

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112224\
 Data File : VN085009.D
 Acq On : 22 Nov 2024 12:57
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/25/2024

Quant Time: Nov 23 02:01:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 01:56:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	165285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	280025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	235767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	11977	5.087	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.180%#		
35) Dibromofluoromethane	8.159	113	9597	5.082	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.160%#		
50) Toluene-d8	10.559	98	32318	4.775	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.560%#		
62) 4-Bromofluorobenzene	12.847	95	12715	5.024	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	10.040%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	9758	5.221	ug/l	91
3) Chloromethane	2.359	50	10967	5.059	ug/l	97
4) Vinyl Chloride	2.512	62	10043	5.155	ug/l	92
5) Bromomethane	2.900	94	6052	5.543	ug/l	98
6) Chloroethane	3.059	64	6721	5.119	ug/l	93
7) Trichlorofluoromethane	3.465	101	17204	5.192	ug/l	98
8) Diethyl Ether	3.947	74	5696	5.050	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.353	101	9518	5.064	ug/l	98
10) Methyl Iodide	4.577	142	12631	5.077	ug/l	96
11) Tert butyl alcohol	5.541	59	9684	30.780	ug/l #	89
12) 1,1-Dichloroethene	4.318	96	8977	5.117	ug/l #	92
13) Acrolein	4.177	56	4745	22.602	ug/l	95
14) Allyl chloride	5.006	41	14439	4.882	ug/l	97
15) Acrylonitrile	5.712	53	22627	25.403	ug/l	96
16) Acetone	4.430	43	16131	23.525	ug/l	93
17) Carbon Disulfide	4.694	76	26272	5.074	ug/l #	87
18) Methyl Acetate	5.018	43	14139	5.429	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	27679	4.829	ug/l	95
20) Methylene Chloride	5.271	84	10410	4.975	ug/l #	88
21) trans-1,2-Dichloroethene	5.765	96	9388	5.085	ug/l	99
22) Diisopropyl ether	6.659	45	30018	5.043	ug/l	97
23) Vinyl Acetate	6.594	43	97507	23.745	ug/l	96
24) 1,1-Dichloroethane	6.559	63	18044	5.066	ug/l	97
25) 2-Butanone	7.482	43	27100	24.174	ug/l	98
26) 2,2-Dichloropropane	7.482	77	16525	4.968	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	11250	5.055	ug/l	96
28) Bromochloromethane	7.806	49	6592	4.903	ug/l #	98
29) Tetrahydrofuran	7.841	42	17501	25.104	ug/l	99
30) Chloroform	7.959	83	18837	4.971	ug/l	91
31) Cyclohexane	8.247	56	18036	5.751	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	16611	4.851	ug/l	97
36) 1,1-Dichloropropene	8.371	75	13147	5.140	ug/l	98
37) Ethyl Acetate	7.553	43	11891	5.114	ug/l #	79
38) Carbon Tetrachloride	8.359	117	14827	5.022	ug/l	96
39) Methylcyclohexane	9.594	83	13143	4.945	ug/l	95
40) Benzene	8.600	78	40657	5.026	ug/l	96

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 VSTDICC005

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	5687	4.417	ug/l	93
42) 1,2-Dichloroethane	8.671	62	14824	5.356	ug/l	99
43) Isopropyl Acetate	8.688	43	23894	4.947	ug/l	95
44) Trichloroethene	9.347	130	9711	5.165	ug/l	100
45) 1,2-Dichloropropane	9.618	63	9859	4.948	ug/l	99
46) Dibromomethane	9.706	93	6962	5.028	ug/l	98
47) Bromodichloromethane	9.888	83	14562	4.962	ug/l #	96
48) Methyl methacrylate	9.676	41	8840	4.918	ug/l	94
49) 1,4-Dioxane	9.694	88	2953	94.738	ug/l #	83
51) 4-Methyl-2-Pentanone	10.441	43	55176	25.010	ug/l	100
52) Toluene	10.629	92	24051	5.022	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	13412	4.559	ug/l	91
54) cis-1,3-Dichloropropene	10.312	75	14917	4.779	ug/l	95
55) 1,1,2-Trichloroethane	11.017	97	8791	4.928	ug/l	96
56) Ethyl methacrylate	10.876	69	12004	4.605	ug/l	93
57) 1,3-Dichloropropane	11.159	76	15736	5.012	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	27177	21.254	ug/l	100
59) 2-Hexanone	11.194	43	41641	25.237	ug/l	95
60) Dibromochloromethane	11.359	129	10844	4.974	ug/l	98
61) 1,2-Dibromoethane	11.465	107	9468	5.128	ug/l	96
64) Tetrachloroethene	11.100	164	8826	5.556	ug/l	89
65) Chlorobenzene	11.888	112	26717	4.997	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	9904	5.261	ug/l	96
67) Ethyl Benzene	11.959	91	42642	4.916	ug/l	96
68) m/p-Xylenes	12.070	106	31421	9.514	ug/l	99
69) o-Xylene	12.400	106	14935	4.754	ug/l	98
70) Styrene	12.412	104	24480	4.686	ug/l	99
71) Bromoform	12.576	173	7040	5.038	ug/l #	100
73) Isopropylbenzene	12.694	105	37544	4.910	ug/l	97
74) N-amyl acetate	12.494	43	14995	4.759	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	13341	5.109	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	8907m	4.393	ug/l	
77) Bromobenzene	12.976	156	10485	5.095	ug/l	94
78) n-propylbenzene	13.035	91	43493	4.931	ug/l	99
79) 2-Chlorotoluene	13.123	91	29037	4.932	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	30809	4.802	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	4774	5.502	ug/l #	88
82) 4-Chlorotoluene	13.217	91	30558	4.986	ug/l	97
83) tert-Butylbenzene	13.435	119	26485	4.797	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	31328	4.743	ug/l	98
85) sec-Butylbenzene	13.611	105	35183	4.718	ug/l	99
86) p-Isopropyltoluene	13.729	119	28019	4.551	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	21043	5.185	ug/l	96
88) 1,4-Dichlorobenzene	13.806	146	22041	5.322	ug/l	93
89) n-Butylbenzene	14.053	91	27093	4.732	ug/l	99
90) Hexachloroethane	14.329	117	6869	5.119	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	19670	5.058	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.711	75	2703	5.353	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	10547	4.992	ug/l	98
94) Hexachlorobutadiene	15.494	225	5141	5.272	ug/l	96
95) Naphthalene	15.641	128	29077	4.832	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	10042	4.981	ug/l	94

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

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Quant Title : SW846 8260
QLast Update : Sat Nov 23 01:56:57 2024
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

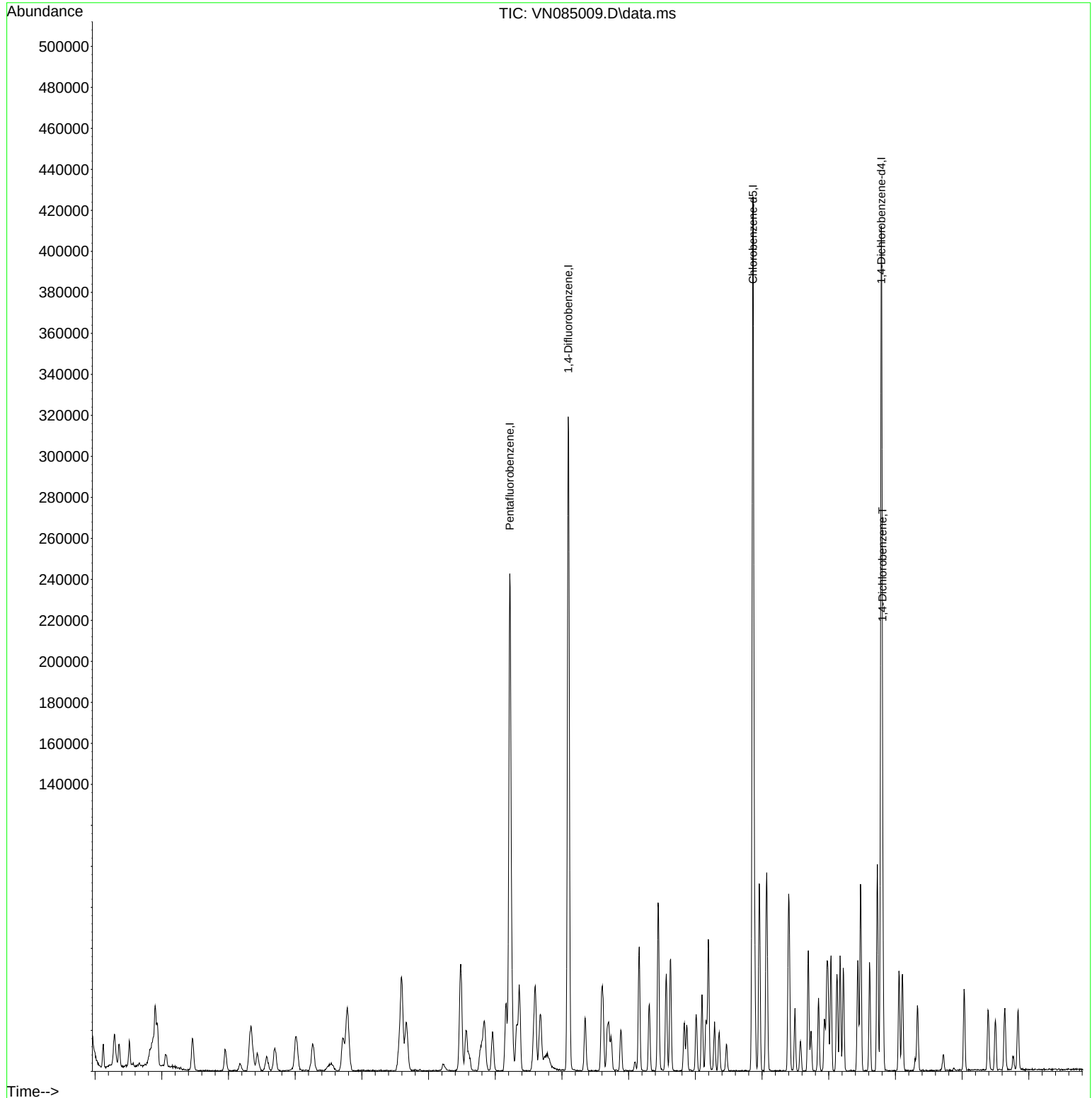
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Data File : VN085009.D
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Sample : VSTDIC005
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ALS Vial : 7 Sample Multiplier: 1

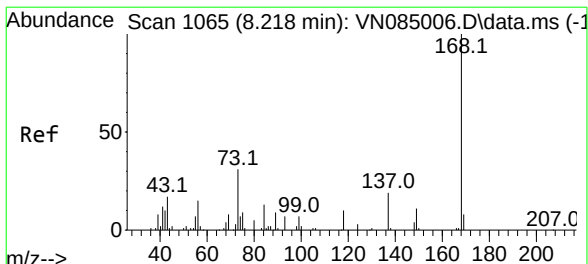
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
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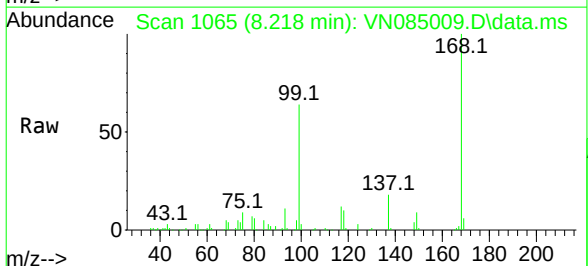
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

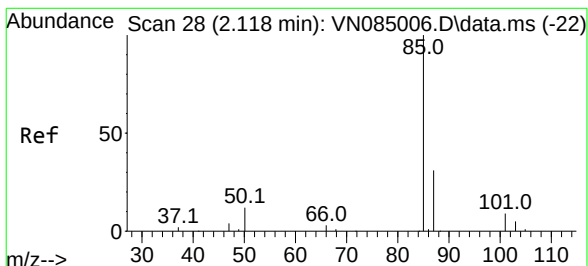
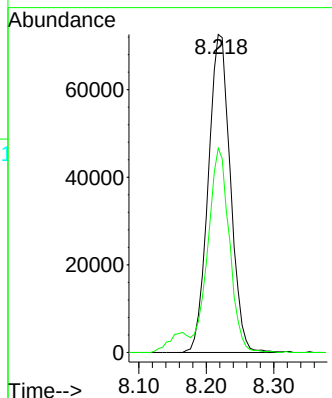
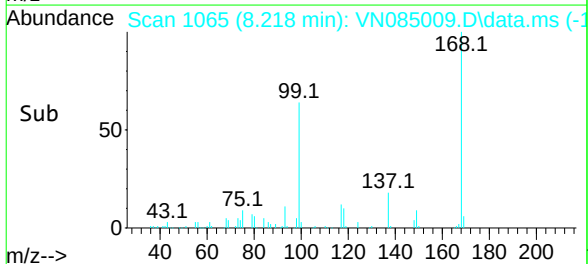
VSTDIC005



Tgt Ion:168 Resp: 165285
Ion Ratio Lower Upper
168 100
99 64.2 51.2 76.8

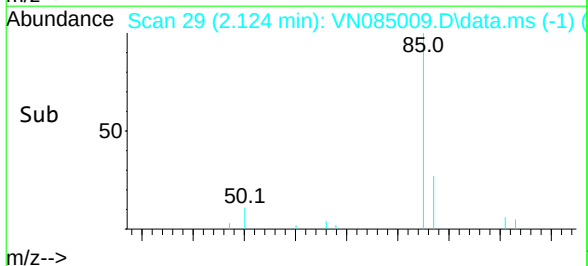
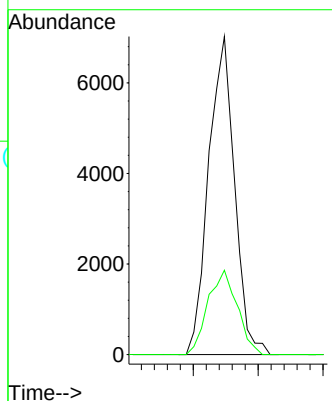
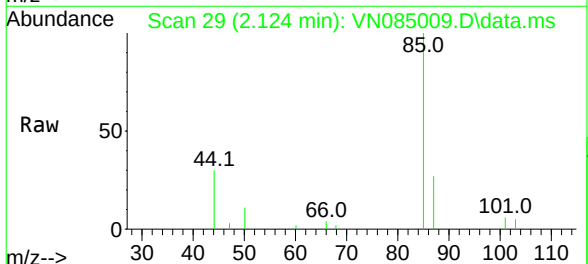
Manual Integrations
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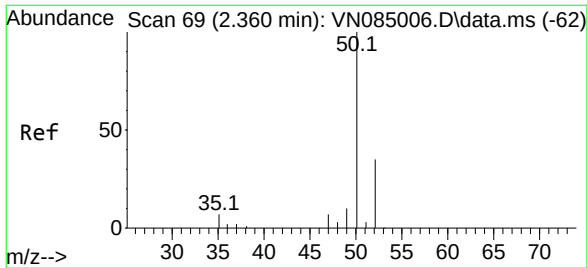
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#2
Dichlorodifluoromethane
Concen: 5.221 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion: 85 Resp: 9758
Ion Ratio Lower Upper
85 100
87 26.5 15.7 47.1





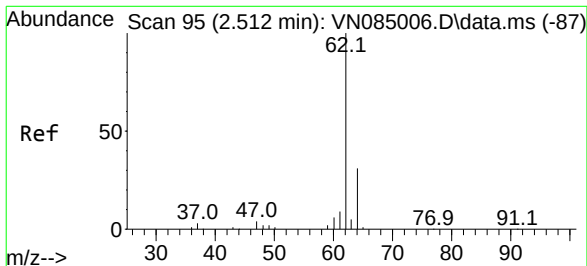
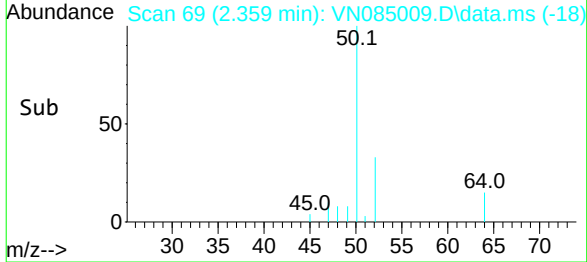
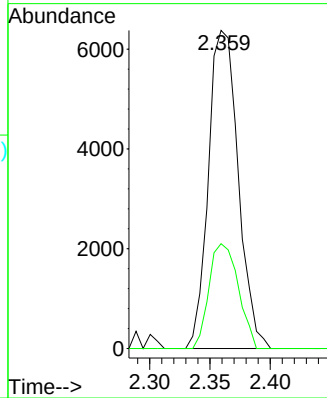
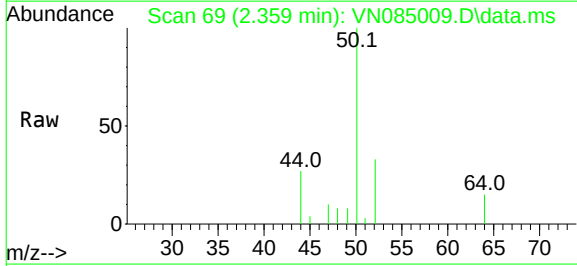
#3
Chloromethane
Concen: 5.059 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 10967
Ion Ratio Lower Upper
50 100
52 33.0 27.8 41.8

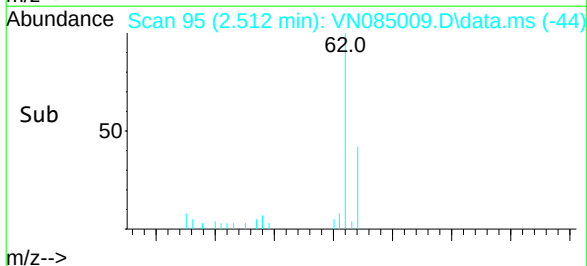
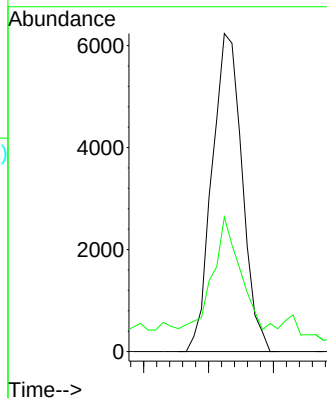
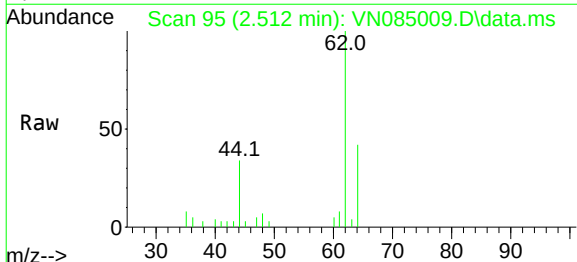
Manual Integrations
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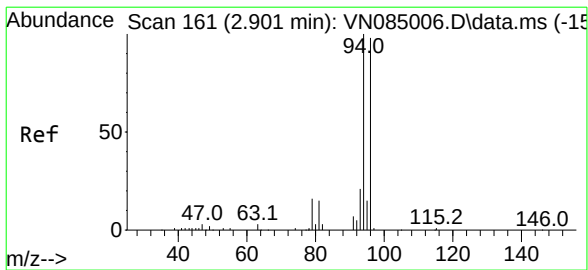
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#4
Vinyl Chloride
Concen: 5.155 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion: 62 Resp: 10043
Ion Ratio Lower Upper
62 100
64 35.1 24.6 36.8





#5

Bromomethane

Concen: 5.543 ug/l

RT: 2.900 min Scan# 161

Delta R.T. -0.000 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 94 Resp: 6052

Ion Ratio Lower Upper

94 100

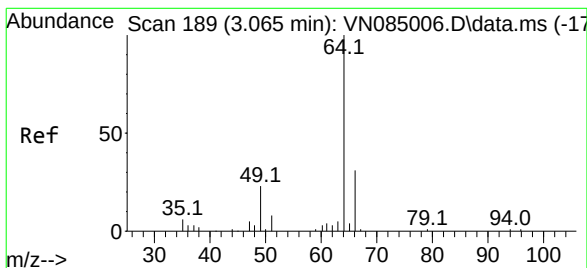
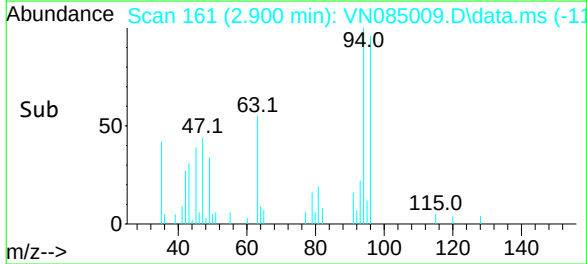
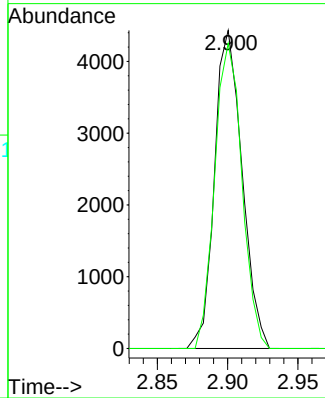
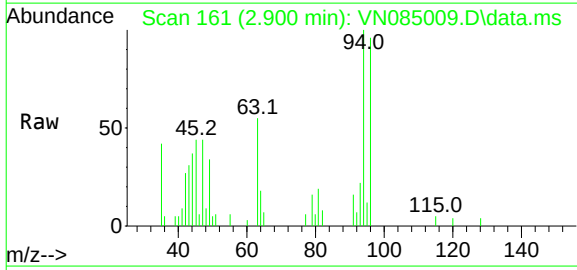
96 95.9 78.7 118.1

Manual Integrations

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#6

Chloroethane

Concen: 5.119 ug/l

RT: 3.059 min Scan# 188

Delta R.T. -0.006 min

Lab File: VN085009.D

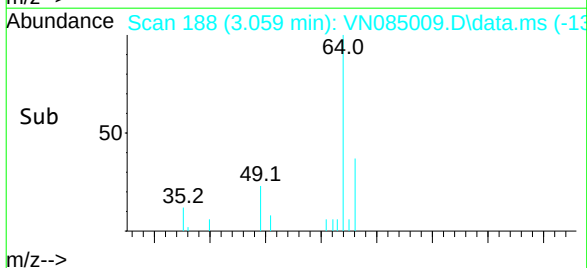
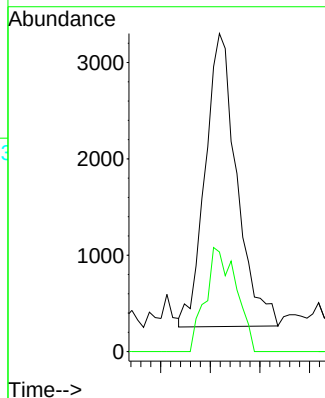
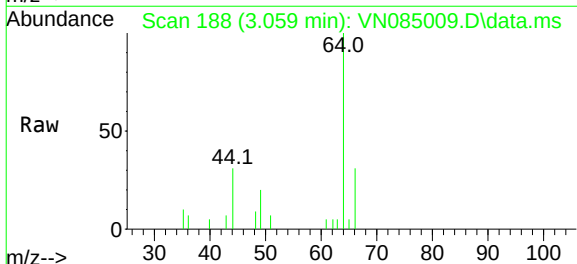
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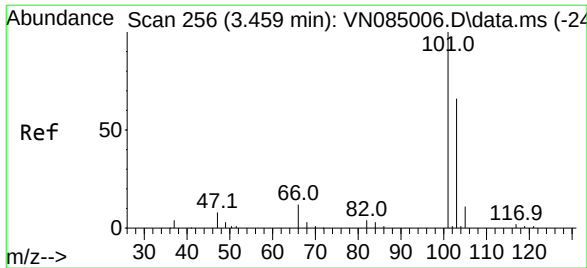
Tgt Ion: 64 Resp: 6721

Ion Ratio Lower Upper

64 100

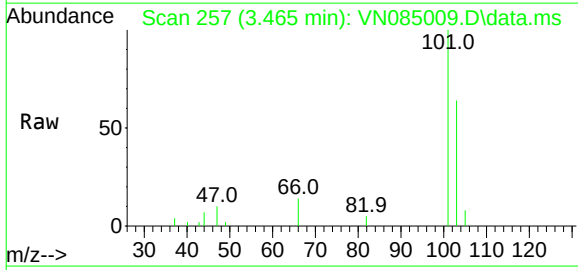
66 34.1 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 5.192 ug/l
 RT: 3.465 min Scan# 256
 Delta R.T. 0.006 min
 Lab File: VN085009.D
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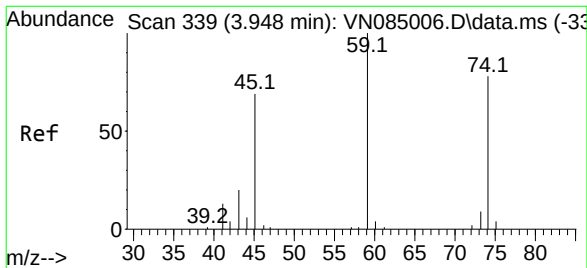
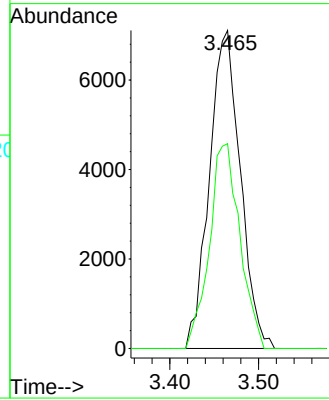
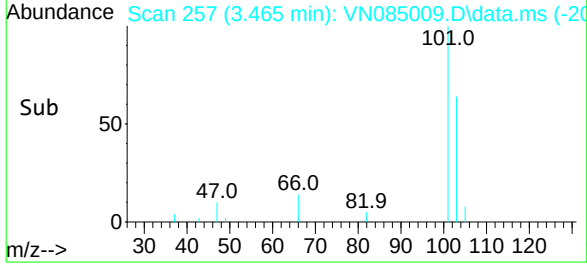
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 101 Resp: 17204
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.6 78.8

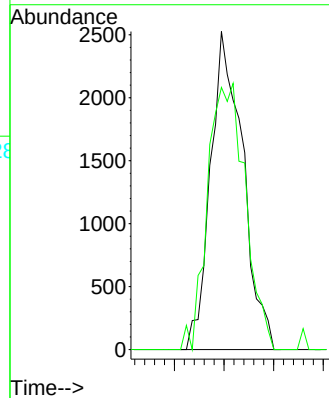
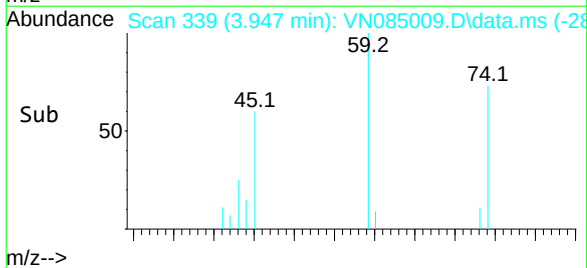
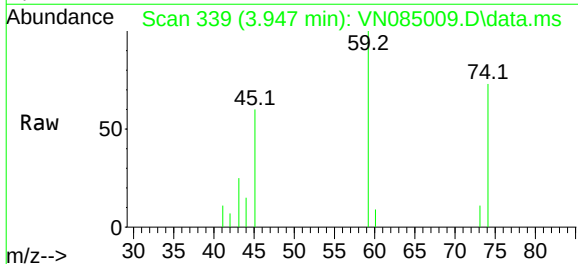
Manual Integrations
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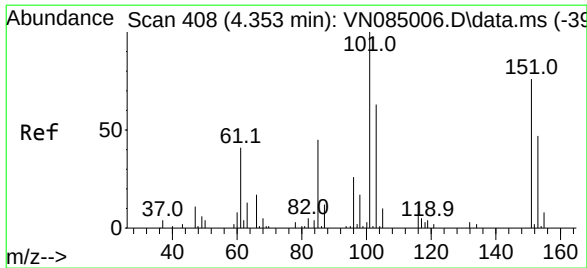
Reviewed By : John Carlone 11/25/2024
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#8
 Diethyl Ether
 Concen: 5.050 ug/l
 RT: 3.947 min Scan# 339
 Delta R.T. -0.000 min
 Lab File: VN085009.D
 Acq: 22 Nov 2024 12:57

