

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084218.D
 Acq On : 30 Sep 2024 14:48
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 01 06:49:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 06:46:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	160573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%	#	
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%	#	
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%	#	
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%	#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	1928	1.015	ug/l	83
3) Chloromethane	2.365	50	2217	1.022	ug/l	99
4) Vinyl Chloride	2.512	62	1981	0.943	ug/l	89
6) Chloroethane	3.124	64	2029	1.349	ug/l	97
7) Trichlorofluoromethane	3.500	101	3140	0.960	ug/l	94
8) Diethyl Ether	3.965	74	1167	0.962	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	1934	1.032	ug/l #	63
12) 1,1-Dichloroethene	4.353	96	1584	0.876	ug/l #	50
14) Allyl chloride	5.018	41	2852m	0.908	ug/l	
15) Acrylonitrile	5.736	53	4920	4.963	ug/l #	81
16) Acetone	4.436	43	4799	4.692	ug/l	90
17) Carbon Disulfide	4.718	76	6680	1.167	ug/l	100
18) Methyl Acetate	5.030	43	2249	1.009	ug/l #	64
19) Methyl tert-butyl Ether	5.806	73	5319	0.872	ug/l #	83
20) Methylene Chloride	5.277	84	2203	1.060	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	1753	0.925	ug/l	86
22) Diisopropyl ether	6.671	45	5639	0.868	ug/l #	96
23) Vinyl Acetate	6.606	43	19212m	3.967	ug/l	
24) 1,1-Dichloroethane	6.571	63	3358	0.925	ug/l #	83
25) 2-Butanone	7.488	43	6488	4.658	ug/l	91
26) 2,2-Dichloropropane	7.494	77	2902	0.886	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	2259	0.987	ug/l	92
28) Bromochloromethane	7.824	49	1718	1.060	ug/l #	87
29) Tetrahydrofuran	7.841	42	4006	4.660	ug/l	92
30) Chloroform	7.971	83	3793	1.005	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	3120	0.921	ug/l #	53
36) 1,1-Dichloropropene	8.365	75	2420	0.871	ug/l	98
37) Ethyl Acetate	7.559	43	2596	0.911	ug/l #	78
38) Carbon Tetrachloride	8.359	117	2795	0.917	ug/l	90
39) Methylcyclohexane	9.600	83	2486	0.804	ug/l #	88
40) Benzene	8.606	78	8245	0.952	ug/l	94
41) Methacrylonitrile	7.782	41	1490	0.963	ug/l #	66
42) 1,2-Dichloroethane	8.671	62	2669	0.909	ug/l	88
43) Isopropyl Acetate	8.688	43	7614m	1.364	ug/l	
44) Trichloroethene	9.347	130	1885	0.932	ug/l	87
45) 1,2-Dichloropropane	9.624	63	1676	0.818	ug/l #	44

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 VSTDICC001

Quant Time: Oct 01 06:49:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 06:46:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.706	93	1144	0.828	ug/l	87
47) Bromodichloromethane	9.894	83	2754	0.897	ug/l #	93
48) Methyl methacrylate	9.676	41	1824	0.821	ug/l	93
49) 1,4-Dioxane	9.694	88	800	19.552	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	11218	4.134	ug/l	97
52) Toluene	10.629	92	4875	0.923	ug/l	91
53) t-1,3-Dichloropropene	10.829	75	2493	0.797	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	2720	0.808	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	1669	0.882	ug/l	90
56) Ethyl methacrylate	10.876	69	2402	0.771	ug/l #	77
57) 1,3-Dichloropropane	11.159	76	3092	0.914	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	6179	4.278	ug/l	98
59) 2-Hexanone	11.194	43	8282	4.084	ug/l	96
60) Dibromochloromethane	11.353	129	1916	0.857	ug/l	91
61) 1,2-Dibromoethane	11.465	107	1795	0.913	ug/l	99
64) Tetrachloroethene	11.106	164	1690	0.993	ug/l #	87
65) Chlorobenzene	11.888	112	5025	0.927	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	11.959	131	1632	0.874	ug/l #	66
67) Ethyl Benzene	11.965	91	8582	0.896	ug/l #	88
68) m/p-Xylenes	12.070	106	5869	1.656	ug/l	95
69) o-Xylene	12.400	106	2398	0.715	ug/l	83
70) Styrene	12.412	104	4489	0.790	ug/l	94
71) Bromoform	12.576	173	1168	0.850	ug/l #	94
73) Isopropylbenzene	12.688	105	6991	0.899	ug/l	97
74) N-amyl acetate	12.494	43	3228	0.916	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	2233	0.954	ug/l #	95
76) 1,2,3-Trichloropropane	12.994	75	1826m	0.899	ug/l	
77) Bromobenzene	12.976	156	1818	0.969	ug/l	98
78) n-propylbenzene	13.035	91	7045	0.781	ug/l	95
79) 2-Chlorotoluene	13.129	91	5383	0.936	ug/l	92
80) 1,3,5-Trimethylbenzene	13.170	105	4830	0.761	ug/l	95
82) 4-Chlorotoluene	13.223	91	5174	0.893	ug/l	100
83) tert-Butylbenzene	13.435	119	4909	0.870	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	4760	0.744	ug/l	100
85) sec-Butylbenzene	13.612	105	5795	0.770	ug/l	99
86) p-Isopropyltoluene	13.723	119	4495	0.722	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	3424	0.972	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	3648m	1.026	ug/l	
89) n-Butylbenzene	14.053	91	4866	0.862	ug/l	97
90) Hexachloroethane	14.335	117	1151	0.911	ug/l	82
91) 1,2-Dichlorobenzene	14.100	146	3610	1.046	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.711	75	423	0.876	ug/l	65
93) 1,2,4-Trichlorobenzene	15.400	180	1340	0.788	ug/l	89
94) Hexachlorobutadiene	15.494	225	861	1.015	ug/l	90
95) Naphthalene	15.641	128	5031	0.892	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	1531	0.899	ug/l	95

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

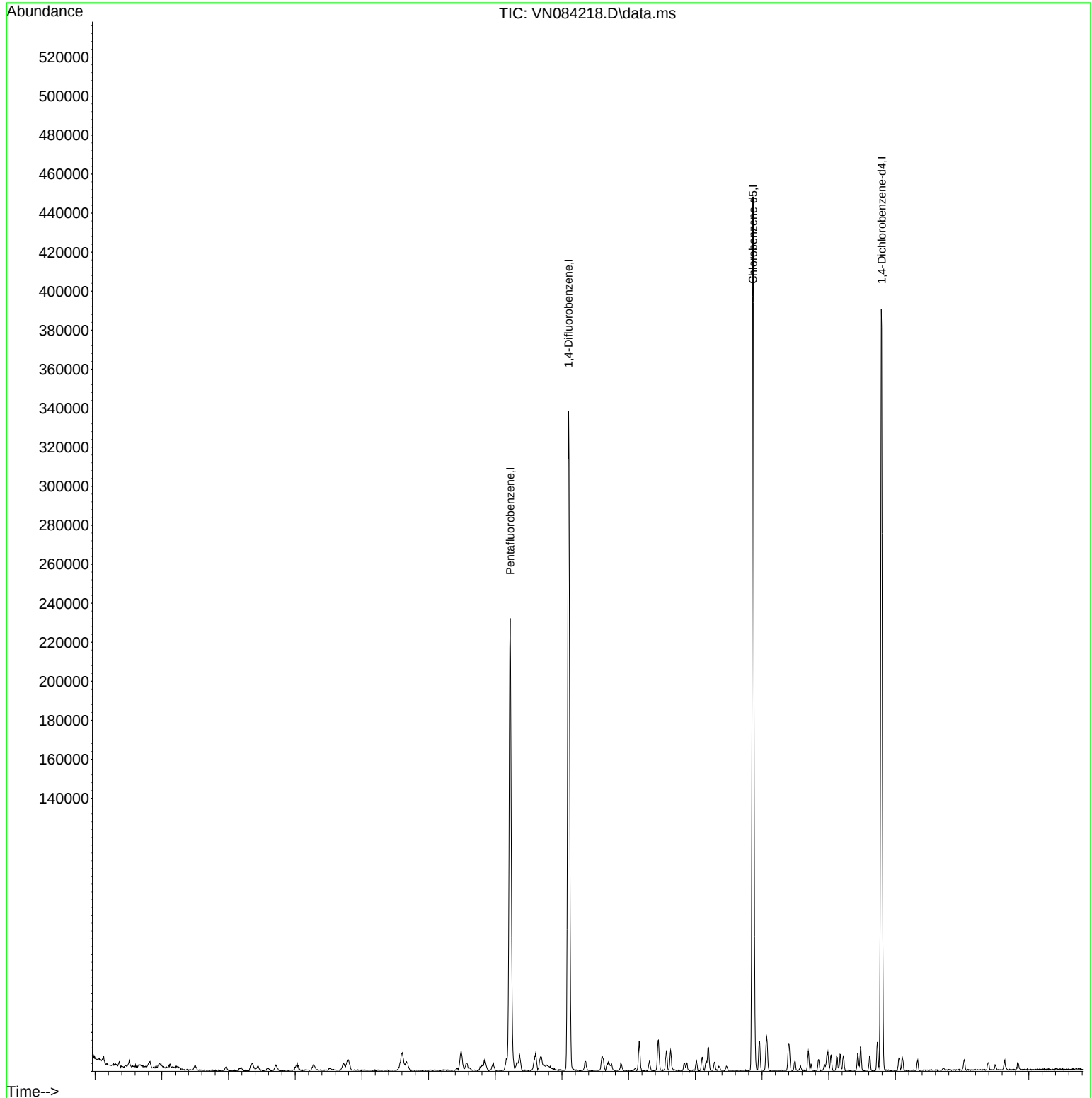
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
Data File : VN084218.D
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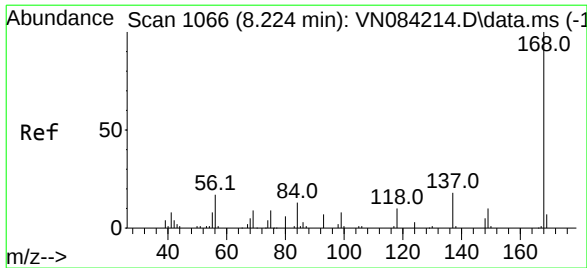
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By : John Carlone 10/01/2024
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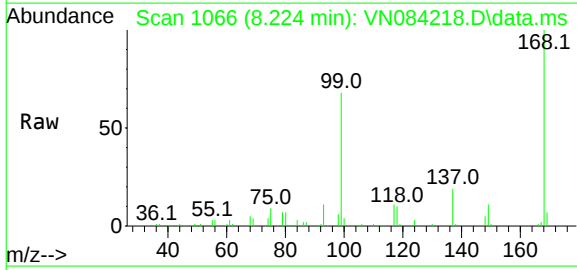
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 06:46:32 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

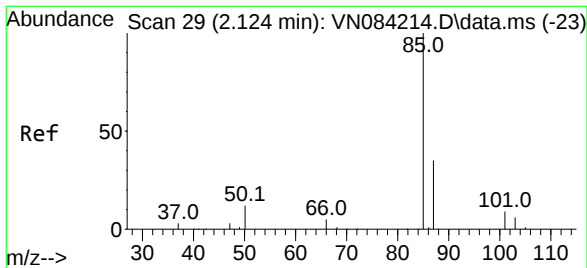
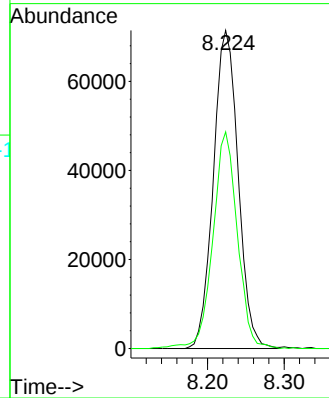
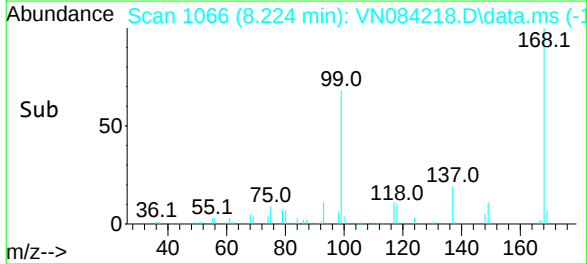
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 160573
Ion Ratio Lower Upper
168 100
99 68.1 54.2 81.2

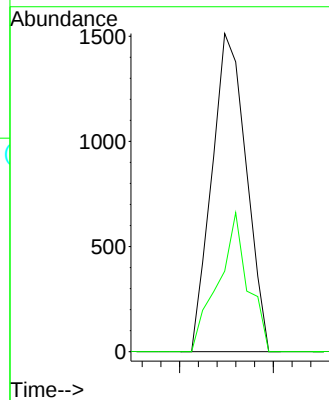
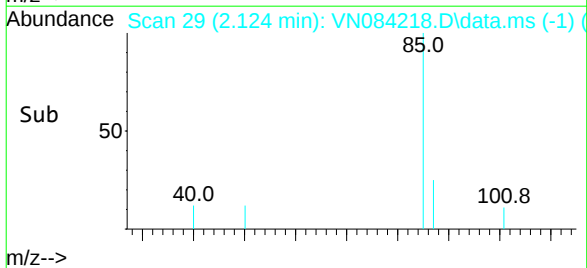
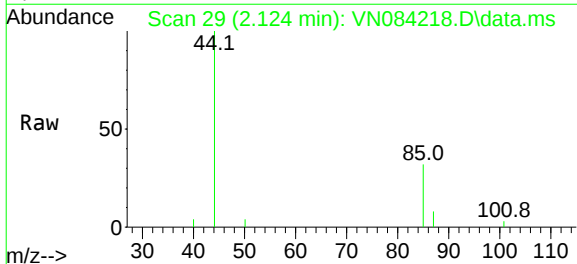
Manual Integrations
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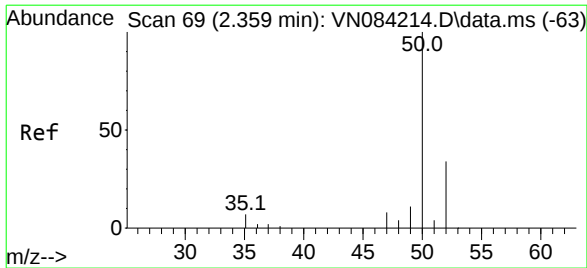
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#2
Dichlorodifluoromethane
Concen: 1.015 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

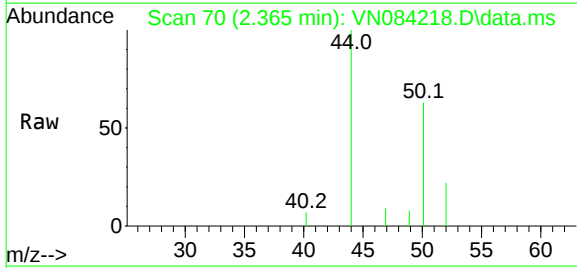
Tgt Ion: 85 Resp: 1928
Ion Ratio Lower Upper
85 100
87 25.3 17.6 52.9





#3
Chloromethane
Concen: 1.022 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

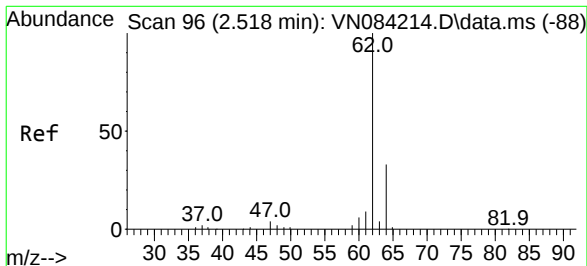
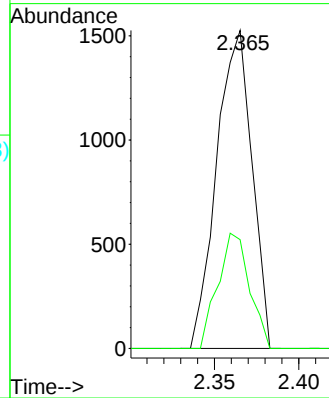
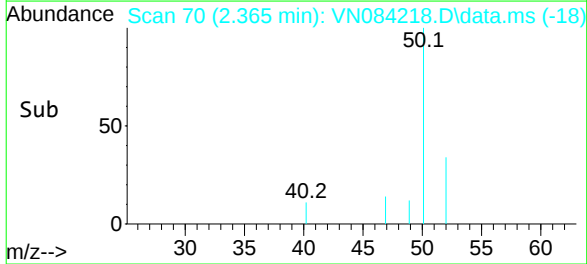
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 2217
Ion Ratio Lower Upper
50 100
52 34.2 26.8 40.2

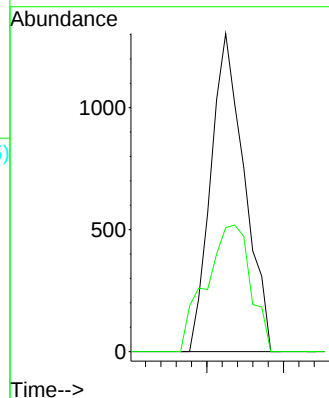
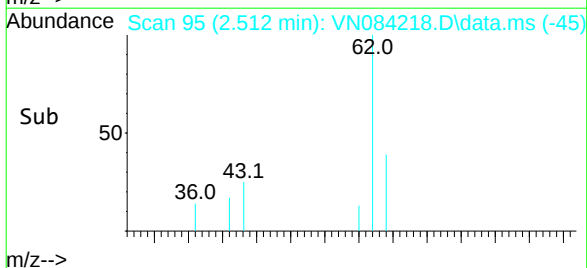
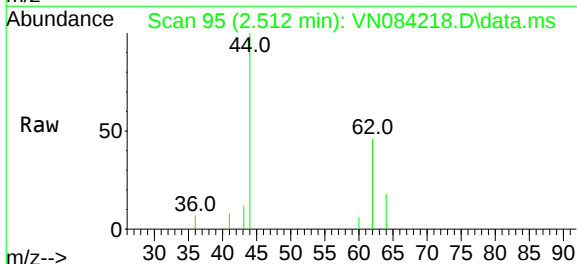
Manual Integrations
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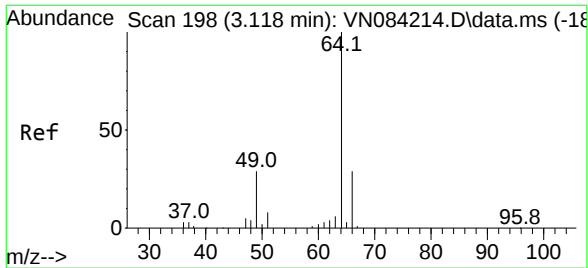
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#4
Vinyl Chloride
Concen: 0.943 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

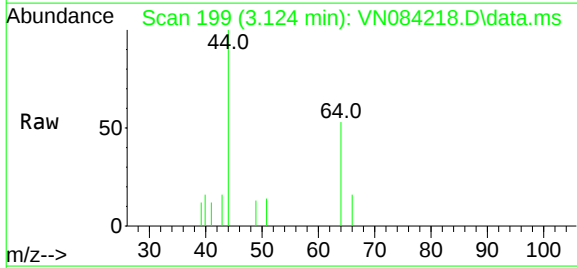
Tgt Ion: 62 Resp: 1981
Ion Ratio Lower Upper
62 100
64 39.0 26.2 39.4





#6
Chloroethane
Concen: 1.349 ug/l
RT: 3.124 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

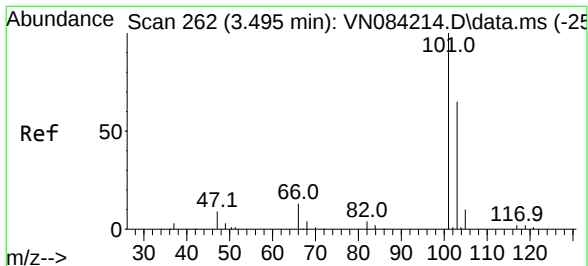
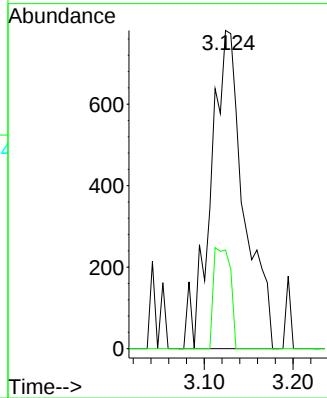
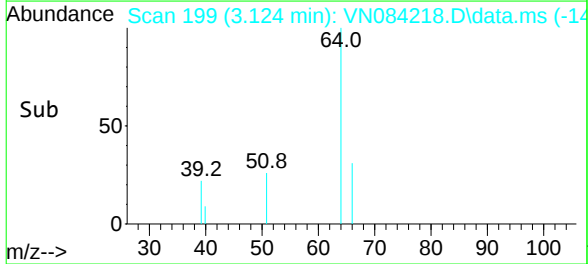
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 64 Resp: 2029
Ion Ratio Lower Upper
64 100
66 31.0 23.5 35.3

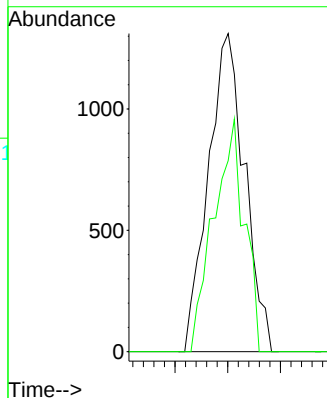
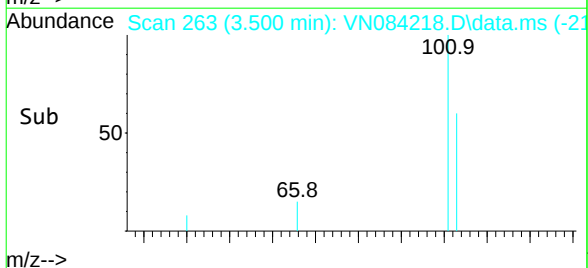
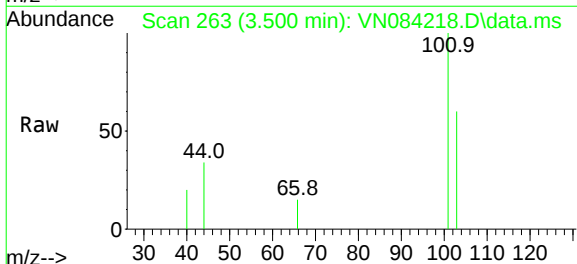
Manual Integrations
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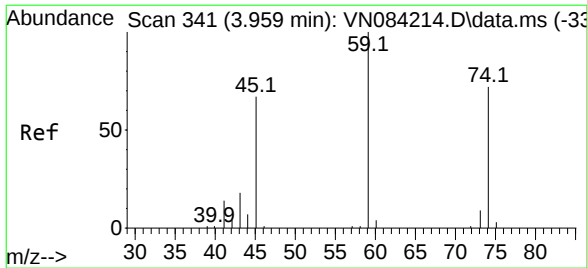
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#7
Trichlorofluoromethane
Concen: 0.960 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

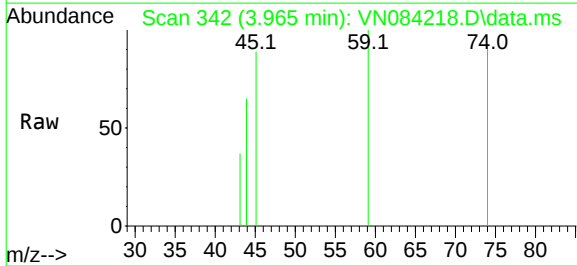
Tgt Ion:101 Resp: 3140
Ion Ratio Lower Upper
101 100
103 60.0 51.8 77.6





#8
Diethyl Ether
Concen: 0.962 ug/l
RT: 3.965 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

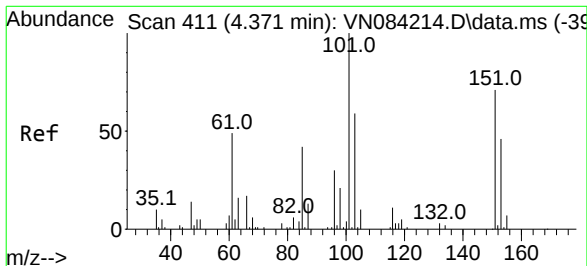
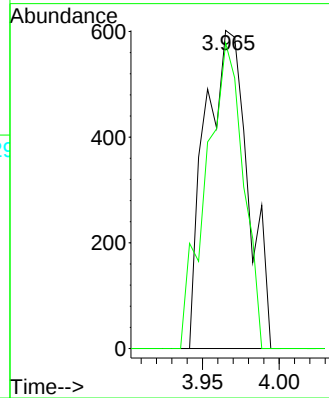
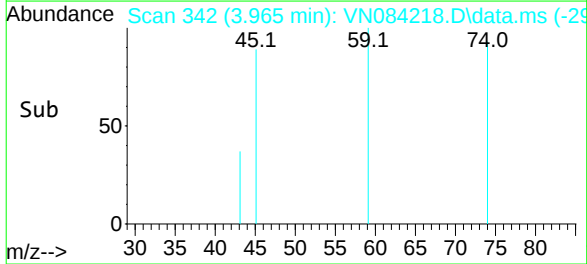
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 74 Resp: 1167
Ion Ratio Lower Upper
74 100
45 83.9 47.7 143.1

