

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100323\
 Data File : VW032215.D
 Acq On : 03 Oct 2023 14:53
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 04:07:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 04 04:04:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	178275	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	176443	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	93135	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	63410	57.475	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 114.960%	
7) Chloroethane-d5	1.529	69	57682	60.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 121.240%	
11) 1,1-Dichloroethene-d2	2.056	65	25909	53.781	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.560%	
21) 2-Butanone-d5	3.783	46	107005	107.867	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 107.870%	
24) Chloroform-d	4.249	84	128843	55.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.620%	
26) 1,2-Dichloroethane-d4	4.940	65	80881	58.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 116.460%	
32) Benzene-d6	4.960	84	253208	54.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.180%	
36) 1,2-Dichloropropane-d6	5.989	67	85382	55.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.320%	
41) Toluene-d8	7.243	98	222945	52.687	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.380%	
43) trans-1,3-Dichloroprop...	7.554	79	39038	53.016	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.040%	
47) 2-Hexanone-d5	8.024	63	68054	101.814	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 101.810%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	118107	53.649	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 107.300%	
66) 1,2-Dichlorobenzene-d4	11.564	152	86914	51.460	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	56840	37.652	ug/L	97
3) Chloromethane	1.214	50	84946	51.891	ug/L	97
5) Vinyl chloride	1.281	62	73459	45.558	ug/L	98
6) Bromomethane	1.481	94	52848	57.764	ug/L	99
8) Chloroethane	1.545	64	52075	51.881	ug/L	98
9) Trichlorofluoromethane	1.712	101	86994	42.035	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	53666	43.004	ug/L	99
12) 1,1-Dichloroethene	2.069	96	53649	46.463	ug/L	98
13) Acetone	2.111	43	89199	96.116	ug/L	100
14) Carbon disulfide	2.240	76	162720	44.035	ug/L	100
15) Methyl Acetate	2.371	43	95508	57.685	ug/L	99
16) Methylene chloride	2.445	84	79352	54.431	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	63012	48.411	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	247440	56.821	ug/L	99
19) 1,1-Dichloroethane	3.111	63	136742	53.579	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	77546	52.912	ug/L	99
22) 2-Butanone	3.863	43	122826	98.582	ug/L	100
23) Bromochloromethane	4.146	128	41444	56.460	ug/L	97
25) Chloroform	4.275	83	135378	54.340	ug/L	99

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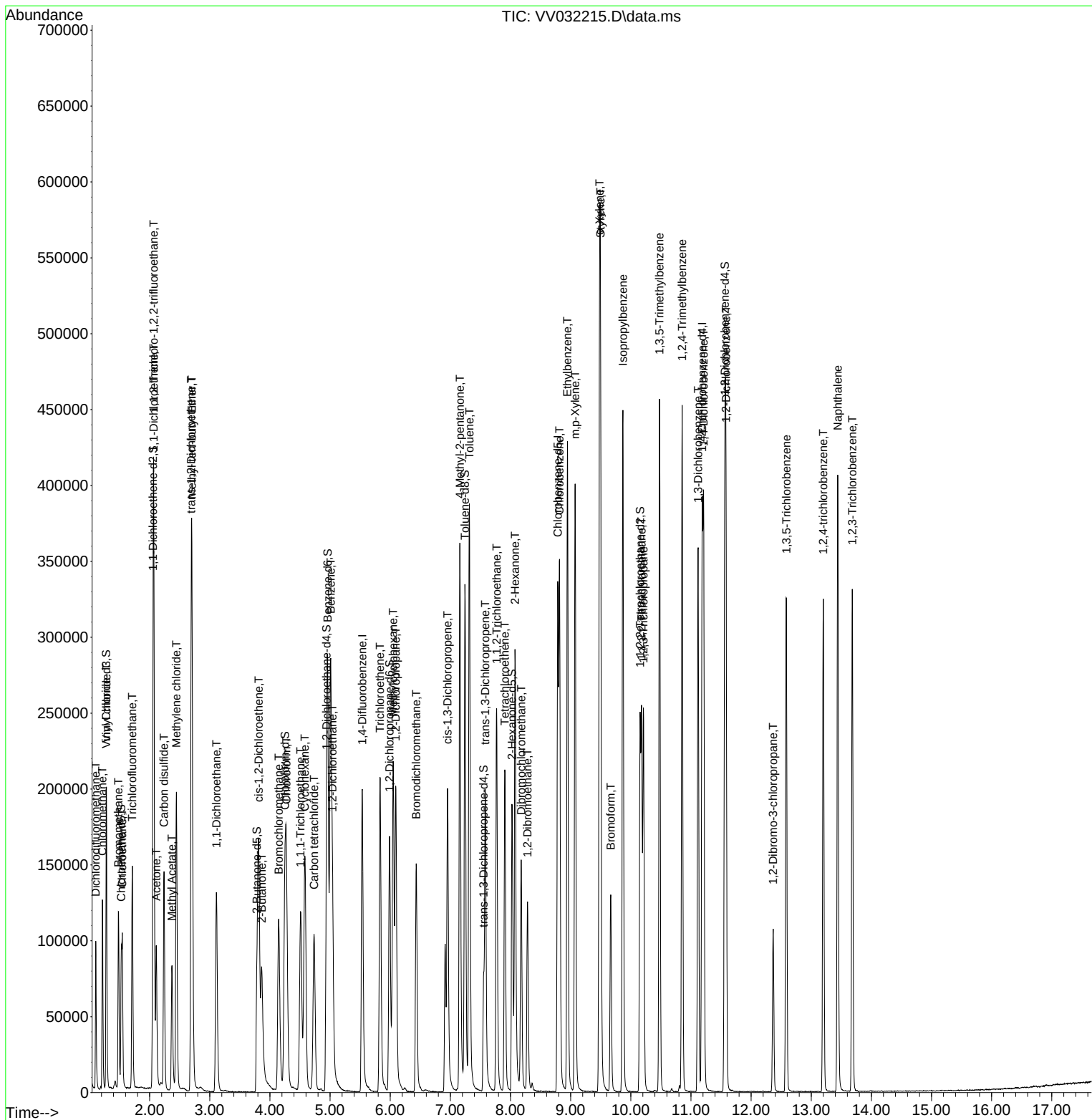
Instrument :
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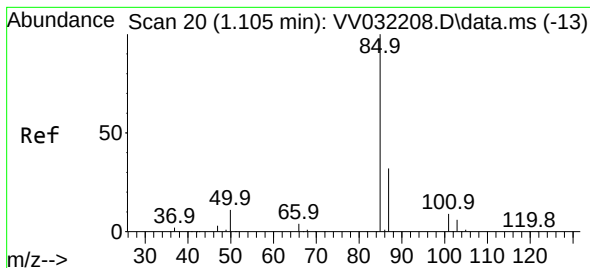
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 Quant Title : VOC Analysis
 QLast Update : Wed Oct 04 04:04:33 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	104802	55.657	ug/L	100
29) Cyclohexane	4.580	56	88980	36.124	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	100915	45.867	ug/L	99
31) Carbon tetrachloride	4.735	117	80897	42.575	ug/L	99
33) Benzene	5.011	78	284972	50.632	ug/L	100
34) Trichloroethene	5.831	95	74292	47.945	ug/L	98
35) Methylcyclohexane	6.050	83	92086	37.170	ug/L	98
37) 1,2-Dichloropropane	6.091	63	79455	51.449	ug/L	100
38) Bromodichloromethane	6.432	83	104416	53.786	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	126306	51.572	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	252342	109.633	ug/L	100
42) Toluene	7.317	91	288733	48.050	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	116162	51.792	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	80657	54.752	ug/L	98
46) Tetrachloroethene	7.905	164	47832	42.479	ug/L	99
48) 2-Hexanone	8.075	43	191160	106.315	ug/L	98
49) Dibromochloromethane	8.178	129	78401	53.527	ug/L	100
50) 1,2-Dibromoethane	8.284	107	85566	54.549	ug/L	98
51) Chlorobenzene	8.815	112	185059	47.731	ug/L	99
52) Ethylbenzene	8.947	91	299755	44.659	ug/L	99
53) m,p-Xylene	9.075	106	112902	45.146	ug/L	100
54) o-Xylene	9.480	106	114419	46.444	ug/L	98
55) Styrene	9.496	104	206590	49.153	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	120558	52.521	ug/L	100
59) Bromoform	9.667	173	57952	55.997	ug/L	99
60) Isopropylbenzene	9.869	105	285951	44.113	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	100400	55.456	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	236139	44.339	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	236125	45.075	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	140792	46.458	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	144087	47.068	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	145407	48.781	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	25819	51.650	ug/L	97
69) 1,3,5-Trichlorobenzene	12.586	180	97796	44.567	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	93681	45.395	ug/L	99
71) Naphthalene	13.442	128	306269	45.053	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	96894	47.255	ug/L	99

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

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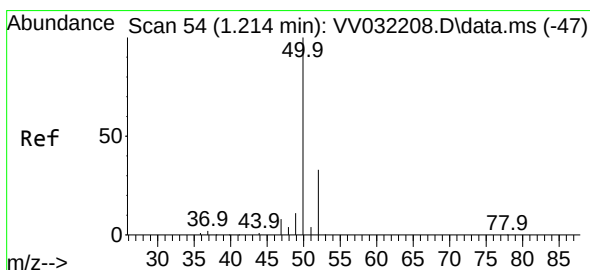
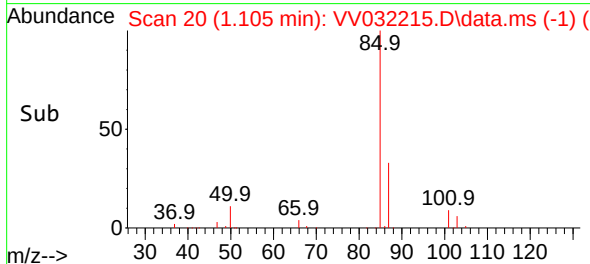
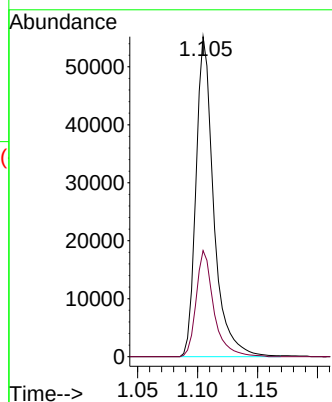
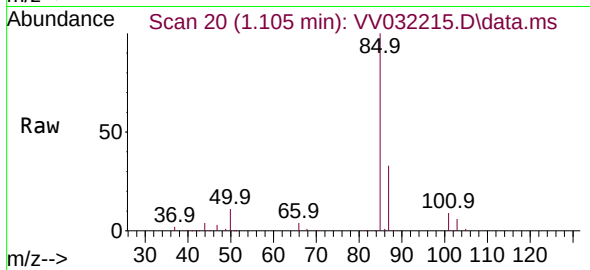




#2
Dichlorodifluoromethane
Concen: 37.652 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

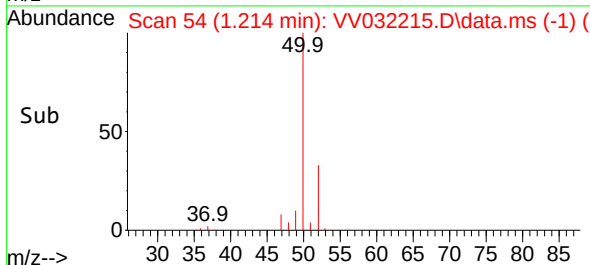
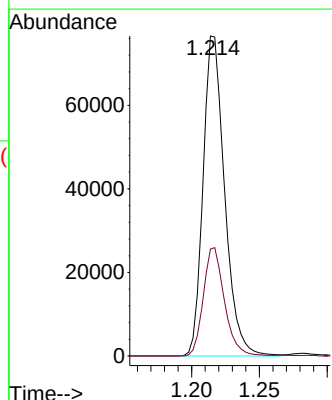
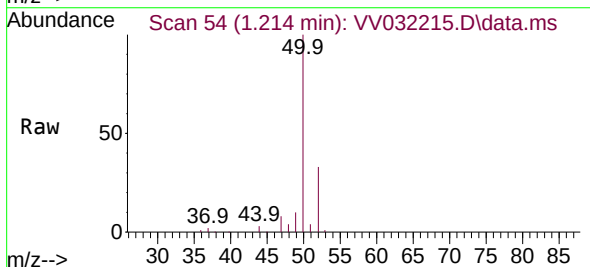
Instrument :
MSVOA_V
ClientSampleId :

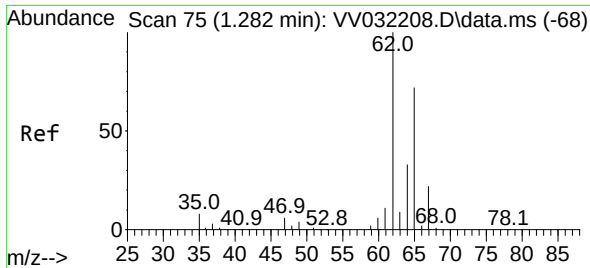
Tgt Ion: 85 Resp: 56840
Ion Ratio Lower Upper
85 100
87 33.1 25.4 38.0



#3
Chloromethane
Concen: 51.891 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 50 Resp: 84946
Ion Ratio Lower Upper
50 100
52 33.4 22.4 41.6

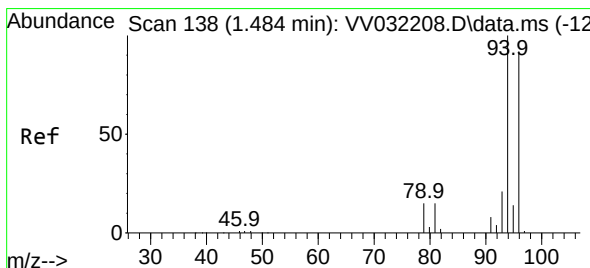
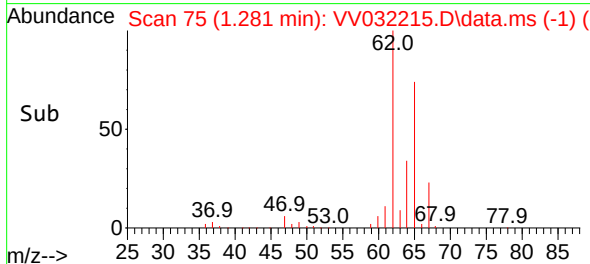
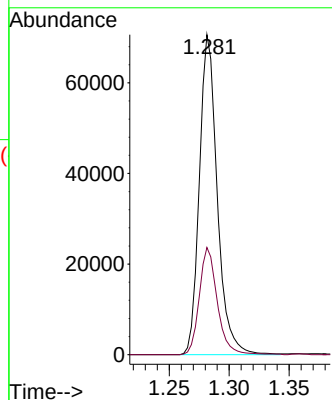
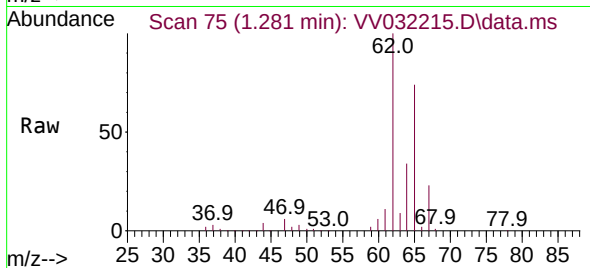




#5
 Vinyl chloride
 Concen: 45.558 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV032215.D
 Acq: 03 Oct 2023 14:53

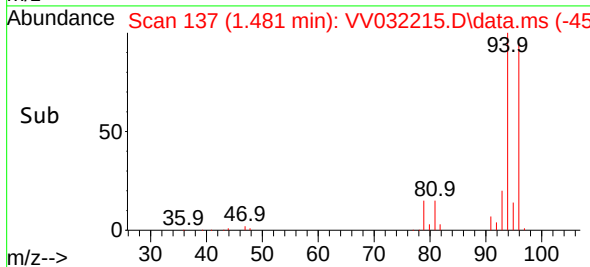
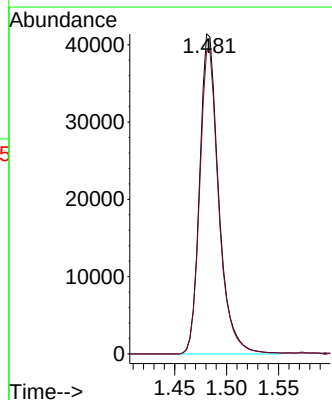
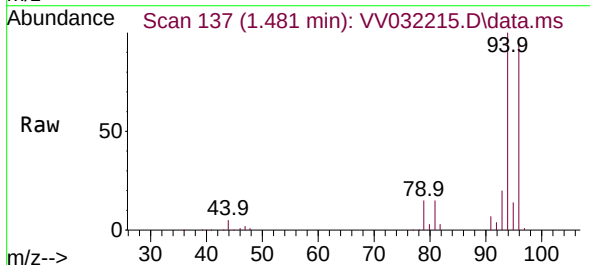
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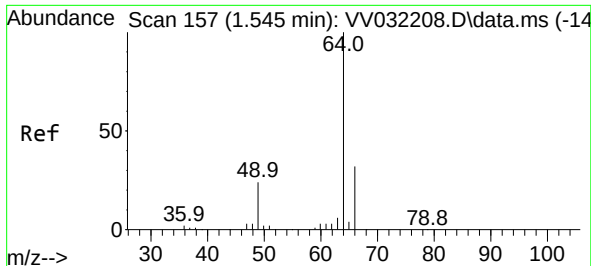
Tgt Ion: 62 Resp: 73459
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.5 41.9



