

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100323\
 Data File : VW032208.D
 Acq On : 03 Oct 2023 09:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:46:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 03 01:57:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	208043	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	203833	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	114323	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	82999	64.467	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 128.940%	
7) Chloroethane-d5	1.529	69	66296	59.700	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 119.400%	
11) 1,1-Dichloroethene-d2	2.060	65	33767	60.064	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 120.120%	
21) 2-Butanone-d5	3.783	46	104840	90.562	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 90.560%	
24) Chloroform-d	4.249	84	141068	52.360	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.720%	
26) 1,2-Dichloroethane-d4	4.941	65	84003	51.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.640%	
32) Benzene-d6	4.960	84	281247	52.487	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.980%	
36) 1,2-Dichloropropane-d6	5.989	67	91103	50.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 101.900%	
41) Toluene-d8	7.246	98	261919	53.580	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.160%	
43) trans-1,3-Dichloroprop...	7.555	79	42720	50.220	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.440%	
47) 2-Hexanone-d5	8.027	63	68352	88.518	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 88.520%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	118825	46.722	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 93.440%	
66) 1,2-Dichlorobenzene-d4	11.564	152	103025	49.693	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 99.380%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	89003	50.522	ug/L	100
3) Chloromethane	1.214	50	93931	49.170	ug/L	98
5) Vinyl chloride	1.282	62	96165	51.106	ug/L	98
6) Bromomethane	1.484	94	58571	54.859	ug/L	98
8) Chloroethane	1.545	64	59750	51.010	ug/L	98
9) Trichlorofluoromethane	1.712	101	126117	52.220	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	78848	54.142	ug/L	99
12) 1,1-Dichloroethene	2.069	96	69186	51.345	ug/L	99
13) Acetone	2.111	43	132581	122.420	ug/L	100
14) Carbon disulfide	2.240	76	212441	49.264	ug/L	100
15) Methyl Acetate	2.371	43	91516	47.365	ug/L	99
16) Methylene chloride	2.445	84	82976	48.773	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	75083	49.431	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	248245	48.849	ug/L	100
19) 1,1-Dichloroethane	3.111	63	149341	50.142	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	83951	49.086	ug/L	98
22) 2-Butanone	3.863	43	146449	100.723	ug/L	99
23) Bromochloromethane	4.146	128	42380	49.474	ug/L	99
25) Chloroform	4.275	83	145958	50.203	ug/L	100

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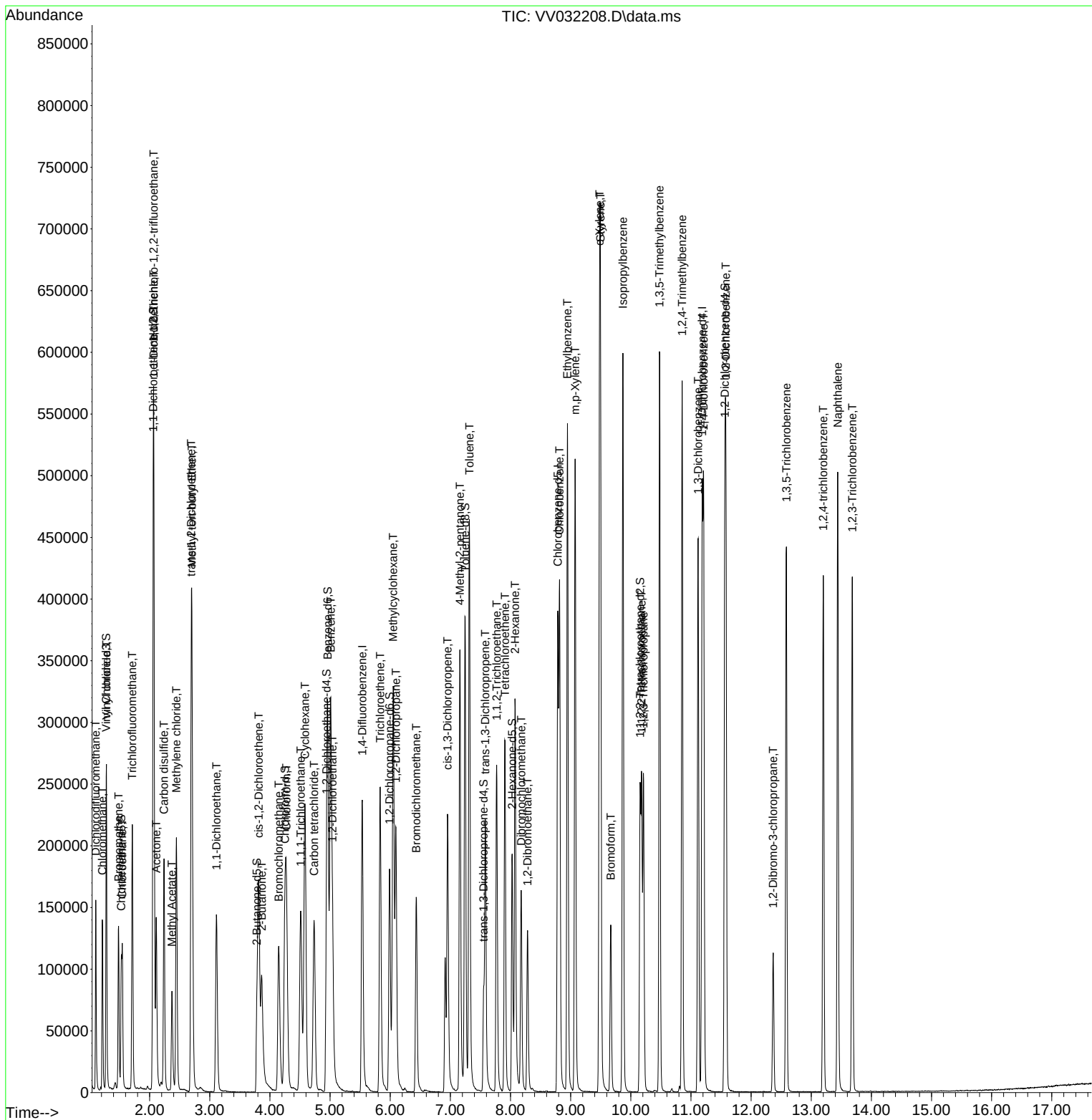
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 ClientSampleId :

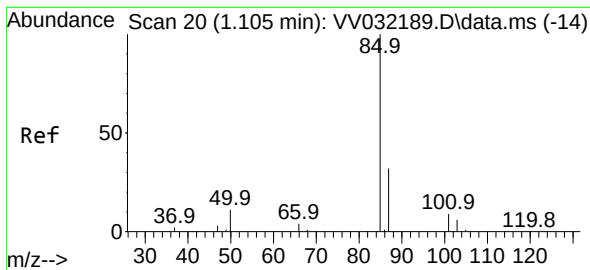
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	107865	49.087	ug/L	100
29) Cyclohexane	4.584	56	135587	47.649	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	125704	49.456	ug/L	99
31) Carbon tetrachloride	4.735	117	107801	49.111	ug/L	99
33) Benzene	5.011	78	320350	49.270	ug/L	100
34) Trichloroethene	5.834	95	88171	49.255	ug/L	99
35) Methylcyclohexane	6.050	83	140035	48.929	ug/L	99
37) 1,2-Dichloropropane	6.095	63	90069	50.485	ug/L	99
38) Bromodichloromethane	6.432	83	112008	49.943	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	139528	49.315	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	249125	93.692	ug/L	100
42) Toluene	7.317	91	340437	49.041	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	127252	49.113	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	83669	49.165	ug/L	98
46) Tetrachloroethene	7.908	164	64890	49.885	ug/L	98
48) 2-Hexanone	8.075	43	197161	94.918	ug/L	98
49) Dibromochloromethane	8.178	129	83959	49.619	ug/L	99
50) 1,2-Dibromoethane	8.284	107	88859	49.036	ug/L	99
51) Chlorobenzene	8.815	112	216823	48.409	ug/L	100
52) Ethylbenzene	8.947	91	383644	49.476	ug/L	100
53) m,p-Xylene	9.075	106	142342	49.270	ug/L	99
54) o-Xylene	9.481	106	137953	48.472	ug/L	100
55) Styrene	9.497	104	244912	50.441	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	124102	46.800	ug/L	100
59) Bromoform	9.667	173	60984	48.005	ug/L	99
60) Isopropylbenzene	9.870	105	383253	48.166	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	99786	44.902	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	314046	48.039	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	308867	48.033	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	179185	48.169	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	182627	48.601	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	176589	48.262	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	27138	44.227	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	130214	48.343	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	121078	47.797	ug/L	99
71) Naphthalene	13.442	128	379034	45.423	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	122290	48.588	ug/L	100

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

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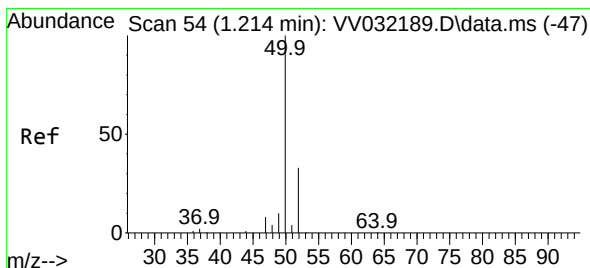
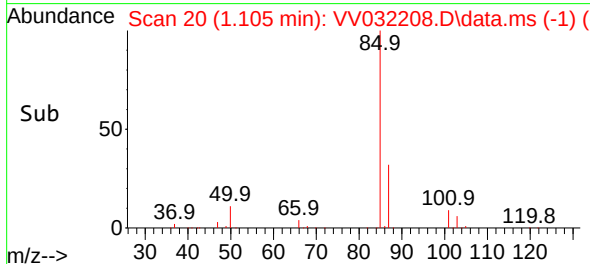
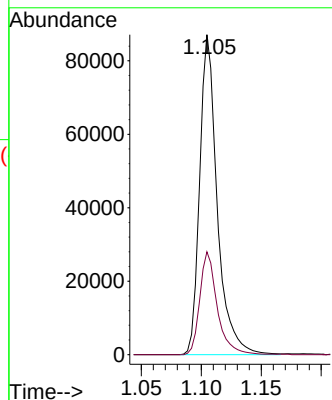
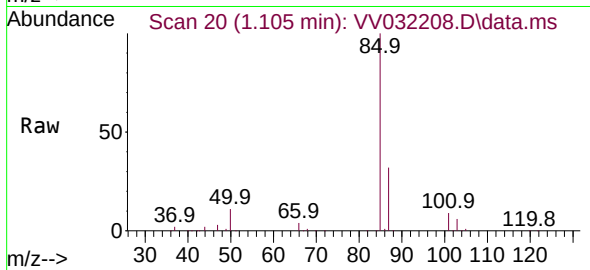




#2
 Dichlorodifluoromethane
 Concen: 50.522 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032208.D
 Acq: 03 Oct 2023 09:46

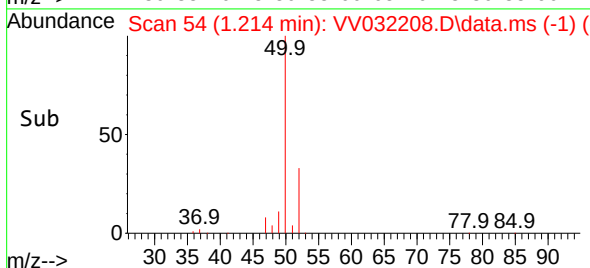
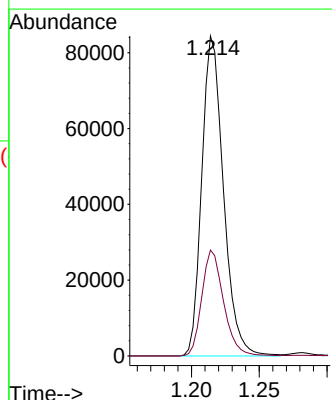
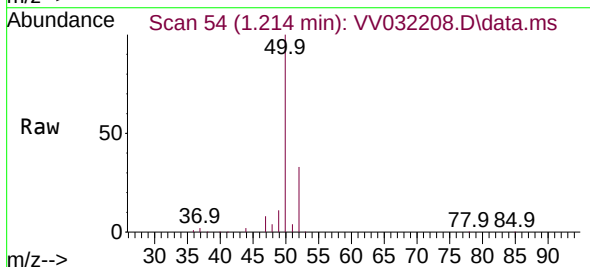
Instrument :
 MSVOA_V
 ClientSampleId :

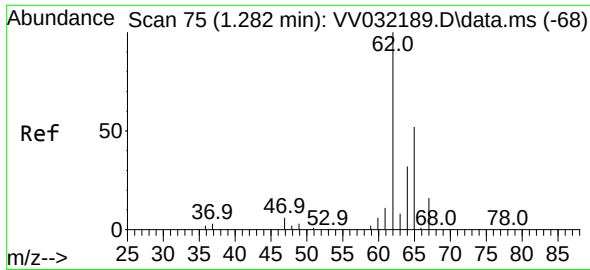
Tgt Ion: 85 Resp: 89003
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.4 38.0



#3
 Chloromethane
 Concen: 49.170 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV032208.D
 Acq: 03 Oct 2023 09:46

Tgt Ion: 50 Resp: 93931
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.4 41.6