Tgt Ion: 74 Resp: 5696
 Ion Ratio Lower Upper
 74 100
 45 97.8 46.7 140.1





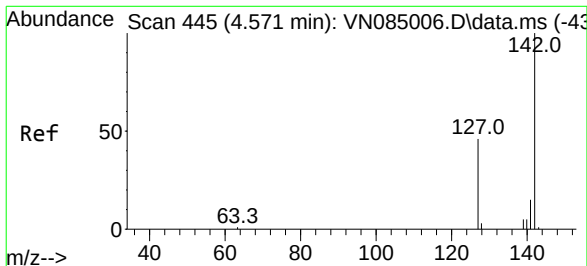
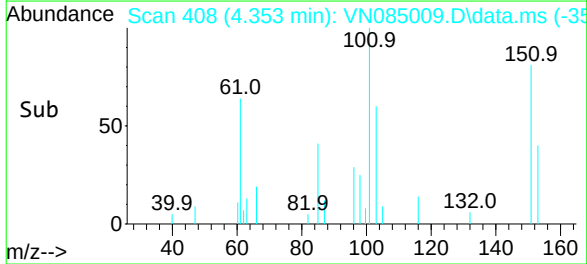
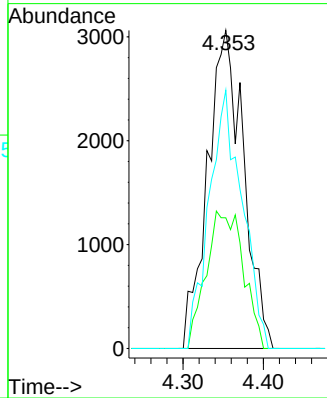
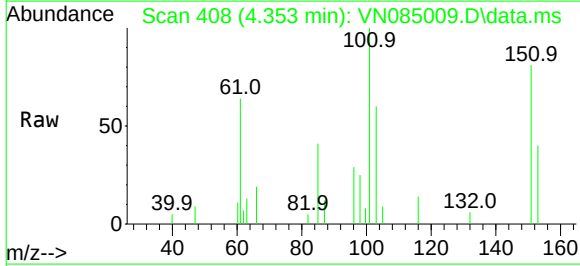
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.064 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.7	36.9	55.3
151	74.5	60.8	91.2

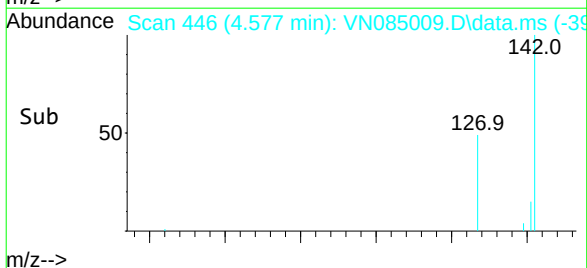
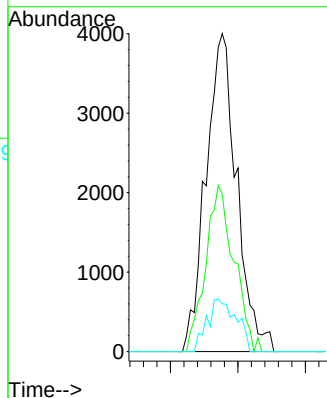
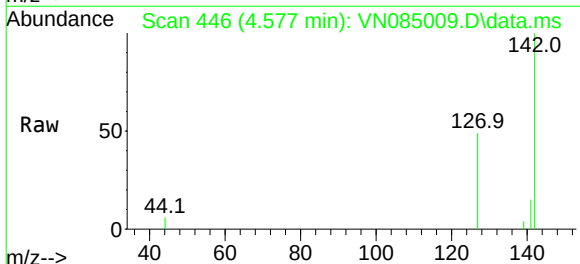
Manual Integrations
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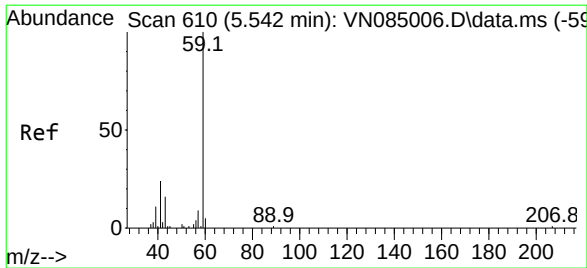
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#10
Methyl Iodide
Concen: 5.077 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion	Ratio	Lower	Upper
142	100		
127	49.4	36.6	54.8
141	15.0	12.2	18.4





#11

Tert butyl alcohol

Concen: 30.780 ug/l

RT: 5.541 min Scan# 610

Delta R.T. -0.000 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 59 Resp: 9684

Ion Ratio Lower Upper

59 100

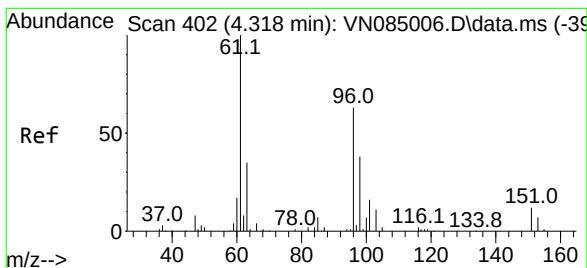
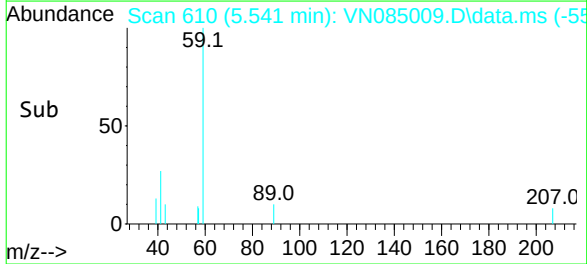
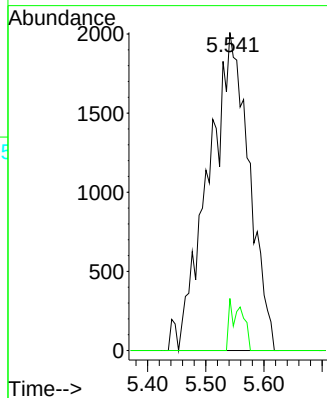
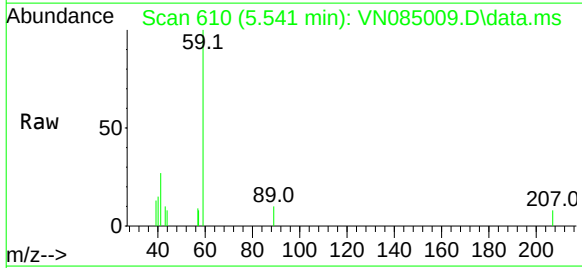
57 5.0 7.4 11.0#

Manual Integrations

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Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#12

1,1-Dichloroethene

Concen: 5.117 ug/l

RT: 4.318 min Scan# 402

Delta R.T. -0.000 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

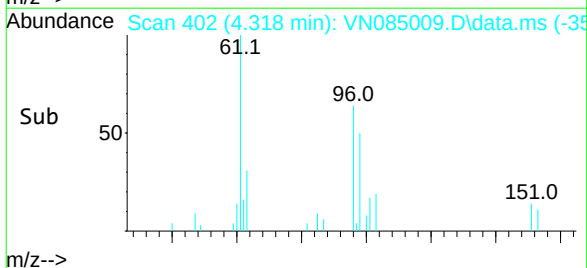
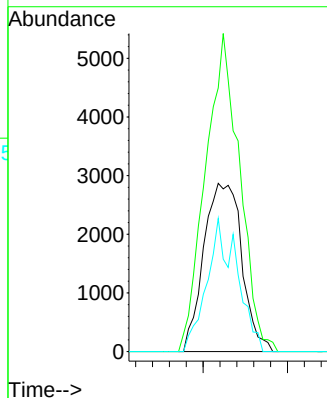
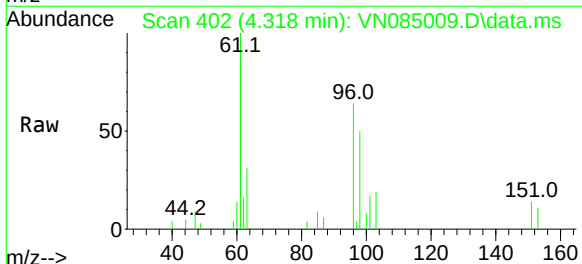
Tgt Ion: 96 Resp: 8977

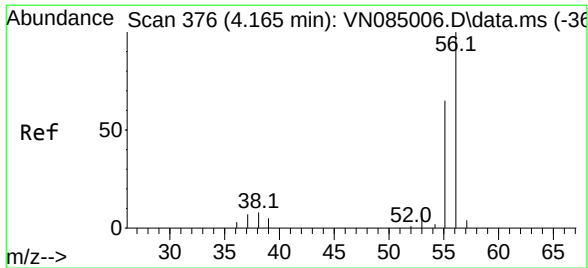
Ion Ratio Lower Upper

96 100

61 156.7 127.8 191.8

98 79.1 49.2 73.8#





#13

Acrolein

Concen: 22.602 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.011 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

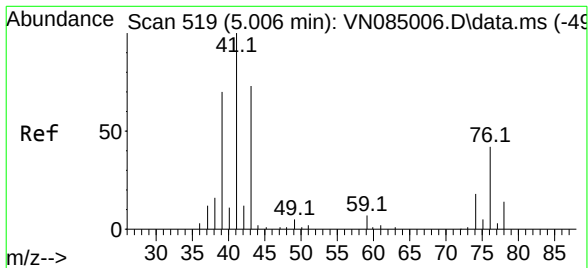
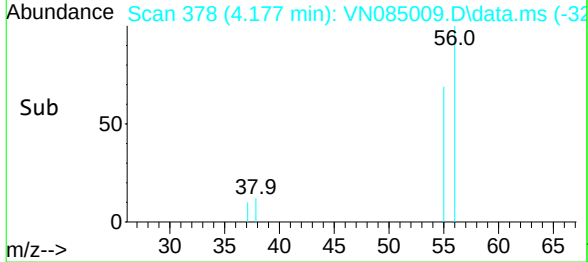
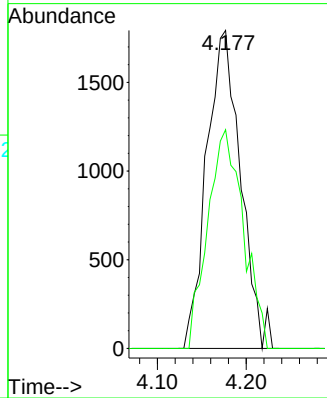
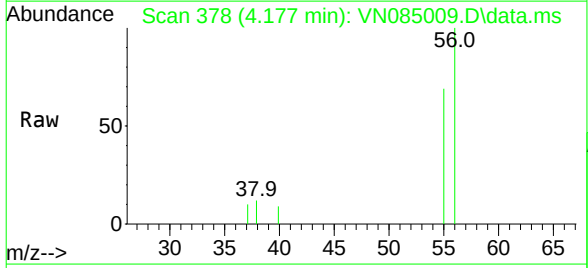
Tgt Ion:	56	Resp:	4745
Ion	Ratio	Lower	Upper
56	100		
55	72.5	54.5	81.7

Manual Integrations

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Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#14

Allyl chloride

Concen: 4.882 ug/l

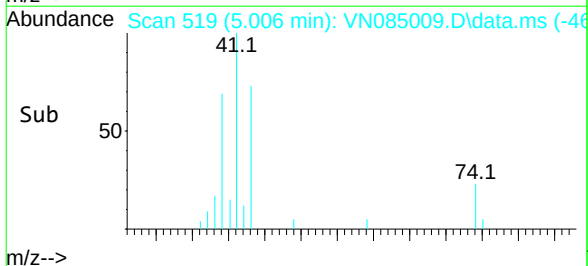
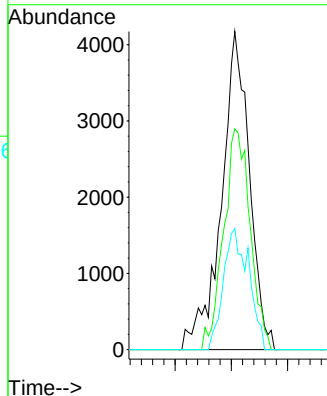
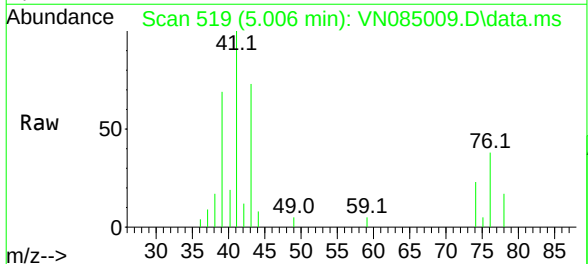
RT: 5.006 min Scan# 519

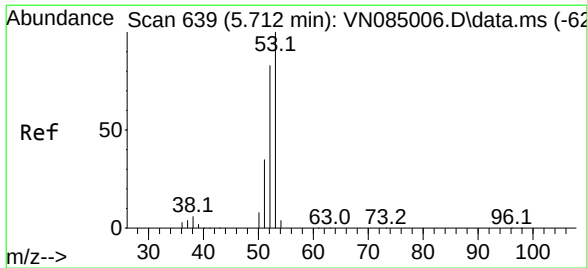
Delta R.T. -0.000 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

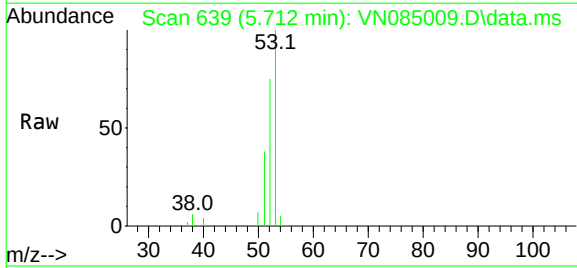
Tgt Ion:	41	Resp:	14439
Ion	Ratio	Lower	Upper
41	100		
39	65.5	53.8	80.8
76	34.3	29.3	43.9





#15
Acrylonitrile
Concen: 25.403 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

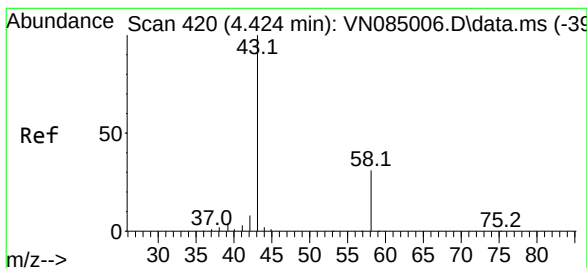
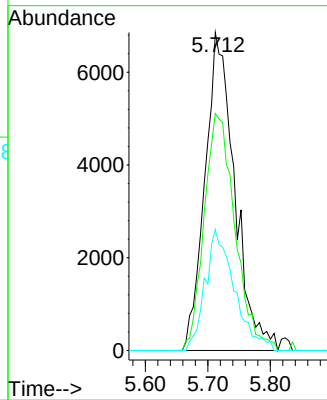
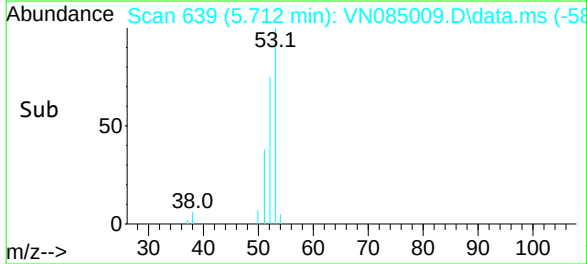
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
53	100		
52	77.5	65.5	98.3
51	37.5	28.4	42.6

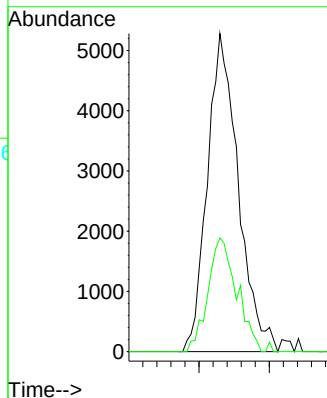
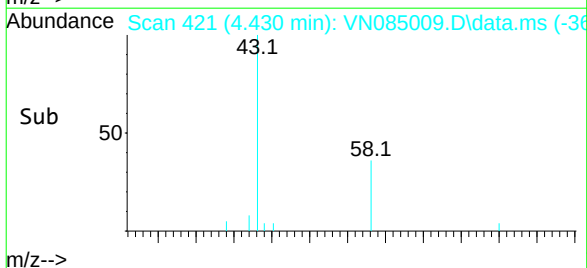
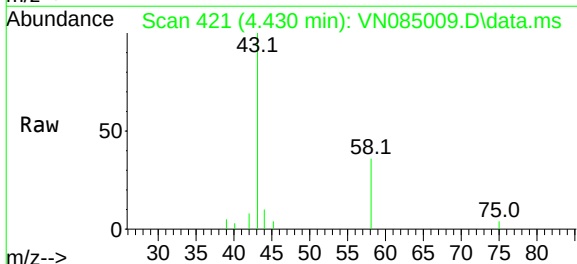
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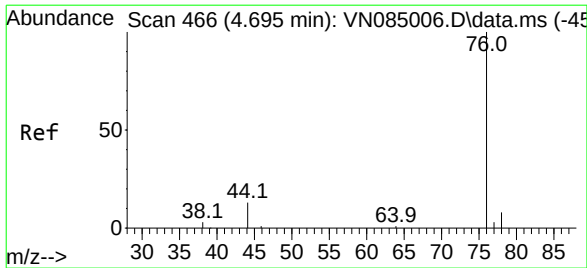
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#16
Acetone
Concen: 23.525 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.7	25.4	38.2





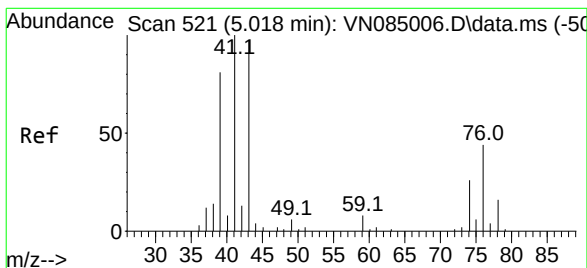
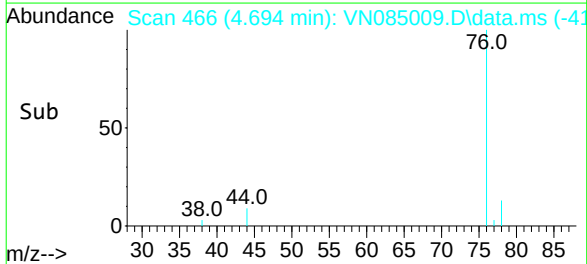
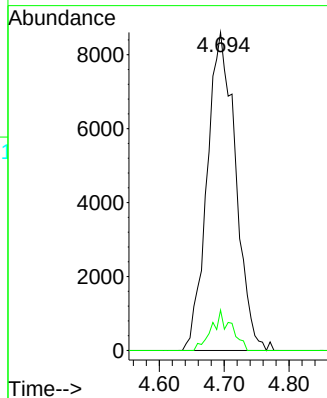
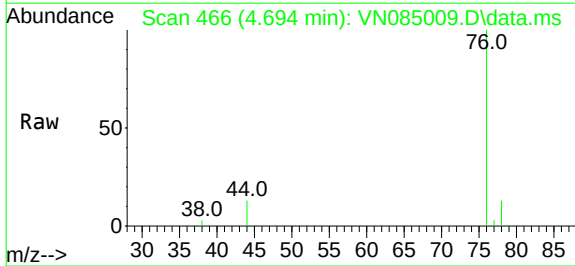
#17
Carbon Disulfide
Concen: 5.074 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 26272
Ion Ratio Lower Upper
76 100
78 12.7 6.5 9.7#

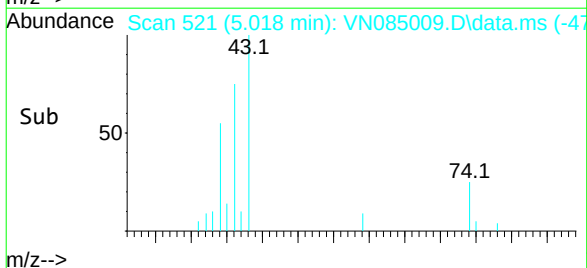
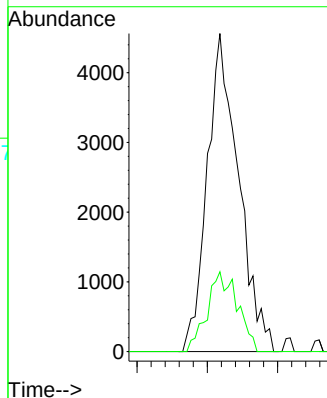
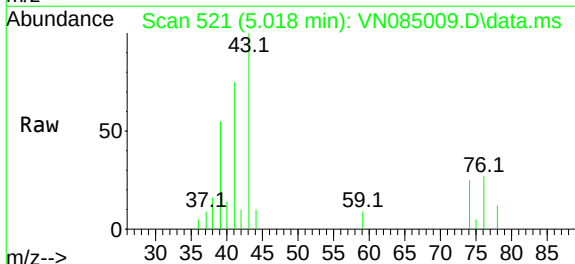
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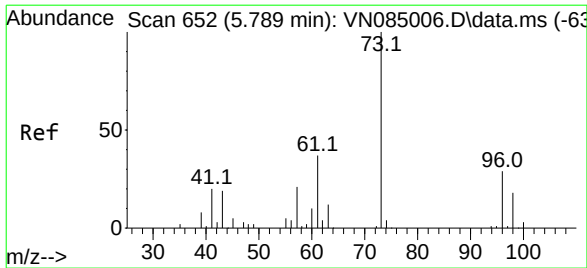
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#18
Methyl Acetate
Concen: 5.429 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion: 43 Resp: 14139
Ion Ratio Lower Upper
43 100
74 24.2 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 4.829 ug/l

RT: 5.800 min Scan# 65

Delta R.T. 0.011 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 73 Resp: 27679

Ion Ratio Lower Upper

73 100

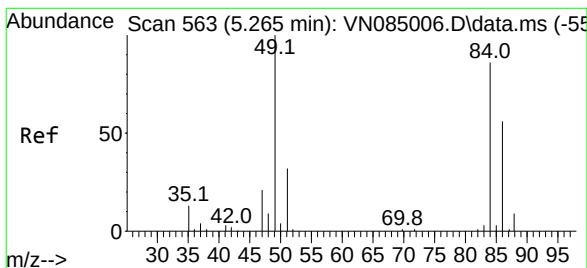
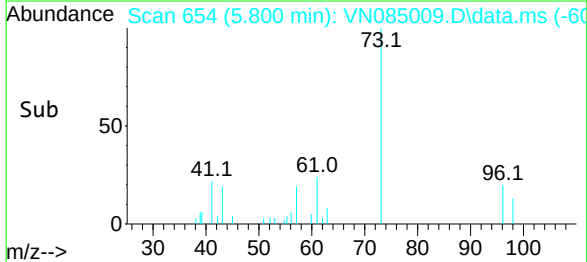
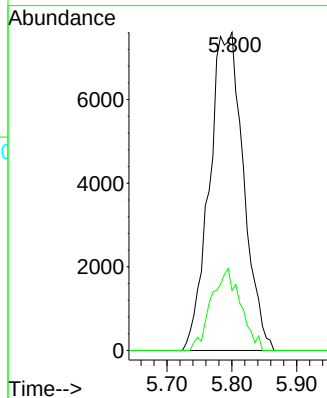
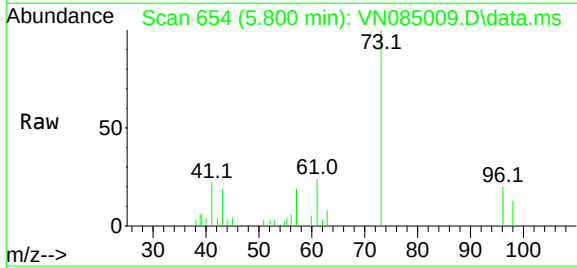
57 18.9 17.0 25.4

Manual Integrations

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Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#20

Methylene Chloride

Concen: 4.975 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.006 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Tgt Ion: 84 Resp: 10410

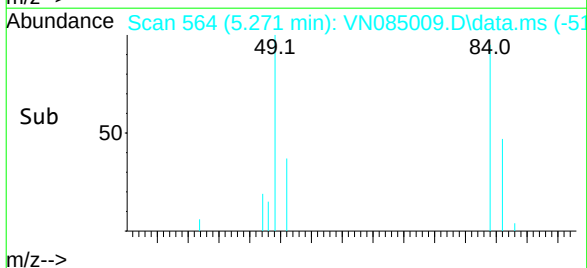
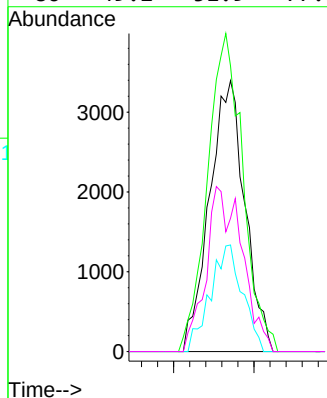
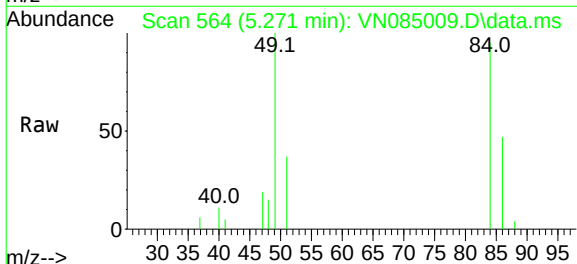
Ion Ratio Lower Upper