#6
 Bromomethane
 Concen: 57.764 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV032215.D
 Acq: 03 Oct 2023 14:53

Tgt Ion: 94 Resp: 52848
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.7 122.1

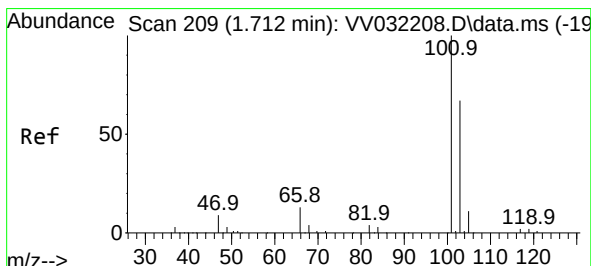
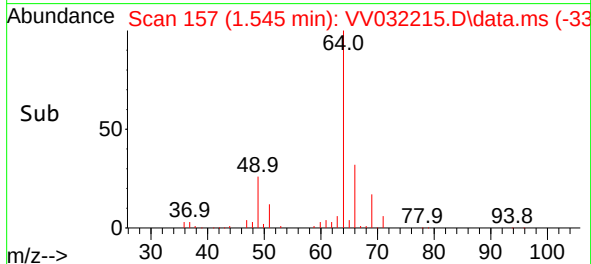
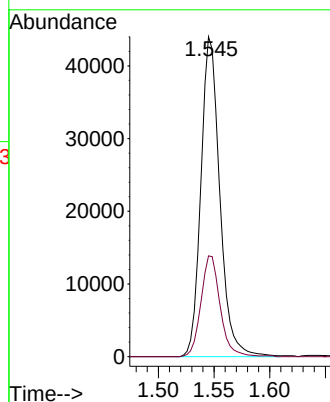
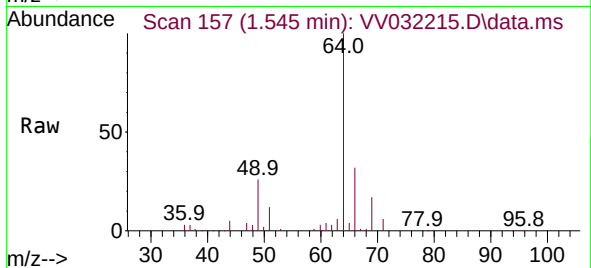




#8
Chloroethane
Concen: 51.881 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

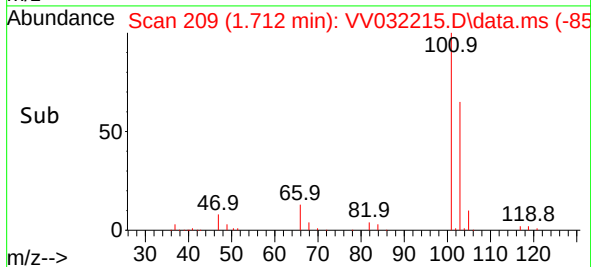
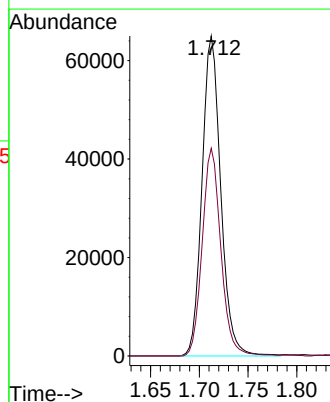
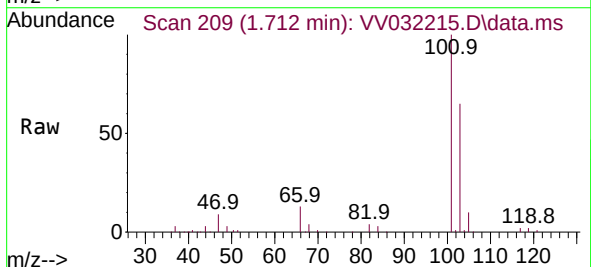
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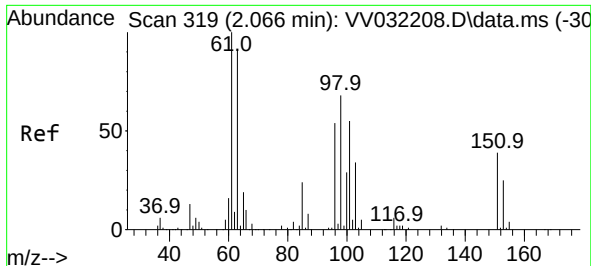
Tgt Ion: 64 Resp: 52075
Ion Ratio Lower Upper
64 100
66 31.5 23.0 42.6



#9
Trichlorofluoromethane
Concen: 42.035 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Tgt Ion:101 Resp: 86994
Ion Ratio Lower Upper
101 100
103 64.4 52.1 78.1

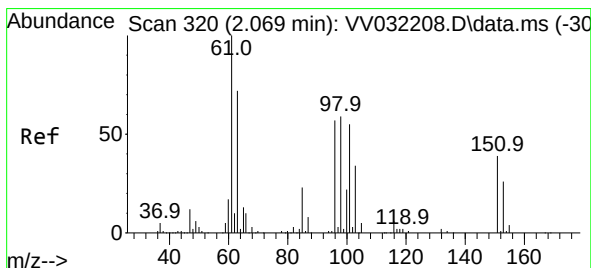
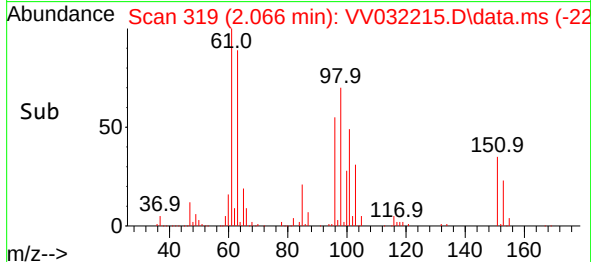
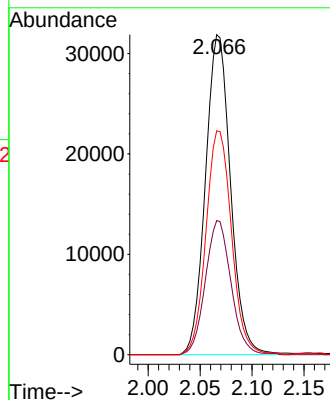
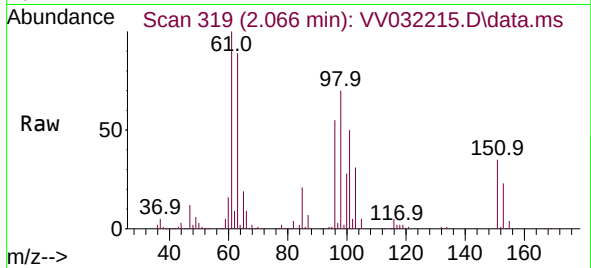




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.004 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV032215.D
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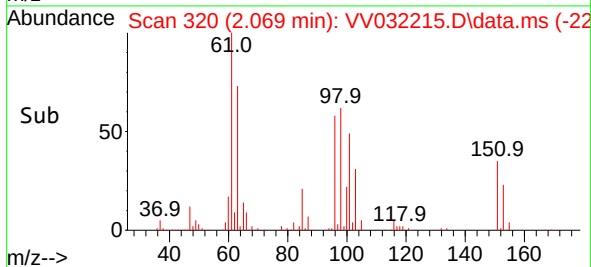
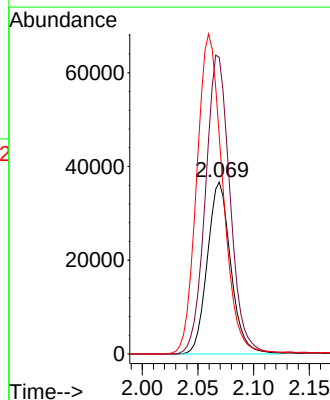
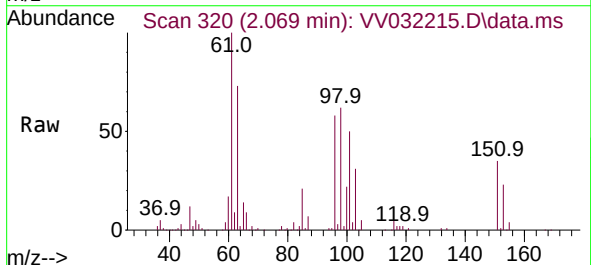
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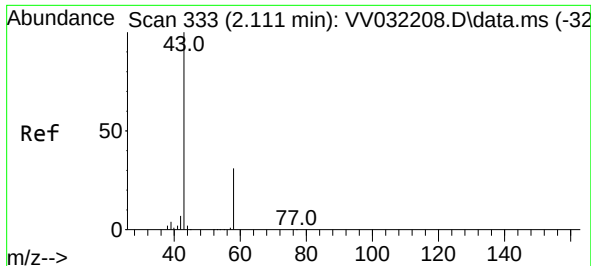
Tgt Ion:101 Resp: 53666
 Ion Ratio Lower Upper
 101 100
 85 42.8 35.4 53.2
 151 71.2 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 46.463 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV032215.D
 Acq: 03 Oct 2023 14:53

Tgt Ion: 96 Resp: 53649
 Ion Ratio Lower Upper
 96 100
 61 172.6 123.7 229.7
 63 126.8 89.9 167.0





#13

Acetone

Concen: 96.116 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032215.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_V

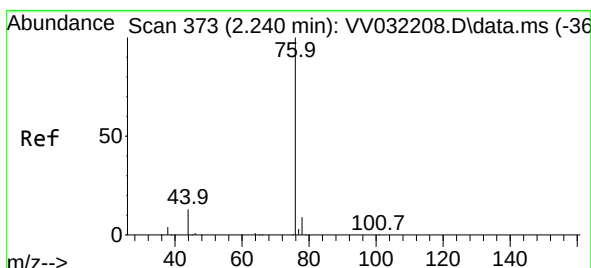
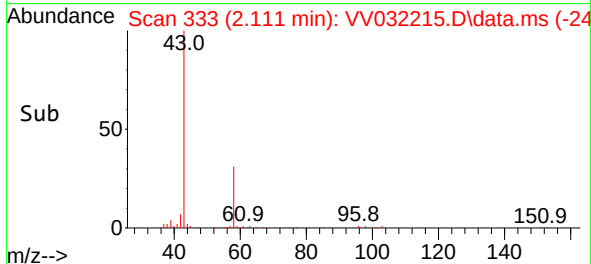
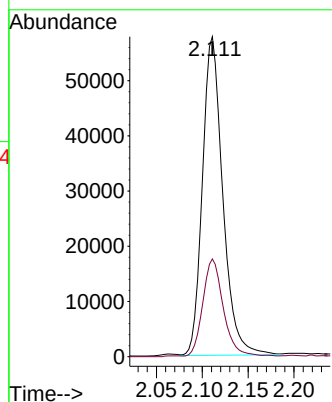
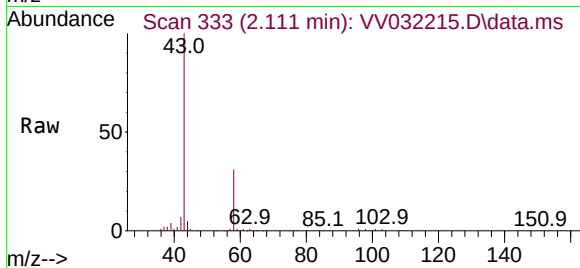
ClientSampleId :

Tgt Ion: 43 Resp: 89199

Ion Ratio Lower Upper

43 100

58 30.5 0.0 61.4



#14

Carbon disulfide

Concen: 44.035 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV032215.D

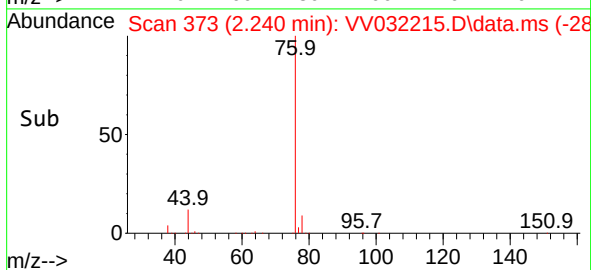
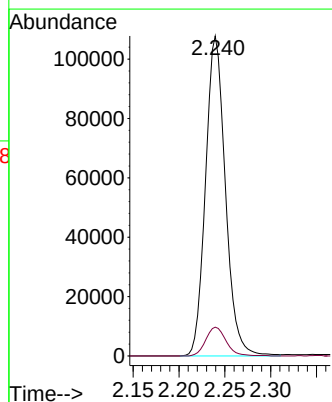
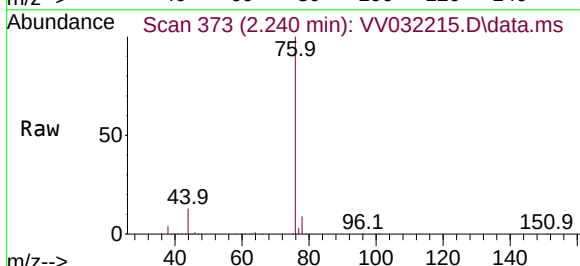
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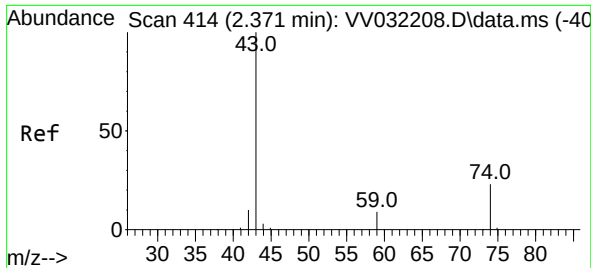
Tgt Ion: 76 Resp: 162720

Ion Ratio Lower Upper

76 100

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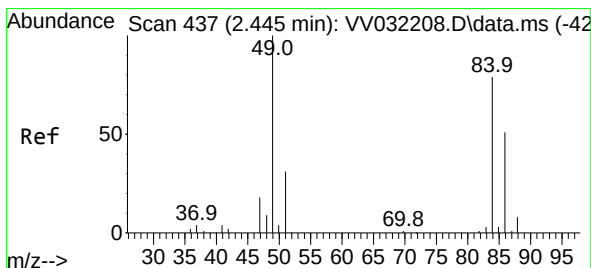
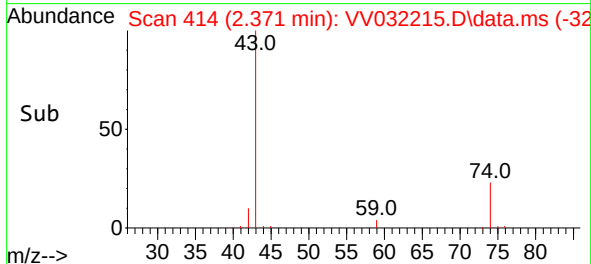
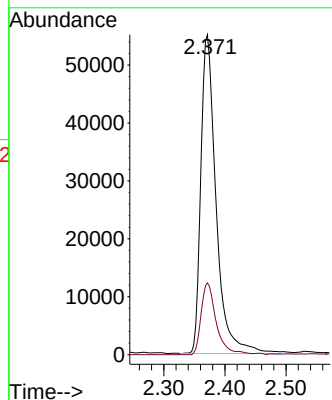
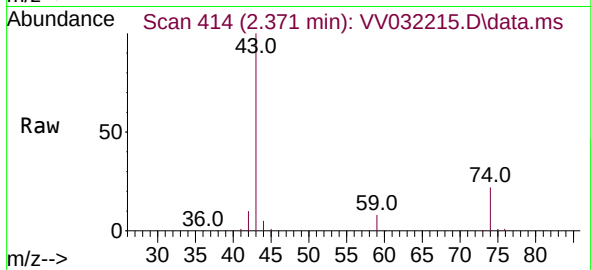




#15
Methyl Acetate
Concen: 57.685 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