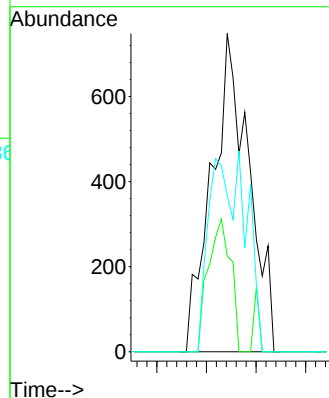
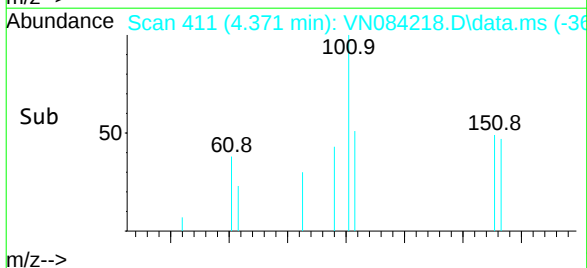
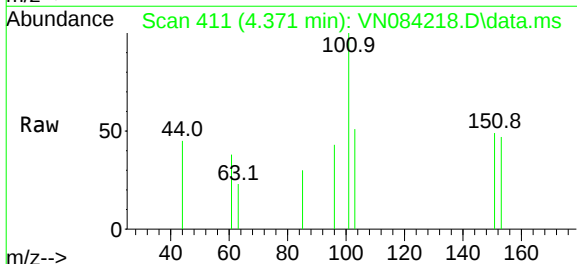
Manual Integrations
APPROVED

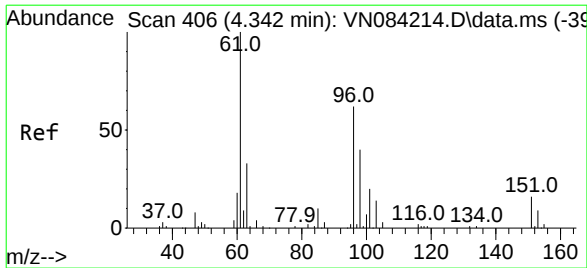
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.032 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

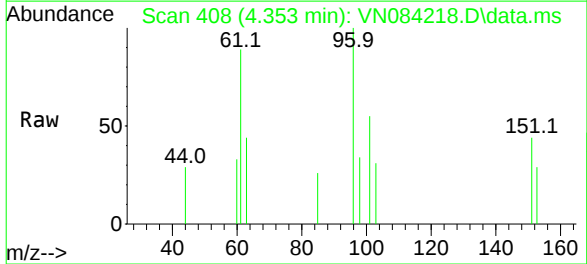
Tgt Ion:101 Resp: 1934
Ion Ratio Lower Upper
101 100
85 25.4 36.2 54.4#
151 38.8 59.3 88.9#





#12
1,1-Dichloroethene
Concen: 0.876 ug/l
RT: 4.353 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

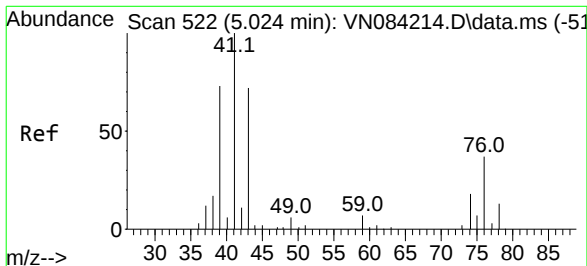
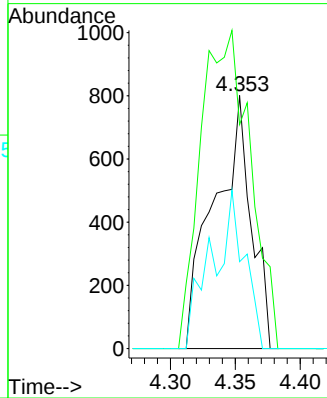
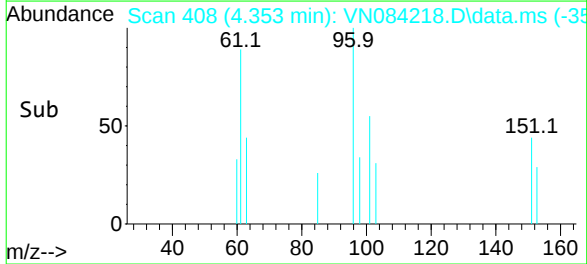
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



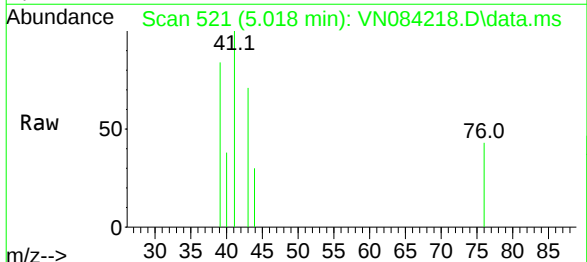
Tgt Ion: 96 Resp: 1584
Ion Ratio Lower Upper
96 100
61 88.5 128.6 192.8#
98 34.3 51.7 77.5#

Manual Integrations
APPROVED

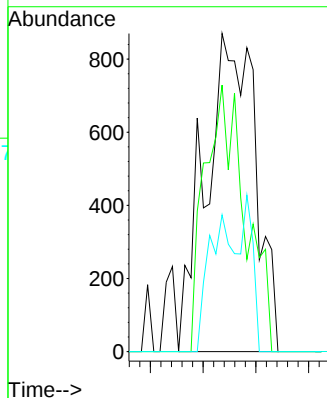
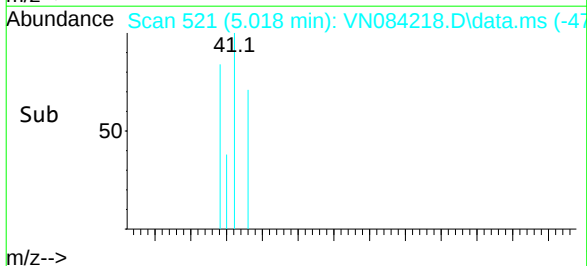
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

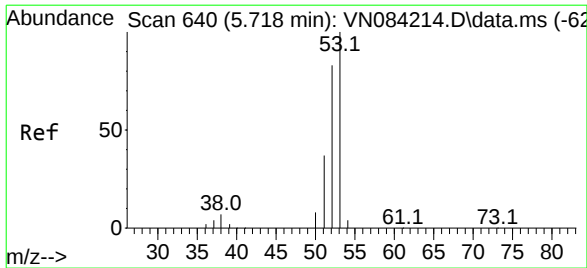


#14
Allyl chloride
Concen: 0.908 ug/l m
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48



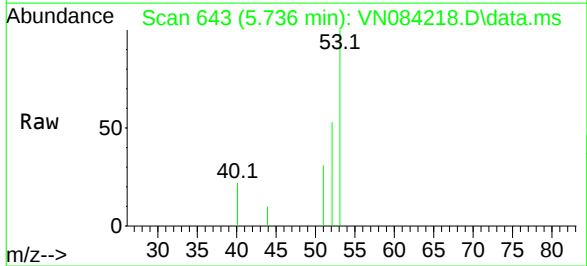
Tgt Ion: 41 Resp: 2852
Ion Ratio Lower Upper
41 100
39 68.0 59.0 88.6
76 24.5 29.8 44.6#





#15
Acrylonitrile
Concen: 4.963 ug/l
RT: 5.736 min Scan# 640
Delta R.T. 0.018 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

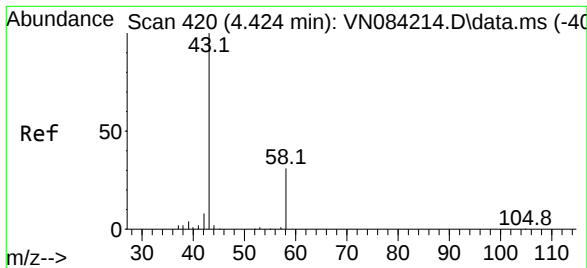
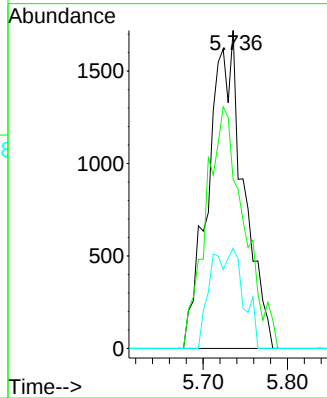
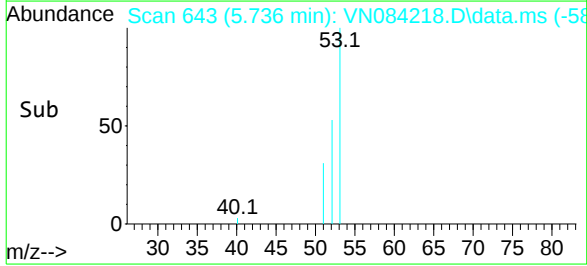
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



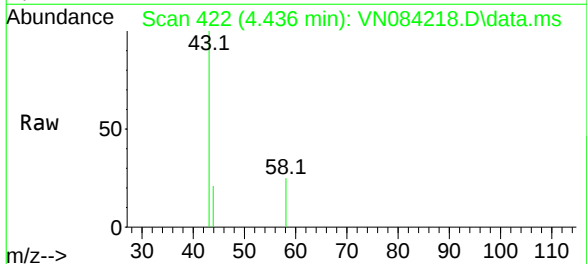
Tgt Ion: 53 Resp: 4920
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.4
51 0.0 28.8 43.2#

Manual Integrations
APPROVED

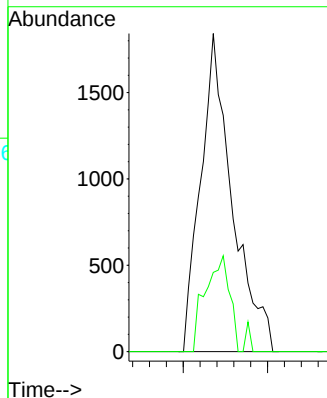
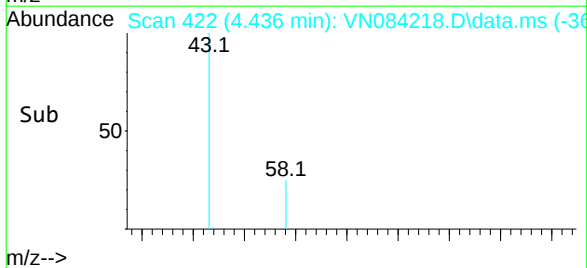
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

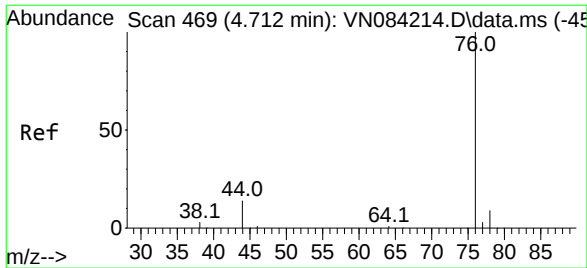


#16
Acetone
Concen: 4.692 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48



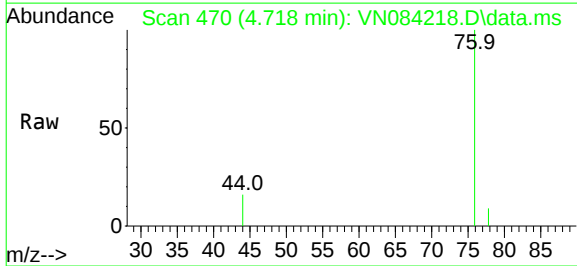
Tgt Ion: 43 Resp: 4799
Ion Ratio Lower Upper
43 100
58 24.9 24.4 36.6





#17
Carbon Disulfide
Concen: 1.167 ug/l
RT: 4.718 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

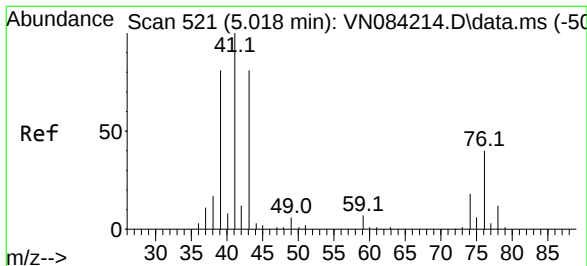
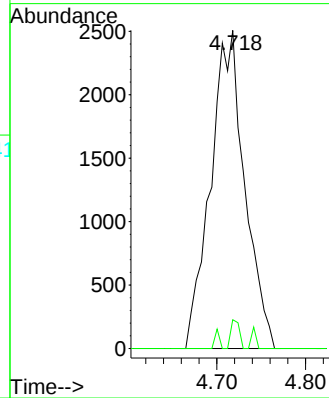
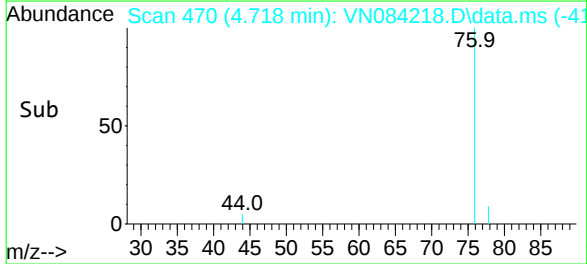
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 76 Resp: 6680
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

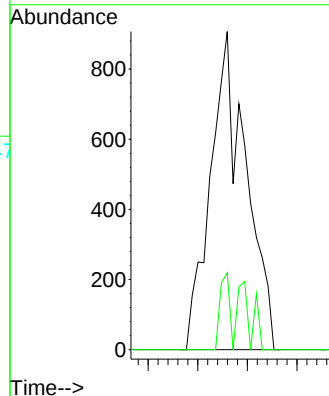
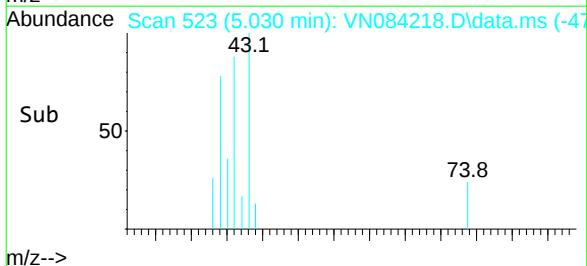
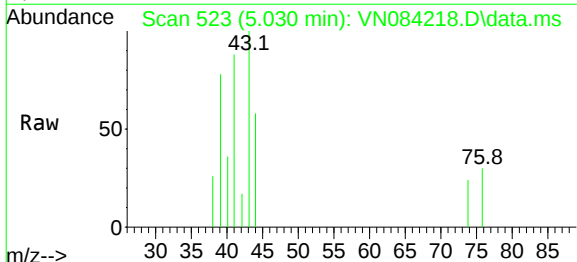
Manual Integrations
APPROVED

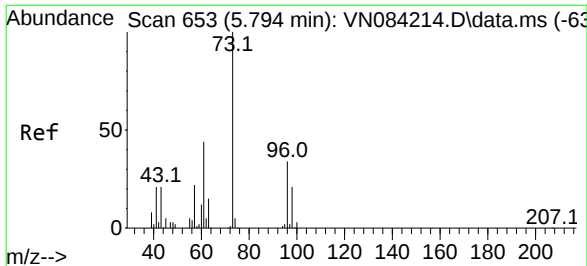
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#18
Methyl Acetate
Concen: 1.009 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Tgt Ion: 43 Resp: 2249
Ion Ratio Lower Upper
43 100
74 6.4 19.2 28.8#





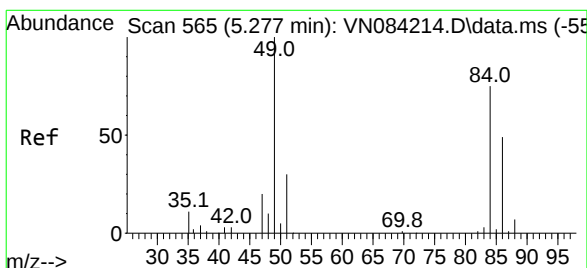
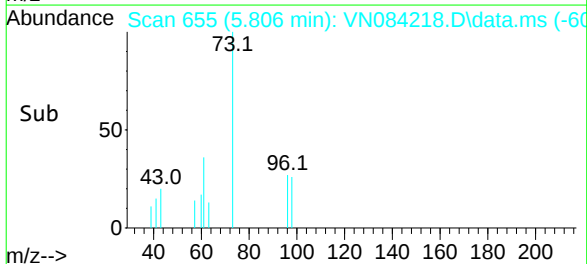
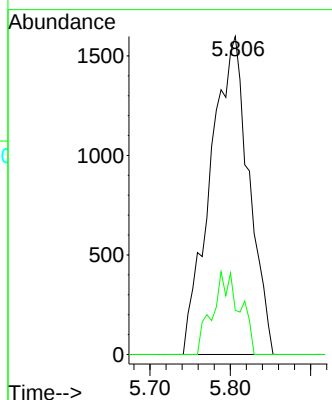
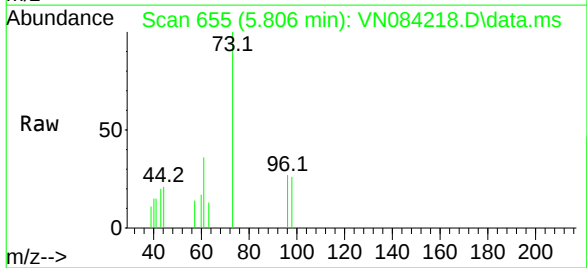
#19
Methyl tert-butyl Ether
Concen: 0.872 ug/l
RT: 5.806 min Scan# 653
Delta R.T. 0.012 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 5319
Ion Ratio Lower Upper
73 100
57 13.9 17.7 26.5#

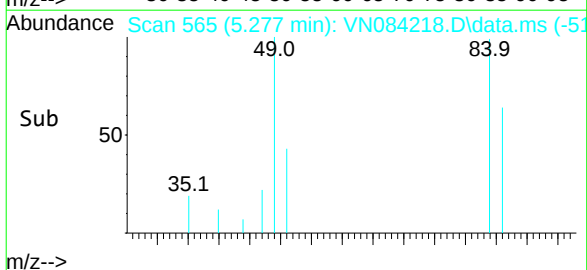
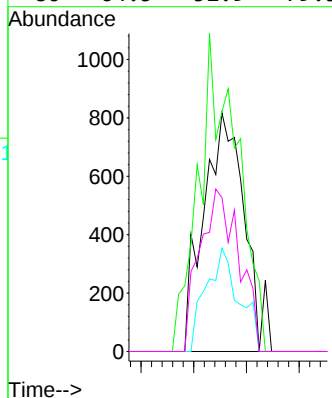
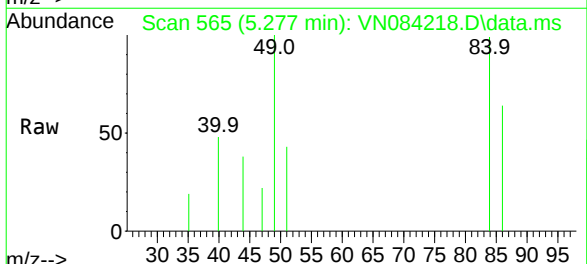
Manual Integrations
APPROVED

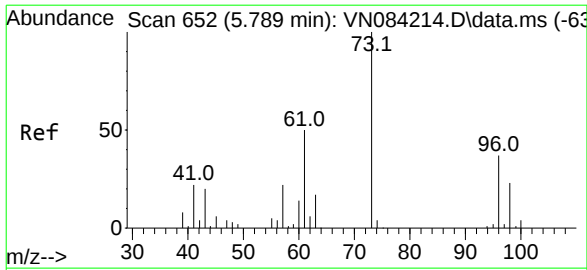
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#20
Methylene Chloride
Concen: 1.060 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Tgt Ion: 84 Resp: 2203
Ion Ratio Lower Upper
84 100
49 100.6 107.2 160.8#
51 43.3 31.8 47.8
86 64.5 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 0.925 ug/l

RT: 5.783 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 96 Resp: 1753

Ion Ratio Lower Upper

96 100

61 115.2 108.4 162.6

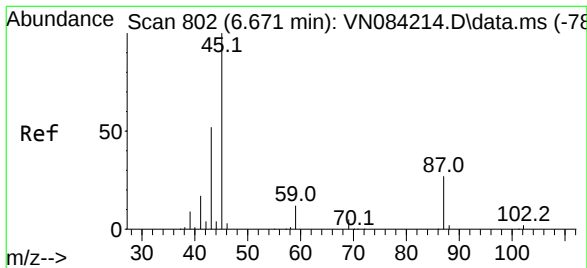
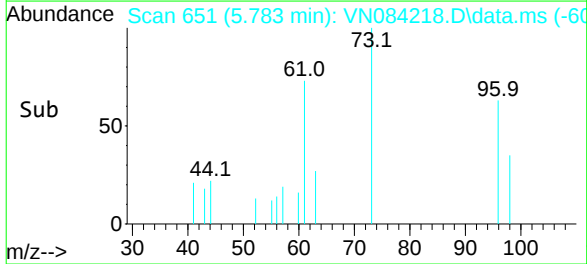
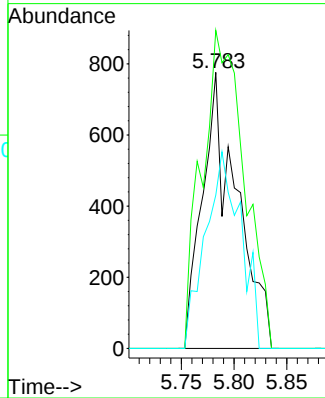
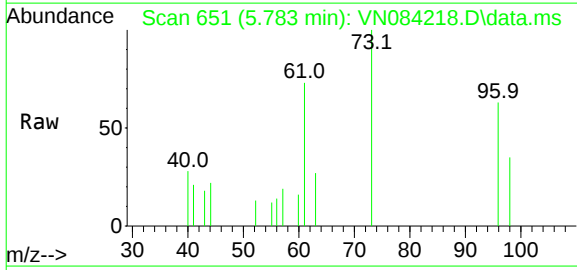
98 55.5 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#22

Diisopropyl ether

Concen: 0.868 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

Tgt Ion: 45 Resp: 5639

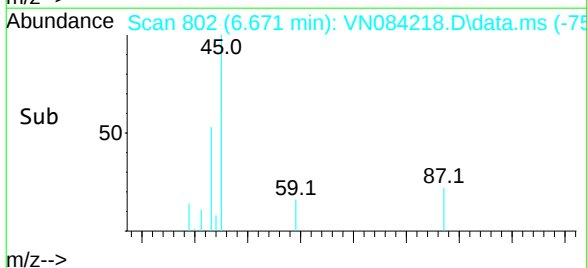
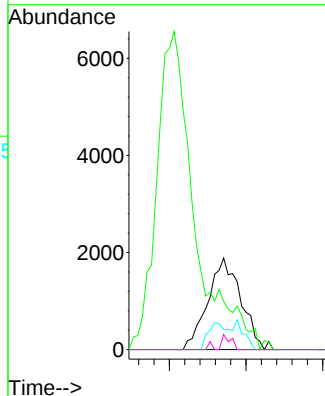
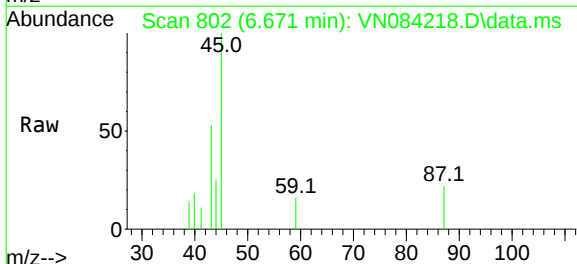
Ion Ratio Lower Upper

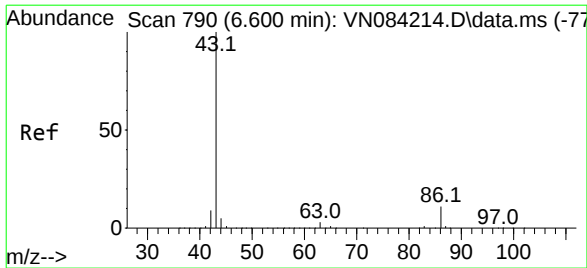
45 100

43 52.8 42.3 63.5

87 22.2 21.8 32.6

59 16.4 9.6 14.4#





#23

Vinyl Acetate

Concen: 3.967 ug/l m

RT: 6.606 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 43 Resp: 19212

Ion Ratio Lower Upper

43 100

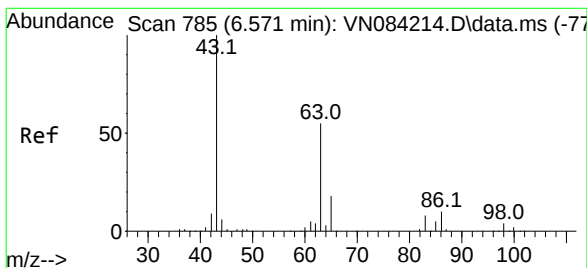
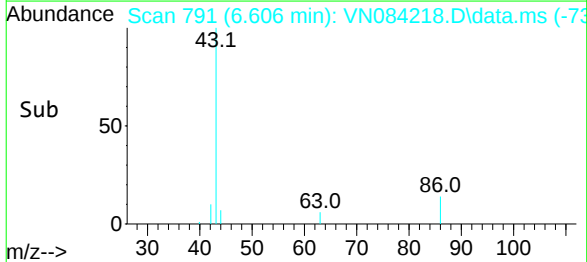
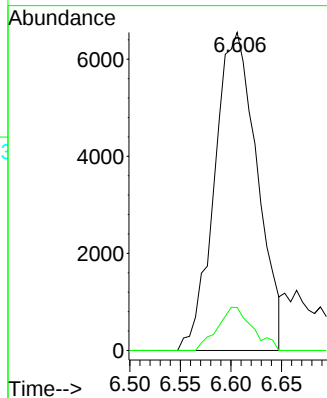
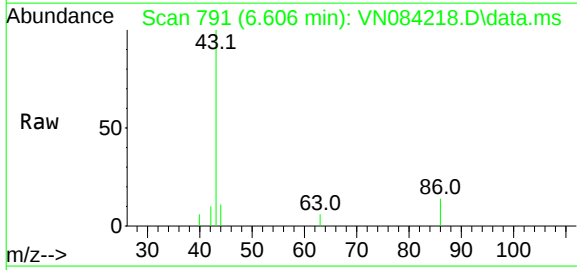
86 13.5 8.6 12.8#