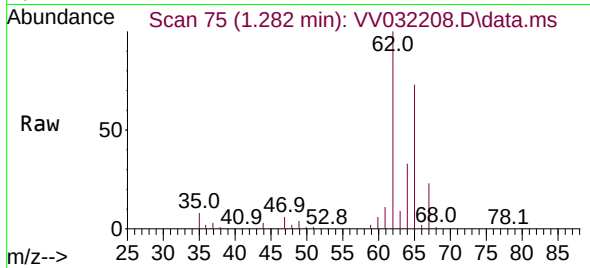


#5
 Vinyl chloride
 Concen: 51.106 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV032208.D
 Acq: 03 Oct 2023 09:46

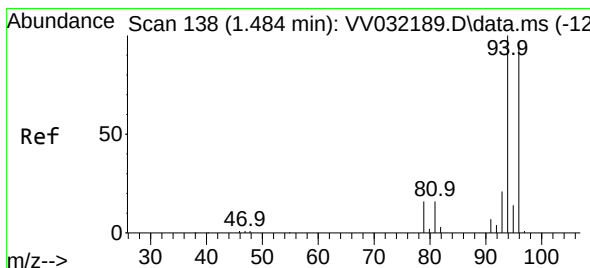
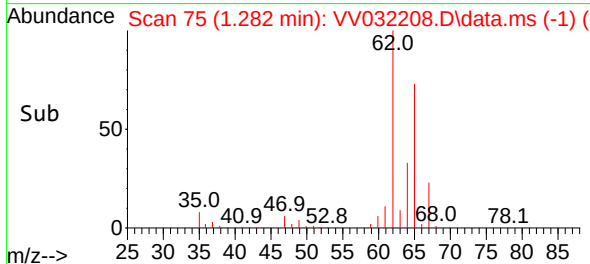
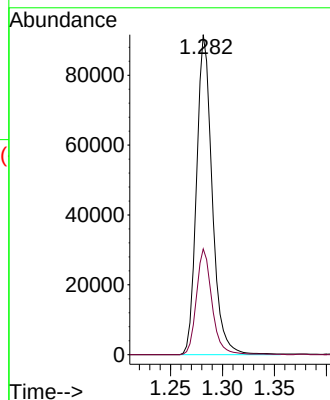
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ClientSampleId :

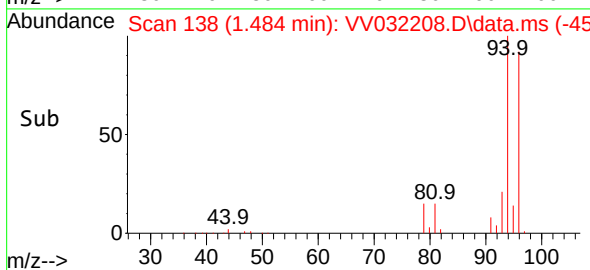
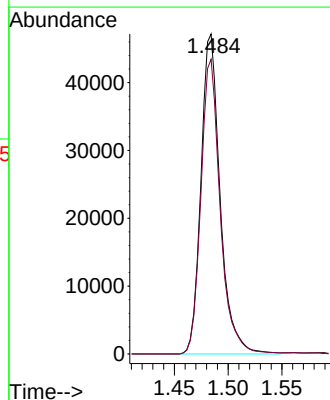
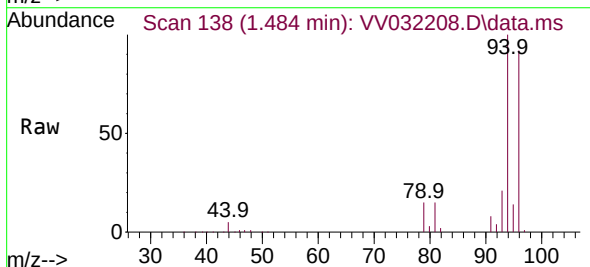


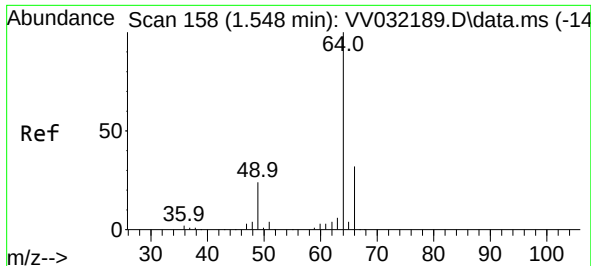
Tgt Ion: 62 Resp: 96165
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.5 41.9



#6
 Bromomethane
 Concen: 54.859 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV032208.D
 Acq: 03 Oct 2023 09:46

Tgt Ion: 94 Resp: 58571
 Ion Ratio Lower Upper
 94 100
 96 92.1 65.7 122.1

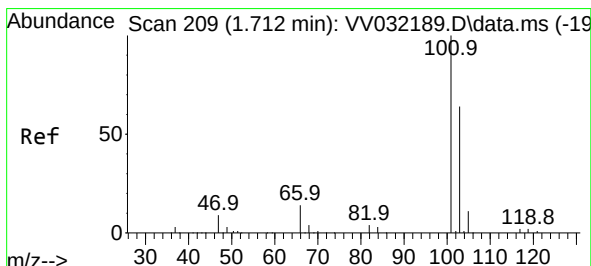
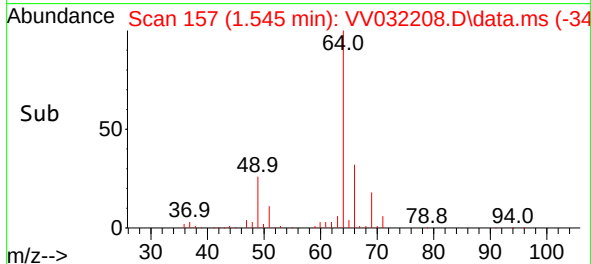
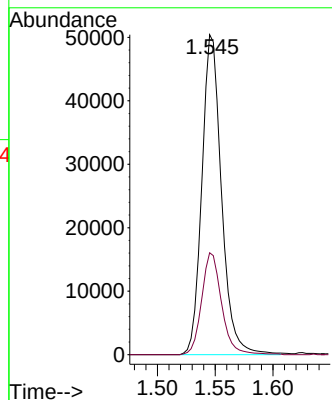
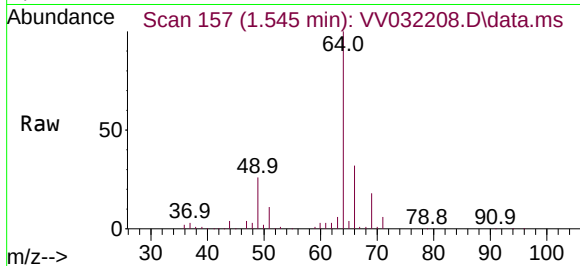




#8
Chloroethane
Concen: 51.010 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

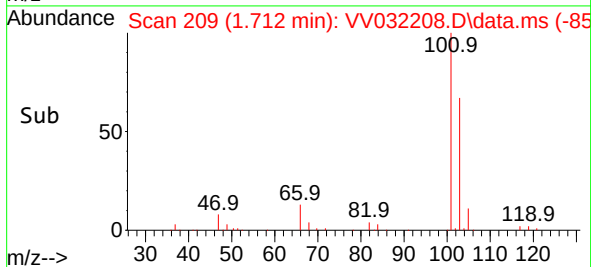
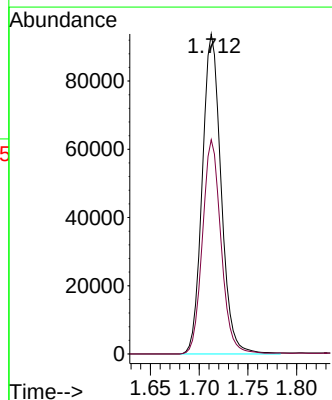
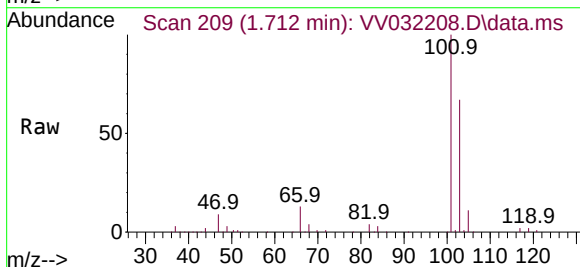
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MSVOA_V
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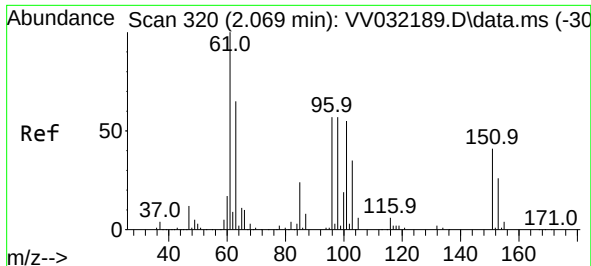
Tgt Ion: 64 Resp: 59750
Ion Ratio Lower Upper
64 100
66 31.9 23.0 42.6



#9
Trichlorofluoromethane
Concen: 52.220 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

Tgt Ion:101 Resp: 126117
Ion Ratio Lower Upper
101 100
103 65.9 52.1 78.1

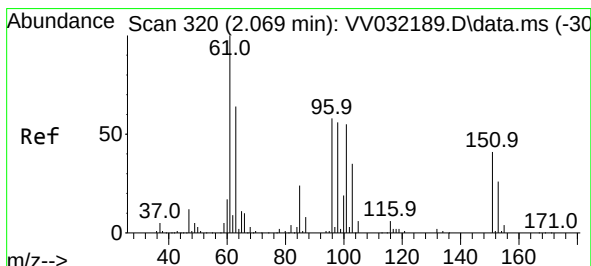
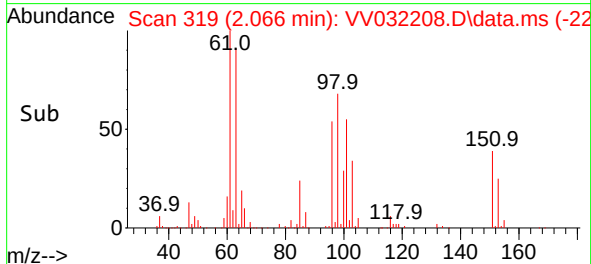
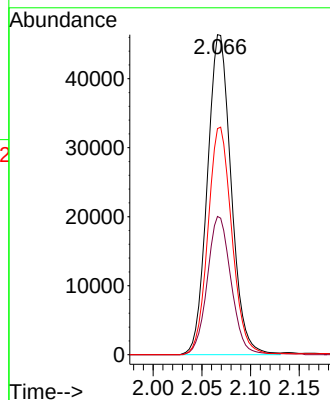
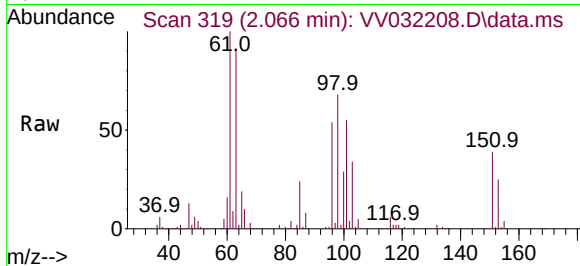




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.142 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV032208.D
 Acq: 03 Oct 2023 09:46

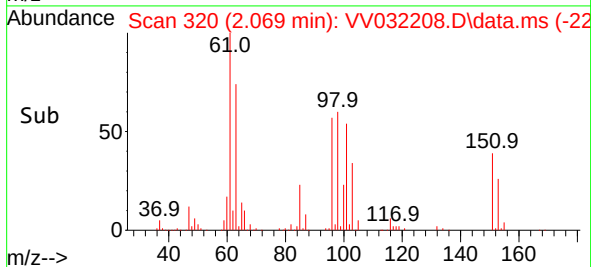
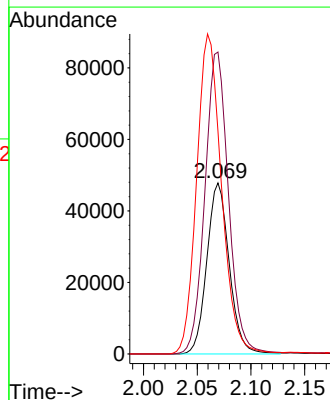
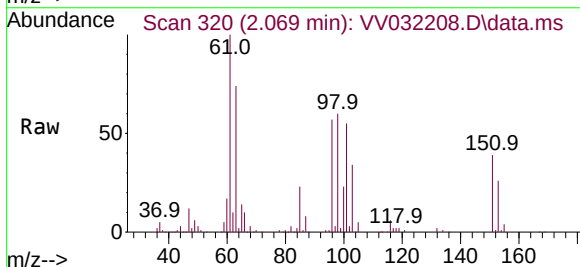
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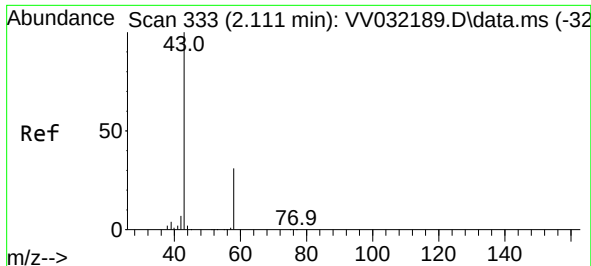
Tgt Ion:101 Resp: 78848
 Ion Ratio Lower Upper
 101 100
 85 43.1 35.4 53.2
 151 71.2 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 51.345 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV032208.D
 Acq: 03 Oct 2023 09:46

Tgt Ion: 96 Resp: 69186
 Ion Ratio Lower Upper
 96 100
 61 176.6 123.7 229.7
 63 130.3 89.9 167.0