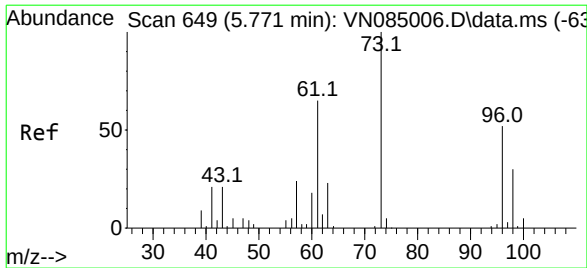
84 100

49 105.4 92.7 139.1

51 39.4 29.4 44.2

86 49.2 51.9 77.9#





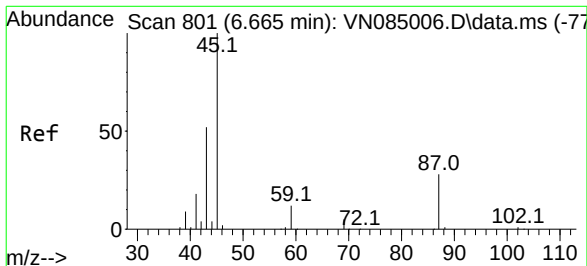
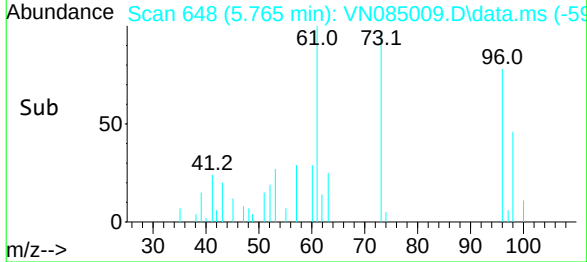
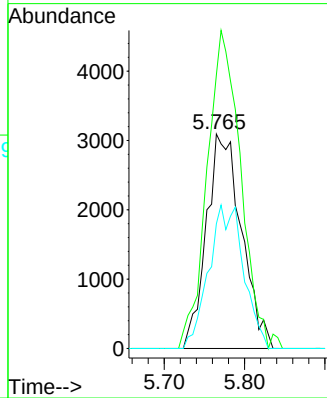
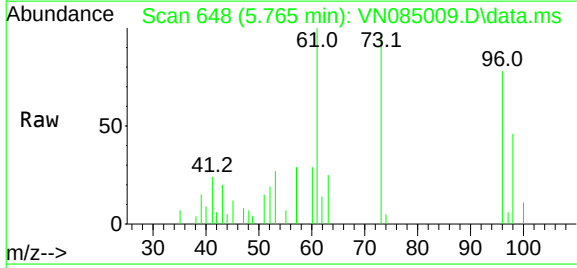
#21
trans-1,2-Dichloroethene
Concen: 5.085 ug/l
RT: 5.765 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96	Resp: 9388
Ion Ratio	Lower Upper
96 100	
61 127.5	100.7 151.1
98 58.1	45.8 68.6

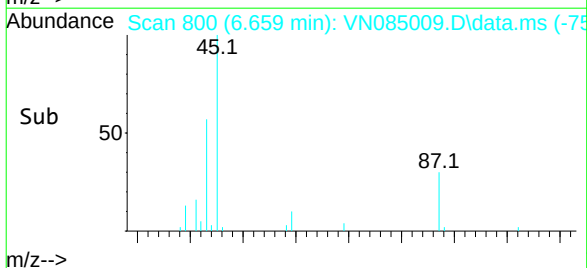
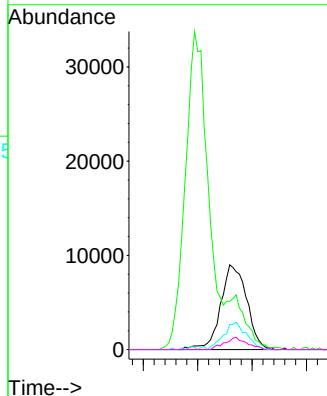
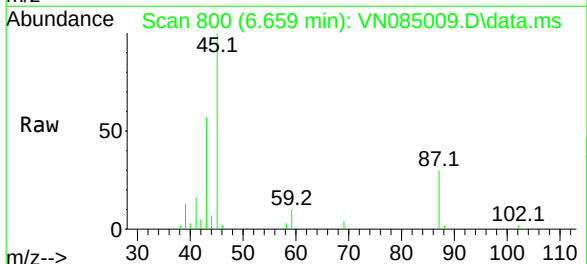
Manual Integrations
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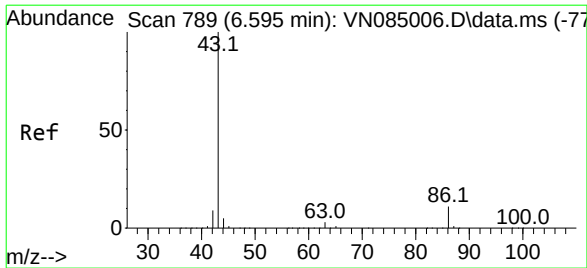
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#22
Diisopropyl ether
Concen: 5.043 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion: 45	Resp: 30018
Ion Ratio	Lower Upper
45 100	
43 54.4	42.7 64.1
87 29.9	22.6 34.0
59 10.0	9.9 14.9





#23

Vinyl Acetate

Concen: 23.745 ug/l

RT: 6.594 min Scan# 78

Delta R.T. -0.000 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 97507

Ion Ratio Lower Upper

43 100

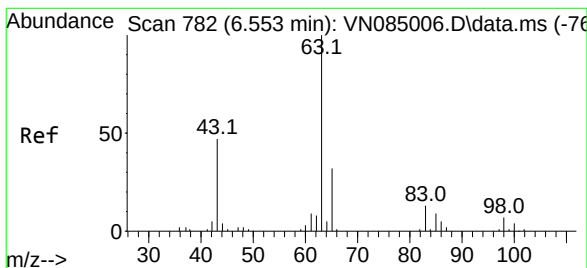
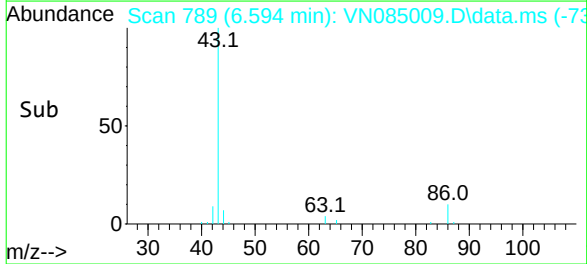
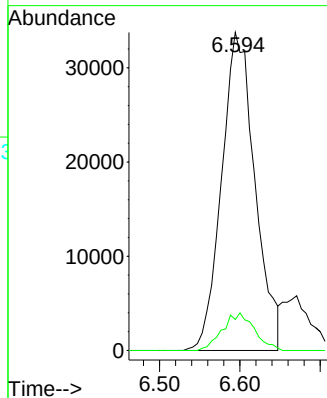
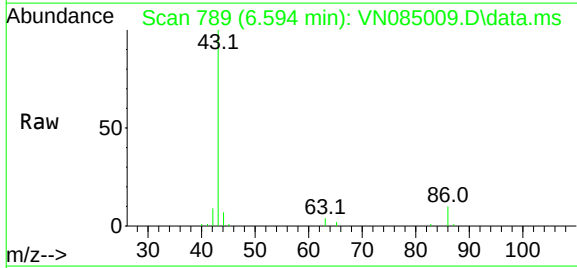
86 9.7 8.9 13.3

Manual Integrations

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Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#24

1,1-Dichloroethane

Concen: 5.066 ug/l

RT: 6.559 min Scan# 783

Delta R.T. 0.006 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

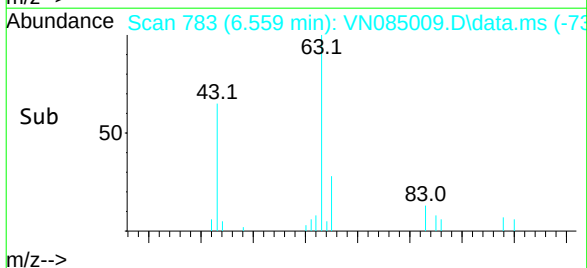
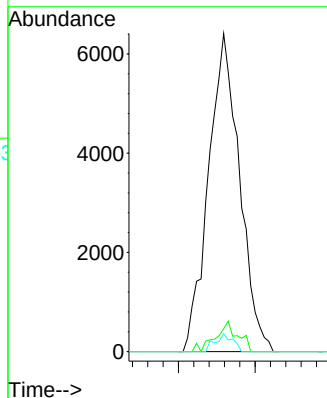
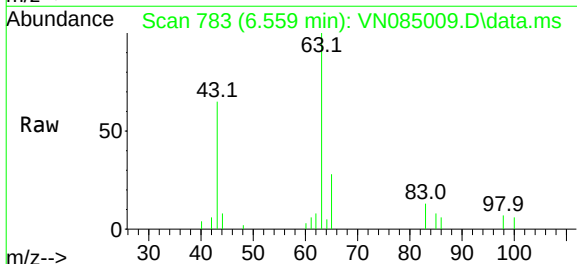
Tgt Ion: 63 Resp: 18044

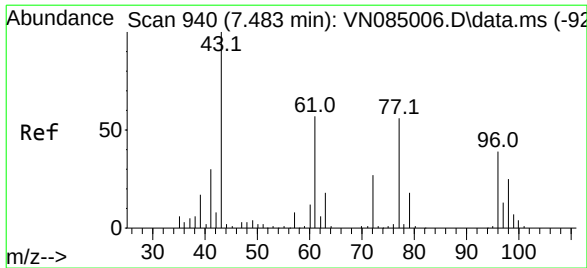
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 5.6 2.2 6.6





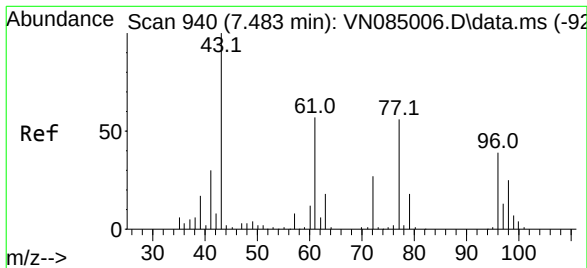
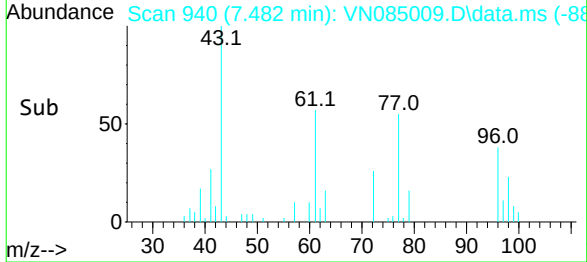
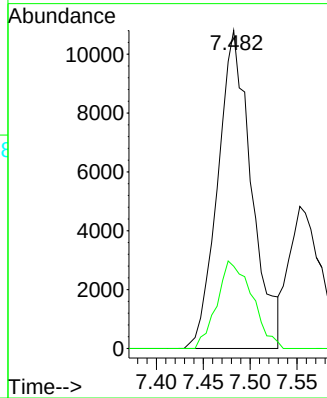
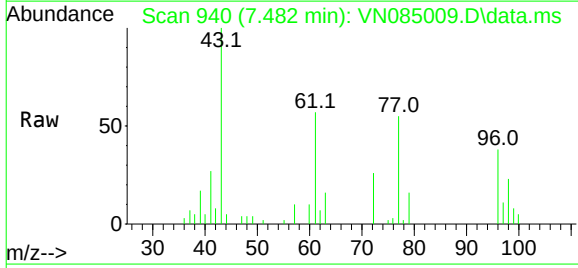
#25
2-Butanone
Concen: 24.174 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 27100
Ion Ratio Lower Upper
43 100
72 25.9 21.4 32.0

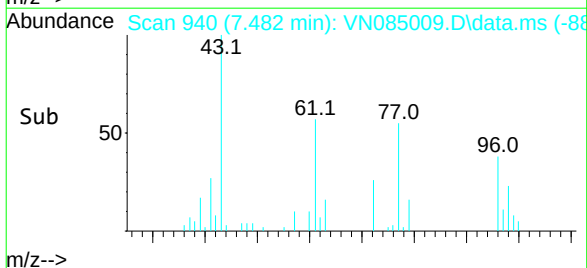
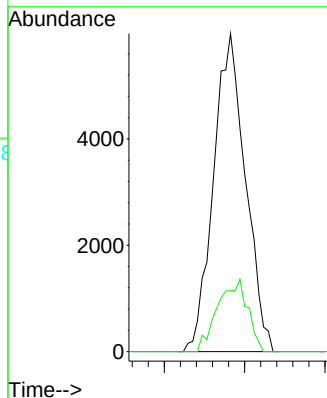
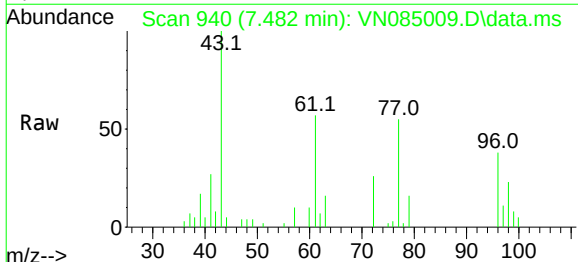
Manual Integrations
APPROVED

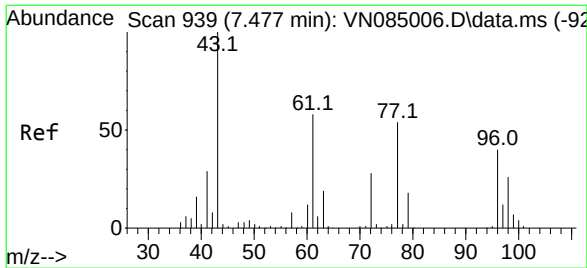
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#26
2,2-Dichloropropane
Concen: 4.968 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion: 77 Resp: 16525
Ion Ratio Lower Upper
77 100
97 21.2 10.9 32.7





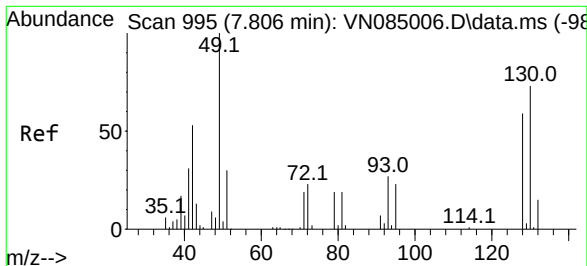
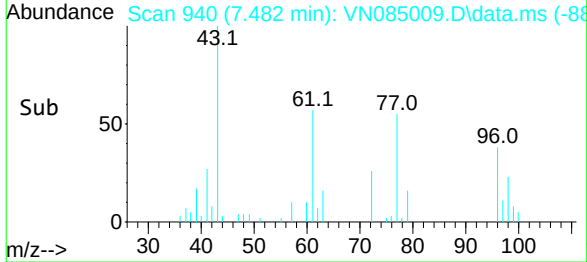
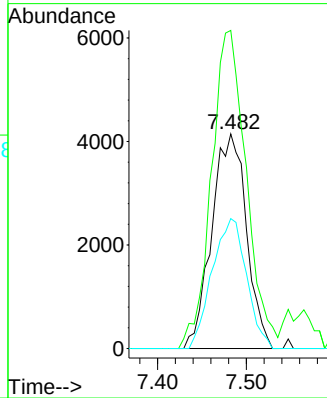
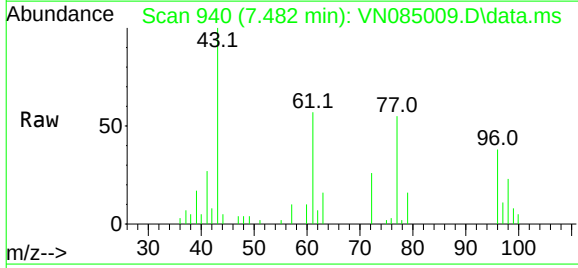
#27
 cis-1,2-Dichloroethene
 Concen: 5.055 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. 0.006 min
 Lab File: VN085009.D
 Acq: 22 Nov 2024 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Tgt Ion: 96	Resp: 11250
Ion Ratio	Lower Upper
96 100	
61 148.7	0.0 291.6
98 59.8	0.0 129.8

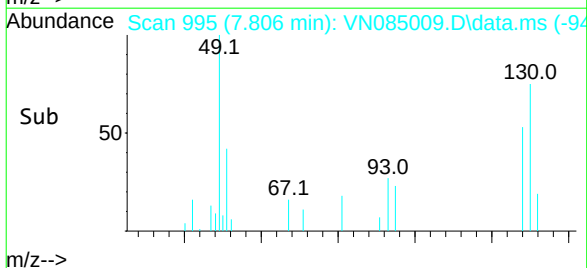
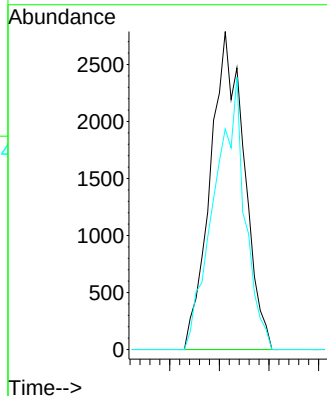
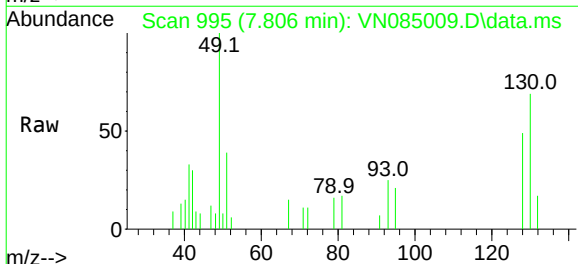
Manual Integrations
 APPROVED

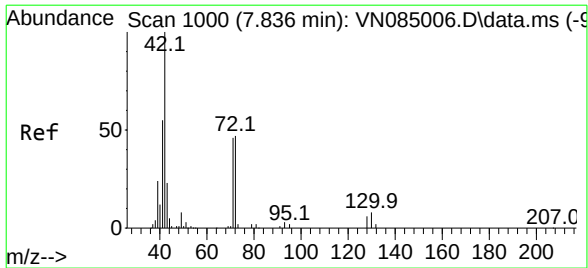
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#28
 Bromochloromethane
 Concen: 4.903 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085009.D
 Acq: 22 Nov 2024 12:57

Tgt Ion: 49	Resp: 6592
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.0
130 77.4	60.6 90.8





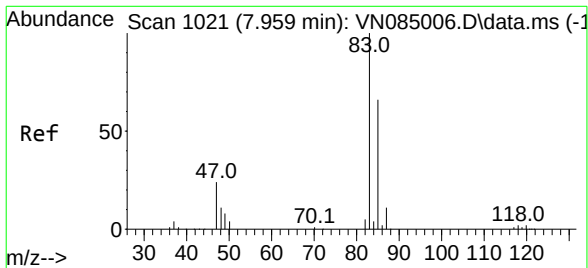
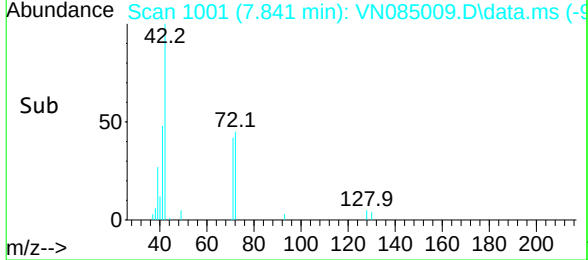
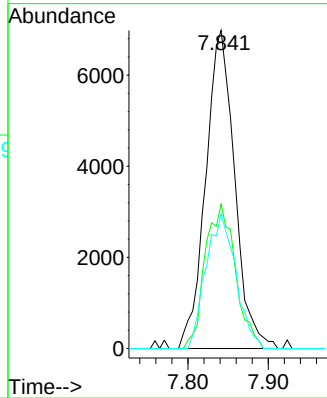
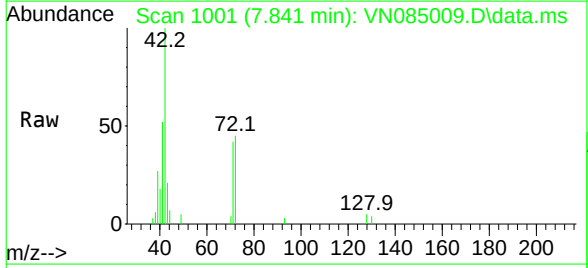
#29
Tetrahydrofuran
Concen: 25.104 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.0	55.4
71	43.6	35.0	52.4

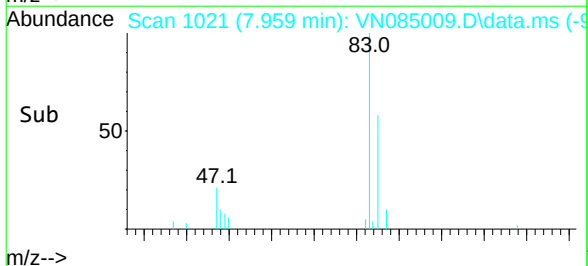
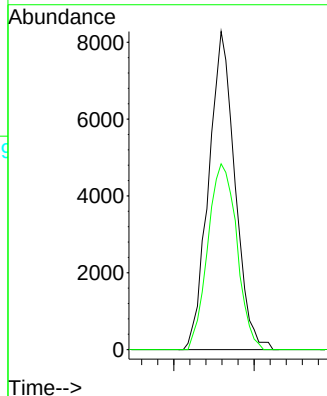
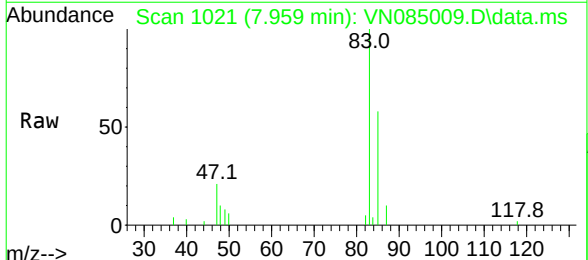
Manual Integrations
APPROVED

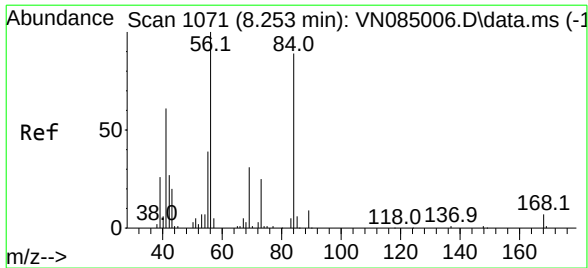
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#30
Chloroform
Concen: 4.971 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

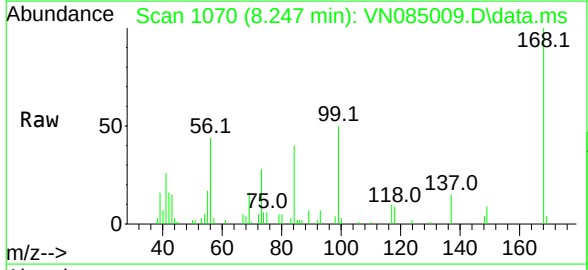
Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.4	52.6	78.8





#31
Cyclohexane
Concen: 5.751 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

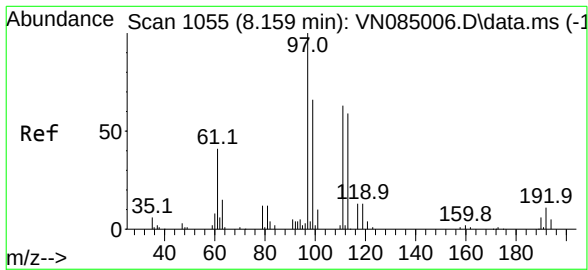
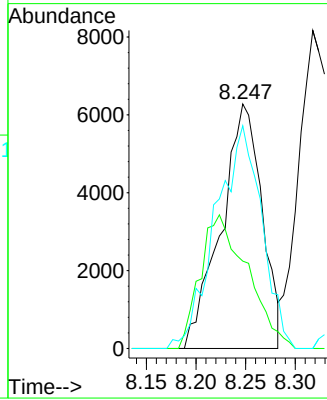
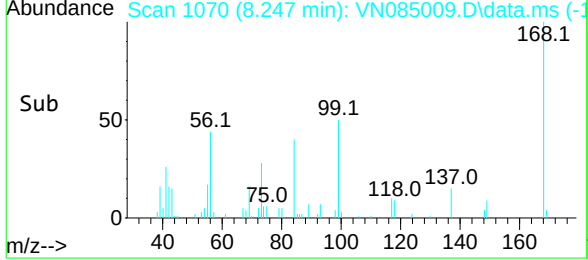
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



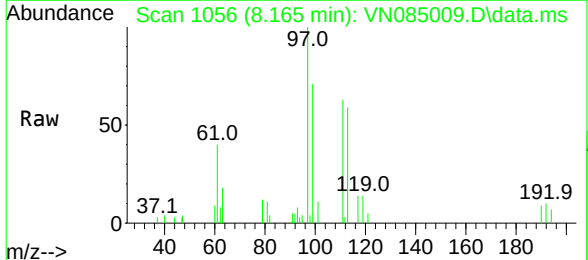
Tgt Ion: 56 Resp: 18036
Ion Ratio Lower Upper
56 100
69 35.7 24.6 36.8
84 88.0 71.4 107.2

Manual Integrations
APPROVED

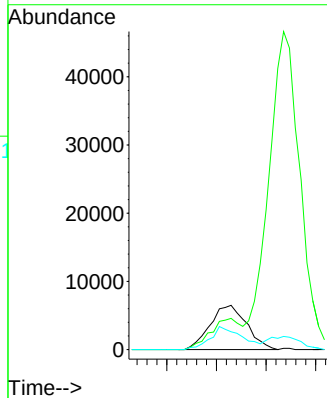
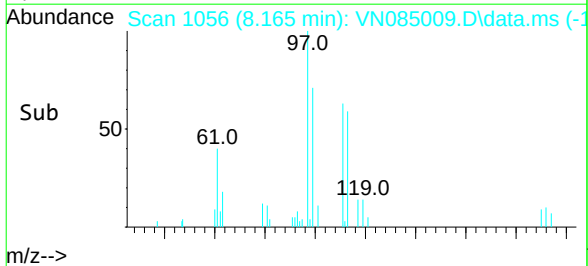
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

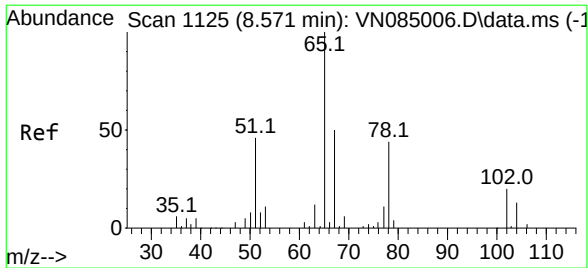


#32
1,1,1-Trichloroethane
Concen: 4.851 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57



Tgt Ion: 97 Resp: 16611
Ion Ratio Lower Upper
97 100
99 59.1 51.0 76.4
61 45.2 36.2 54.2





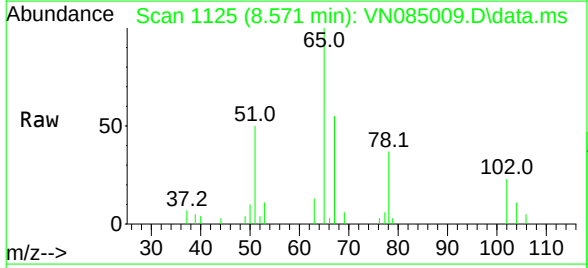
#33
 1,2-Dichloroethane-d4
 Concen: 5.087 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: VN085009.D
 Acq: 22 Nov 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

