

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084217.D
 Acq On : 30 Sep 2024 14:00
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 01 06:49:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 06:46:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	161547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	13262	5.537	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.080%#		
35) Dibromofluoromethane	8.171	113	10333	5.441	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.880%#		
50) Toluene-d8	10.565	98	35782	5.121	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.240%#		
62) 4-Bromofluorobenzene	12.847	95	13132	5.159	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	10.320%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	9807	5.132	ug/l	94
3) Chloromethane	2.359	50	12064	5.529	ug/l	92
4) Vinyl Chloride	2.512	62	11701	5.536	ug/l	96
5) Bromomethane	2.947	94	8091	5.804	ug/l	97
6) Chloroethane	3.118	64	8433	5.571	ug/l	94
7) Trichlorofluoromethane	3.495	101	17988	5.466	ug/l	90
8) Diethyl Ether	3.953	74	6430	5.268	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	10220m	5.420	ug/l	
10) Methyl Iodide	4.589	142	12344	5.083	ug/l #	97
11) Tert butyl alcohol	5.512	59	11537	29.211	ug/l #	91
12) 1,1-Dichloroethene	4.342	96	10191	5.603	ug/l	95
13) Acrolein	4.177	56	13122	28.940	ug/l	99
14) Allyl chloride	5.030	41	17724	5.611	ug/l	90
15) Acrylonitrile	5.718	53	26537	26.607	ug/l	99
16) Acetone	4.430	43	27153	26.389	ug/l	95
17) Carbon Disulfide	4.712	76	30816	5.351	ug/l	97
18) Methyl Acetate	5.024	43	12354	5.509	ug/l #	72
19) Methyl tert-butyl Ether	5.800	73	33101	5.392	ug/l	97
20) Methylene Chloride	5.265	84	10809	5.168	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	10126m	5.314	ug/l	
22) Diisopropyl ether	6.671	45	35654	5.457	ug/l	99
23) Vinyl Acetate	6.606	43	128057m	26.284	ug/l	
24) 1,1-Dichloroethane	6.565	63	19800	5.419	ug/l	95
25) 2-Butanone	7.482	43	37739	26.929	ug/l	99
26) 2,2-Dichloropropane	7.488	77	17552	5.327	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	12388	5.380	ug/l	99
28) Bromochloromethane	7.812	49	9996	6.131	ug/l #	95
29) Tetrahydrofuran	7.841	42	23456	27.121	ug/l	97
30) Chloroform	7.965	83	20341	5.359	ug/l	92
31) Cyclohexane	8.259	56	21337	6.014	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	18635	5.467	ug/l #	53
36) 1,1-Dichloropropene	8.371	75	14527	5.266	ug/l	99
37) Ethyl Acetate	7.565	43	16138	5.702	ug/l	97
38) Carbon Tetrachloride	8.359	117	15700	5.188	ug/l	95
39) Methylcyclohexane	9.594	83	15377	5.009	ug/l	94
40) Benzene	8.606	78	45343	5.276	ug/l	99

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Instrument :
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 ClientSampleId :
 VSTDICC005

Quant Time: Oct 01 06:49:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 06:46:32 2024
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Manual Integrations APPROVED

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 Supervised By : Mahesh Dadoda 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	7878	5.128	ug/l	93
42) 1,2-Dichloroethane	8.677	62	15661	5.375	ug/l	99
43) Isopropyl Acetate	8.682	43	28029m	5.059	ug/l	
44) Trichloroethene	9.347	130	10921	5.440	ug/l	87
45) 1,2-Dichloropropane	9.618	63	11181	5.499	ug/l	95
46) Dibromomethane	9.706	93	7207	5.253	ug/l	93
47) Bromodichloromethane	9.888	83	16407	5.382	ug/l #	97
48) Methyl methacrylate	9.676	41	11766	5.332	ug/l	97
49) 1,4-Dioxane	9.688	88	4121	101.444	ug/l #	79
51) 4-Methyl-2-Pentanone	10.441	43	69730	25.883	ug/l	99
52) Toluene	10.629	92	26489	5.054	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	16242	5.227	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	17448	5.220	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	9805	5.219	ug/l	89
56) Ethyl methacrylate	10.876	69	15794	5.109	ug/l	96
57) 1,3-Dichloropropane	11.159	76	17954	5.348	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	38417	26.787	ug/l	99
59) 2-Hexanone	11.194	43	51488	25.570	ug/l	98
60) Dibromochloromethane	11.359	129	11412	5.141	ug/l	96
61) 1,2-Dibromoethane	11.470	107	10394	5.324	ug/l	98
64) Tetrachloroethene	11.106	164	9167	5.356	ug/l	90
65) Chlorobenzene	11.888	112	28818	5.290	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	10054	5.358	ug/l	97
67) Ethyl Benzene	11.965	91	49891	5.178	ug/l	97
68) m/p-Xylenes	12.065	106	35820	10.051	ug/l	98
69) o-Xylene	12.400	106	18041	5.350	ug/l	96
70) Styrene	12.412	104	28472	4.985	ug/l	99
71) Bromoform	12.582	173	7067	5.115	ug/l #	95
73) Isopropylbenzene	12.694	105	43468	5.064	ug/l	98
74) N-amyl acetate	12.494	43	19775	5.087	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	14517	5.624	ug/l	94
76) 1,2,3-Trichloropropane	12.994	75	14072m	6.276	ug/l	
77) Bromobenzene	12.976	156	11049	5.336	ug/l	99
78) n-propylbenzene	13.035	91	51120	5.140	ug/l	99
79) 2-Chlorotoluene	13.123	91	33161	5.225	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	36100	5.156	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	4595	4.797	ug/l #	79
82) 4-Chlorotoluene	13.223	91	33382	5.225	ug/l	99
83) tert-Butylbenzene	13.435	119	31990	5.140	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	36099	5.118	ug/l	100
85) sec-Butylbenzene	13.612	105	40954	4.931	ug/l	98
86) p-Isopropyltoluene	13.729	119	34083	4.963	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	20730	5.337	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	21249	5.417	ug/l	96
89) n-Butylbenzene	14.059	91	30253	4.858	ug/l	99
90) Hexachloroethane	14.329	117	7628	5.472	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	19905	5.226	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	3046	5.719	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	9439	5.031	ug/l	95
94) Hexachlorobutadiene	15.500	225	5174	5.530	ug/l	89
95) Naphthalene	15.641	128	30391	4.886	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	9245	4.923	ug/l	98

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 06:49:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 06:46:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

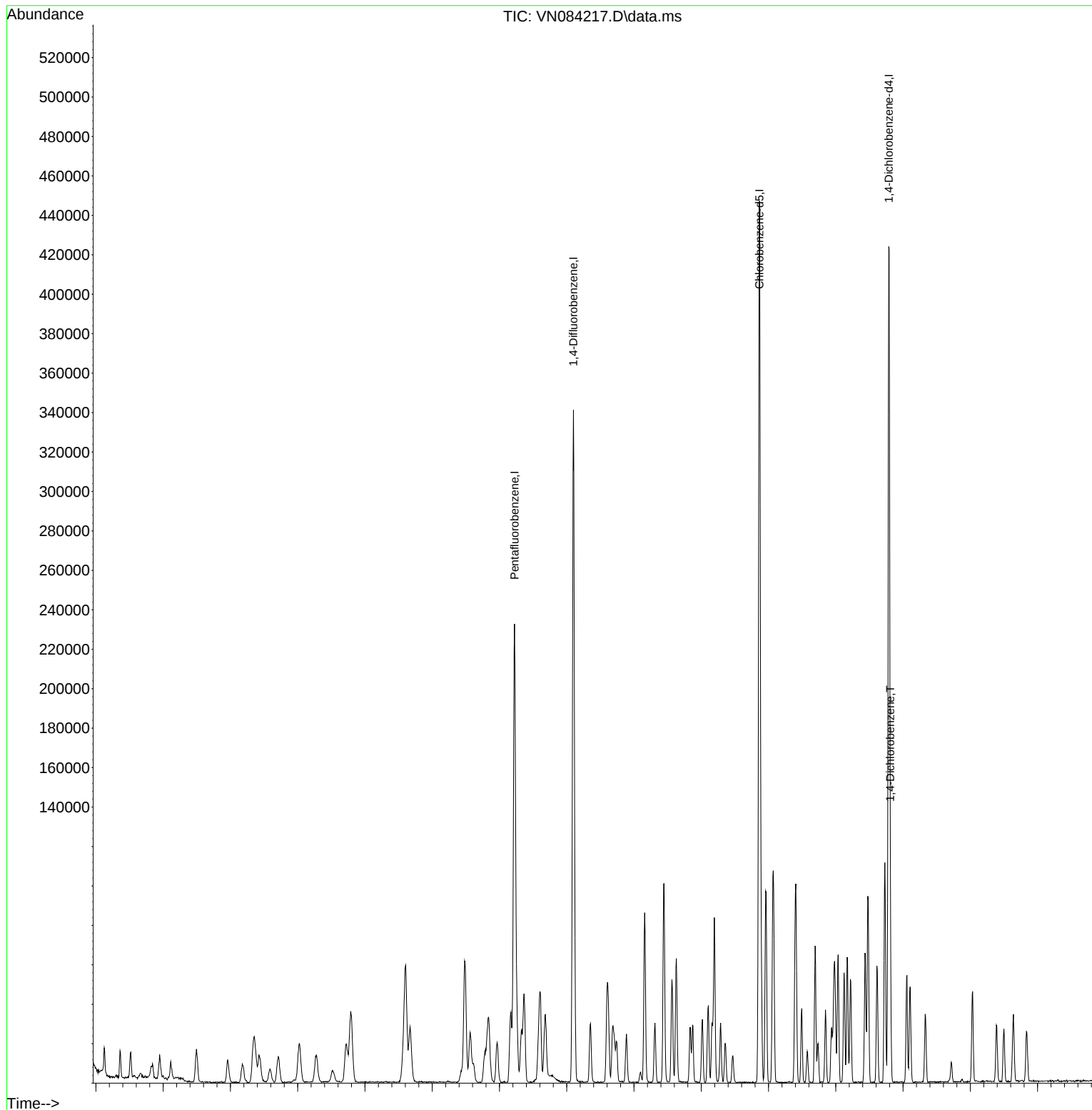
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
Data File : VN084217.D
Acq On : 30 Sep 2024 14:00
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

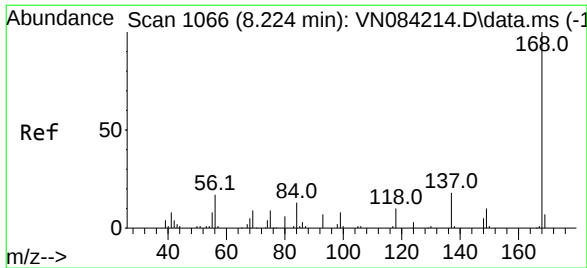
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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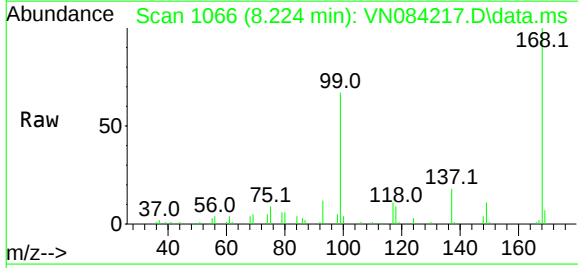
Quant Time: Oct 01 06:49:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 06:46:32 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

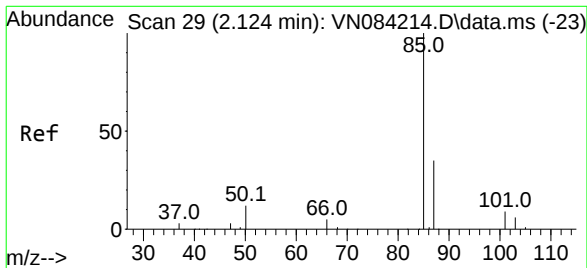
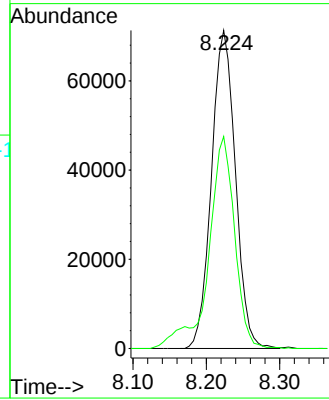
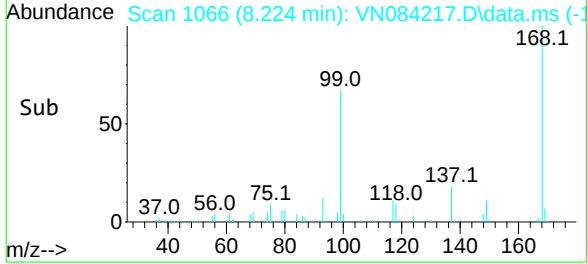
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



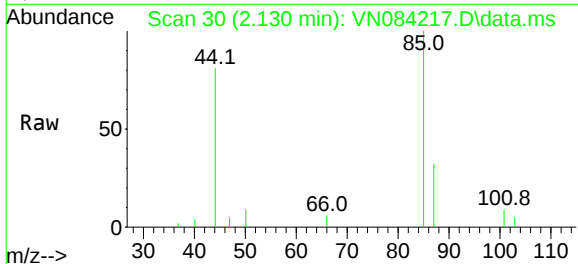
Tgt Ion: 168 Resp: 161547
Ion Ratio Lower Upper
168 100
99 66.3 54.2 81.2

Manual Integrations
APPROVED

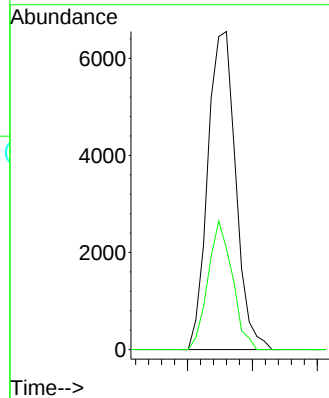
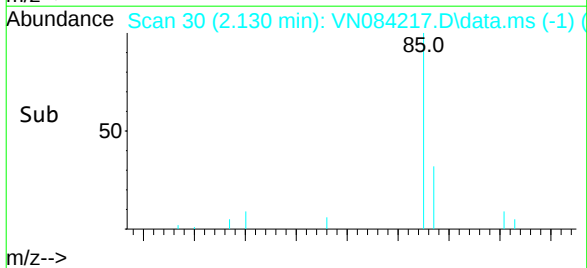
Reviewed By :John Carlone 10/01/2024
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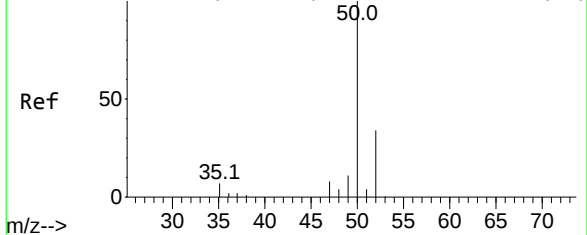
#2
Dichlorodifluoromethane
Concen: 5.132 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00



Tgt Ion: 85 Resp: 9807
Ion Ratio Lower Upper
85 100
87 31.8 17.6 52.9



Abundance Scan 69 (2.359 min): VN084214.D\data.ms (-63)



#3

Chloromethane

Concen: 5.529 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 50 Resp: 12064

Ion Ratio Lower Upper

50 100

52 28.9 26.8 40.2

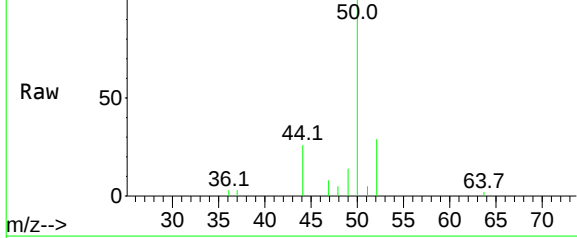
Manual Integrations

APPROVED

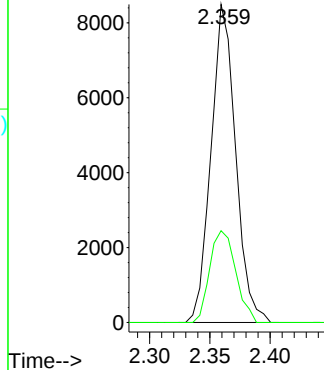
Reviewed By :John Carlone 10/01/2024

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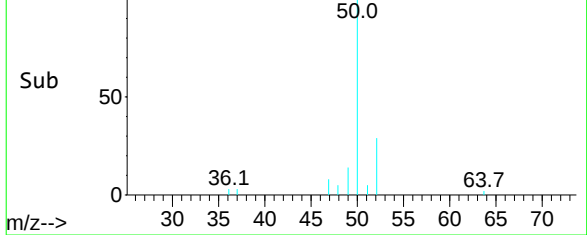
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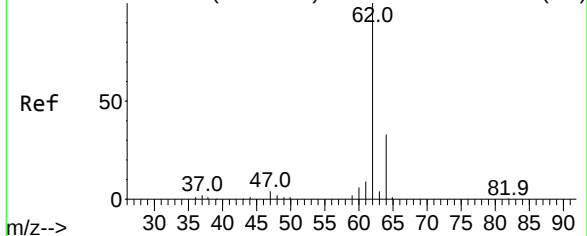
Abundance



Abundance Scan 69 (2.359 min): VN084217.D\data.ms (-18)



Abundance Scan 96 (2.518 min): VN084214.D\data.ms (-88)



#4

Vinyl Chloride

Concen: 5.536 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

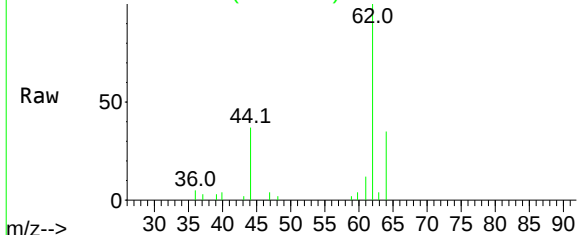
Tgt Ion: 62 Resp: 11701

Ion Ratio Lower Upper

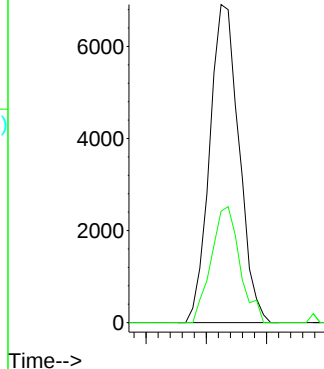
62 100

64 35.0 26.2 39.4

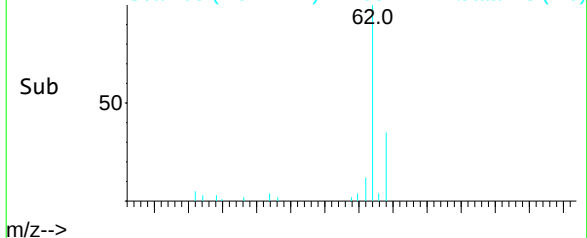
Abundance Scan 95 (2.512 min): VN084217.D\data.ms

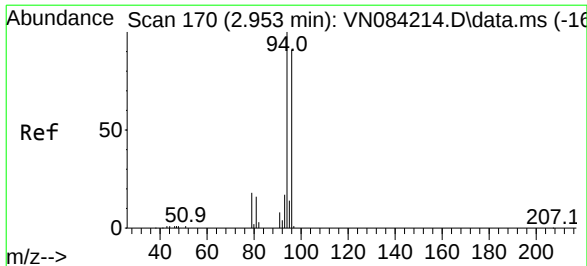


Abundance



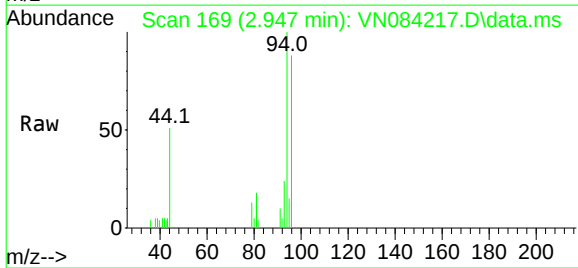
Abundance Scan 95 (2.512 min): VN084217.D\data.ms (-45)





#5
Bromomethane
Concen: 5.804 ug/l
RT: 2.947 min Scan# 16
Delta R.T. -0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

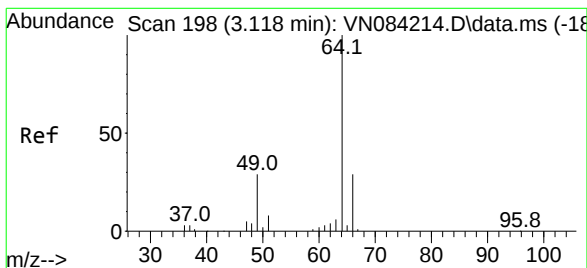
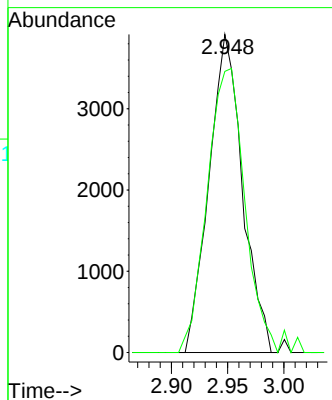
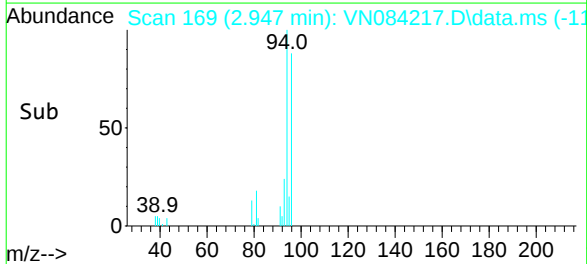
Instrument :
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VSTDICC005



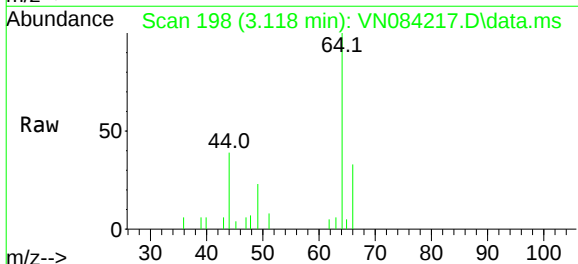
Tgt Ion: 94 Resp: 8091
Ion Ratio Lower Upper
94 100
96 88.4 72.9 109.3

Manual Integrations
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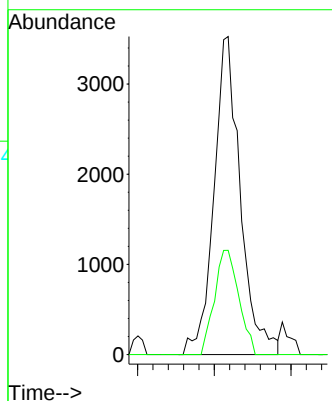
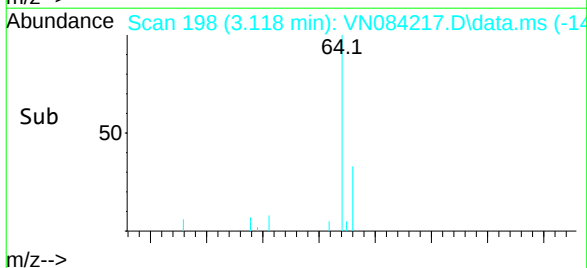
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

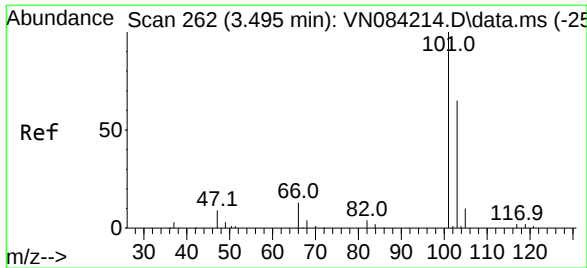


#6
Chloroethane
Concen: 5.571 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00



Tgt Ion: 64 Resp: 8433
Ion Ratio Lower Upper
64 100
66 32.8 23.5 35.3





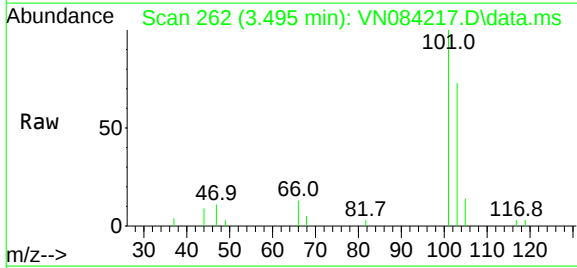
#7
 Trichlorofluoromethane
 Concen: 5.466 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN084217.D
 Acq: 30 Sep 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005



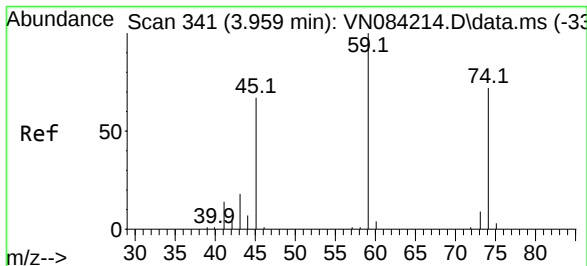
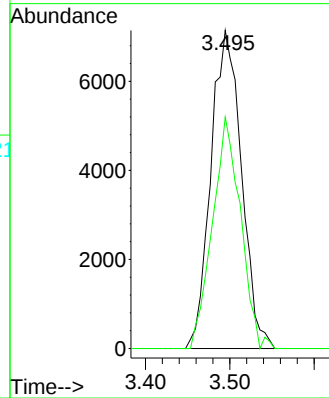
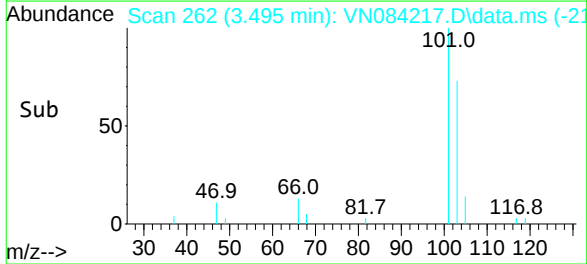
Tgt Ion: 101 Resp: 17988
 Ion Ratio Lower Upper
 101 100
 103 72.8 51.8 77.6

Manual Integrations

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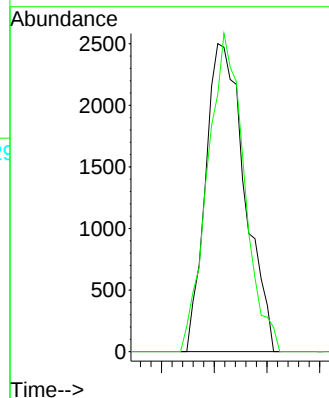
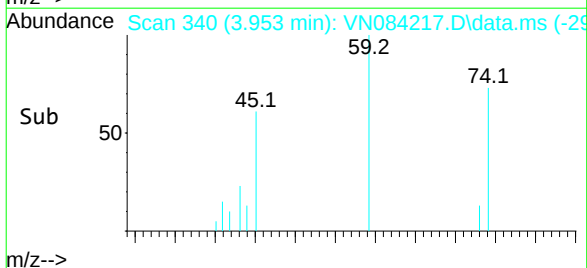
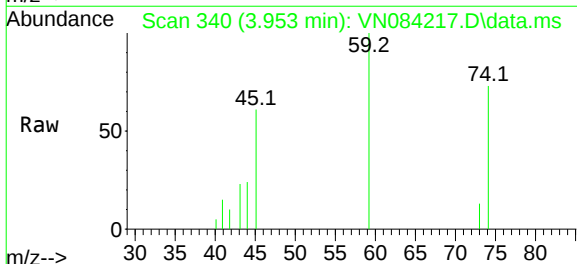
Reviewed By : John Carlone 10/01/2024