#13

Acetone

Concen: 122.420 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

Instrument :

MSVOA_V

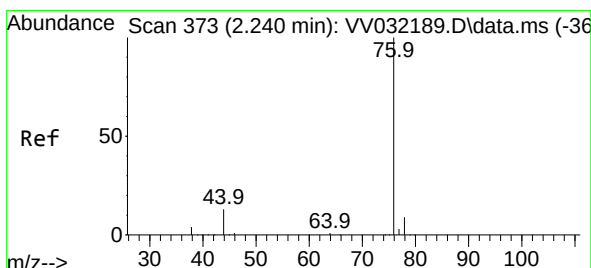
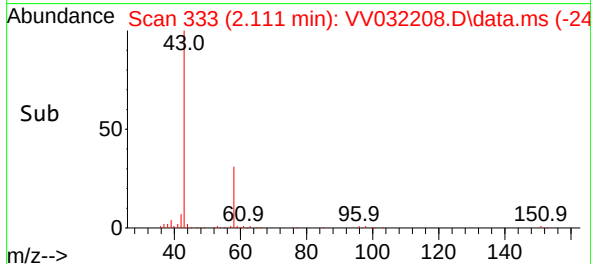
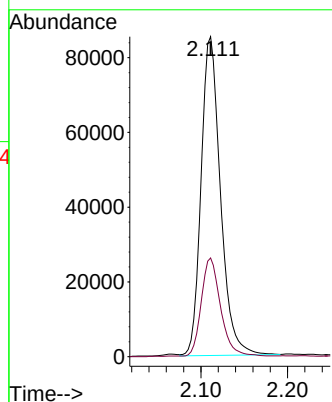
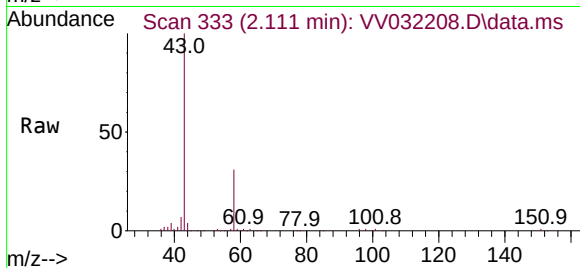
ClientSampleId :

Tgt Ion: 43 Resp: 132581

Ion Ratio Lower Upper

43 100

58 30.8 0.0 61.4



#14

Carbon disulfide

Concen: 49.264 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV032208.D

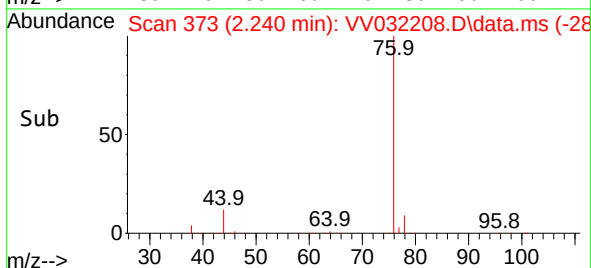
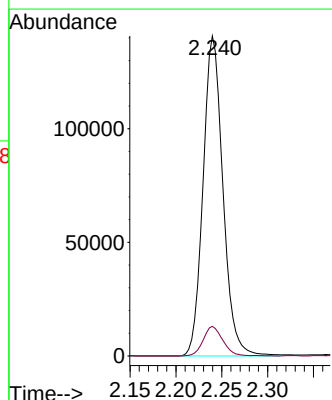
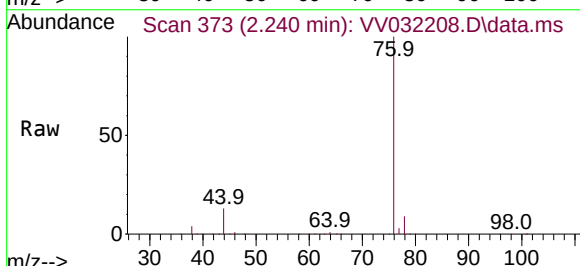
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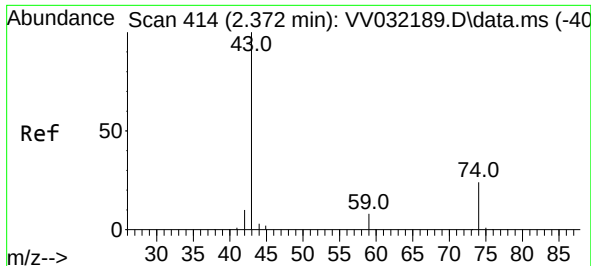
Tgt Ion: 76 Resp: 212441

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

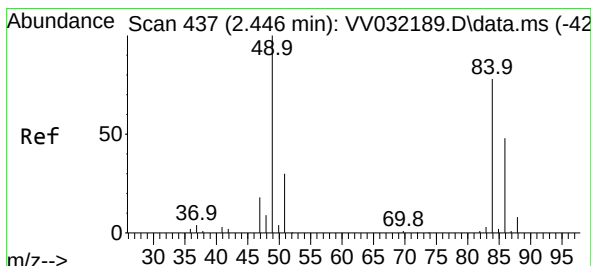
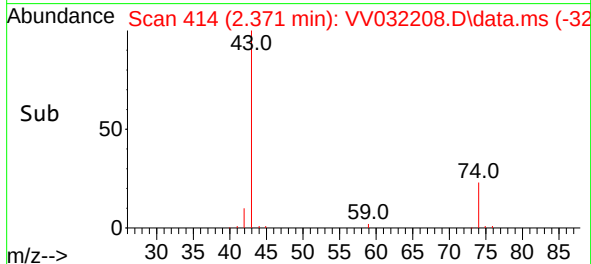
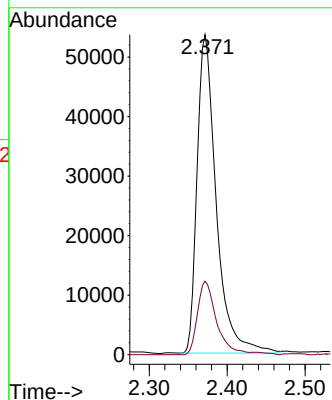
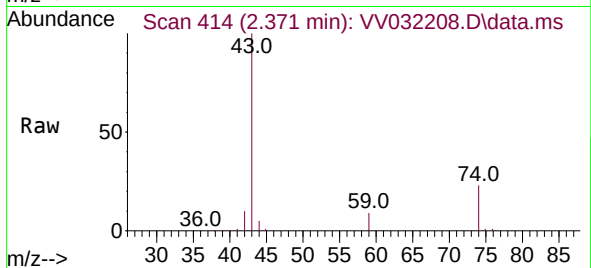




#15
Methyl Acetate
Concen: 47.365 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

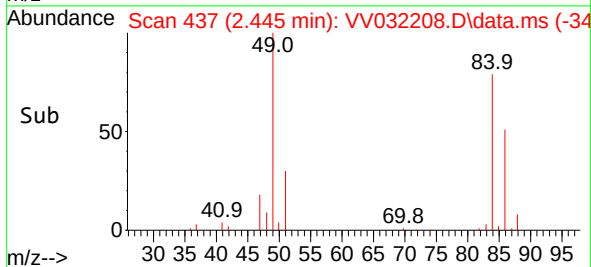
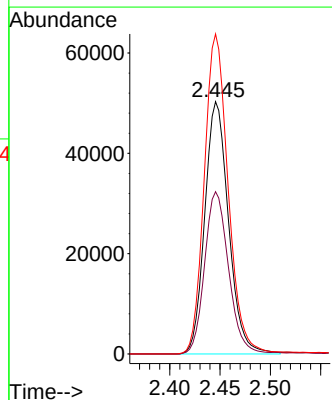
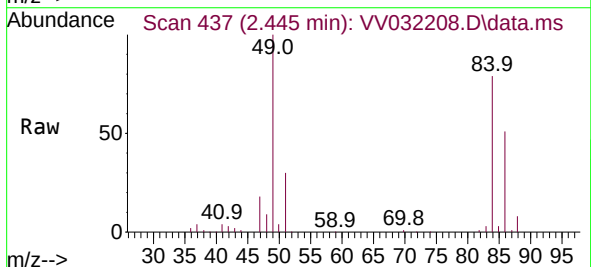
Instrument :
MSVOA_V
ClientSampleId :

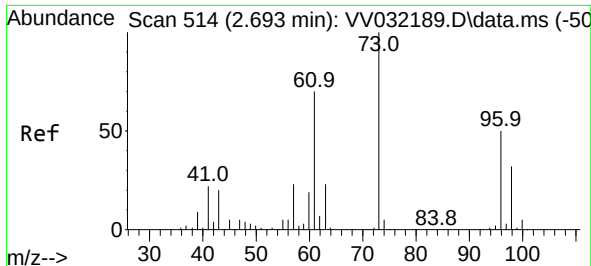
Tgt Ion: 43 Resp: 91516
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.8



#16
Methylene chloride
Concen: 48.773 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

Tgt Ion: 84 Resp: 82976
Ion Ratio Lower Upper
84 100
86 64.3 45.4 84.4
49 126.8 88.5 164.4





#17

trans-1,2-Dichloroethene

Concen: 49.431 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

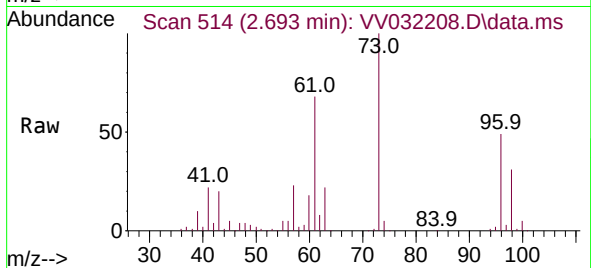
Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

Instrument :

MSVOA_V

ClientSampleId :



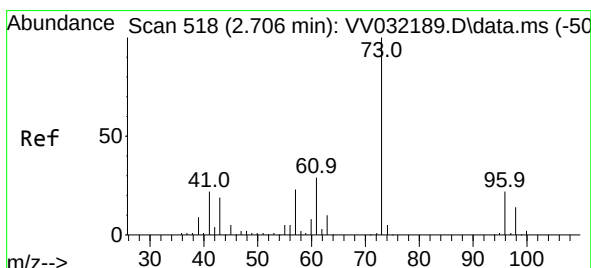
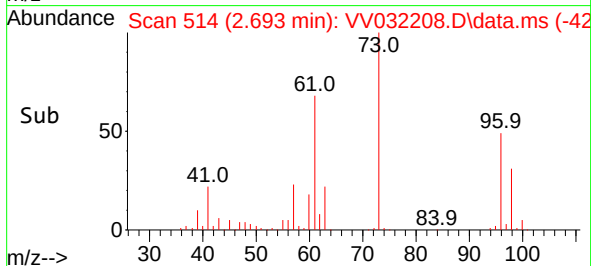
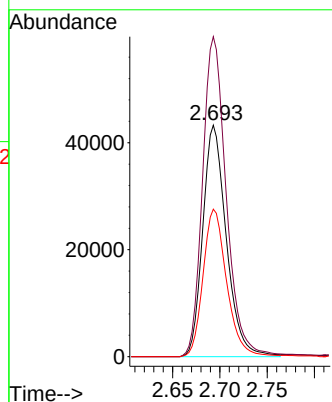
Tgt Ion: 96 Resp: 75083

Ion Ratio Lower Upper

96 100

61 138.2 97.4 180.8

98 63.7 45.2 84.0



#18

Methyl tert-butyl Ether

Concen: 48.849 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

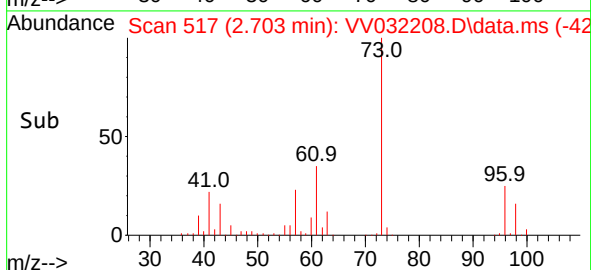
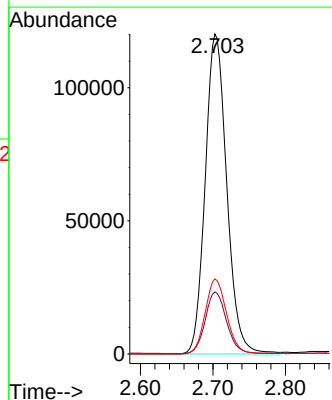
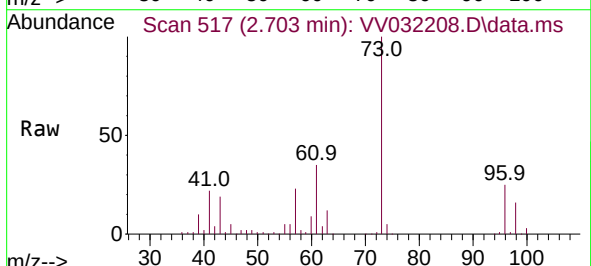
Tgt Ion: 73 Resp: 248245