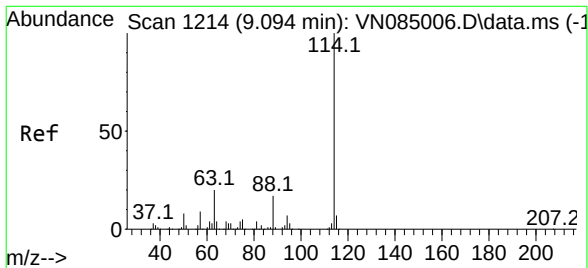
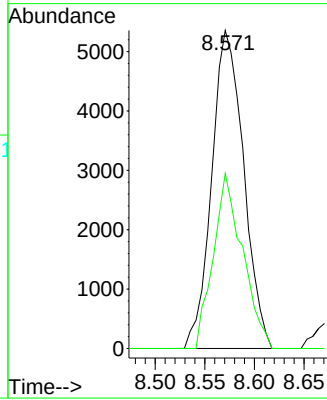
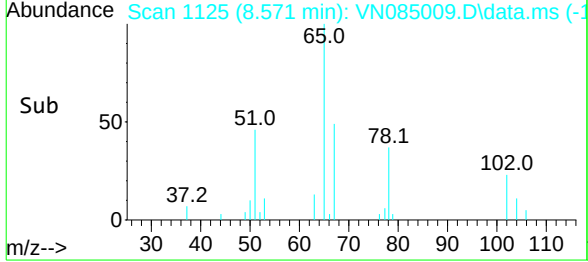
VSTDICC005



Tgt Ion: 65 Resp: 11977
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 105.0

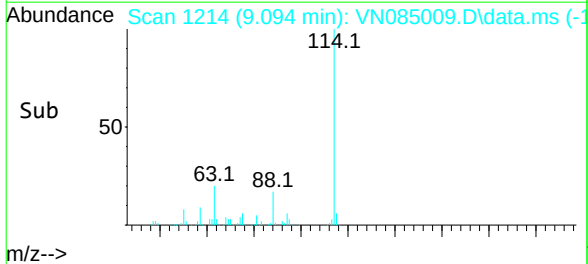
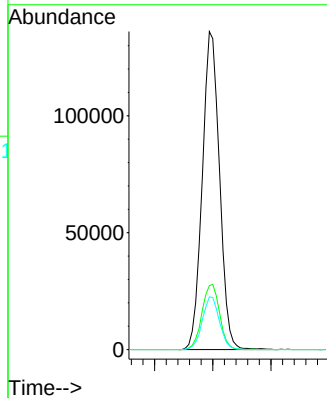
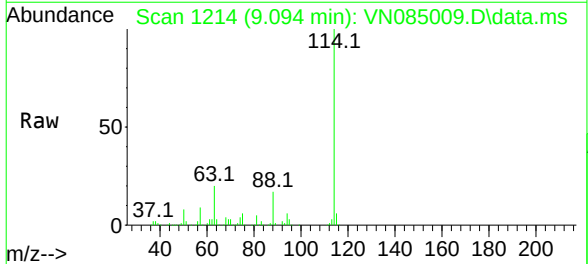
Manual Integrations
APPROVED

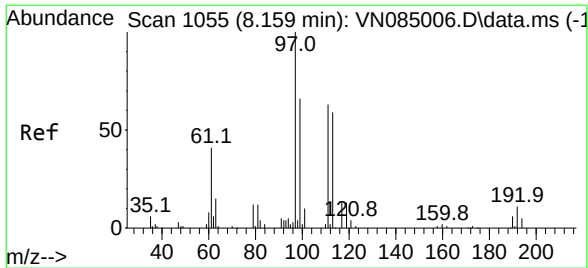
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.000 min
 Lab File: VN085009.D
 Acq: 22 Nov 2024 12:57

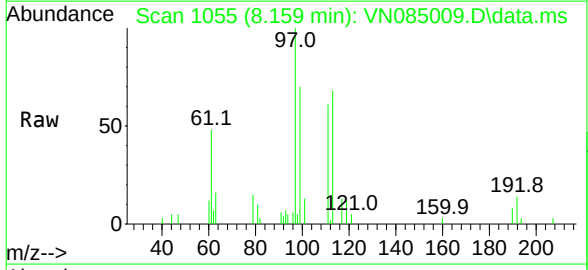
Tgt Ion:114 Resp: 280025
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.0
 88 16.6 0.0 34.8





#35
 Dibromofluoromethane
 Concen: 5.082 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085009.D
 Acq: 22 Nov 2024 12:57

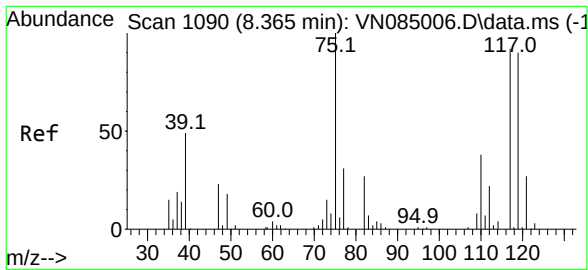
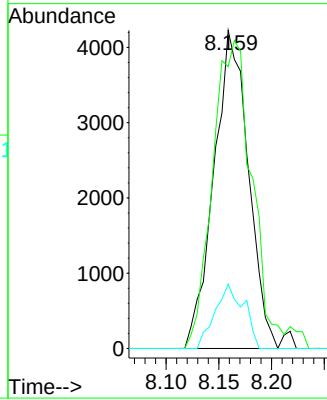
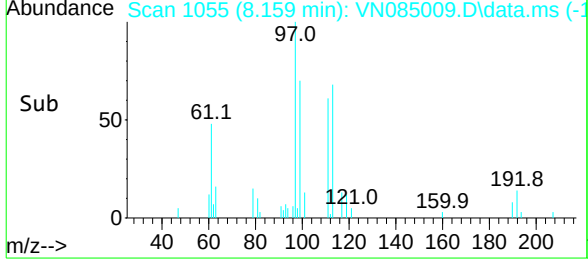
Instrument : MSVOA_N
 ClientSampleId : VSTDIC005



Tgt Ion:	113	Resp:	9597
Ion Ratio	Lower	Upper	
113	100		
111	109.7	82.0	123.0
192	17.0	14.8	22.2

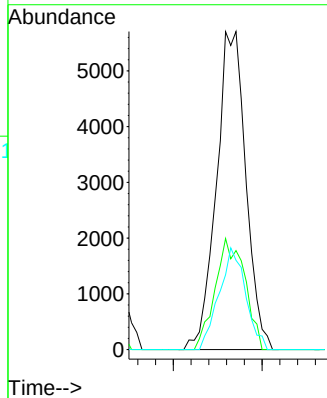
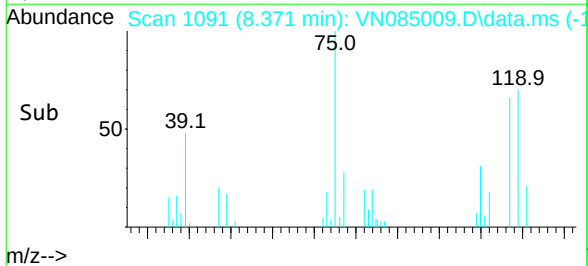
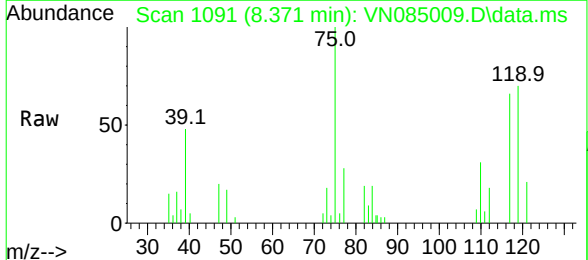
Manual Integrations
 APPROVED

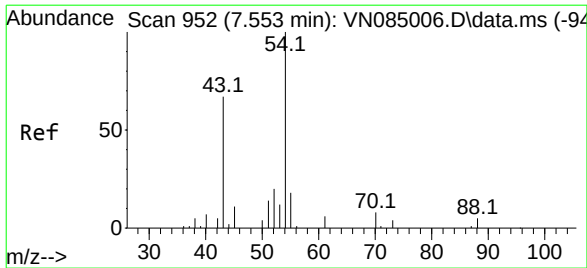
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#36
 1,1-Dichloropropene
 Concen: 5.140 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085009.D
 Acq: 22 Nov 2024 12:57

Tgt Ion:	75	Resp:	13147
Ion Ratio	Lower	Upper	
75	100		
110	35.2	17.2	51.6
77	28.9	24.2	36.4





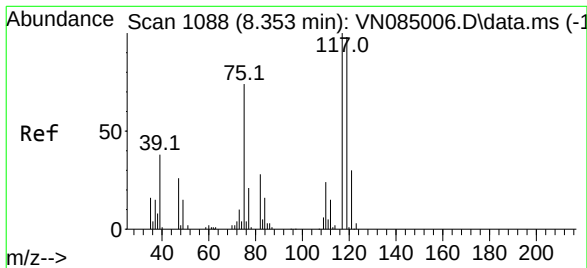
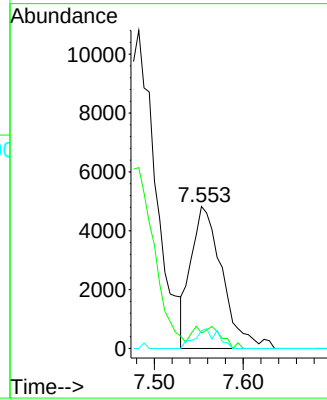
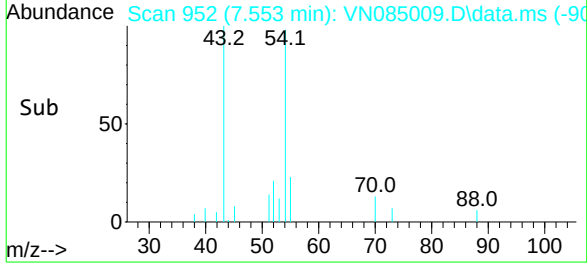
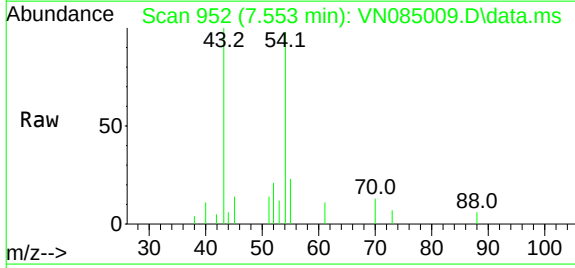
#37
Ethyl Acetate
Concen: 5.114 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 11891
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 10.4 9.3 13.9

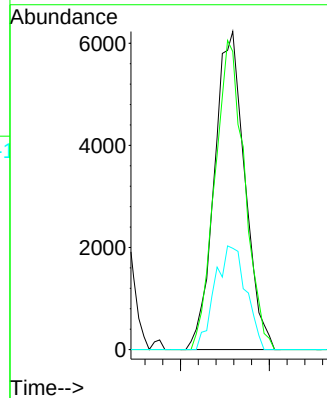
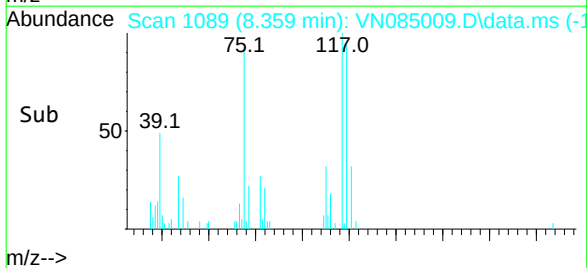
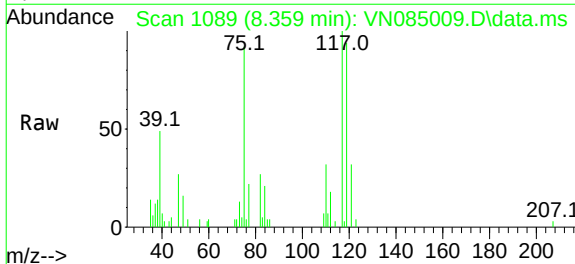
Manual Integrations
APPROVED

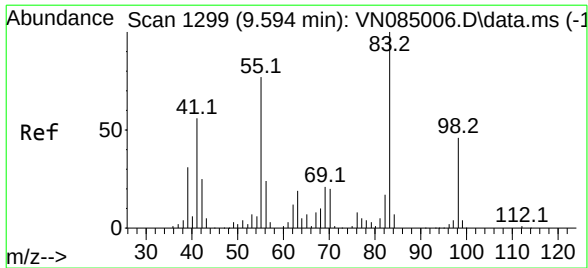
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#38
Carbon Tetrachloride
Concen: 5.022 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

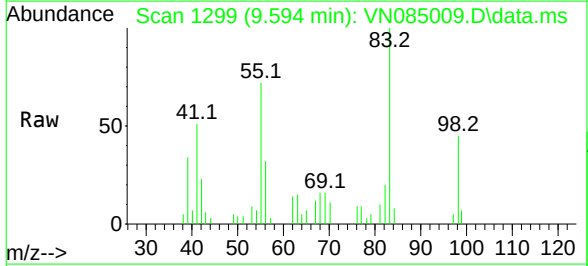
Tgt Ion:117 Resp: 14827
Ion Ratio Lower Upper
117 100
119 93.7 78.6 117.8
121 31.8 24.2 36.2





#39
Methylcyclohexane
Concen: 4.945 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

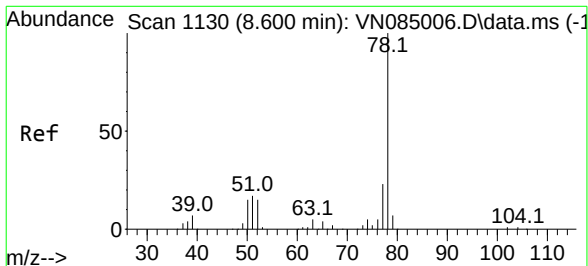
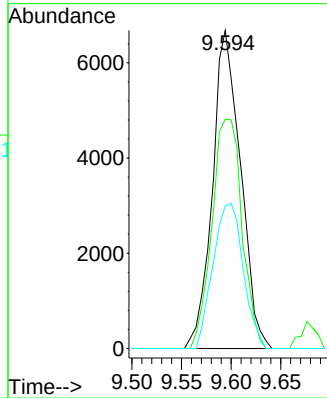
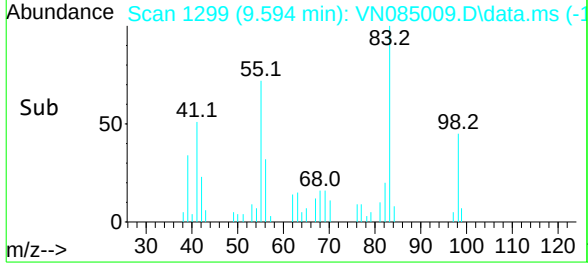
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 13143
Ion Ratio Lower Upper
83 100
55 72.1 61.8 92.6
98 44.8 37.0 55.6

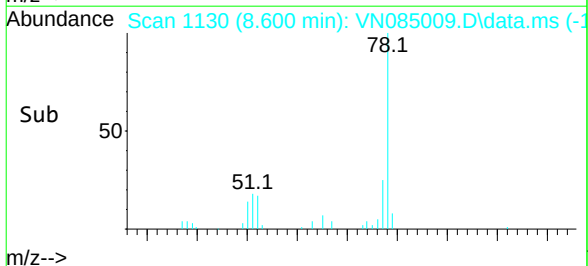
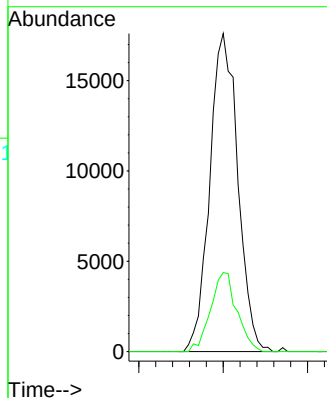
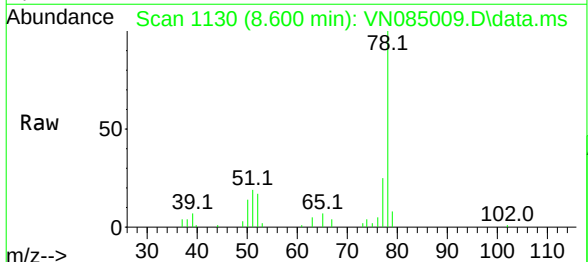
Manual Integrations
APPROVED

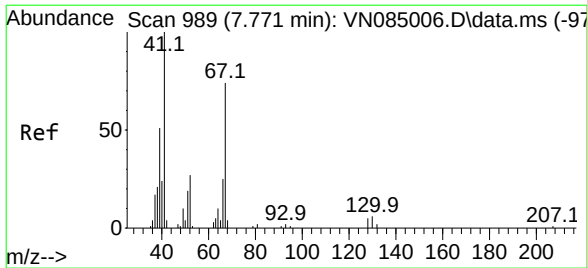
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#40
Benzene
Concen: 5.026 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

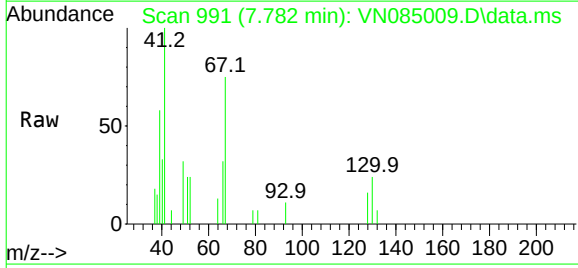
Tgt Ion: 78 Resp: 40657
Ion Ratio Lower Upper
78 100
77 24.8 18.5 27.7





#41
Methacrylonitrile
Concen: 4.417 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.011 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

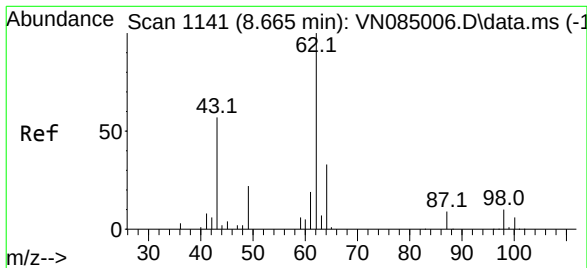
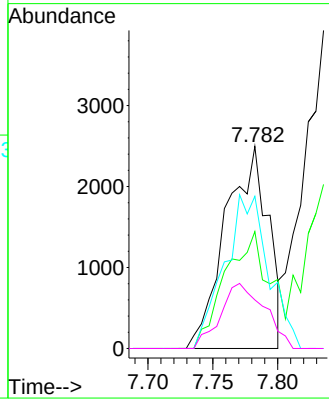
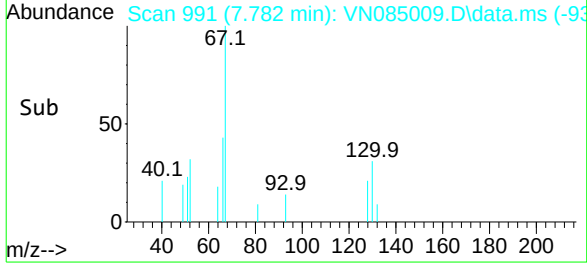
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 5687
Ion Ratio Lower Upper
41 100
39 60.9 42.6 63.8
67 78.7 59.9 89.9
52 33.4 24.8 37.2

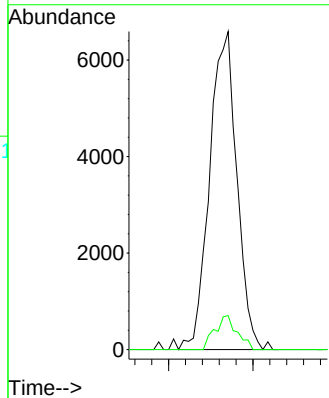
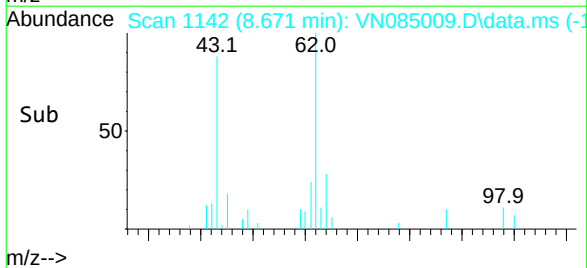
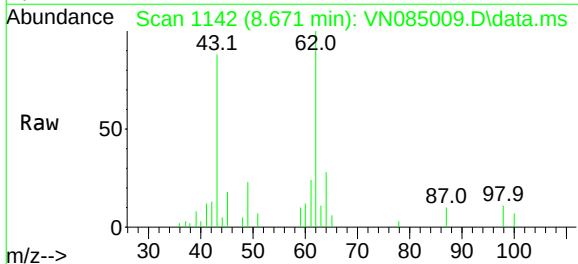
Manual Integrations
APPROVED

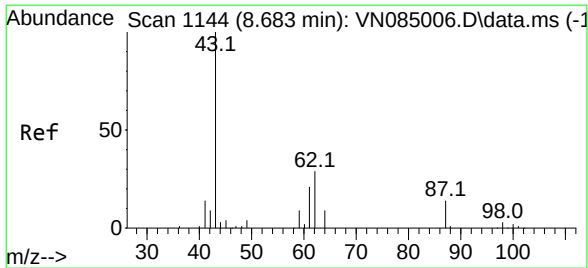
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#42
1,2-Dichloroethane
Concen: 5.356 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion: 62 Resp: 14824
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.2





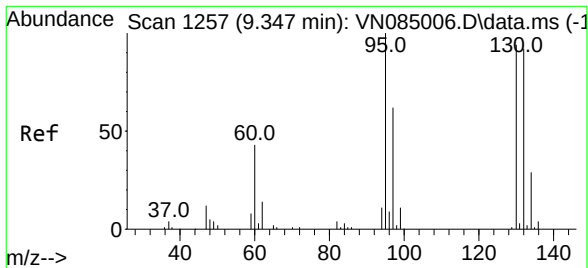
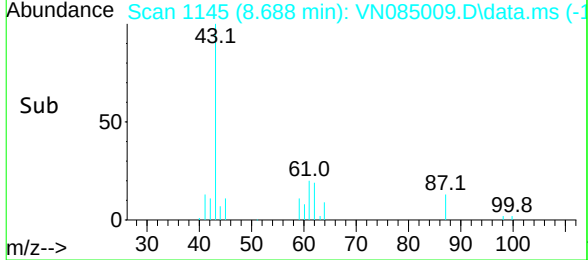
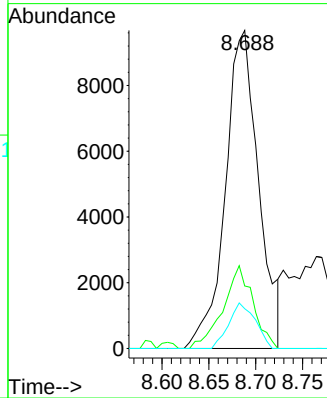
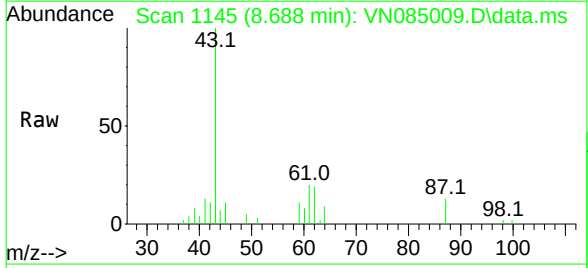
#43
Isopropyl Acetate
Concen: 4.947 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	43	Resp:	23894
Ion	Ratio	Lower	Upper
43	100		
61	23.4	20.6	30.8
87	11.4	11.0	16.4

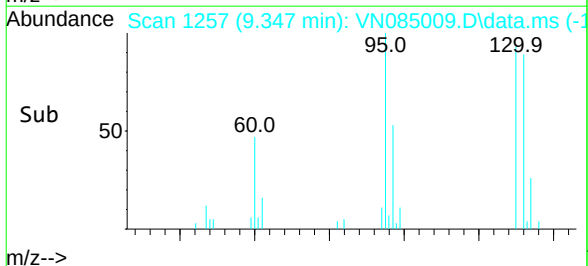
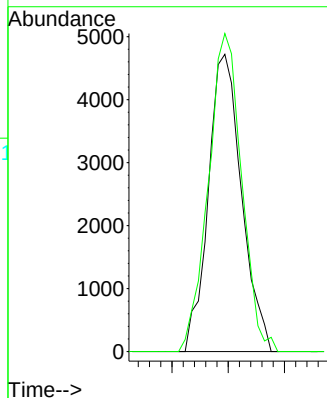
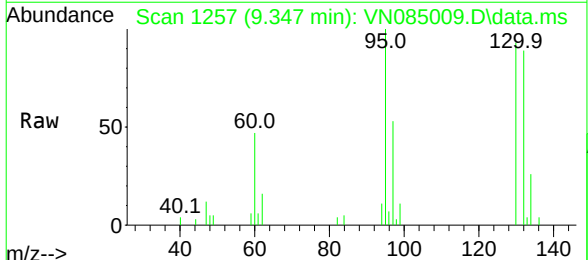
Manual Integrations
APPROVED

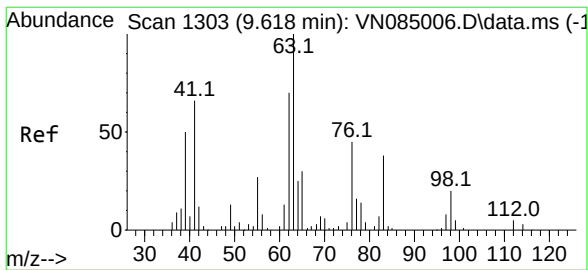
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#44
Trichloroethene
Concen: 5.165 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion:	130	Resp:	9711
Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	213.4





#45

1,2-Dichloropropane

Concen: 4.948 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 9859

Ion Ratio Lower Upper

63 100

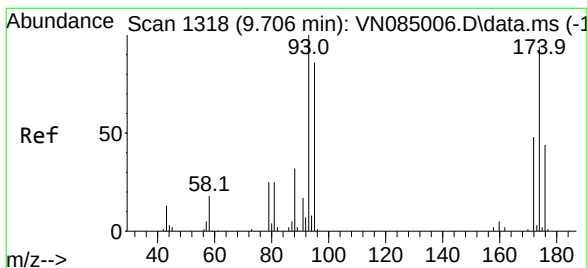
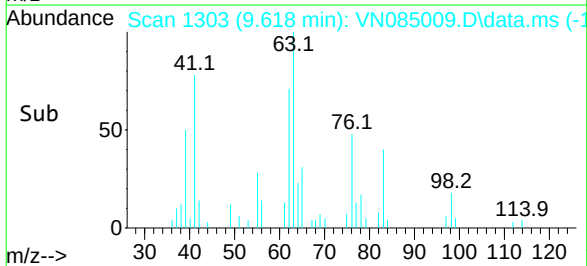
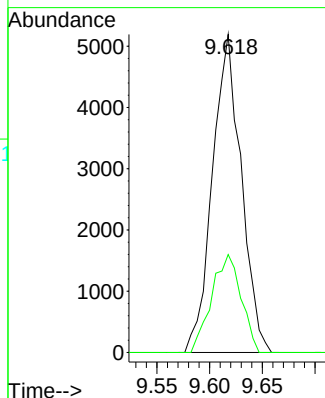
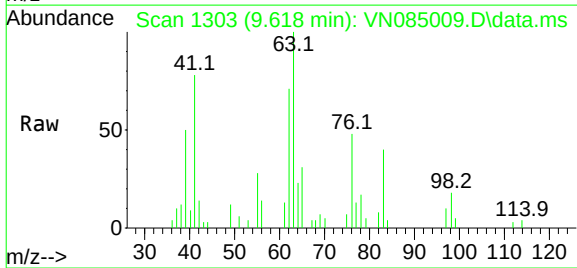
65 30.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#46