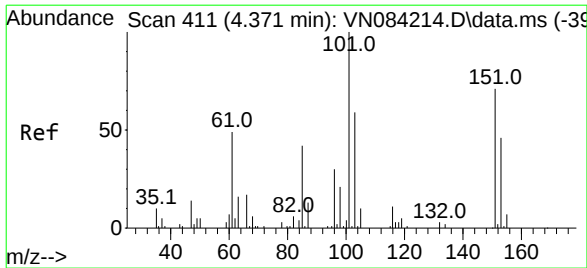
Supervised By : Mahesh Dadoda 10/01/2024



#8
 Diethyl Ether
 Concen: 5.268 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN084217.D
 Acq: 30 Sep 2024 14:00

Tgt Ion: 74 Resp: 6430
 Ion Ratio Lower Upper
 74 100
 45 96.9 47.7 143.1





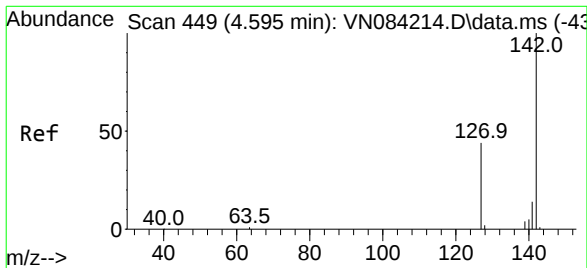
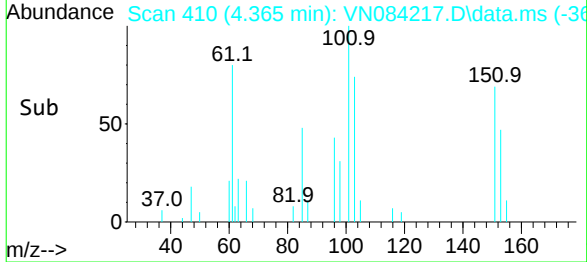
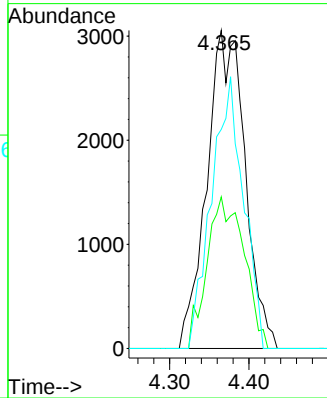
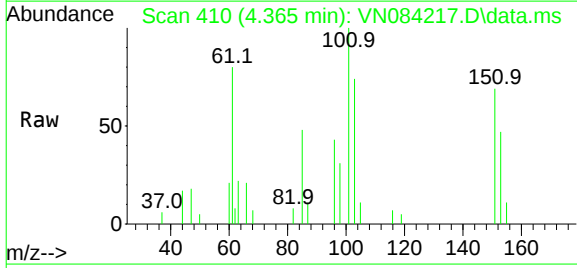
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.420 ug/l m
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.1	36.2	54.4
151	71.5	59.3	88.9

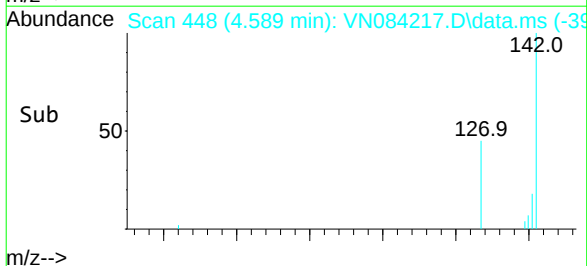
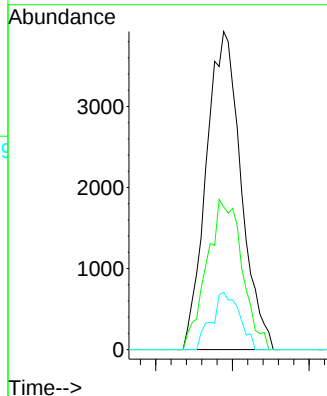
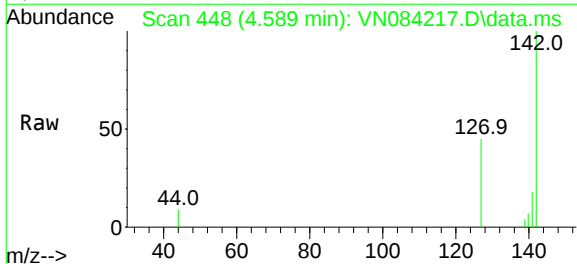
Manual Integrations
APPROVED

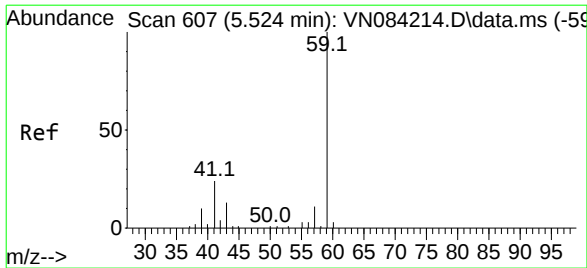
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#10
Methyl Iodide
Concen: 5.083 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.9	35.3	52.9
141	18.0	11.0	16.6





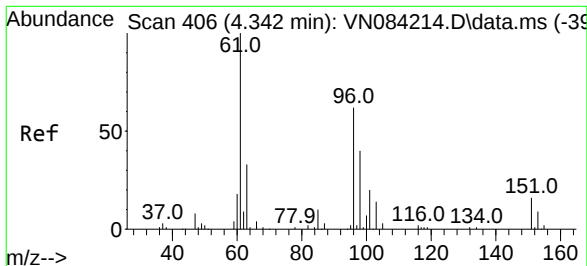
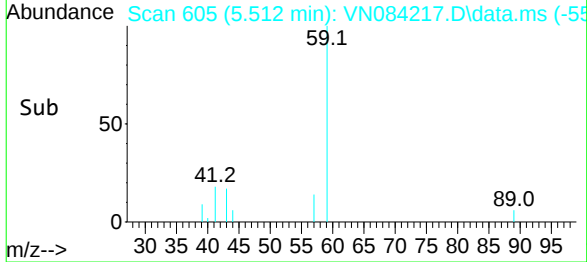
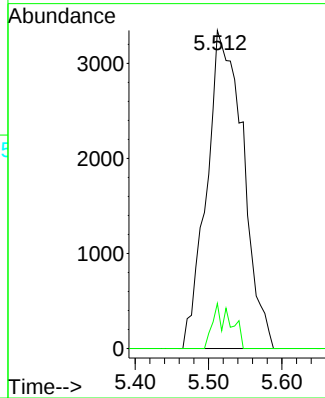
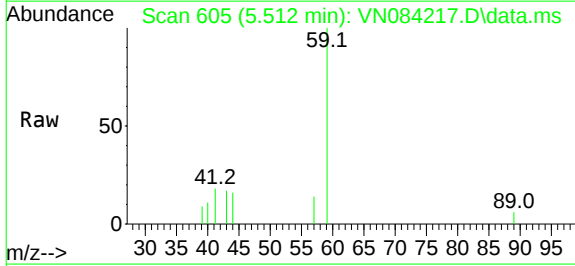
#11
Tert butyl alcohol
Concen: 29.211 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument : MSVOA_N
ClientSampleId : VSTDIC005

Tgt Ion	Ratio	Lower	Upper
59	100		
57	7.0	8.2	12.2

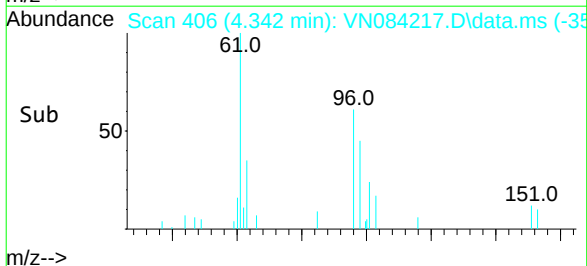
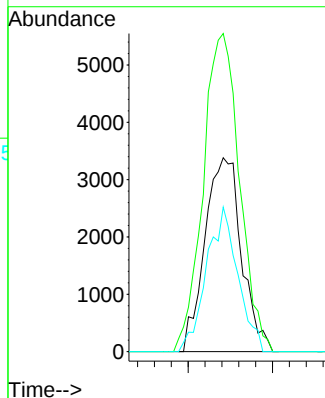
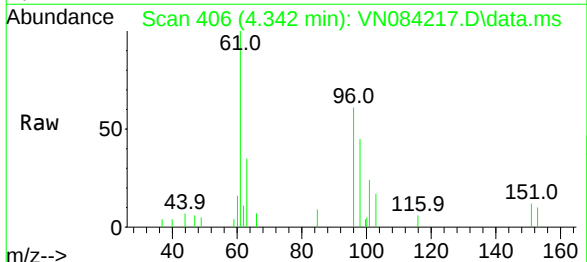
Manual Integrations
APPROVED

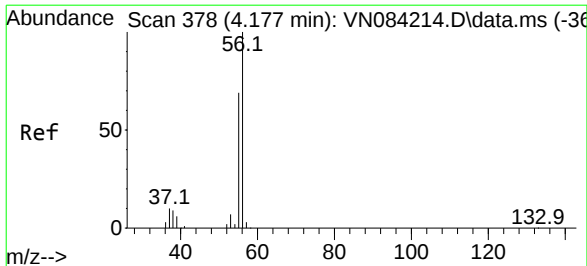
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#12
1,1-Dichloroethene
Concen: 5.603 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.1	128.6	192.8
98	74.5	51.7	77.5





#13

Acrolein

Concen: 28.940 ug/l

RT: 4.177 min Scan# 37

Delta R.T. -0.000 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 13122

Ion Ratio Lower Upper

56 100

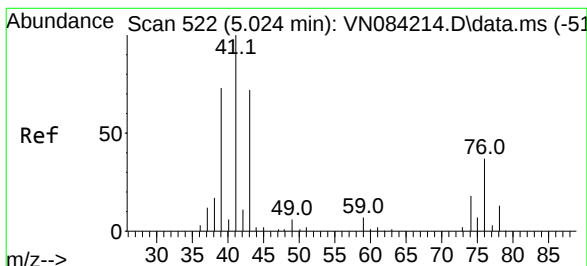
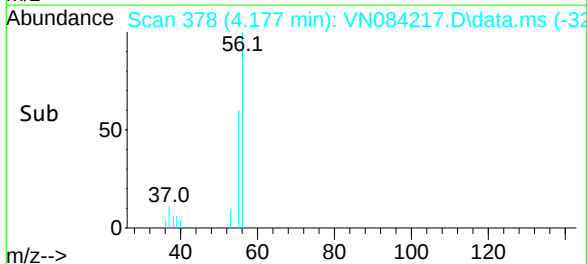
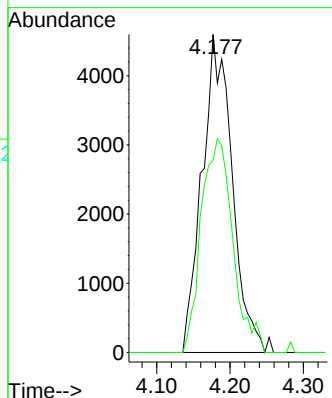
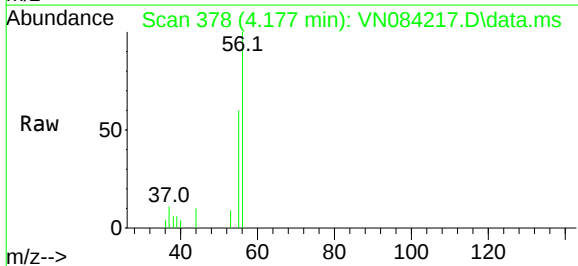
55 70.5 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#14

Allyl chloride

Concen: 5.611 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

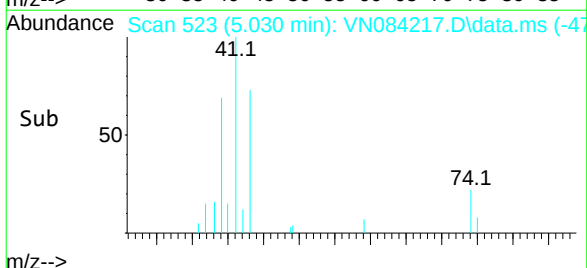
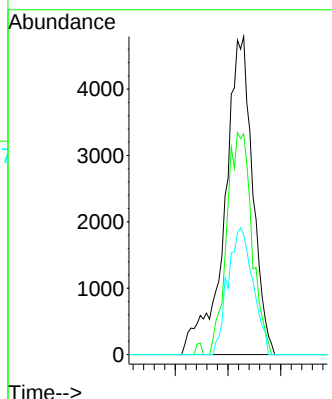
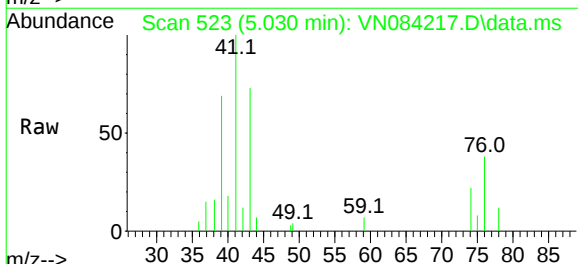
Tgt Ion: 41 Resp: 17724

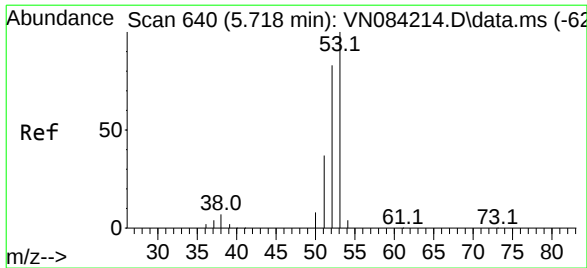
Ion Ratio Lower Upper

41 100

39 62.5 59.0 88.6

76 35.6 29.8 44.6





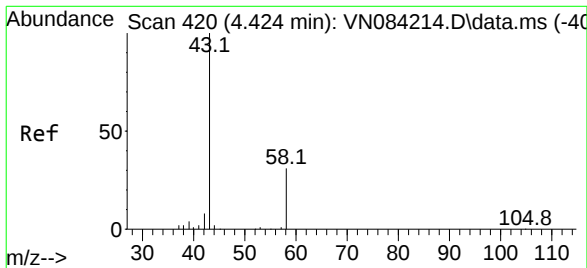
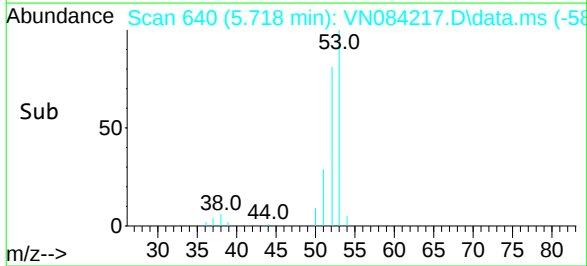
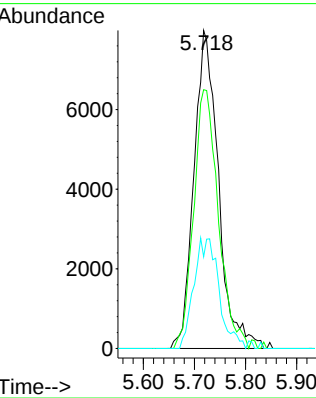
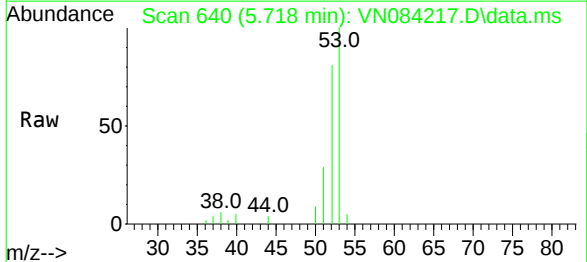
#15
Acrylonitrile
Concen: 26.607 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 53	Resp: 26537
Ion Ratio	Lower Upper
53 100	
52 82.1	66.2 99.4
51 35.6	28.8 43.2

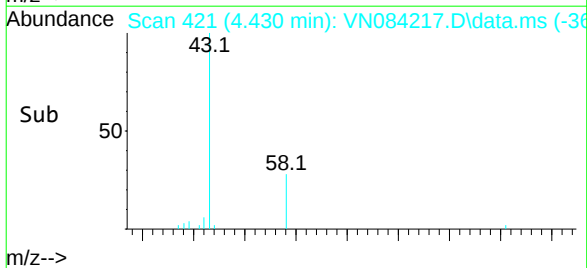
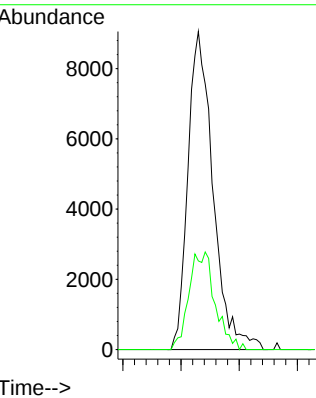
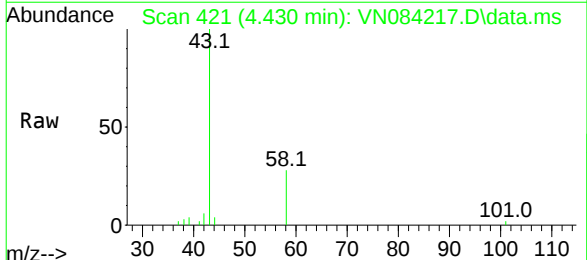
Manual Integrations
APPROVED

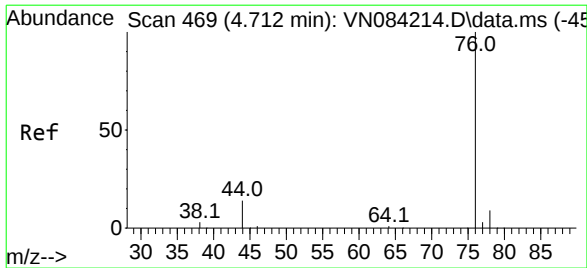
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#16
Acetone
Concen: 26.389 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion: 43	Resp: 27153
Ion Ratio	Lower Upper
43 100	
58 27.9	24.4 36.6





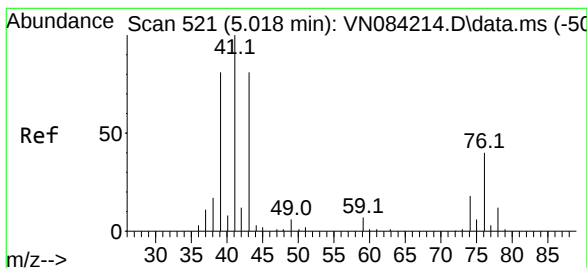
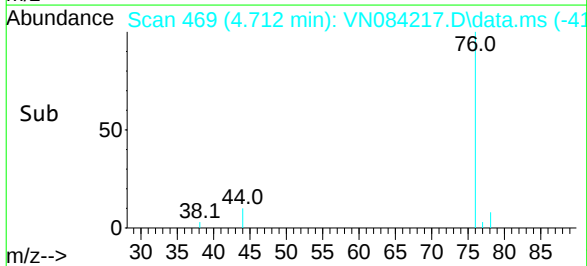
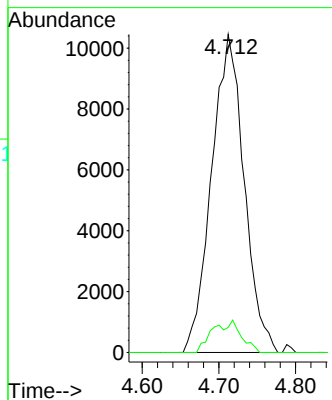
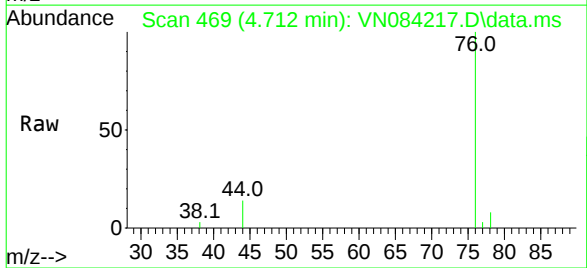
#17
Carbon Disulfide
Concen: 5.351 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 30816
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9

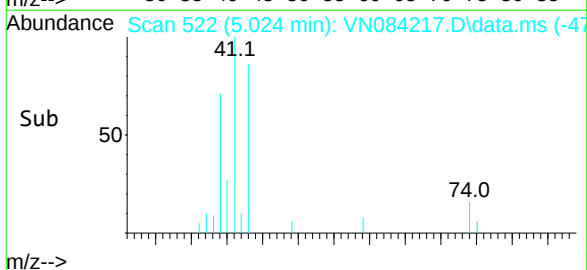
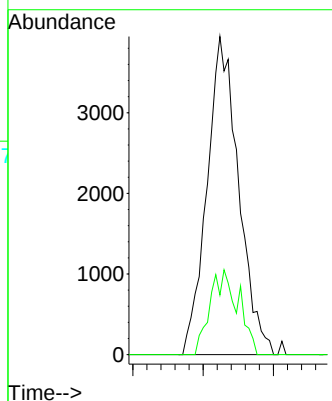
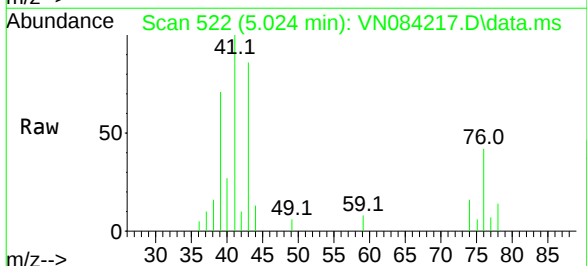
Manual Integrations
APPROVED

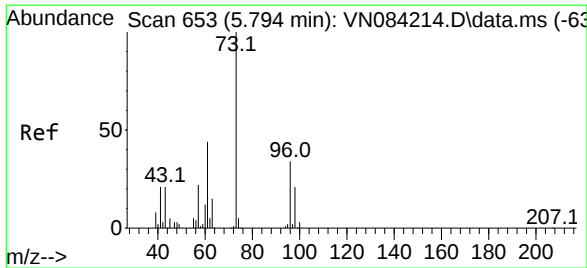
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#18
Methyl Acetate
Concen: 5.509 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion: 43 Resp: 12354
Ion Ratio Lower Upper
43 100
74 9.9 19.2 28.8#





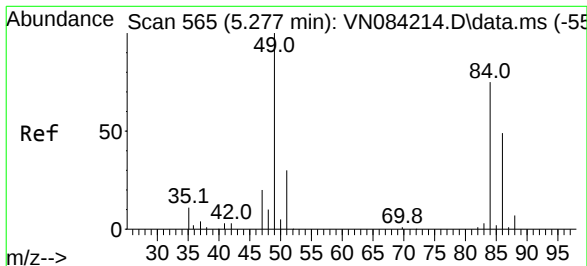
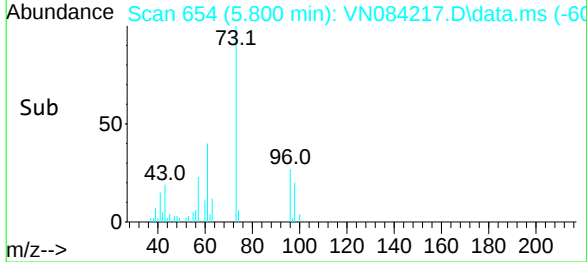
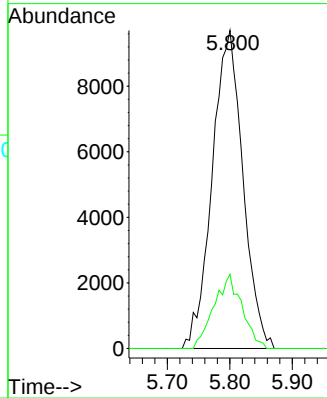
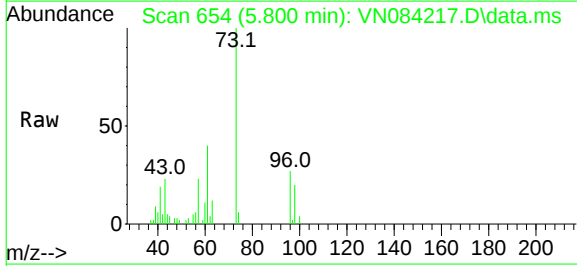
#19
Methyl tert-butyl Ether
Concen: 5.392 ug/l
RT: 5.800 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 33101
Ion Ratio Lower Upper
73 100
57 23.3 17.7 26.5

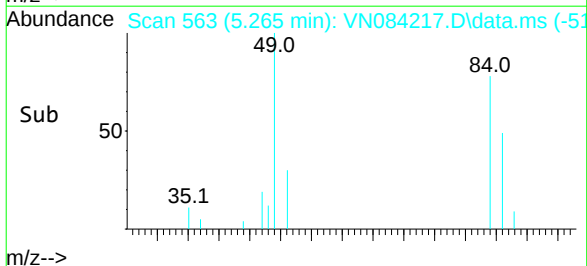
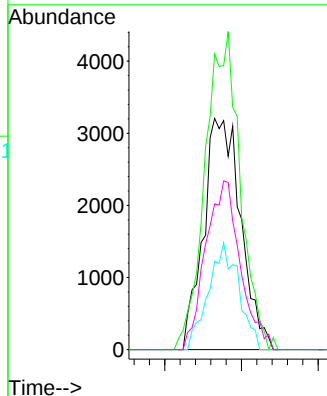
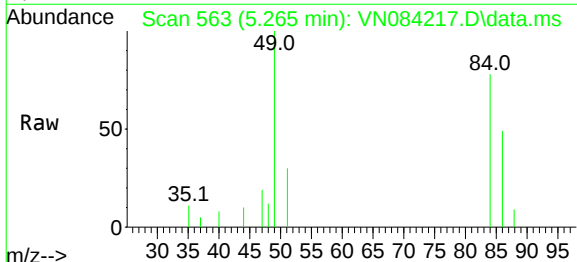
Manual Integrations
APPROVED

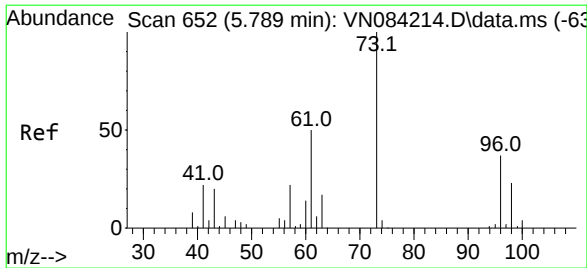
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#20
Methylene Chloride
Concen: 5.168 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion: 84 Resp: 10809
Ion Ratio Lower Upper
84 100
49 127.8 107.2 160.8
51 38.2 31.8 47.8
86 63.0 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 5.314 ug/l m

RT: 5.789 min Scan# 65

Delta R.T. -0.000 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 96 Resp: 10126