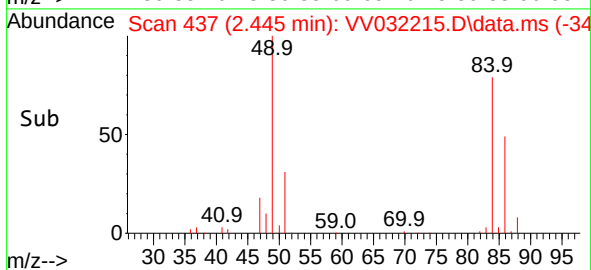
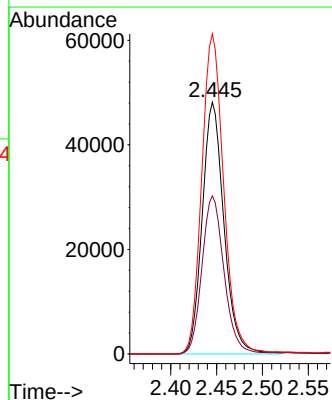
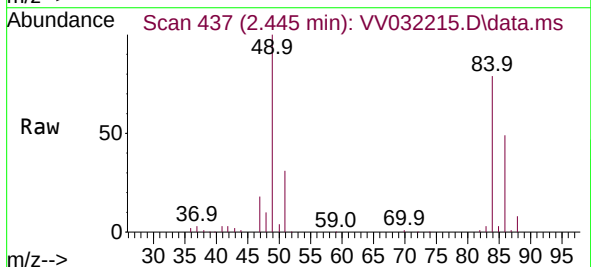
Instrument :
MSVOA_V
ClientSampleId :

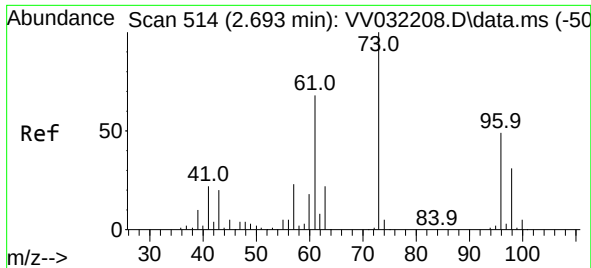
Tgt Ion: 43 Resp: 95508
Ion Ratio Lower Upper
43 100
74 21.6 17.8 26.8



#16
Methylene chloride
Concen: 54.431 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 84 Resp: 79352
Ion Ratio Lower Upper
84 100
86 62.8 45.4 84.4
49 127.0 88.5 164.4



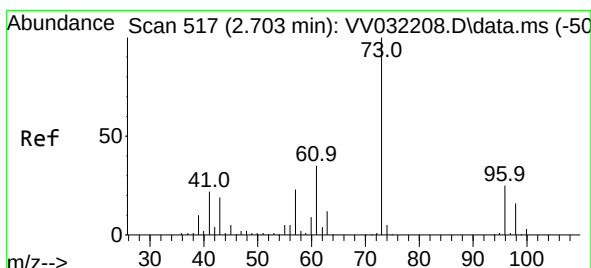
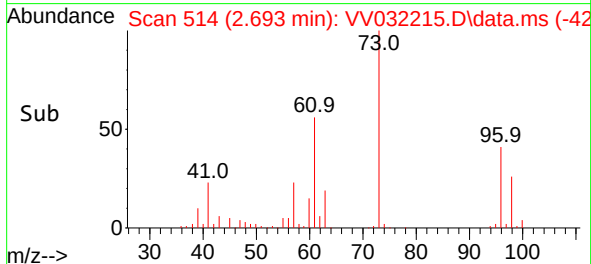
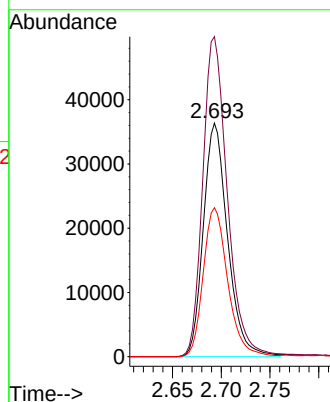
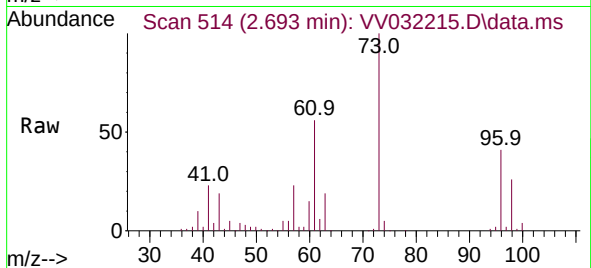


#17
 trans-1,2-Dichloroethene
 Concen: 48.411 ug/L
 RT: 2.693 min Scan# 514
 Delta R.T. -0.000 min
 Lab File: VV032215.D
 Acq: 03 Oct 2023 14:53

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 96 Resp: 63012

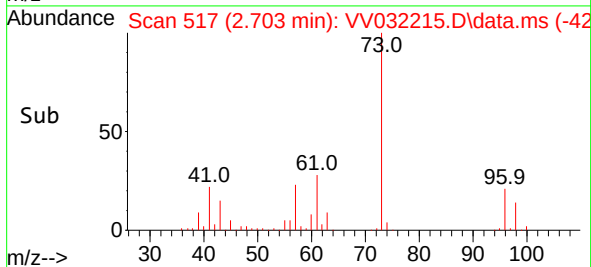
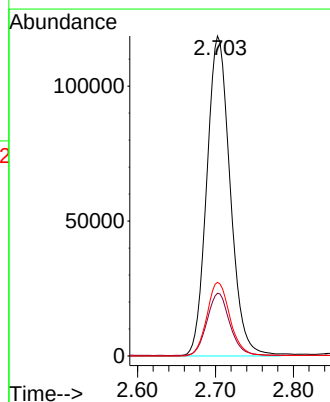
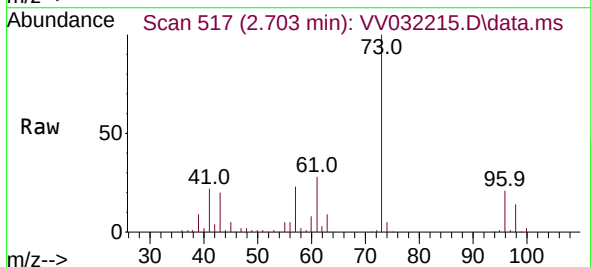
Ion	Ratio	Lower	Upper
96	100		
61	137.0	97.4	180.8
98	63.8	45.2	84.0

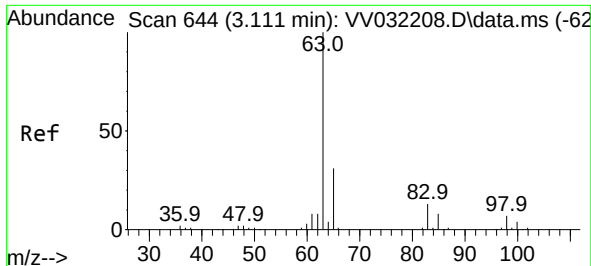


#18
 Methyl tert-butyl Ether
 Concen: 56.821 ug/L
 RT: 2.703 min Scan# 517
 Delta R.T. -0.000 min
 Lab File: VV032215.D
 Acq: 03 Oct 2023 14:53

Tgt Ion: 73 Resp: 247440

Ion	Ratio	Lower	Upper
73	100		
43	18.9	15.3	22.9
57	22.8	18.6	28.0

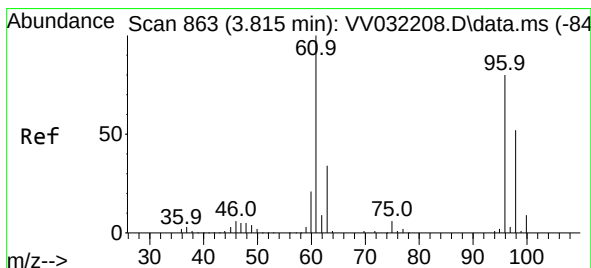
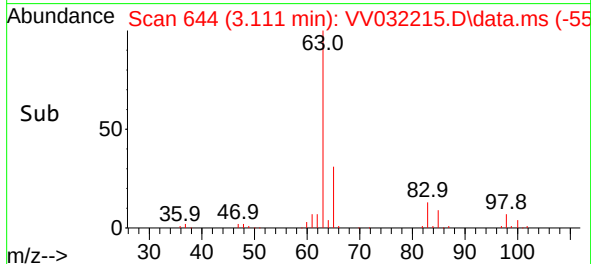
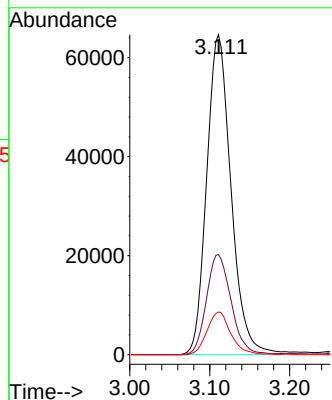
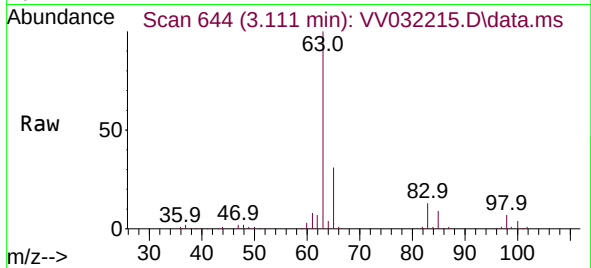




#19
1,1-Dichloroethane
Concen: 53.579 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

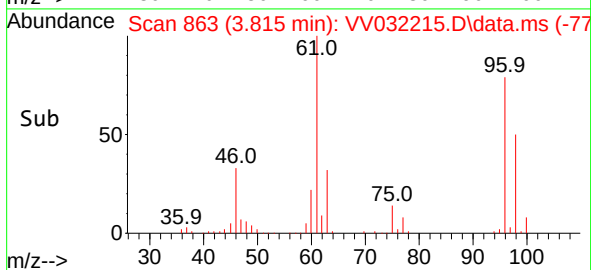
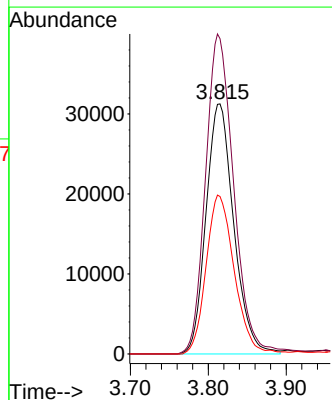
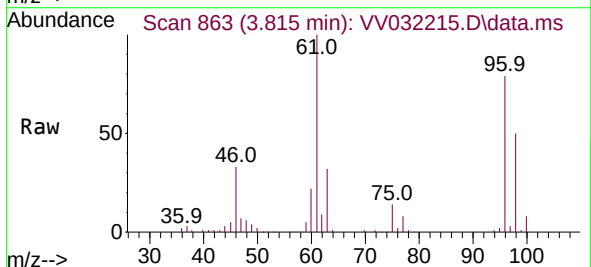
Instrument :
MSVOA_V
ClientSampleId :

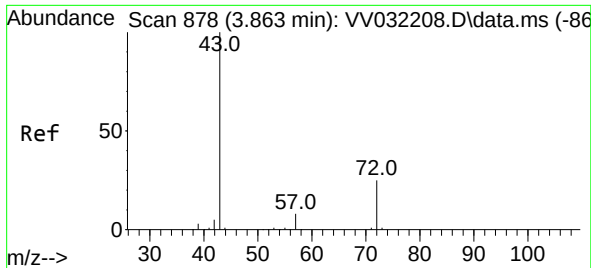
Tgt Ion: 63 Resp: 136742
Ion Ratio Lower Upper
63 100
65 31.3 22.7 42.3
83 13.4 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 52.912 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 96 Resp: 77546
Ion Ratio Lower Upper
96 100
61 126.0 88.3 164.1
98 62.9 43.3 80.3

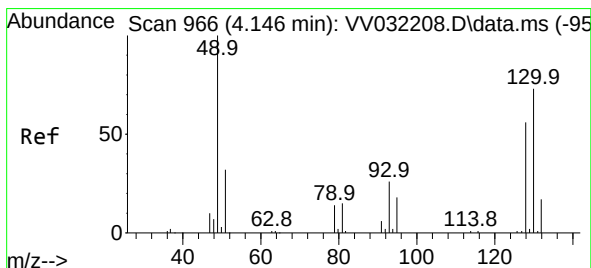
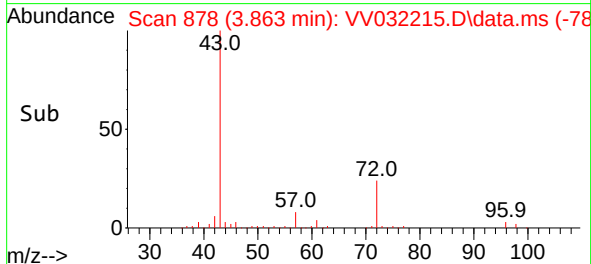
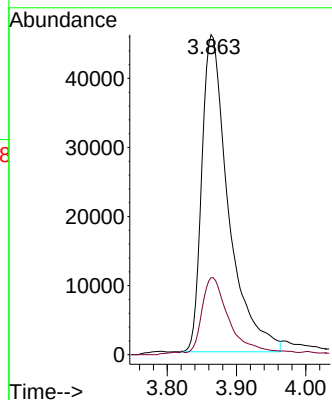
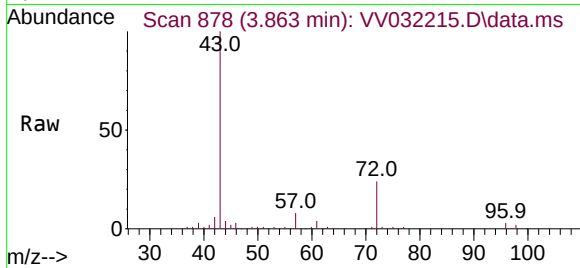




#22
2-Butanone
Concen: 98.582 ug/L
RT: 3.863 min Scan# 878
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

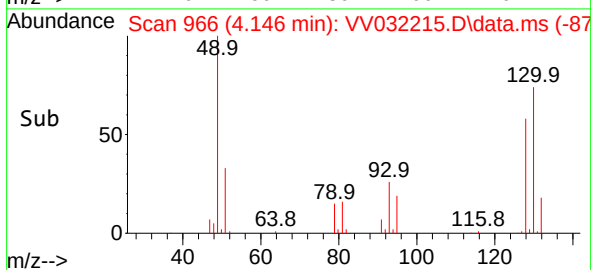
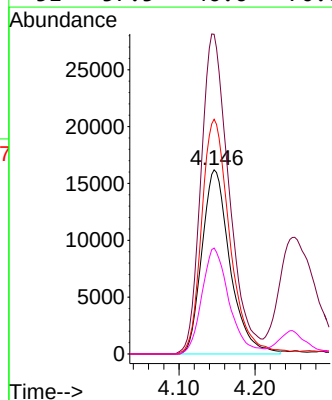
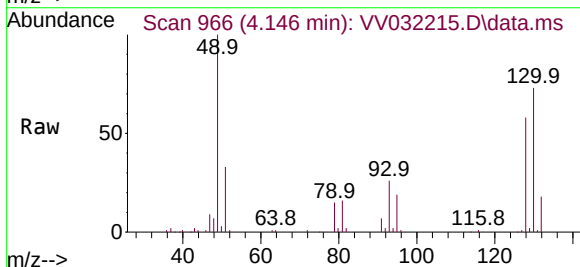
Instrument :
MSVOA_V
ClientSampleId :

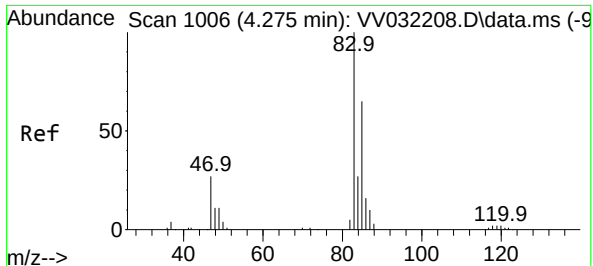
Tgt Ion: 43 Resp: 122826
Ion Ratio Lower Upper
43 100
72 23.8 12.0 36.0



#23
Bromochloromethane
Concen: 56.460 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 128 Resp: 41444
Ion Ratio Lower Upper
128 100
49 173.5 125.0 232.2
130 127.4 92.3 171.5
51 57.5 46.6 70.0





#25

Chloroform

Concen: 54.340 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV032215.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_V