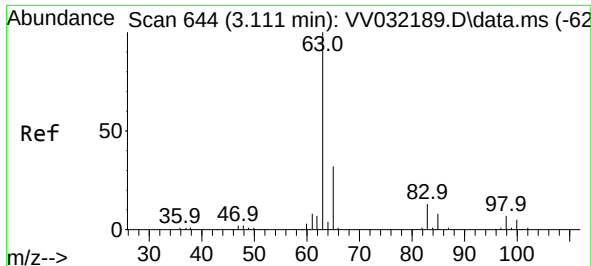
Ion Ratio Lower Upper

73 100

43 19.1 15.3 22.9

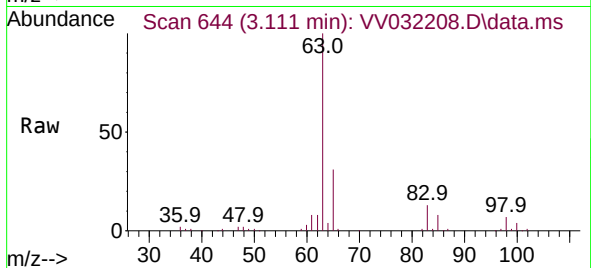
57 23.3 18.6 28.0



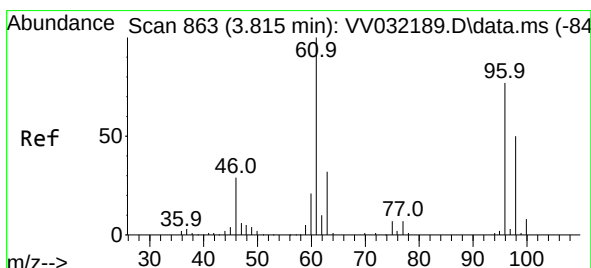
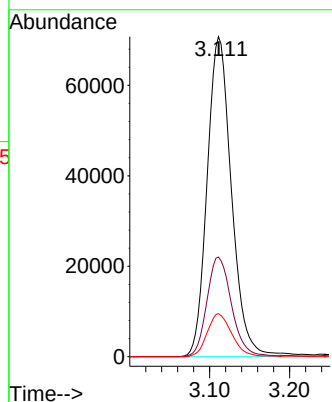
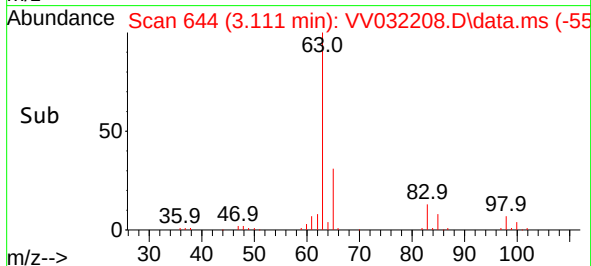


#19
 1,1-Dichloroethane
 Concen: 50.142 ug/L
 RT: 3.111 min Scan# 644
 Delta R.T. -0.000 min
 Lab File: VV032208.D
 Acq: 03 Oct 2023 09:46

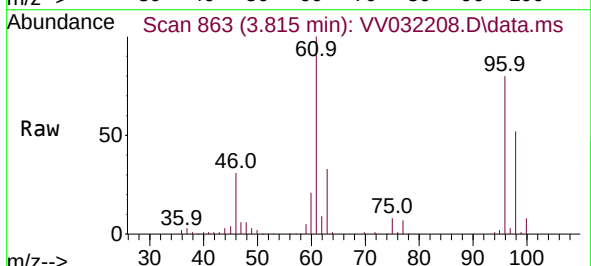
Instrument :
 MSVOA_V
 ClientSampleId :



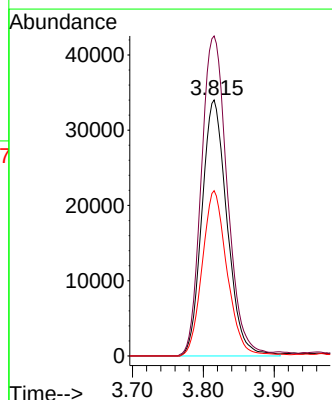
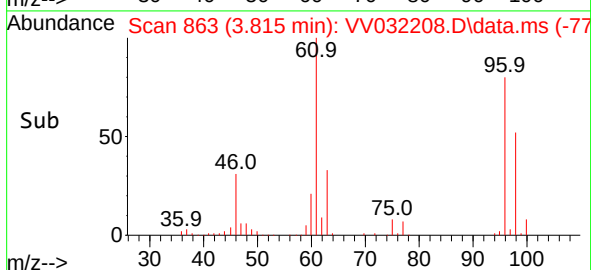
Tgt Ion: 63 Resp: 149341
 Ion Ratio Lower Upper
 63 100
 65 31.1 22.7 42.3
 83 13.4 9.4 17.6

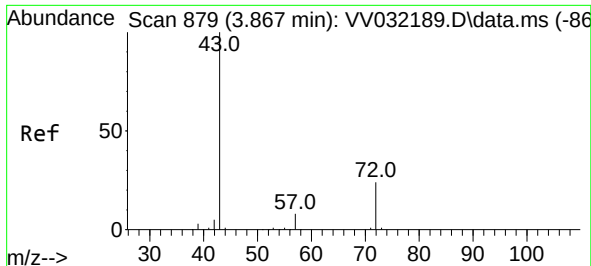


#20
 cis-1,2-Dichloroethene
 Concen: 49.086 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV032208.D
 Acq: 03 Oct 2023 09:46



Tgt Ion: 96 Resp: 83951
 Ion Ratio Lower Upper
 96 100
 61 125.0 88.3 164.1
 98 64.5 43.3 80.3

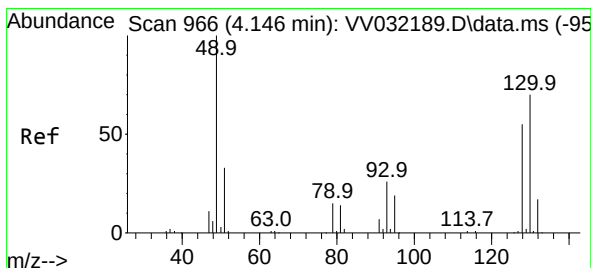
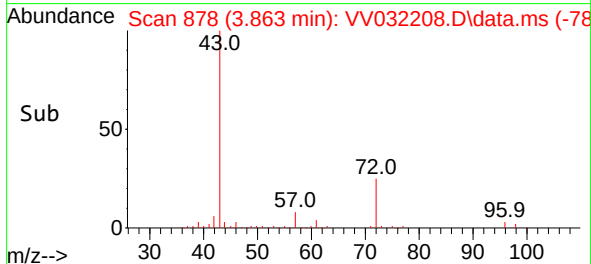
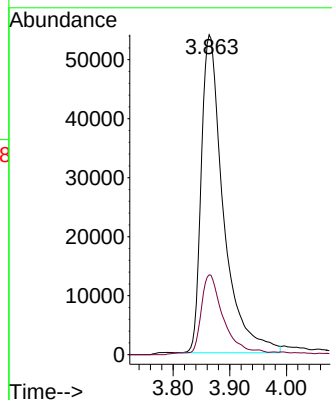
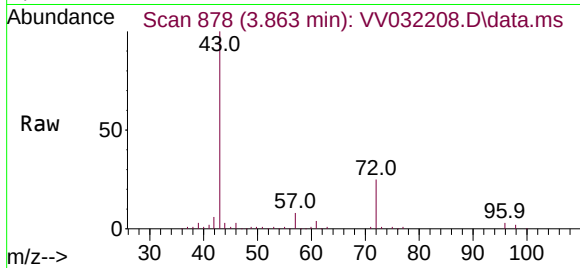




#22
2-Butanone
Concen: 100.723 ug/L
RT: 3.863 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

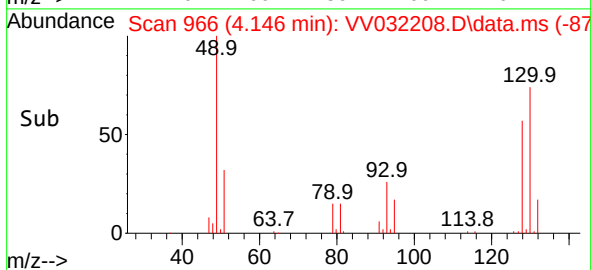
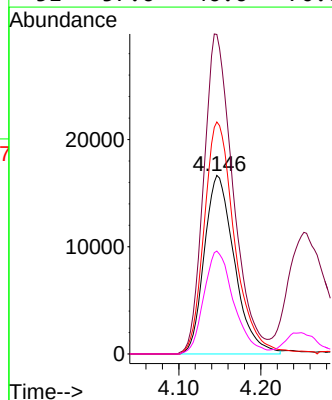
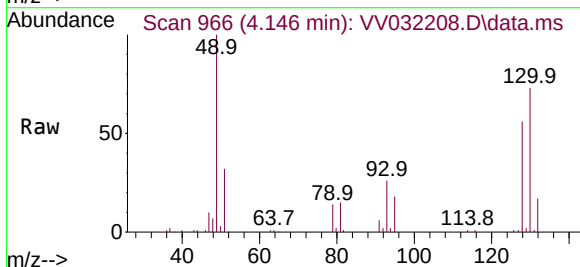
Instrument :
MSVOA_V
ClientSampleId :

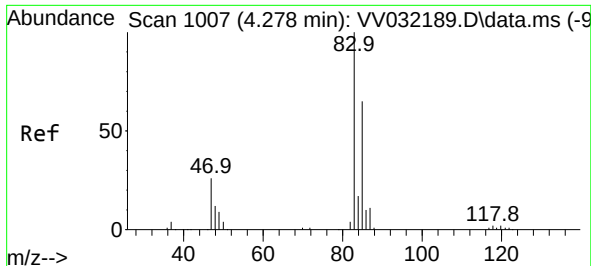
Tgt Ion: 43 Resp: 146449
Ion Ratio Lower Upper
43 100
72 23.5 12.0 36.0



#23
Bromochloromethane
Concen: 49.474 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

Tgt Ion:128 Resp: 42380
Ion Ratio Lower Upper
128 100
49 179.0 125.0 232.2
130 130.0 92.3 171.5
51 57.6 46.6 70.0

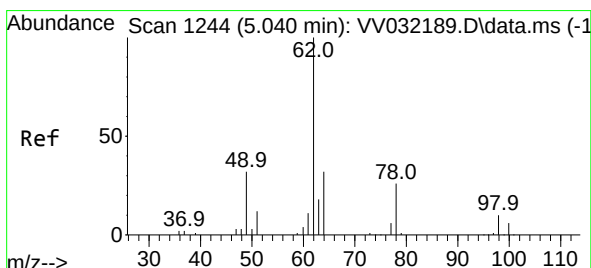
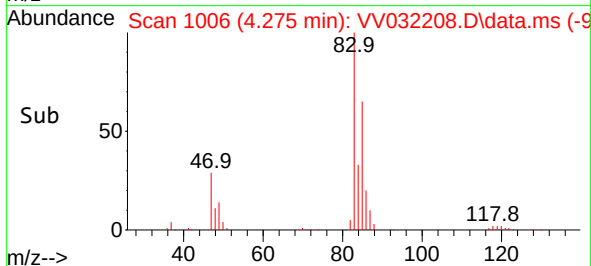
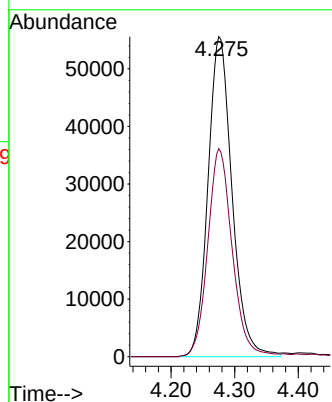
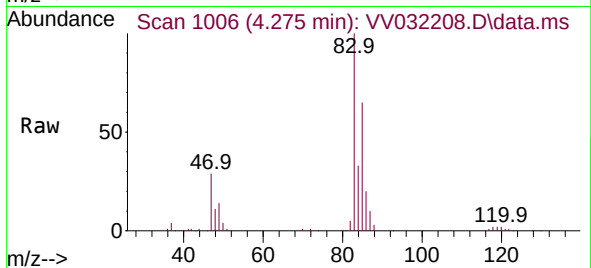




#25
Chloroform
Concen: 50.203 ug/L
RT: 4.275 min Scan# 1007
Delta R.T. -0.003 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

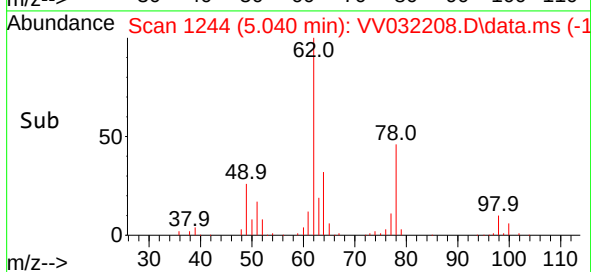
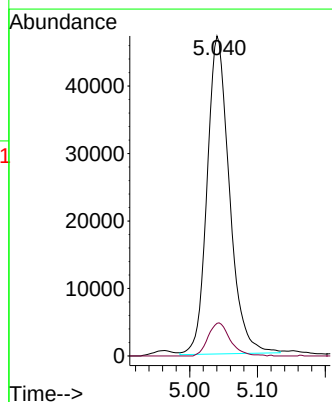
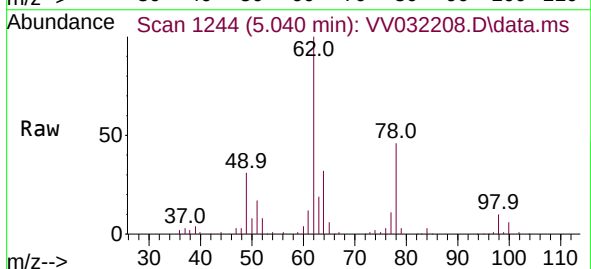
Instrument :
MSVOA_V
ClientSampleId :