Ion Ratio Lower Upper

96 100

61 139.8 108.4 162.6

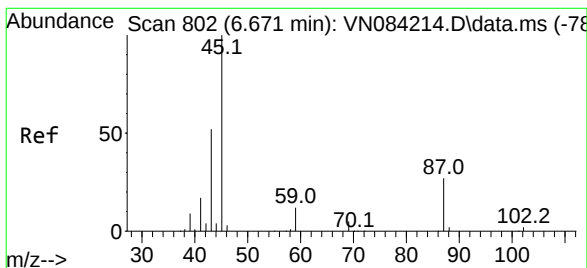
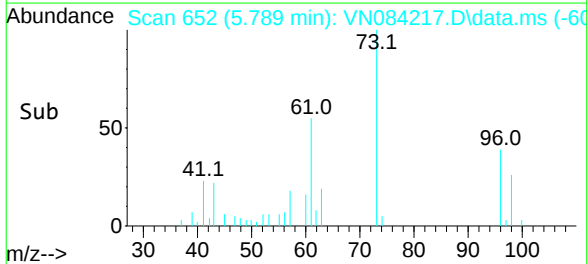
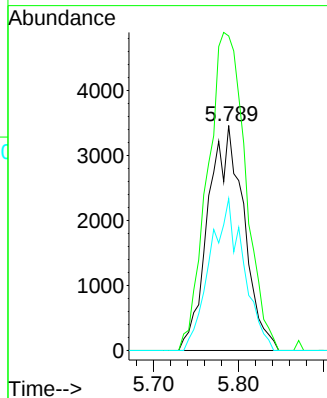
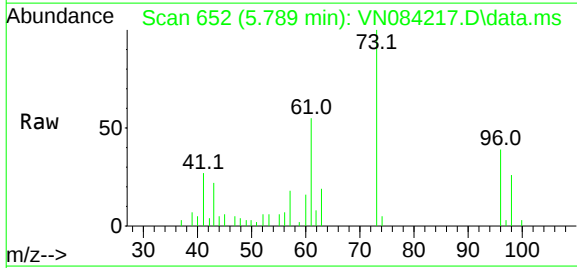
98 67.5 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#22

Diisopropyl ether

Concen: 5.457 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Tgt Ion: 45 Resp: 35654

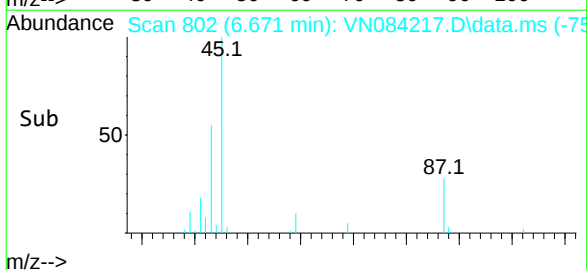
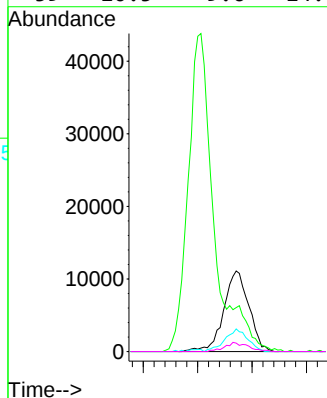
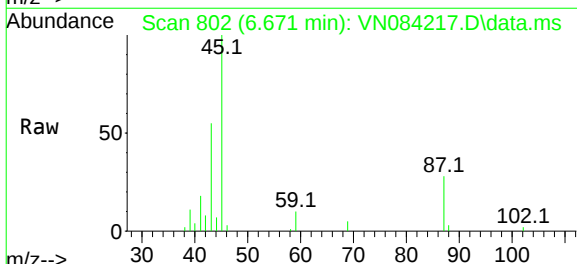
Ion Ratio Lower Upper

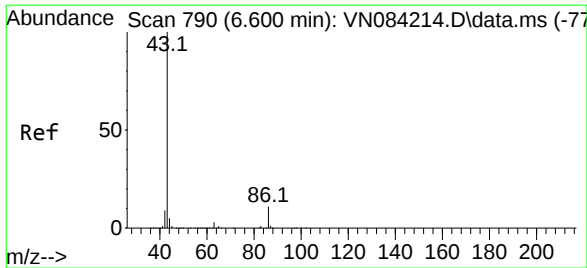
45 100

43 52.7 42.3 63.5

87 28.1 21.8 32.6

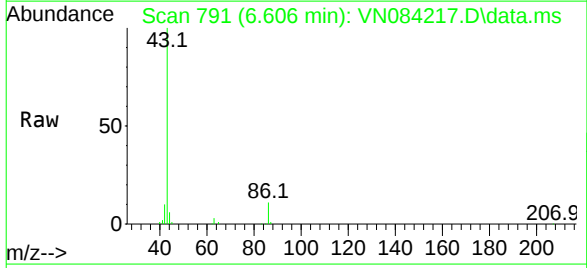
59 10.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 26.284 ug/l m
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN084217.D
 Acq: 30 Sep 2024 14:00

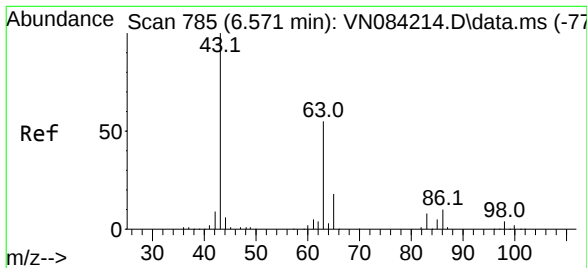
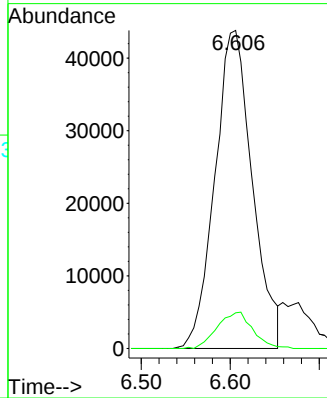
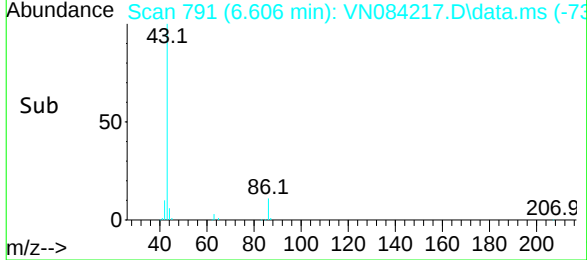
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



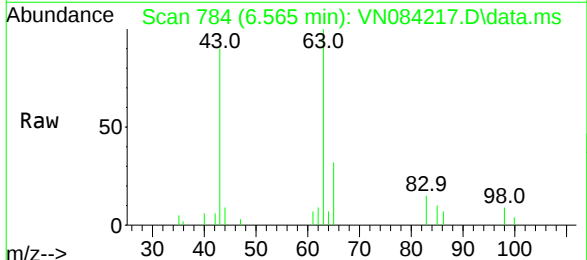
Tgt Ion: 43 Resp: 128057
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8

Manual Integrations
 APPROVED

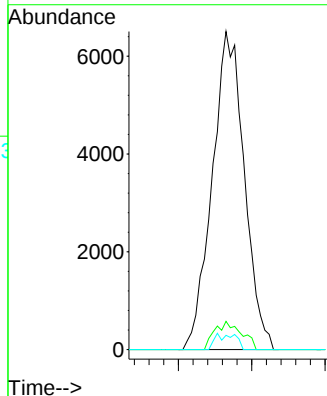
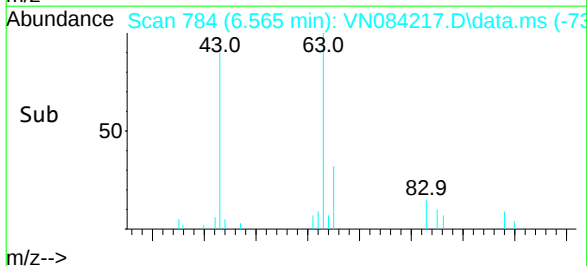
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024

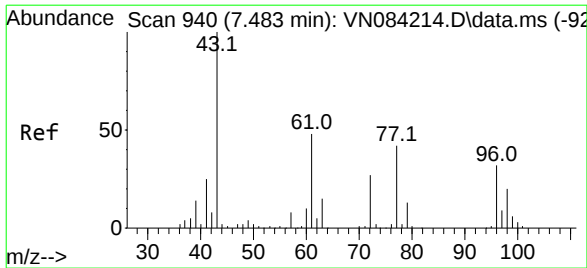


#24
 1,1-Dichloroethane
 Concen: 5.419 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN084217.D
 Acq: 30 Sep 2024 14:00



Tgt Ion: 63 Resp: 19800
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.4 10.2
 100 4.5 2.0 5.8





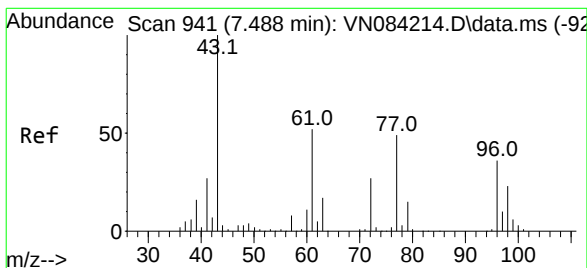
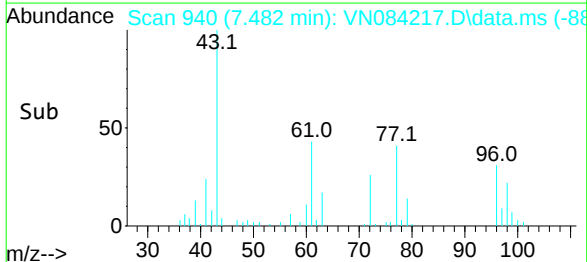
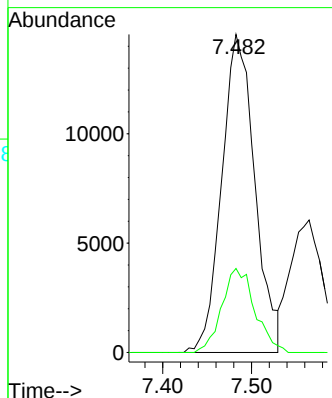
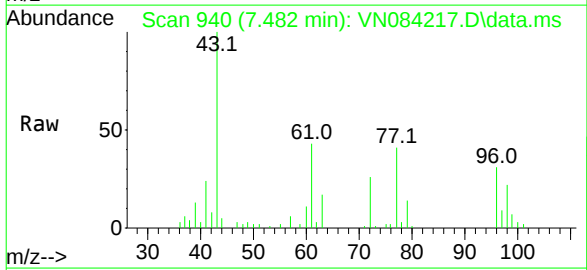
#25
2-Butanone
Concen: 26.929 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 37739
Ion Ratio Lower Upper
43 100
72 26.4 21.4 32.2

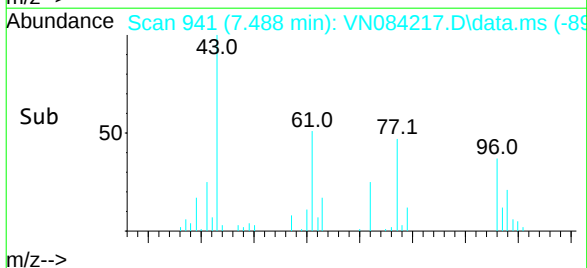
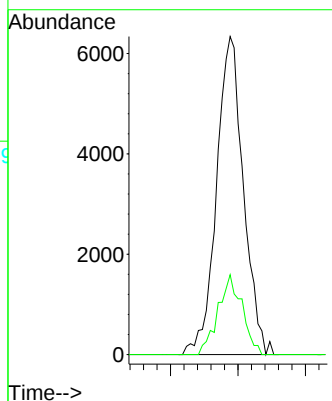
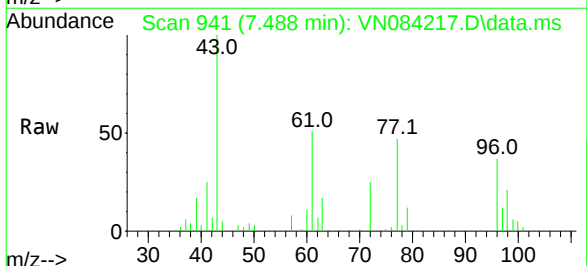
Manual Integrations
APPROVED

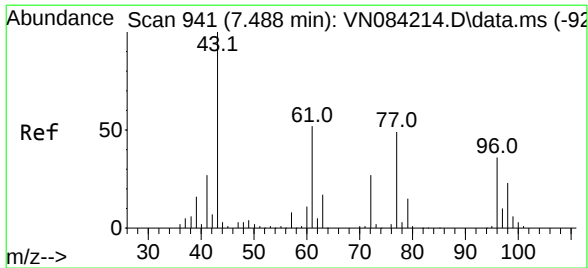
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#26
2,2-Dichloropropane
Concen: 5.327 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion: 77 Resp: 17552
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





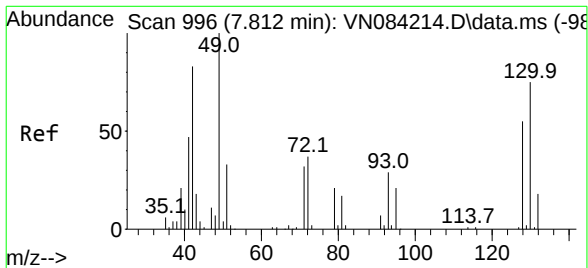
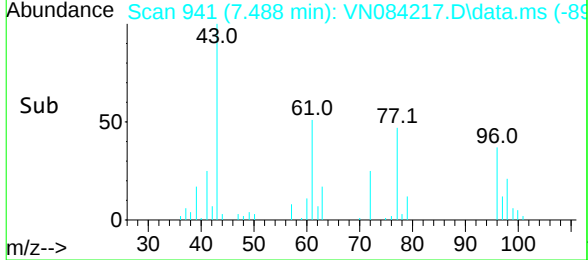
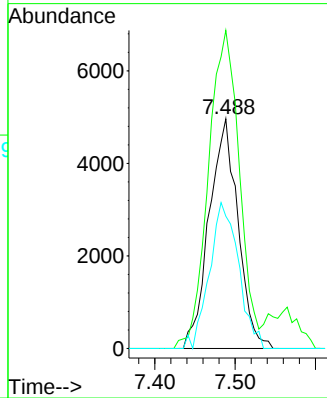
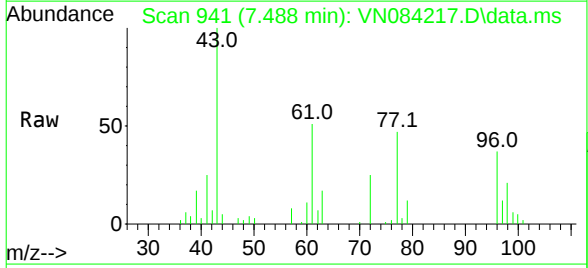
#27
 cis-1,2-Dichloroethene
 Concen: 5.380 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN084217.D
 Acq: 30 Sep 2024 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	301.8
98	64.1	0.0	128.2

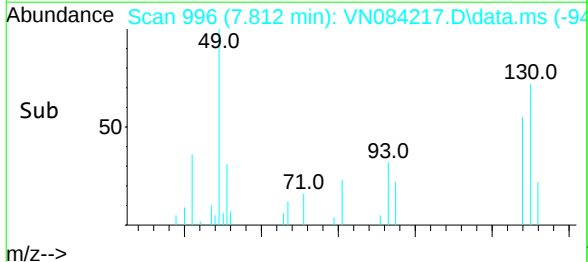
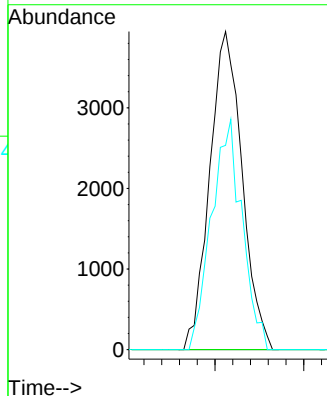
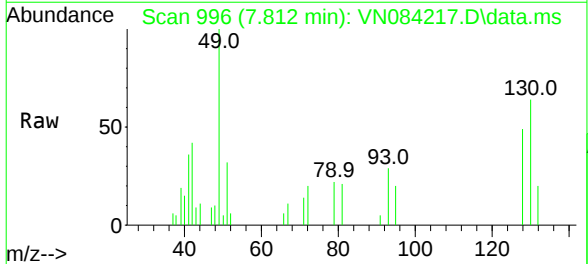
Manual Integrations
 APPROVED

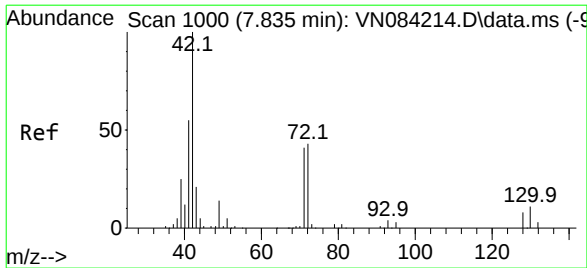
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#28
 Bromochloromethane
 Concen: 6.131 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN084217.D
 Acq: 30 Sep 2024 14:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	68.3	58.0	87.0





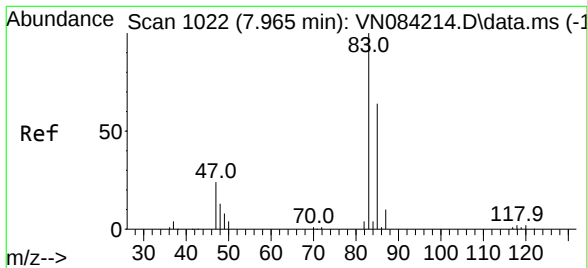
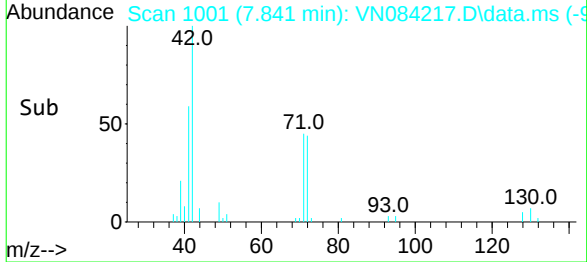
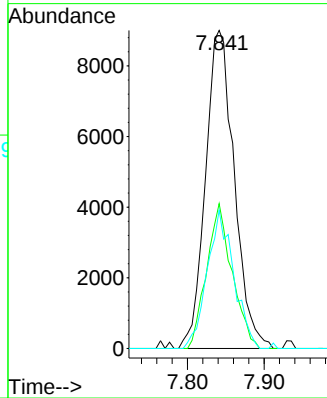
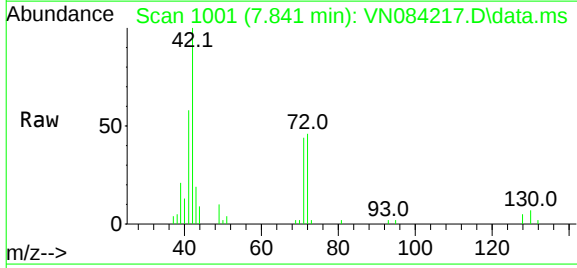
#29
Tetrahydrofuran
Concen: 27.121 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 23456
Ion Ratio Lower Upper
42 100
72 40.3 34.6 51.8
71 40.1 32.2 48.4

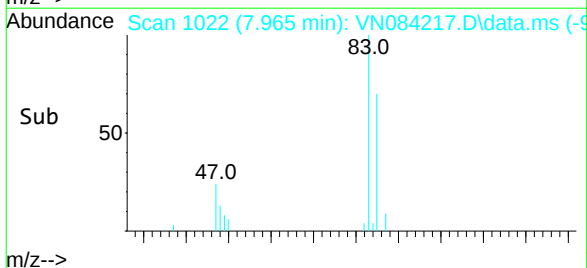
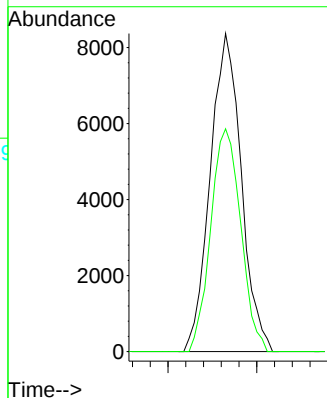
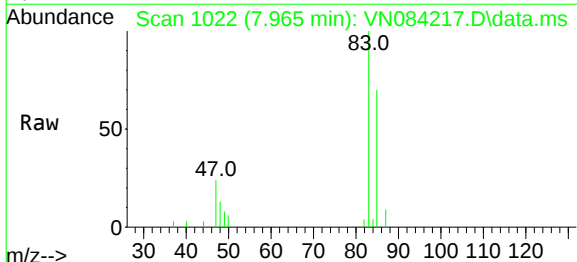
Manual Integrations
APPROVED

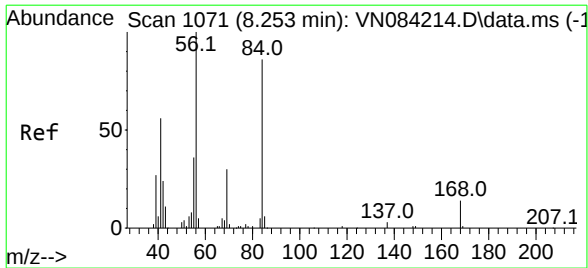
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#30
Chloroform
Concen: 5.359 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion: 83 Resp: 20341
Ion Ratio Lower Upper
83 100
85 70.0 51.0 76.4





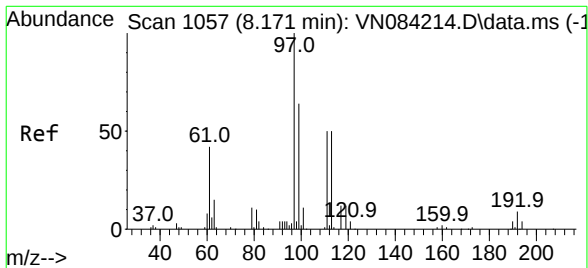
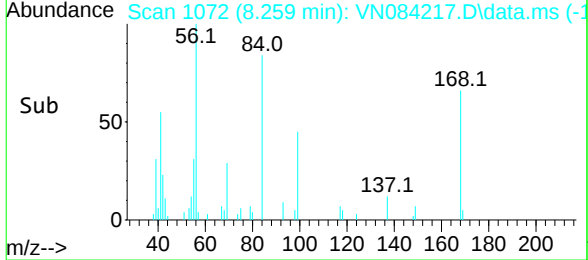
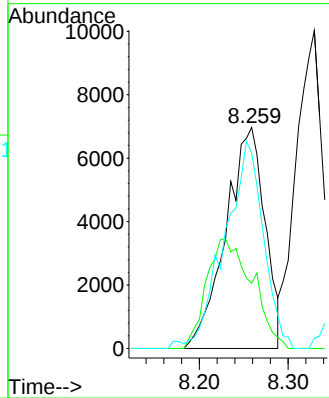
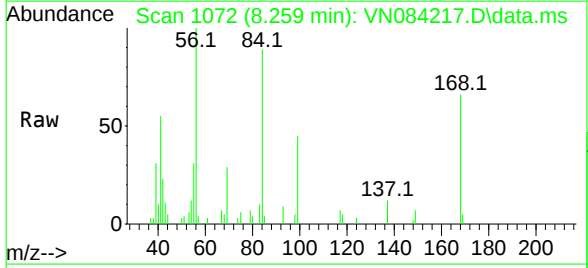
#31
Cyclohexane
Concen: 6.014 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56	Resp: 21337
Ion Ratio	Lower Upper
56	100
69	29.5 23.8 35.6
84	85.5 68.8 103.2

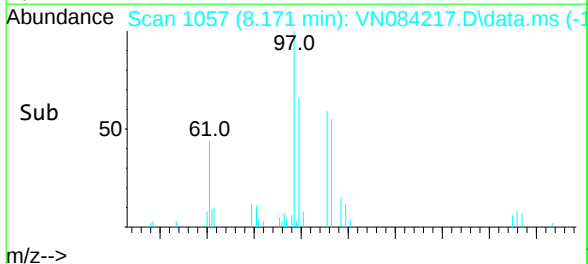
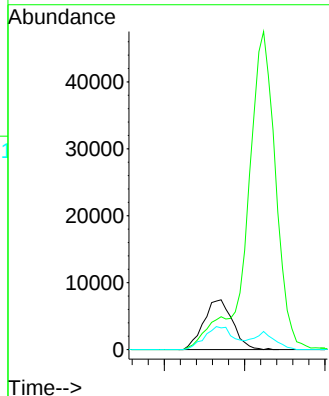
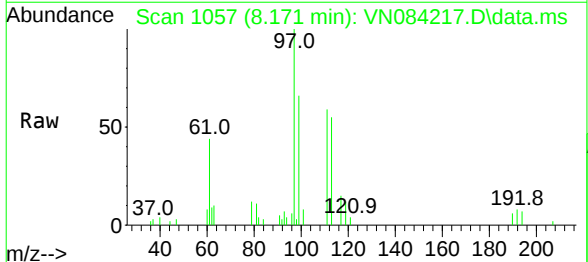
Manual Integrations
APPROVED

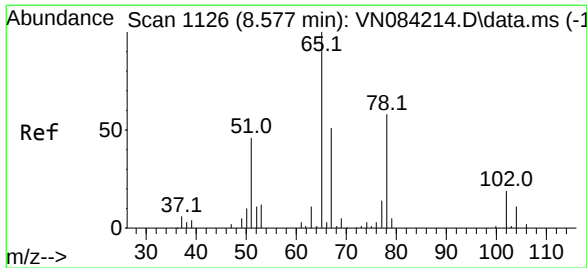
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#32
1,1,1-Trichloroethane
Concen: 5.467 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion: 97	Resp: 18635
Ion Ratio	Lower Upper
97	100
99	0.0 51.2 76.8#
61	47.1 37.5 56.3





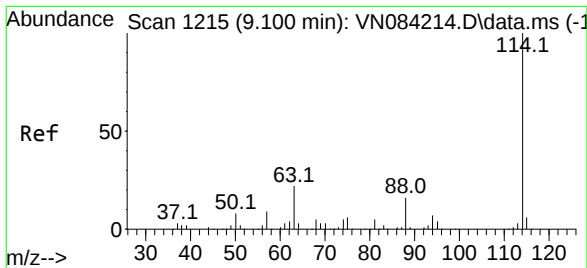
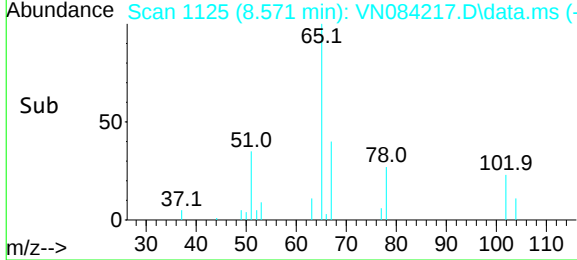
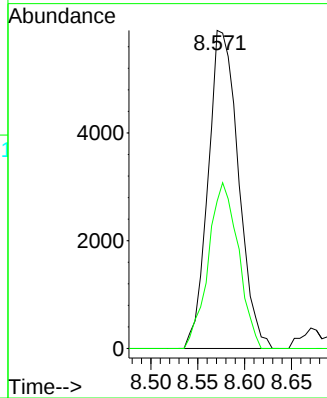
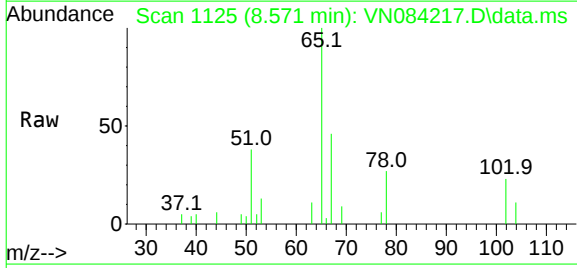
#33
1,2-Dichloroethane-d4
Concen: 5.537 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 13262
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0