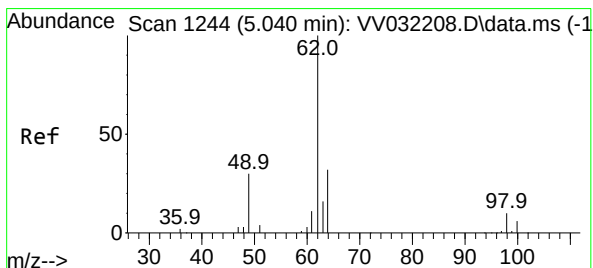
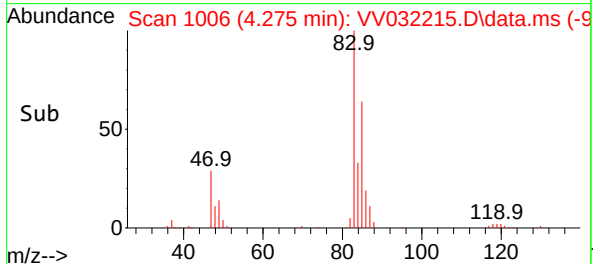
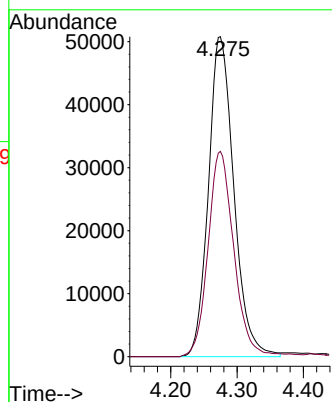
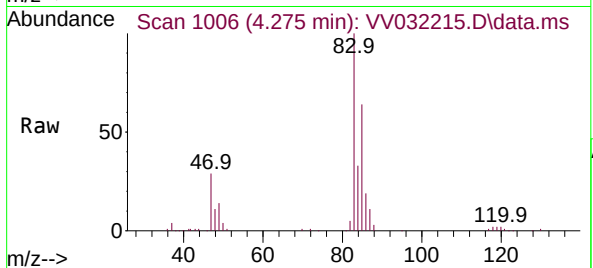
ClientSampleId :

Tgt Ion: 83 Resp: 135378

Ion Ratio Lower Upper

83 100

85 64.2 45.6 84.6



#27

1,2-Dichloroethane

Concen: 55.657 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.000 min

Lab File: VV032215.D

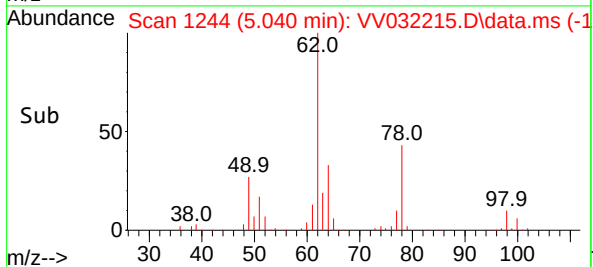
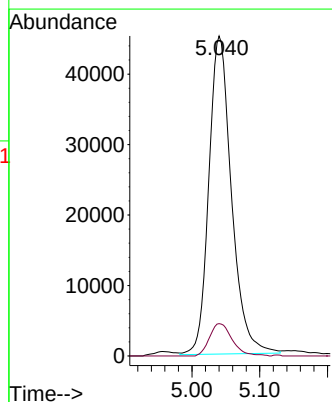
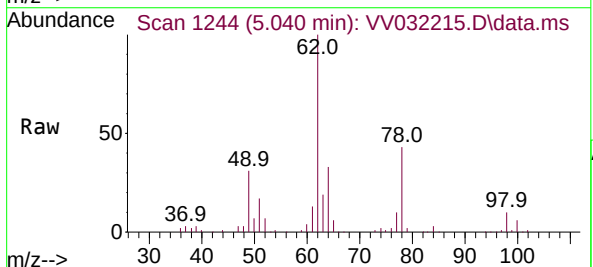
Acq: 03 Oct 2023 14:53

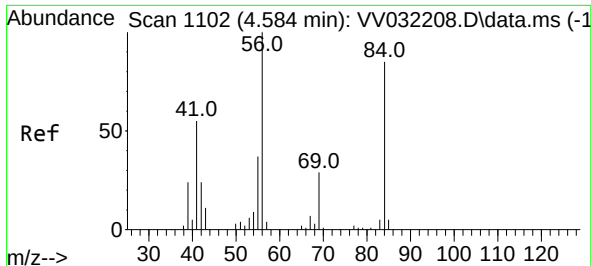
Tgt Ion: 62 Resp: 104802

Ion Ratio Lower Upper

62 100

98 10.1 8.1 12.1





#29

Cyclohexane

Concen: 36.124 ug/L

RT: 4.580 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV032215.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_V

ClientSampleId :

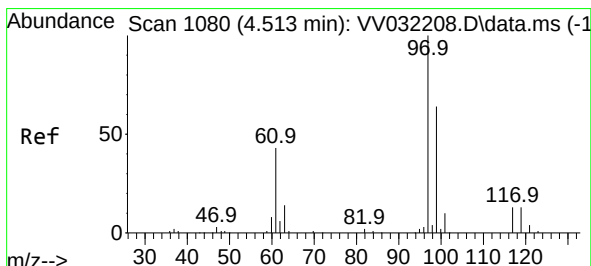
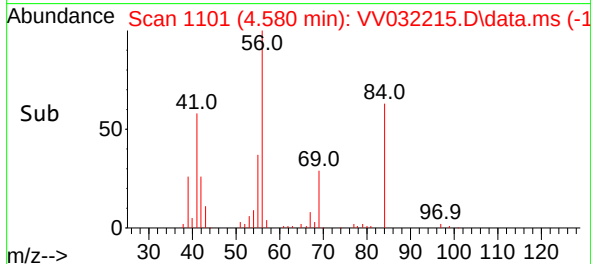
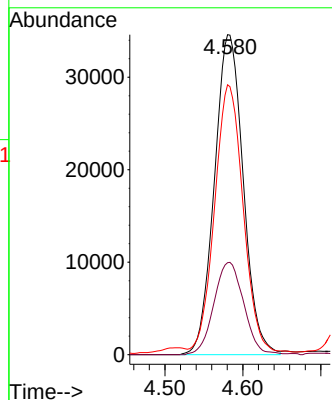
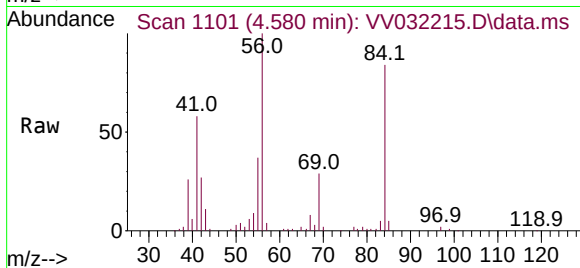
Tgt Ion: 56 Resp: 88980

Ion Ratio Lower Upper

56 100

69 29.8 23.3 34.9

84 81.8 66.2 99.2



#30

1,1,1-Trichloroethane

Concen: 45.867 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV032215.D

Acq: 03 Oct 2023 14:53

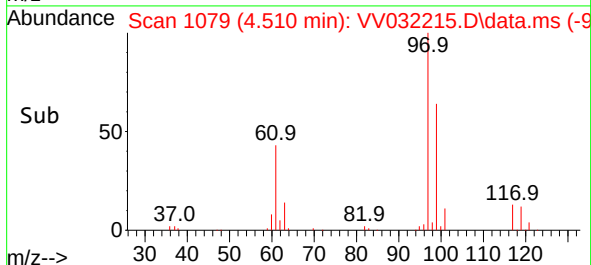
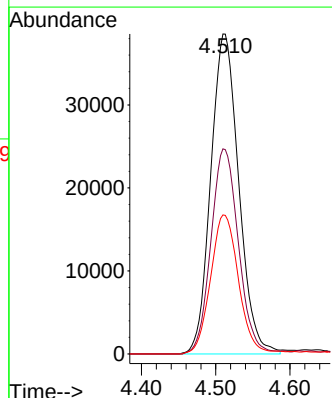
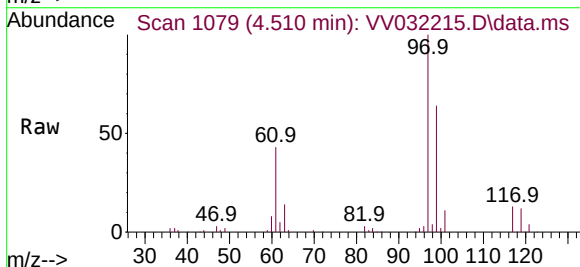
Tgt Ion: 97 Resp: 100915

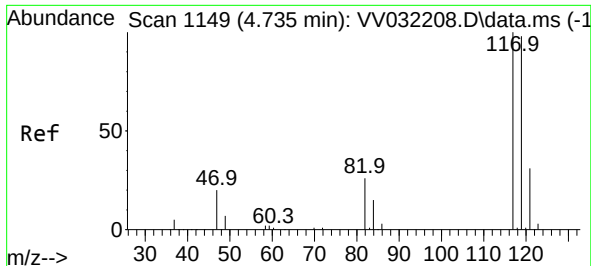
Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

61 43.3 35.0 52.6

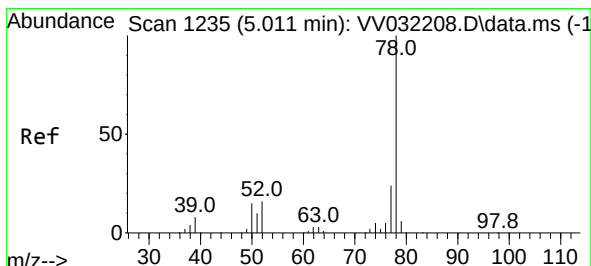
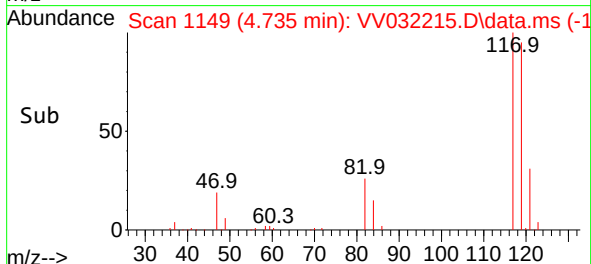
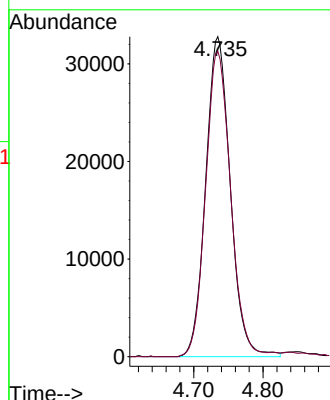
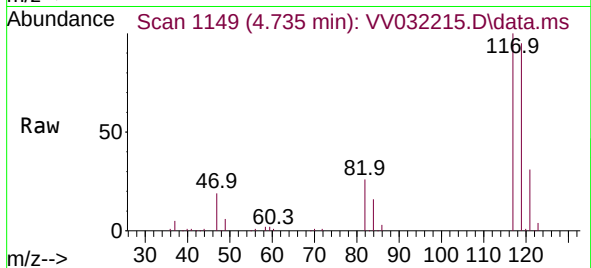




#31
Carbon tetrachloride
Concen: 42.575 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

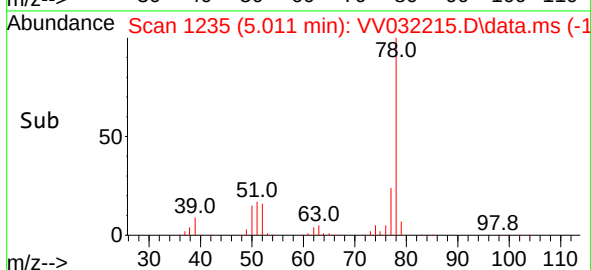
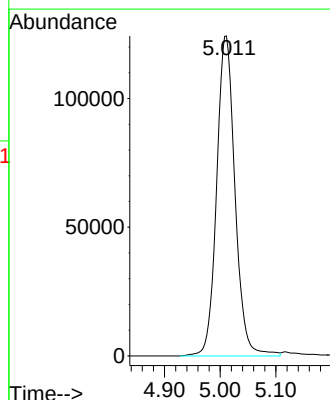
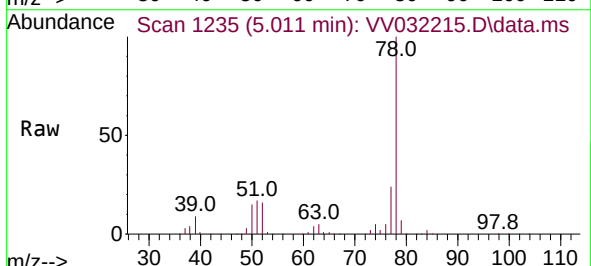
Instrument :
MSVOA_V
ClientSampleId :

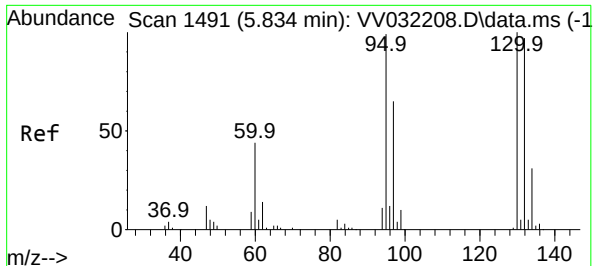
Tgt Ion:117 Resp: 80897
Ion Ratio Lower Upper
117 100
119 96.7 76.6 115.0



#33
Benzene
Concen: 50.632 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 78 Resp: 284972

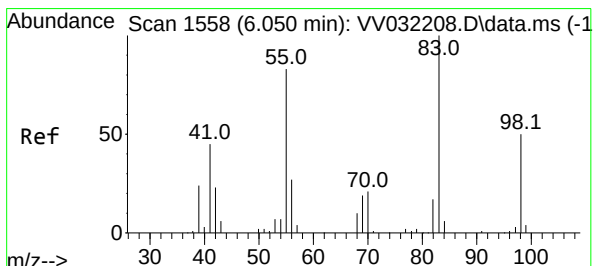
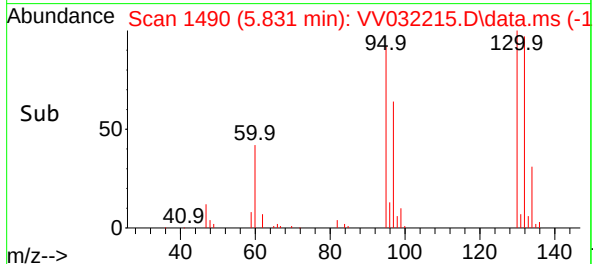
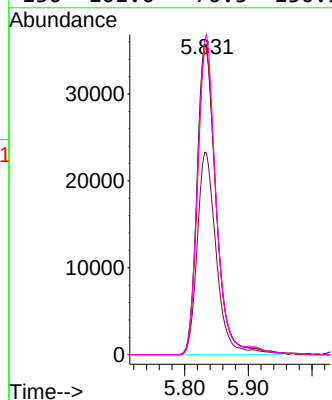
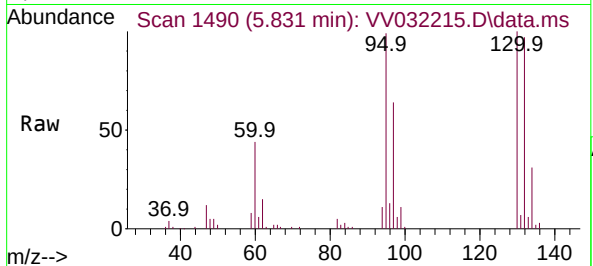




#34
Trichloroethene
Concen: 47.945 ug/L
RT: 5.831 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

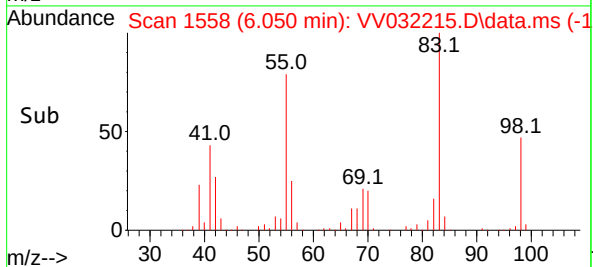
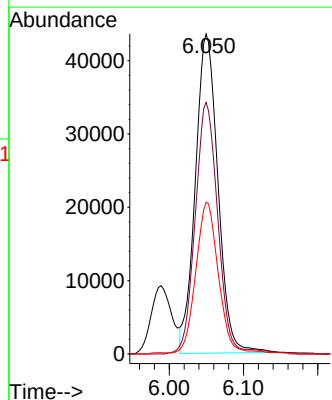
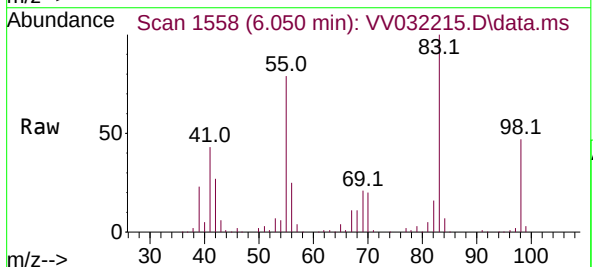
Instrument :
MSVOA_V
ClientSampleId :