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#24

1,1-Dichloroethane

Concen: 0.925 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.000 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

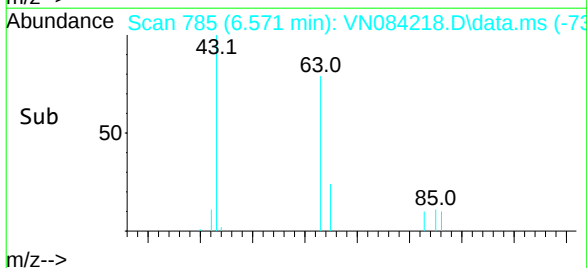
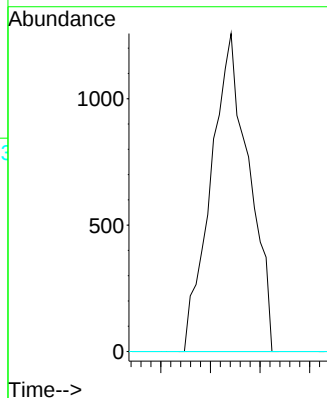
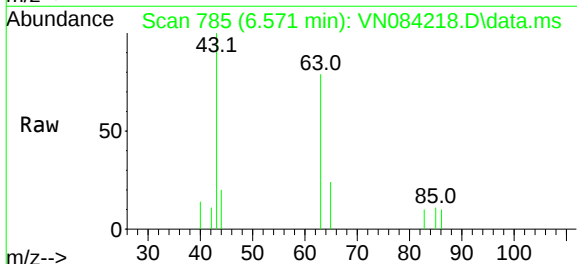
Tgt Ion: 63 Resp: 3358

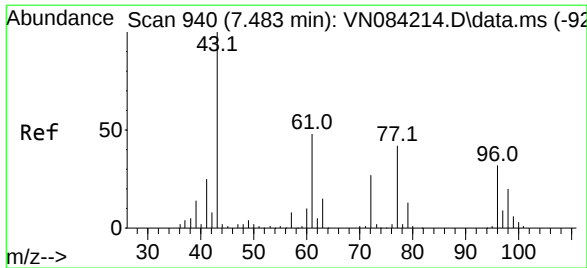
Ion Ratio Lower Upper

63 100

98 0.0 3.4 10.2#

100 0.0 2.0 5.8#





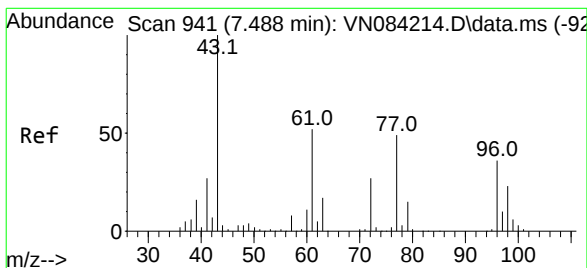
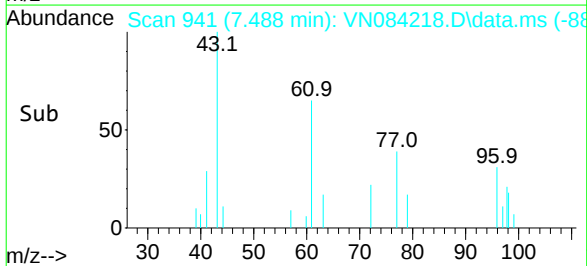
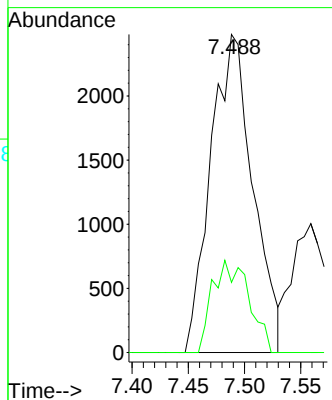
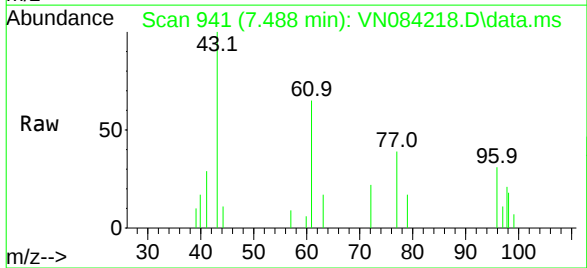
#25
2-Butanone
Concen: 4.658 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 6488
Ion Ratio Lower Upper
43 100
72 22.1 21.4 32.2

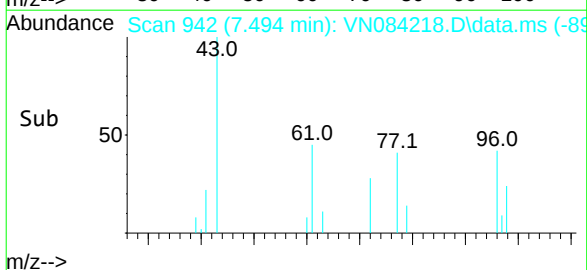
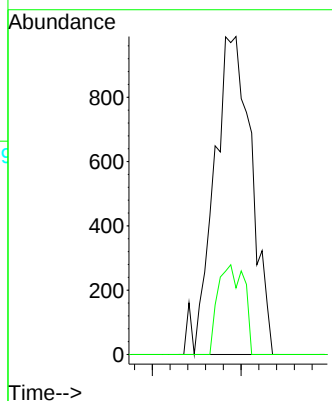
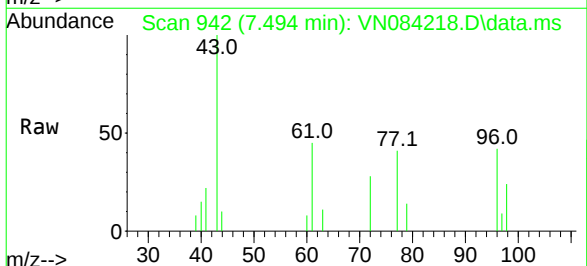
Manual Integrations
APPROVED

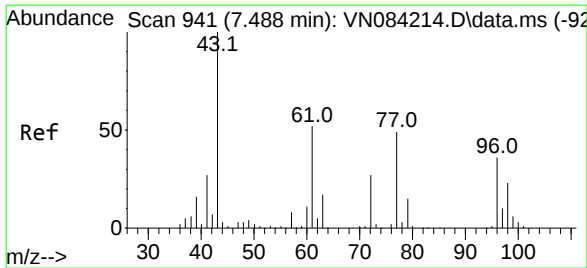
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#26
2,2-Dichloropropane
Concen: 0.886 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Tgt Ion: 77 Resp: 2902
Ion Ratio Lower Upper
77 100
97 19.7 10.8 32.3





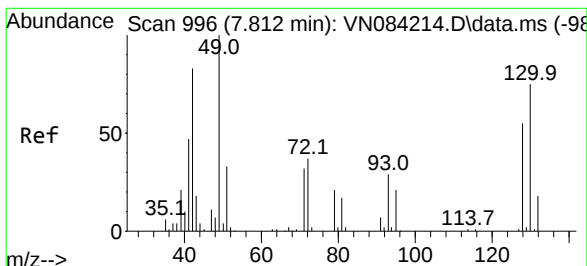
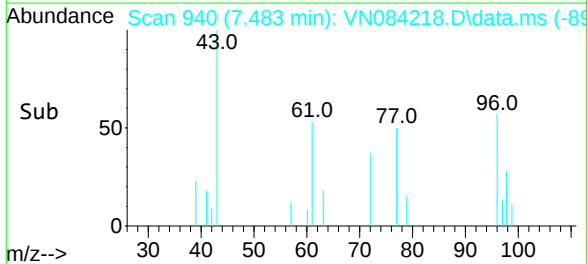
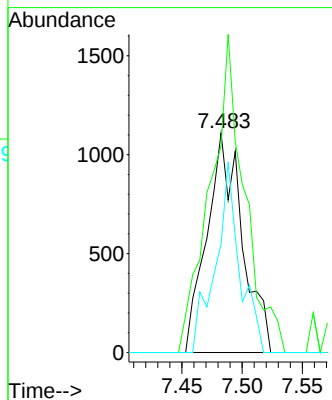
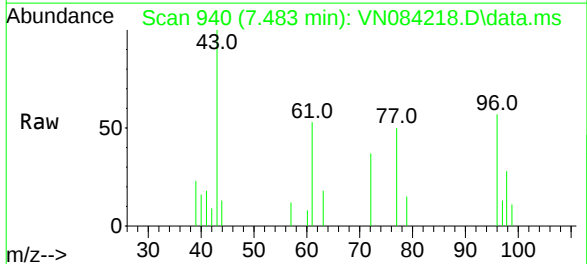
#27
 cis-1,2-Dichloroethene
 Concen: 0.987 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN084218.D
 Acq: 30 Sep 2024 14:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96	Resp: 2259
Ion Ratio	Lower Upper
96 100	
61 140.3	0.0 301.8
98 59.5	0.0 128.2

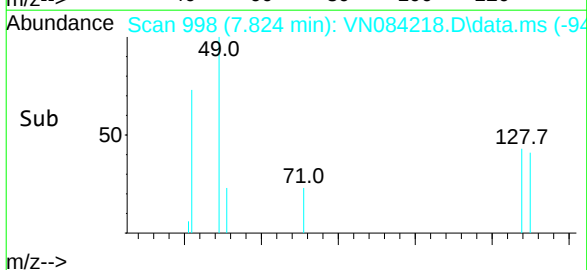
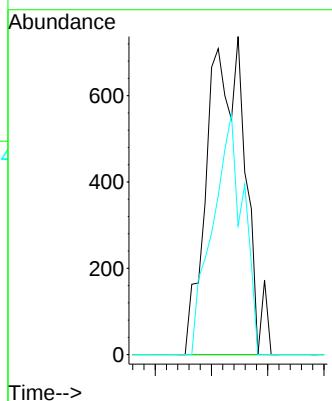
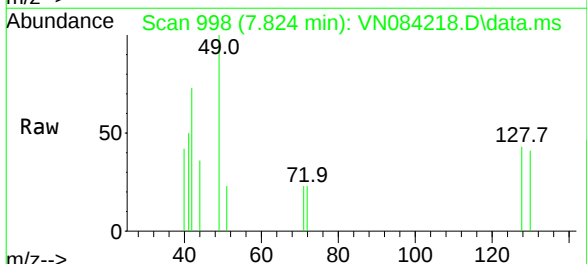
Manual Integrations
 APPROVED

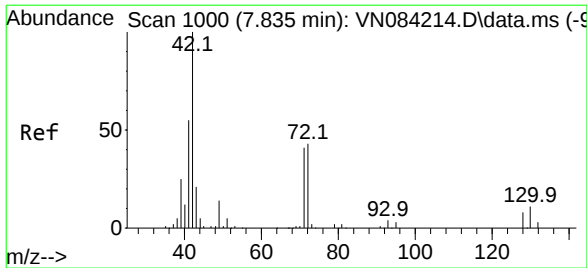
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#28
 Bromochloromethane
 Concen: 1.060 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.012 min
 Lab File: VN084218.D
 Acq: 30 Sep 2024 14:48

Tgt Ion: 49	Resp: 1718
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.6
130 61.3	58.0 87.0





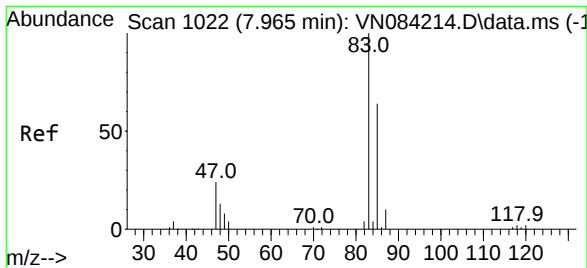
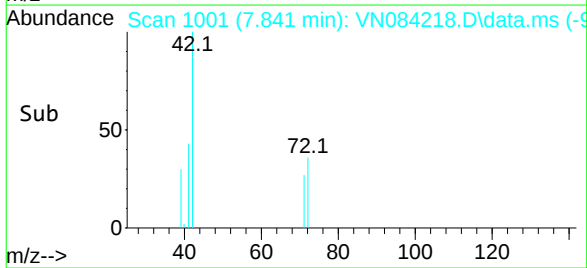
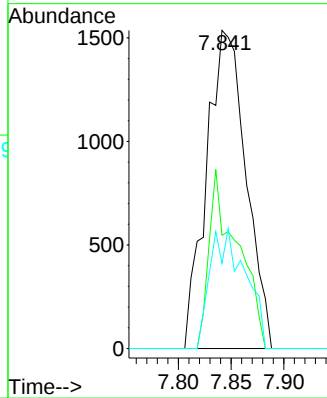
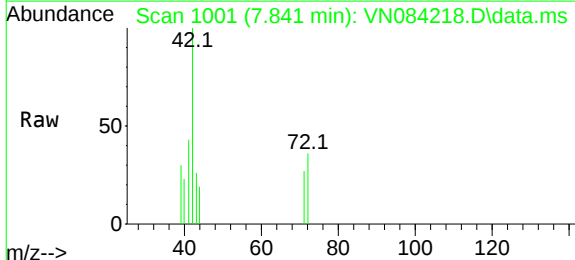
#29
Tetrahydrofuran
Concen: 4.660 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:	42	Resp:	4006
Ion	Ratio	Lower	Upper
42	100		
72	40.5	34.6	51.8
71	33.4	32.2	48.4

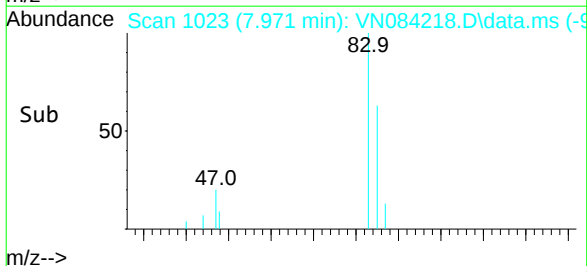
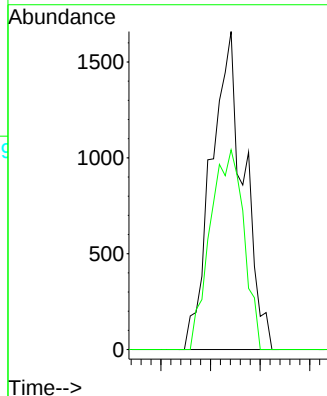
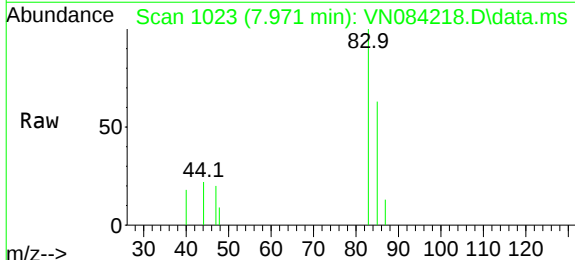
Manual Integrations
APPROVED

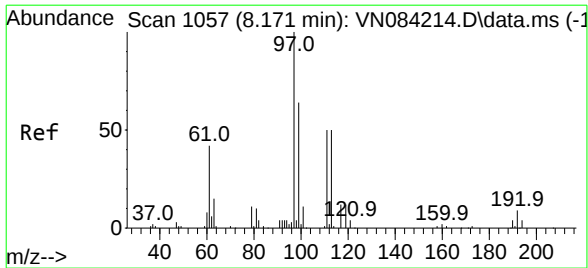
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#30
Chloroform
Concen: 1.005 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

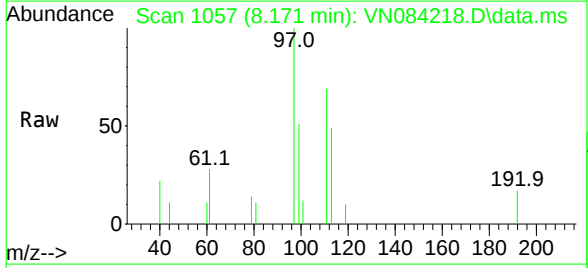
Tgt Ion:	83	Resp:	3793
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.0	76.4





1,1,1-Trichloroethane
 Concen: 0.921 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VN084218.D
 Acq: 30 Sep 2024 14:48

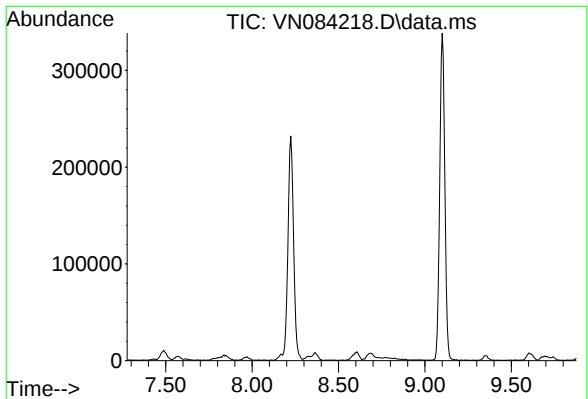
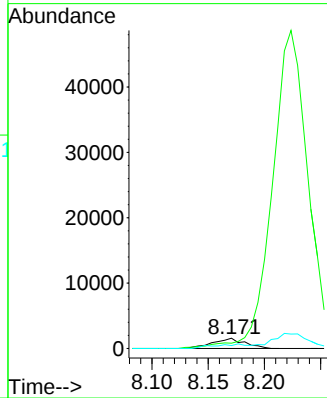
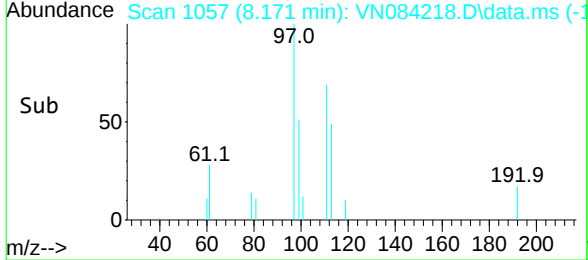
Instrument : MSVOA_N
 ClientSampleId : VSTDICC001



Tgt Ion: 97	Resp: 3120
Ion Ratio	Lower Upper
97	100
99	0.0 51.2 76.8
61	46.5 37.5 56.3

Manual Integrations
 APPROVED

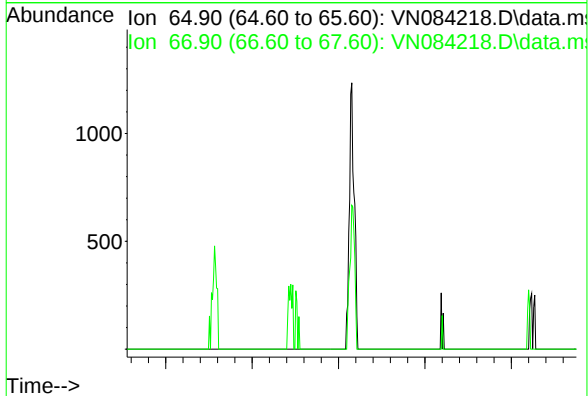
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



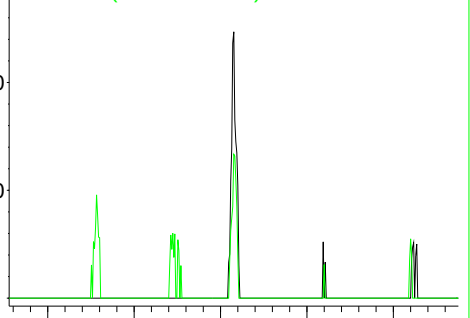
#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.58 min

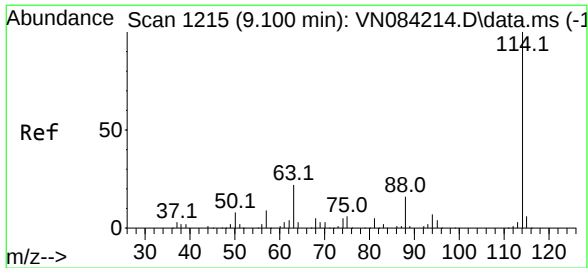
Lab File: VN084218.D
 Acq: 30 Sep 2024 14:48

Tgt Ion: 65
Sig Exp Ratio
65 100
67 51.0



Ion 66.90 (66.60 to 67.60): VN084218.D\data.ms

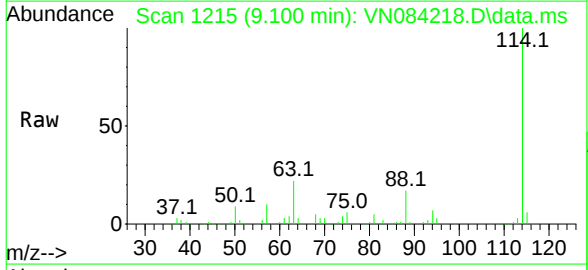




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084218.D
 Acq: 30 Sep 2024 14:48

Instrument :

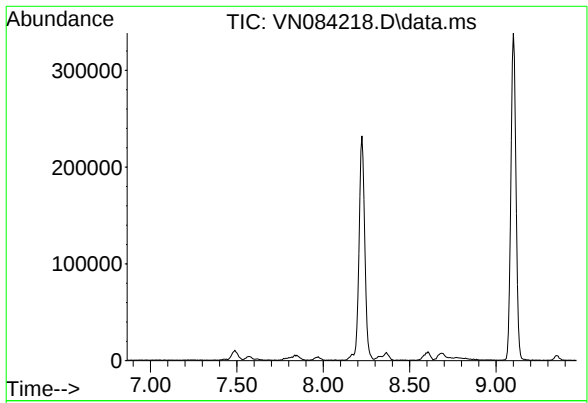
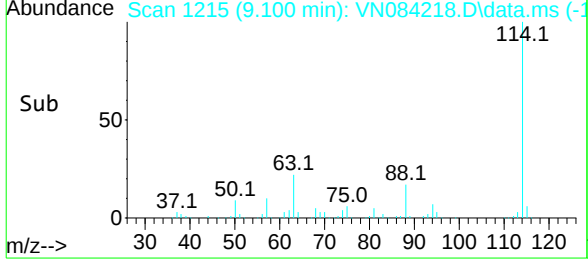
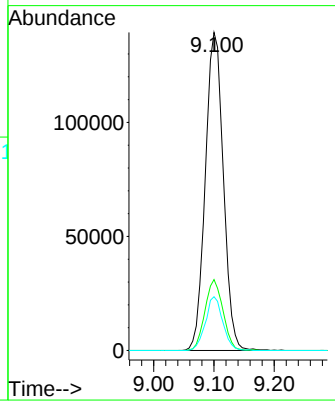
MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion:	114	Resp:	290146
Ion Ratio	Lower	Upper	
114	100		
63	22.3	0.0	43.8
88	16.9	0.0	31.6

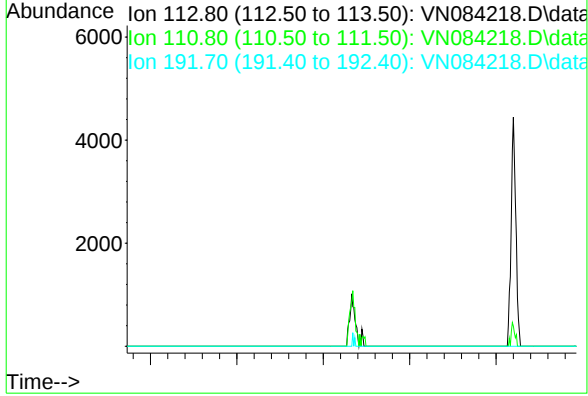
Manual Integrations
 APPROVED

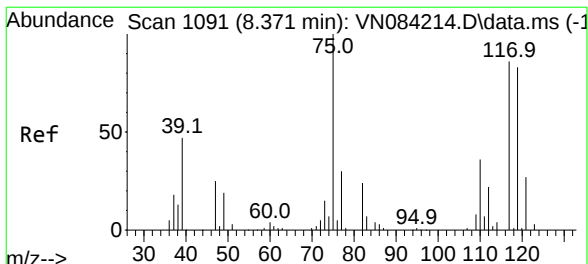
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 8.16 min
 Lab File: VN084218.D
 Acq: 30 Sep 2024 14:48

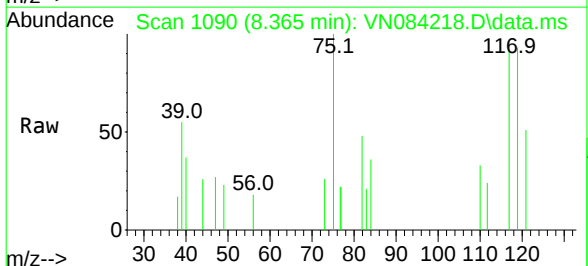
Tgt Ion:	113
Sig	Exp Ratio
113	100
111	104.1
192	16.9