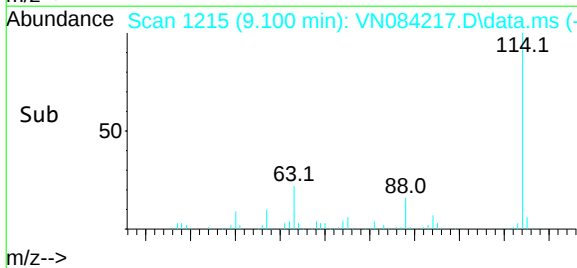
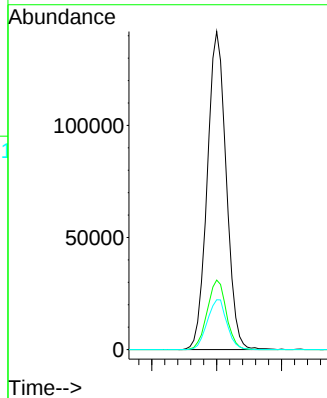
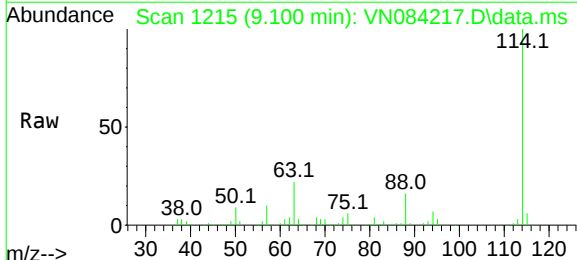
Manual Integrations
APPROVED

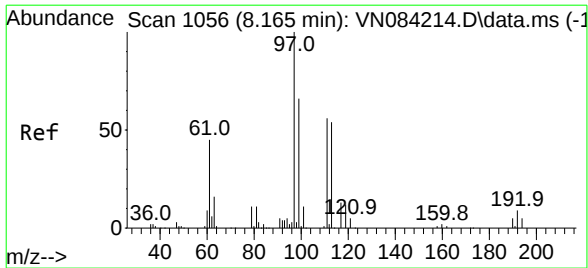
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion:114 Resp: 288067
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.8
88 15.7 0.0 31.6





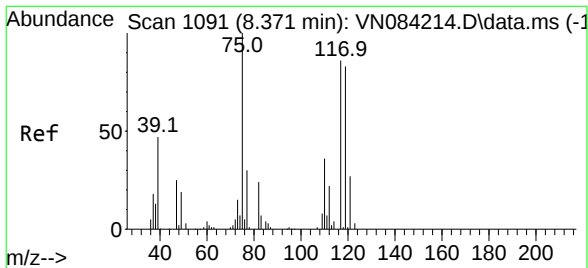
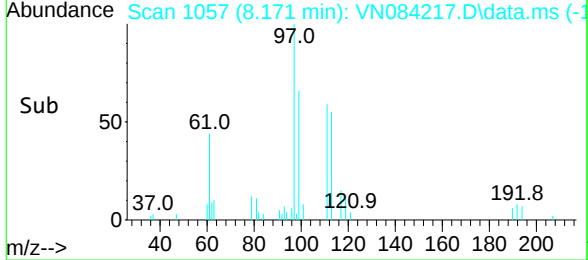
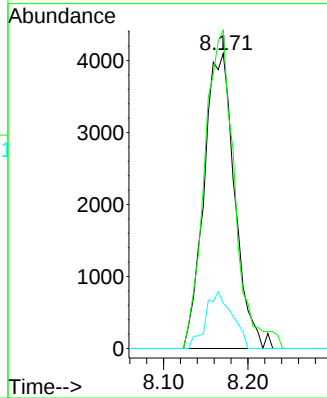
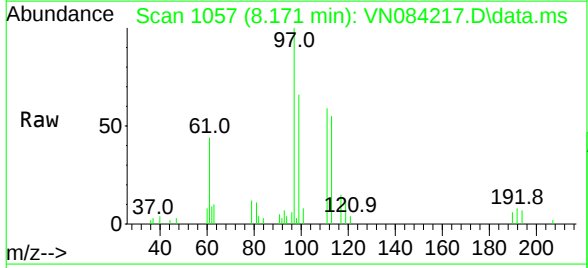
#35
Dibromofluoromethane
Concen: 5.441 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:	113	Resp:	10333
Ion Ratio	Lower	Upper	
113	100		
111	105.9	83.3	124.9
192	16.6	13.5	20.3

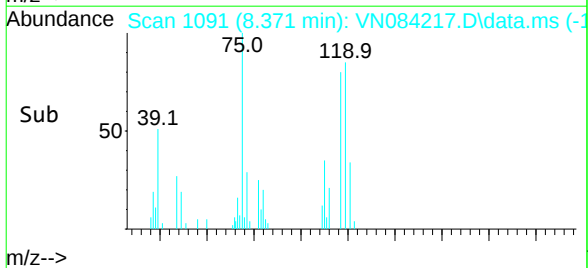
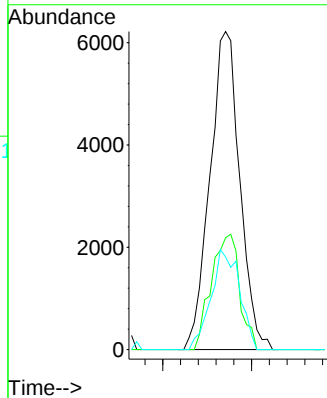
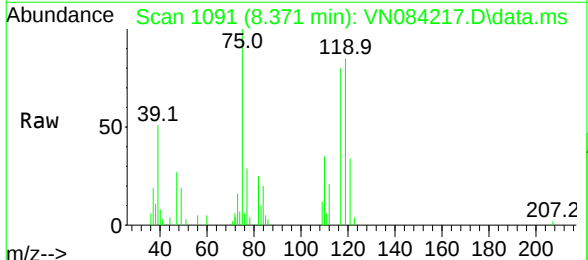
Manual Integrations
APPROVED

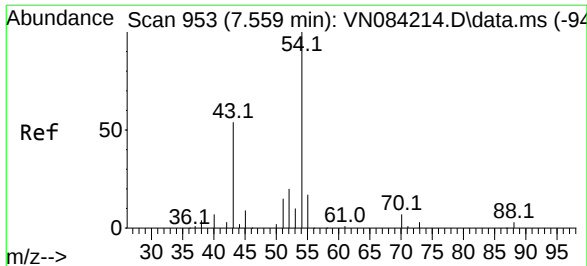
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#36
1,1-Dichloropropene
Concen: 5.266 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

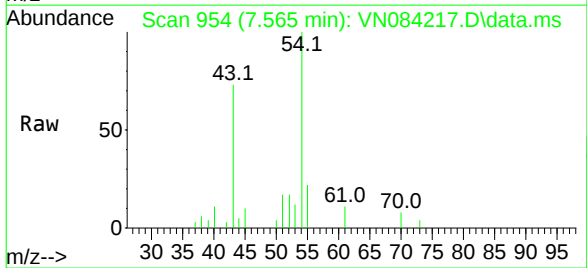
Tgt Ion:	75	Resp:	14527
Ion Ratio	Lower	Upper	
75	100		
110	34.3	16.9	50.7
77	30.0	24.7	37.1





#37
Ethyl Acetate
Concen: 5.702 ug/l
RT: 7.565 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

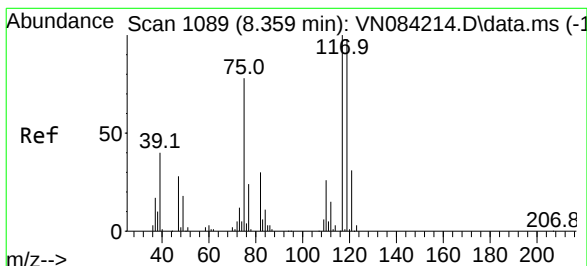
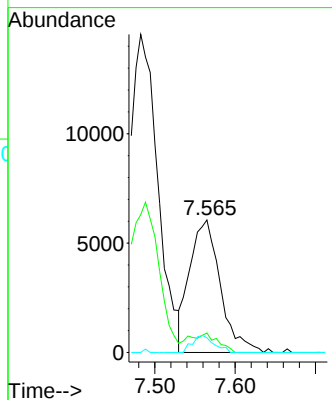
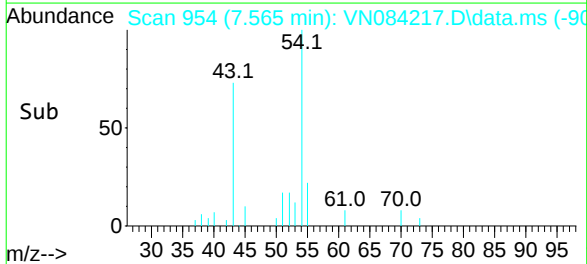
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



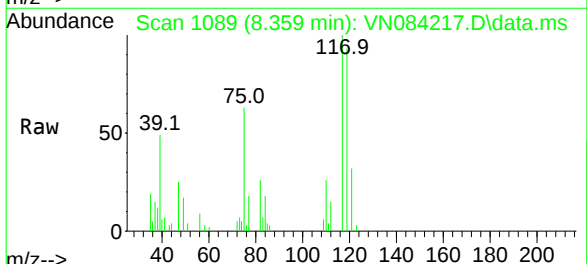
Tgt Ion:	43	Resp:	16138
Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.7	16.1
70	9.0	8.8	13.2

Manual Integrations
APPROVED

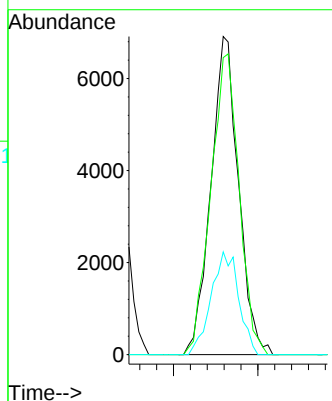
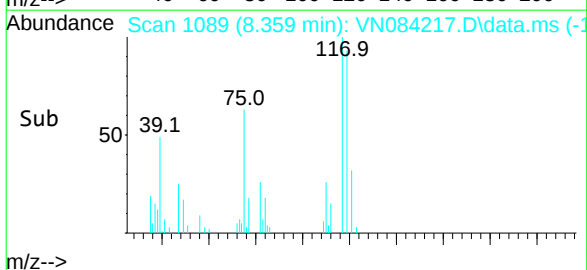
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

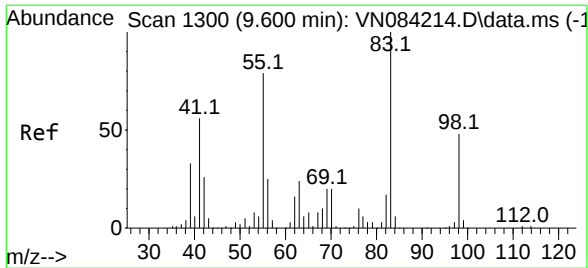


#38
Carbon Tetrachloride
Concen: 5.188 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00



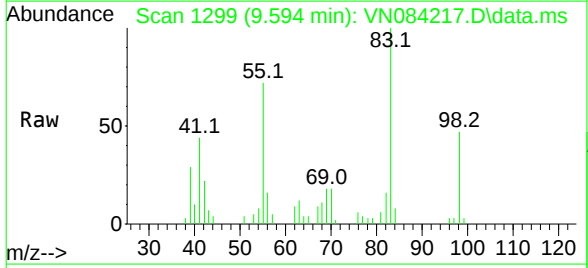
Tgt Ion:	117	Resp:	15700
Ion	Ratio	Lower	Upper
117	100		
119	93.4	78.7	118.1
121	32.3	24.4	36.6





#39
Methylcyclohexane
Concen: 5.009 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

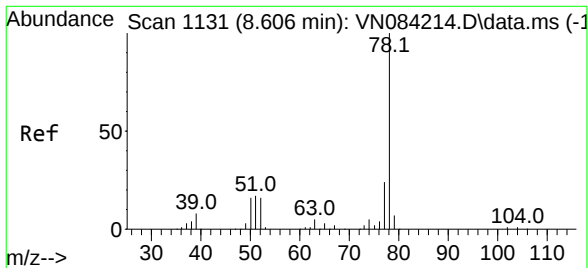
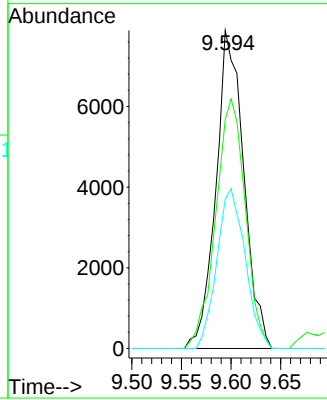
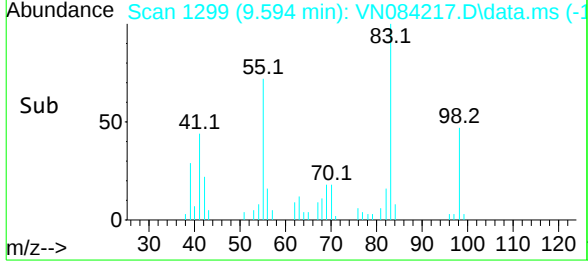
Instrument : MSVOA_N
ClientSampleId : VSTDIC005



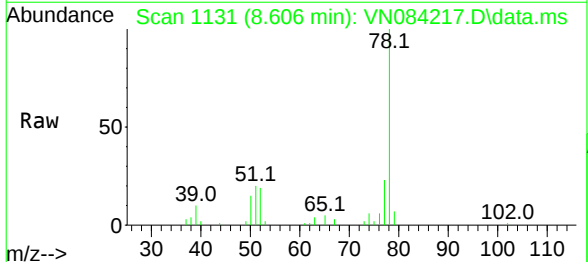
Tgt Ion: 83 Resp: 15377
Ion Ratio Lower Upper
83 100
55 71.9 62.8 94.2
98 46.9 38.8 58.2

Manual Integrations
APPROVED

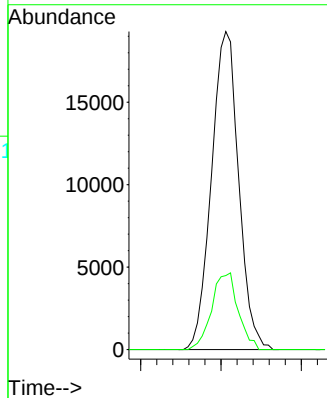
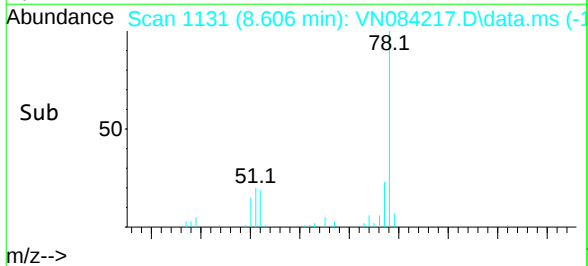
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

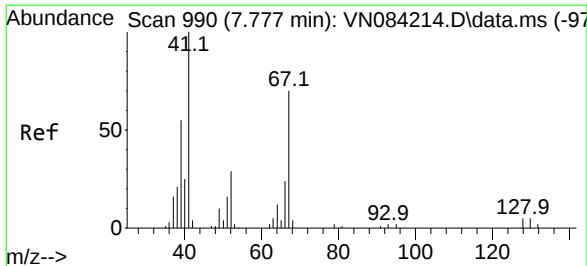


#40
Benzene
Concen: 5.276 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00



Tgt Ion: 78 Resp: 45343
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7





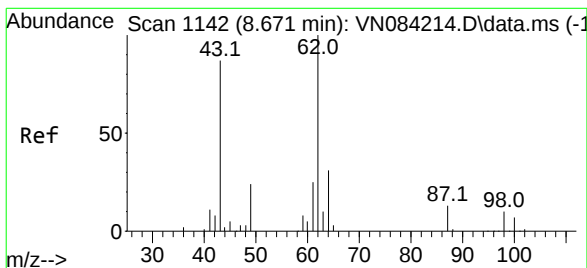
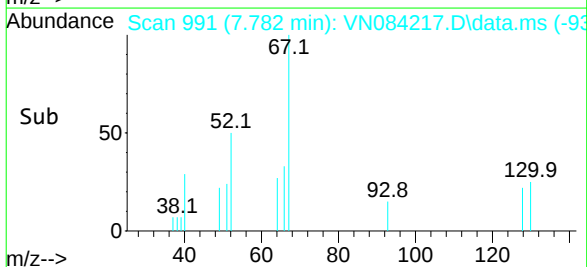
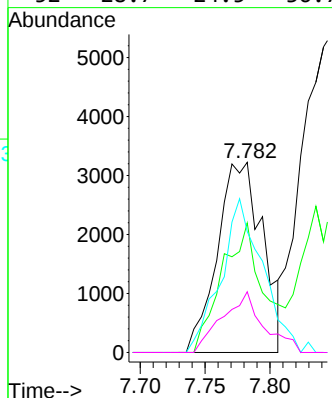
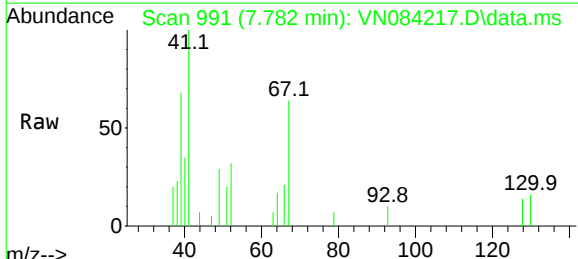
#41
Methacrylonitrile
Concen: 5.128 ug/l
RT: 7.782 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	7878
Ion	Ratio	Lower	Upper
41	100		
39	63.1	43.3	64.9
67	74.5	56.1	84.1
52	28.7	24.5	36.7

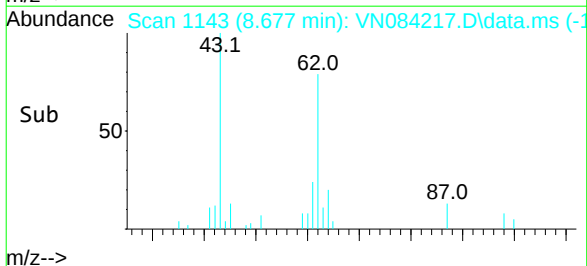
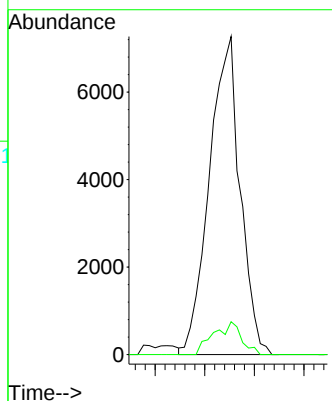
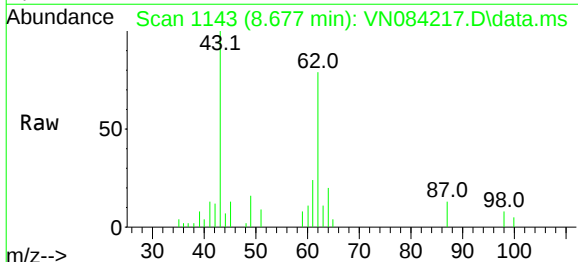
Manual Integrations
APPROVED

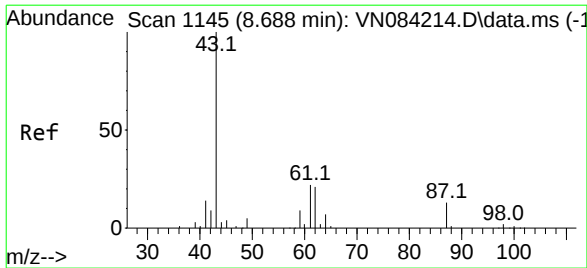
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#42
1,2-Dichloroethane
Concen: 5.375 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion:	62	Resp:	15661
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2





#43

Isopropyl Acetate

Concen: 5.059 ug/l m

RT: 8.682 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

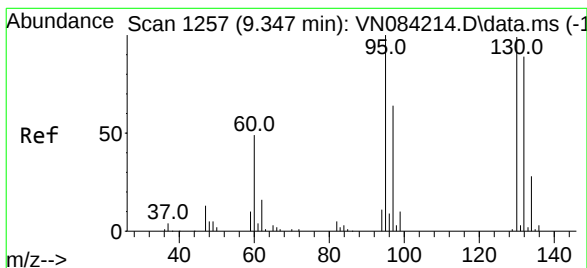
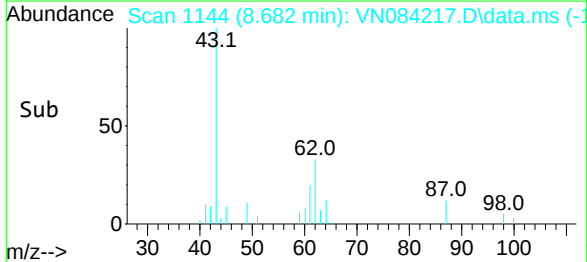
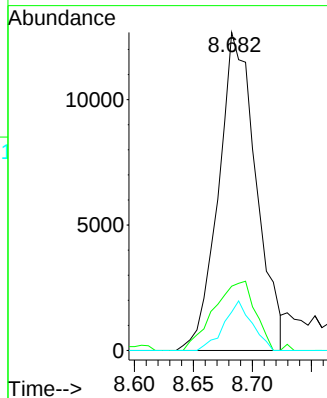
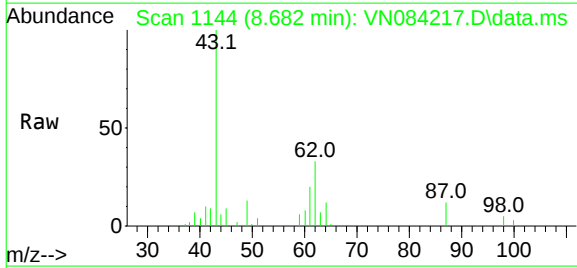
Tgt Ion:	43	Resp:	28029
Ion	Ratio	Lower	Upper
43	100		
61	24.0	20.4	30.6
87	11.7	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#44

Trichloroethene

Concen: 5.440 ug/l

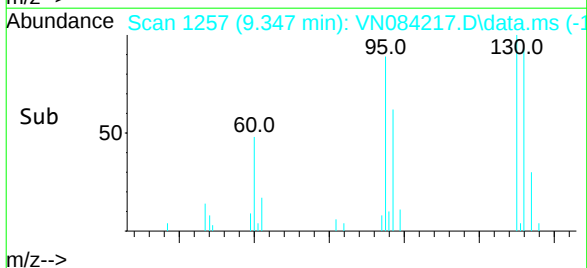
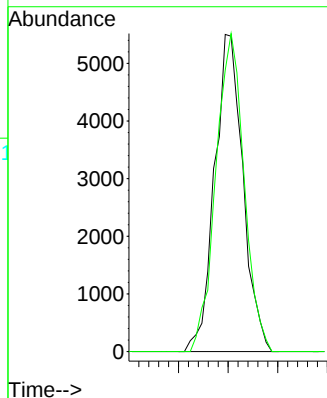
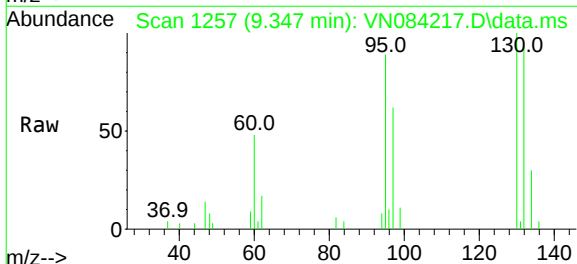
RT: 9.347 min Scan# 1257

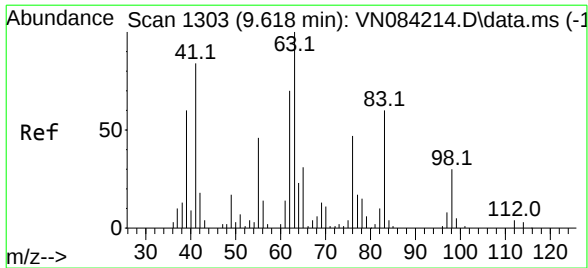
Delta R.T. -0.000 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Tgt Ion:	130	Resp:	10921
Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	203.0





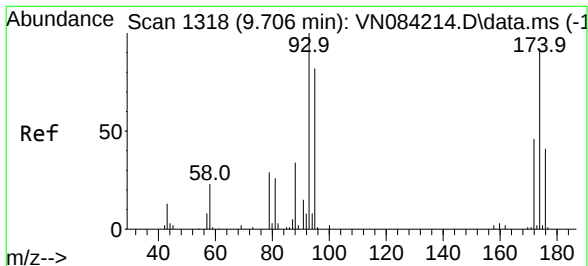
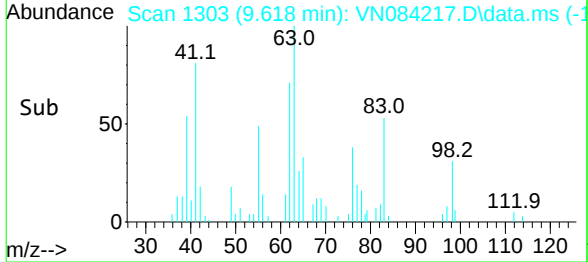
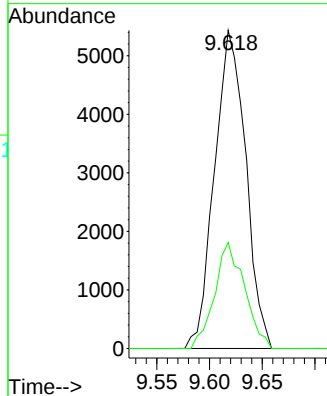
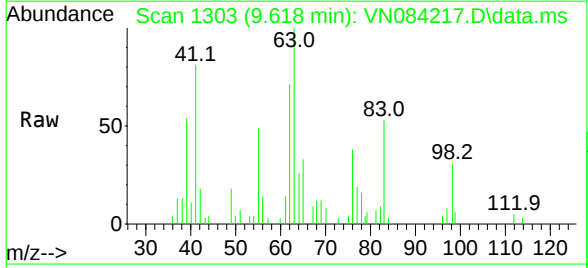
#45
1,2-Dichloropropane
Concen: 5.499 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 11181
Ion Ratio Lower Upper
63 100
65 33.3 24.6 37.0