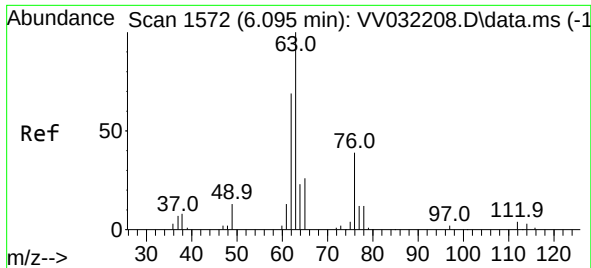
Tgt Ion: 95 Resp: 74292
Ion Ratio Lower Upper
95 100
97 65.1 45.4 84.4
132 98.0 66.1 122.7
130 101.0 70.3 130.5



#35
Methylcyclohexane
Concen: 37.170 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 83 Resp: 92086
Ion Ratio Lower Upper
83 100
55 79.5 62.9 94.3
98 46.5 38.9 58.3





#37

1,2-Dichloropropane

Concen: 51.449 ug/L

RT: 6.091 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV032215.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_V

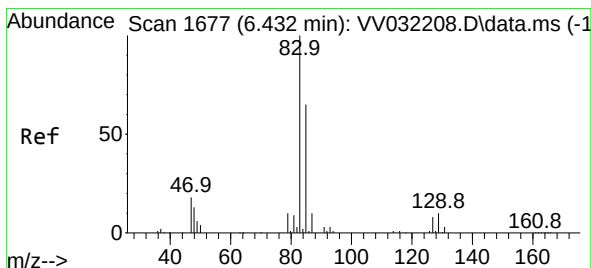
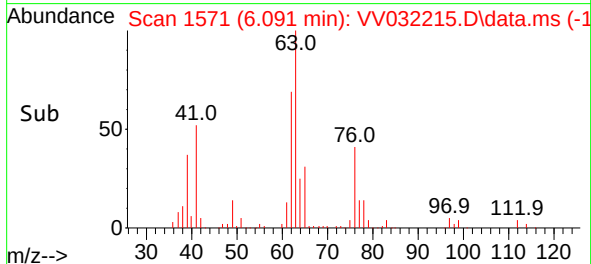
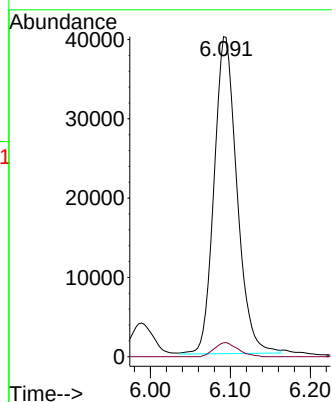
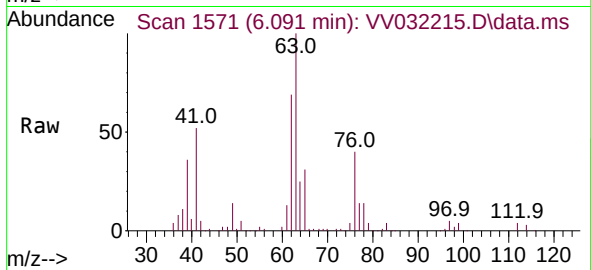
ClientSampleId :

Tgt Ion: 63 Resp: 79455

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 53.786 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV032215.D

Acq: 03 Oct 2023 14:53

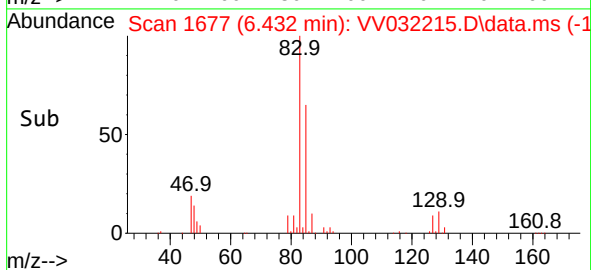
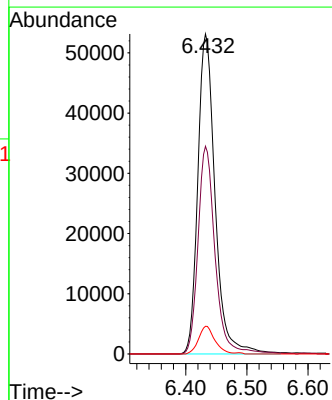
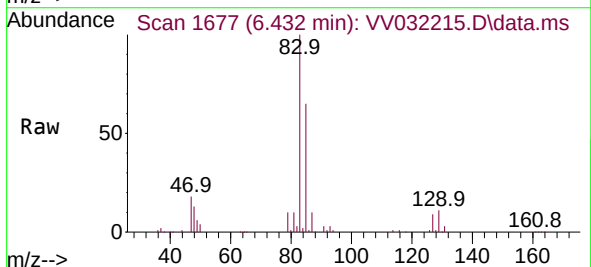
Tgt Ion: 83 Resp: 104416

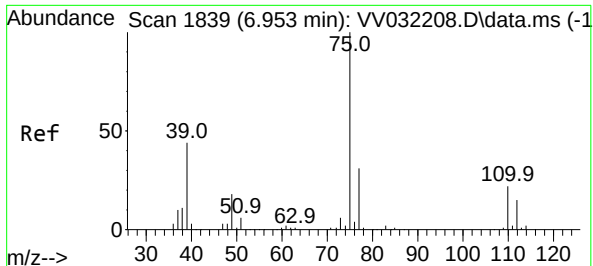
Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.9

127 8.7 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 51.572 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV032215.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_V

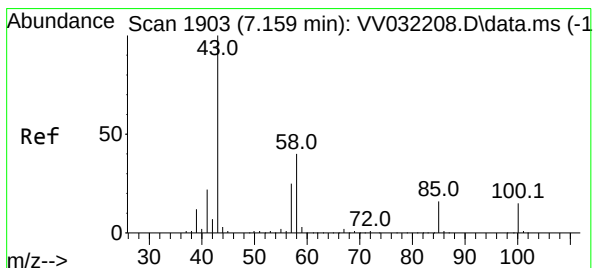
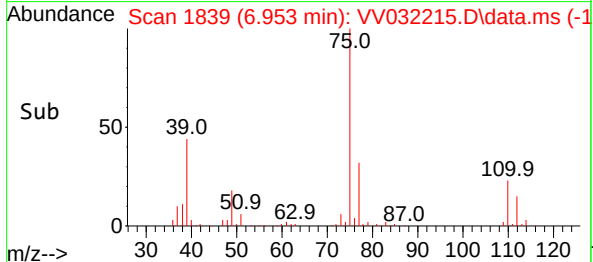
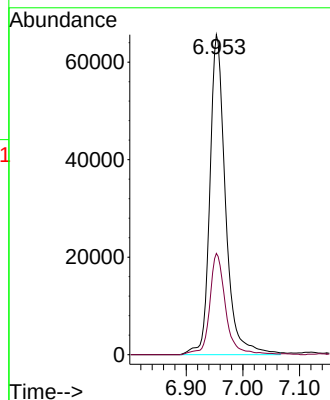
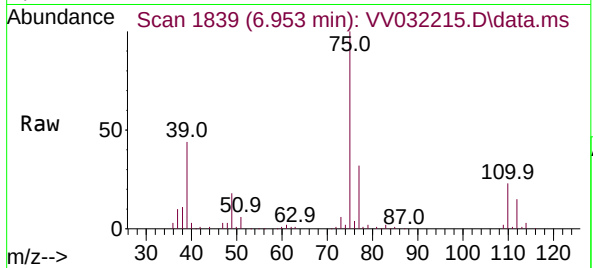
ClientSampleId :

Tgt Ion: 75 Resp: 126306

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 109.633 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV032215.D

Acq: 03 Oct 2023 14:53

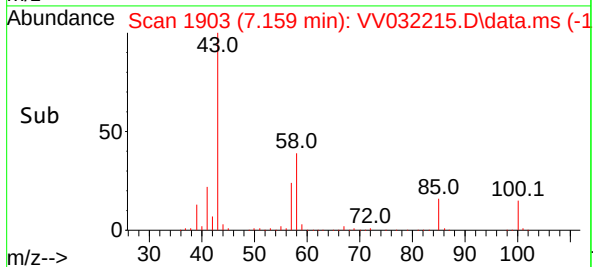
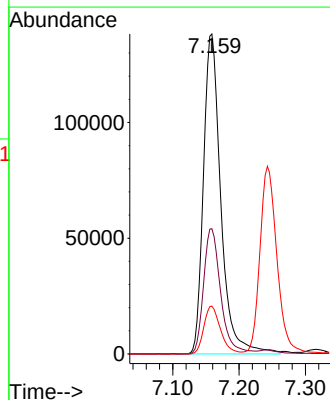
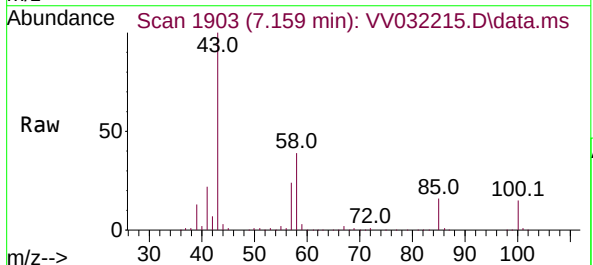
Tgt Ion: 43 Resp: 252342

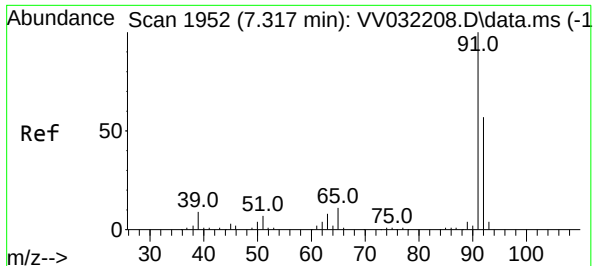
Ion Ratio Lower Upper

43 100

58 38.6 31.0 46.6

100 14.3 11.6 17.4

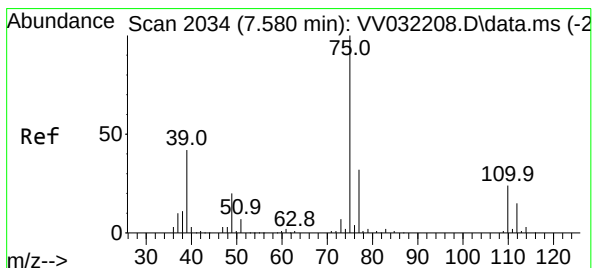
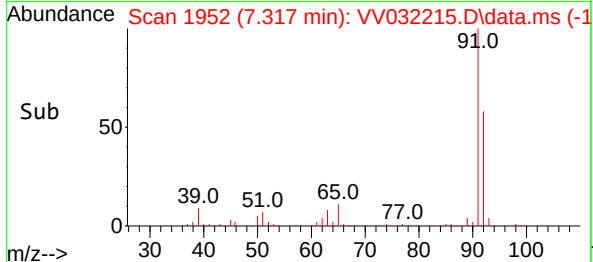
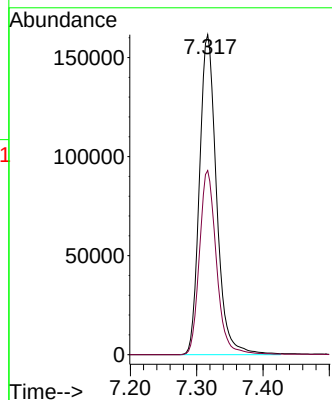
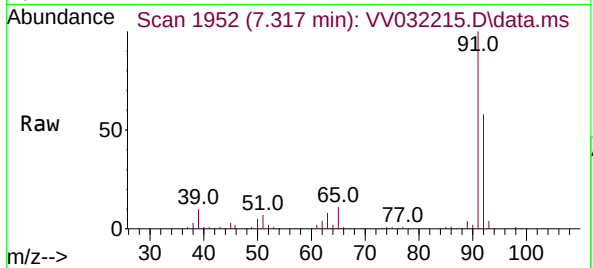




#42
Toluene
Concen: 48.050 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

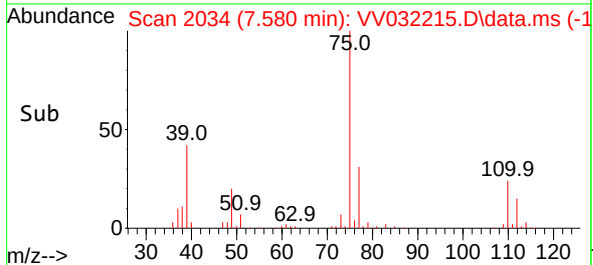
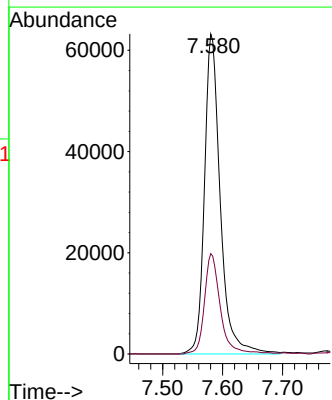
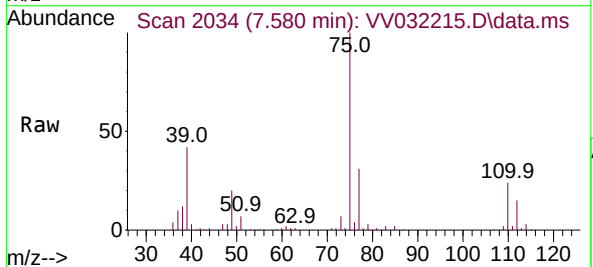
Instrument :
MSVOA_V
ClientSampleId :

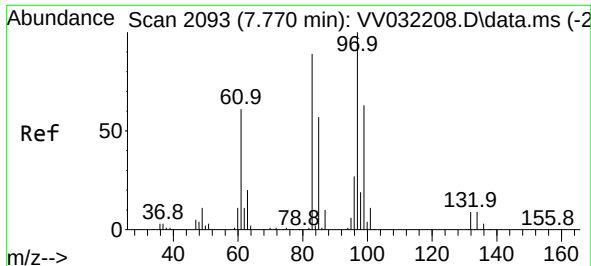
Tgt Ion: 91 Resp: 288733
Ion Ratio Lower Upper
91 100
92 57.6 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 51.792 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 75 Resp: 116162
Ion Ratio Lower Upper
75 100
77 31.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 54.752 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. -0.000 min

Lab File: VV032215.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 80657

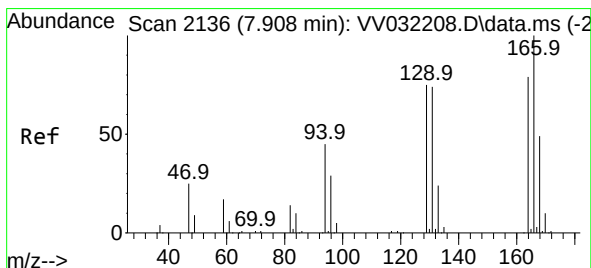
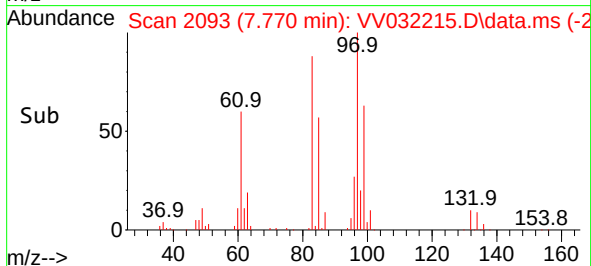
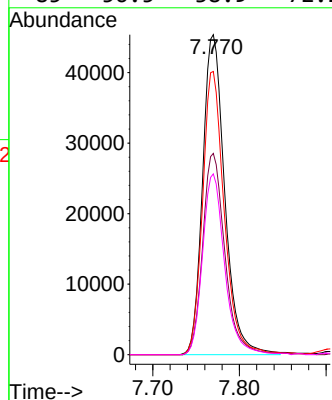
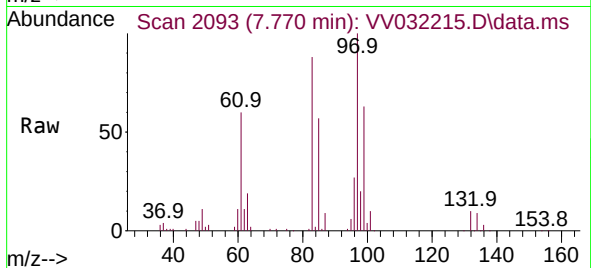
Ion Ratio Lower Upper