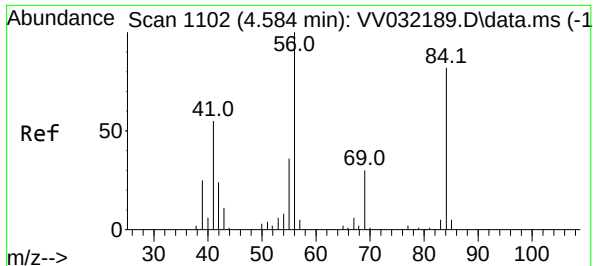
Tgt Ion: 83 Resp: 145958
Ion Ratio Lower Upper
83 100
85 65.0 45.6 84.6



#27
1,2-Dichloroethane
Concen: 49.087 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

Tgt Ion: 62 Resp: 107865
Ion Ratio Lower Upper
62 100
98 10.2 8.1 12.1





#29

Cyclohexane

Concen: 47.649 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

Instrument :

MSVOA_V

ClientSampleId :

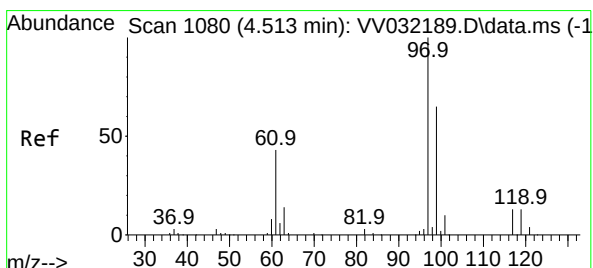
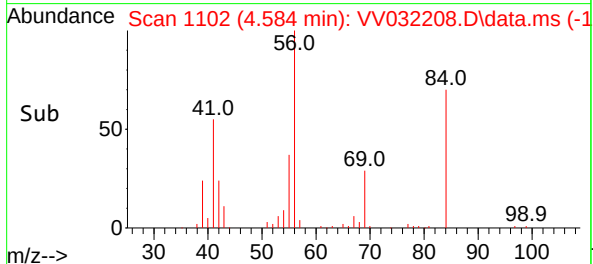
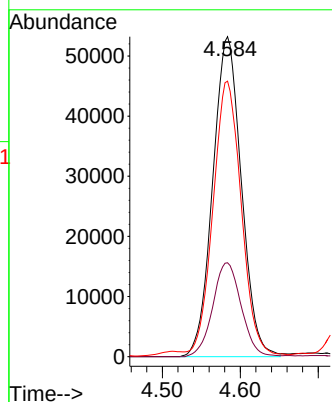
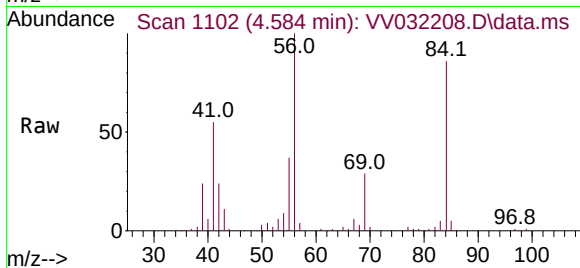
Tgt Ion: 56 Resp: 135587

Ion Ratio Lower Upper

56 100

69 29.2 23.3 34.9

84 84.9 66.2 99.2



#30

1,1,1-Trichloroethane

Concen: 49.456 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

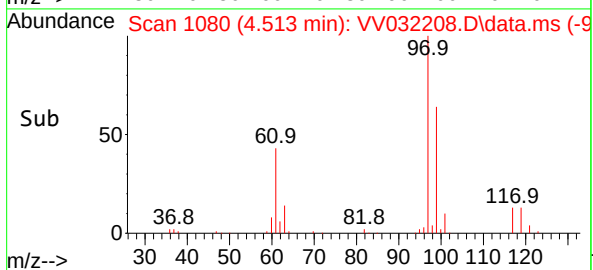
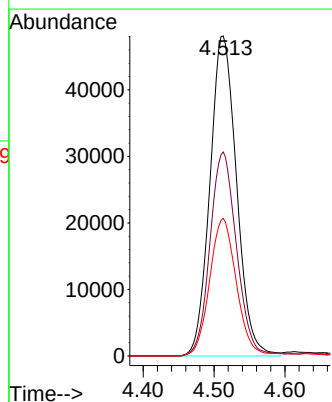
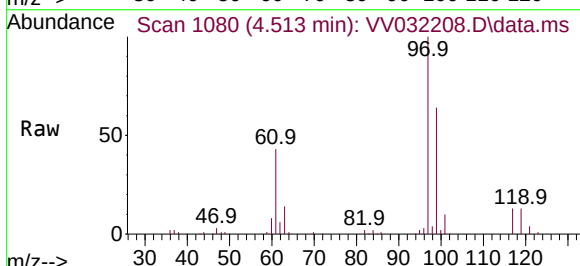
Tgt Ion: 97 Resp: 125704

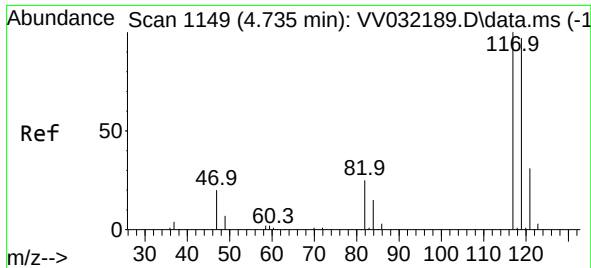
Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

61 43.0 35.0 52.6

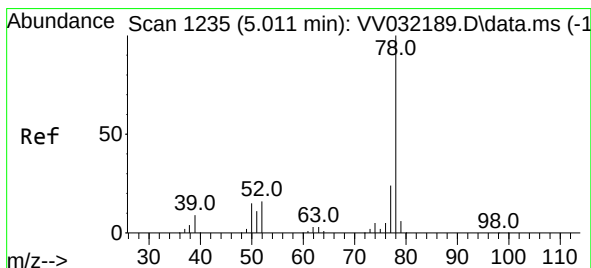
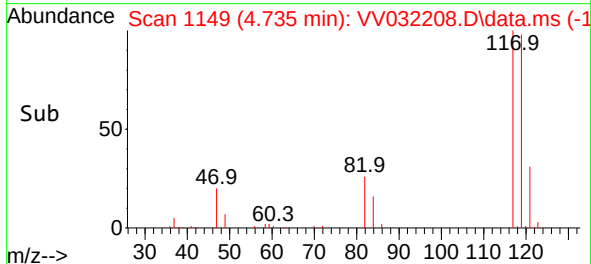
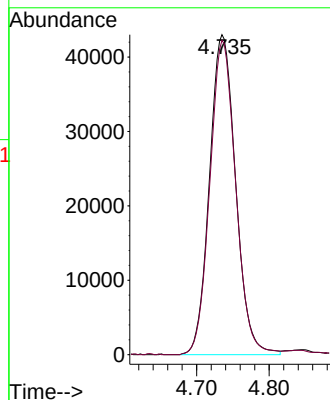
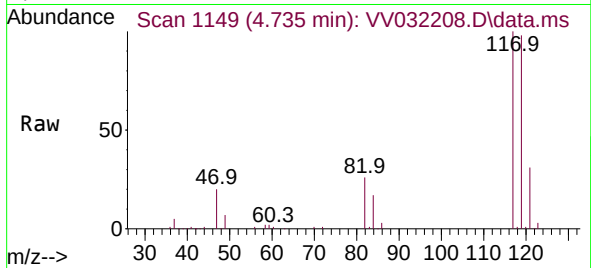




#31
Carbon tetrachloride
Concen: 49.111 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

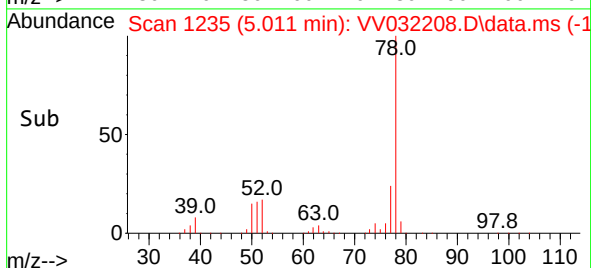
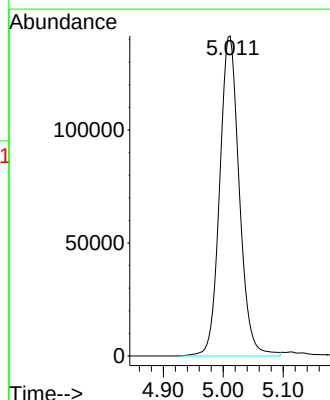
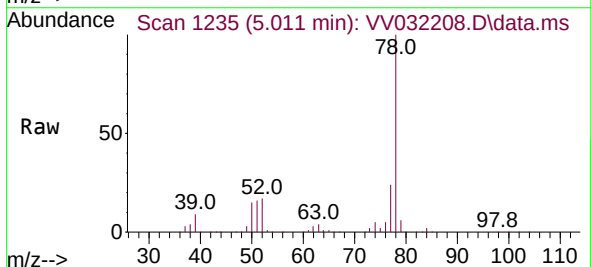
Instrument :
MSVOA_V
ClientSampleId :

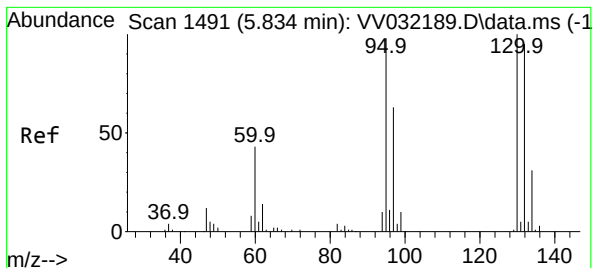
Tgt Ion:117 Resp: 107801
Ion Ratio Lower Upper
117 100
119 97.1 76.6 115.0



#33
Benzene
Concen: 49.270 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

Tgt Ion: 78 Resp: 320350





#34

Trichloroethene

Concen: 49.255 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 88171

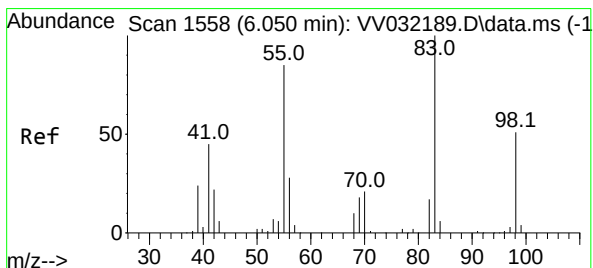
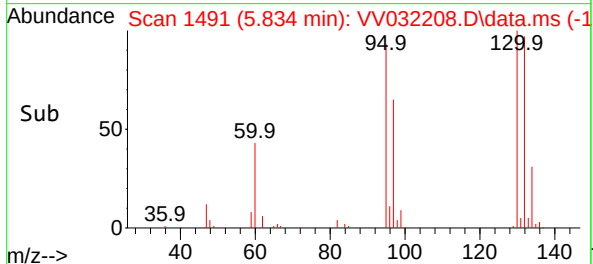
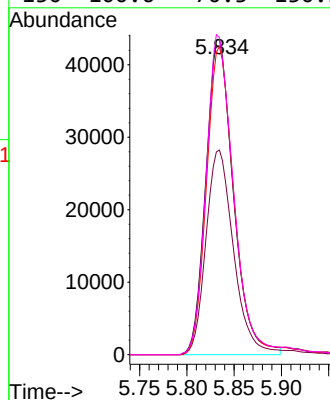
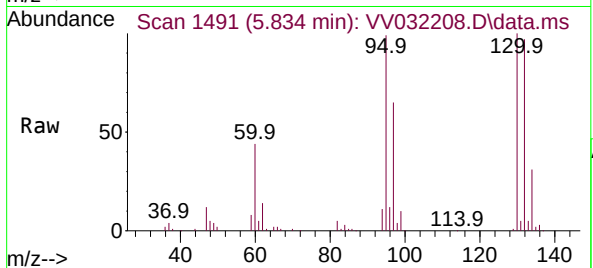
Ion Ratio Lower Upper

95 100

97 64.9 45.4 84.4

132 97.7 66.1 122.7

130 100.6 70.3 130.5



#35

Methylcyclohexane

Concen: 48.929 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

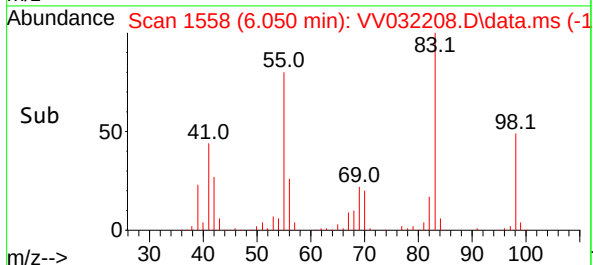
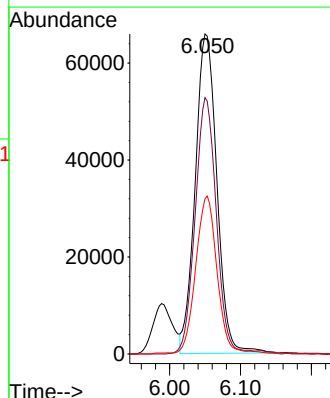
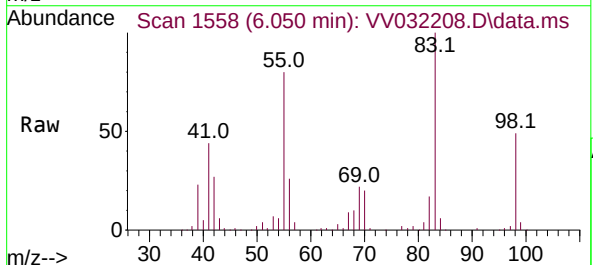
Tgt Ion: 83 Resp: 140035