Dibromomethane

Concen: 5.028 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

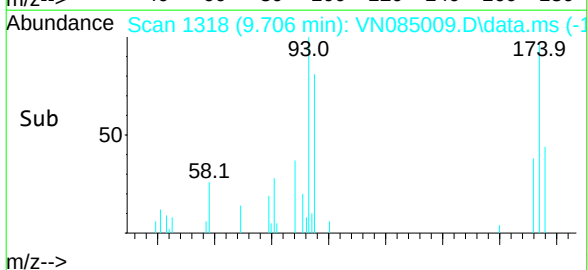
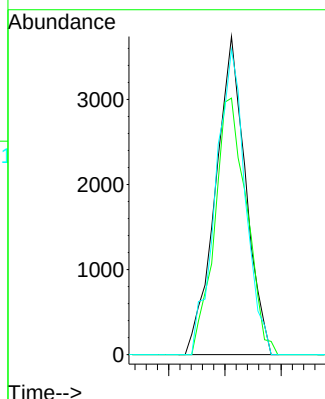
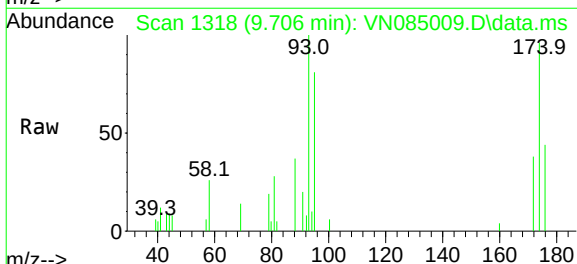
Tgt Ion: 93 Resp: 6962

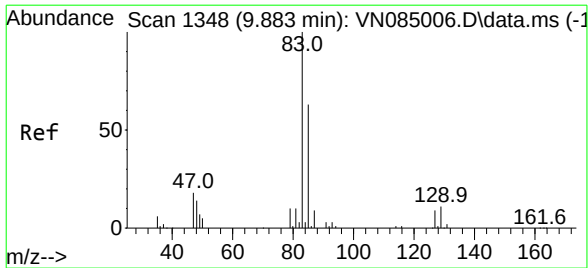
Ion Ratio Lower Upper

93 100

95 85.5 66.2 99.4

174 94.3 74.9 112.3





#47
Bromodichloromethane
Concen: 4.962 ug/l
RT: 9.888 min Scan# 1313
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :

MSVOA_N

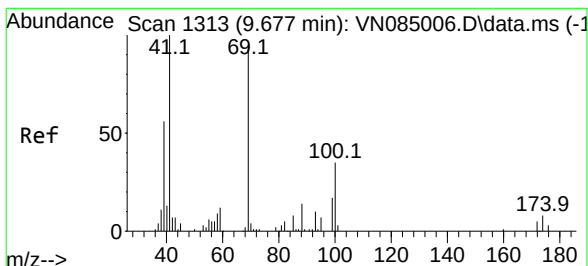
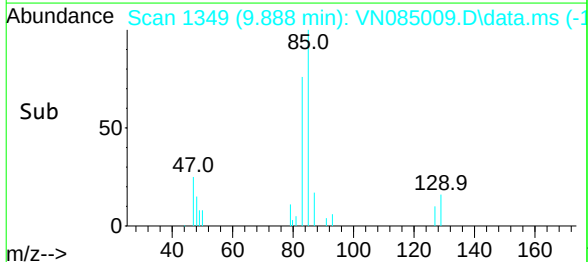
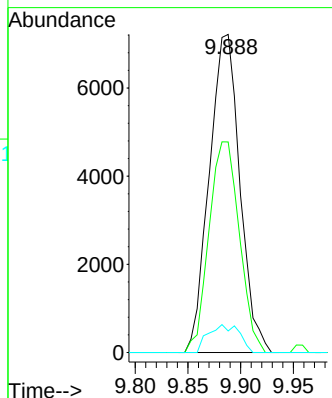
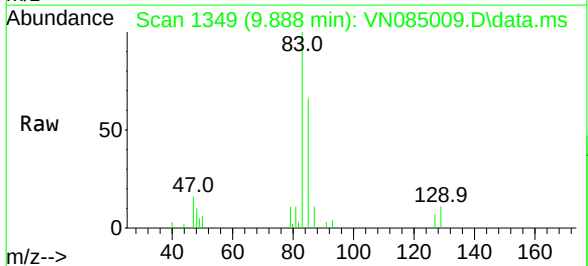
ClientSampleId :

VSTDIC005

Tgt Ion:	83	Resp:	14562
Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.5	75.7
127	6.8	7.1	10.7#

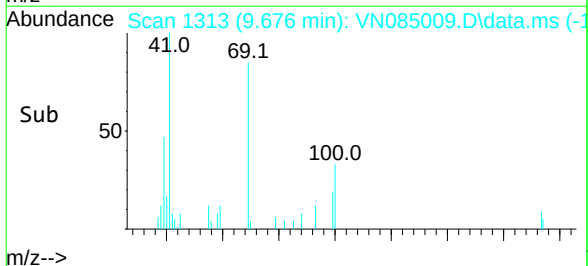
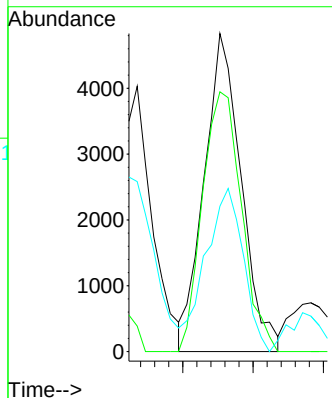
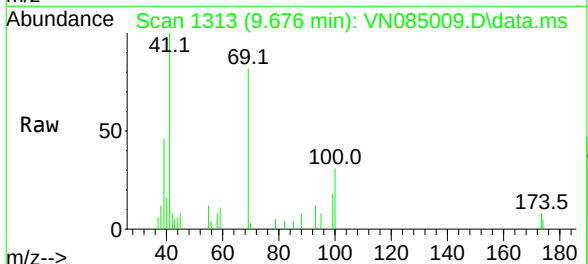
Manual Integrations
APPROVED

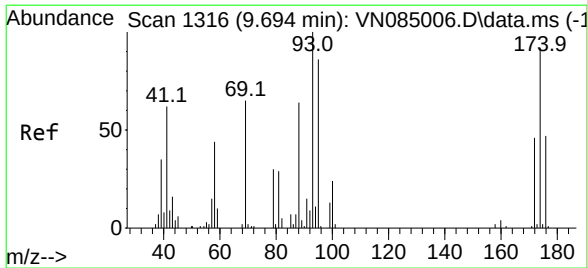
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#48
Methyl methacrylate
Concen: 4.918 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

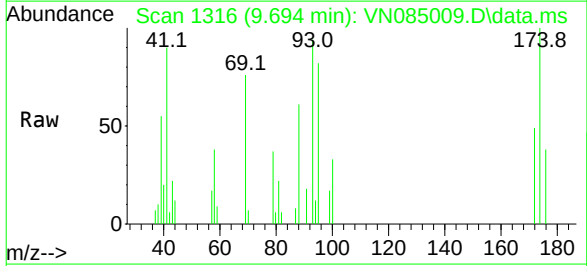
Tgt Ion:	41	Resp:	8840
Ion	Ratio	Lower	Upper
41	100		
69	86.1	73.2	109.8
39	52.3	46.2	69.4





#49
1,4-Dioxane
Concen: 94.738 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

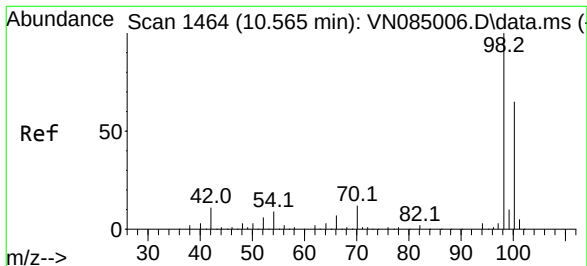
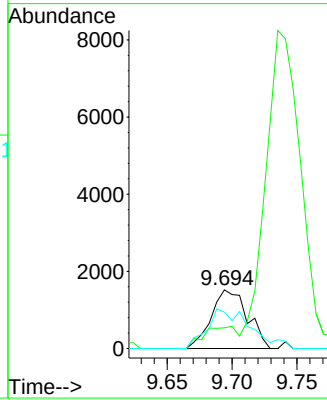
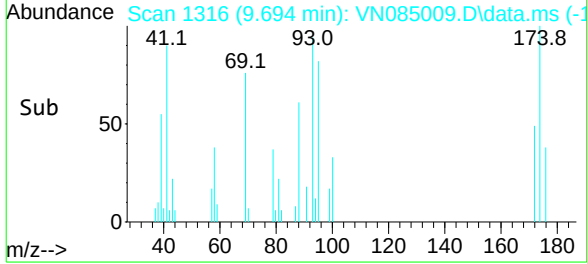
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 88 Resp: 2953
Ion Ratio Lower Upper
88 100
43 35.6 16.7 25.1#
58 80.8 56.5 84.7

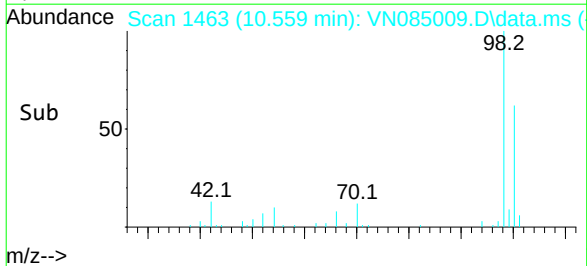
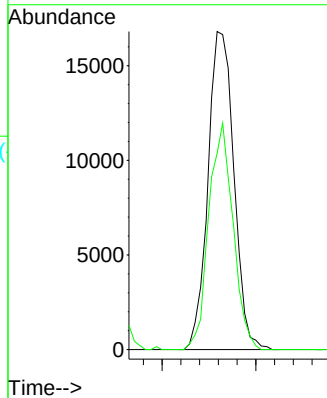
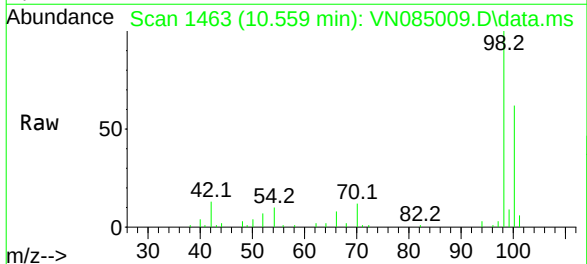
Manual Integrations
APPROVED

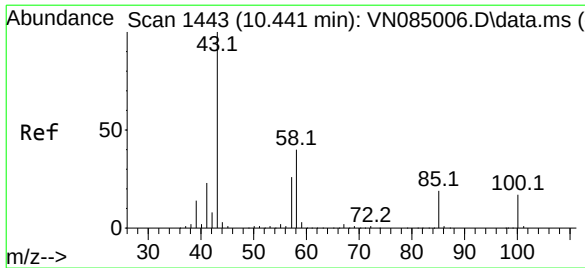
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#50
Toluene-d8
Concen: 4.775 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion: 98 Resp: 32318
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7





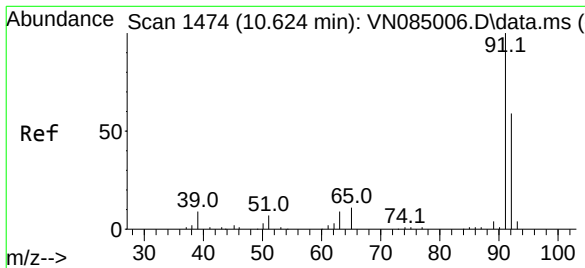
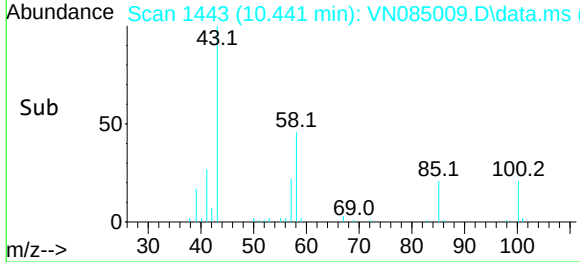
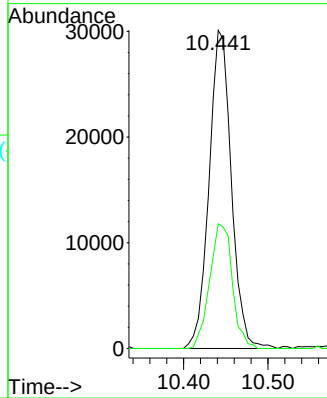
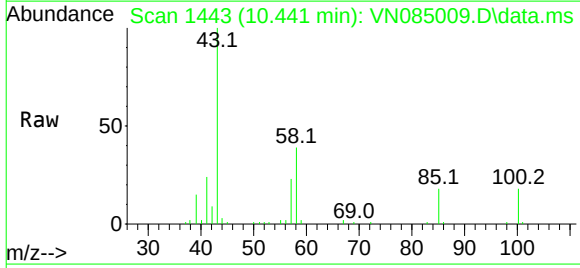
#51
4-Methyl-2-Pentanone
Concen: 25.010 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 55176
Ion Ratio Lower Upper
43 100
58 39.8 32.1 48.1

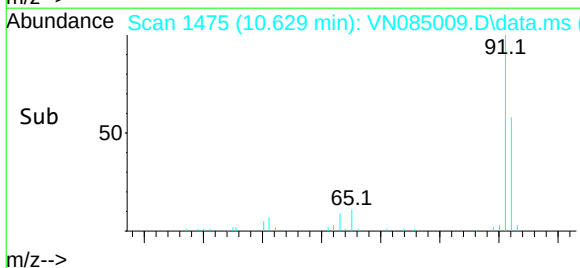
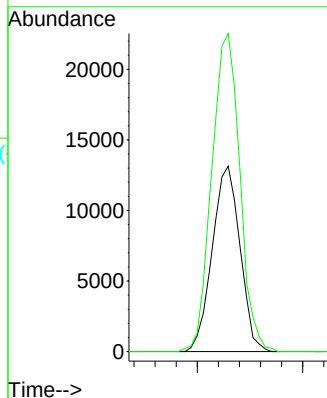
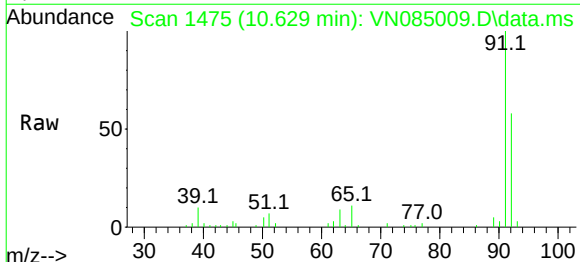
Manual Integrations
APPROVED

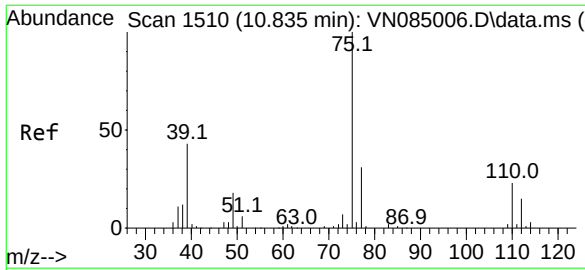
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#52
Toluene
Concen: 5.022 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

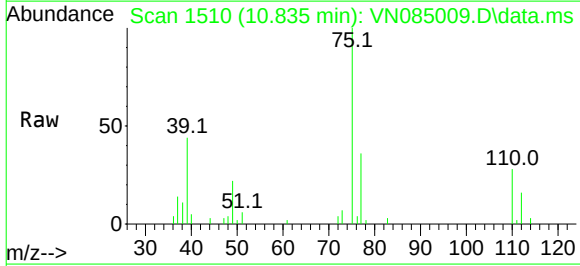
Tgt Ion: 92 Resp: 24051
Ion Ratio Lower Upper
92 100
91 173.6 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 4.559 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

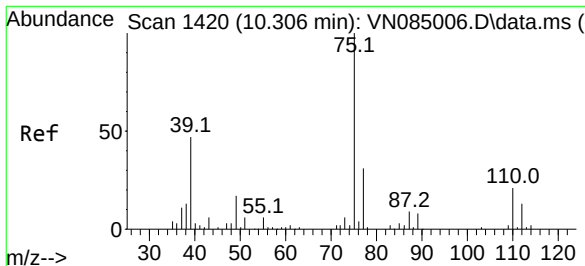
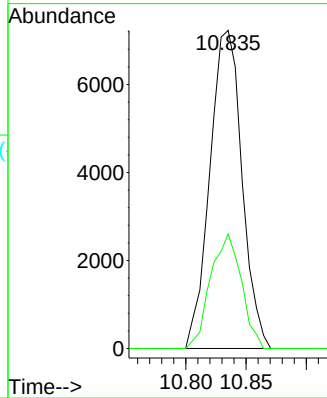
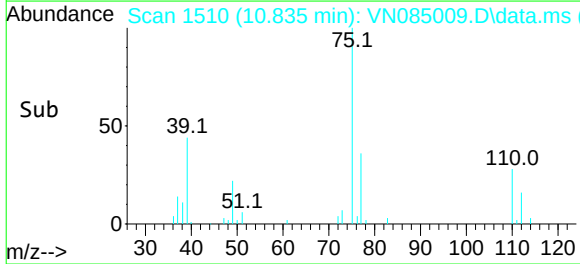
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



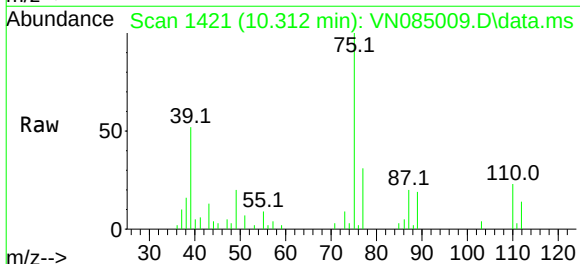
Tgt Ion: 75 Resp: 13412
Ion Ratio Lower Upper
75 100
77 36.0 25.0 37.4

Manual Integrations
APPROVED

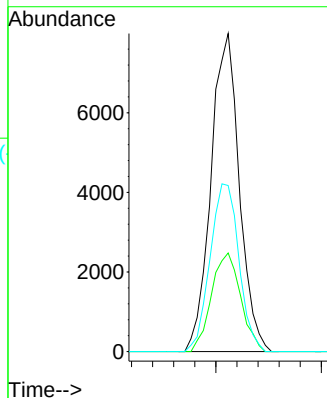
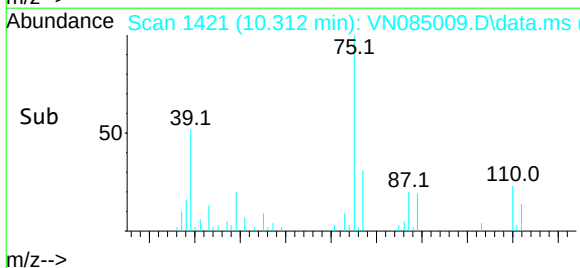
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

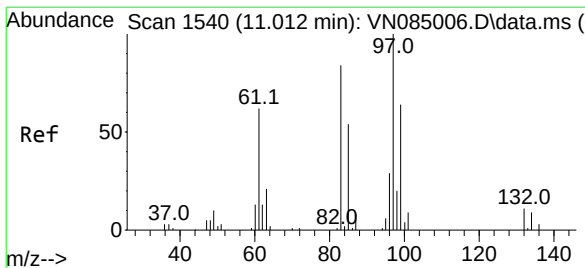


#54
cis-1,3-Dichloropropene
Concen: 4.779 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57



Tgt Ion: 75 Resp: 14917
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4
39 52.2 37.6 56.4





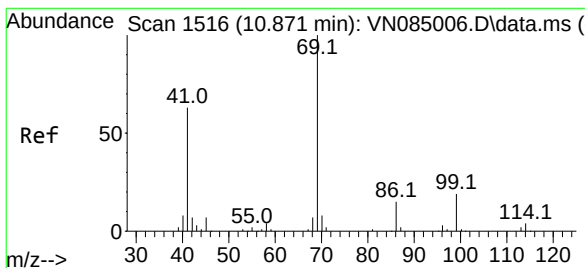
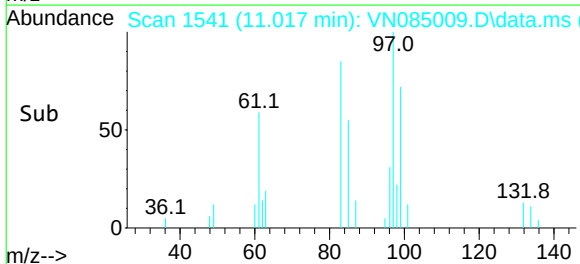
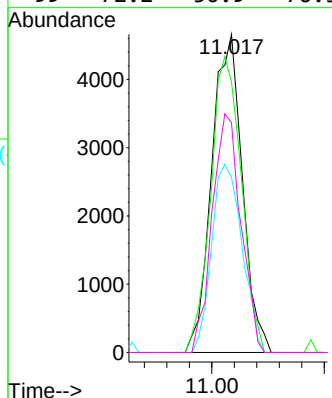
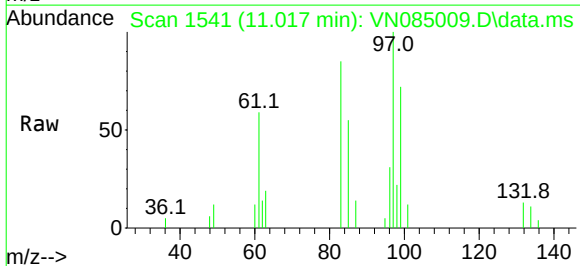
#55
1,1,2-Trichloroethane
Concen: 4.928 ug/l
RT: 11.017 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	97	Resp:	8791
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.4	101.2
85	55.0	43.1	64.7
99	72.2	50.9	76.3

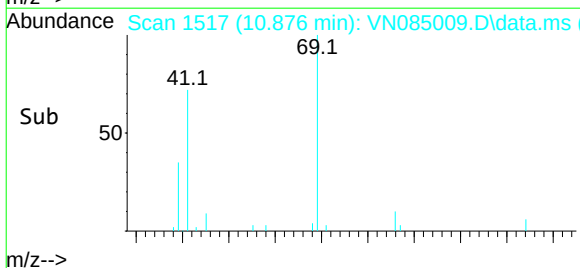
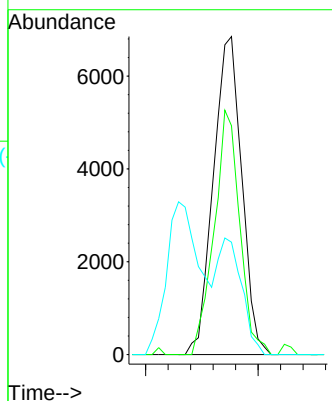
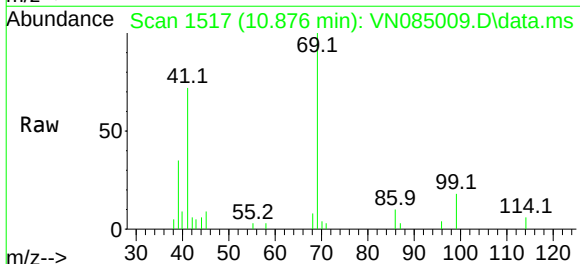
Manual Integrations
APPROVED

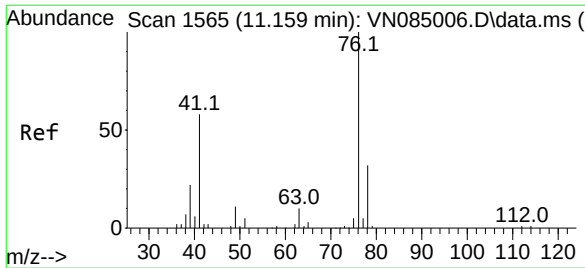
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#56
Ethyl methacrylate
Concen: 4.605 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

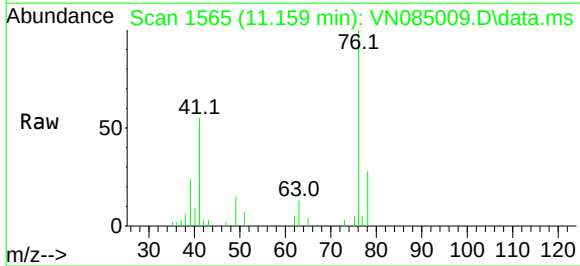
Tgt Ion:	69	Resp:	12004
Ion	Ratio	Lower	Upper
69	100		
41	69.4	50.0	75.0
39	31.3	27.0	40.6





#57
1,3-Dichloropropane
Concen: 5.012 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

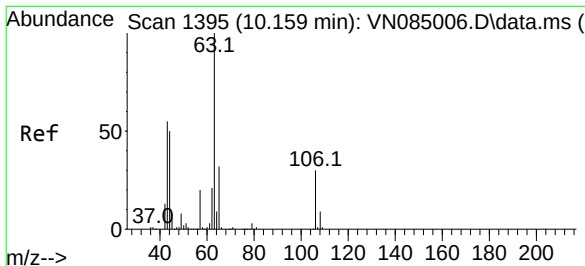
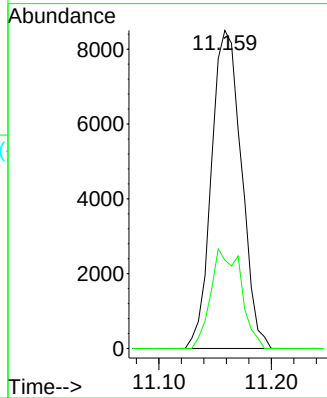
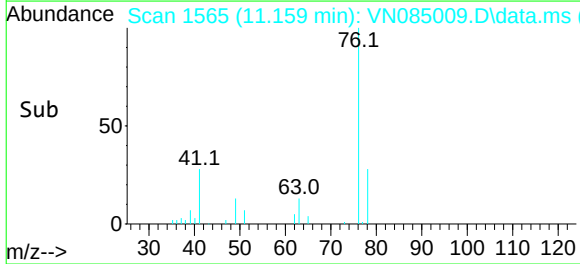
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 15736
Ion Ratio Lower Upper
76 100
78 31.7 26.1 39.1

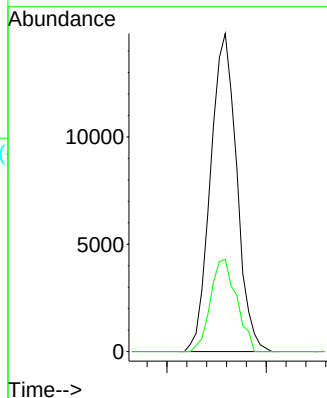
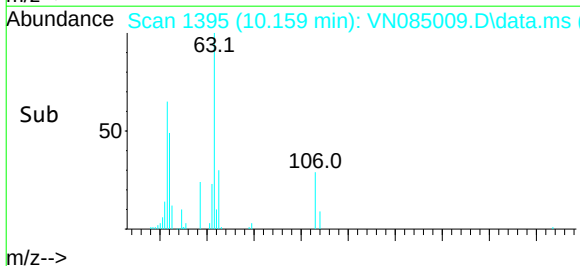
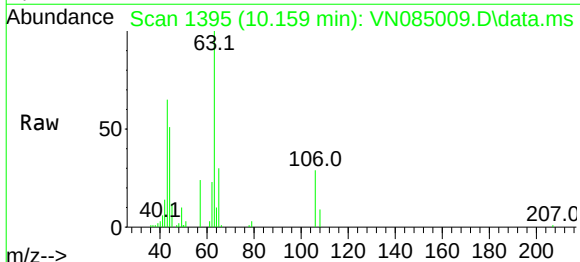
Manual Integrations
APPROVED