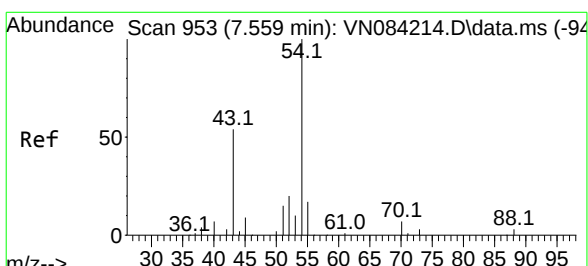
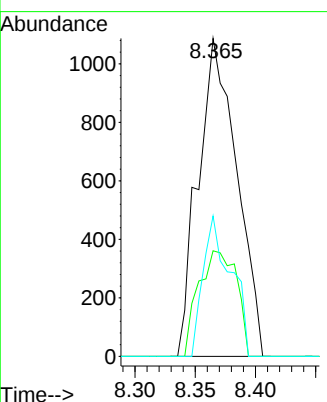
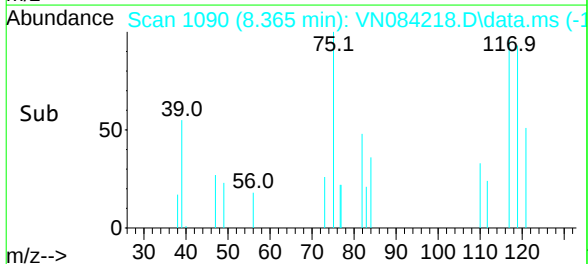
#36
 1,1-Dichloropropene
 Concen: 0.871 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084218.D
 Acq: 30 Sep 2024 14:48

Instrument : MSVOA_N
 ClientSampleId : VSTDIC001

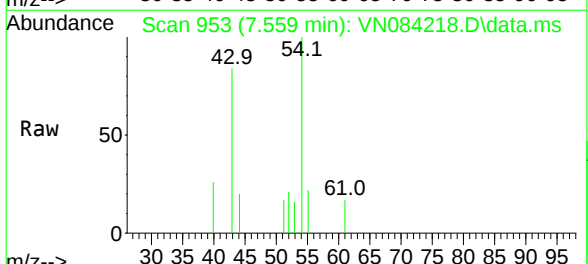


Tgt Ion:	75	Resp:	2420
Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.9	50.7
77	31.9	24.7	37.1

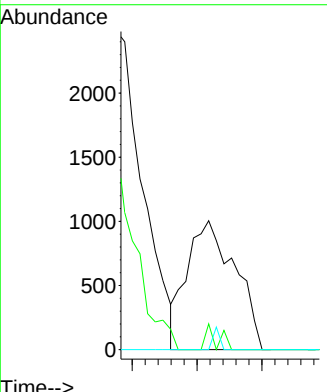
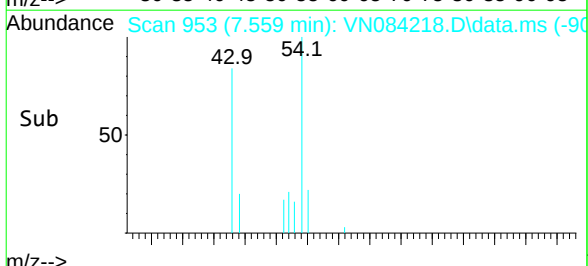
Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024

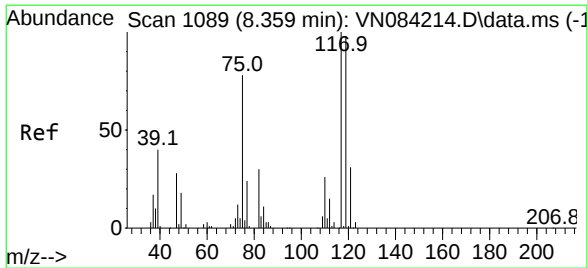


#37
 Ethyl Acetate
 Concen: 0.911 ug/l
 RT: 7.559 min Scan# 953
 Delta R.T. -0.000 min
 Lab File: VN084218.D
 Acq: 30 Sep 2024 14:48



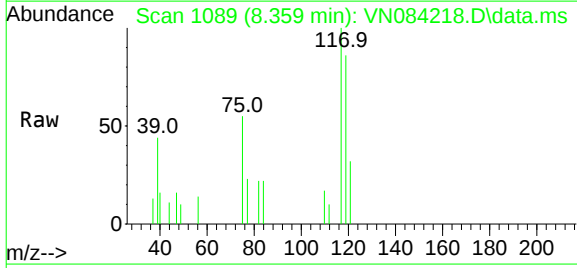
Tgt Ion:	43	Resp:	2596
Ion	Ratio	Lower	Upper
43	100		
61	4.8	10.7	16.1#
70	2.4	8.8	13.2#





#38
Carbon Tetrachloride
Concen: 0.917 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

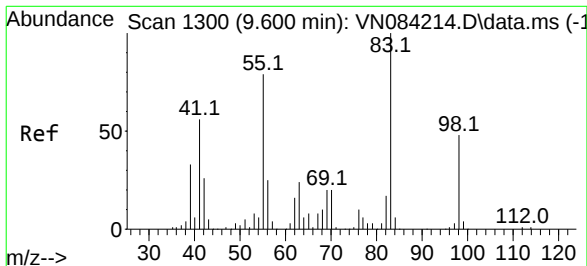
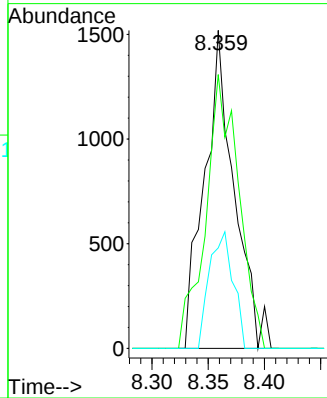
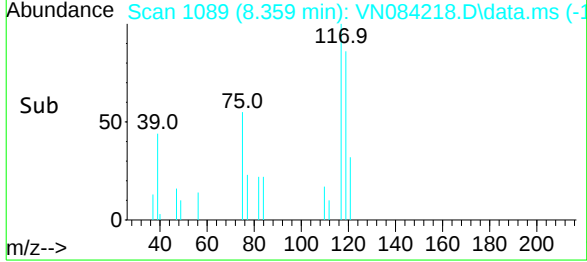
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 2795
Ion Ratio Lower Upper
117 100
119 86.1 78.7 118.1
121 31.6 24.4 36.6

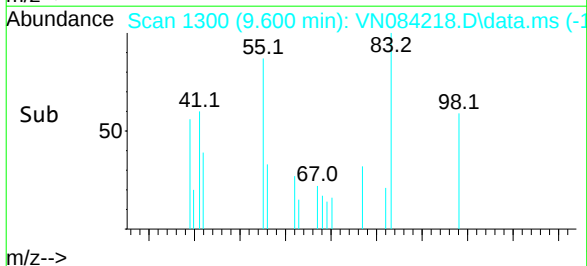
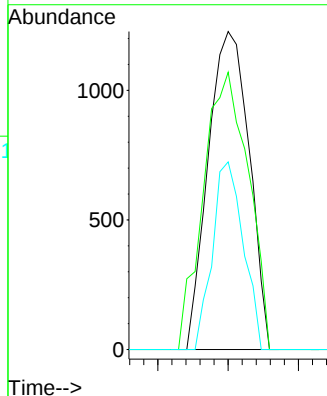
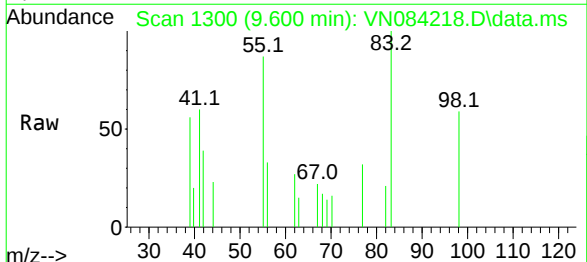
Manual Integrations
APPROVED

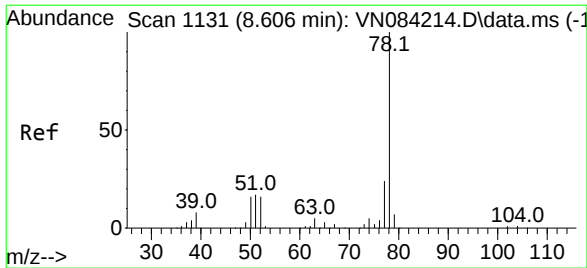
Reviewed By : John Carlone 10/01/2024
Supervised By : Mahesh Dadoda 10/01/2024



#39
Methylcyclohexane
Concen: 0.804 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Tgt Ion: 83 Resp: 2486
Ion Ratio Lower Upper
83 100
55 87.2 62.8 94.2
98 59.0 38.8 58.2#





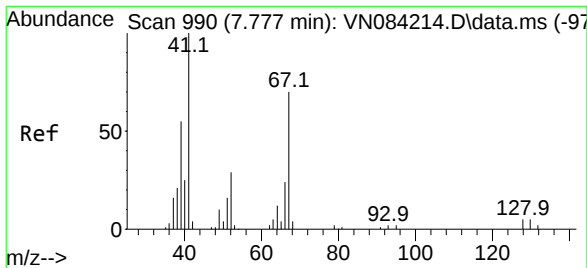
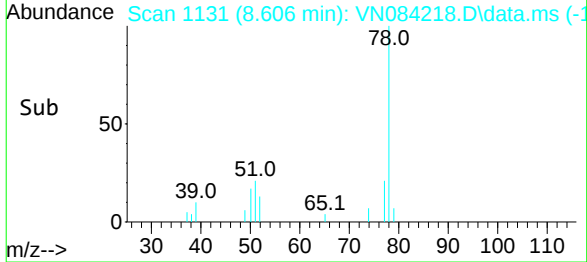
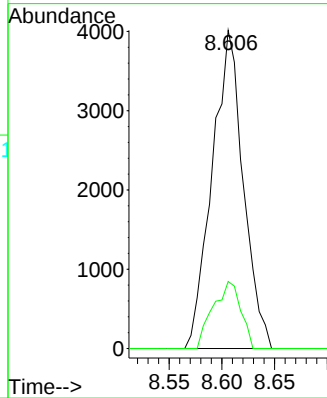
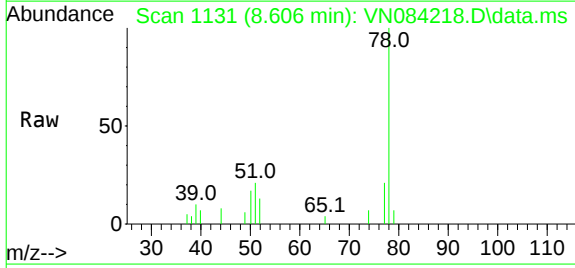
#40
Benzene
Concen: 0.952 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 78 Resp: 8245
Ion Ratio Lower Upper
78 100
77 21.1 19.1 28.7

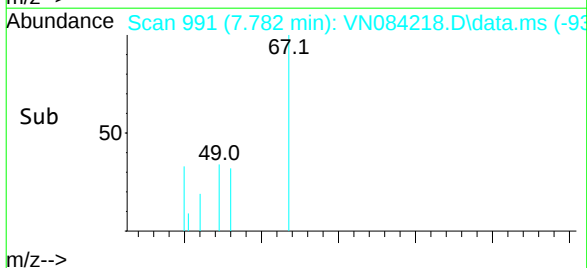
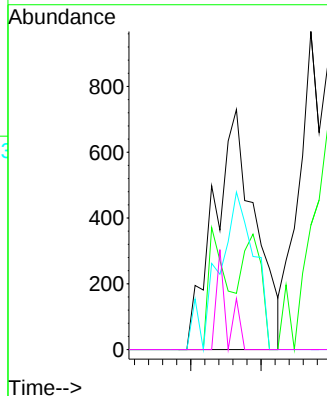
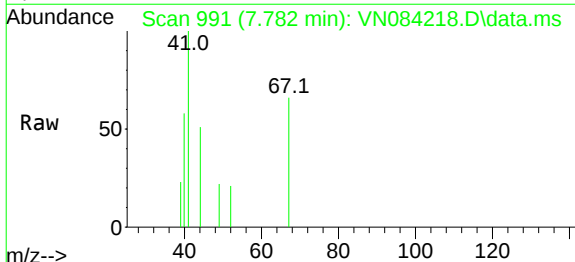
Manual Integrations
APPROVED

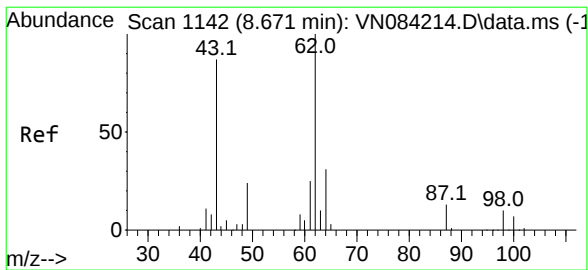
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#41
Methacrylonitrile
Concen: 0.963 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Tgt Ion: 41 Resp: 1490
Ion Ratio Lower Upper
41 100
39 21.5 43.3 64.9#
67 56.9 56.1 84.1
52 0.0 24.5 36.7#





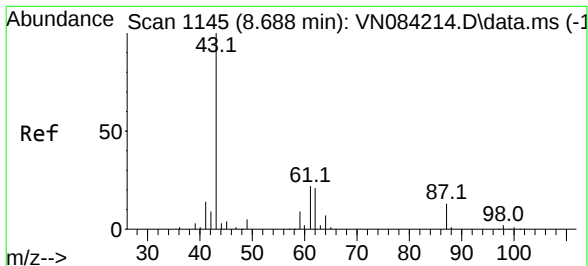
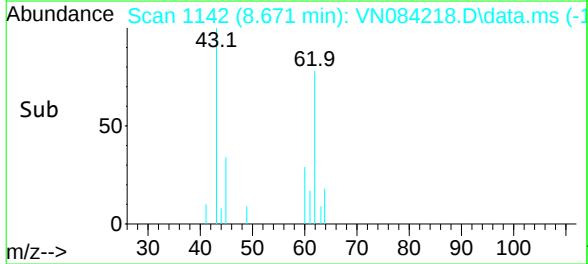
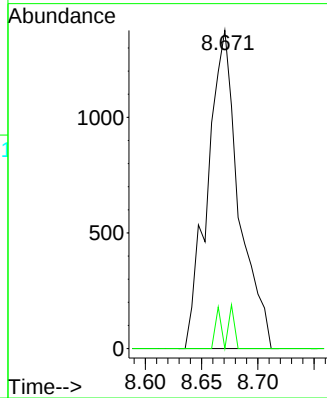
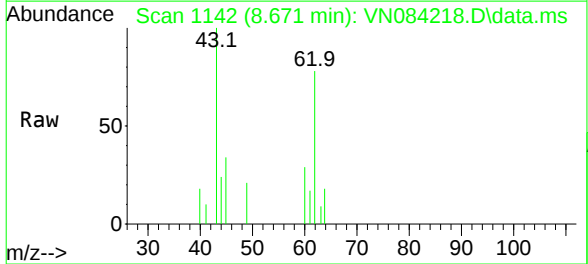
#42
 1,2-Dichloroethane
 Concen: 0.909 ug/l
 RT: 8.671 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VN084218.D
 Acq: 30 Sep 2024 14:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:	62	Resp:	2669
Ion	Ratio	Lower	Upper
62	100		
98	4.9	0.0	18.2

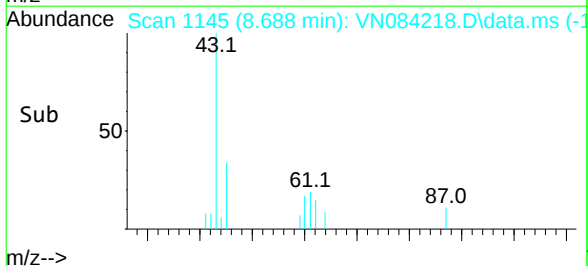
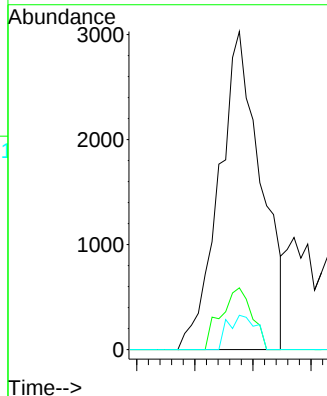
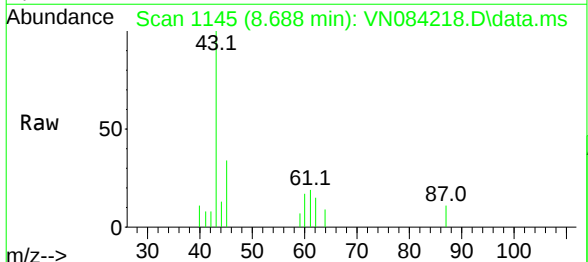
Manual Integrations
 APPROVED

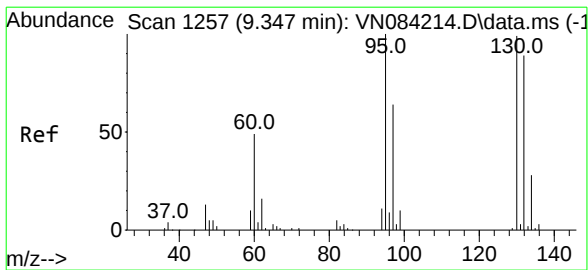
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#43
 Isopropyl Acetate
 Concen: 1.364 ug/l m
 RT: 8.688 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: VN084218.D
 Acq: 30 Sep 2024 14:48

Tgt Ion:	43	Resp:	7614
Ion	Ratio	Lower	Upper
43	100		
61	14.3	20.4	30.6#
87	7.3	10.3	15.5#





#44

Trichloroethene

Concen: 0.932 ug/l

RT: 9.347 min Scan# 12

Delta R.T. -0.000 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:130 Resp: 1885

Ion Ratio Lower Upper

130 100

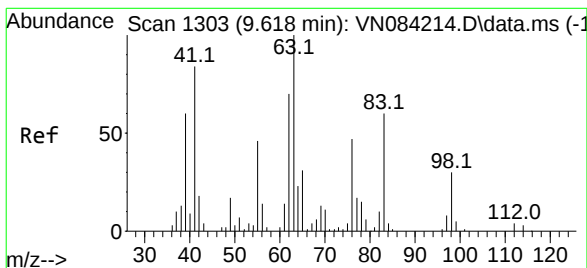
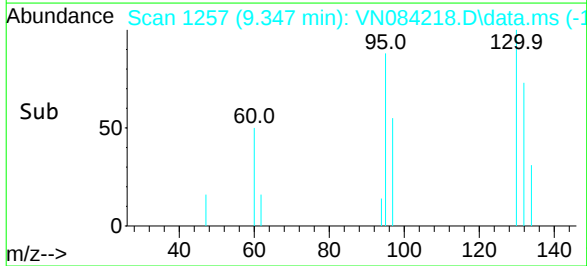
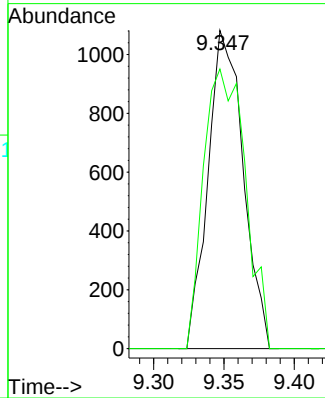
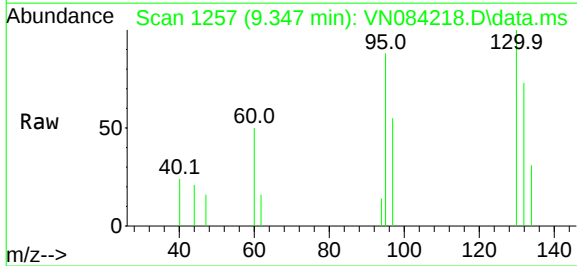
95 87.9 0.0 203.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#45

1,2-Dichloropropane

Concen: 0.818 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN084218.D

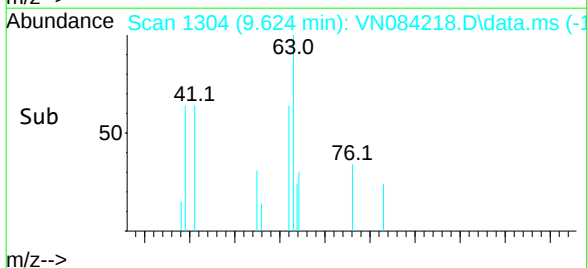
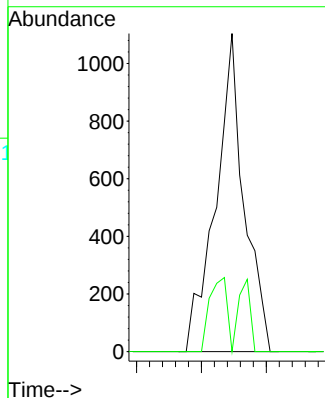
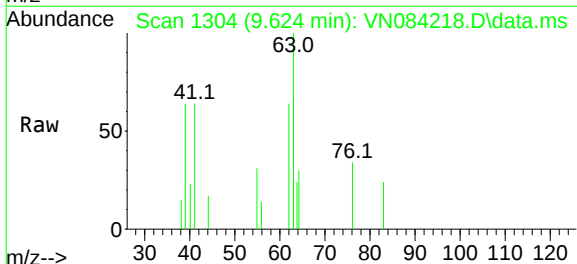
Acq: 30 Sep 2024 14:48

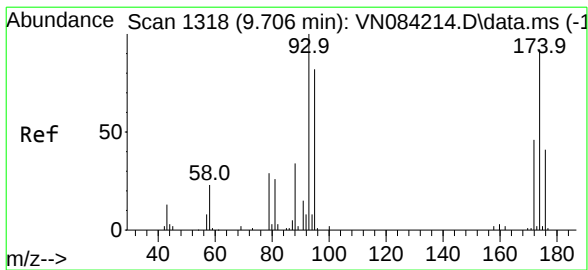
Tgt Ion: 63 Resp: 1676

Ion Ratio Lower Upper

63 100

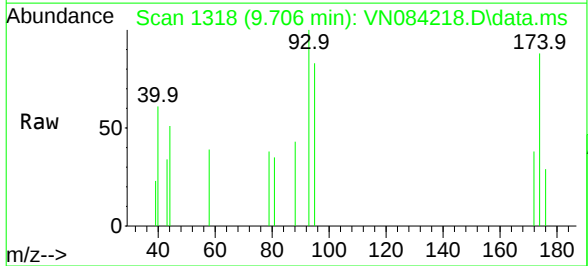
65 0.0 24.6 37.0#





#46
Dibromomethane
Concen: 0.828 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

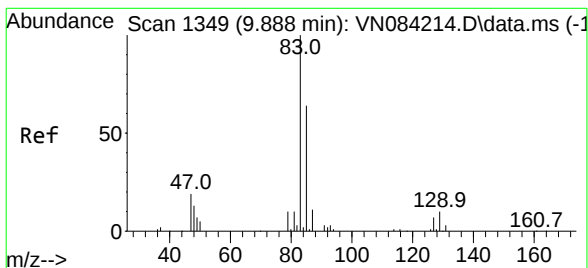
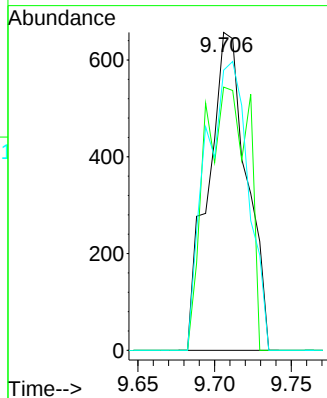
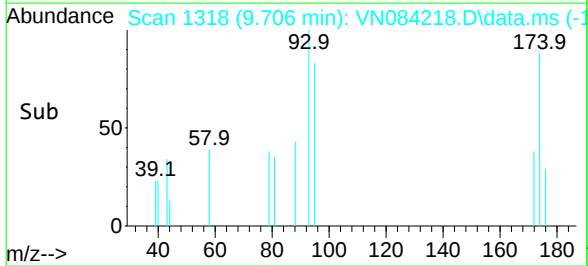
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



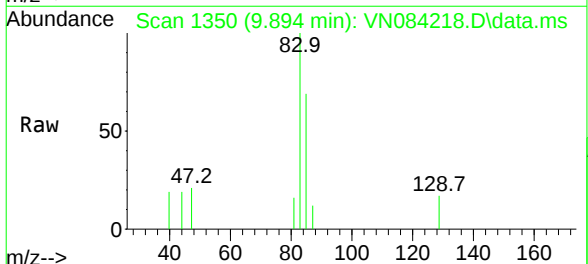
Tgt Ion: 93 Resp: 1144
Ion Ratio Lower Upper
93 100
95 95.1 65.0 97.4
174 100.3 71.8 107.8

Manual Integrations
APPROVED

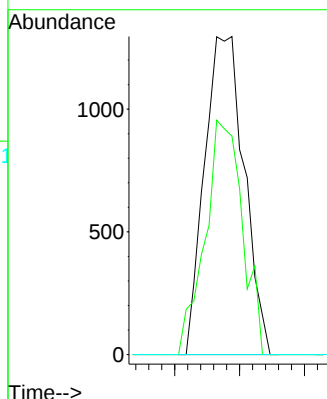
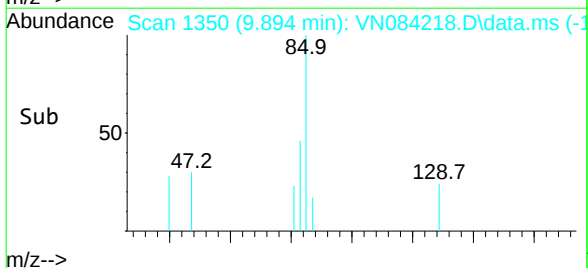
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

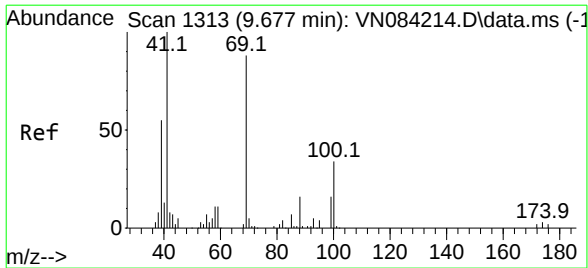


#47
Bromodichloromethane
Concen: 0.897 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48