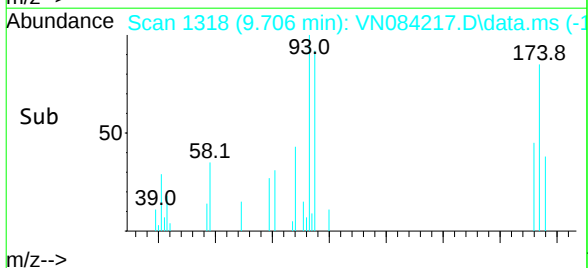
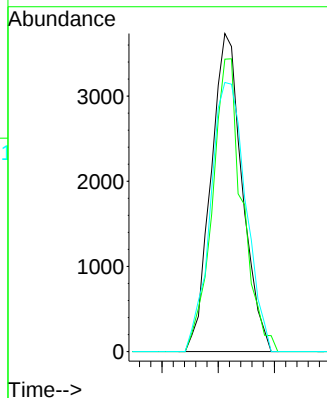
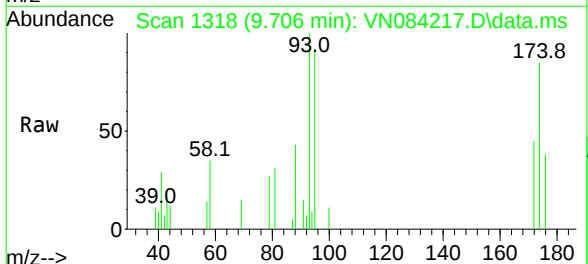
Manual Integrations
APPROVED

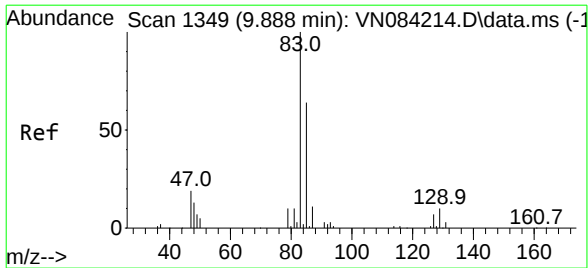
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#46
Dibromomethane
Concen: 5.253 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion: 93 Resp: 7207
Ion Ratio Lower Upper
93 100
95 88.6 65.0 97.4
174 95.8 71.8 107.8





#47
 Bromodichloromethane
 Concen: 5.382 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. -0.000 min
 Lab File: VN084217.D
 Acq: 30 Sep 2024 14:00

Instrument :

MSVOA_N

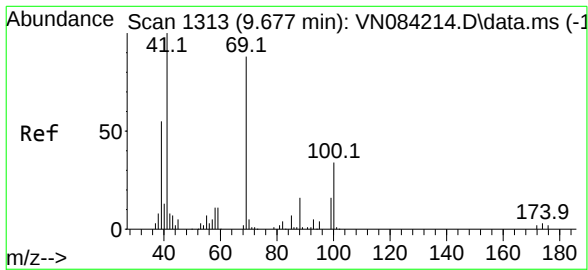
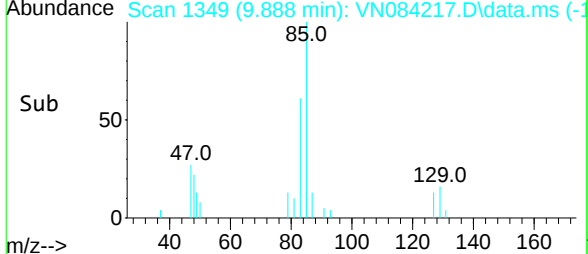
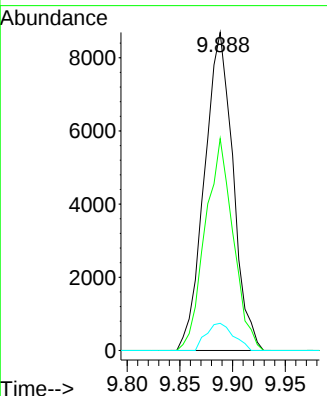
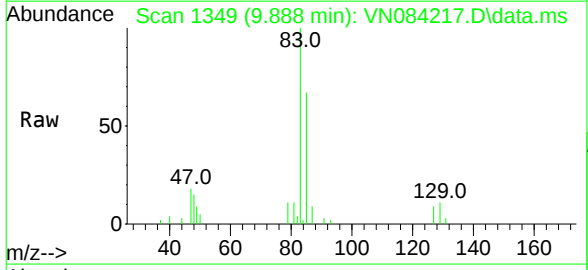
ClientSampleId :

VSTDIC005

Tgt Ion:	83	Resp:	16407
Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.5	77.3
127	8.5	5.7	8.5

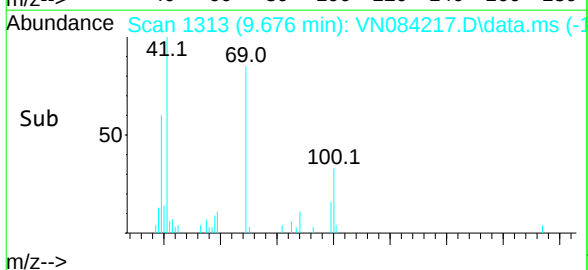
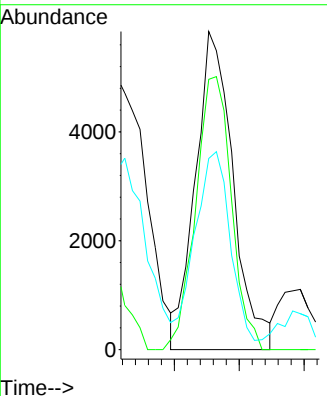
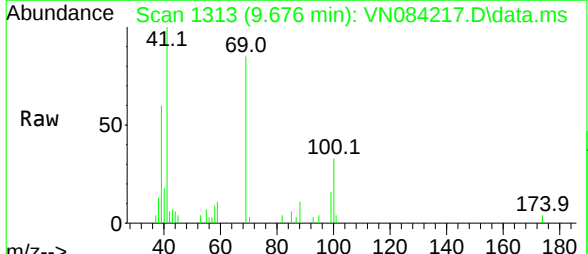
Manual Integrations
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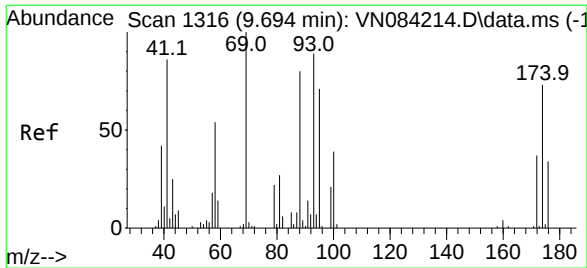
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#48
 Methyl methacrylate
 Concen: 5.332 ug/l
 RT: 9.676 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN084217.D
 Acq: 30 Sep 2024 14:00

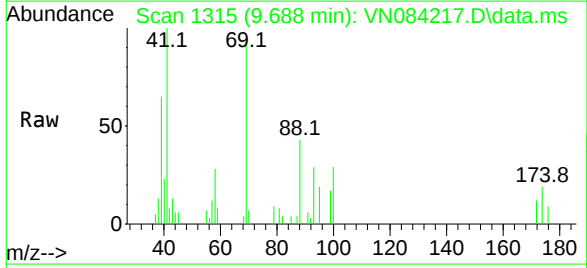
Tgt Ion:	41	Resp:	11766
Ion	Ratio	Lower	Upper
41	100		
69	81.4	67.1	100.7
39	60.1	45.8	68.6





#49
1,4-Dioxane
Concen: 101.444 ug/l
RT: 9.688 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

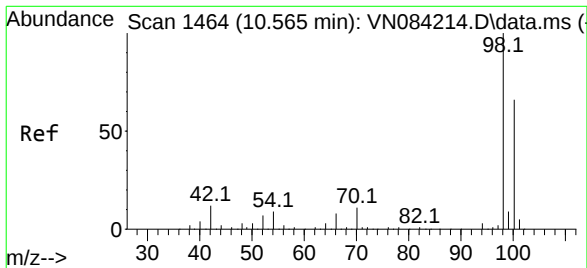
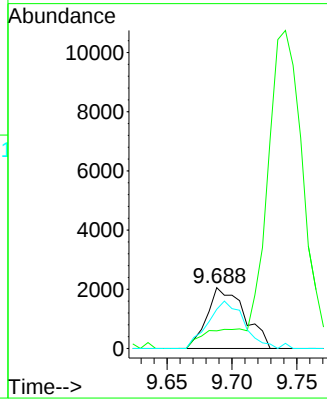
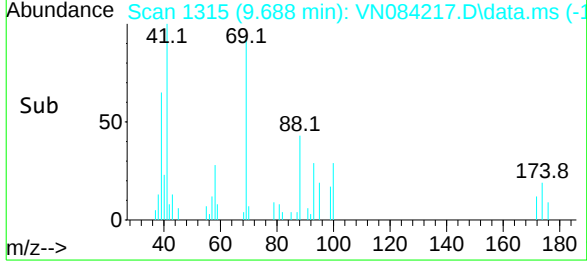
Instrument : MSVOA_N
ClientSampleId : VSTDIC005



Tgt Ion: 88 Resp: 4121
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 74.7 56.4 84.6

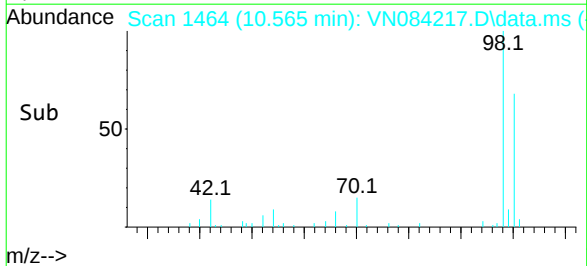
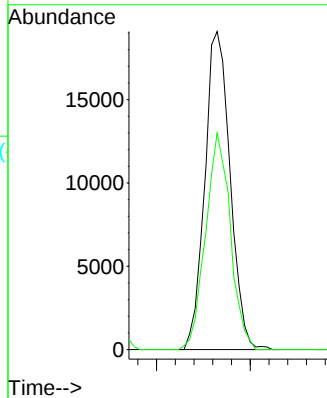
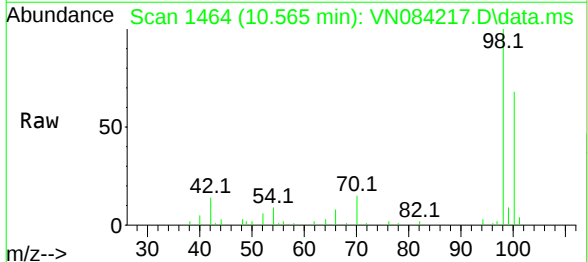
Manual Integrations
APPROVED

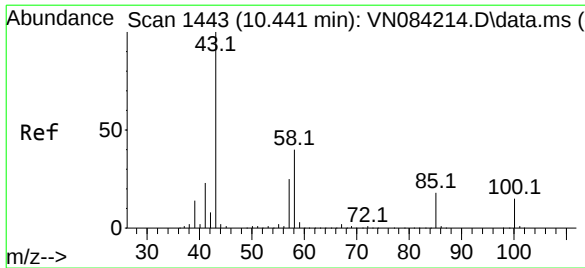
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#50
Toluene-d8
Concen: 5.121 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion: 98 Resp: 35782
Ion Ratio Lower Upper
98 100
100 66.5 52.7 79.1





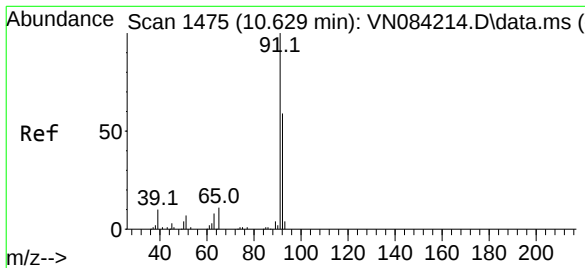
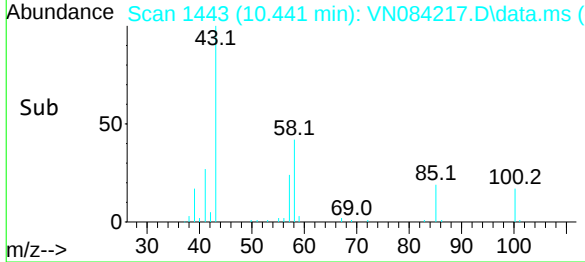
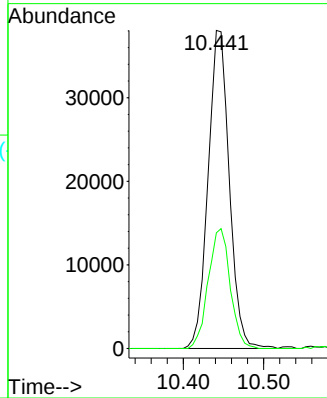
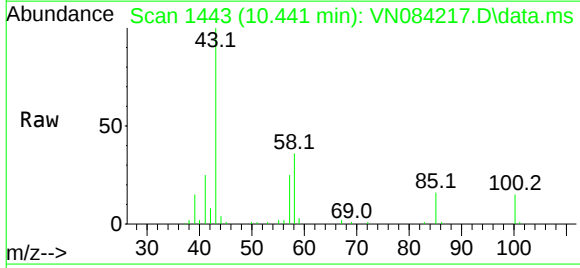
#51
4-Methyl-2-Pentanone
Concen: 25.883 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 69730
Ion Ratio Lower Upper
43 100
58 39.0 31.6 47.4

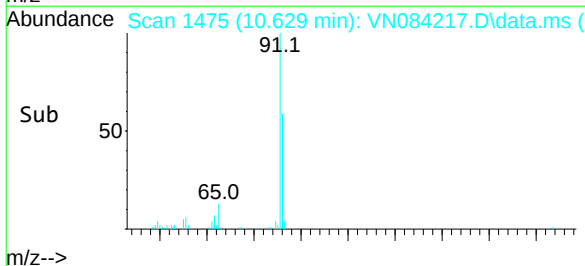
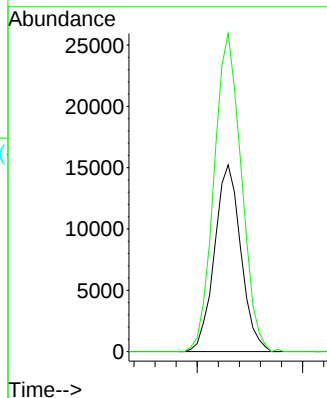
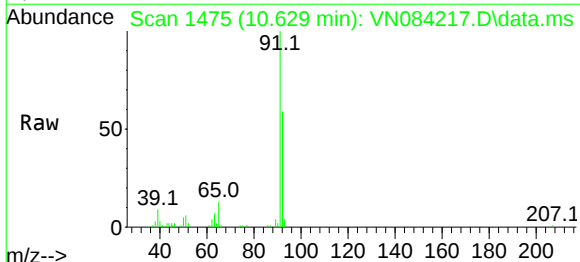
Manual Integrations
APPROVED

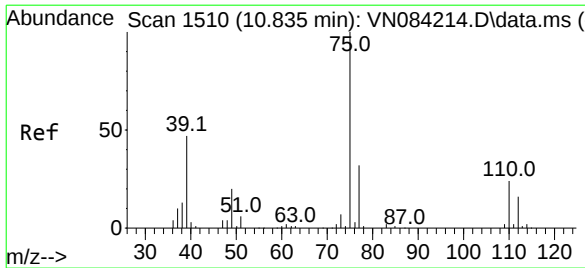
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#52
Toluene
Concen: 5.054 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion: 92 Resp: 26489
Ion Ratio Lower Upper
92 100
91 176.6 137.3 205.9





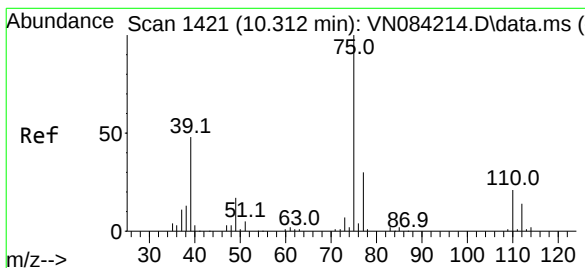
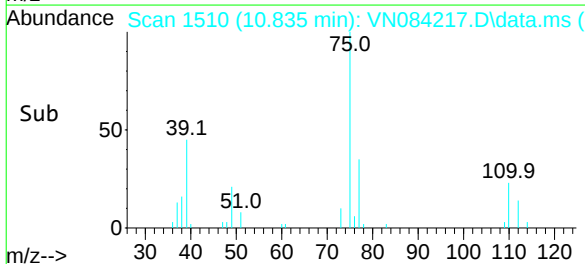
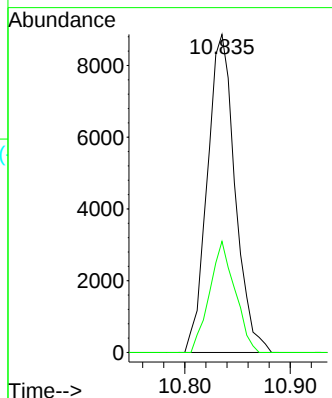
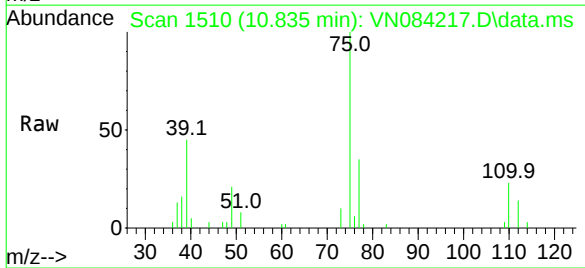
#53
t-1,3-Dichloropropene
Concen: 5.227 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 16242
Ion Ratio Lower Upper
75 100
77 34.9 25.4 38.0

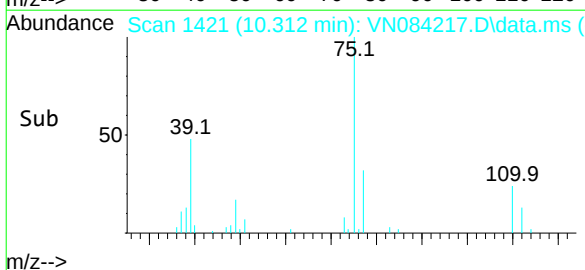
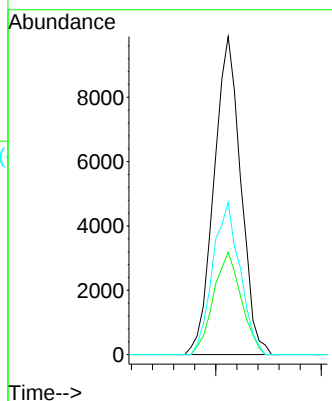
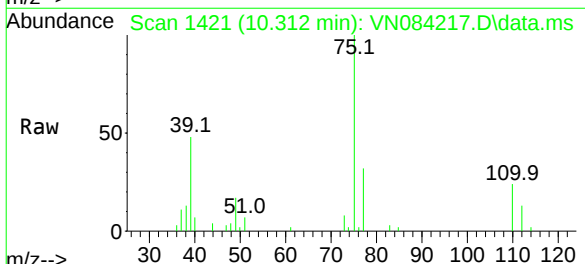
Manual Integrations
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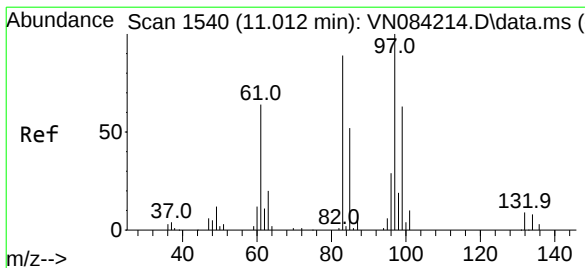
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#54
cis-1,3-Dichloropropene
Concen: 5.220 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion: 75 Resp: 17448
Ion Ratio Lower Upper
75 100
77 32.2 24.2 36.2
39 47.8 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 5.219 ug/l

RT: 11.018 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 97 Resp: 9805

Ion Ratio Lower Upper

97 100

83 100.1 71.0 106.4

85 58.2 41.7 62.5

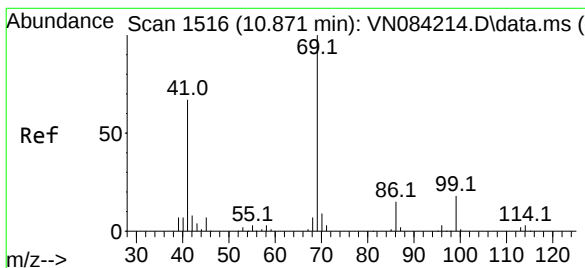
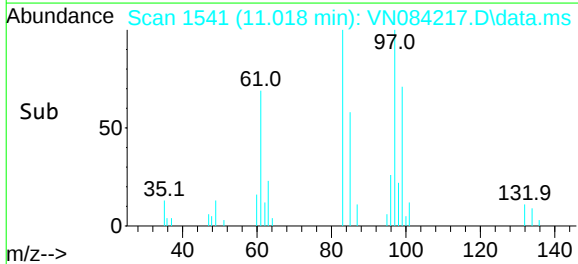
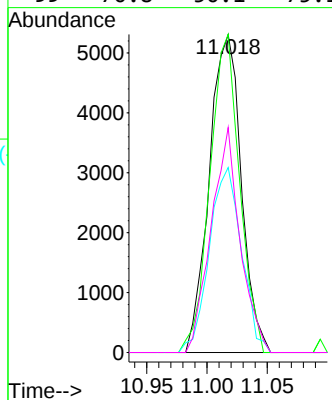
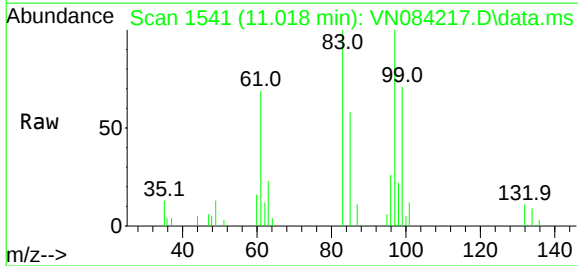
99 70.8 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#56

Ethyl methacrylate

Concen: 5.109 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

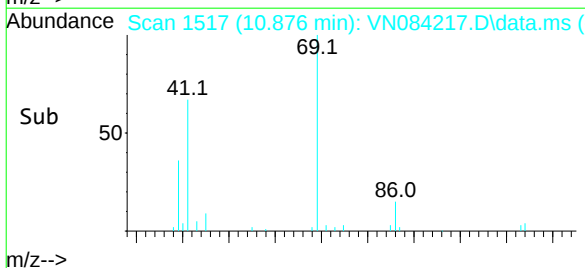
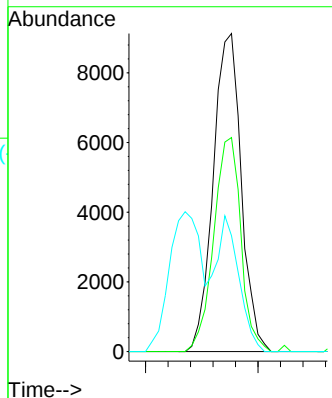
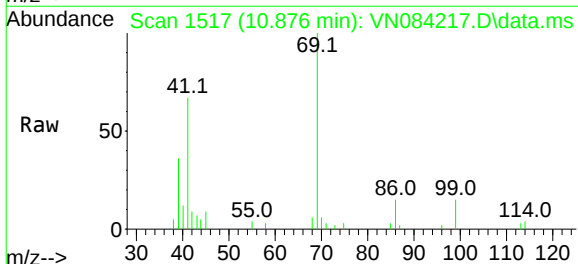
Tgt Ion: 69 Resp: 15794

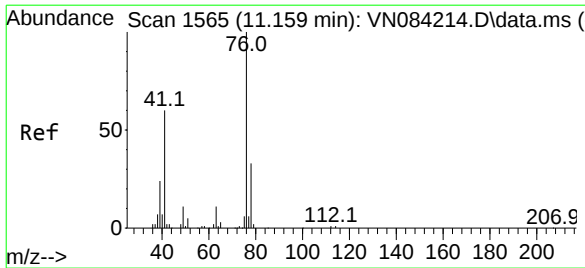
Ion Ratio Lower Upper

69 100

41 65.1 53.3 79.9

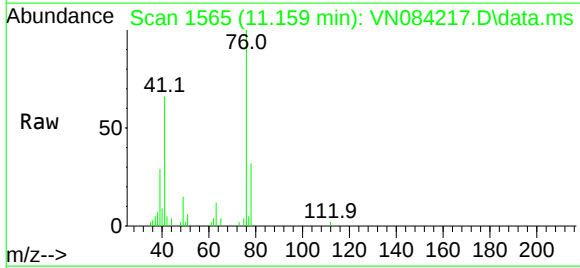
39 31.7 28.8 43.2





#57
1,3-Dichloropropane
Concen: 5.348 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

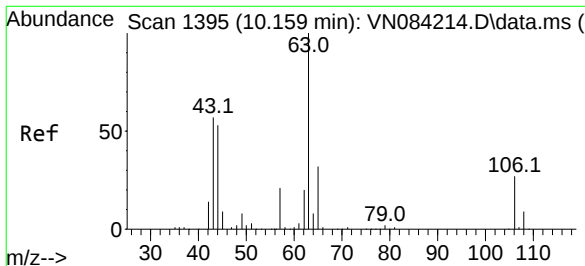
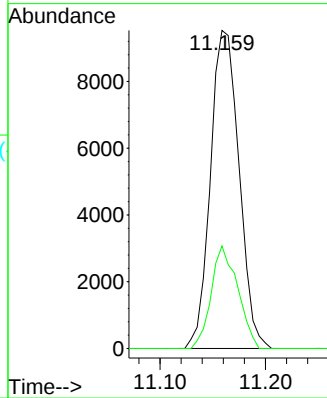
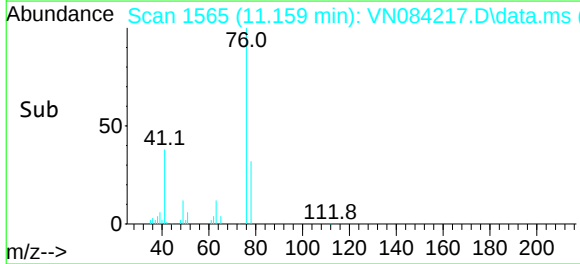
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 17954
Ion Ratio Lower Upper
76 100
78 29.8 25.8 38.6

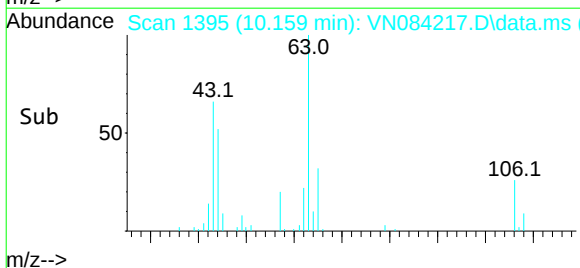
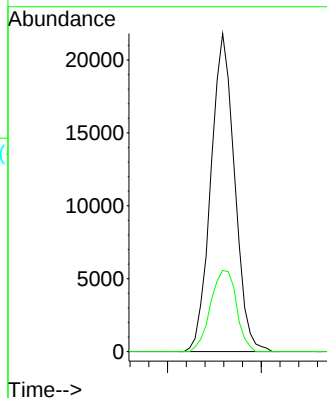
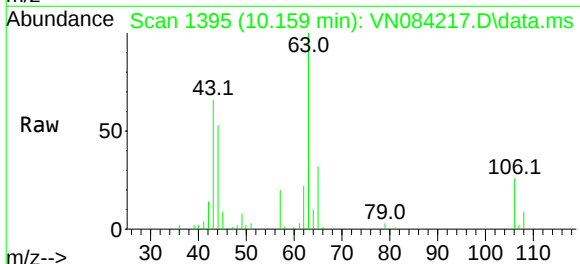
Manual Integrations
APPROVED