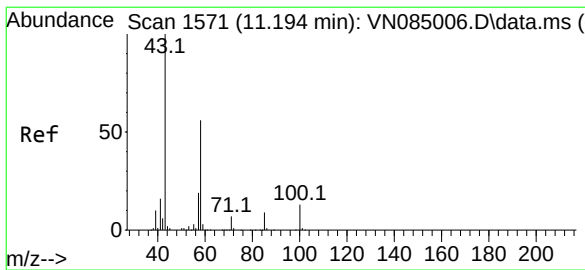
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#58
2-Chloroethyl Vinyl ether
Concen: 21.254 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion: 63 Resp: 27177
Ion Ratio Lower Upper
63 100
106 28.8 23.0 34.6





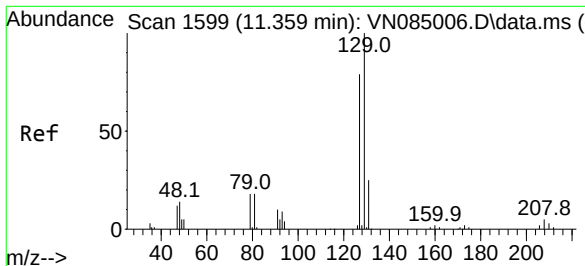
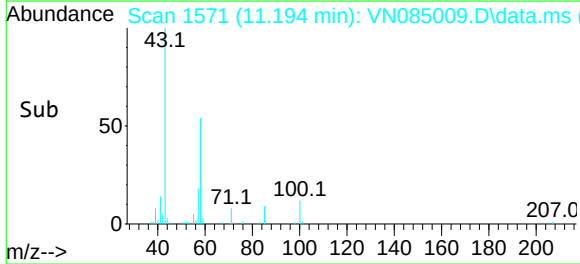
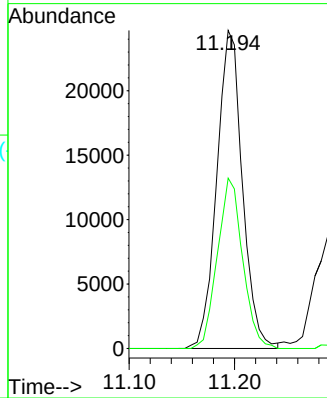
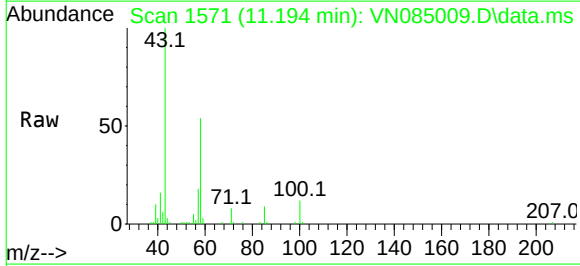
#59
2-Hexanone
Concen: 25.237 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 41641
Ion Ratio Lower Upper
43 100
58 52.8 28.3 85.0

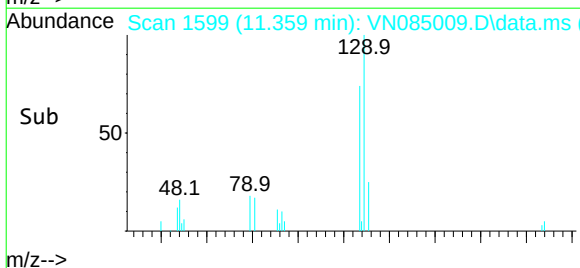
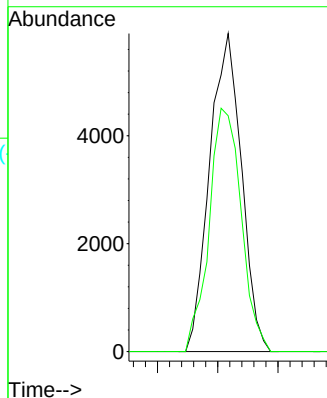
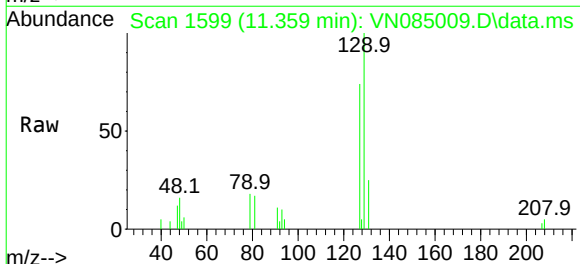
Manual Integrations
APPROVED

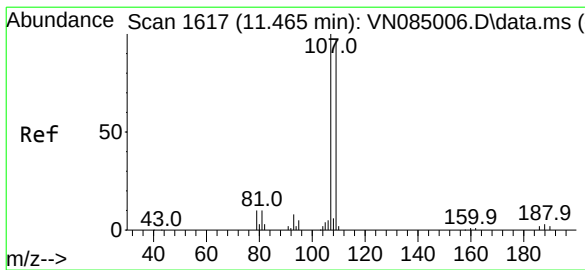
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#60
Dibromochloromethane
Concen: 4.974 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion:129 Resp: 10844
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6





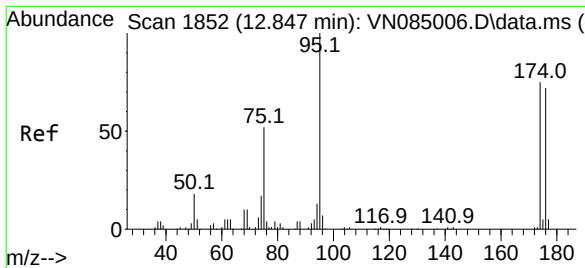
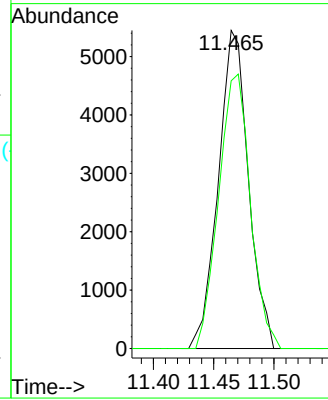
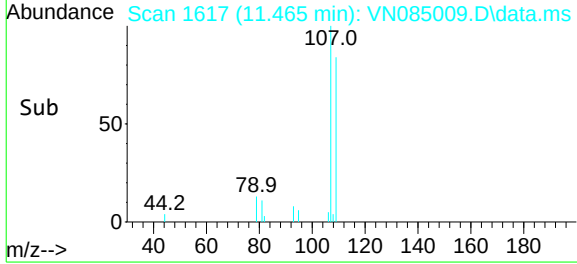
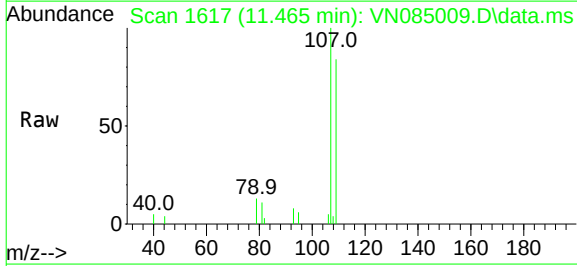
#61
1,2-Dibromoethane
Concen: 5.128 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 107 Resp: 9468
Ion Ratio Lower Upper
107 100
109 90.8 76.1 114.1

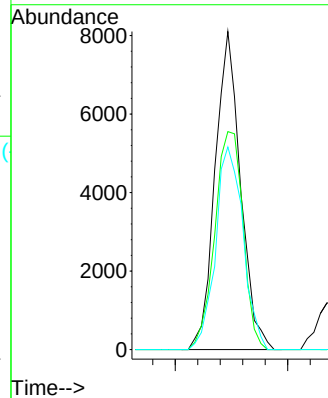
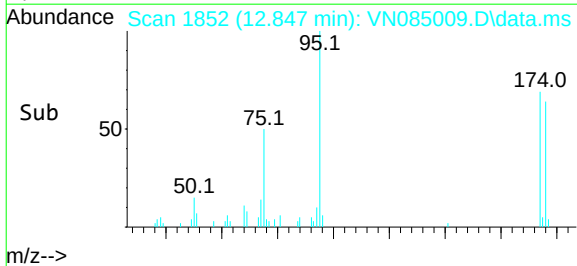
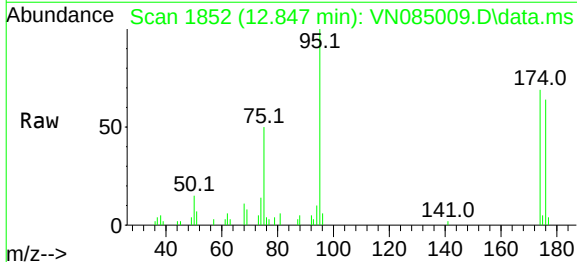
Manual Integrations
APPROVED

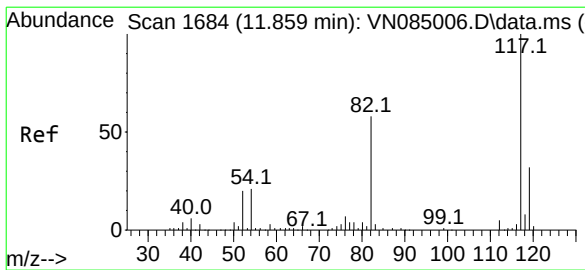
Reviewed By : John Carlone 11/25/2024
Supervised By : Mahesh Dadoda 11/25/2024



#62
4-Bromofluorobenzene
Concen: 5.024 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion: 95 Resp: 12715
Ion Ratio Lower Upper
95 100
174 76.0 0.0 146.6
176 68.8 0.0 141.8





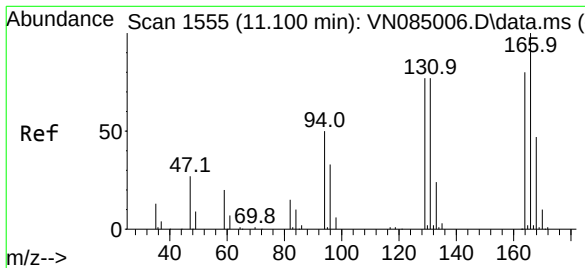
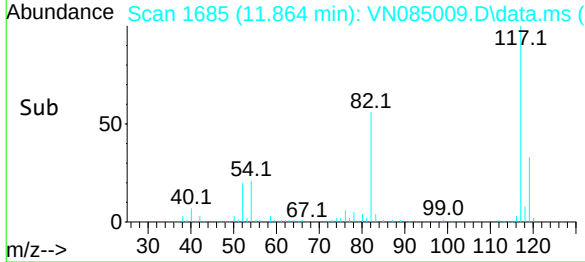
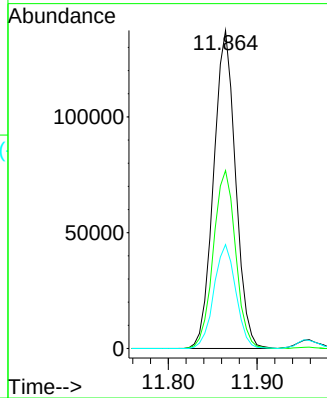
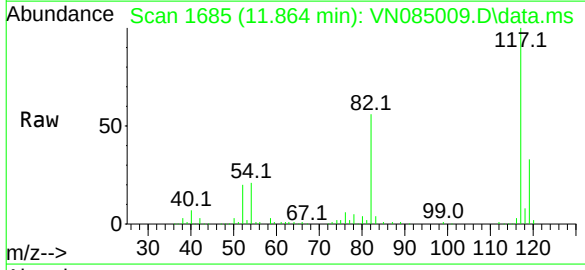
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:	117	Resp:	235767
Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.0	69.0
119	32.7	25.6	38.4

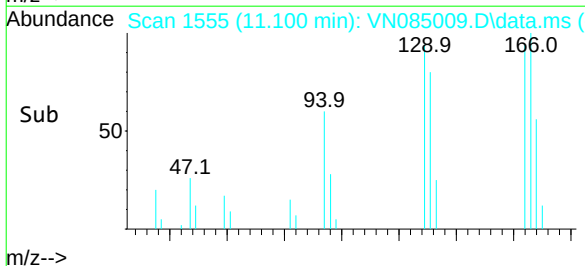
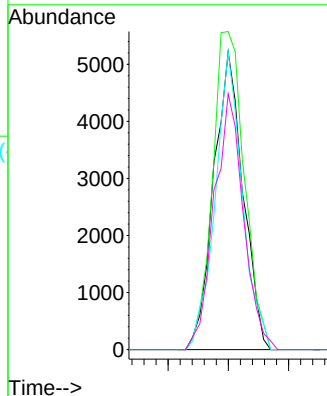
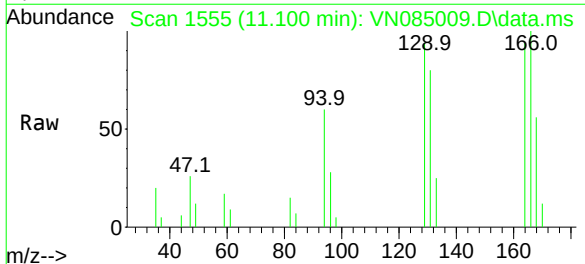
Manual Integrations
APPROVED

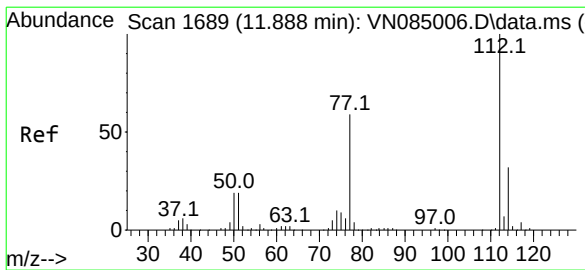
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#64
Tetrachloroethene
Concen: 5.556 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion:	164	Resp:	8826
Ion	Ratio	Lower	Upper
164	100		
166	106.8	100.6	151.0
129	99.9	77.7	116.5
131	85.9	77.2	115.8





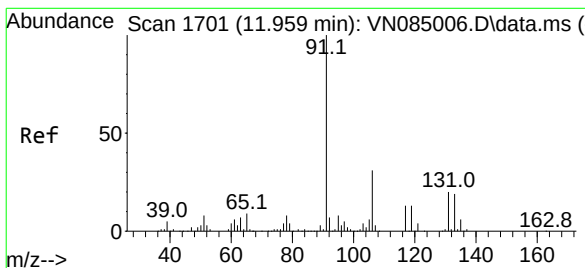
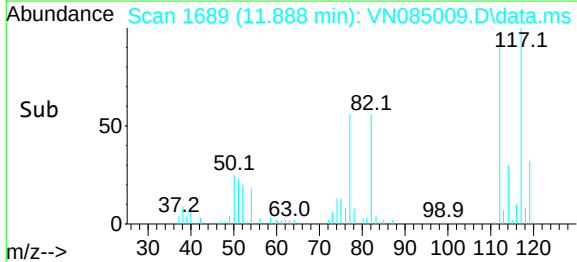
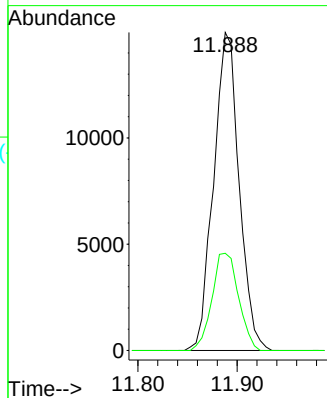
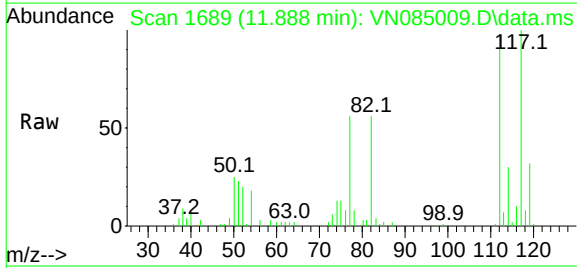
#65
Chlorobenzene
Concen: 4.997 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 26717
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.6

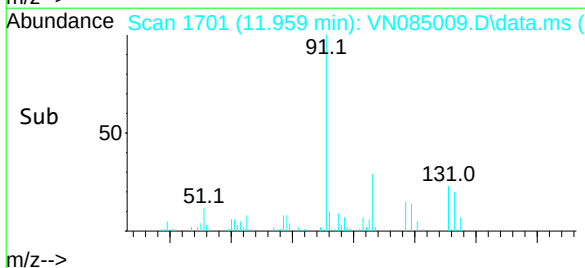
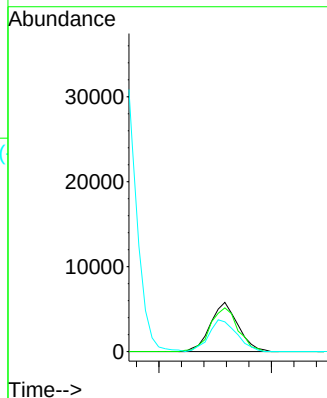
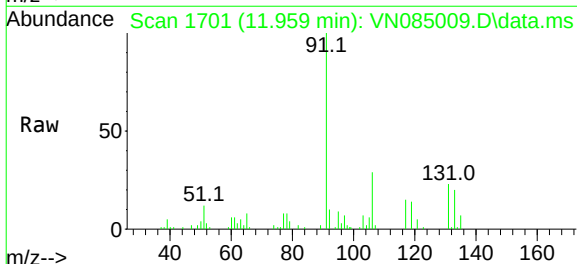
Manual Integrations
APPROVED

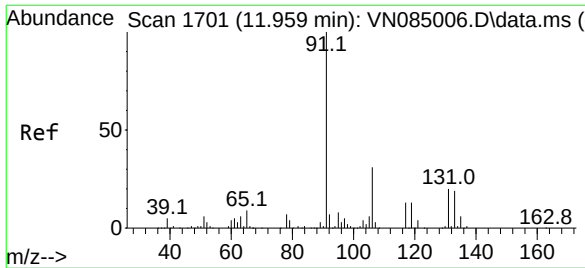
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 5.261 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

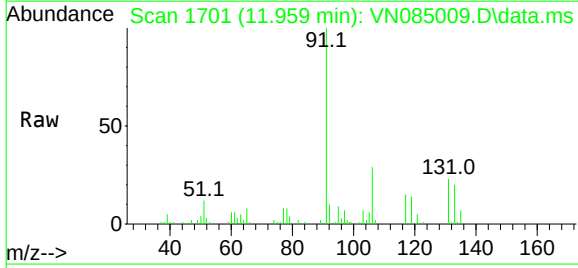
Tgt Ion:131 Resp: 9904
Ion Ratio Lower Upper
131 100
133 89.9 47.8 143.4
119 65.0 32.1 96.3





#67
Ethyl Benzene
Concen: 4.916 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

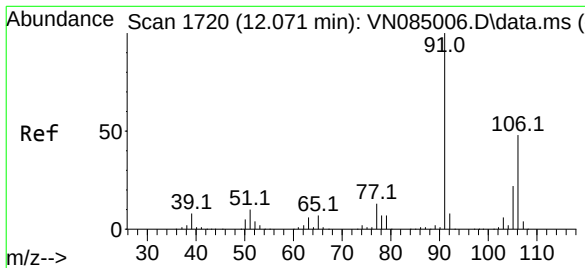
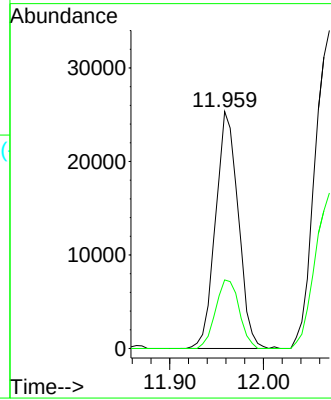
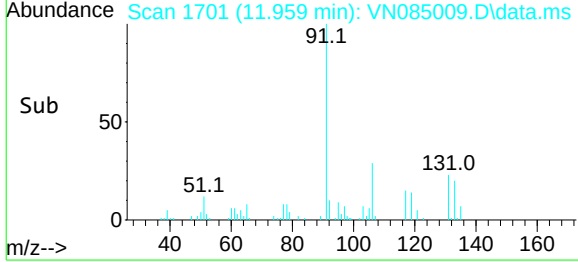
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 42642
Ion Ratio Lower Upper
91 100
106 28.9 24.7 37.1

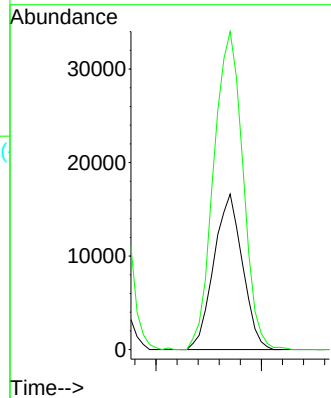
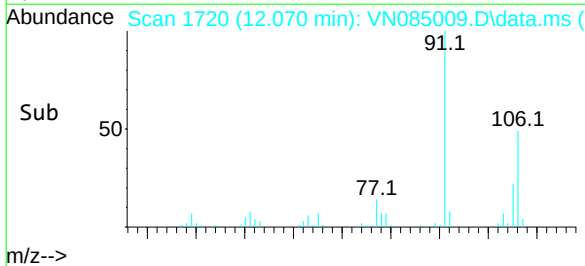
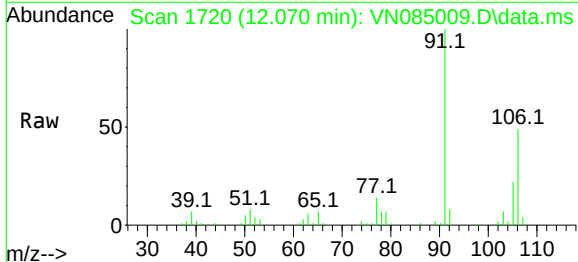
Manual Integrations
APPROVED

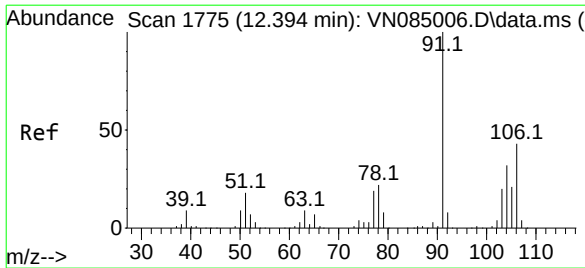
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#68
m/p-Xylenes
Concen: 9.514 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion:106 Resp: 31421
Ion Ratio Lower Upper
106 100
91 208.8 168.0 252.0





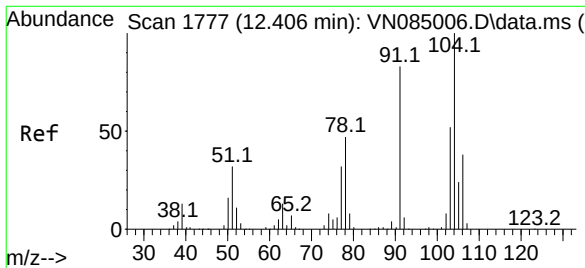
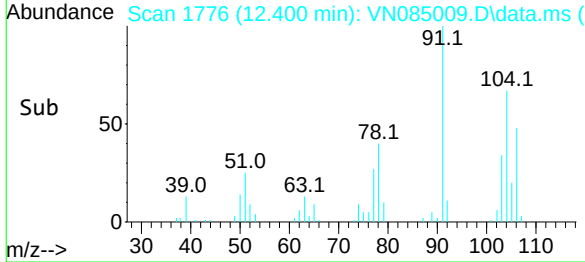
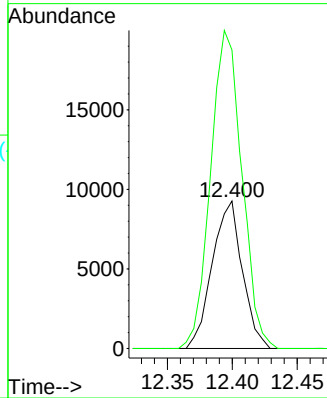
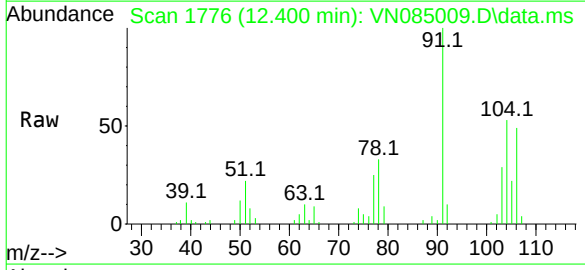
#69
o-Xylene
Concen: 4.754 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 14935
Ion Ratio Lower Upper
106 100
91 224.5 110.7 331.9

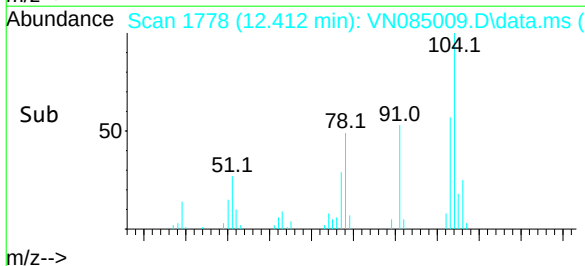
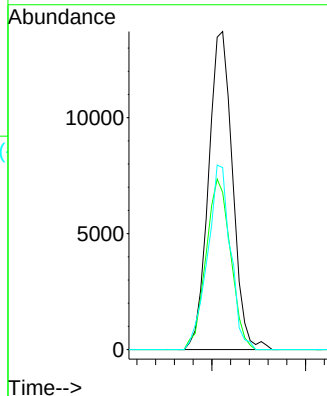
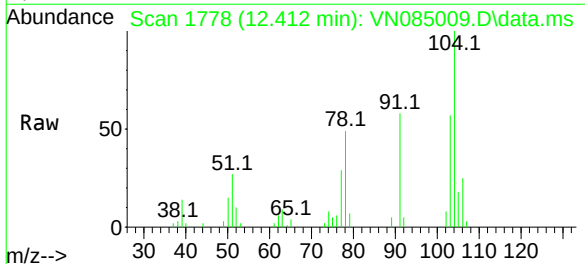
Manual Integrations
APPROVED

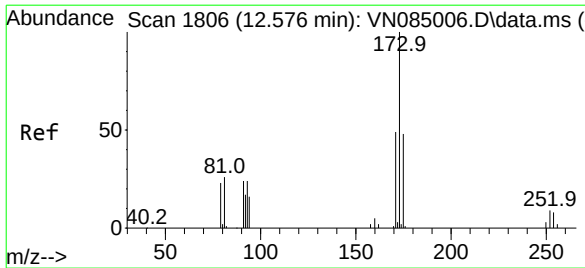
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#70
Styrene
Concen: 4.686 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion:104 Resp: 24480
Ion Ratio Lower Upper
104 100
78 54.8 42.3 63.5
103 55.3 44.2 66.2