Tgt Ion: 83 Resp: 2754
Ion Ratio Lower Upper
83 100
85 68.7 51.5 77.3
127 0.0 5.7 8.5#





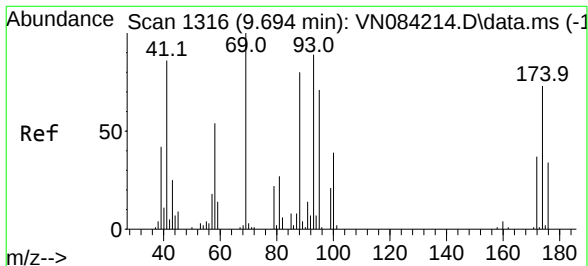
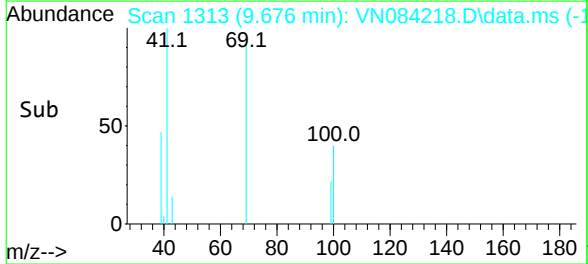
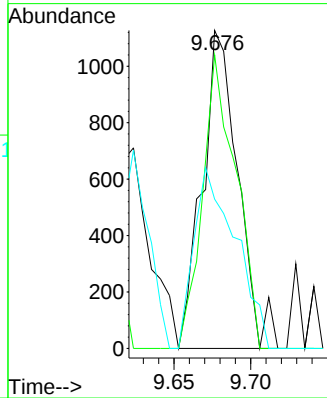
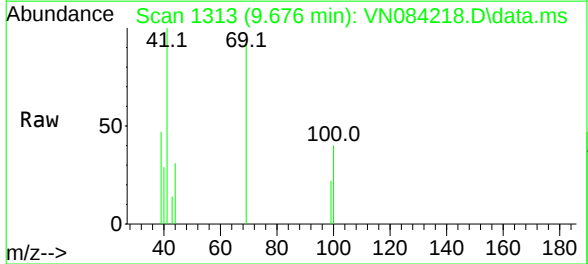
#48
Methyl methacrylate
Concen: 0.821 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:	41	Resp:	1824
Ion	Ratio	Lower	Upper
41	100		
69	86.5	67.1	100.7
39	66.4	45.8	68.6

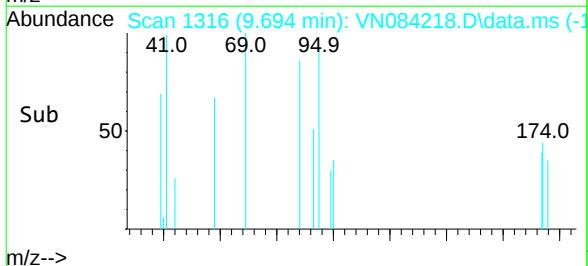
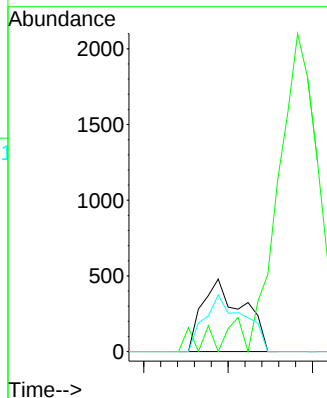
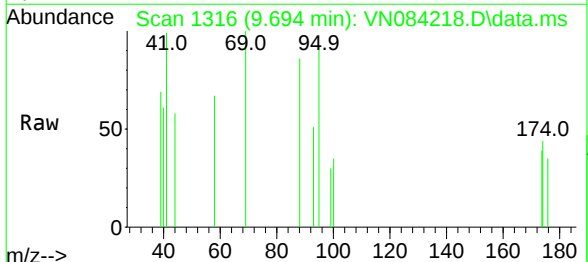
Manual Integrations
APPROVED

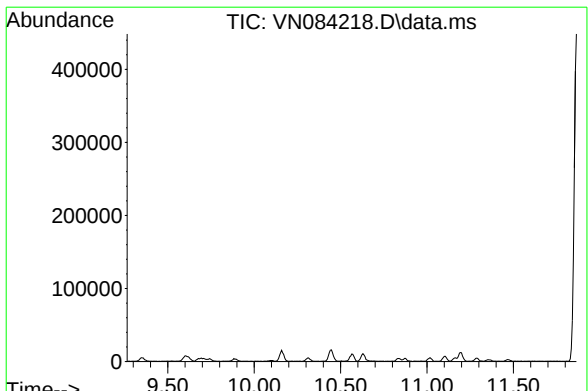
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#49
1,4-Dioxane
Concen: 19.552 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Tgt Ion:	88	Resp:	800
Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.3	37.9#
58	75.9	56.4	84.6





#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.56 min

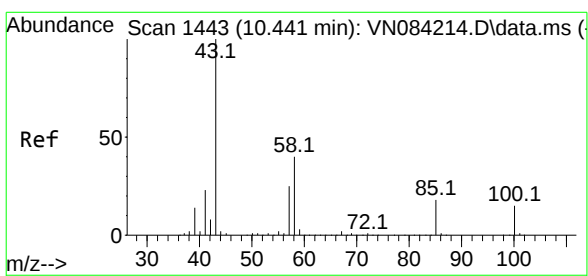
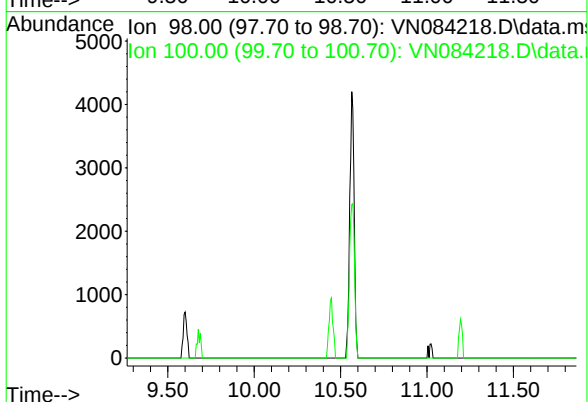
Lab File: VN084218.D
 Acq: 30 Sep 2024 14:48

Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 65.9

Instrument : MSVOA_N
 ClientSampleId : VSTDICC001

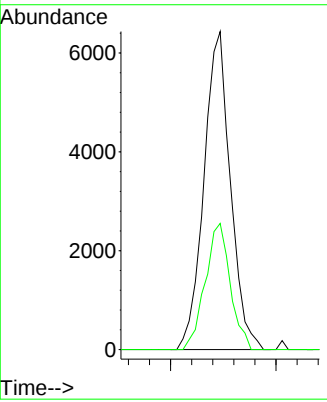
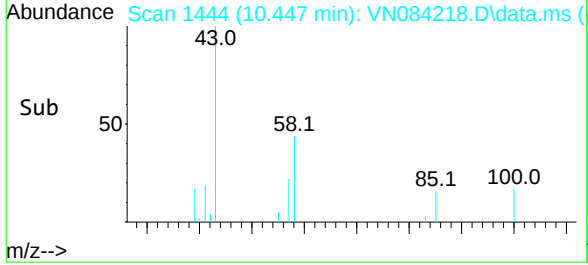
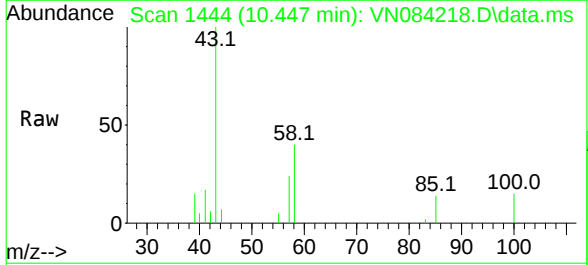
Manual Integrations
APPROVED

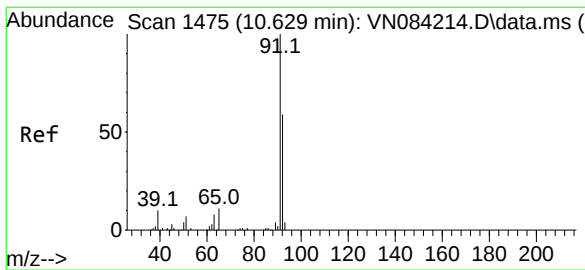
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#51
 4-Methyl-2-Pentanone
 Concen: 4.134 ug/l
 RT: 10.447 min Scan# 1444
 Delta R.T. 0.006 min
 Lab File: VN084218.D
 Acq: 30 Sep 2024 14:48

Tgt Ion: 43 Resp: 11218
 Ion Ratio Lower Upper
 43 100
 58 37.4 31.6 47.4





#52

Toluene

Concen: 0.923 ug/l

RT: 10.629 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 92 Resp: 4875

Ion Ratio Lower Upper

92 100

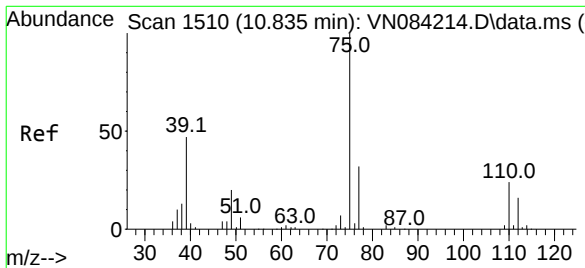
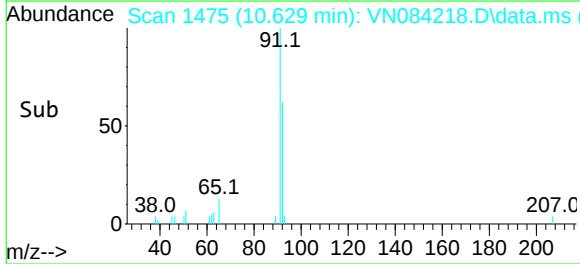
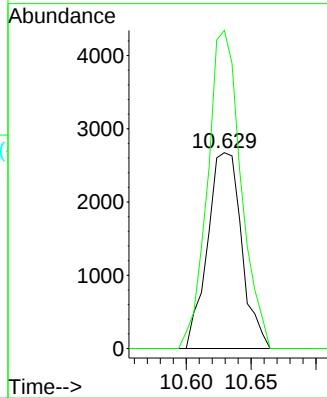
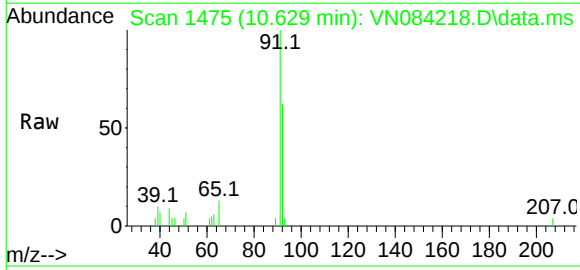
91 159.8 137.3 205.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#53

t-1,3-Dichloropropene

Concen: 0.797 ug/l

RT: 10.829 min Scan# 1509

Delta R.T. -0.006 min

Lab File: VN084218.D

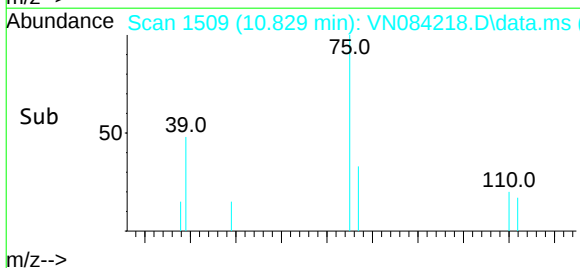
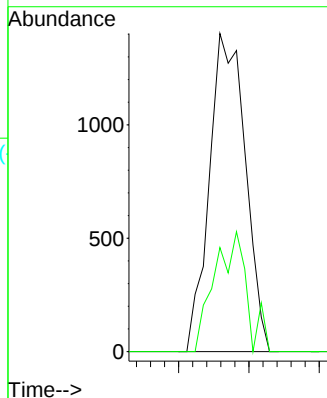
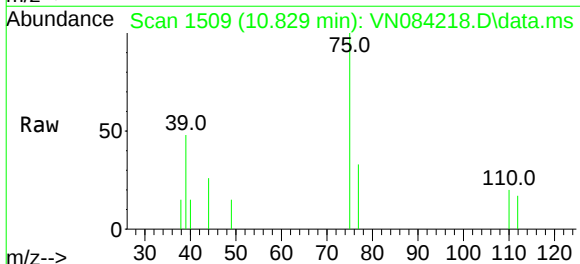
Acq: 30 Sep 2024 14:48

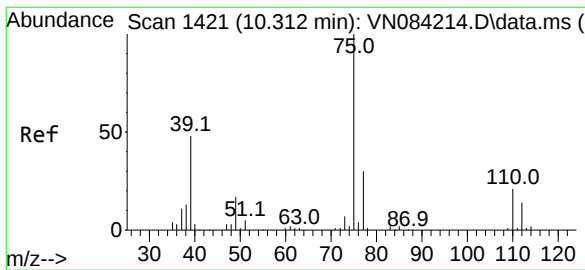
Tgt Ion: 75 Resp: 2493

Ion Ratio Lower Upper

75 100

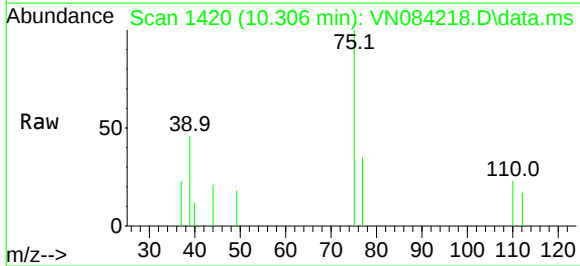
77 32.7 25.4 38.0





#54
 cis-1,3-Dichloropropene
 Concen: 0.808 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN084218.D
 Acq: 30 Sep 2024 14:48

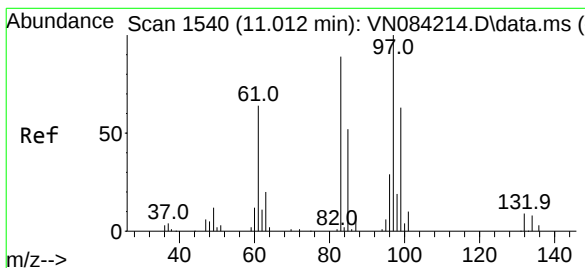
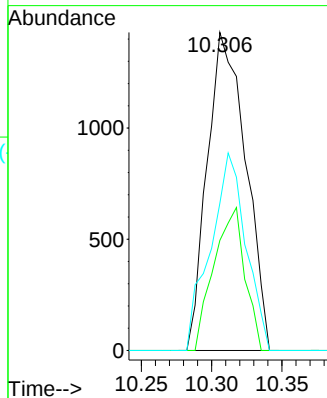
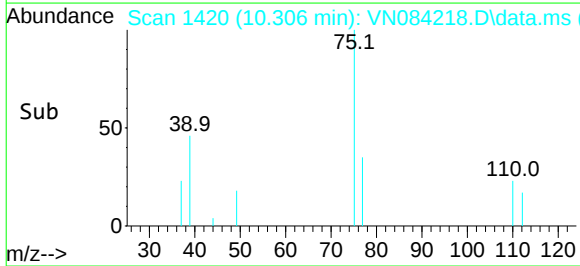
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.6	24.2	36.2
39	46.3	38.7	58.1

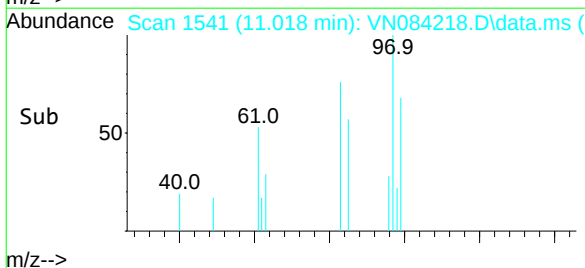
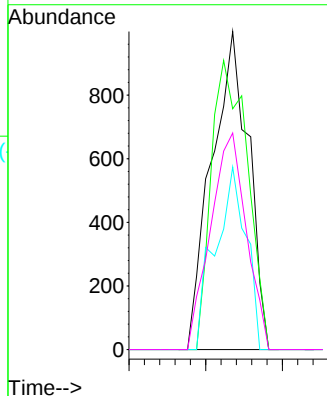
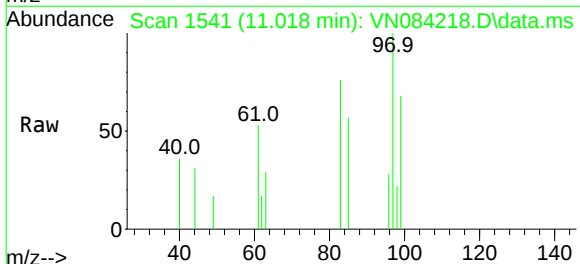
Manual Integrations
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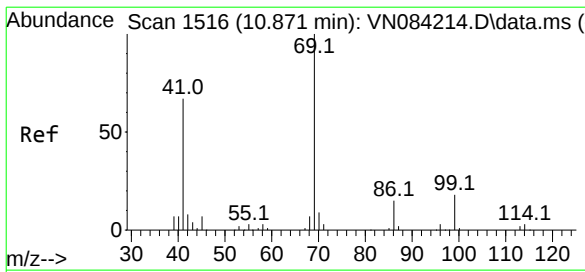
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#55
 1,1,2-Trichloroethane
 Concen: 0.882 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.006 min
 Lab File: VN084218.D
 Acq: 30 Sep 2024 14:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	75.7	71.0	106.4
85	57.4	41.7	62.5
99	68.1	50.1	75.1





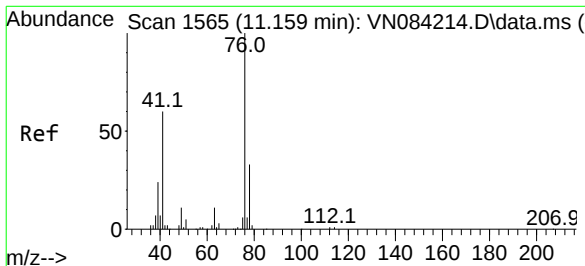
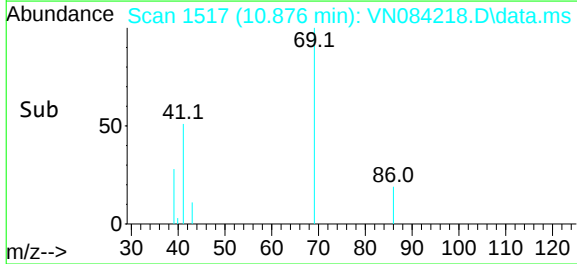
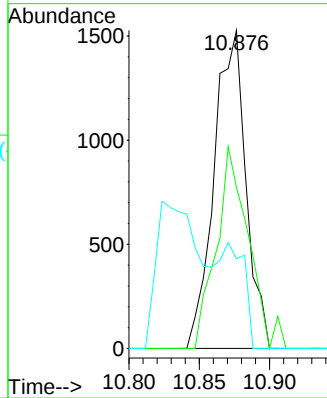
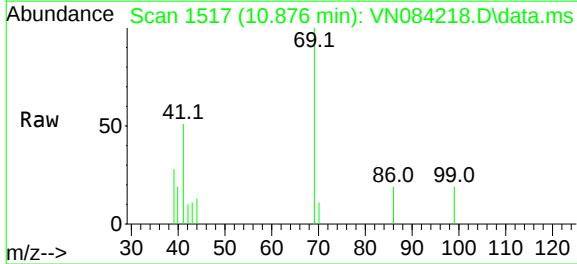
#56
Ethyl methacrylate
Concen: 0.771 ug/l
RT: 10.876 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.2	53.3	79.9
39	0.0	28.8	43.2

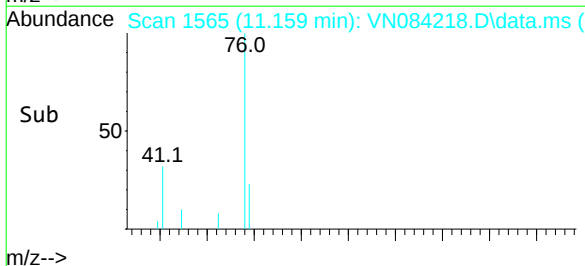
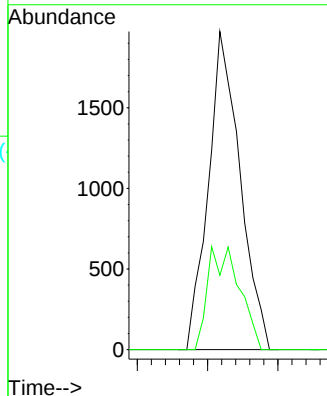
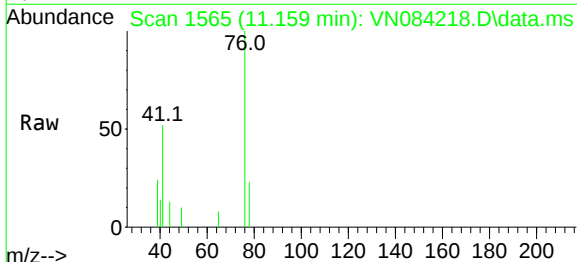
Manual Integrations
APPROVED

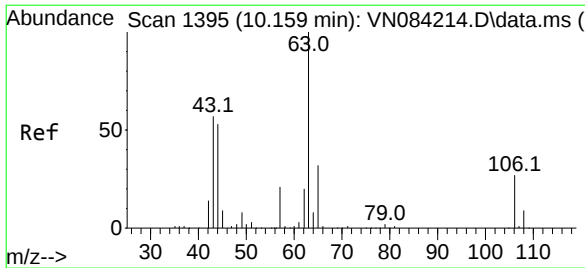
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#57
1,3-Dichloropropane
Concen: 0.914 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6





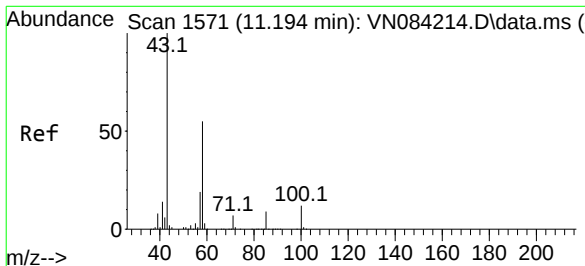
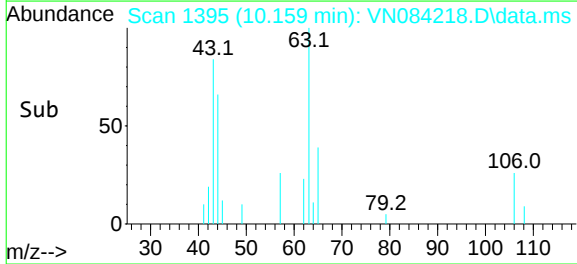
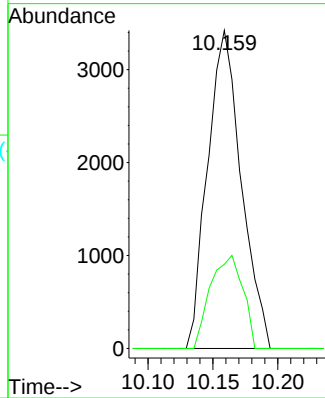
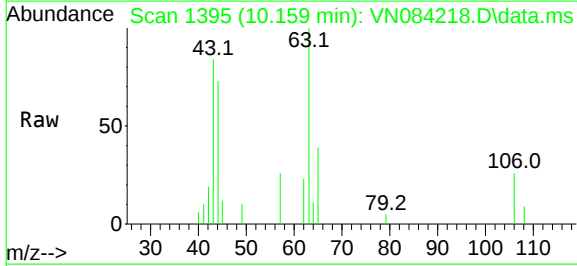
#58
2-Chloroethyl Vinyl ether
Concen: 4.278 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 6179
Ion Ratio Lower Upper
63 100
106 28.2 21.8 32.6

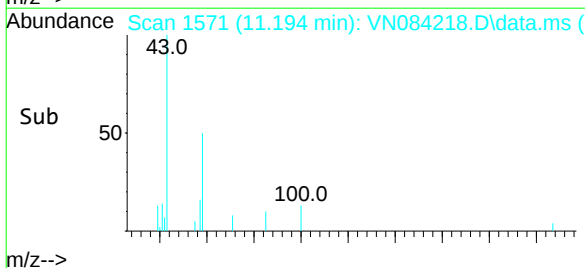
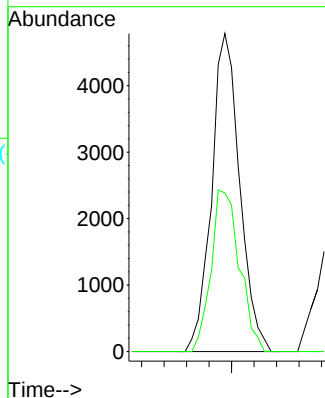
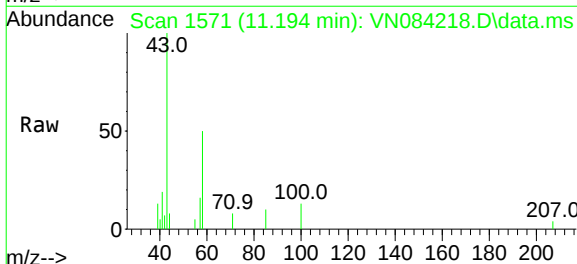
Manual Integrations
APPROVED