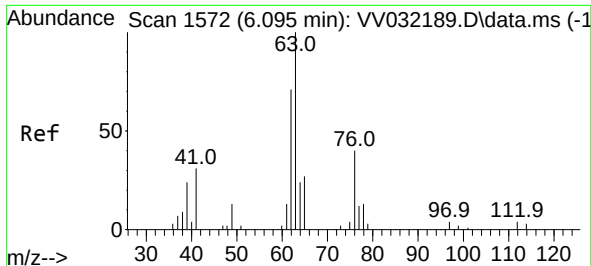
Ion Ratio Lower Upper

83 100

55 78.1 62.9 94.3

98 47.5 38.9 58.3





#37

1,2-Dichloropropane

Concen: 50.485 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

Instrument :

MSVOA_V

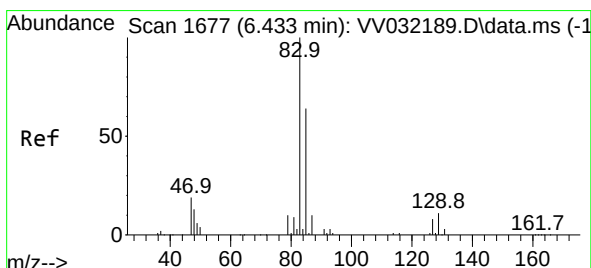
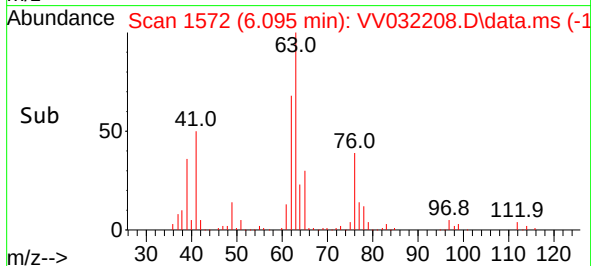
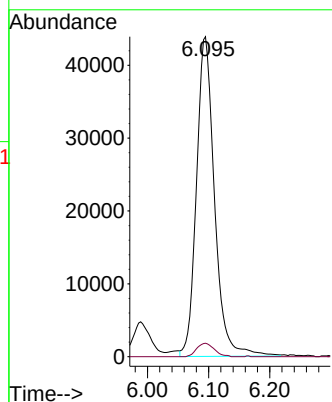
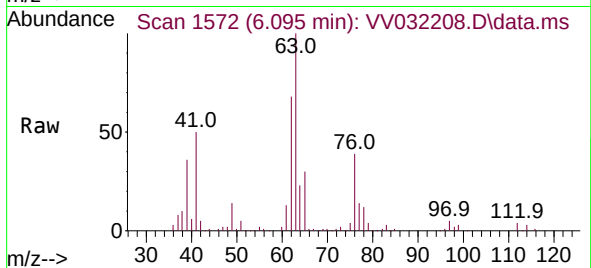
ClientSampleId :

Tgt Ion: 63 Resp: 90069

Ion Ratio Lower Upper

63 100

112 4.1 3.7 5.5



#38

Bromodichloromethane

Concen: 49.943 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

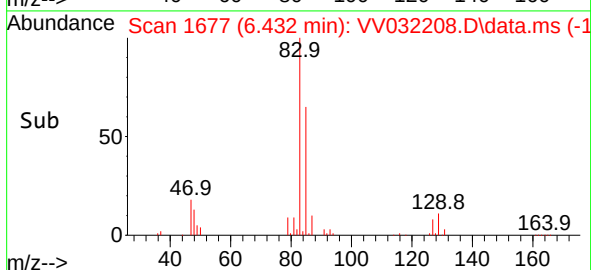
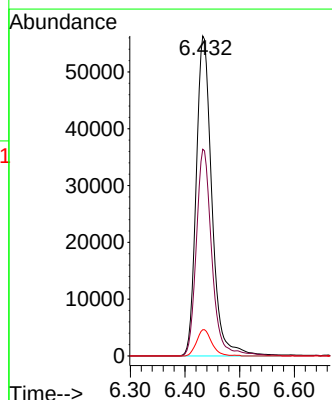
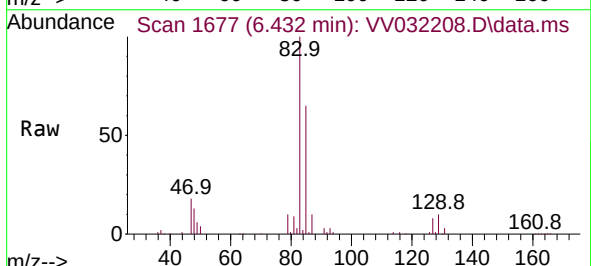
Tgt Ion: 83 Resp: 112008

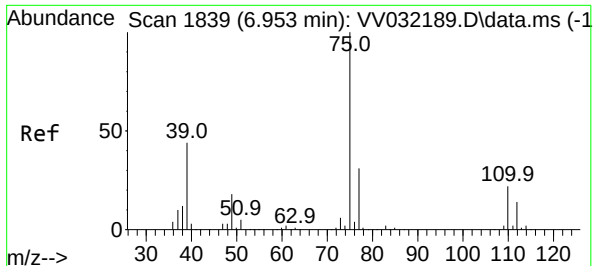
Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.9

127 8.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 49.315 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

Instrument :

MSVOA_V

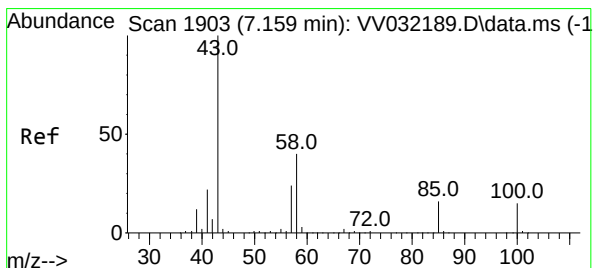
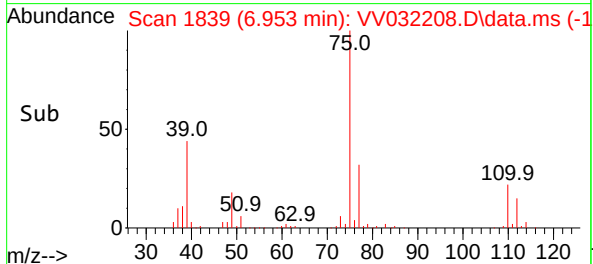
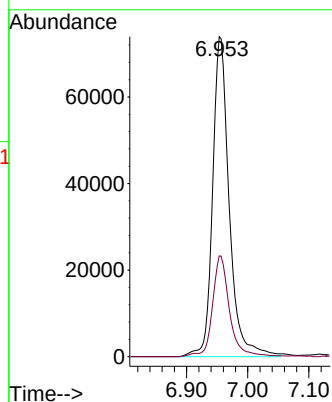
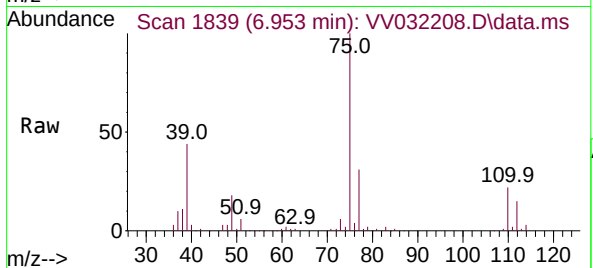
ClientSampleId :

Tgt Ion: 75 Resp: 139528

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 93.692 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

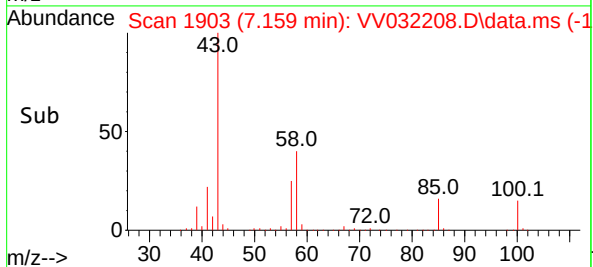
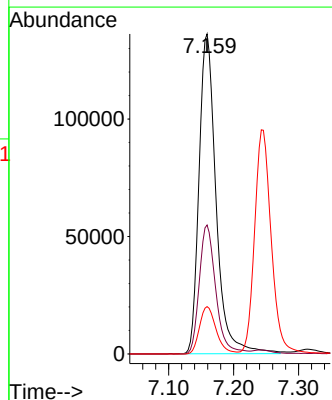
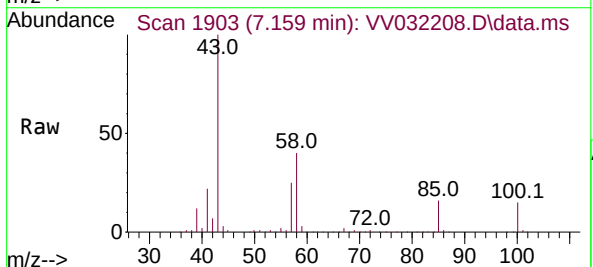
Tgt Ion: 43 Resp: 249125

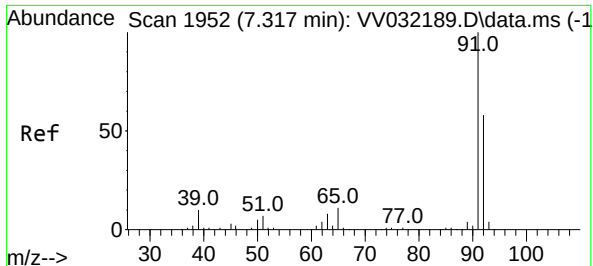
Ion Ratio Lower Upper

43 100

58 39.0 31.0 46.6

100 14.5 11.6 17.4





#42

Toluene

Concen: 49.041 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

Instrument :

MSVOA_V

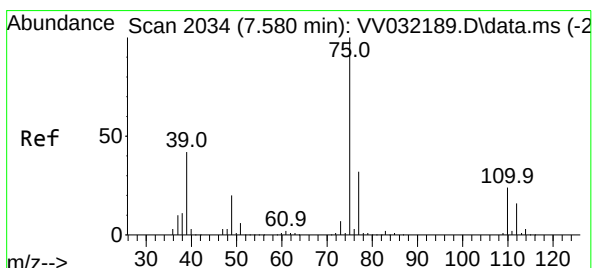
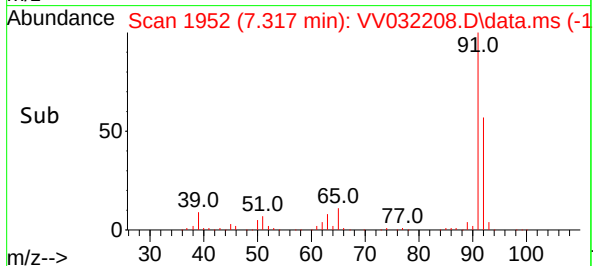
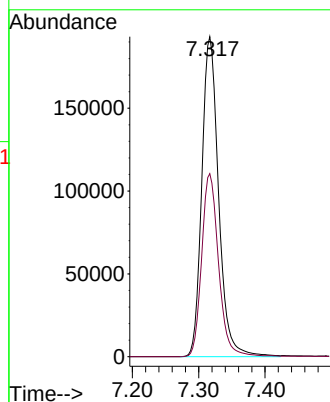
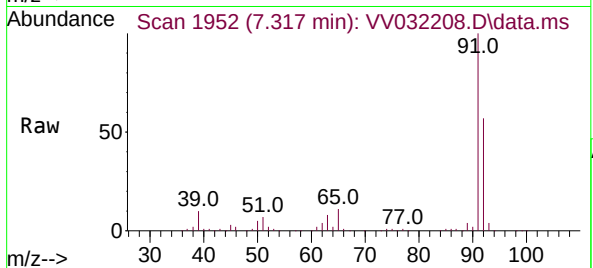
ClientSampleId :

Tgt Ion: 91 Resp: 340437

Ion Ratio Lower Upper

91 100

92 57.2 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 49.113 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV032208.D

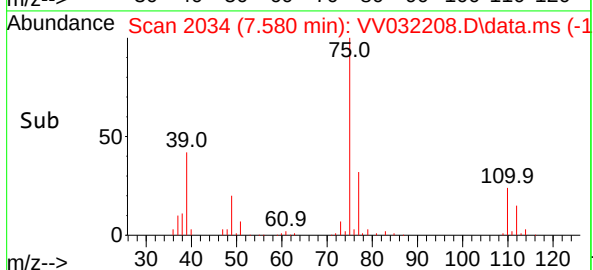
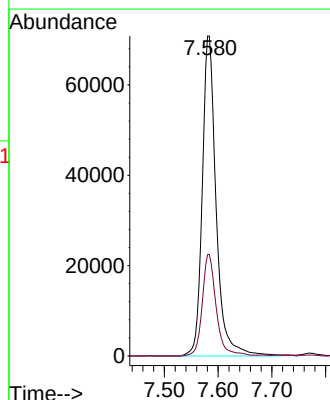
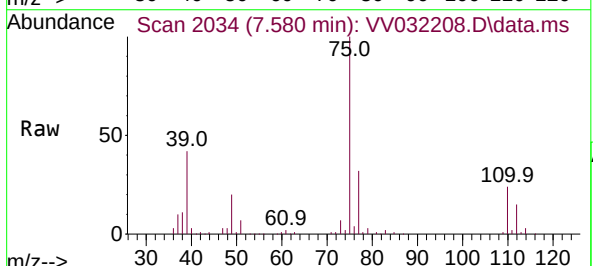
Acq: 03 Oct 2023 09:46