97 100

99 62.9 43.3 80.3

83 88.5 60.8 113.0

85 56.5 38.9 72.2



#46

Tetrachloroethene

Concen: 42.479 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.003 min

Lab File: VV032215.D

Acq: 03 Oct 2023 14:53

Tgt Ion: 164 Resp: 47832

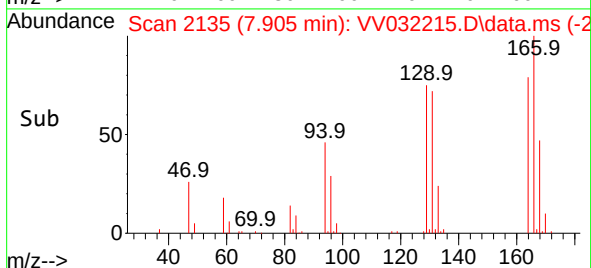
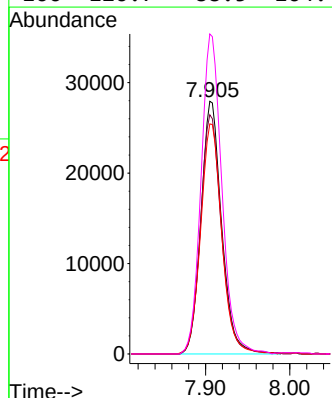
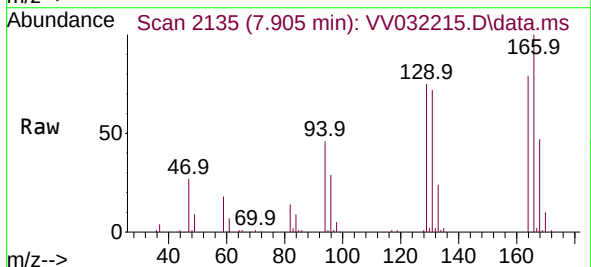
Ion Ratio Lower Upper

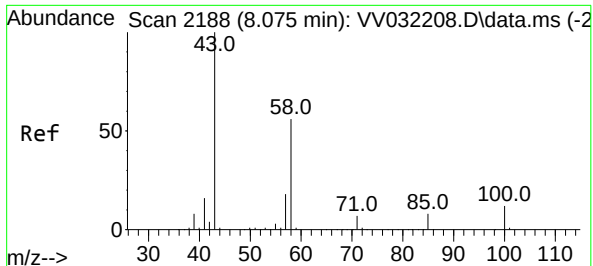
164 100

129 94.7 67.5 125.3

131 91.1 63.8 118.4

166 126.7 88.5 164.4



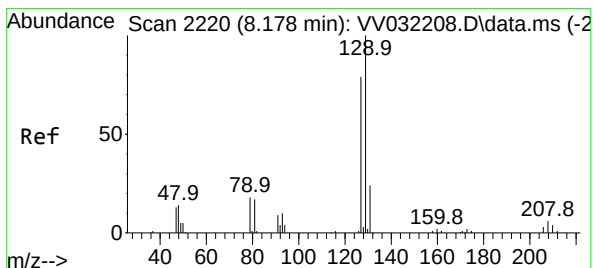
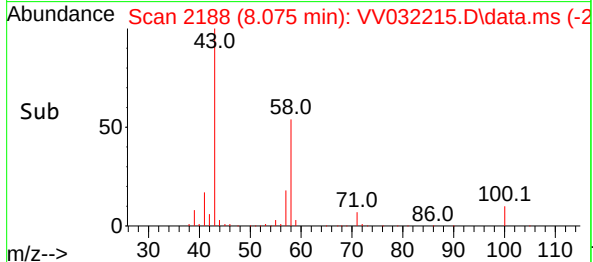
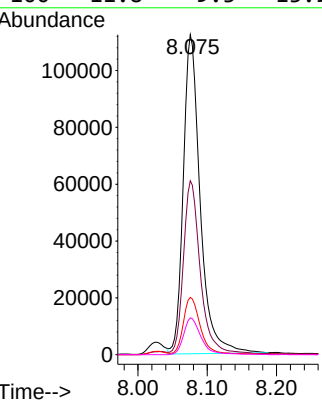
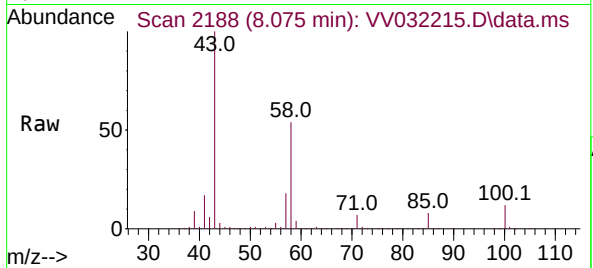


#48
2-Hexanone
Concen: 106.315 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 191160

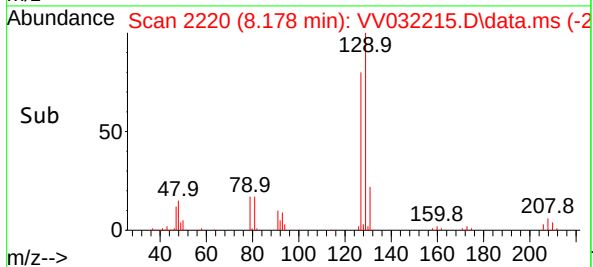
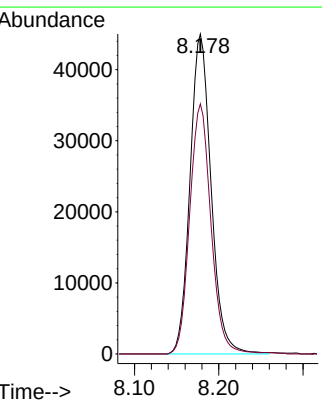
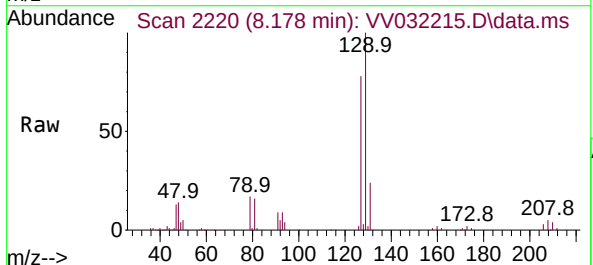
Ion	Ratio	Lower	Upper
43	100		
58	54.0	44.5	66.7
57	17.3	13.9	20.9
100	11.8	9.3	13.9

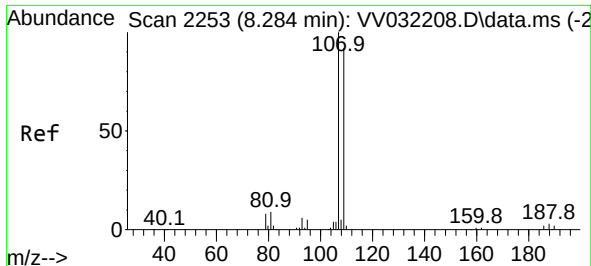


#49
Dibromochloromethane
Concen: 53.527 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 129 Resp: 78401

Ion	Ratio	Lower	Upper
129	100		
127	78.1	54.9	101.9

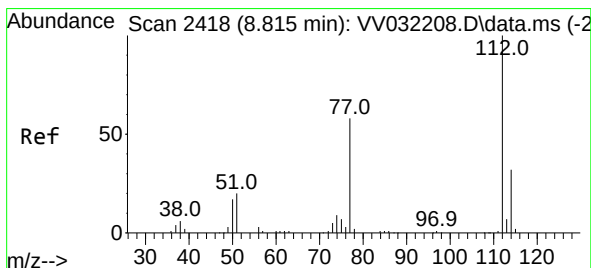
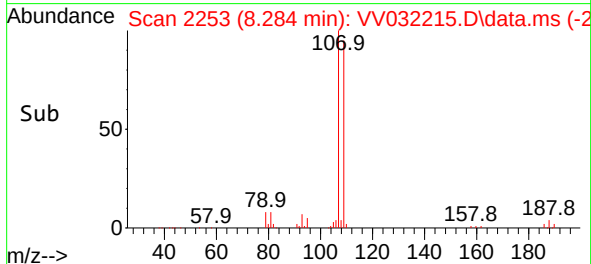
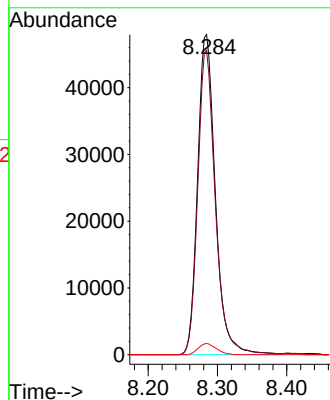
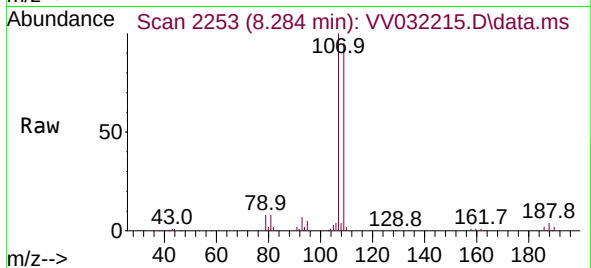




#50
1,2-Dibromoethane
Concen: 54.549 ug/L
RT: 8.284 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

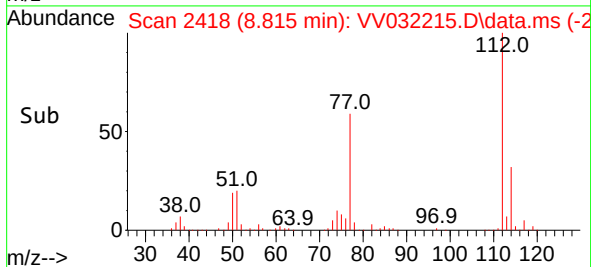
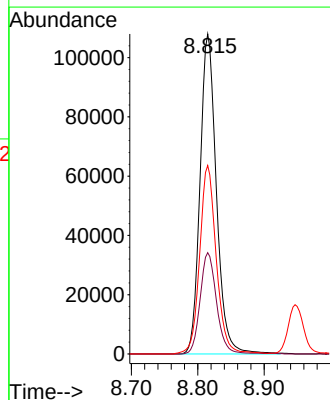
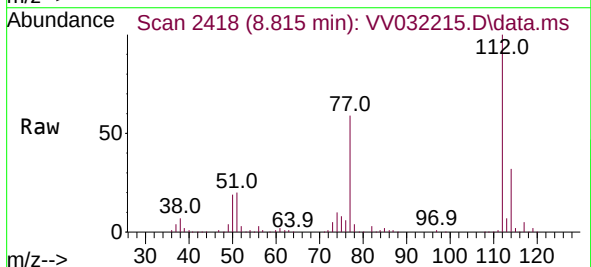
Instrument :
MSVOA_V
ClientSampleId :

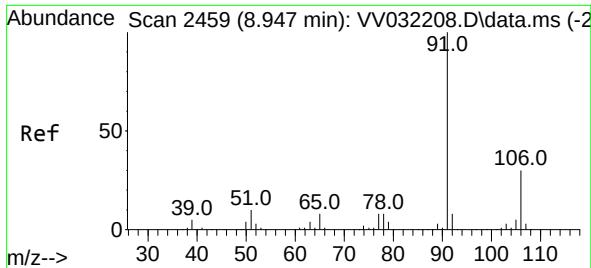
Tgt Ion:107 Resp: 85566
Ion Ratio Lower Upper
107 100
109 95.1 65.2 121.2
188 3.5 3.0 4.6



#51
Chlorobenzene
Concen: 47.731 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Tgt Ion:112 Resp: 185059
Ion Ratio Lower Upper
112 100
114 31.6 22.5 41.9
77 58.9 46.7 70.1

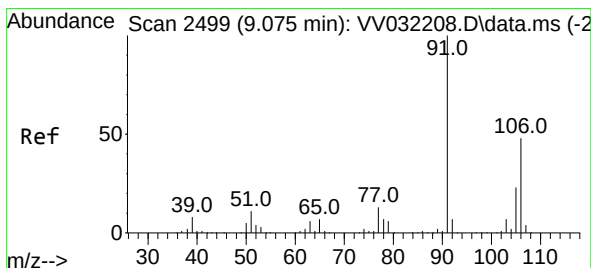
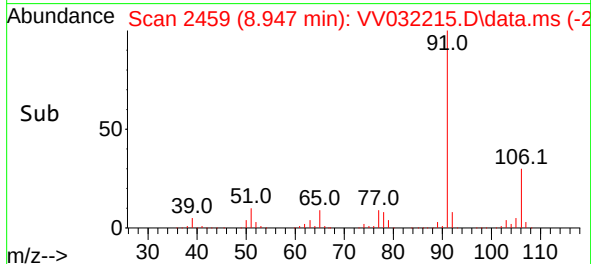
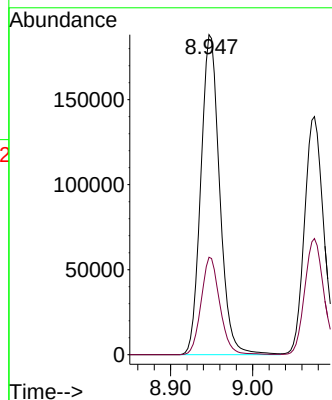
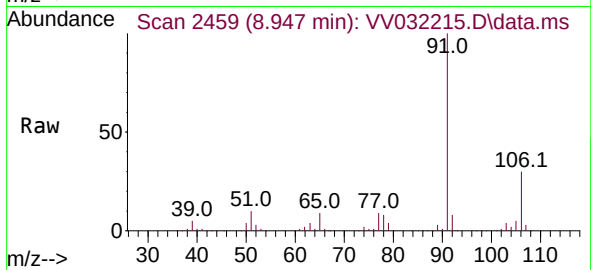




#52
Ethylbenzene
Concen: 44.659 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

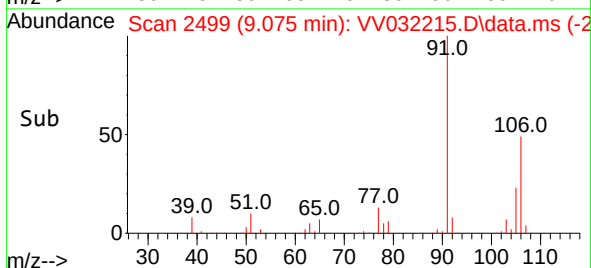
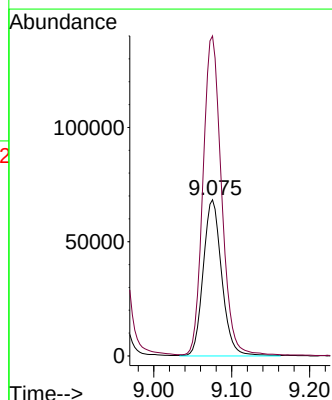
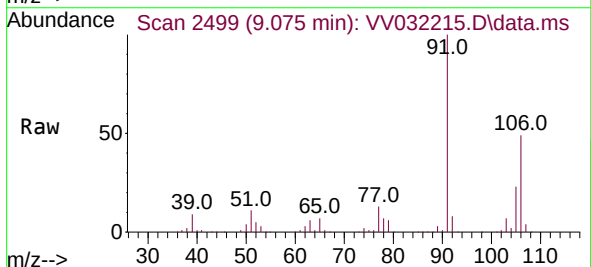
Instrument :
MSVOA_V
ClientSampleId :

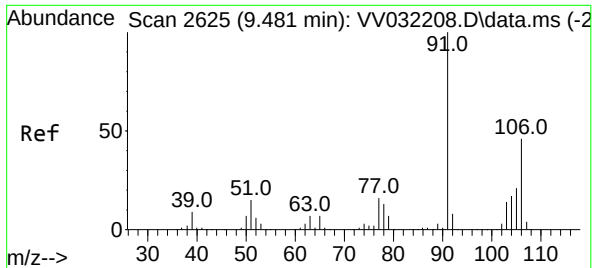
Tgt Ion: 91 Resp: 299755
Ion Ratio Lower Upper
91 100
106 30.5 20.9 38.7



#53
m,p-Xylene
Concen: 45.146 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 106 Resp: 112902
Ion Ratio Lower Upper
106 100
91 204.9 143.8 267.0