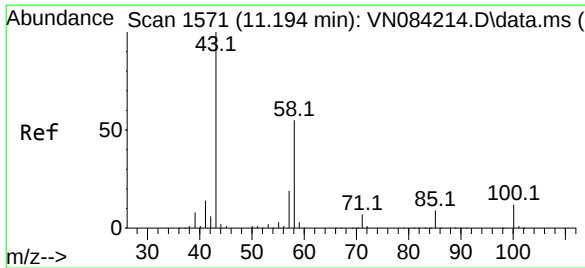
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 26.787 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion: 63 Resp: 38417
Ion Ratio Lower Upper
63 100
106 27.8 21.8 32.6





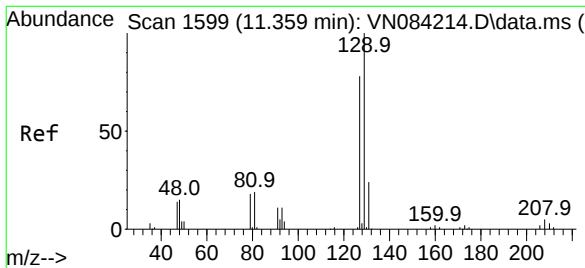
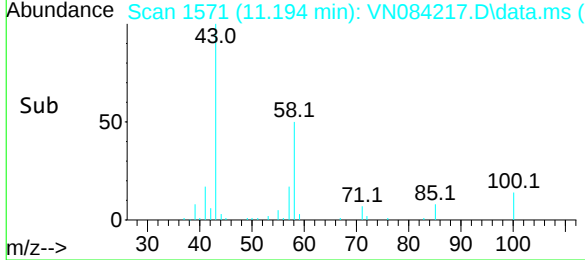
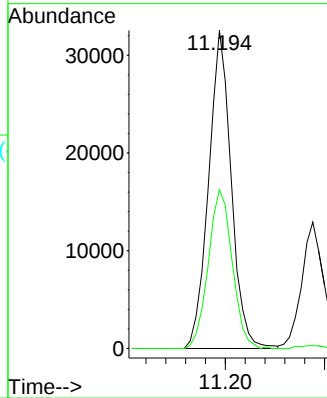
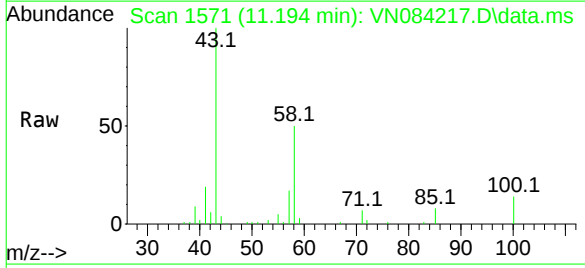
#59
2-Hexanone
Concen: 25.570 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 51488
Ion Ratio Lower Upper
43 100
58 52.7 27.3 81.8

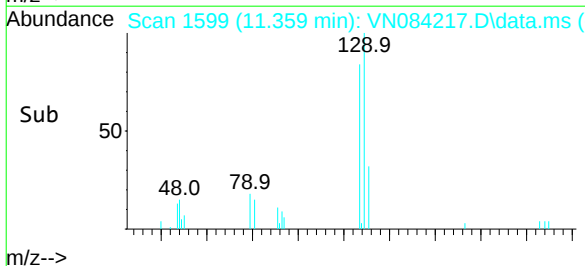
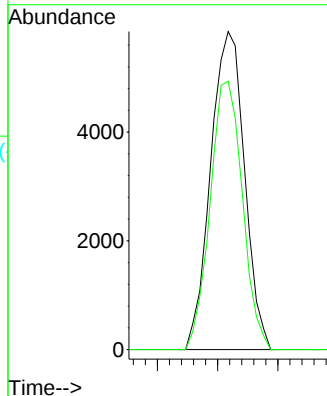
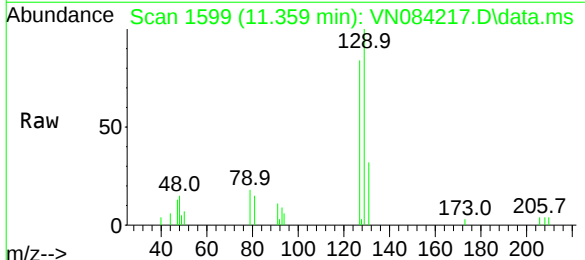
Manual Integrations
APPROVED

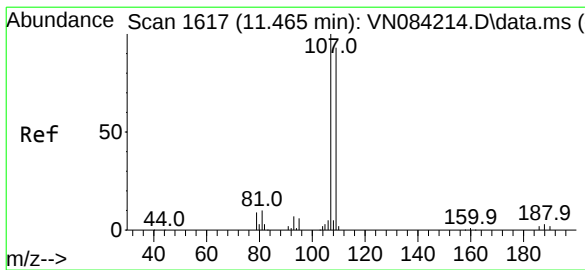
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#60
Dibromochloromethane
Concen: 5.141 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion:129 Resp: 11412
Ion Ratio Lower Upper
129 100
127 80.4 38.3 114.9





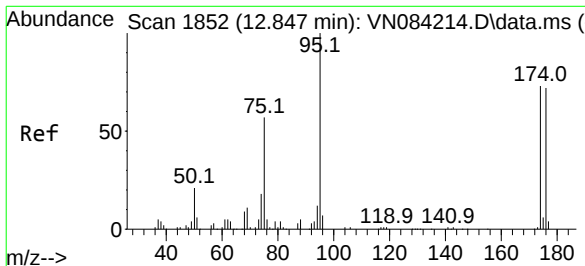
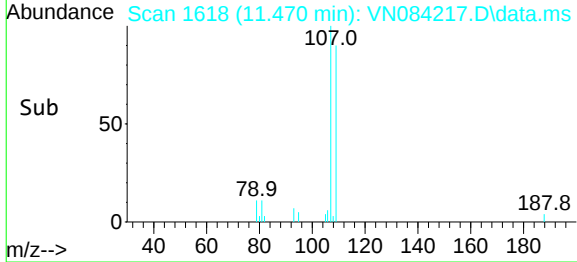
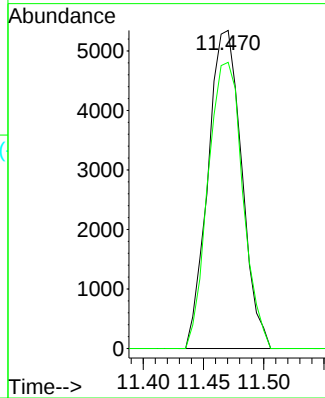
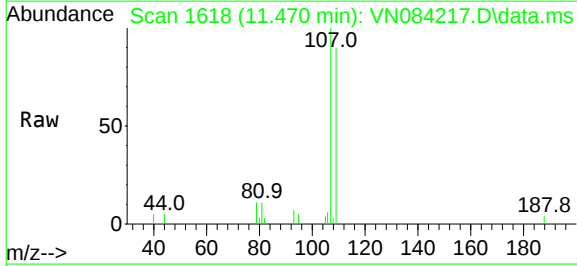
#61
1,2-Dibromoethane
Concen: 5.324 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 107 Resp: 10394
Ion Ratio Lower Upper
107 100
109 92.6 75.4 113.0

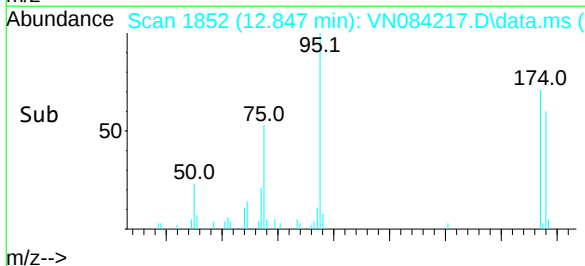
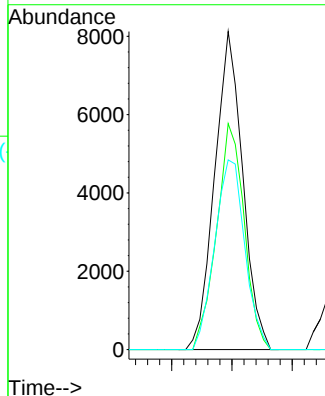
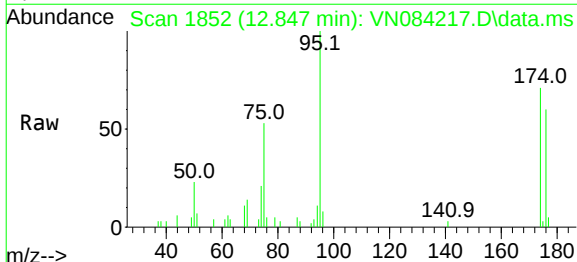
Manual Integrations
APPROVED

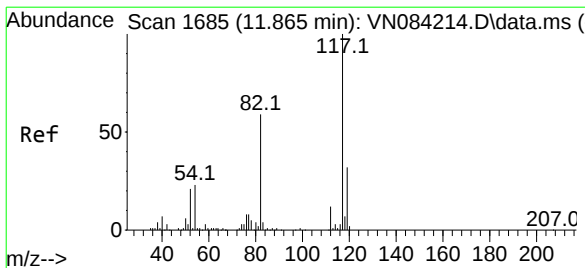
Reviewed By : John Carlone 10/01/2024
Supervised By : Mahesh Dadoda 10/01/2024



#62
4-Bromofluorobenzene
Concen: 5.159 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion: 95 Resp: 13132
Ion Ratio Lower Upper
95 100
174 70.1 0.0 145.2
176 64.1 0.0 140.0





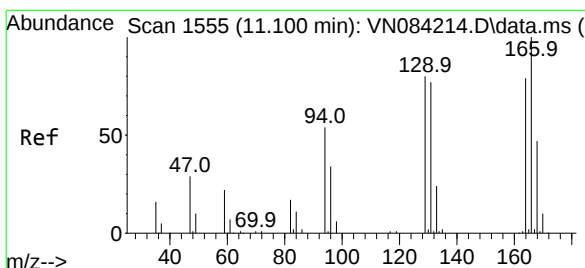
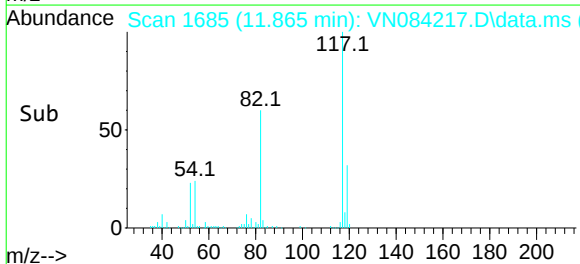
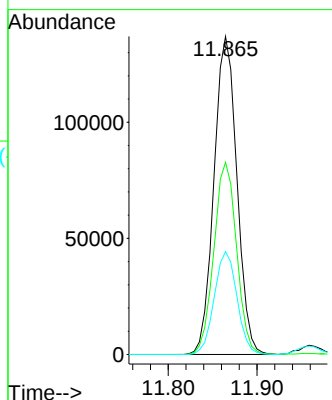
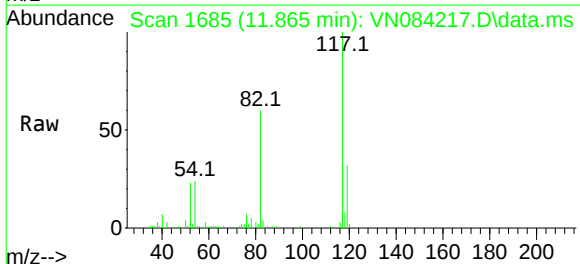
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 245710
Ion Ratio Lower Upper
117 100
82 60.4 47.2 70.8
119 32.4 25.4 38.0

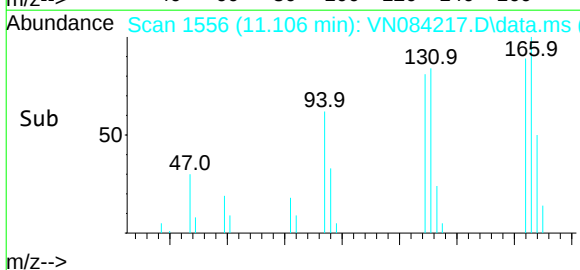
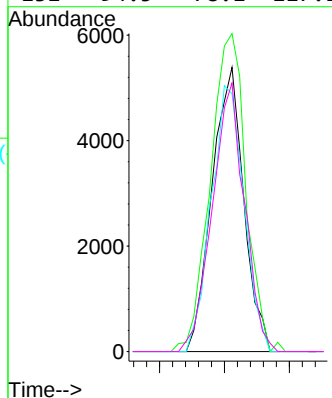
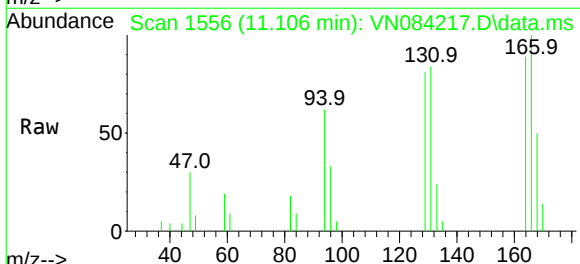
Manual Integrations
APPROVED

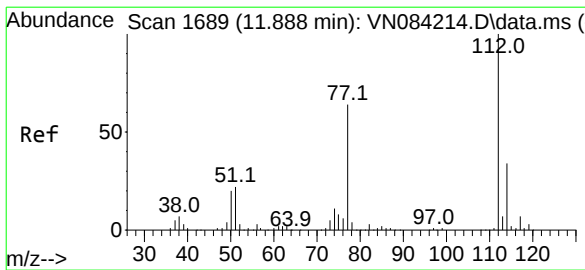
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#64
Tetrachloroethene
Concen: 5.356 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion:164 Resp: 9167
Ion Ratio Lower Upper
164 100
166 109.1 101.0 151.4
129 90.7 80.8 121.2
131 94.5 78.1 117.1





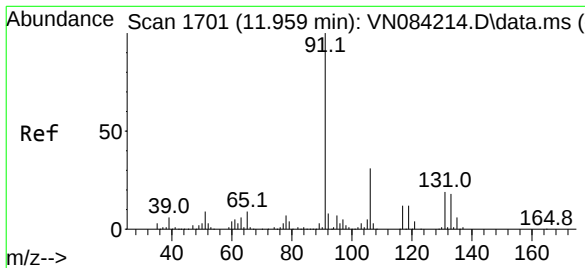
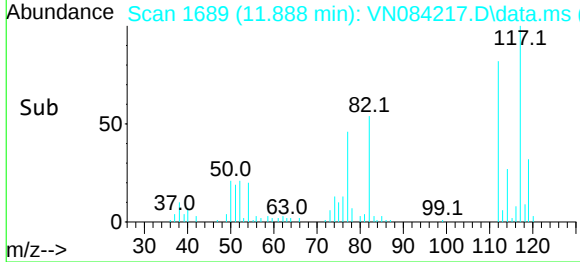
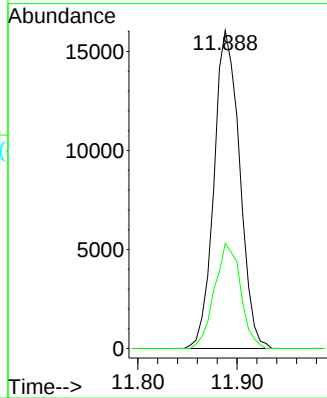
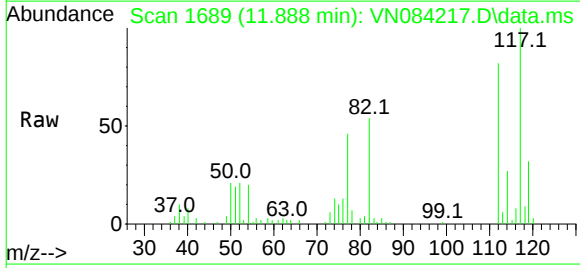
#65
Chlorobenzene
Concen: 5.290 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 28818
Ion Ratio Lower Upper
112 100
114 33.0 27.0 40.6

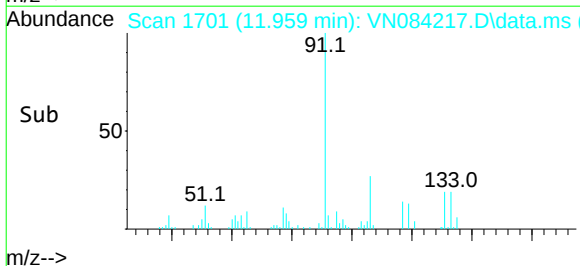
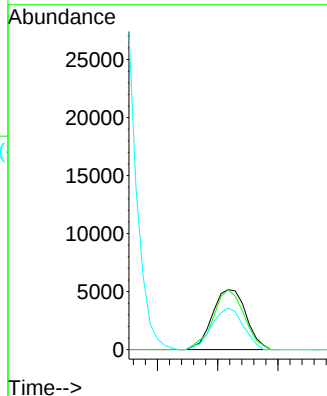
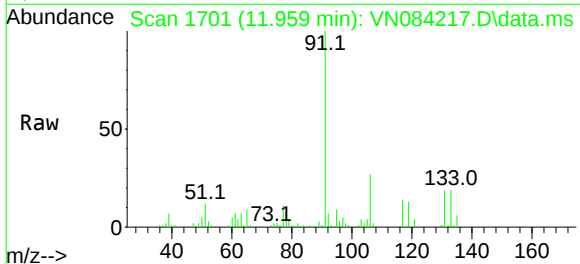
Manual Integrations
APPROVED

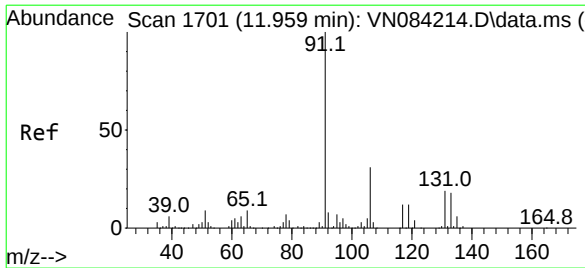
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 5.358 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion:131 Resp: 10054
Ion Ratio Lower Upper
131 100
133 91.7 47.9 143.7
119 64.8 32.8 98.3





#67

Ethyl Benzene

Concen: 5.178 ug/l

RT: 11.965 min Scan# 1719

Delta R.T. 0.006 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 49891

Ion Ratio Lower Upper

91 100

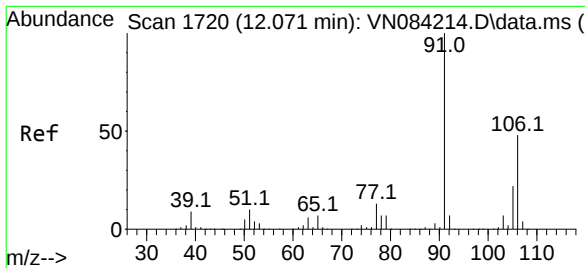
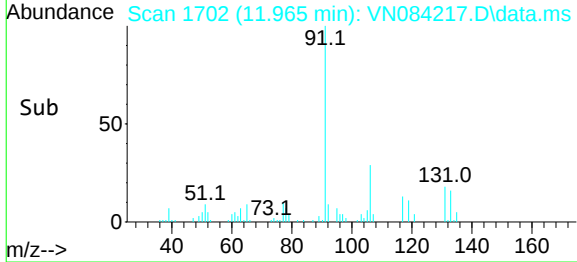
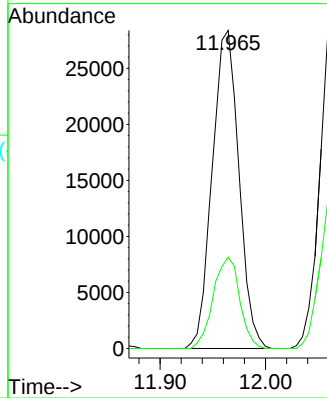
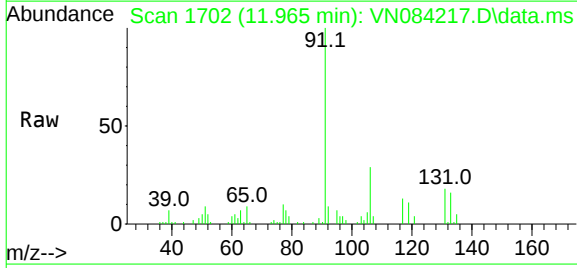
106 28.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#68

m/p-Xylenes

Concen: 10.051 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN084217.D

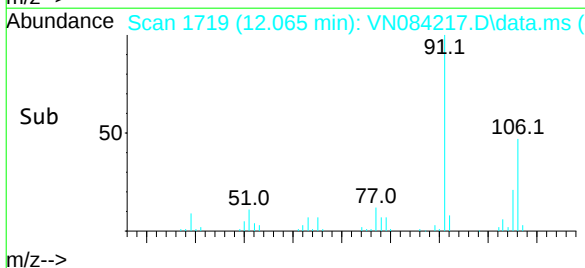
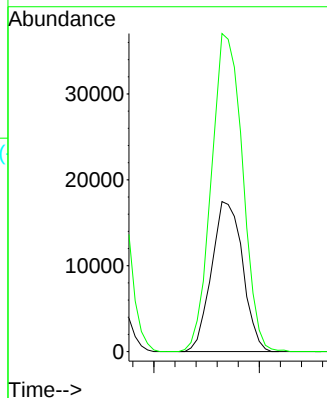
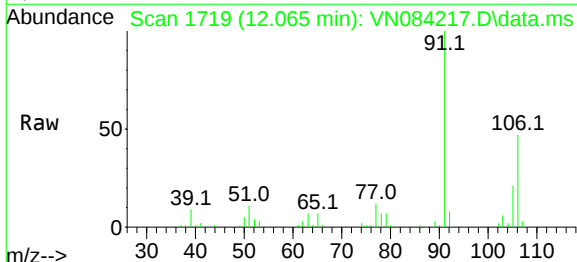
Acq: 30 Sep 2024 14:00

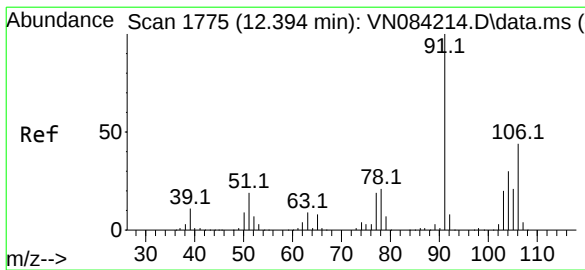
Tgt Ion:106 Resp: 35820

Ion Ratio Lower Upper

106 100

91 212.5 167.1 250.7





#69

o-Xylene

Concen: 5.350 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:106 Resp: 18041

Ion Ratio Lower Upper

106 100

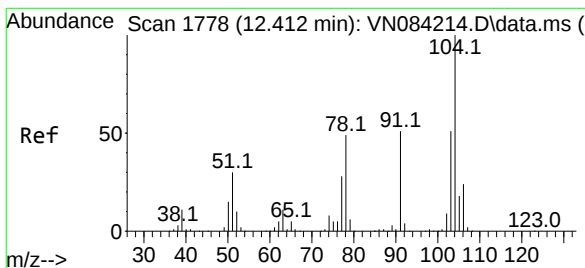
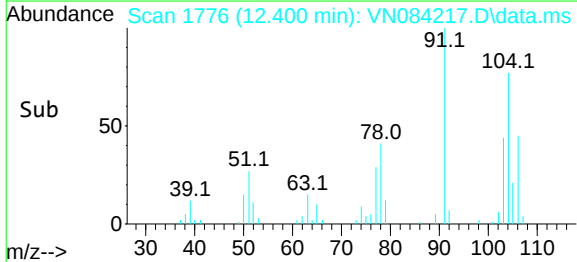
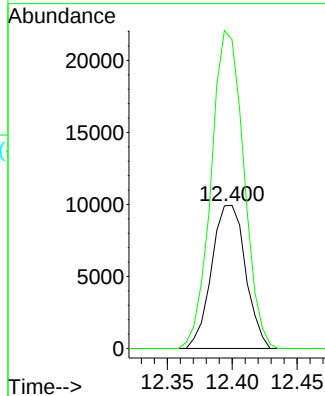
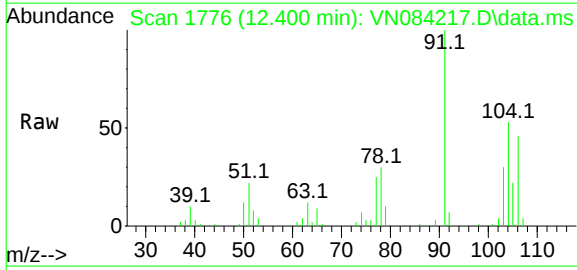
91 214.1 110.2 330.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#70

Styrene

Concen: 4.985 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

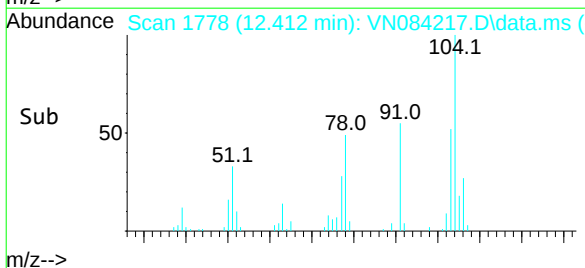
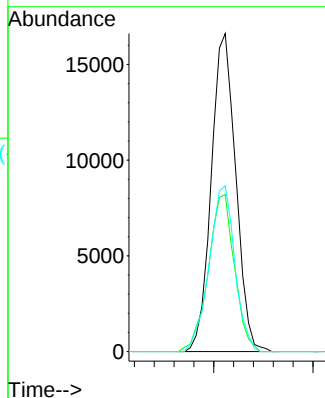
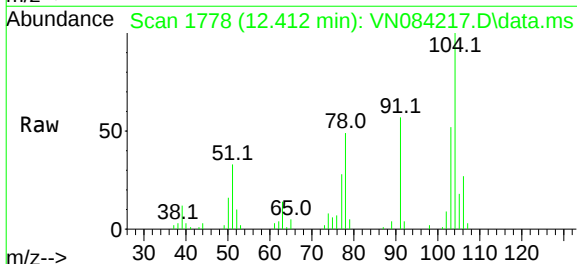
Tgt Ion:104 Resp: 28472