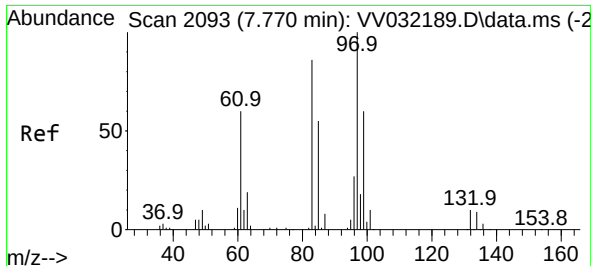
Tgt Ion: 75 Resp: 127252

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 49.165 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. -0.000 min

Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 83669

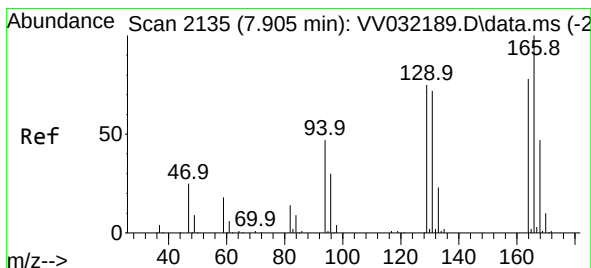
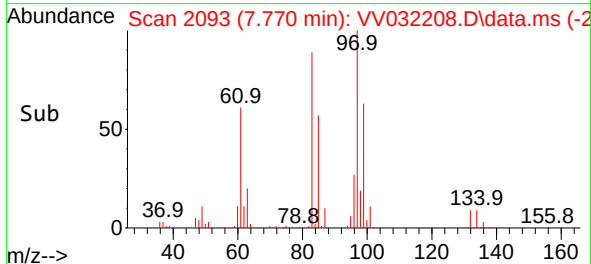
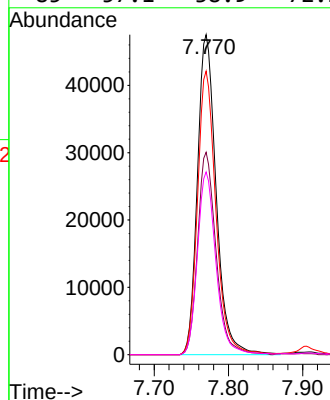
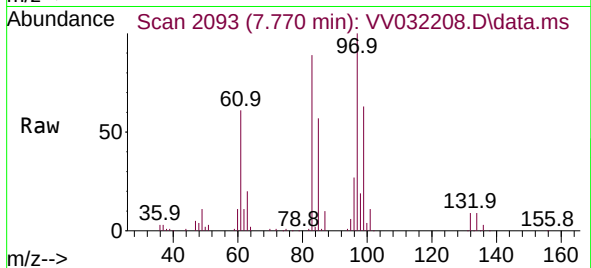
Ion Ratio Lower Upper

97 100

99 63.3 43.3 80.3

83 88.6 60.8 113.0

85 57.1 38.9 72.2



#46

Tetrachloroethene

Concen: 49.885 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

Tgt Ion:164 Resp: 64890

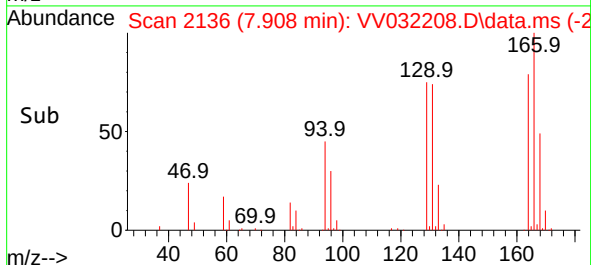
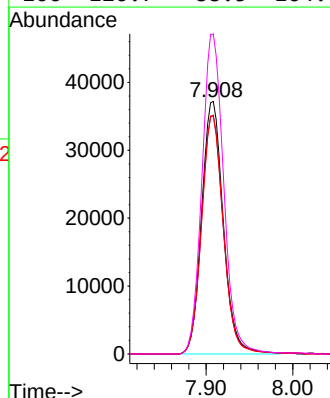
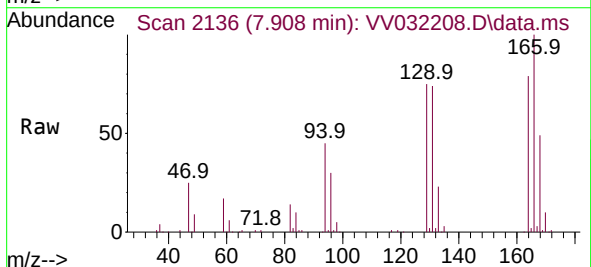
Ion Ratio Lower Upper

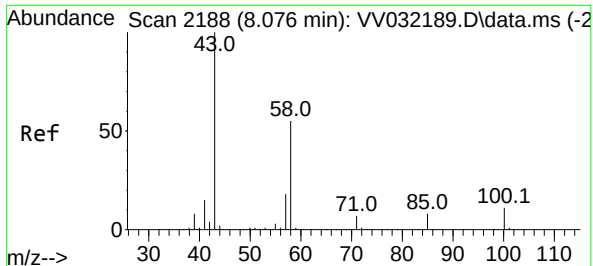
164 100

129 94.5 67.5 125.3

131 94.2 63.8 118.4

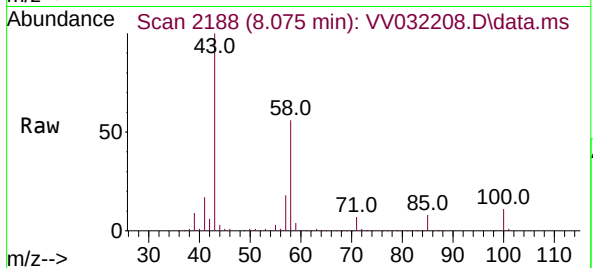
166 126.7 88.5 164.4





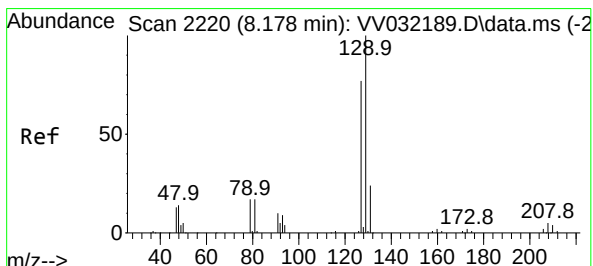
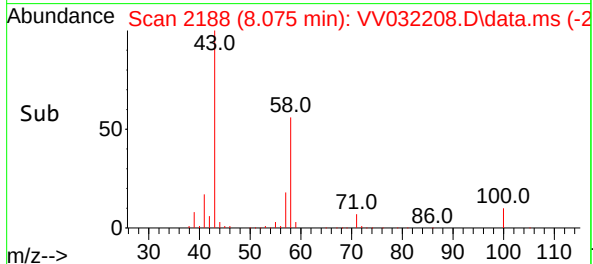
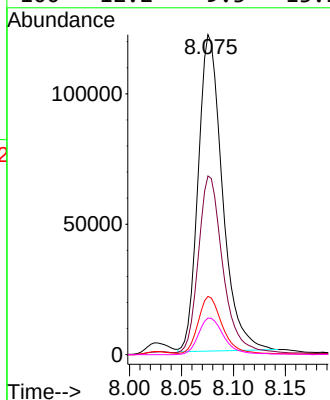
#48
2-Hexanone
Concen: 94.918 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 197161

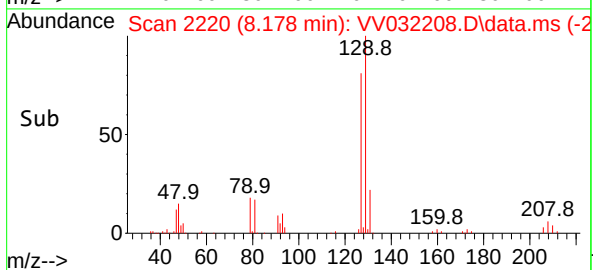
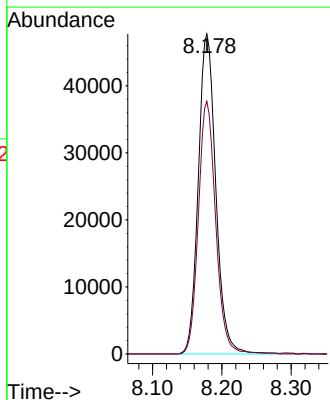
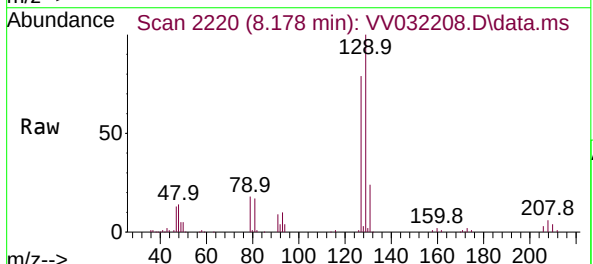
Ion	Ratio	Lower	Upper
43	100		
58	57.0	44.5	66.7
57	18.2	13.9	20.9
100	12.2	9.3	13.9

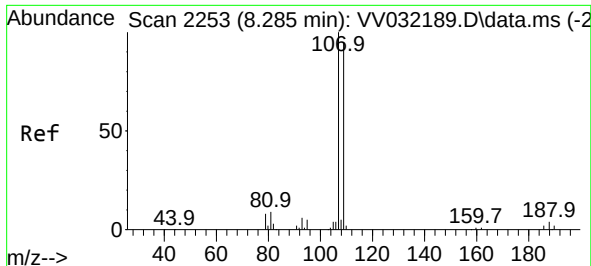


#49
Dibromochloromethane
Concen: 49.619 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

Tgt Ion: 129 Resp: 83959

Ion	Ratio	Lower	Upper
129	100		
127	79.0	54.9	101.9

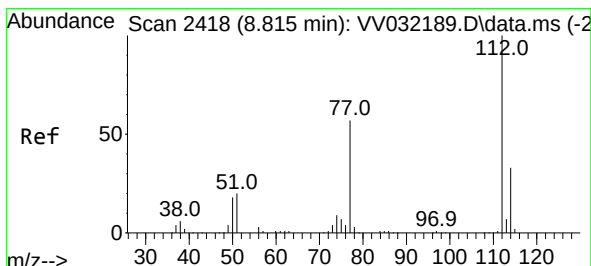
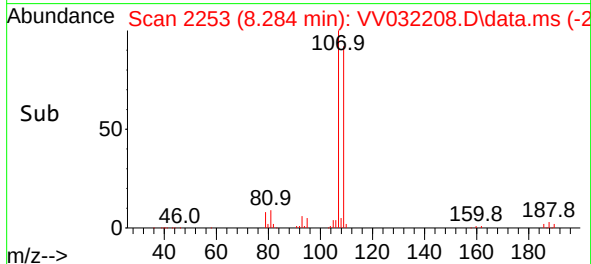
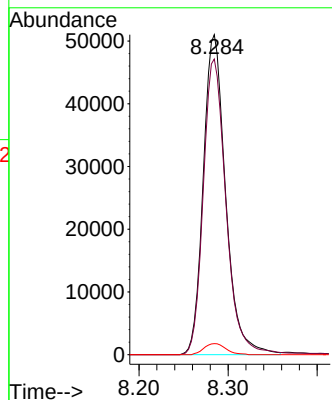
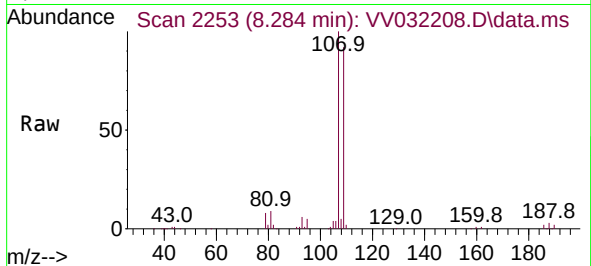




#50
1,2-Dibromoethane
Concen: 49.036 ug/L
RT: 8.284 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

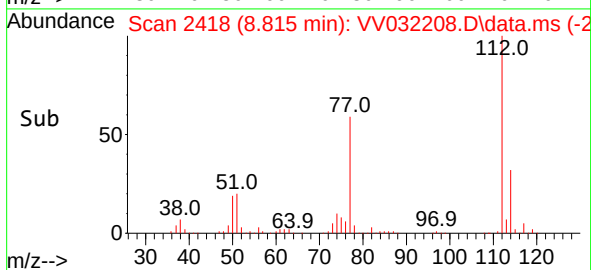
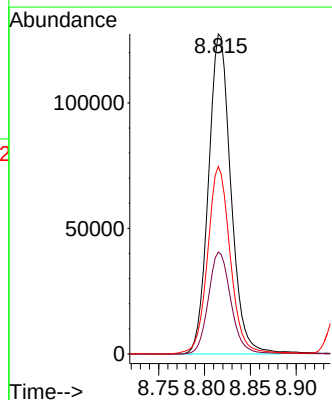
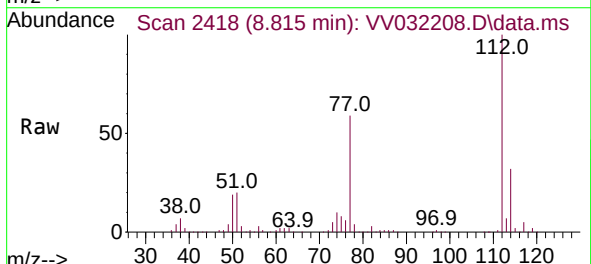
Instrument :
MSVOA_V
ClientSampleId :