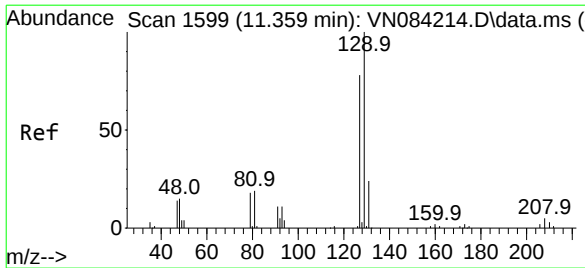
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#59
2-Hexanone
Concen: 4.084 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Tgt Ion: 43 Resp: 8282
Ion Ratio Lower Upper
43 100
58 51.4 27.3 81.8





#60

Dibromochloromethane

Concen: 0.857 ug/l

RT: 11.353 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:129 Resp: 1916

Ion Ratio Lower Upper

129 100

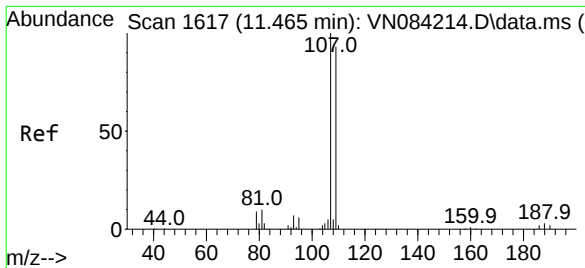
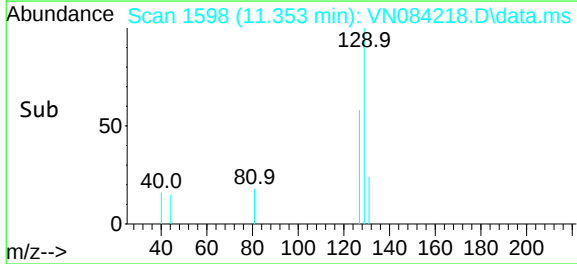
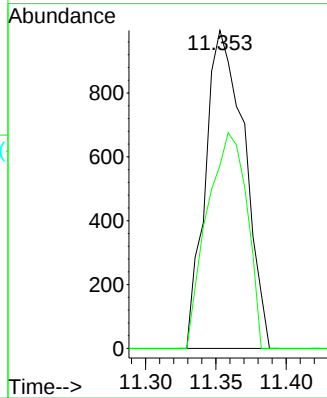
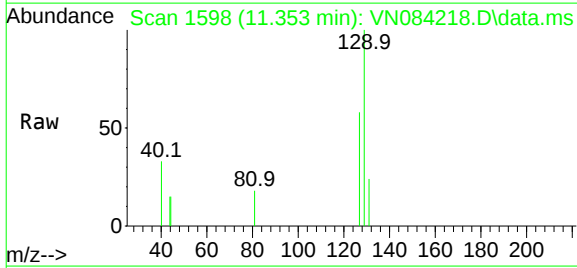
127 69.2 38.3 114.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#61

1,2-Dibromoethane

Concen: 0.913 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VN084218.D

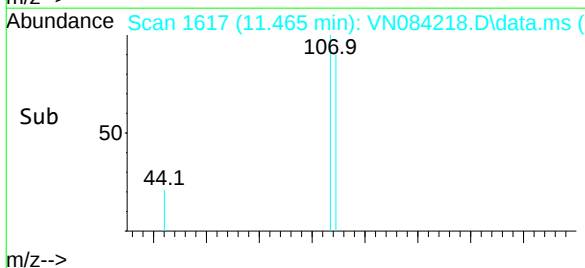
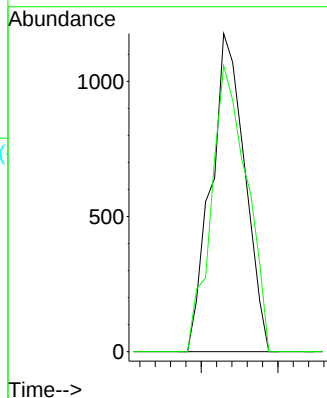
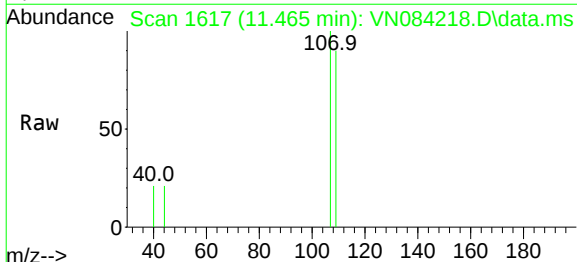
Acq: 30 Sep 2024 14:48

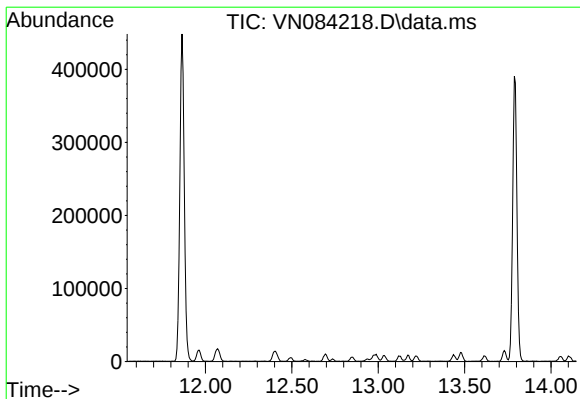
Tgt Ion:107 Resp: 1795

Ion Ratio Lower Upper

107 100

109 94.9 75.4 113.0





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.85 min

Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Tgt Ion	95
Sig	Exp Ratio
95	100
174	72.6
176	70.0

Instrument :

MSVOA_N

ClientSampleId :

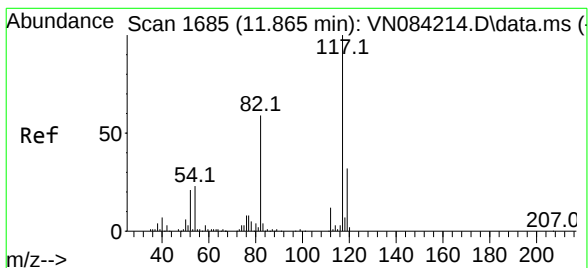
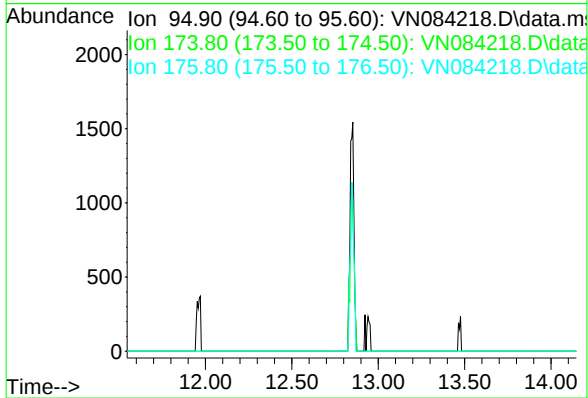
VSTDICC001

Manual Integrations

APPROVED

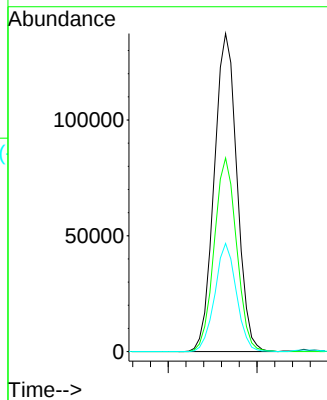
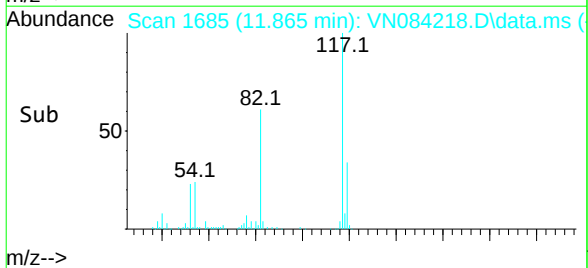
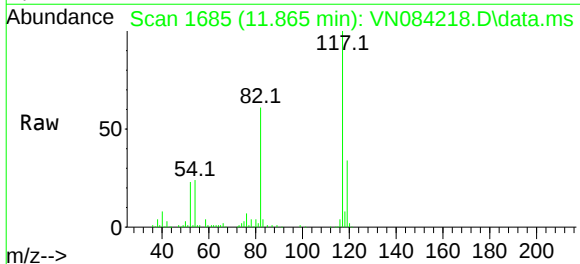
Reviewed By :John Carlone 10/01/2024

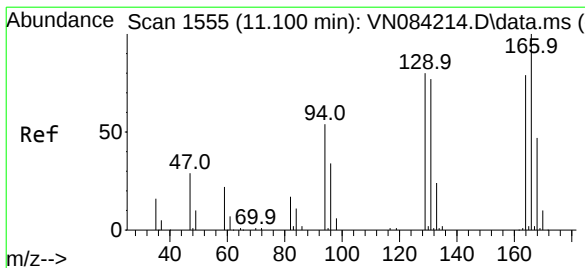
Supervised By :Mahesh Dadoda 10/01/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Tgt Ion	117	Resp	244376
Ion Ratio	Lower	Upper	
117	100		
82	60.8	47.2	70.8
119	34.0	25.4	38.0





#64

Tetrachloroethene

Concen: 0.993 ug/l

RT: 11.106 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

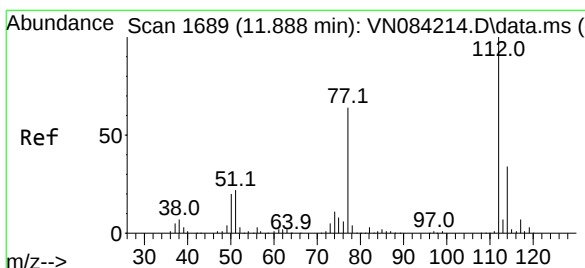
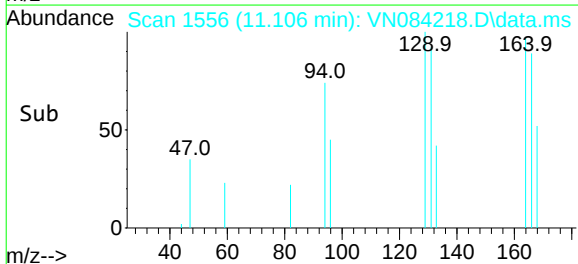
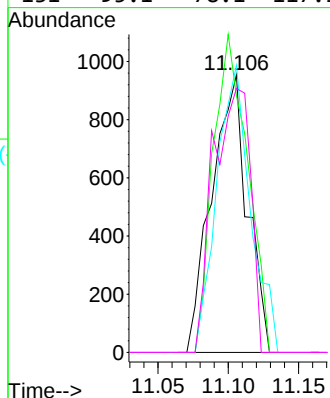
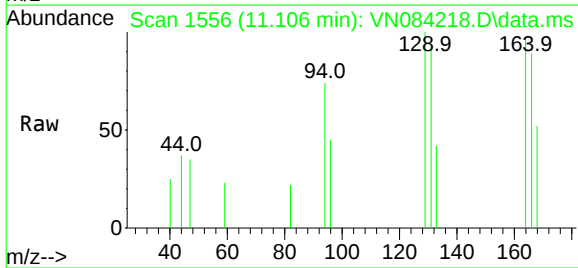
Tgt Ion:	164	Resp:	1690
Ion	Ratio	Lower	Upper
164	100		
166	92.5	101.0	151.4#
129	103.5	80.8	121.2
131	95.1	78.1	117.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#65

Chlorobenzene

Concen: 0.927 ug/l

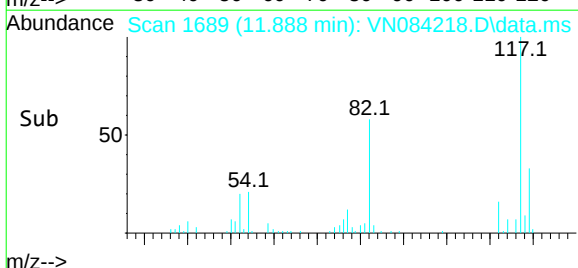
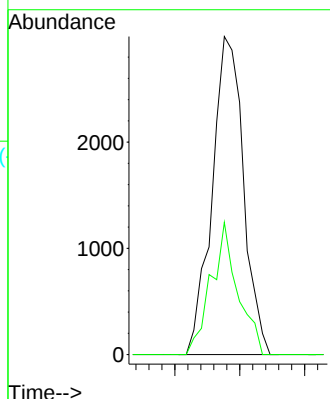
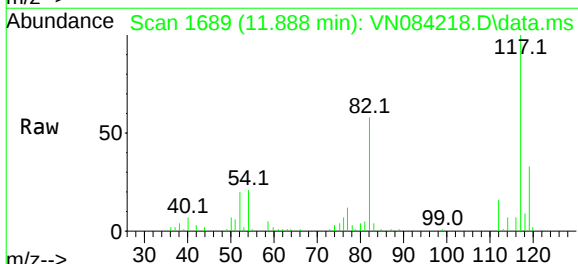
RT: 11.888 min Scan# 1689

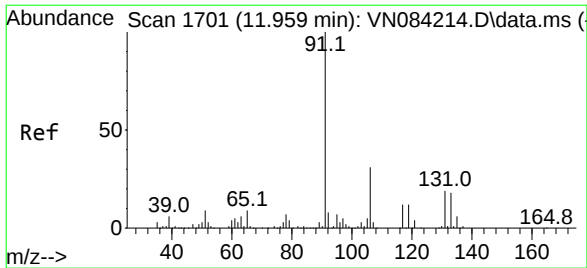
Delta R.T. -0.000 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

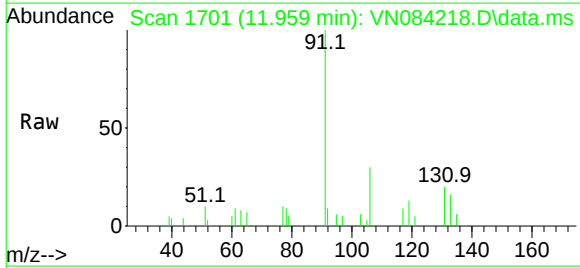
Tgt Ion:	112	Resp:	5025
Ion	Ratio	Lower	Upper
112	100		
114	41.6	27.0	40.6#





#66
1,1,1,2-Tetrachloroethane
Concen: 0.874 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

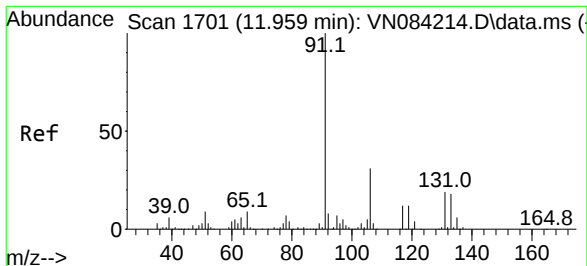
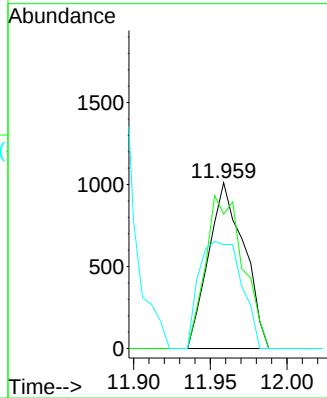
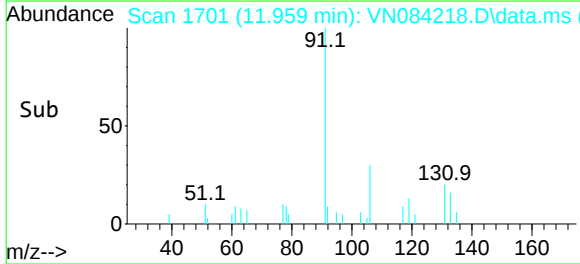
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



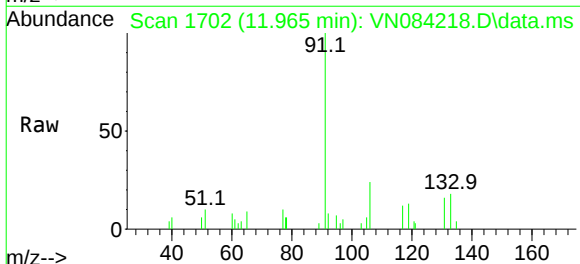
Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.9	143.7
119	0.0	32.8	98.3

Manual Integrations
APPROVED

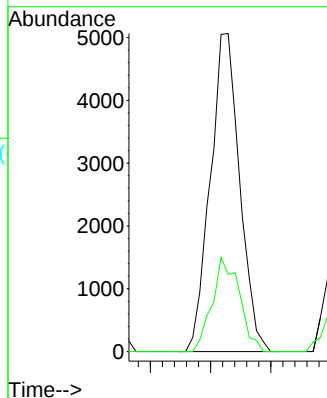
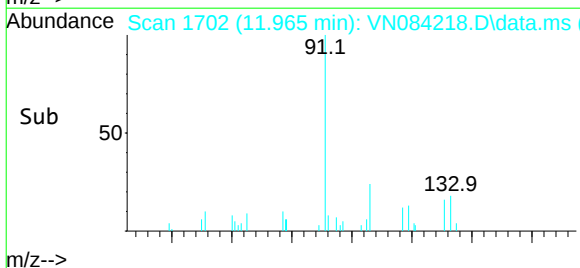
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

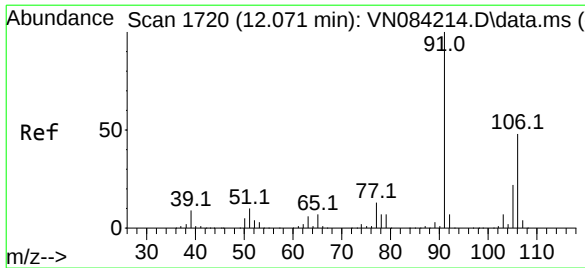


#67
Ethyl Benzene
Concen: 0.896 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48



Tgt Ion	Ratio	Lower	Upper
91	100		
106	24.3	24.5	36.7





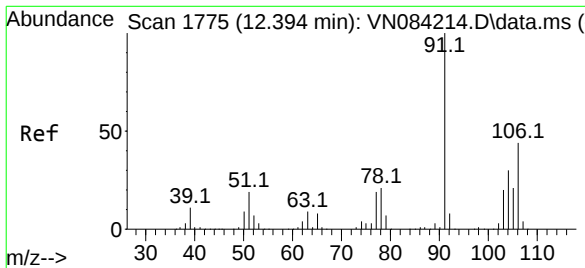
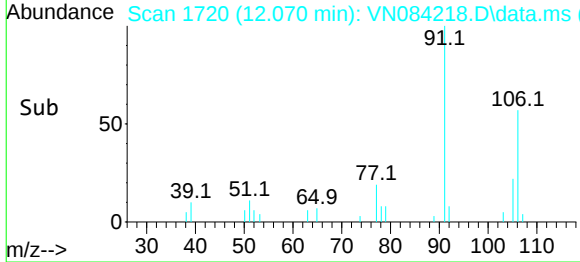
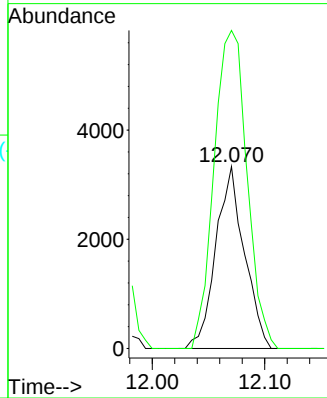
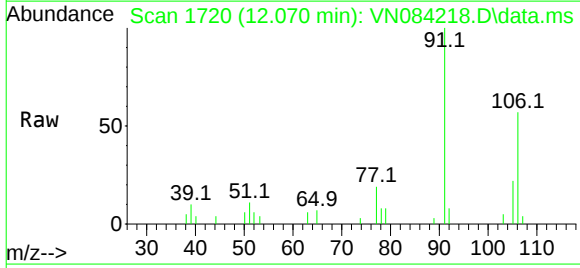
#68
m/p-Xylenes
Concen: 1.656 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 5869
Ion Ratio Lower Upper
106 100
91 201.7 167.1 250.7

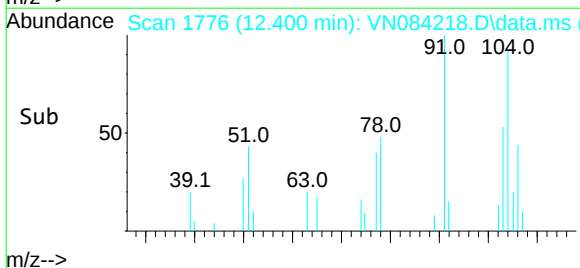
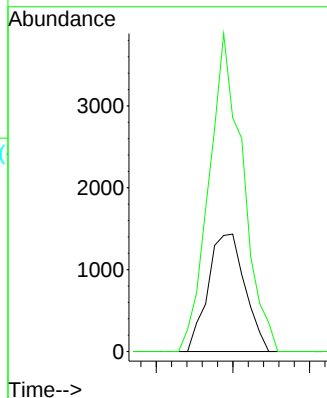
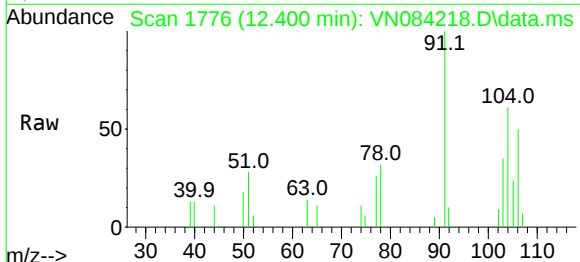
Manual Integrations
APPROVED

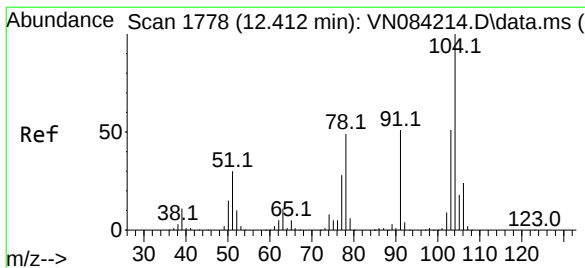
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#69
o-Xylene
Concen: 0.715 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Tgt Ion:106 Resp: 2398
Ion Ratio Lower Upper
106 100
91 248.5 110.2 330.6





#70

Styrene

Concen: 0.790 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

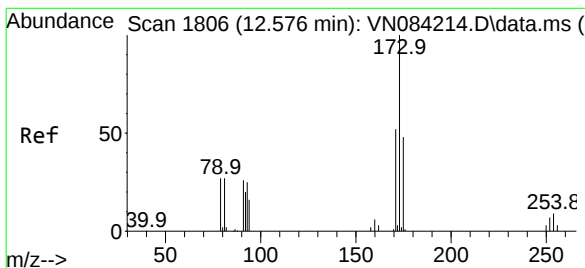
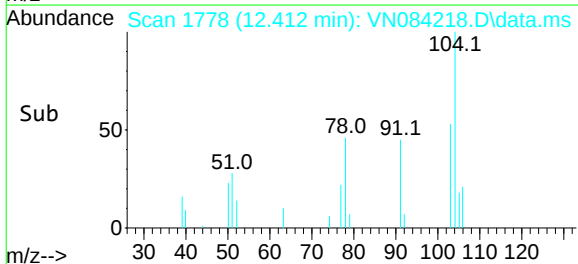
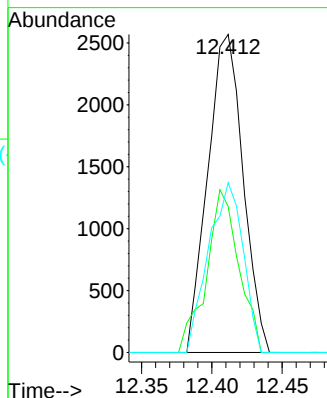
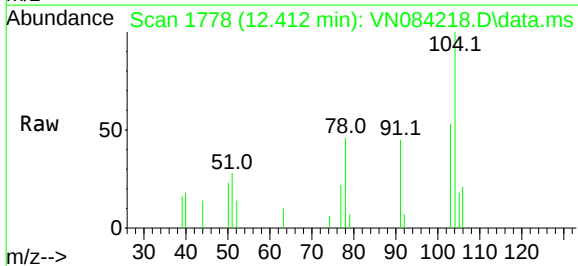
Tgt Ion:	104	Resp:	4489
Ion Ratio	Lower	Upper	
104	100		
78	47.1	42.7	64.1
103	52.2	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#71

Bromoform

Concen: 0.850 ug/l

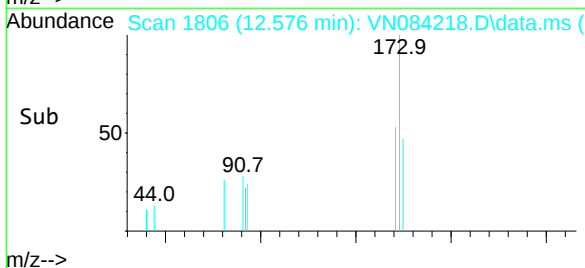
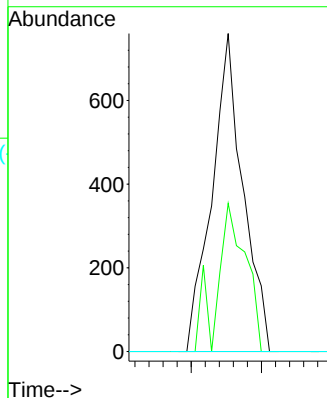
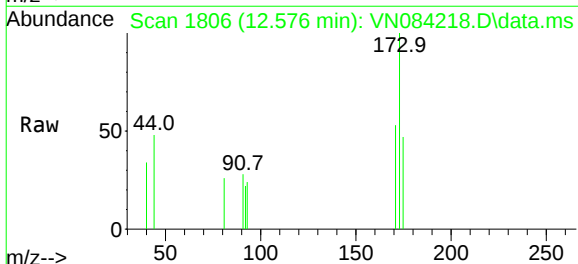
RT: 12.576 min Scan# 1806