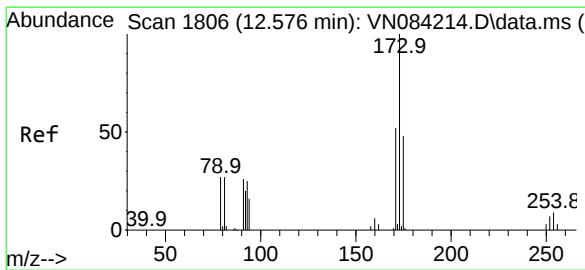
Ion Ratio Lower Upper

104 100

78 52.7 42.7 64.1

103 54.5 43.6 65.4





#71

Bromoform

Concen: 5.115 ug/l

RT: 12.582 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

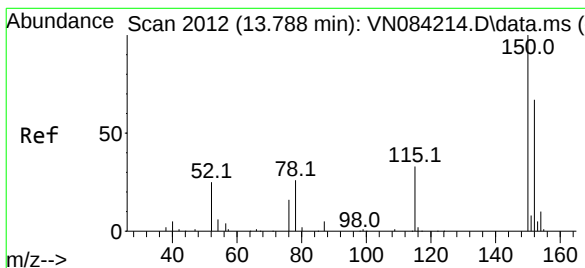
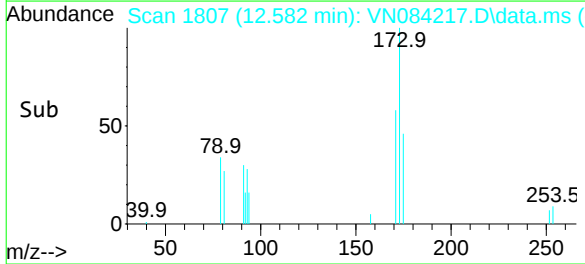
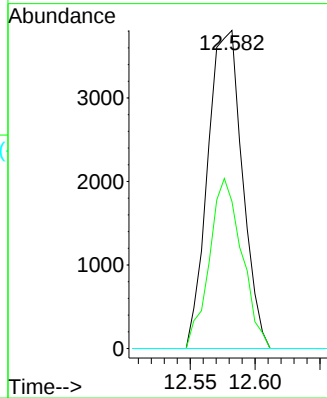
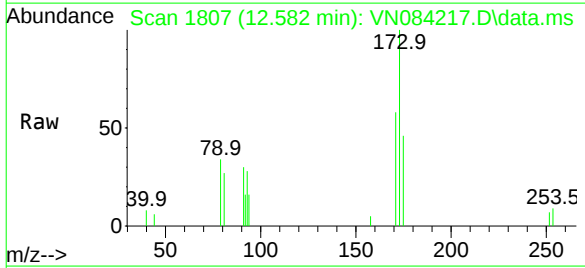
Tgt Ion:	173	Resp:	7067
Ion Ratio	Lower	Upper	
173	100		
175	50.2	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

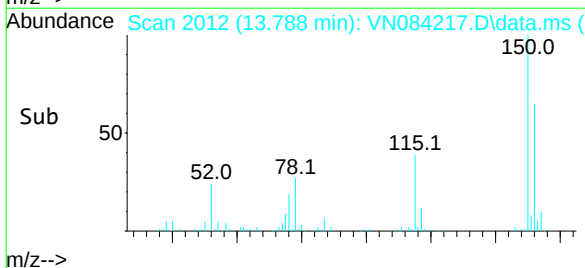
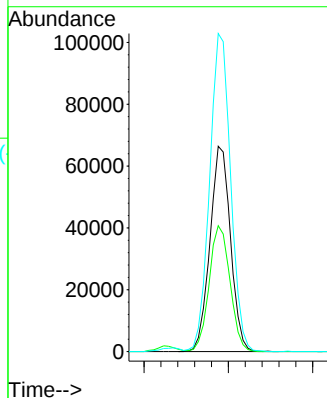
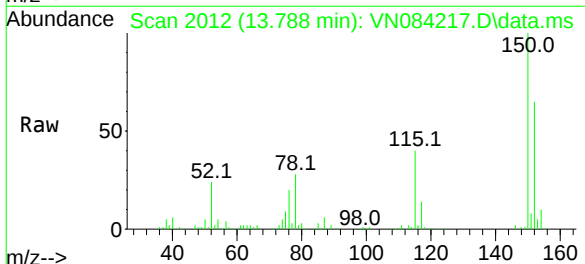
RT: 13.788 min Scan# 2012

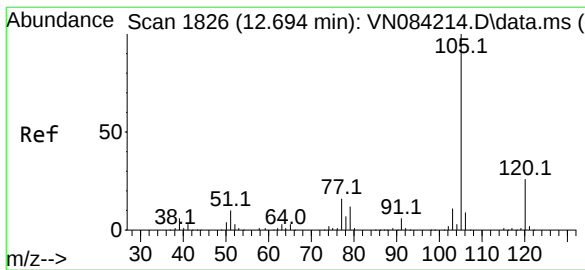
Delta R.T. -0.000 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Tgt Ion:	152	Resp:	112491
Ion Ratio	Lower	Upper	
152	100		
115	62.1	31.3	93.9
150	158.0	0.0	349.8





#73

Isopropylbenzene

Concen: 5.064 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 43468

Ion Ratio Lower Upper

105 100

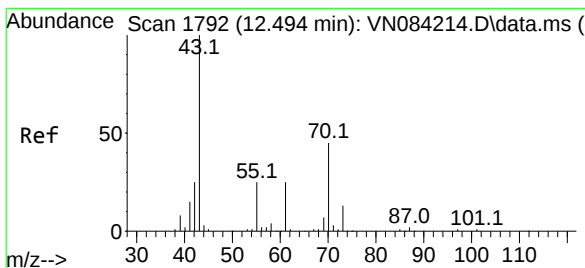
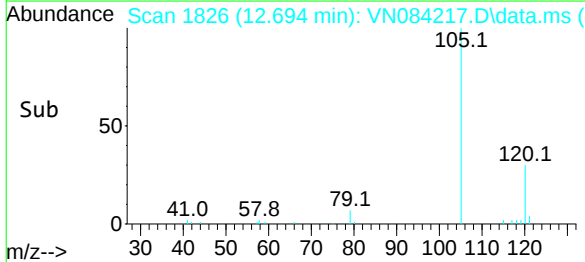
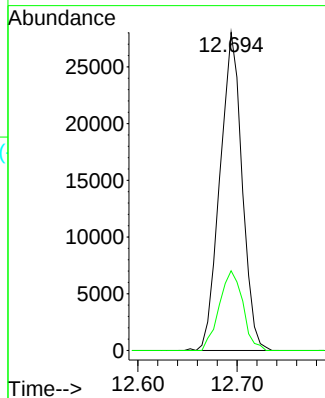
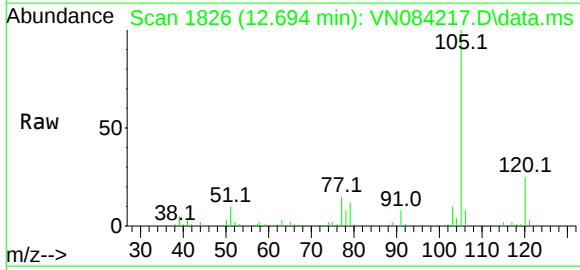
120 26.7 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#74

N-ethyl acetate

Concen: 5.087 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Tgt Ion: 43 Resp: 19775

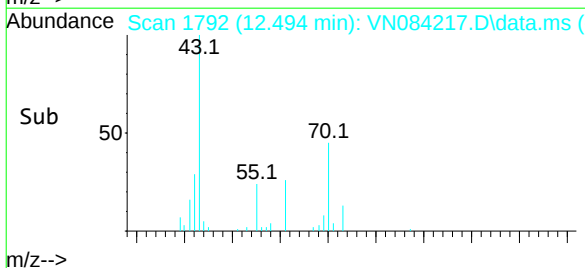
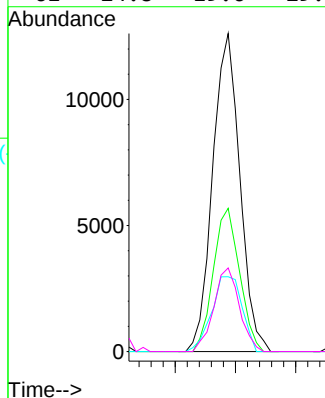
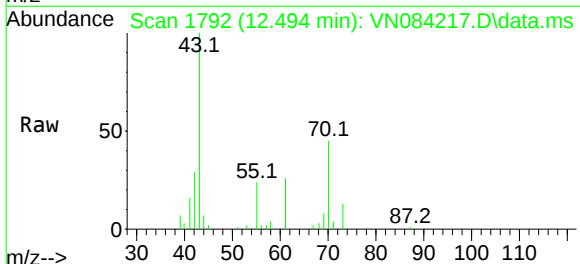
Ion Ratio Lower Upper

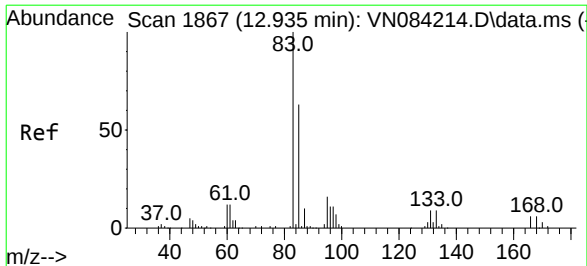
43 100

70 43.5 34.4 51.6

55 26.3 19.6 29.4

61 24.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 5.624 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

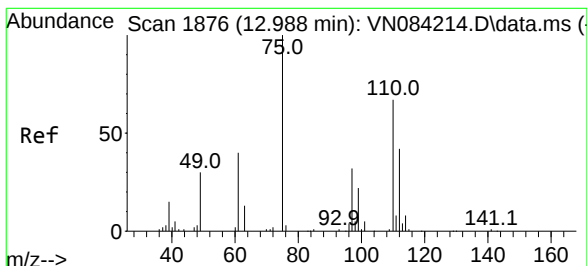
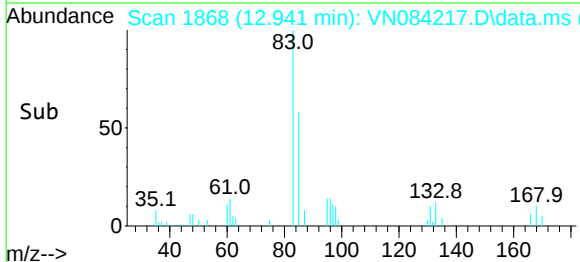
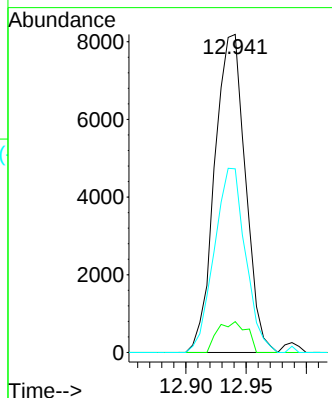
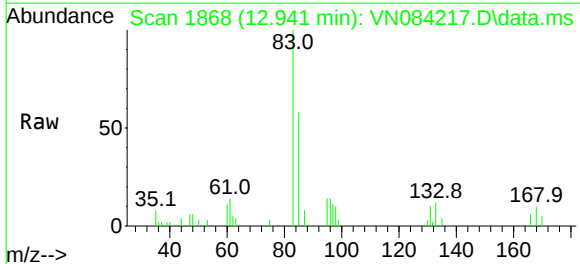
Tgt Ion: 83	Resp: 14517
Ion Ratio	Lower Upper
83 100	
131 9.2	4.9 14.7
85 59.0	31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#76

1,2,3-Trichloropropane

Concen: 6.276 ug/l m

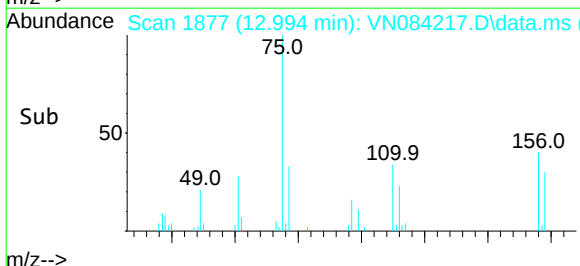
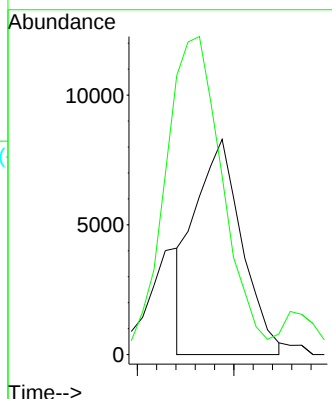
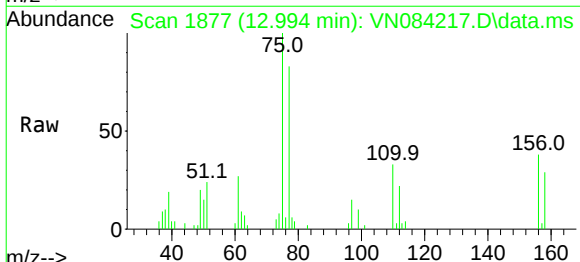
RT: 12.994 min Scan# 1877

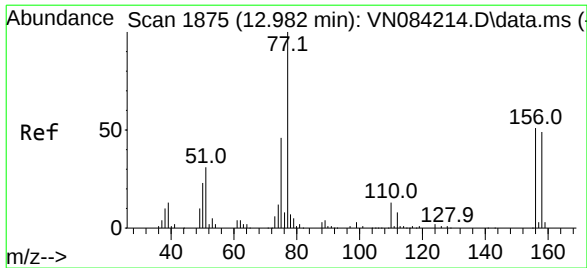
Delta R.T. 0.006 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

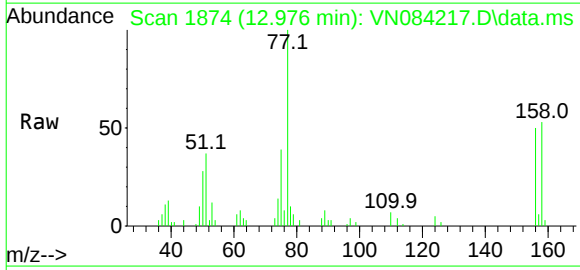
Tgt Ion: 75	Resp: 14072
Ion Ratio	Lower Upper
75 100	
77 180.3	96.9 290.7





#77
Bromobenzene
Concen: 5.336 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

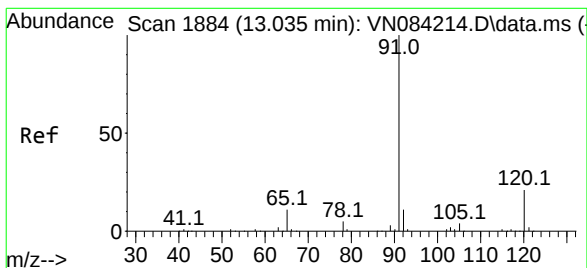
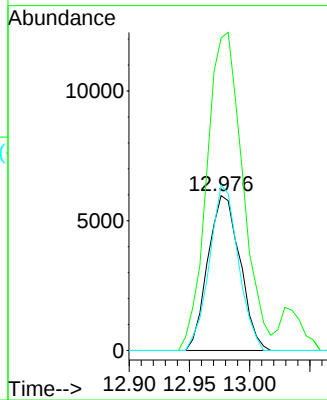
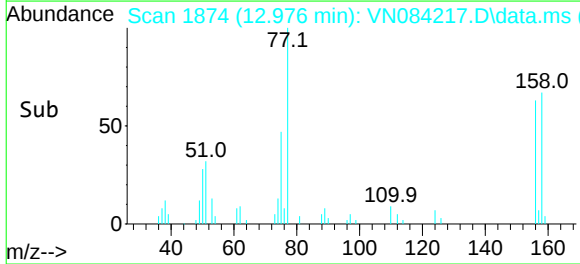
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 156 Resp: 11049
Ion Ratio Lower Upper
156 100
77 229.7 115.1 345.3
158 96.2 48.9 146.8

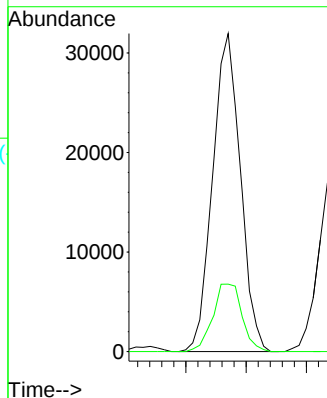
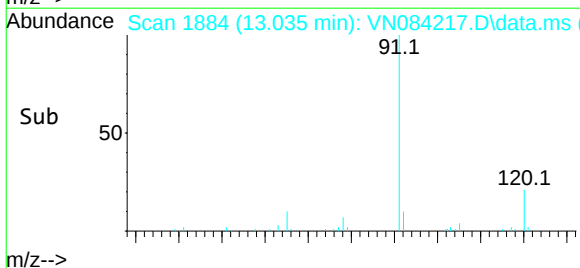
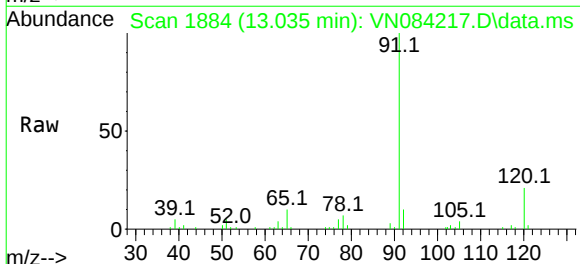
Manual Integrations
APPROVED

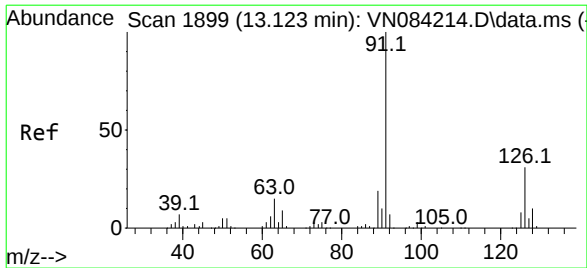
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#78
n-propylbenzene
Concen: 5.140 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion: 91 Resp: 51120
Ion Ratio Lower Upper
91 100
120 22.3 10.8 32.4





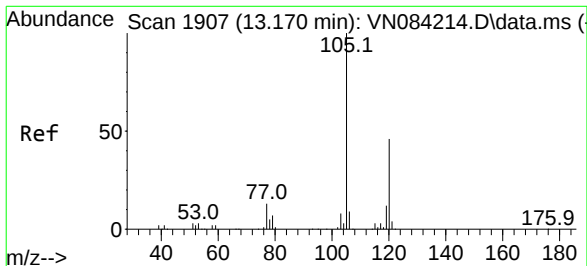
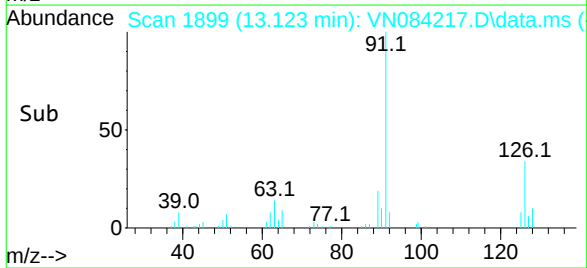
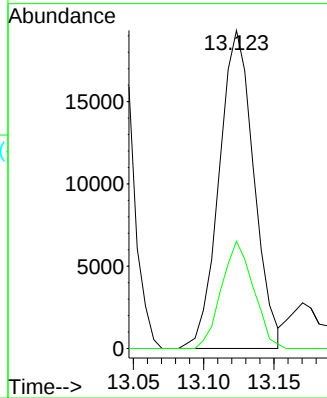
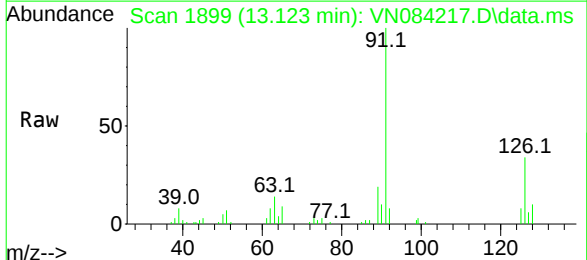
#79
2-Chlorotoluene
Concen: 5.225 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 33161
Ion Ratio Lower Upper
91 100
126 31.0 15.7 47.1

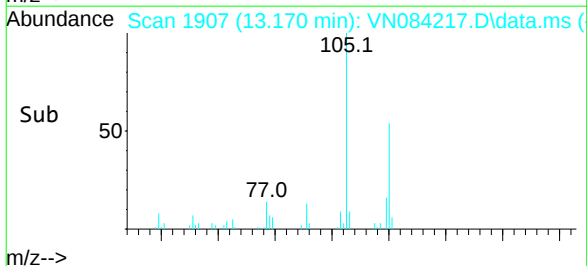
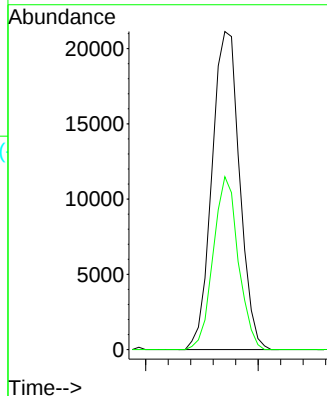
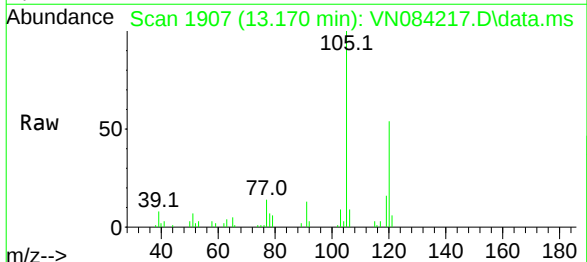
Manual Integrations
APPROVED

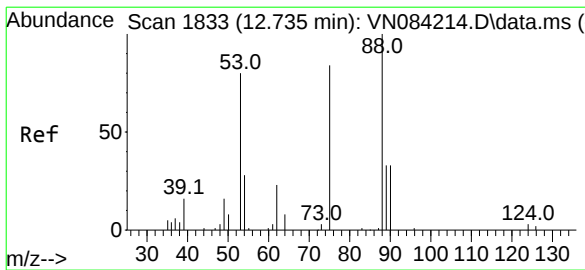
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.156 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion:105 Resp: 36100
Ion Ratio Lower Upper
105 100
120 49.2 23.7 71.1





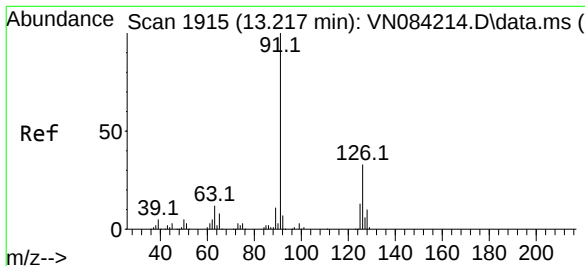
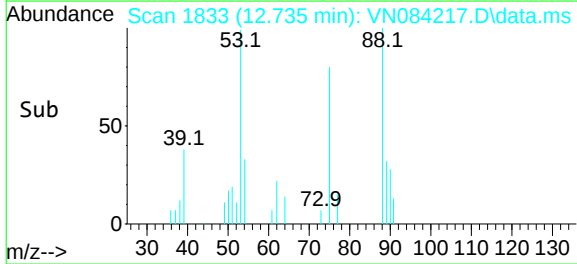
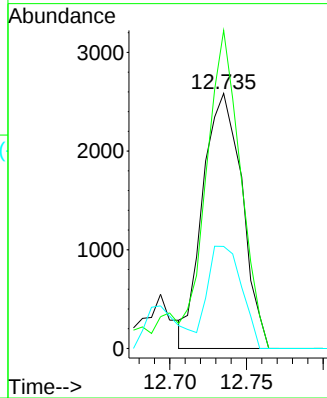
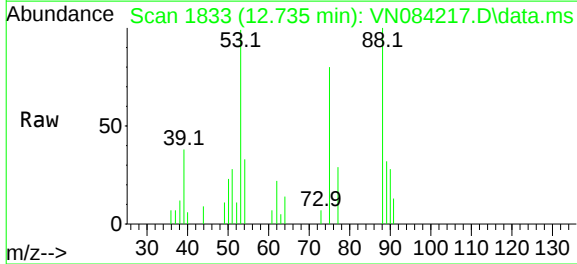
#81
trans-1,4-Dichloro-2-butene
Concen: 4.797 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument : MSVOA_N
ClientSampleId : VSTDICC005

Tgt Ion: 75 Resp: 4595
Ion Ratio Lower Upper
75 100
53 120.1 78.0 117.0#
89 34.5 35.5 53.3#

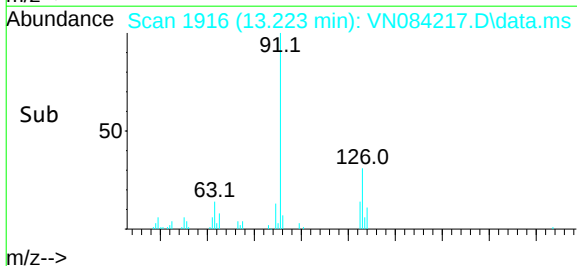
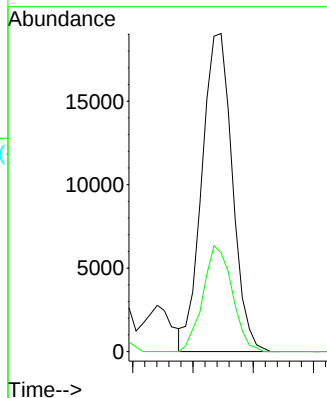
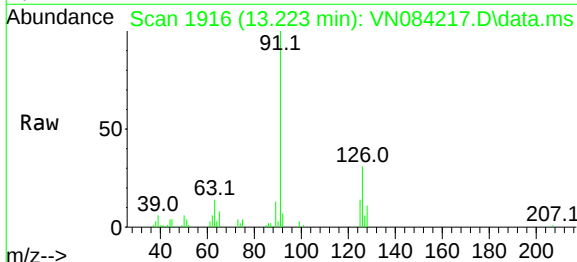
Manual Integrations
APPROVED

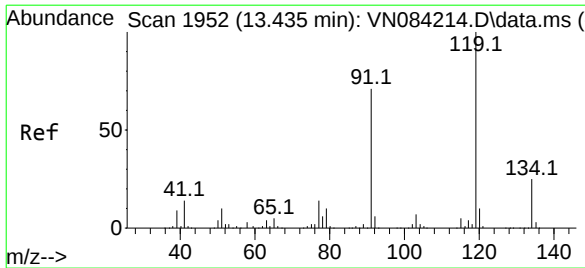
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#82
4-Chlorotoluene
Concen: 5.225 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion: 91 Resp: 33382
Ion Ratio Lower Upper
91 100
126 32.1 15.7 47.1





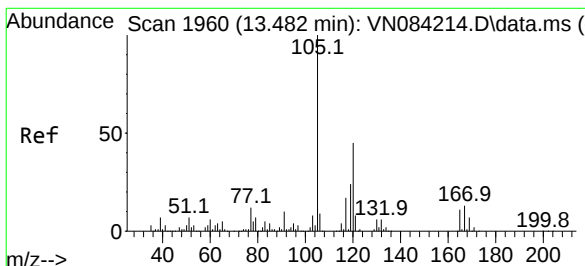
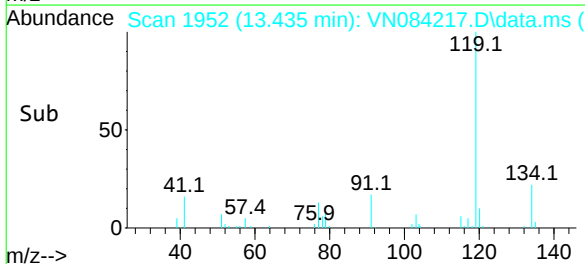
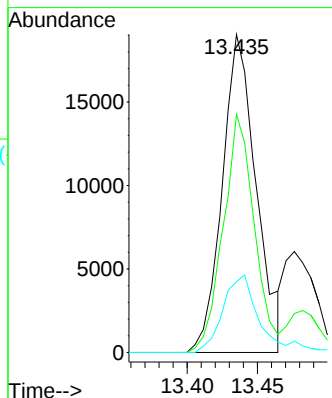
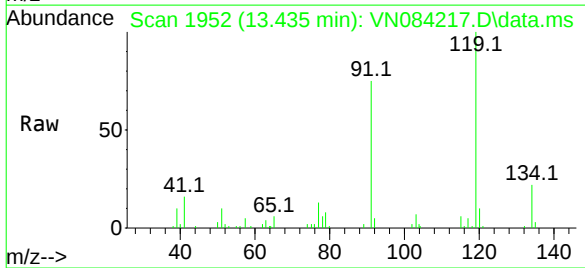
#83
tert-Butylbenzene
Concen: 5.140 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 31990
Ion Ratio Lower Upper
119 100
91 68.5 34.1 102.3
134 26.4 12.8 38.4