#71

Bromoform

Concen: 5.038 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

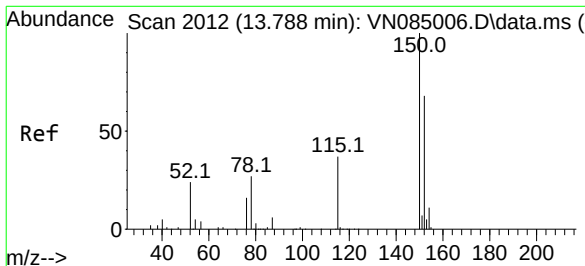
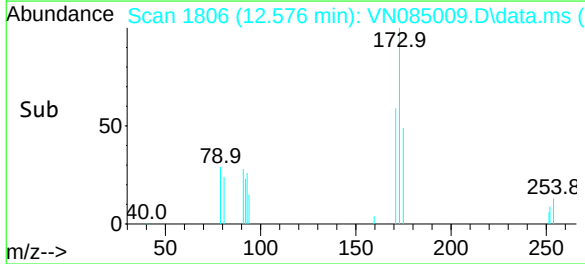
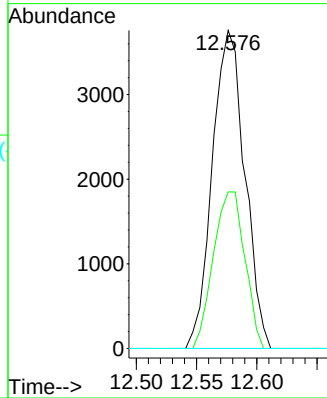
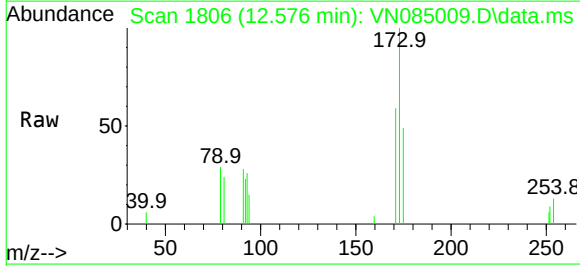
Tgt Ion:	173	Resp:	7040
Ion Ratio	Lower	Upper	
173	100		
175	47.7	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

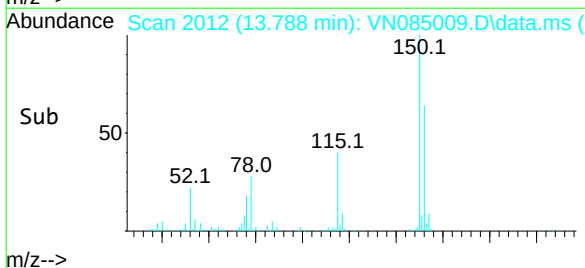
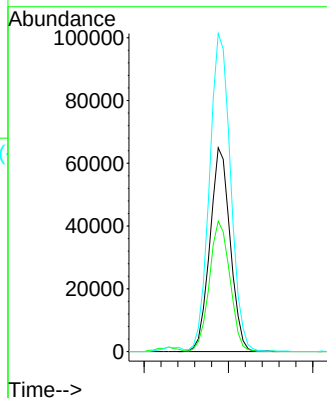
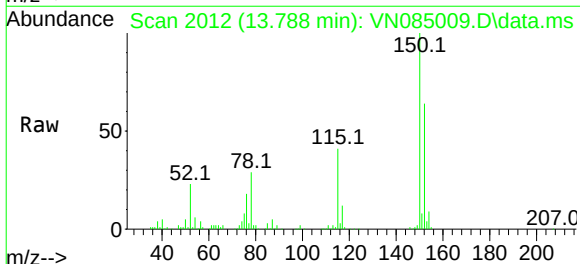
RT: 13.788 min Scan# 2012

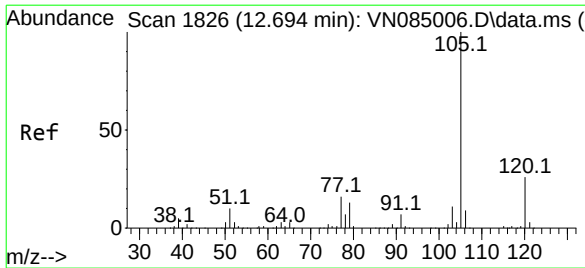
Delta R.T. -0.000 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Tgt Ion:	152	Resp:	108389
Ion Ratio	Lower	Upper	
152	100		
115	64.7	31.7	95.1
150	162.8	0.0	351.4





#73

Isopropylbenzene

Concen: 4.910 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 37544

Ion Ratio Lower Upper

105 100

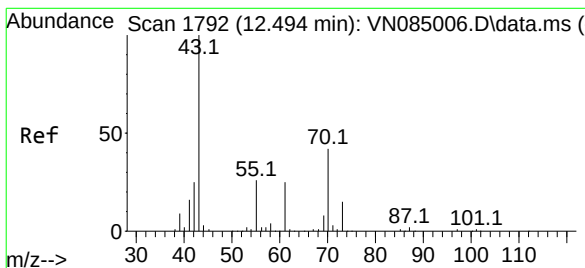
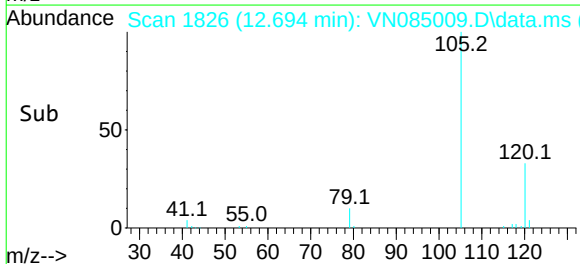
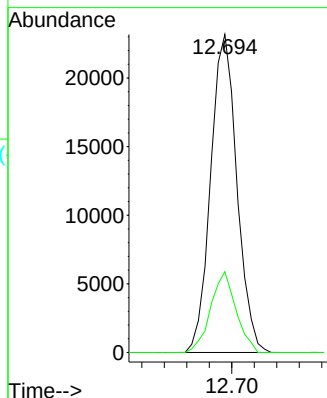
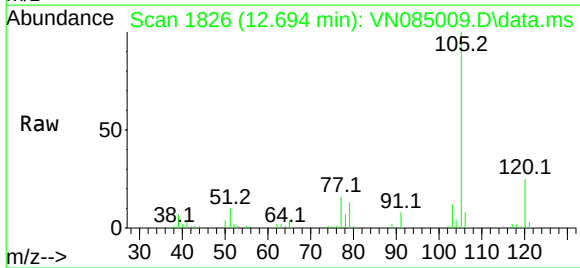
120 24.6 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#74

N-ethyl acetate

Concen: 4.759 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Tgt Ion: 43 Resp: 14995

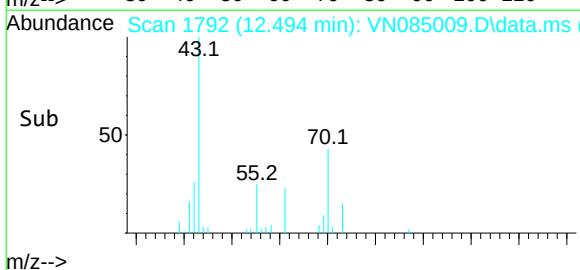
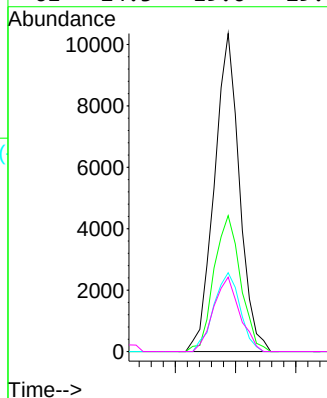
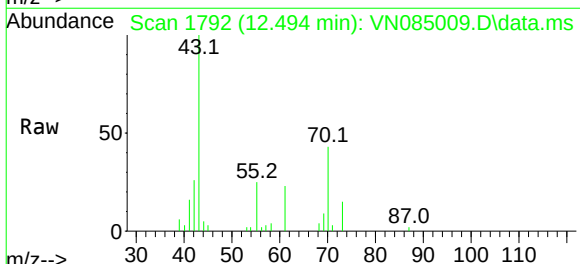
Ion Ratio Lower Upper

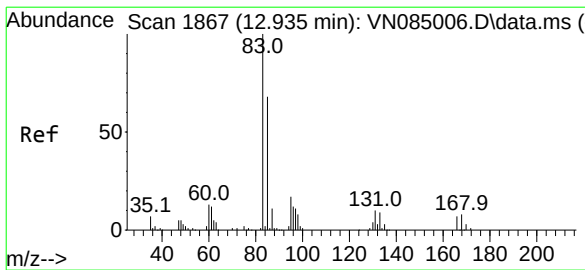
43 100

70 45.3 34.6 51.8

55 26.0 20.5 30.7

61 24.3 19.6 29.4





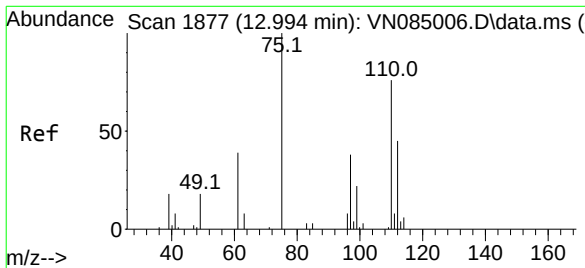
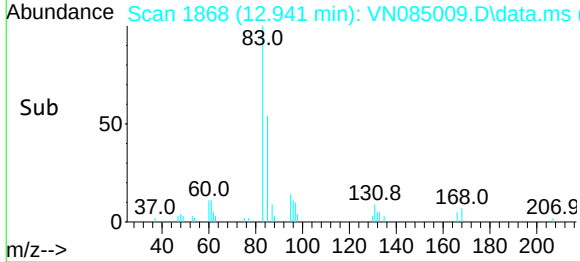
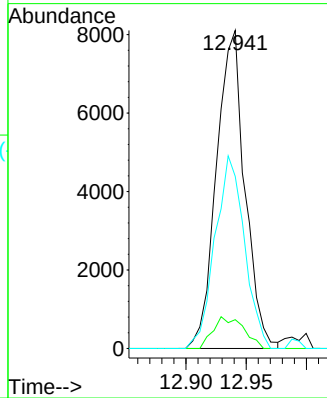
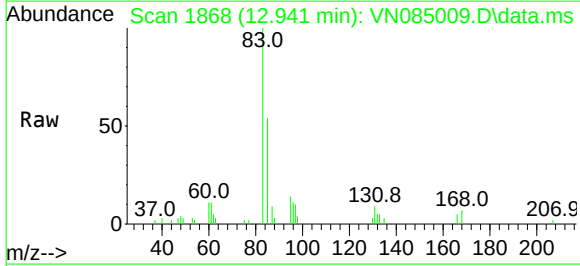
#75
1,1,2,2-Tetrachloroethane
Concen: 5.109 ug/l
RT: 12.941 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.1	15.4
85	62.6	32.1	96.3

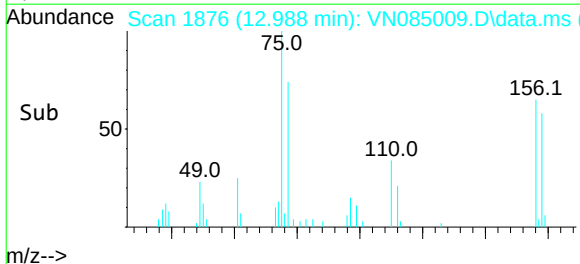
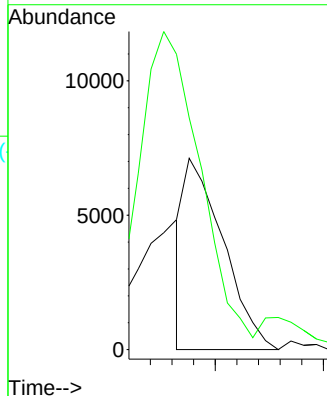
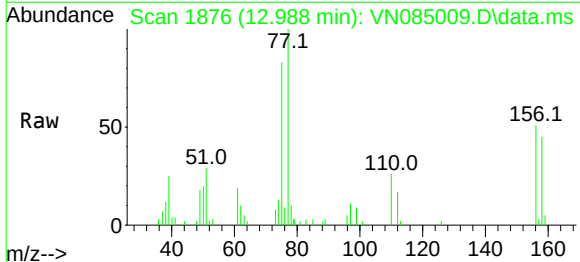
Manual Integrations
APPROVED

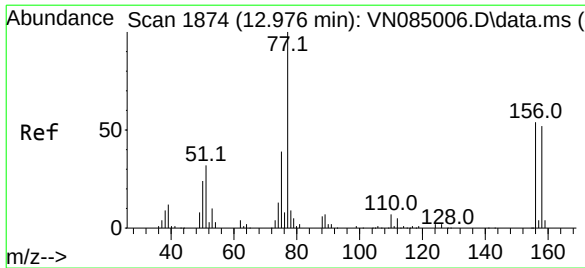
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#76
1,2,3-Trichloropropane
Concen: 4.393 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

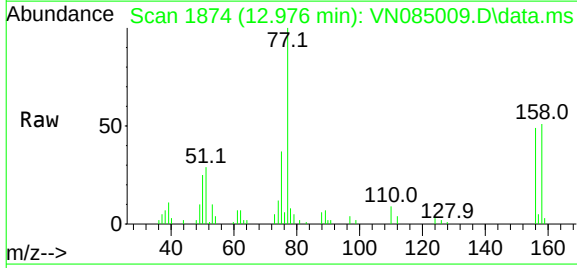
Tgt Ion	Ratio	Lower	Upper
75	100		
77	269.2	109.1	327.4





#77
Bromobenzene
Concen: 5.095 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

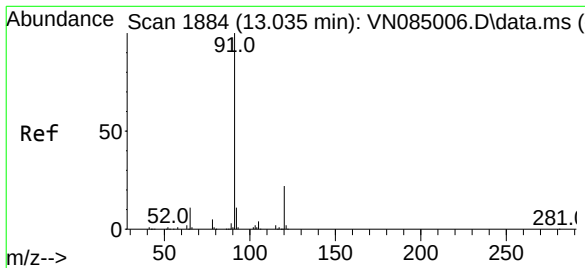
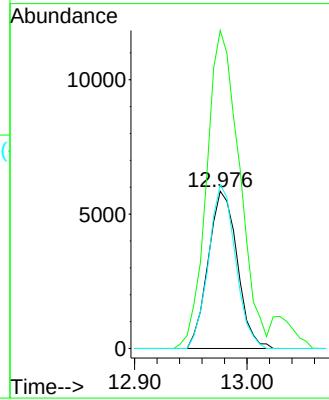
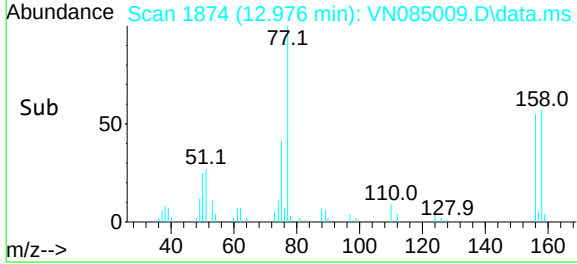
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



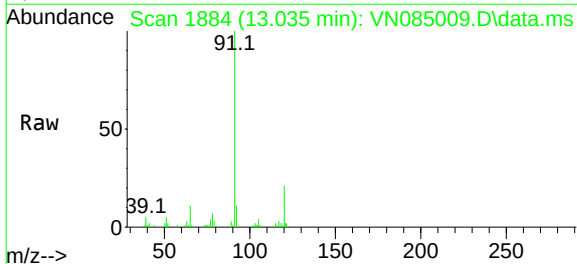
Tgt Ion: 156 Resp: 10485
Ion Ratio Lower Upper
156 100
77 228.7 107.2 321.6
158 97.2 48.5 145.6

Manual Integrations
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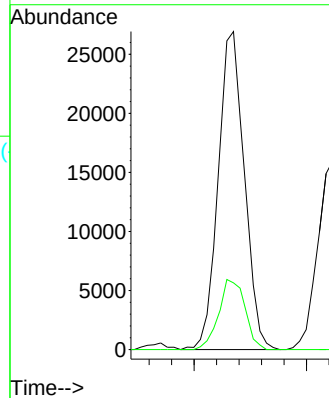
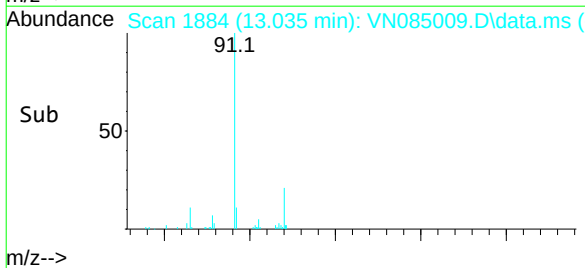
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

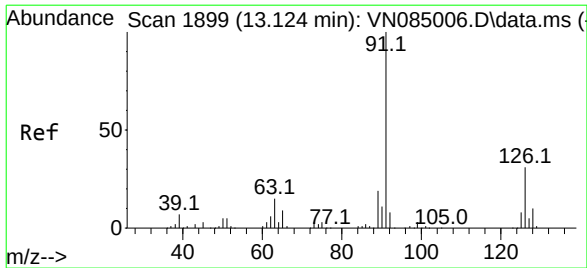


#78
n-propylbenzene
Concen: 4.931 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57



Tgt Ion: 91 Resp: 43493
Ion Ratio Lower Upper
91 100
120 22.1 11.3 33.9





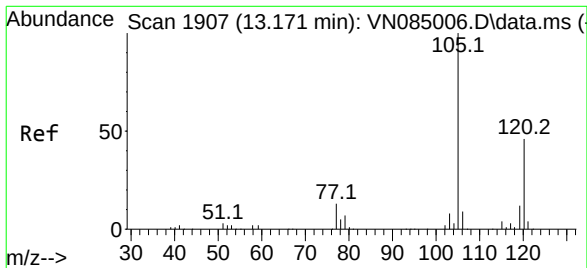
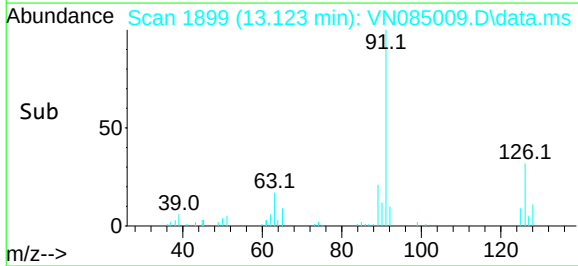
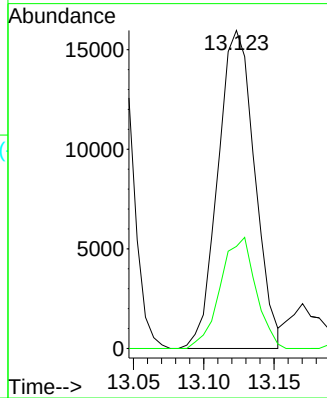
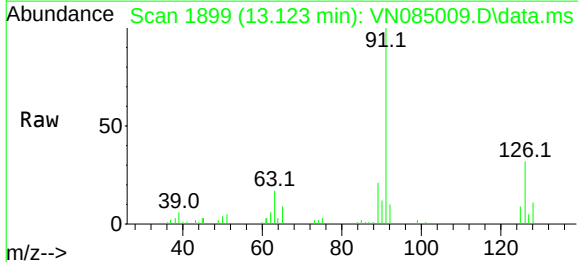
#79
2-Chlorotoluene
Concen: 4.932 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 29037
Ion Ratio Lower Upper
91 100
126 33.7 16.1 48.3

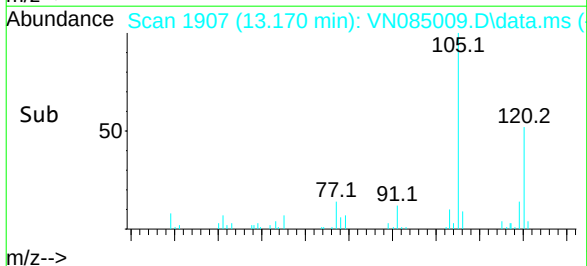
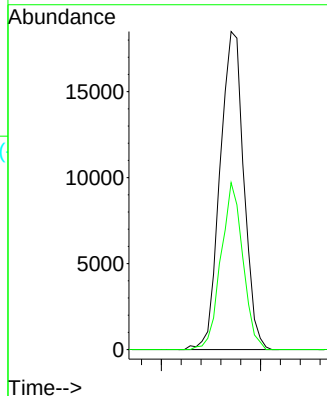
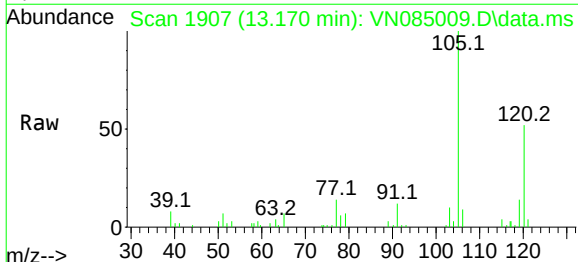
Manual Integrations
APPROVED

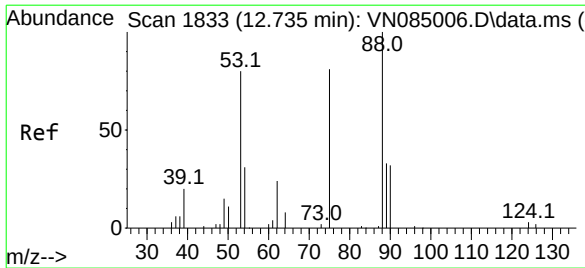
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.802 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion:105 Resp: 30809
Ion Ratio Lower Upper
105 100
120 48.4 23.6 71.0





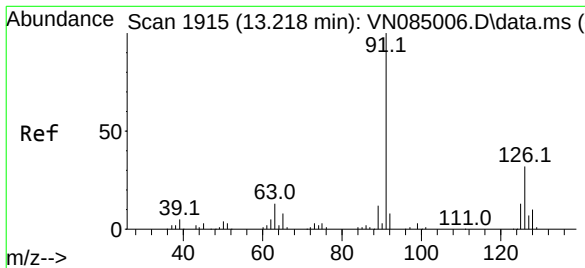
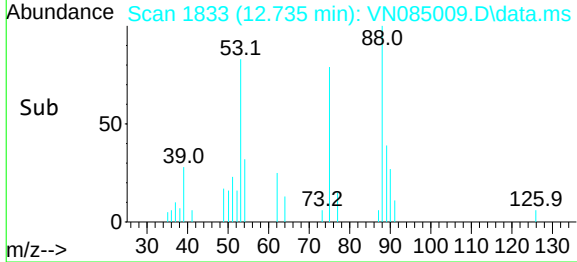
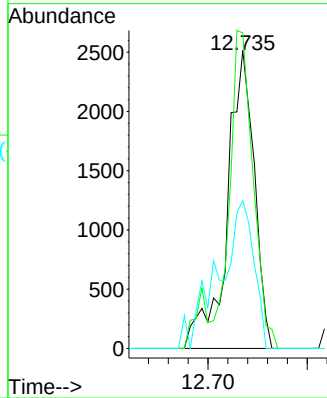
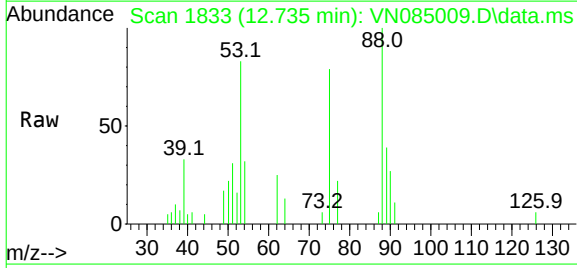
#81
trans-1,4-Dichloro-2-butene
Concen: 5.502 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 4774
Ion Ratio Lower Upper
75 100
53 92.4 78.2 117.4
89 64.5 37.9 56.9#

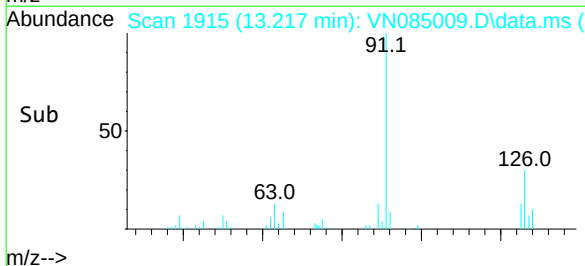
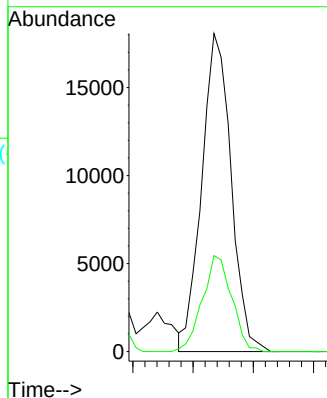
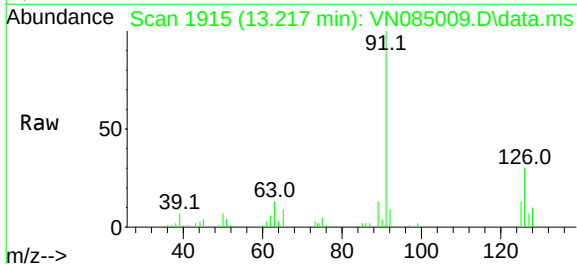
Manual Integrations
APPROVED

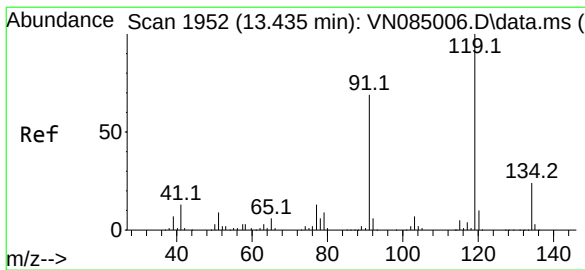
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#82
4-Chlorotoluene
Concen: 4.986 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion: 91 Resp: 30558
Ion Ratio Lower Upper
91 100
126 30.2 16.1 48.3





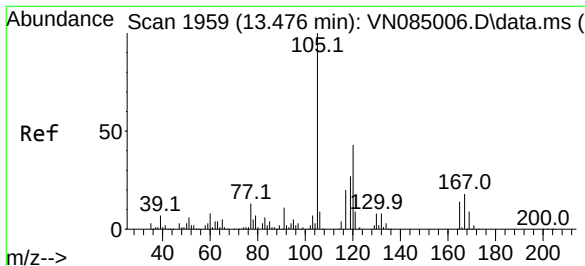
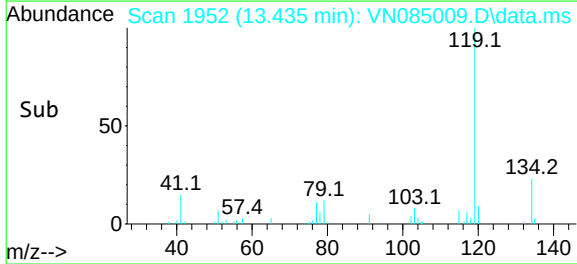
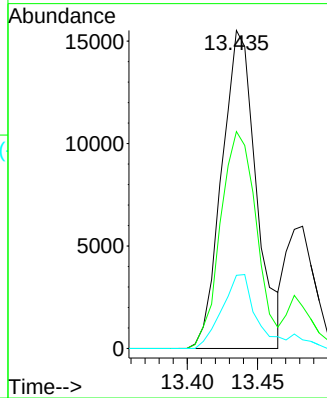
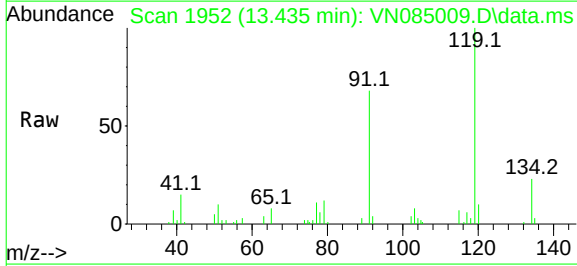
#83
tert-Butylbenzene
Concen: 4.797 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	119	Resp:	26485
Ion Ratio	Lower	Upper	
119	100		
91	71.1	35.1	105.5
134	22.9	12.1	36.3