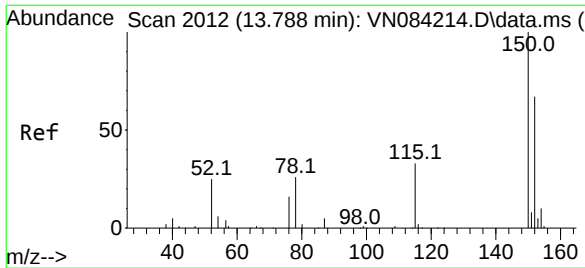
Delta R.T. -0.000 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

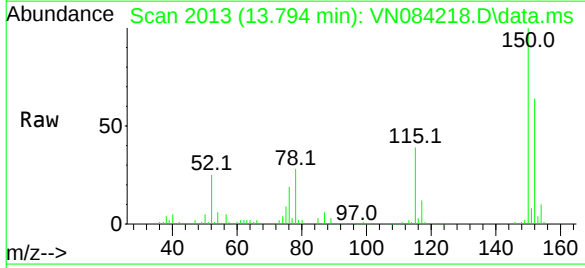
Tgt Ion:	173	Resp:	1168
Ion Ratio	Lower	Upper	
173	100		
175	43.1	23.5	70.6
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

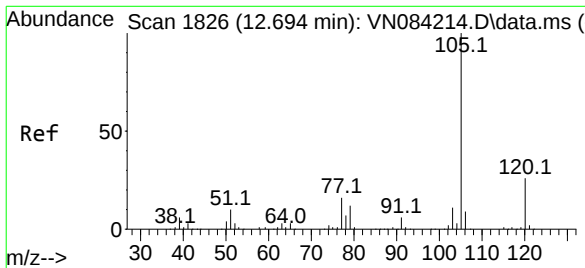
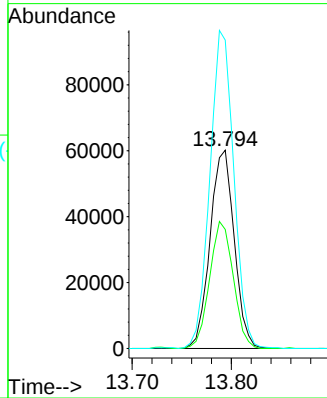
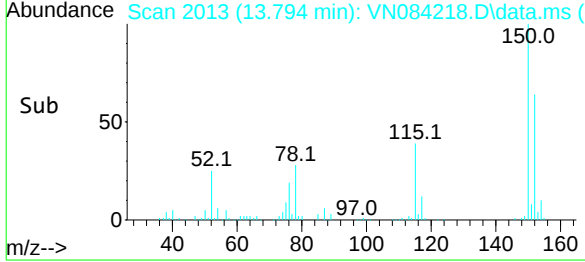
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



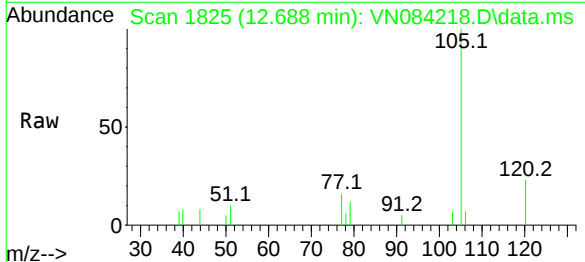
Tgt Ion:152 Resp: 101963
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.9
150 159.0 0.0 349.8

Manual Integrations
APPROVED

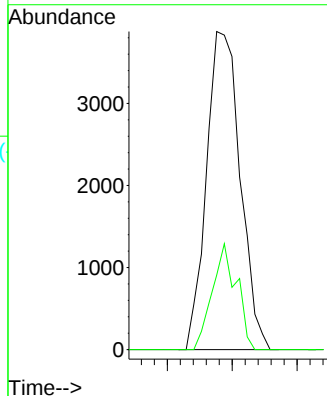
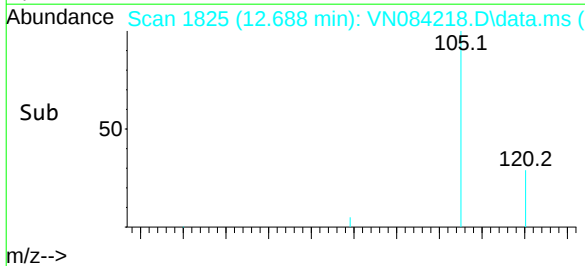
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

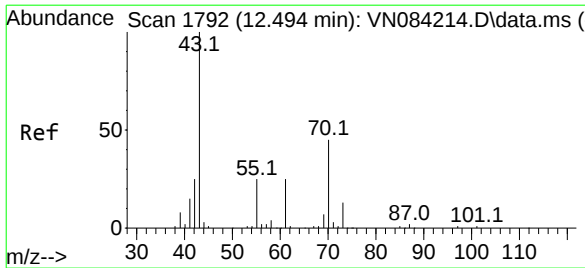


#73
Isopropylbenzene
Concen: 0.899 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48



Tgt Ion:105 Resp: 6991
Ion Ratio Lower Upper
105 100
120 24.1 12.9 38.7





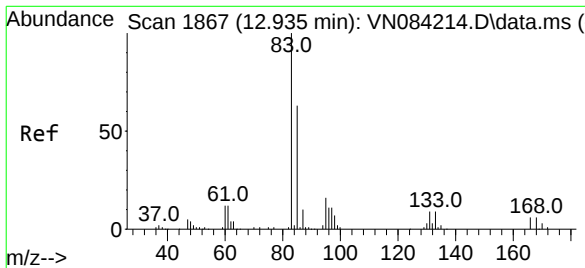
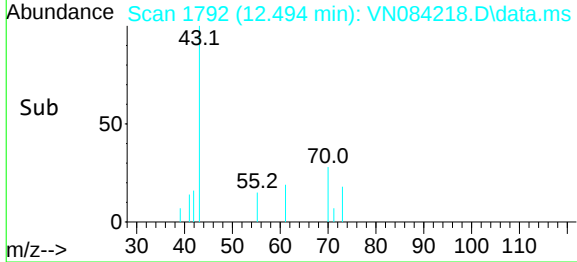
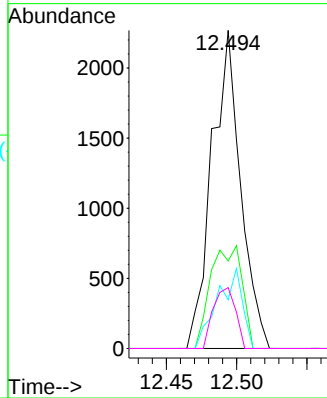
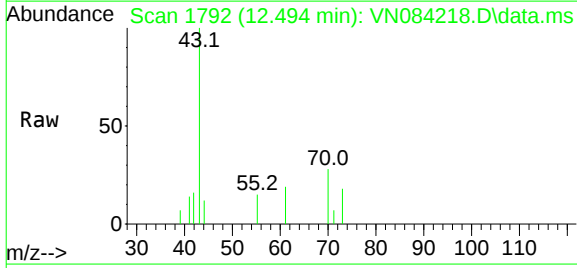
#74
N-amy1 acetate
Concen: 0.916 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Instrument : MSVOA_N
ClientSampleId : VSTDIC001

Tgt Ion: 43	Resp: 3228
Ion Ratio	Lower Upper
43 100	
70 35.2	34.4 51.6
55 21.8	19.6 29.4
61 14.8	19.6 29.4#

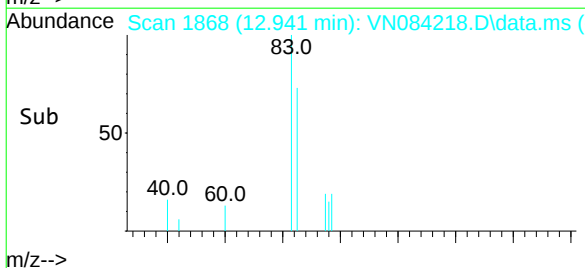
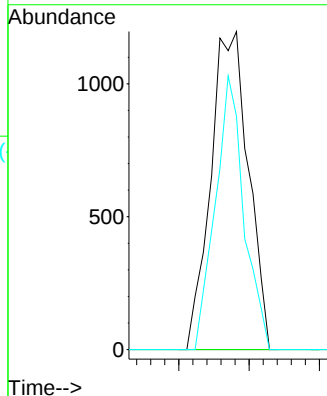
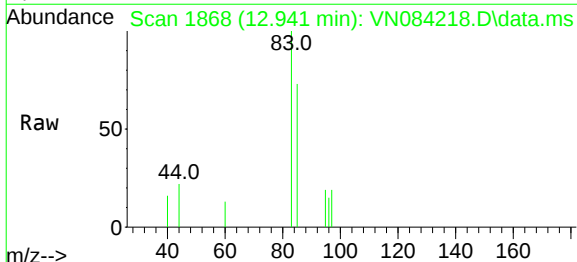
Manual Integrations
APPROVED

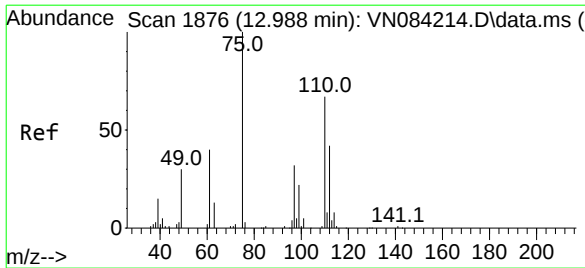
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#75
1,1,2,2-Tetrachloroethane
Concen: 0.954 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Tgt Ion: 83	Resp: 2233
Ion Ratio	Lower Upper
83 100	
131 0.0	4.9 14.7#
85 65.3	31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 0.899 ug/l m

RT: 12.994 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 75 Resp: 1826

Ion Ratio Lower Upper

75 100

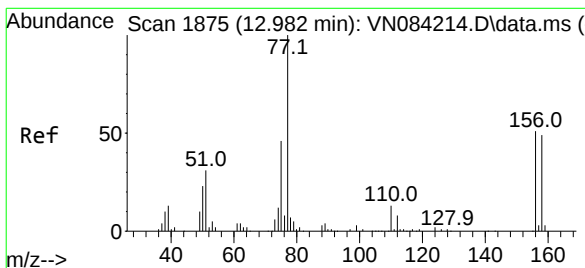
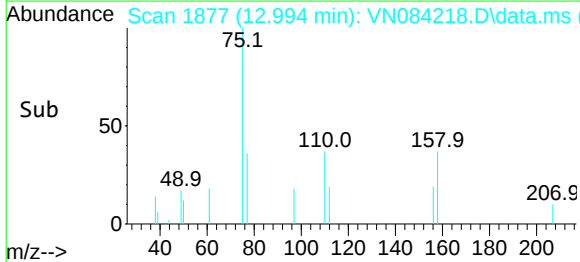
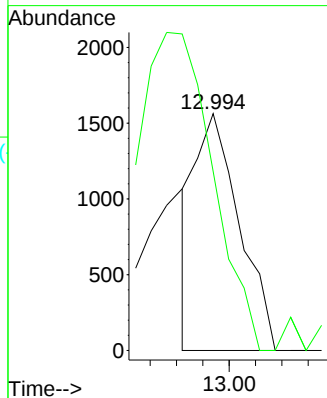
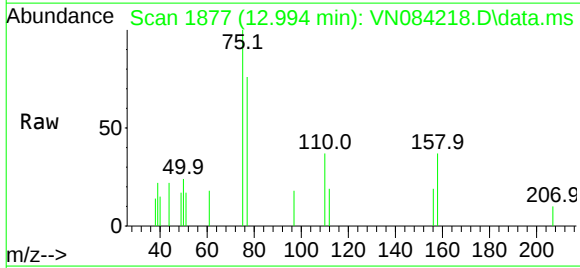
77 231.3 96.9 290.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#77

Bromobenzene

Concen: 0.969 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

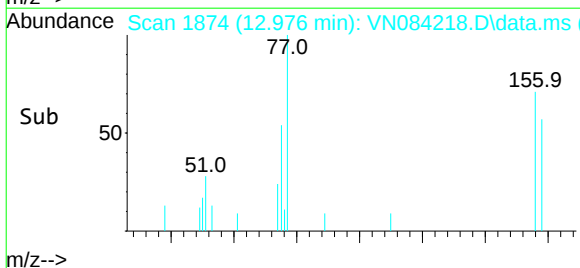
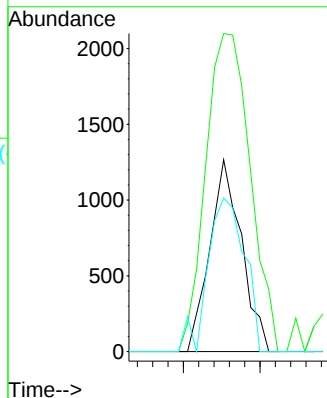
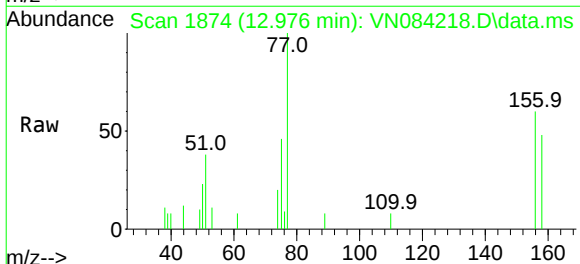
Tgt Ion:156 Resp: 1818

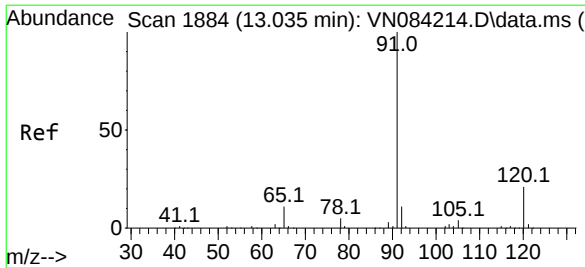
Ion Ratio Lower Upper

156 100

77 232.3 115.1 345.3

158 92.7 48.9 146.8





#78

n-propylbenzene

Concen: 0.781 ug/l

RT: 13.035 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 91 Resp: 7045

Ion Ratio Lower Upper

91 100

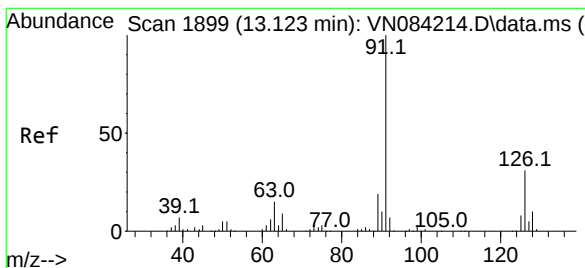
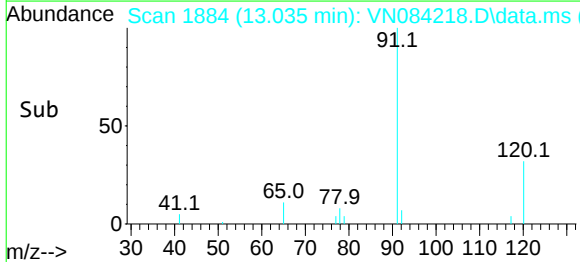
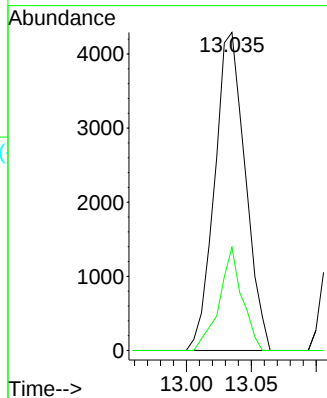
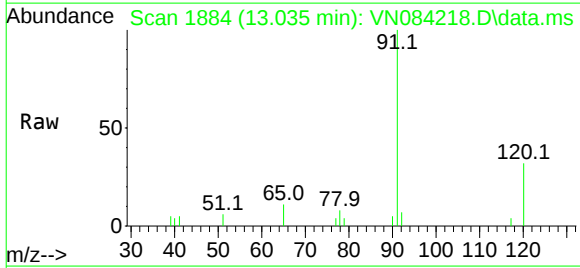
120 24.2 10.8 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#79

2-Chlorotoluene

Concen: 0.936 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN084218.D

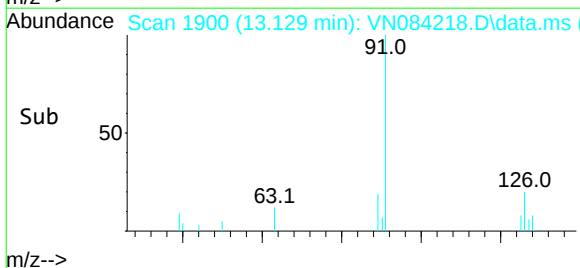
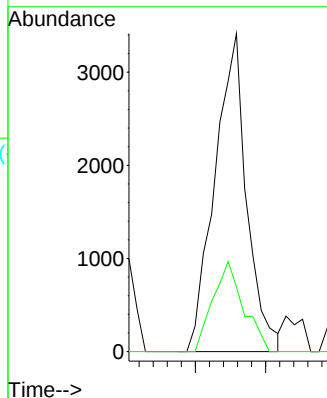
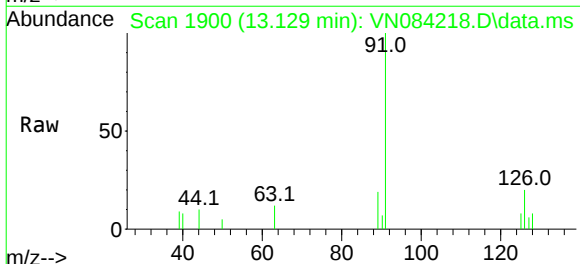
Acq: 30 Sep 2024 14:48

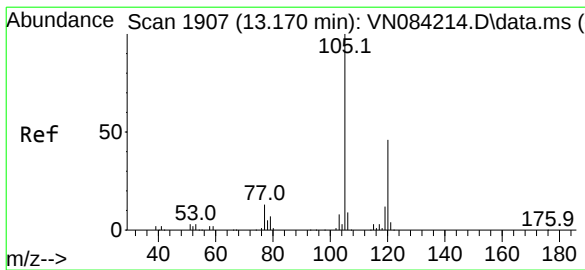
Tgt Ion: 91 Resp: 5383

Ion Ratio Lower Upper

91 100

126 27.2 15.7 47.1





#80

1,3,5-Trimethylbenzene

Concen: 0.761 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 4830

Ion Ratio Lower Upper

105 100

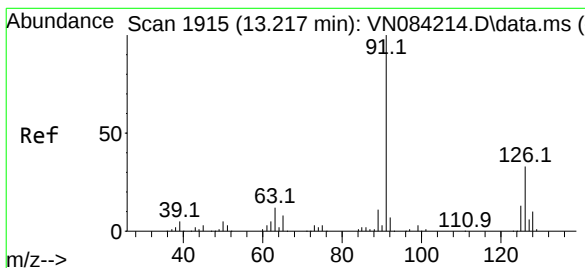
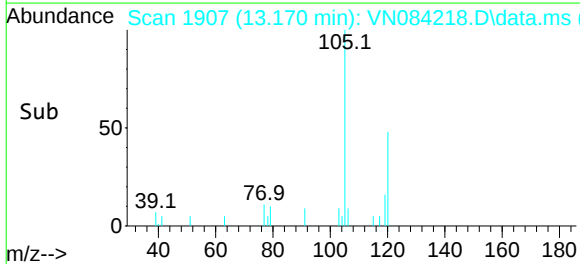
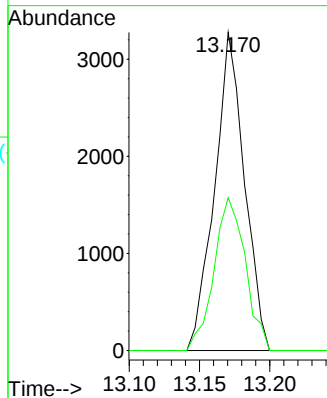
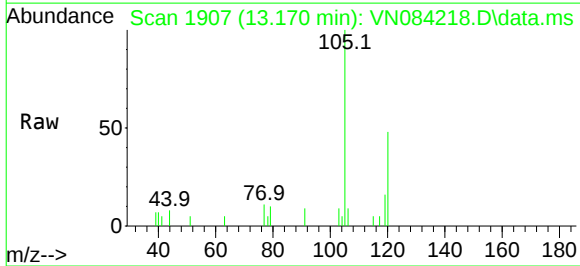
120 50.6 23.7 71.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#82

4-Chlorotoluene

Concen: 0.893 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. 0.006 min

Lab File: VN084218.D

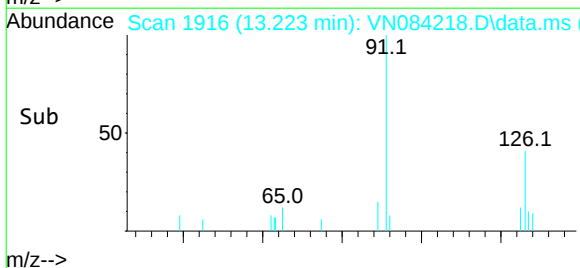
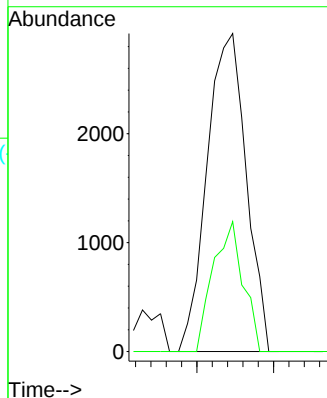
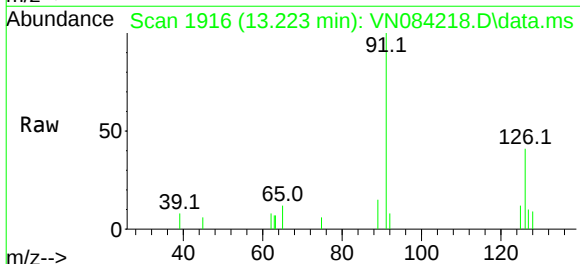
Acq: 30 Sep 2024 14:48

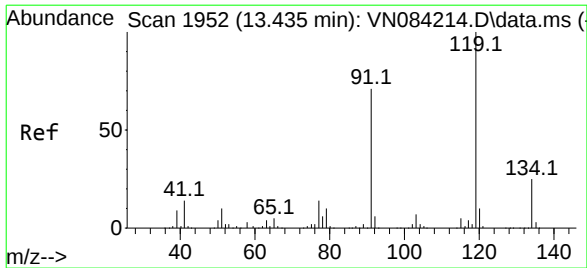
Tgt Ion: 91 Resp: 5174

Ion Ratio Lower Upper

91 100

126 31.3 15.7 47.1





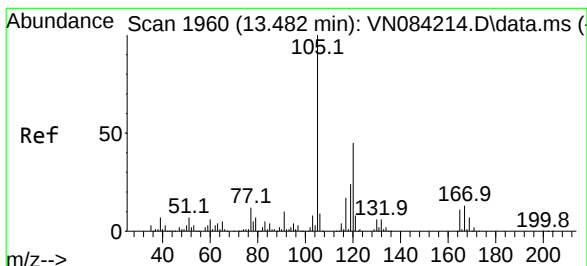
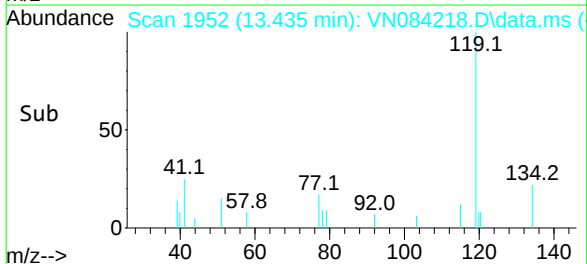
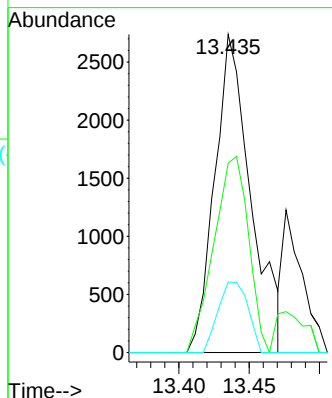
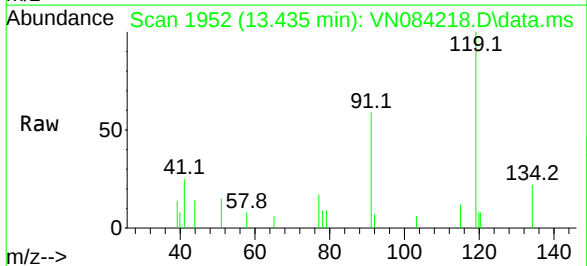
#83
tert-Butylbenzene
Concen: 0.870 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt	Ion	119	Resp:	4909
Ion	Ratio	Lower	Upper	
119	100			
91	59.0	34.1	102.3	
134	18.3	12.8	38.4	

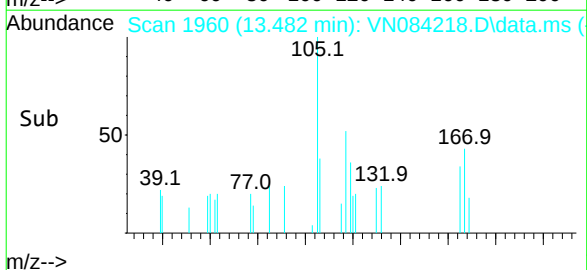
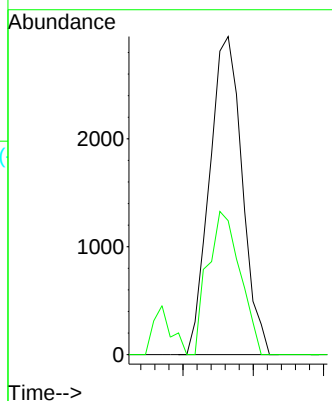
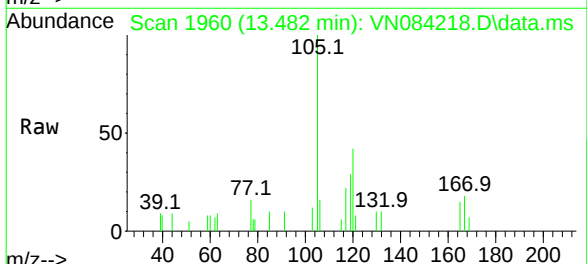
Manual Integrations
APPROVED