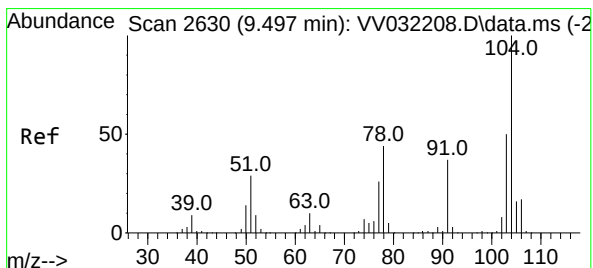
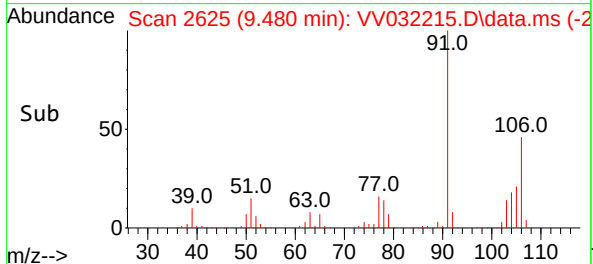
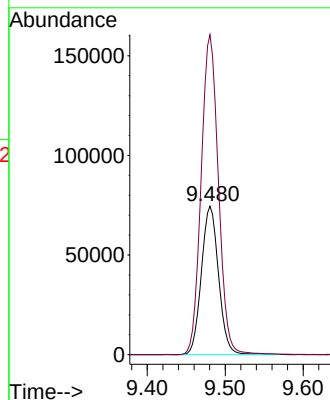
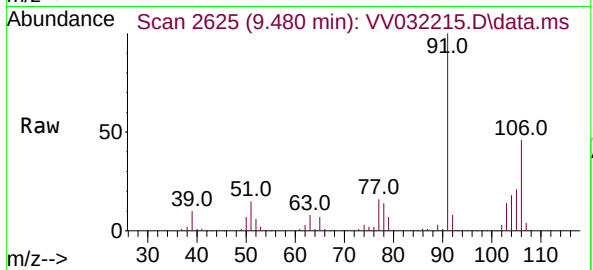




#54
o-Xylene
Concen: 46.444 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

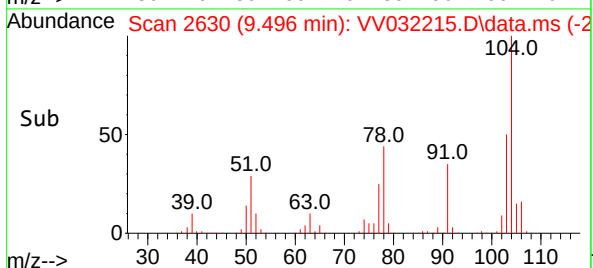
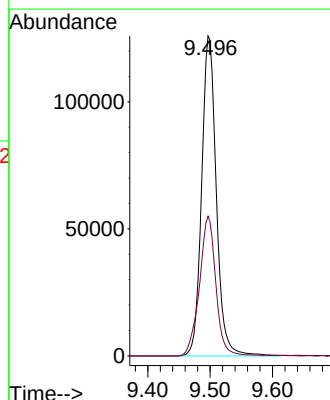
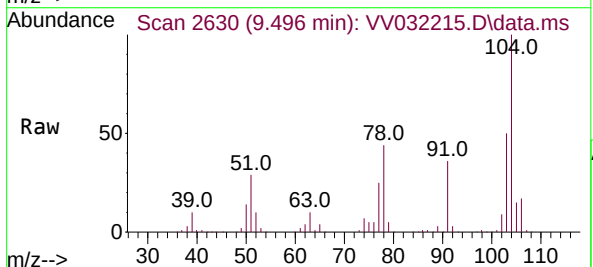
Instrument :
MSVOA_V
ClientSampleId :

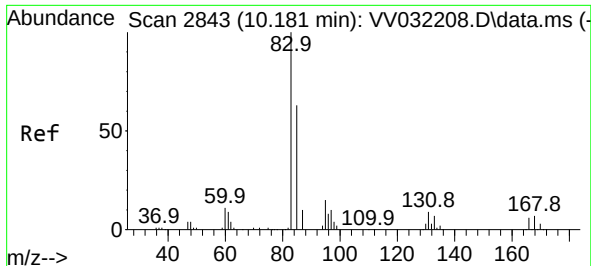
Tgt Ion:106 Resp: 114419
Ion Ratio Lower Upper
106 100
91 215.5 153.4 284.8



#55
Styrene
Concen: 49.153 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Tgt Ion:104 Resp: 206590
Ion Ratio Lower Upper
104 100
78 43.7 30.4 56.5

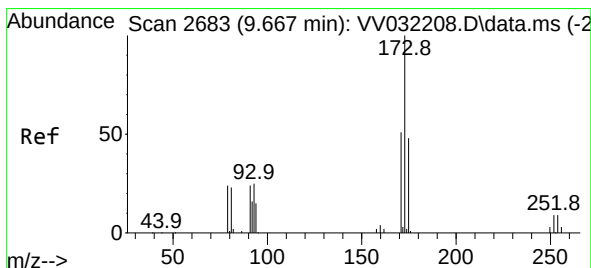
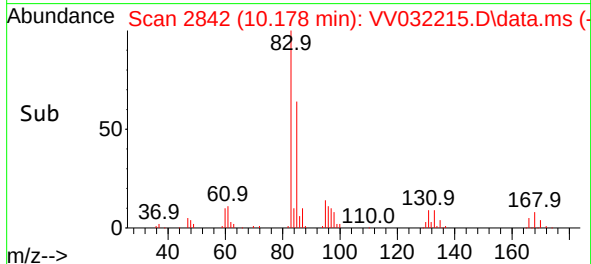
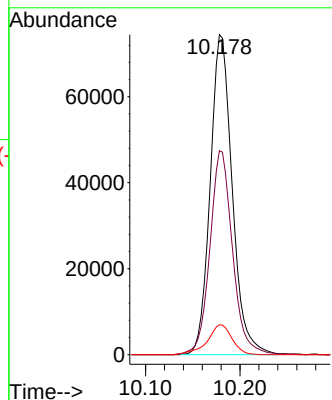
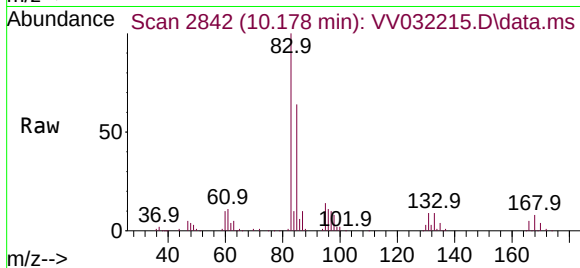




#57
1,1,2,2-Tetrachloroethane
Concen: 52.521 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

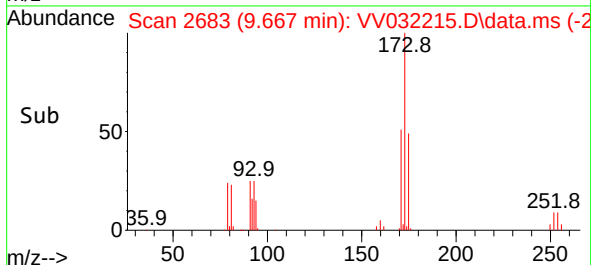
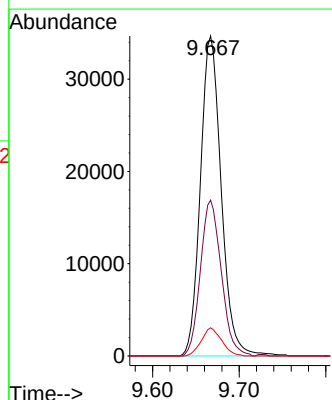
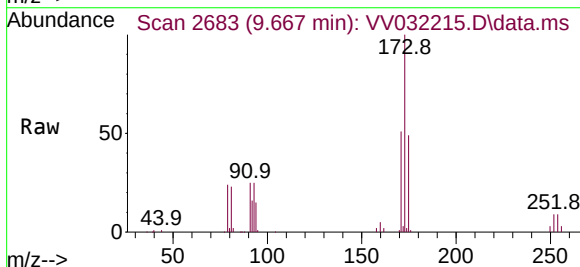
Instrument :
MSVOA_V
ClientSampleId :

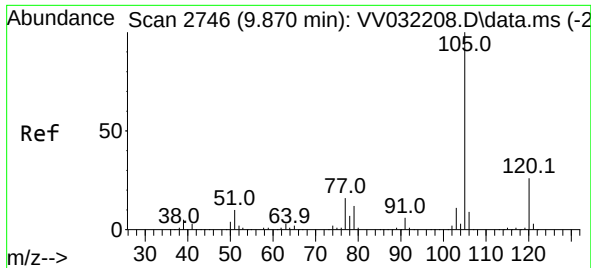
Tgt Ion: 83 Resp: 120558
Ion Ratio Lower Upper
83 100
85 63.7 44.7 82.9
131 9.4 7.4 11.0



#59
Bromoform
Concen: 55.997 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 173 Resp: 57952
Ion Ratio Lower Upper
173 100
175 48.6 39.5 59.3
254 8.6 7.0 10.4

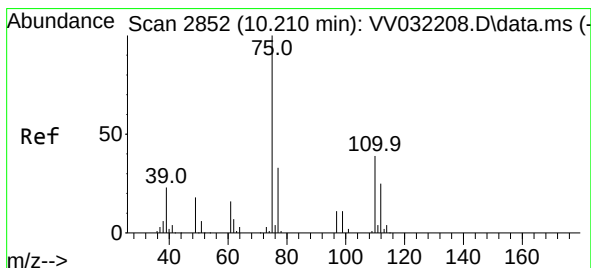
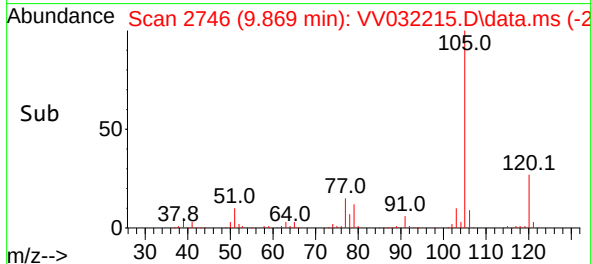
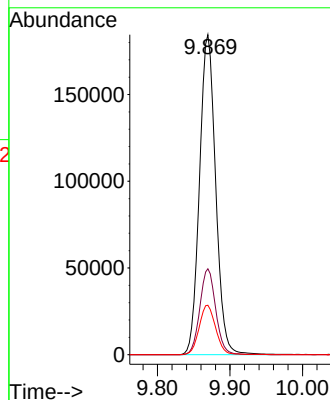
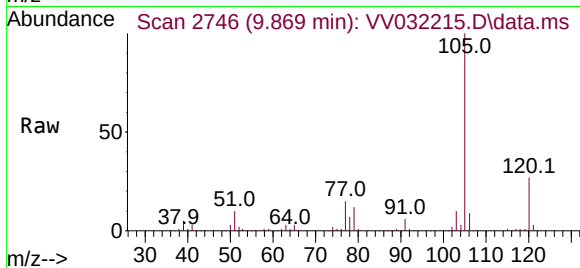




#60
Isopropylbenzene
Concen: 44.113 ug/L
RT: 9.869 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

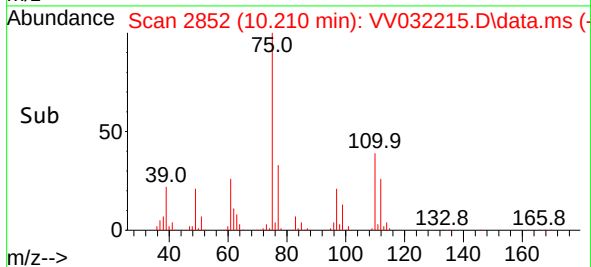
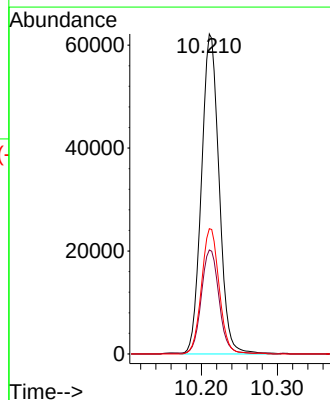
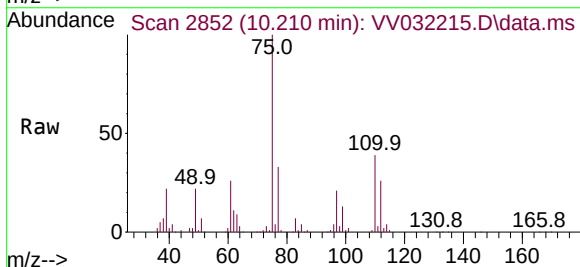
Instrument :
MSVOA_V
ClientSampleId :

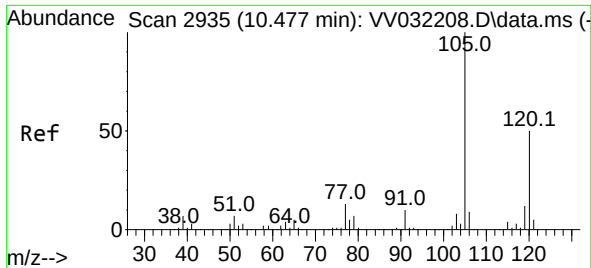
Tgt Ion:105 Resp: 285951
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.8 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 55.456 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Tgt Ion: 75 Resp: 100400
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1
110 39.1 30.5 45.7

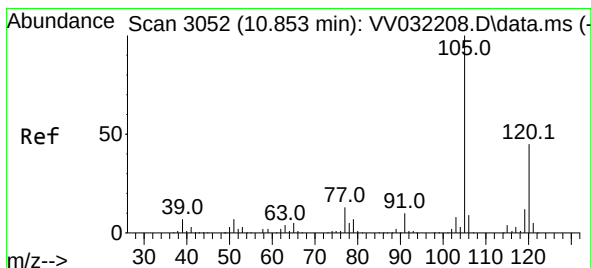
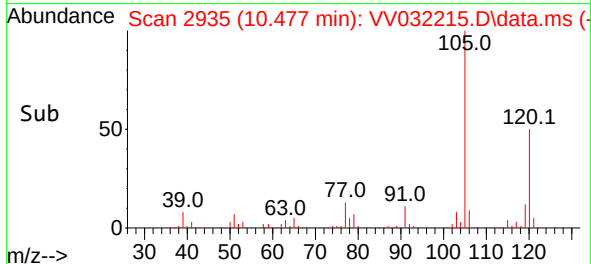
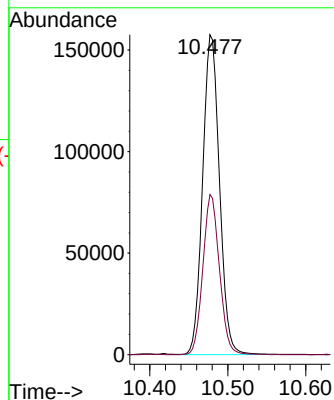
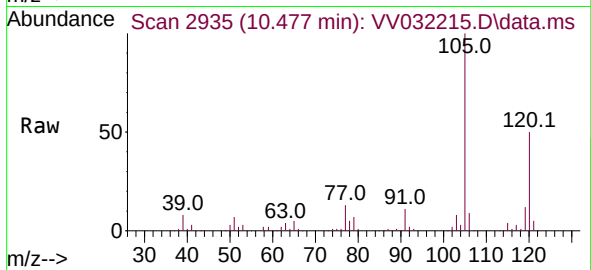




#62
1,3,5-Trimethylbenzene
Concen: 44.339 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

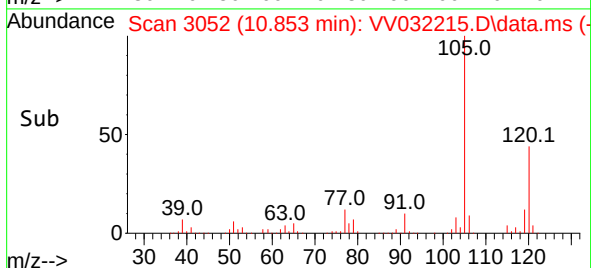
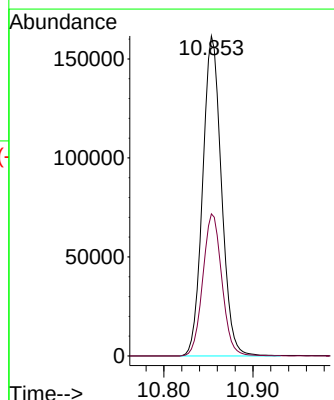
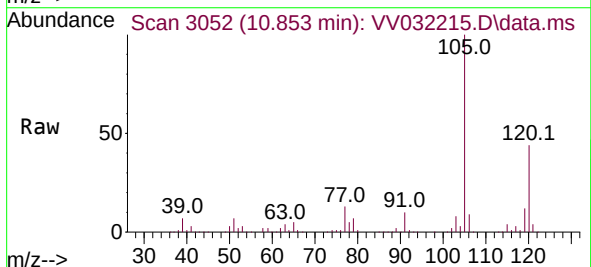
Instrument :
MSVOA_V
ClientSampleId :

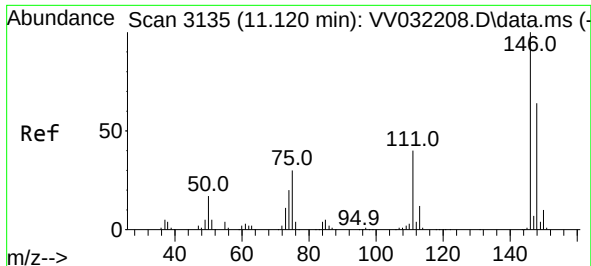
Tgt Ion:105 Resp: 236139
Ion Ratio Lower Upper
105 100
120 49.3 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 45.075 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Tgt Ion:105 Resp: 236125
Ion Ratio Lower Upper
105 100
120 45.1 36.5 54.7