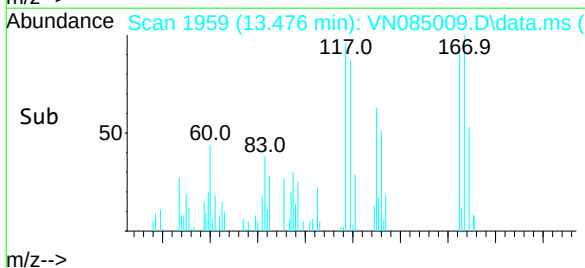
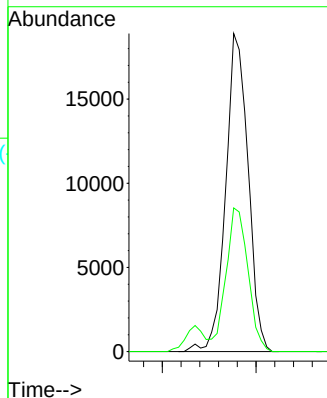
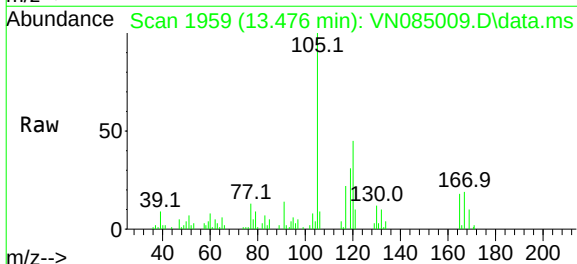
Manual Integrations
APPROVED

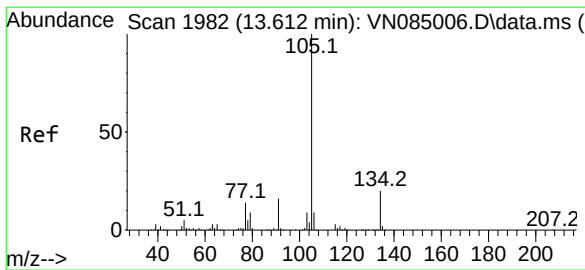
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#84
1,2,4-Trimethylbenzene
Concen: 4.743 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion:	105	Resp:	31328
Ion Ratio	Lower	Upper	
105	100		
120	45.0	21.8	65.4





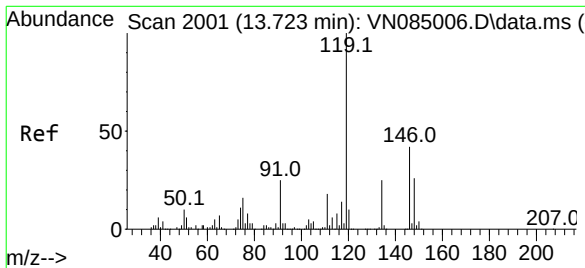
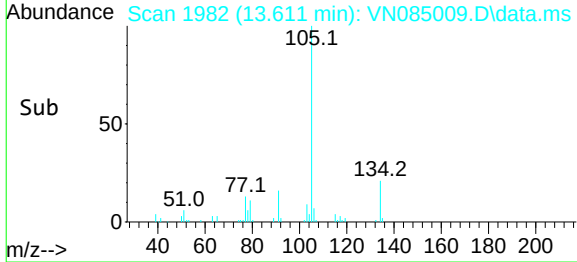
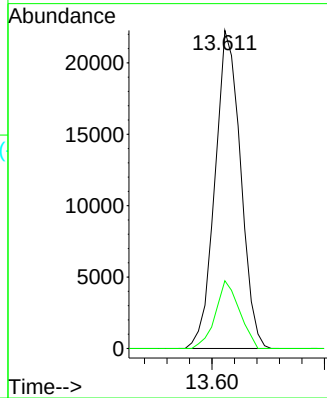
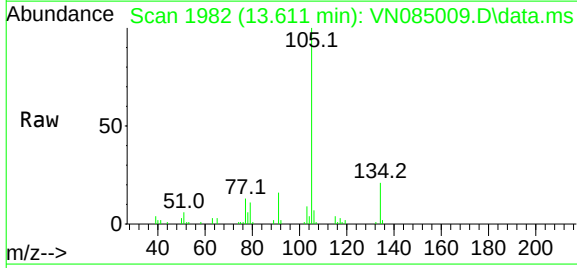
#85
sec-Butylbenzene
Concen: 4.718 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 35183
Ion Ratio Lower Upper
105 100
134 20.0 9.8 29.3

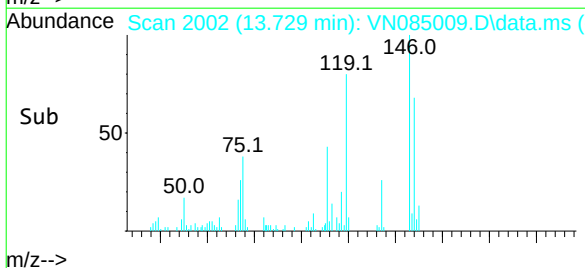
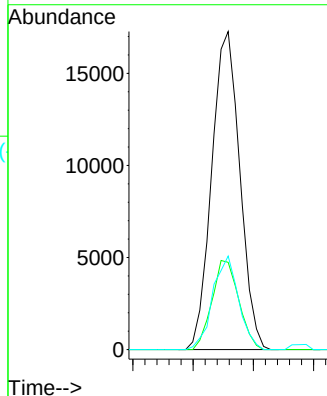
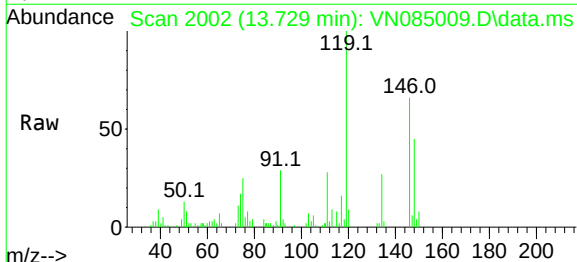
Manual Integrations
APPROVED

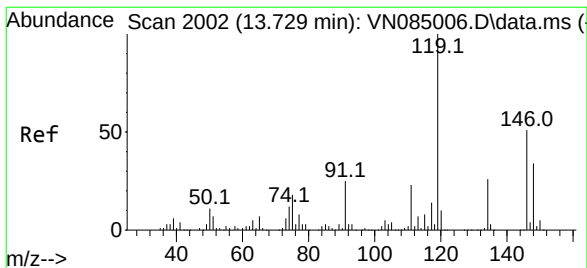
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#86
p-Isopropyltoluene
Concen: 4.551 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

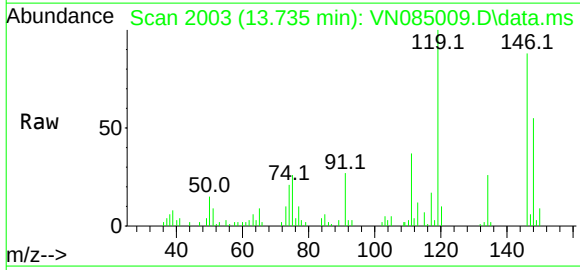
Tgt Ion:119 Resp: 28019
Ion Ratio Lower Upper
119 100
134 26.8 13.0 39.0
91 27.0 12.8 38.4





#87
1,3-Dichlorobenzene
Concen: 5.185 ug/l
RT: 13.735 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

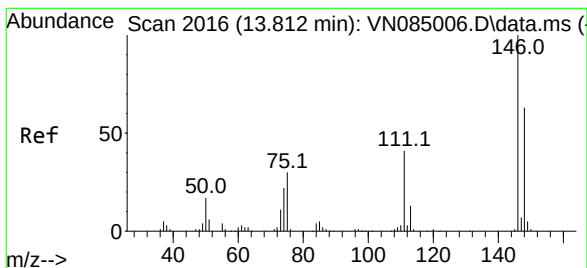
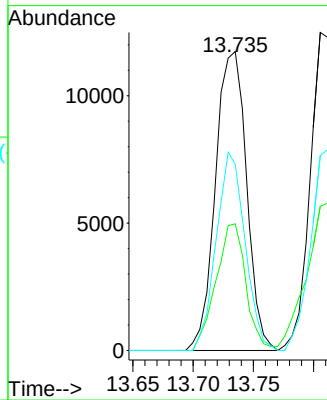
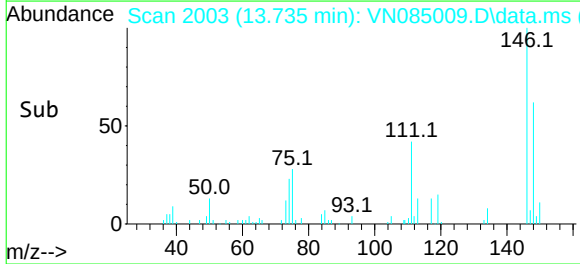
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.6	65.0
148	61.6	32.2	96.6

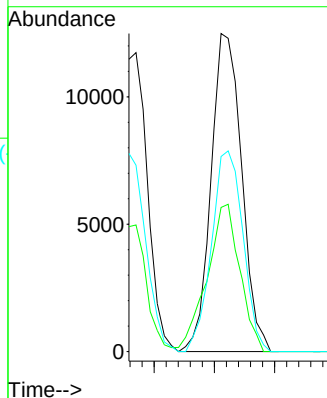
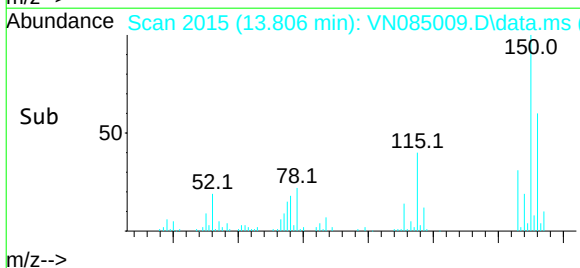
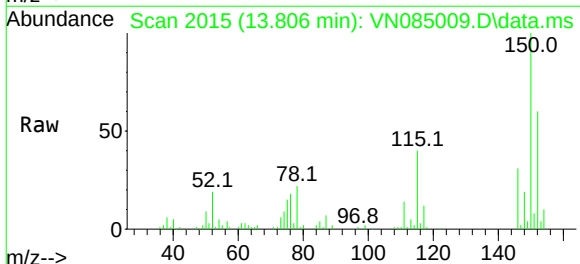
Manual Integrations
APPROVED

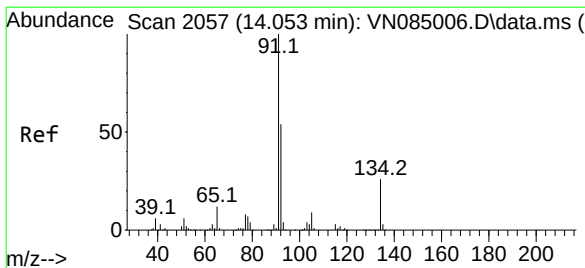
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#88
1,4-Dichlorobenzene
Concen: 5.322 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.8	20.9	62.8
148	65.0	31.3	93.9





#89

n-Butylbenzene

Concen: 4.732 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

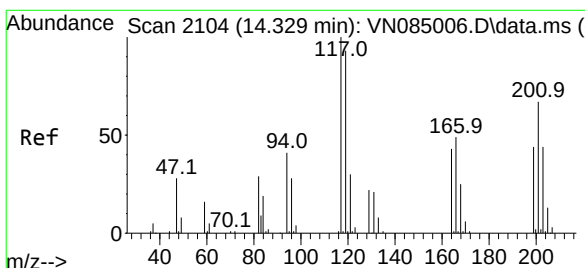
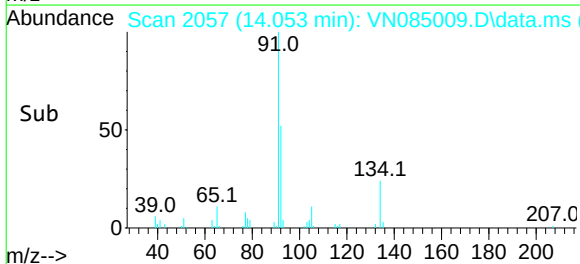
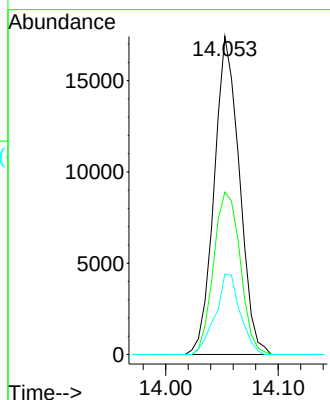
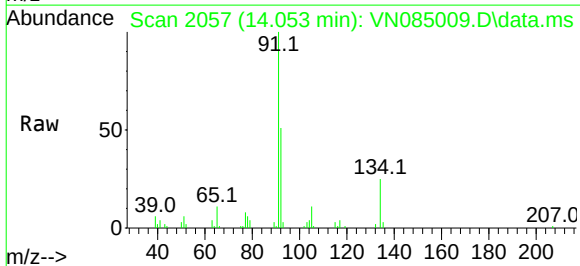
Tgt Ion:	91	Resp:	27093
Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.8	80.3
134	24.9	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#90

Hexachloroethane

Concen: 5.119 ug/l

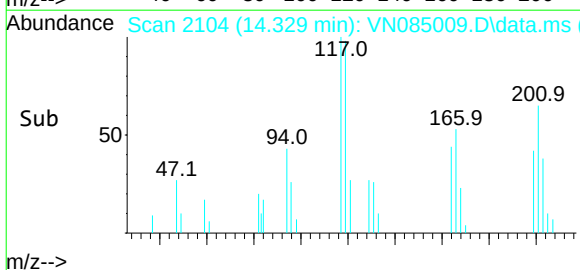
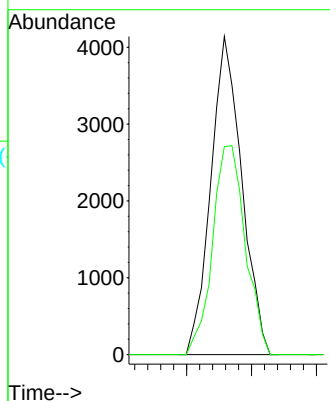
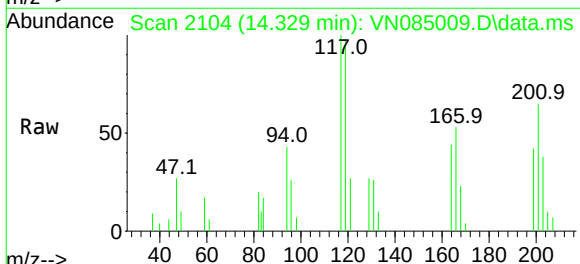
RT: 14.329 min Scan# 2104

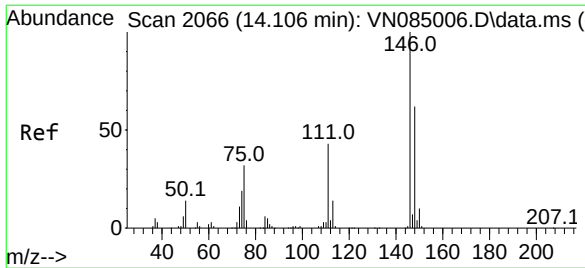
Delta R.T. -0.000 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Tgt Ion:	117	Resp:	6869
Ion	Ratio	Lower	Upper
117	100		
201	69.4	35.2	105.6





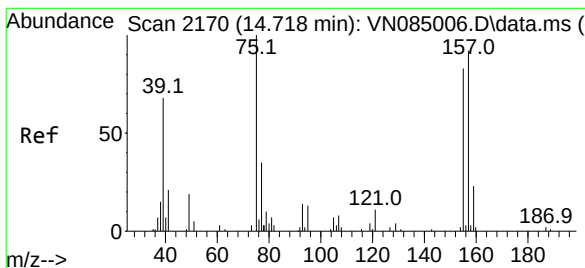
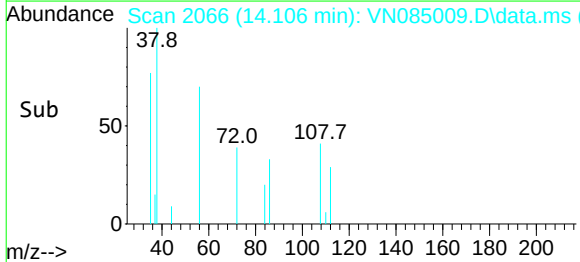
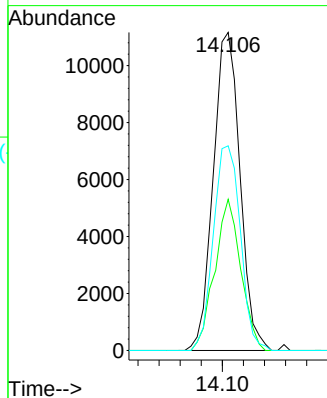
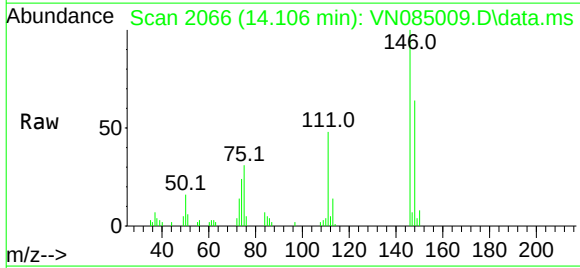
#91
1,2-Dichlorobenzene
Concen: 5.058 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 146 Resp: 19670
Ion Ratio Lower Upper
146 100
111 46.4 21.9 65.8
148 65.1 31.1 93.2

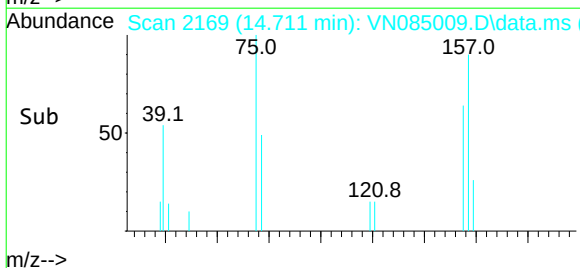
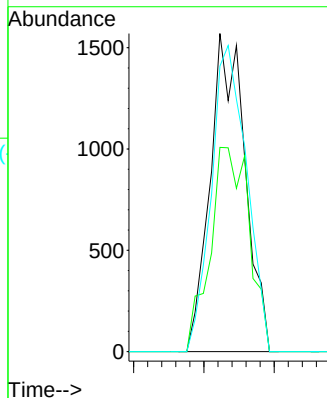
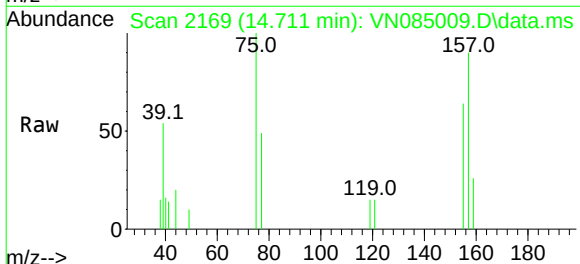
Manual Integrations
APPROVED

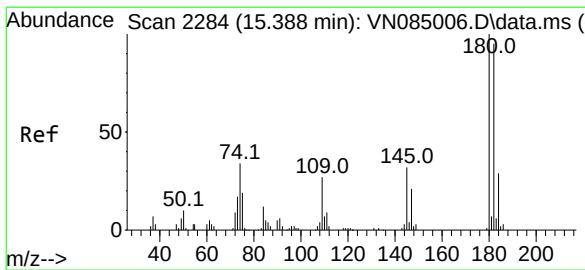
Reviewed By : John Carlone 11/25/2024
Supervised By : Mahesh Dadoda 11/25/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.353 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN085009.D
Acq: 22 Nov 2024 12:57

Tgt Ion: 75 Resp: 2703
Ion Ratio Lower Upper
75 100
155 71.9 38.9 116.7
157 97.4 48.3 144.9





#93

1,2,4-Trichlorobenzene

Concen: 4.992 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Instrument :

MSVOA_N

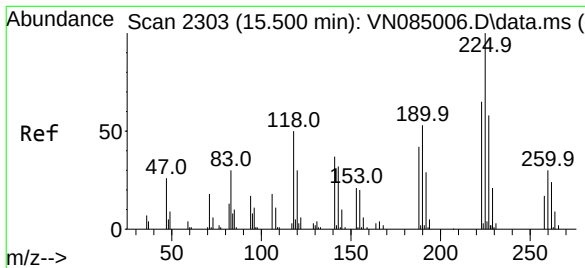
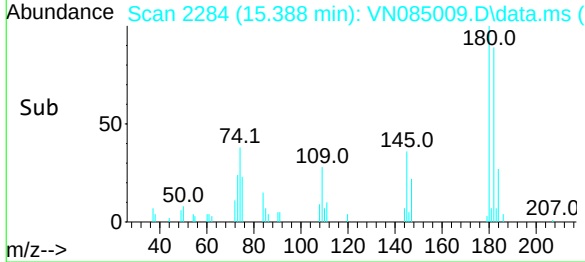
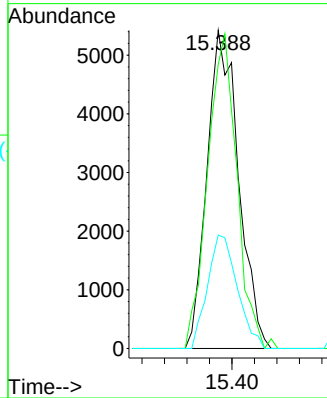
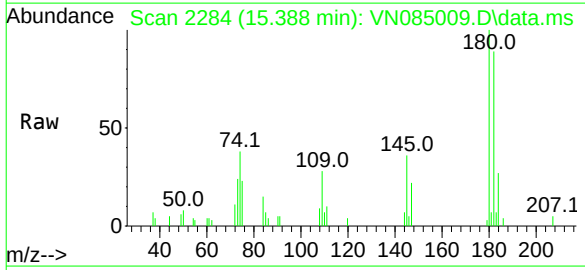
ClientSampleId :

VSTDICC005

Tgt	Ion:180	Resp:	10547
Ion	Ratio	Lower	Upper
180	100		
182	92.0	46.9	140.8
145	33.7	16.3	48.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#94

Hexachlorobutadiene

Concen: 5.272 ug/l

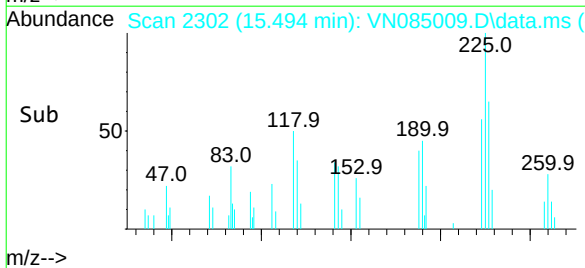
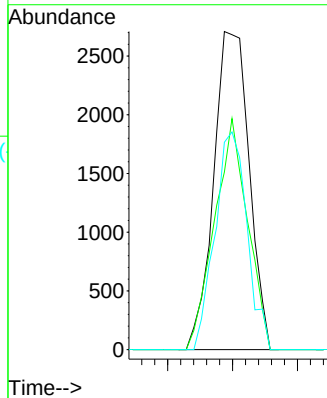
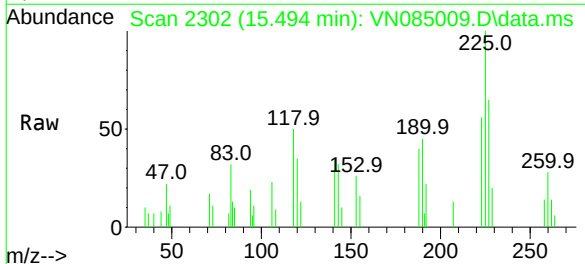
RT: 15.494 min Scan# 2302

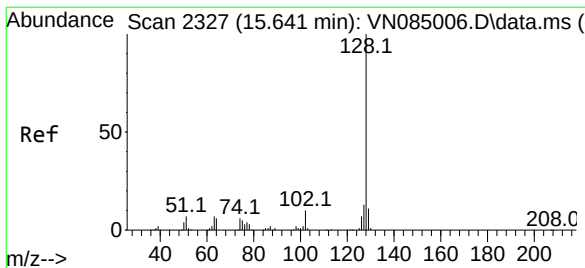
Delta R.T. -0.006 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Tgt	Ion:225	Resp:	5141
Ion	Ratio	Lower	Upper
225	100		
223	67.7	30.9	92.8
227	62.0	31.5	94.5





#95

Naphthalene

Concen: 4.832 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

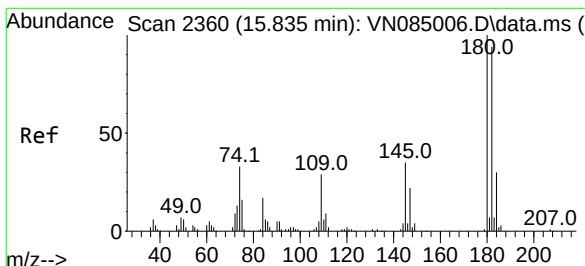
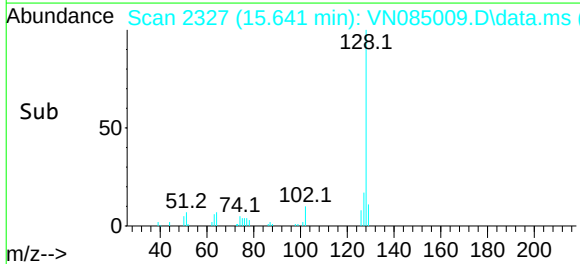
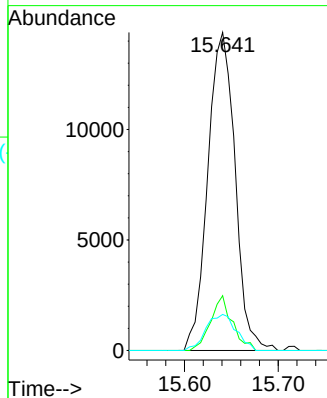
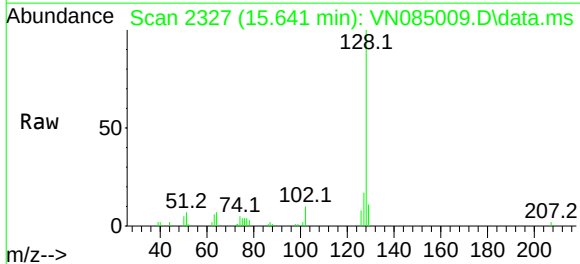
Tgt Ion:	128	Resp:	29077
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	16.0
129	12.6	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.981 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085009.D

Acq: 22 Nov 2024 12:57

Tgt Ion:	180	Resp:	10042
Ion	Ratio	Lower	Upper
180	100		
182	96.9	46.4	139.2
145	40.1	17.3	52.0