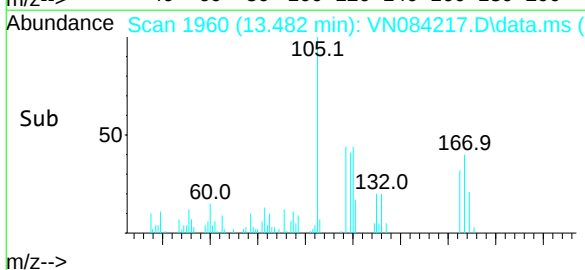
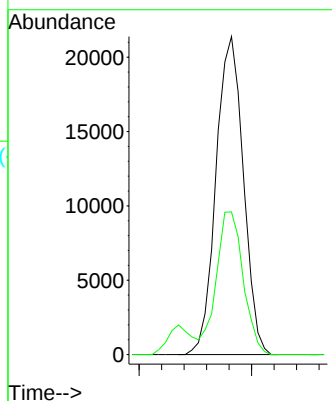
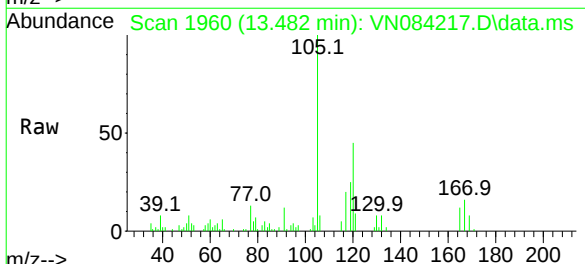
Manual Integrations
APPROVED

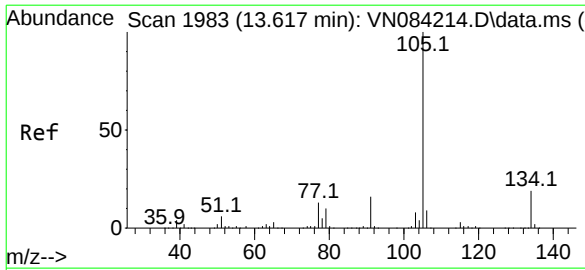
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#84
1,2,4-Trimethylbenzene
Concen: 5.118 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion:105 Resp: 36099
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.8





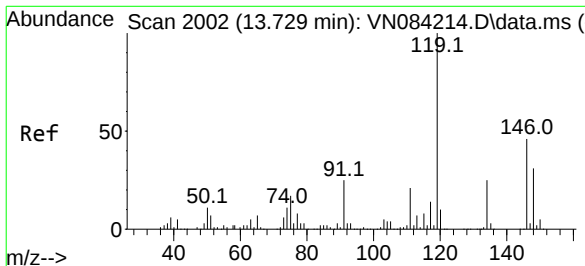
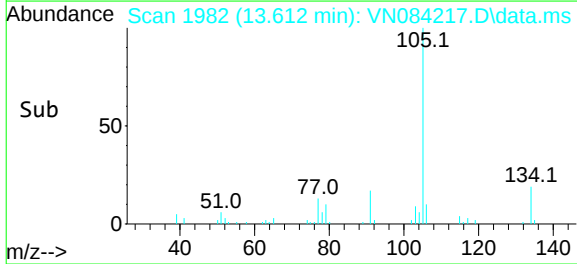
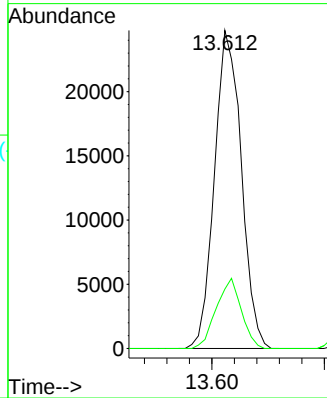
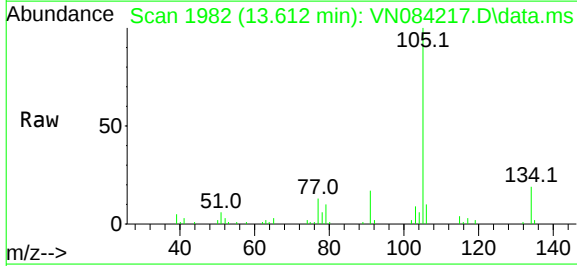
#85
sec-Butylbenzene
Concen: 4.931 ug/l
RT: 13.612 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 40954
Ion Ratio Lower Upper
105 100
134 20.6 9.8 29.4

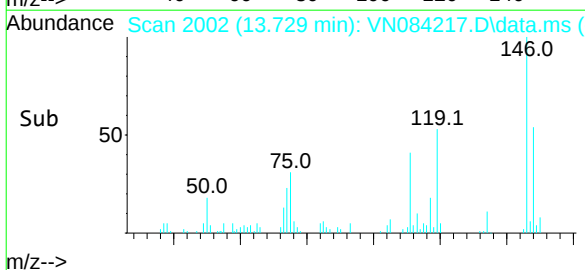
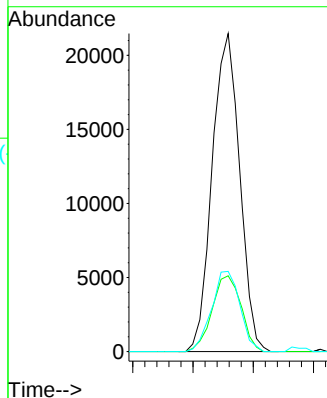
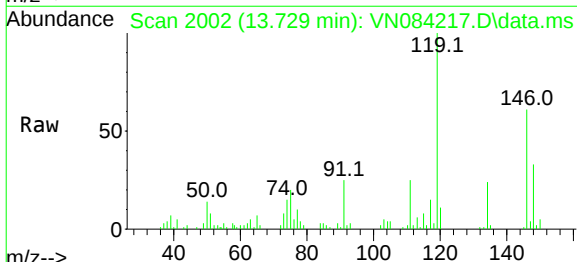
Manual Integrations
APPROVED

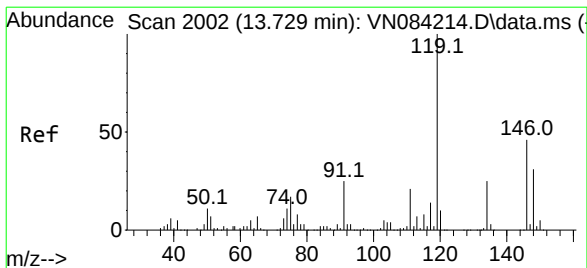
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#86
p-Isopropyltoluene
Concen: 4.963 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion:119 Resp: 34083
Ion Ratio Lower Upper
119 100
134 25.2 12.6 37.8
91 26.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 5.337 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN084217.D

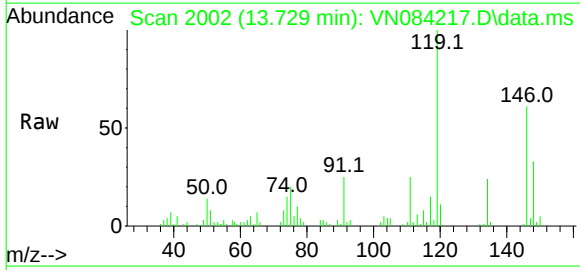
Acq: 30 Sep 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



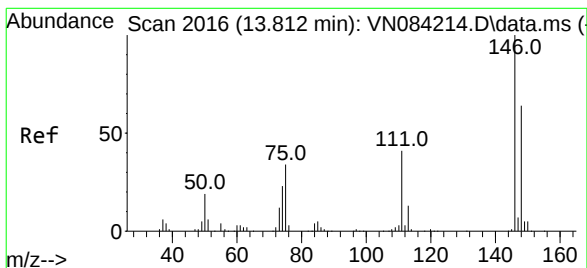
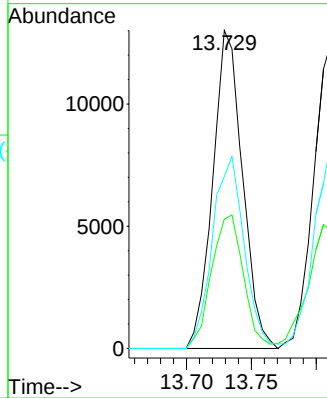
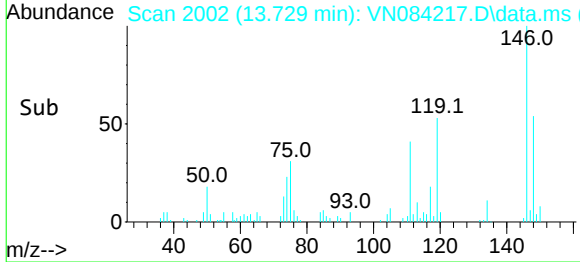
Tgt Ion:	146	Resp:	20730
Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.8	65.3
148	64.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#88

1,4-Dichlorobenzene

Concen: 5.417 ug/l

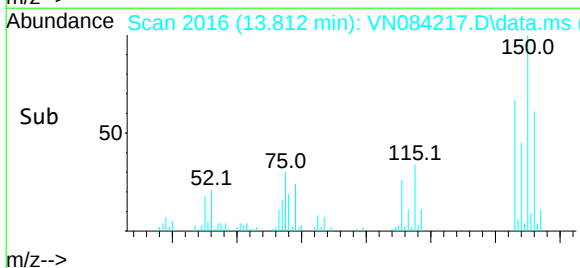
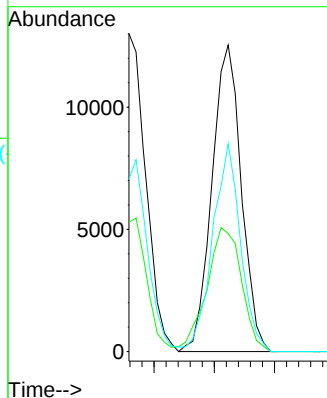
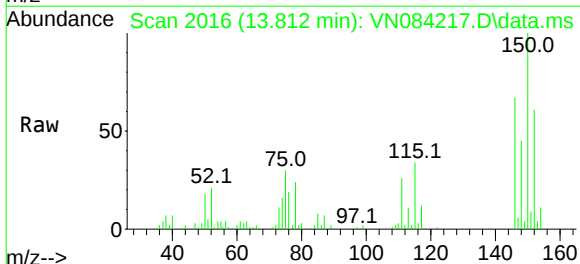
RT: 13.812 min Scan# 2016

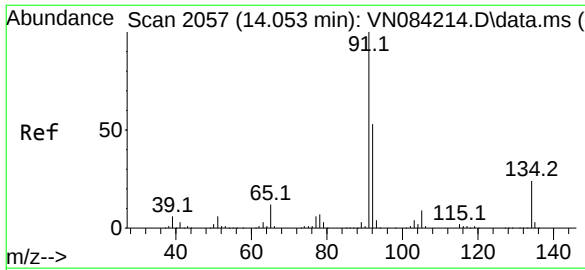
Delta R.T. -0.000 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Tgt Ion:	146	Resp:	21249
Ion	Ratio	Lower	Upper
146	100		
111	47.9	21.2	63.6
148	64.5	31.9	95.9





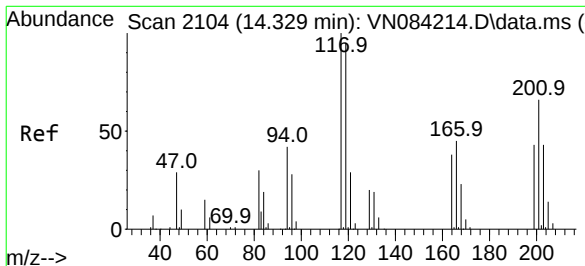
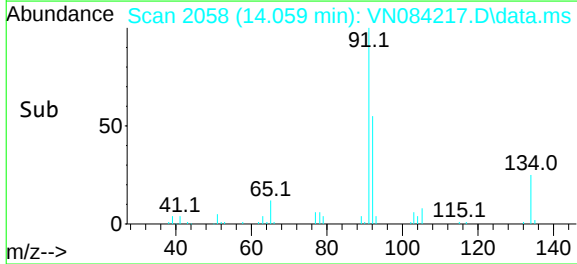
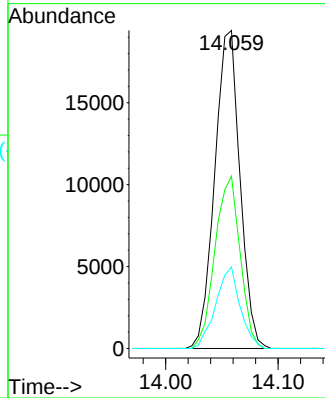
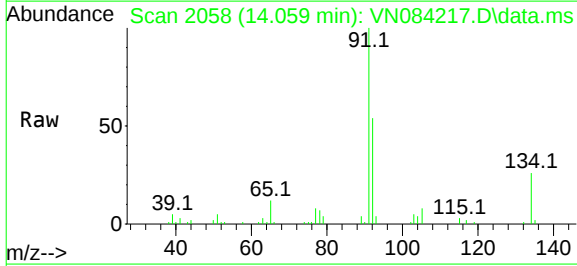
#89
n-Butylbenzene
Concen: 4.858 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:	91	Resp:	30253
Ion Ratio	Lower	Upper	
91	100		
92	53.8	26.6	79.7
134	24.9	12.3	36.9

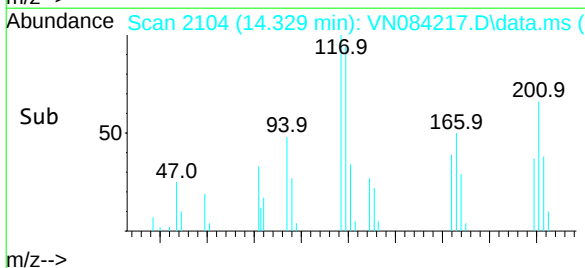
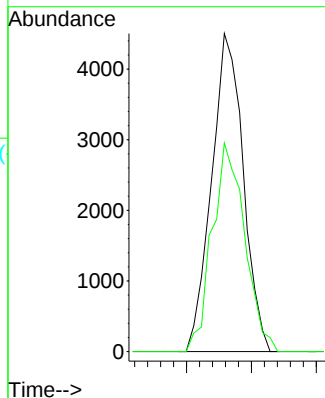
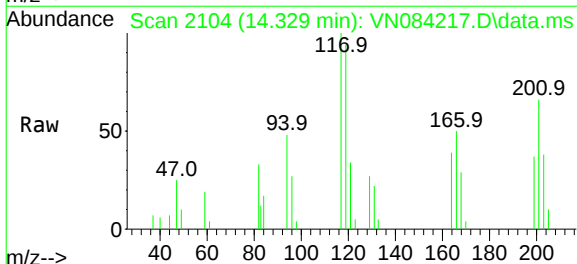
Manual Integrations
APPROVED

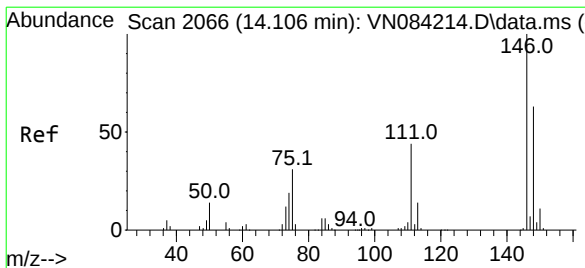
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#90
Hexachloroethane
Concen: 5.472 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

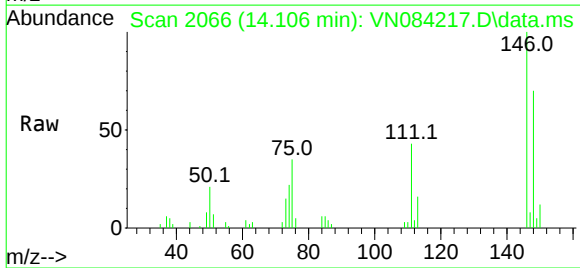
Tgt Ion:	117	Resp:	7628
Ion Ratio	Lower	Upper	
117	100		
201	67.4	34.4	103.2





#91
1,2-Dichlorobenzene
Concen: 5.226 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

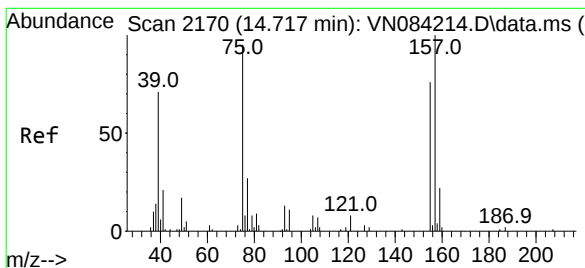
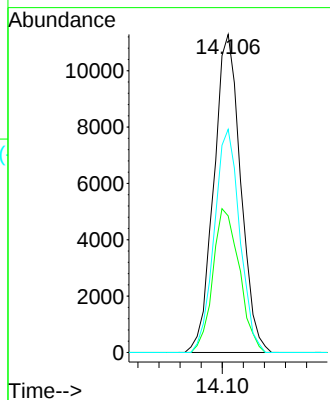
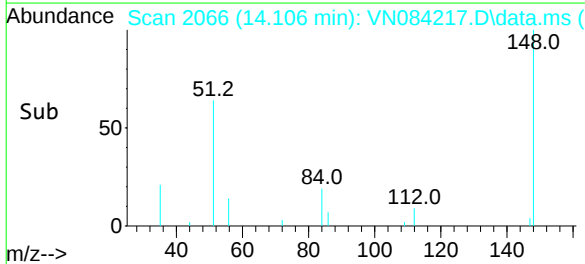
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



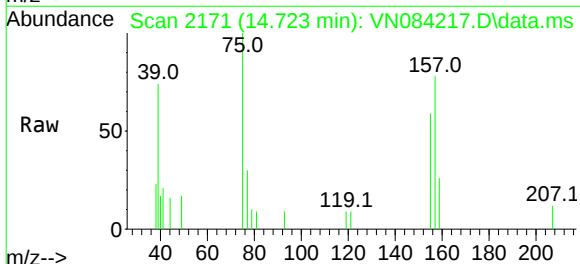
Tgt Ion: 146 Resp: 19905
Ion Ratio Lower Upper
146 100
111 44.8 22.0 66.0
148 66.8 32.1 96.3

Manual Integrations
APPROVED

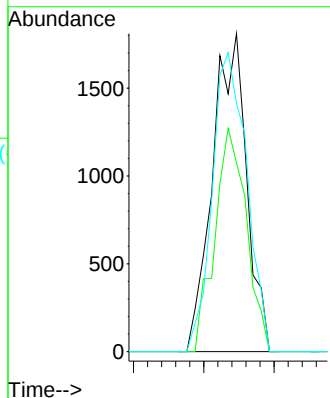
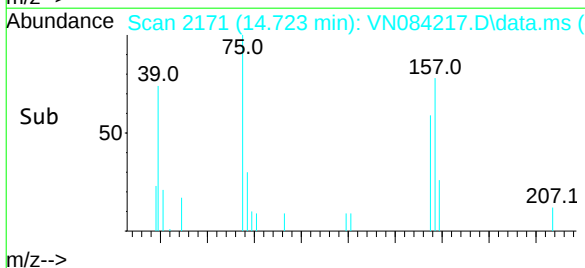
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

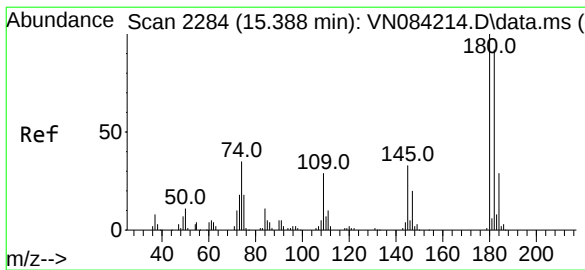


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.719 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00



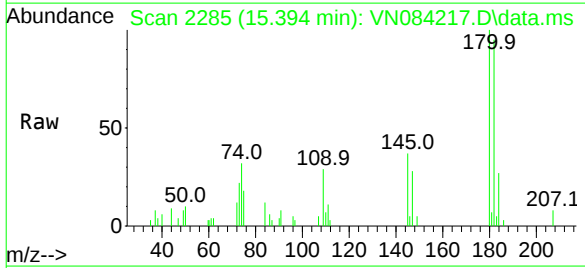
Tgt Ion: 75 Resp: 3046
Ion Ratio Lower Upper
75 100
155 65.1 38.1 114.5
157 95.3 49.6 149.0





#93
1,2,4-Trichlorobenzene
Concen: 5.031 ug/l
RT: 15.394 min Scan# 2284
Delta R.T. 0.006 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

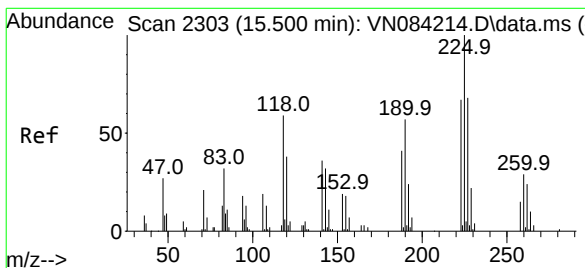
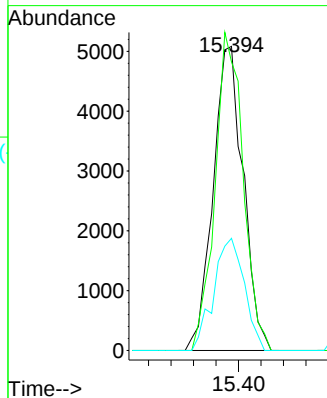
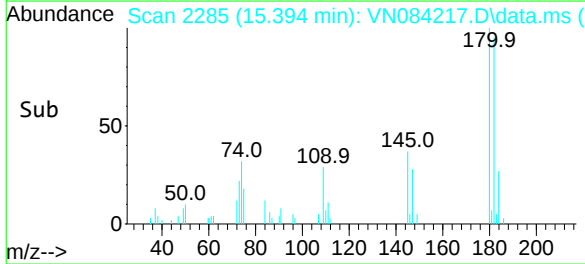
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:180 Resp: 9439
Ion Ratio Lower Upper
180 100
182 97.8 47.0 141.0
145 37.6 16.4 49.4

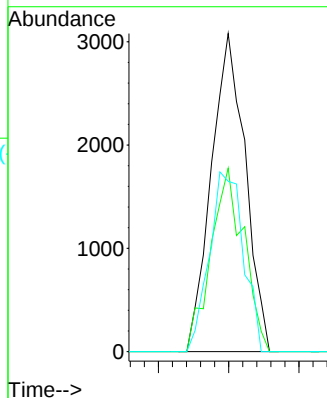
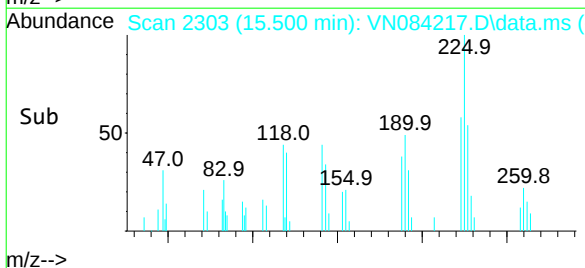
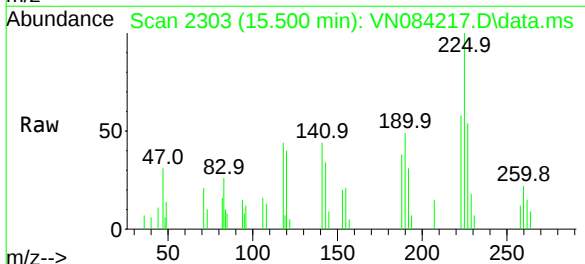
Manual Integrations
APPROVED

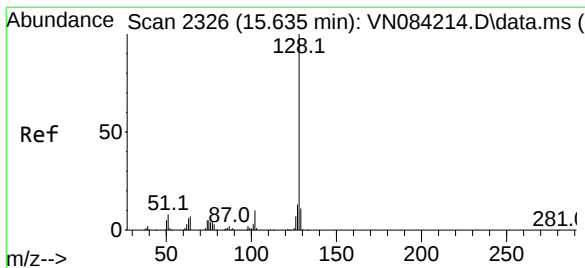
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#94
Hexachlorobutadiene
Concen: 5.530 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084217.D
Acq: 30 Sep 2024 14:00

Tgt Ion:225 Resp: 5174
Ion Ratio Lower Upper
225 100
223 56.0 32.4 97.2
227 56.4 32.4 97.0





#95

Naphthalene

Concen: 4.886 ug/l

RT: 15.641 min Scan# 23

Delta R.T. 0.006 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

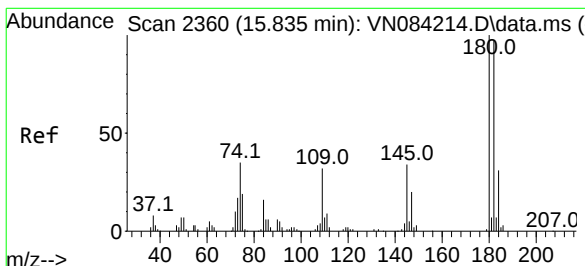
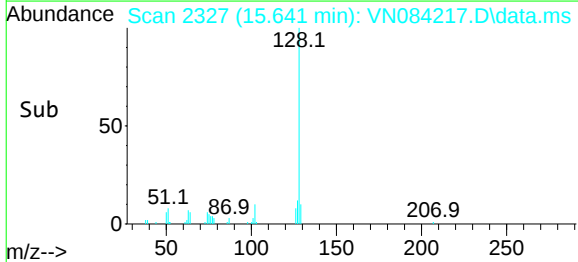
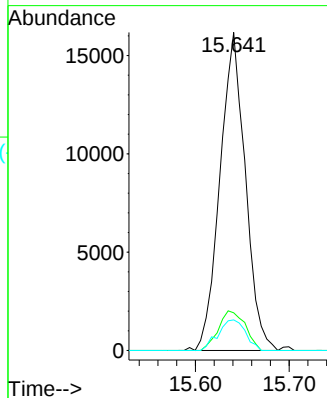
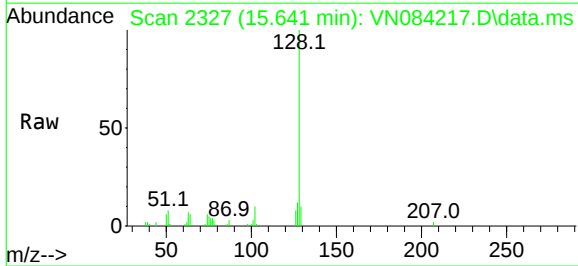
Tgt	Ion:128	Resp:	30391
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.4	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.923 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084217.D

Acq: 30 Sep 2024 14:00

Tgt	Ion:180	Resp:	9245
Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.2	144.6
145	36.0	17.3	51.9