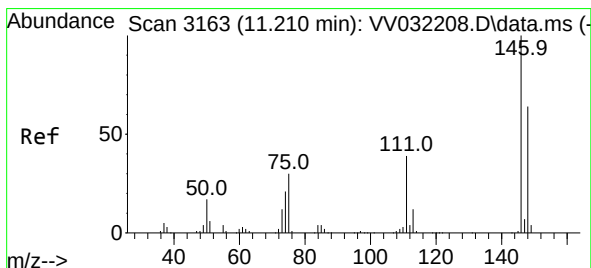
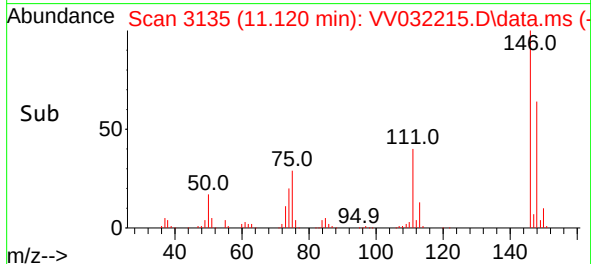
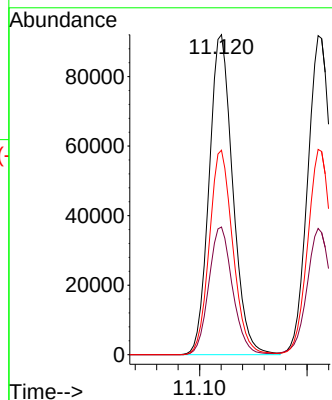
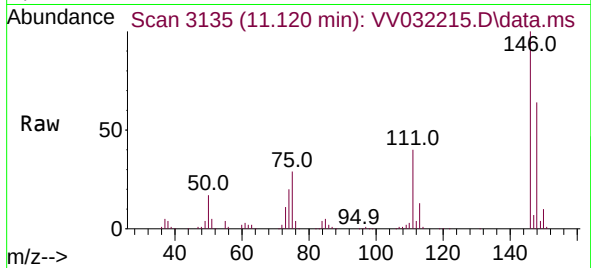




#64
1,3-Dichlorobenzene
Concen: 46.458 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

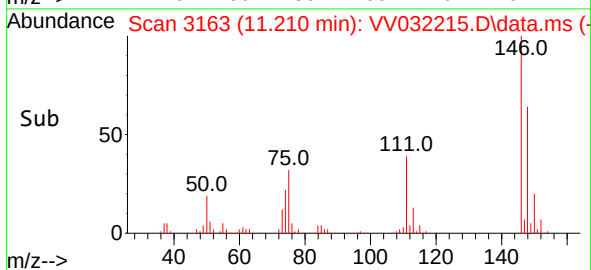
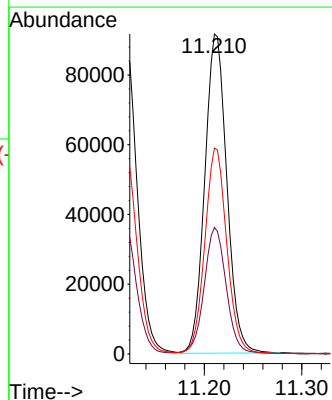
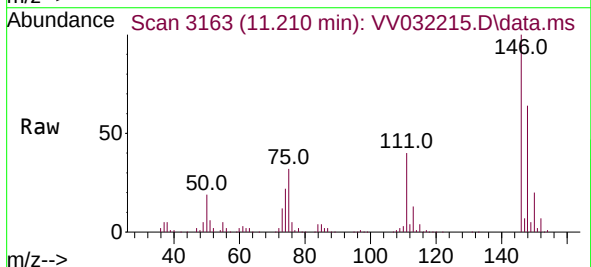
Instrument :
MSVOA_V
ClientSampleId :

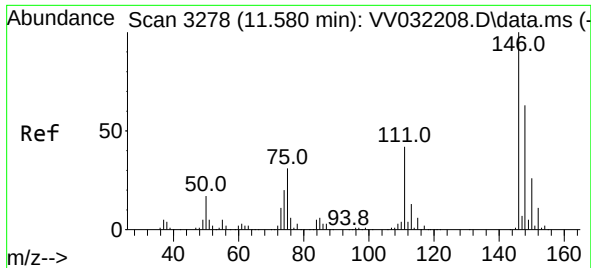
Tgt Ion:146 Resp: 140792
Ion Ratio Lower Upper
146 100
111 39.9 28.3 52.5
148 63.9 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 47.068 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

Tgt Ion:146 Resp: 144087
Ion Ratio Lower Upper
146 100
111 39.6 27.5 51.1
148 64.4 44.7 83.1

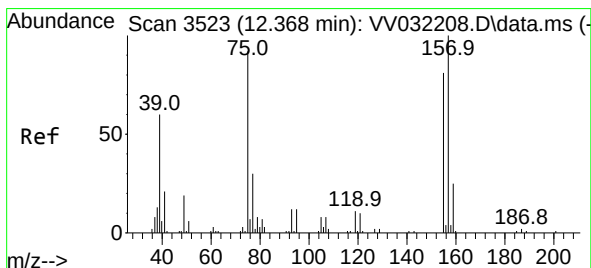
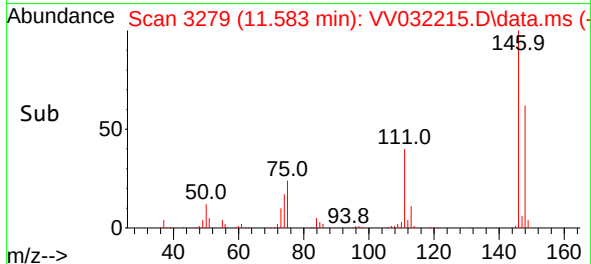
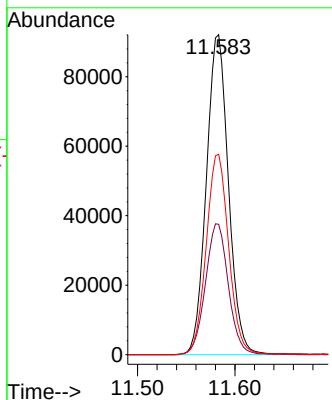
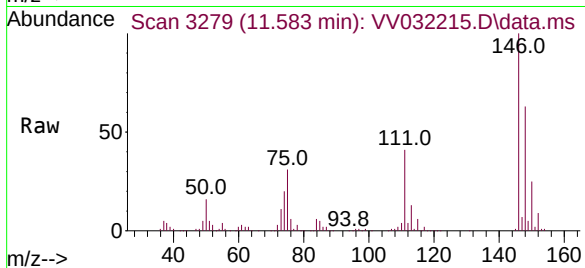




#67
1,2-Dichlorobenzene
Concen: 48.781 ug/L
RT: 11.583 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

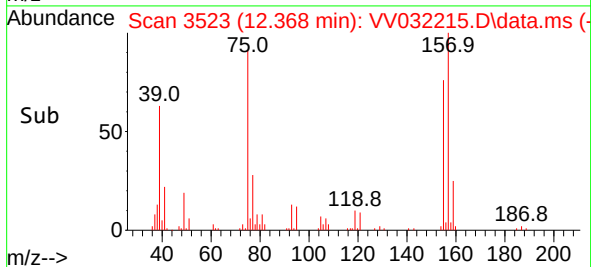
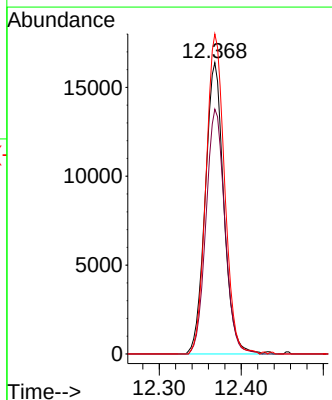
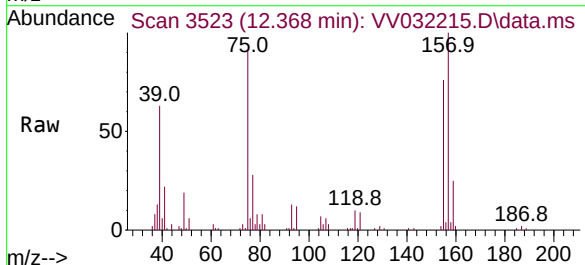
Instrument :
MSVOA_V
ClientSampleId :

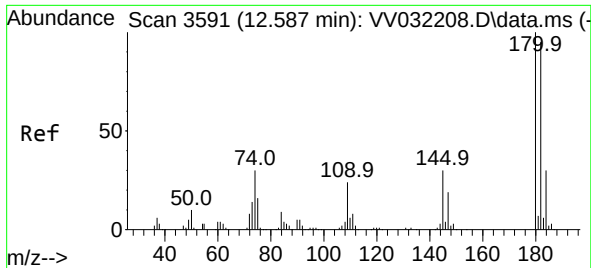
Tgt Ion:146 Resp: 145407
Ion Ratio Lower Upper
146 100
111 40.8 33.6 50.4
148 62.7 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 51.650 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. -0.000 min
Lab File: VV032215.D
Acq: 03 Oct 2023 14:53

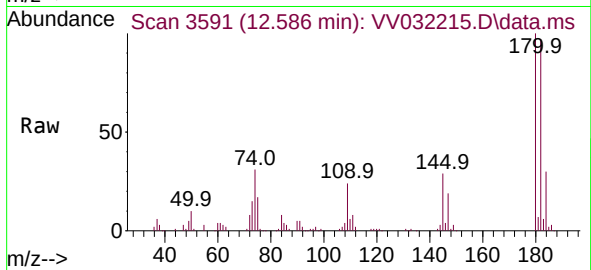
Tgt Ion: 75 Resp: 25819
Ion Ratio Lower Upper
75 100
155 84.0 70.0 105.0
157 109.8 90.4 135.6



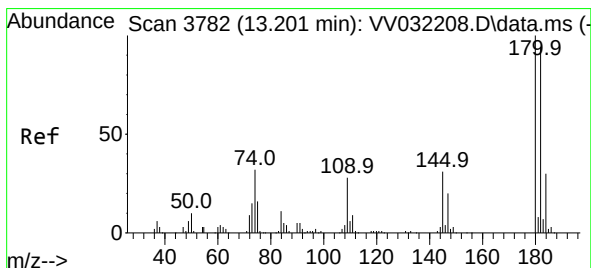
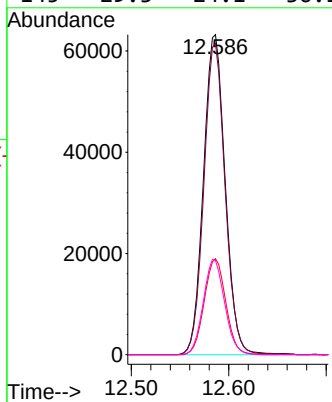
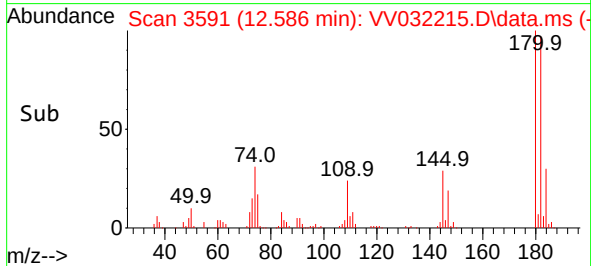


#69
 1,3,5-Trichlorobenzene
 Concen: 44.567 ug/L
 RT: 12.586 min Scan# 3591
 Delta R.T. -0.000 min
 Lab File: VV032215.D
 Acq: 03 Oct 2023 14:53

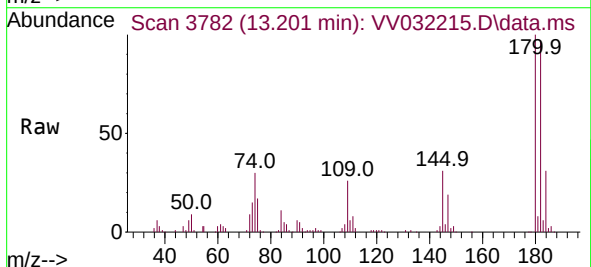
Instrument :
 MSVOA_V
 ClientSampleId :



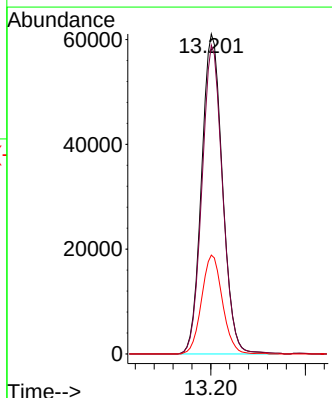
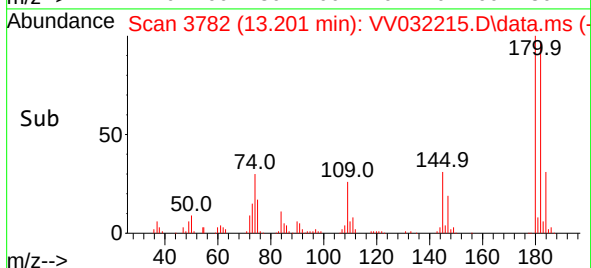
Tgt Ion:180 Resp: 97796
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.6 113.4
 184 29.6 23.9 35.9
 145 29.3 24.1 36.1

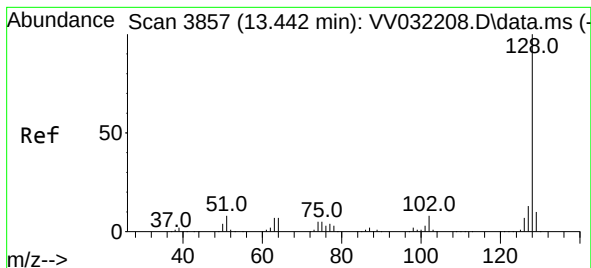


#70
 1,2,4-trichlorobenzene
 Concen: 45.395 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. -0.000 min
 Lab File: VV032215.D
 Acq: 03 Oct 2023 14:53



Tgt Ion:180 Resp: 93681
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.3 112.9
 145 30.7 24.4 36.6





#71

Naphthalene

Concen: 45.053 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.000 min

Lab File: VV032215.D

Acq: 03 Oct 2023 14:53

Instrument :

MSVOA_V

ClientSampleId :

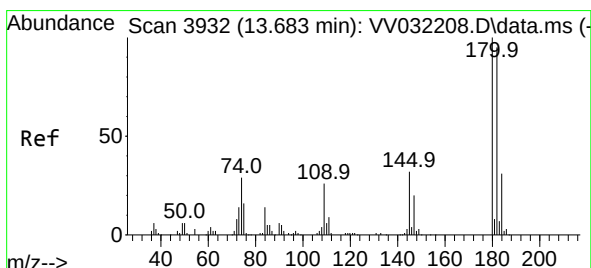
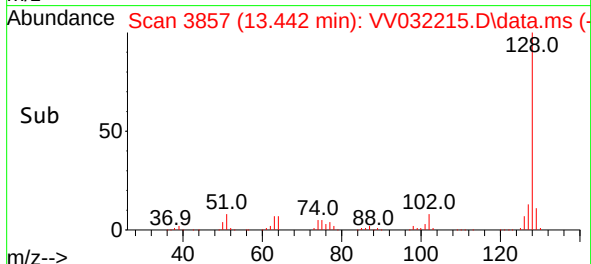
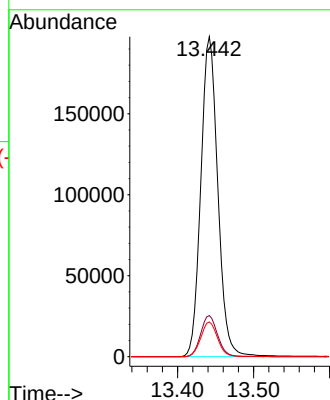
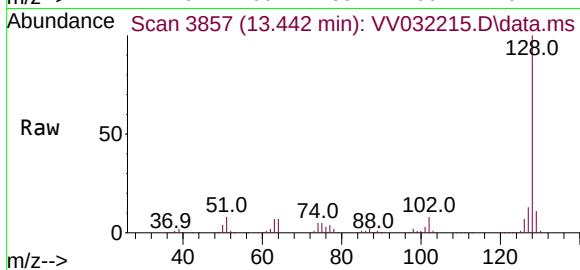
Tgt Ion:128 Resp: 306269

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 47.255 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. -0.000 min

Lab File: VV032215.D

Acq: 03 Oct 2023 14:53

Tgt Ion:180 Resp: 96894

Ion Ratio Lower Upper

180 100

182 95.9 75.2 112.8

145 32.3 25.8 38.8