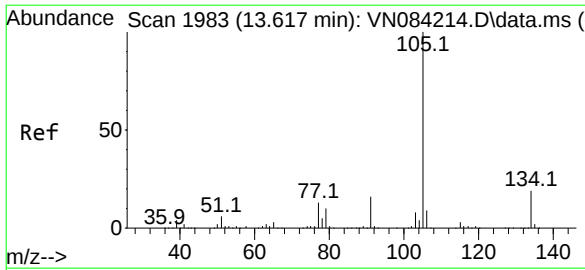
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#84
1,2,4-Trimethylbenzene
Concen: 0.744 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Tgt	Ion	105	Resp:	4760
Ion	Ratio	Lower	Upper	
105	100			
120	44.7	22.3	66.8	





#85

sec-Butylbenzene

Concen: 0.770 ug/l

RT: 13.612 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

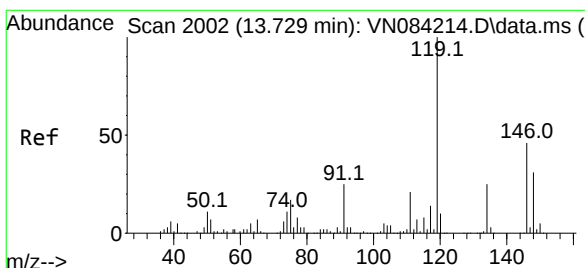
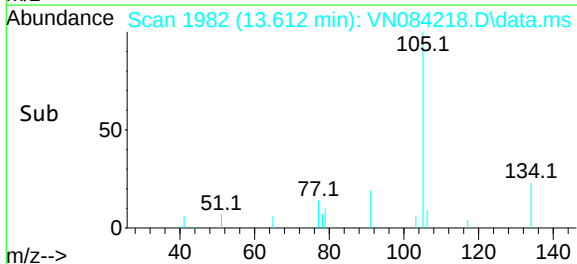
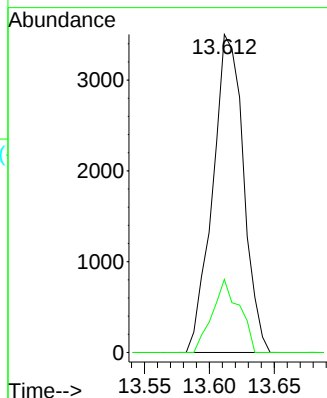
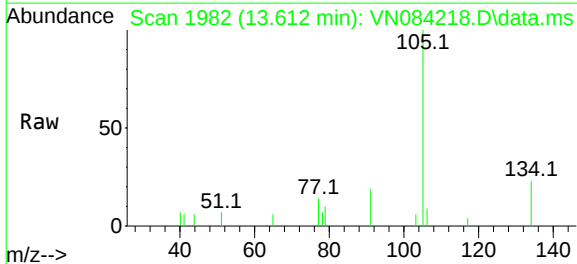
Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.1	9.8	29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#86

p-Isopropyltoluene

Concen: 0.722 ug/l

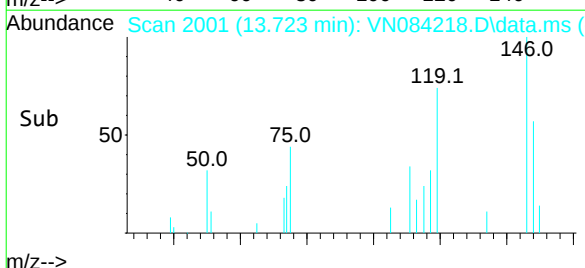
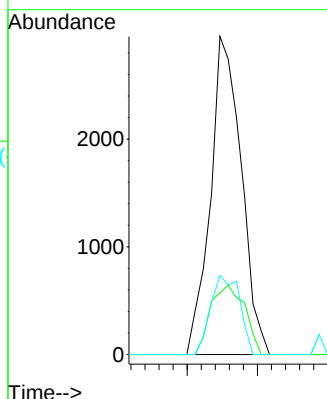
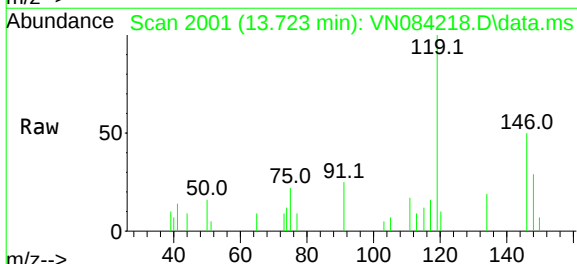
RT: 13.723 min Scan# 2001

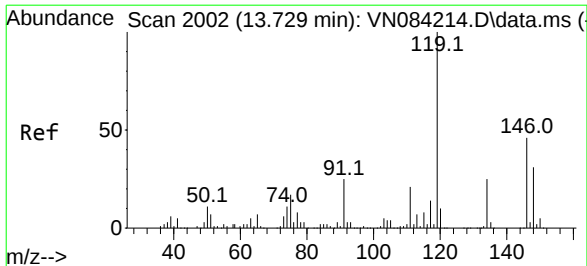
Delta R.T. -0.006 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

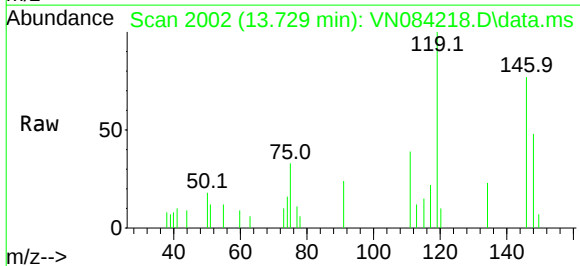
Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.2	12.6	37.8
91	23.4	12.4	37.2





#87
1,3-Dichlorobenzene
Concen: 0.972 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

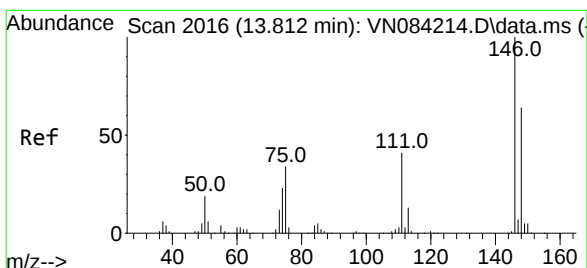
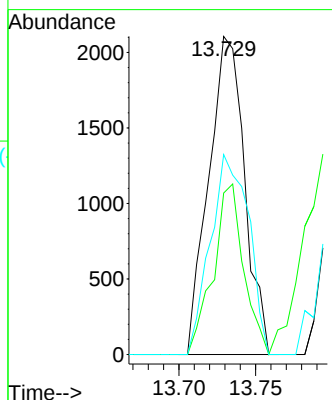
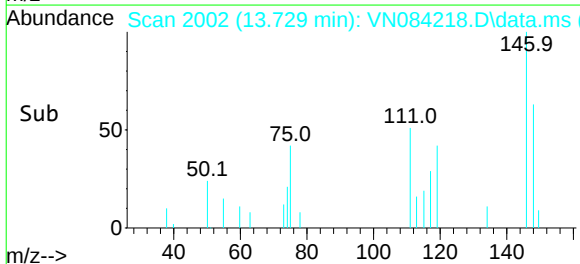
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.5	21.8	65.3
148	67.0	31.9	95.7

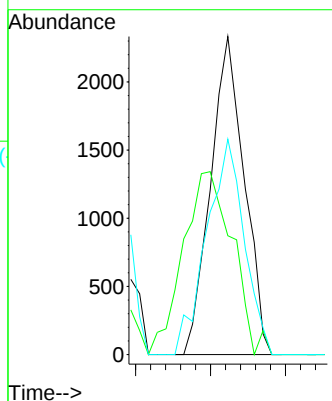
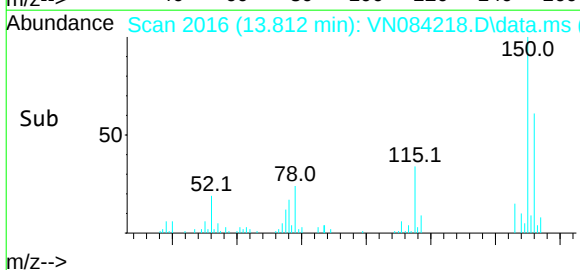
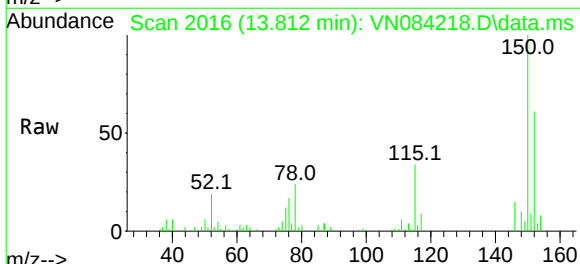
Manual Integrations
APPROVED

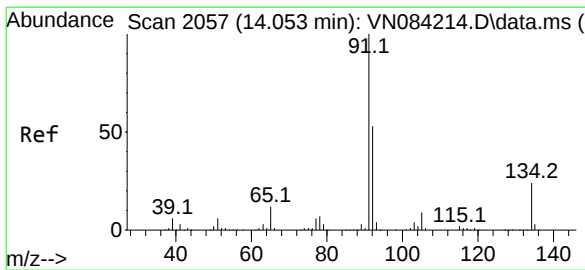
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#88
1,4-Dichlorobenzene
Concen: 1.026 ug/l m
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.2	63.6
148	62.9	31.9	95.9





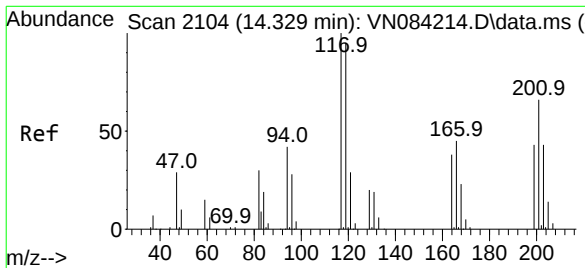
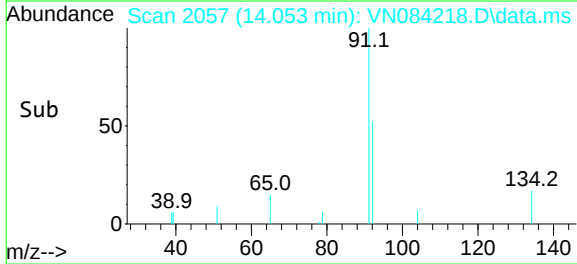
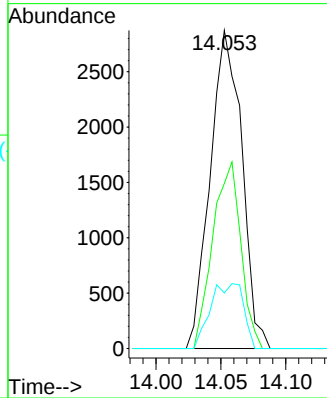
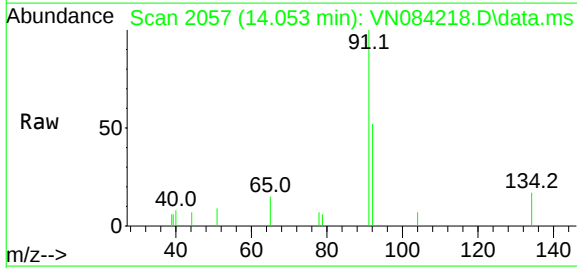
#89
n-Butylbenzene
Concen: 0.862 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:	91	Resp:	4866
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.6	79.7
134	21.4	12.3	36.9

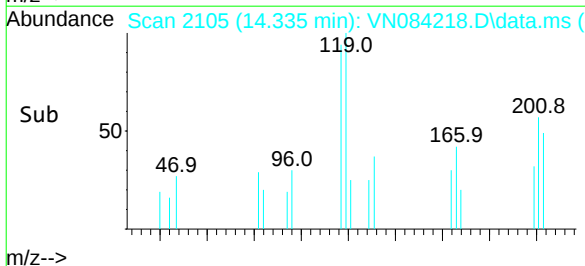
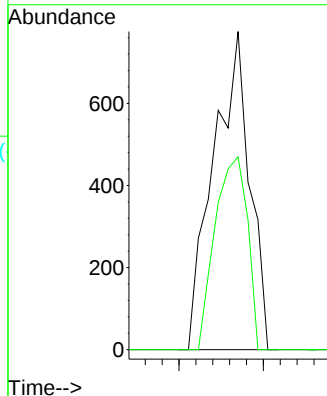
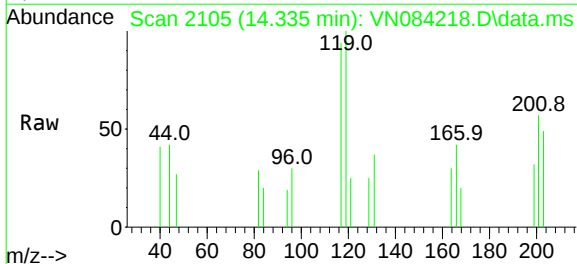
Manual Integrations
APPROVED

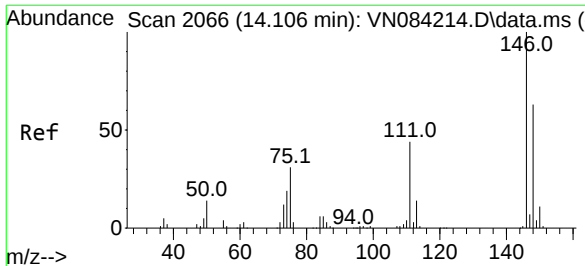
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#90
Hexachloroethane
Concen: 0.911 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Tgt Ion:	117	Resp:	1151
Ion	Ratio	Lower	Upper
117	100		
201	54.3	34.4	103.2





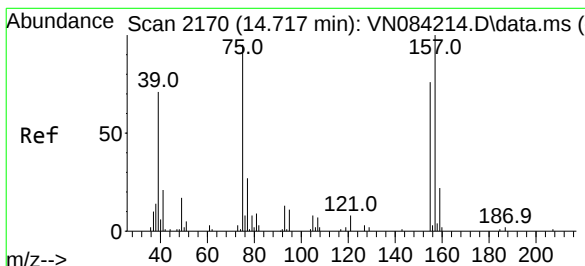
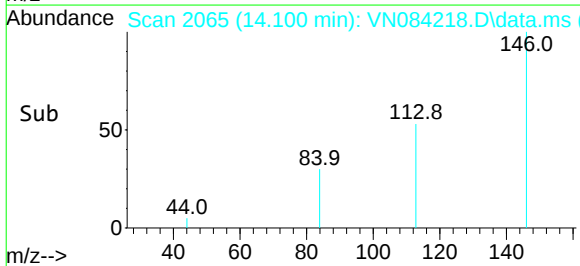
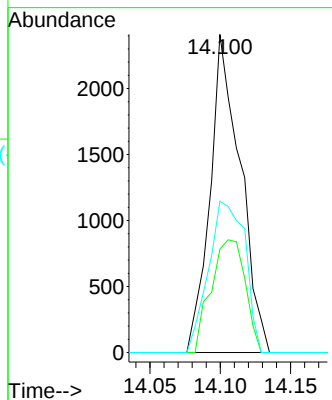
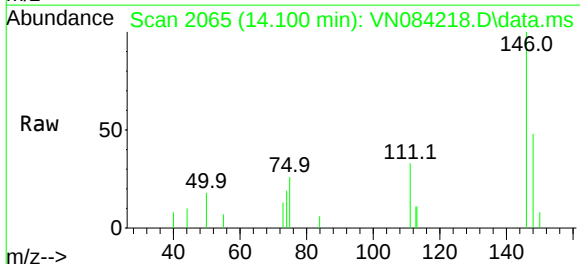
#91
1,2-Dichlorobenzene
Concen: 1.046 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	22.0	66.0
148	57.1	32.1	96.3

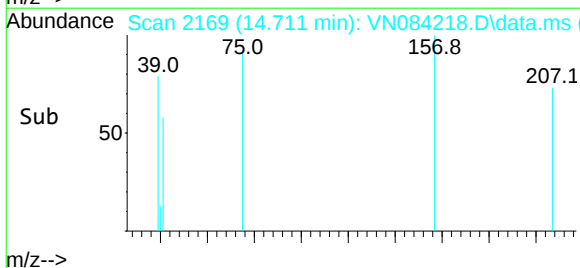
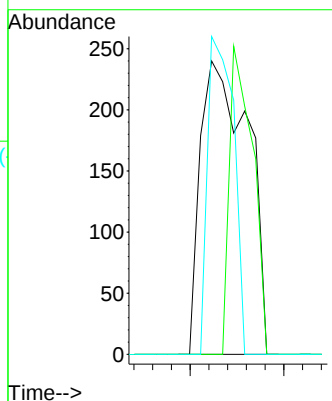
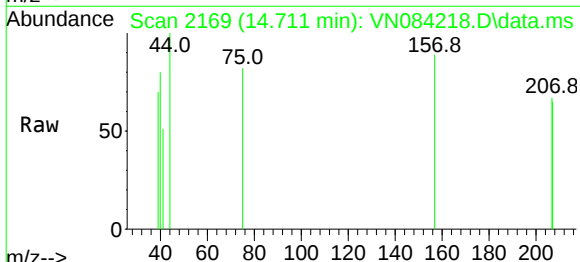
Manual Integrations
APPROVED

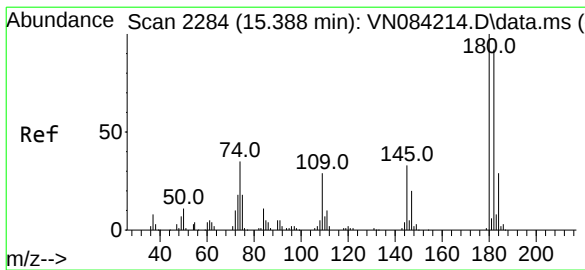
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.876 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

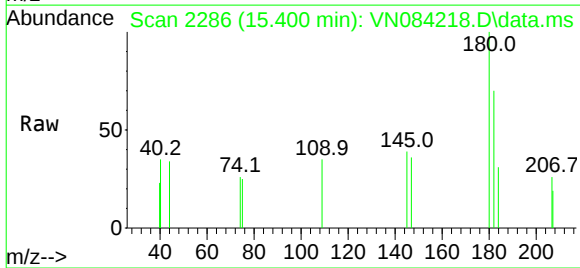
Tgt Ion	Ratio	Lower	Upper
75	100		
155	51.3	38.1	114.5
157	59.1	49.6	149.0





#93
1,2,4-Trichlorobenzene
Concen: 0.788 ug/l
RT: 15.400 min Scan# 2284
Delta R.T. 0.012 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48

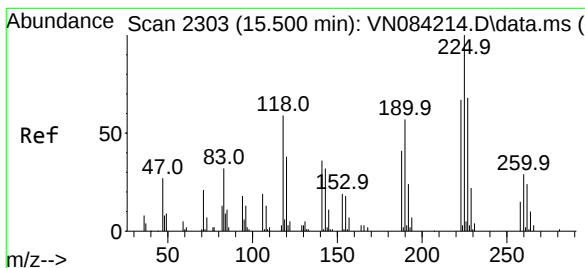
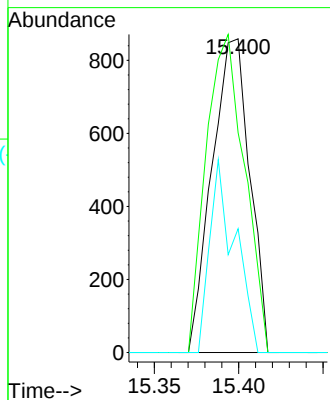
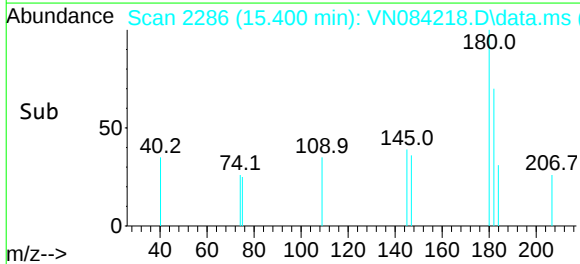
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



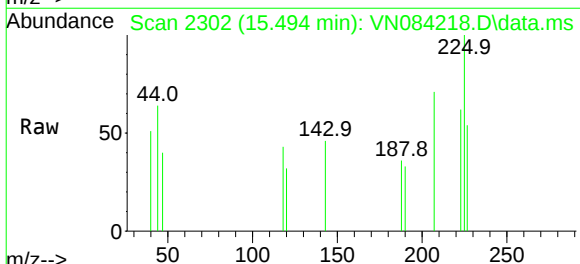
Tgt Ion:180 Resp: 1340
Ion Ratio Lower Upper
180 100
182 103.0 47.0 141.0
145 41.3 16.4 49.4

Manual Integrations
APPROVED

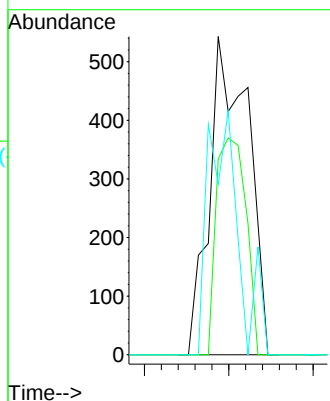
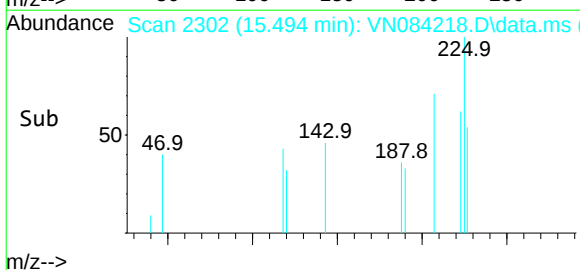
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

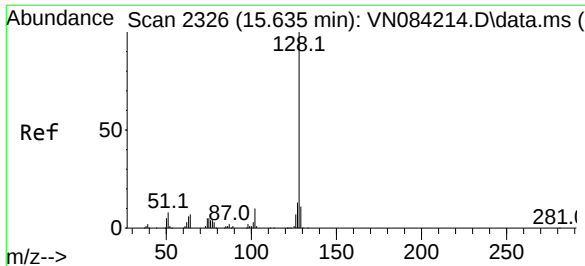


#94
Hexachlorobutadiene
Concen: 1.015 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN084218.D
Acq: 30 Sep 2024 14:48



Tgt Ion:225 Resp: 861
Ion Ratio Lower Upper
225 100
223 52.7 32.4 97.2
227 60.7 32.4 97.0





#95

Naphthalene

Concen: 0.892 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

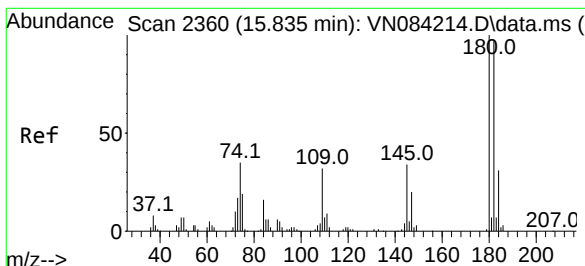
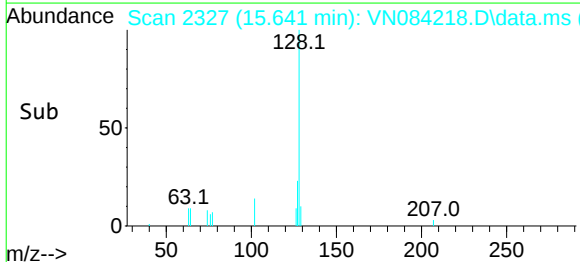
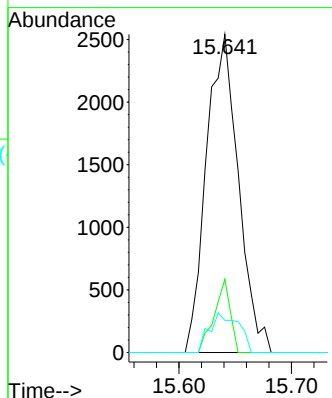
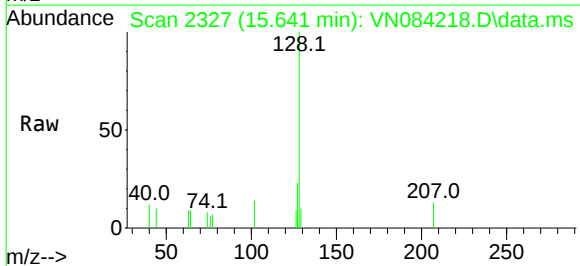
Tgt Ion:	128	Resp:	5031
Ion Ratio	Lower	Upper	
128	100		
127	11.5	10.5	15.7
129	11.3	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 0.899 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.012 min

Lab File: VN084218.D

Acq: 30 Sep 2024 14:48

Tgt Ion:	180	Resp:	1531
Ion Ratio	Lower	Upper	
180	100		
182	101.0	48.2	144.6
145	37.5	17.3	51.9