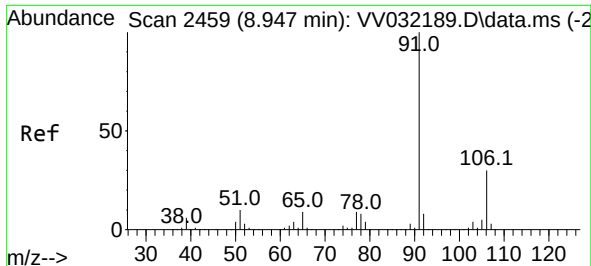
Tgt Ion:107 Resp: 88859
Ion Ratio Lower Upper
107 100
109 92.4 65.2 121.2
188 3.5 3.0 4.6



#51
Chlorobenzene
Concen: 48.409 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

Tgt Ion:112 Resp: 216823
Ion Ratio Lower Upper
112 100
114 31.8 22.5 41.9
77 58.6 46.7 70.1

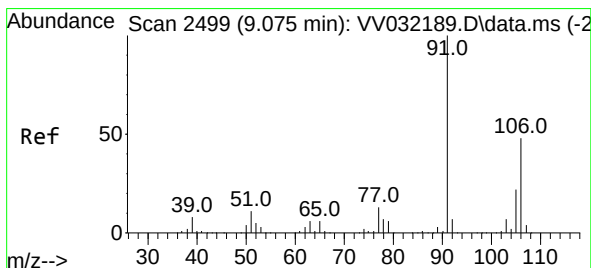
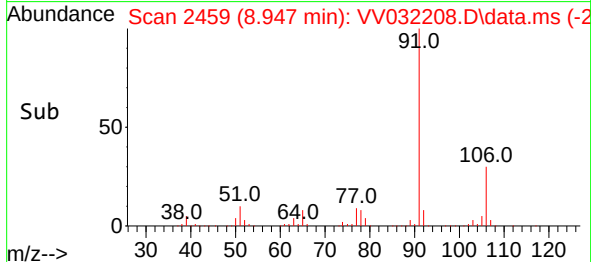
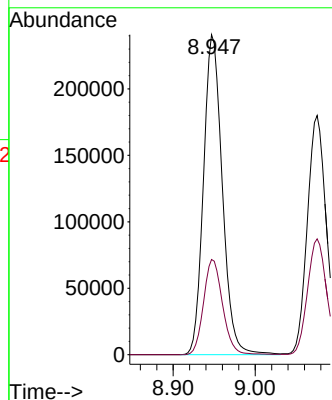
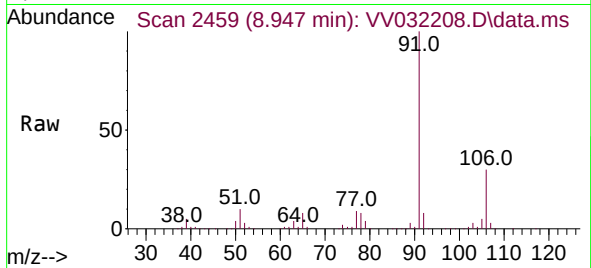




#52
Ethylbenzene
Concen: 49.476 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

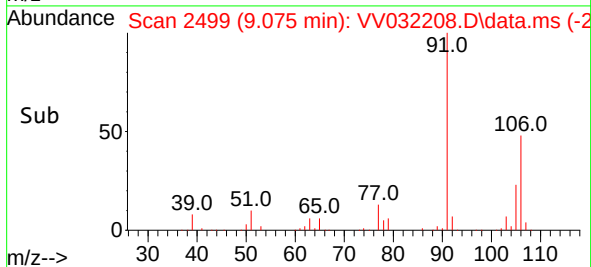
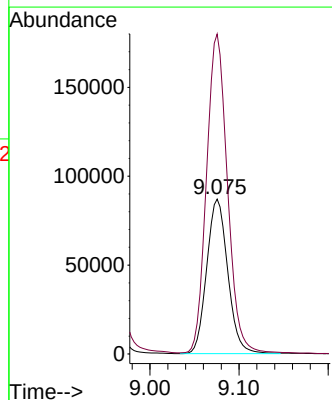
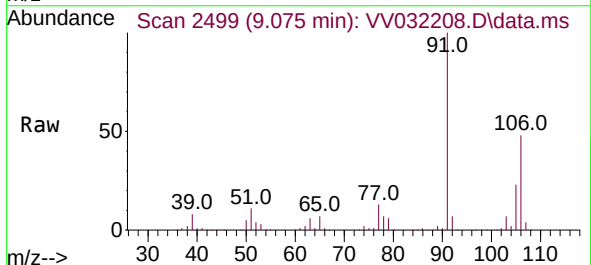
Instrument :
MSVOA_V
ClientSampleId :

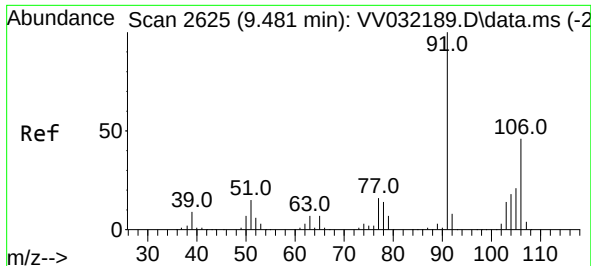
Tgt Ion: 91 Resp: 383644
Ion Ratio Lower Upper
91 100
106 29.8 20.9 38.7



#53
m,p-Xylene
Concen: 49.270 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

Tgt Ion: 106 Resp: 142342
Ion Ratio Lower Upper
106 100
91 206.5 143.8 267.0

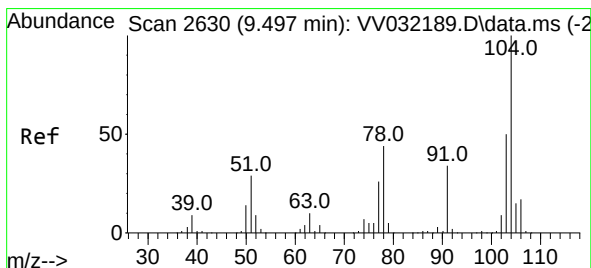
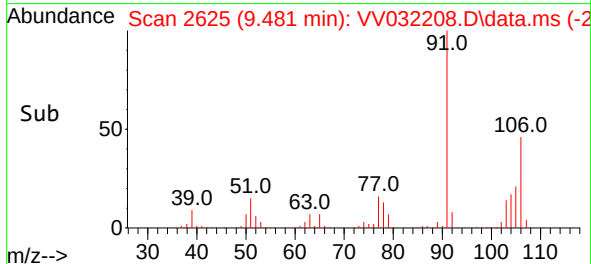
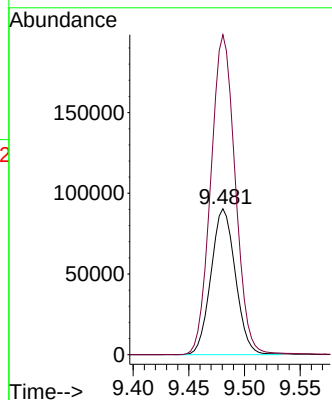
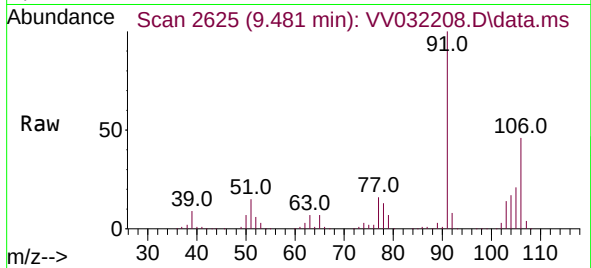




#54
o-Xylene
Concen: 48.472 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

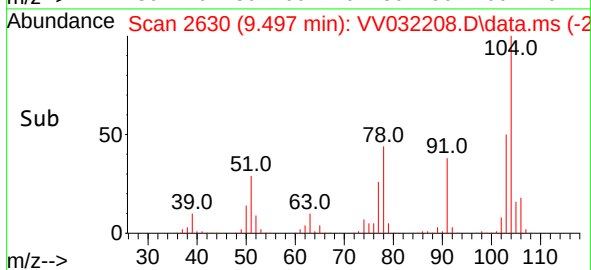
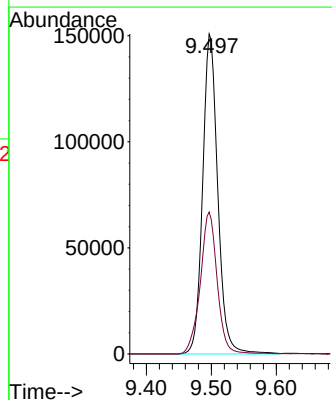
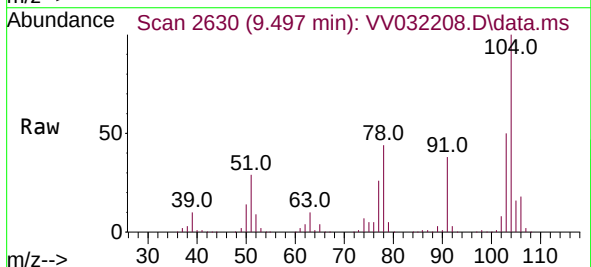
Instrument :
MSVOA_V
ClientSampleId :

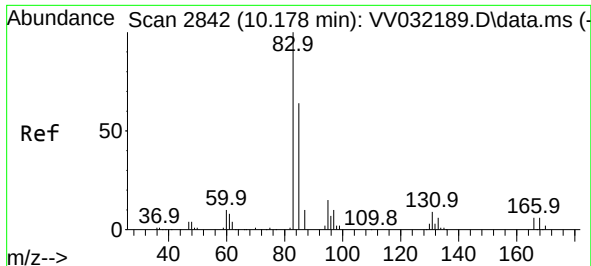
Tgt Ion:106 Resp: 137953
Ion Ratio Lower Upper
106 100
91 219.3 153.4 284.8



#55
Styrene
Concen: 50.441 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

Tgt Ion:104 Resp: 244912
Ion Ratio Lower Upper
104 100
78 44.4 30.4 56.5

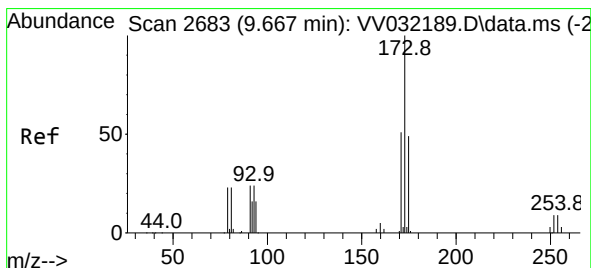
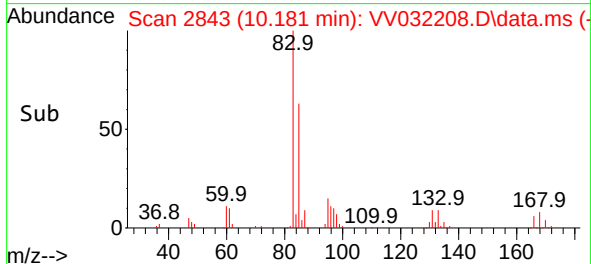
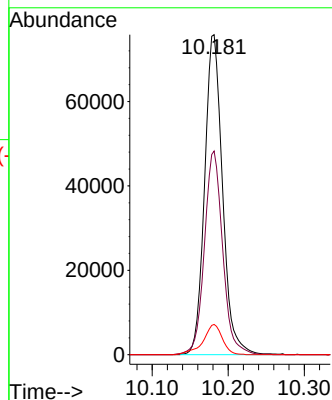
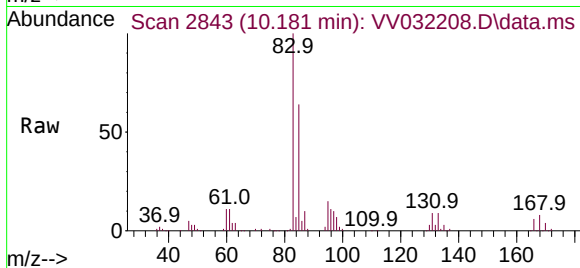




#57
1,1,2,2-Tetrachloroethane
Concen: 46.800 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

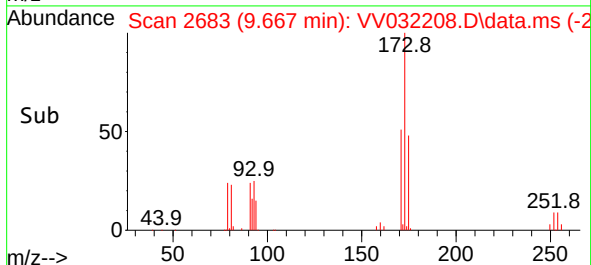
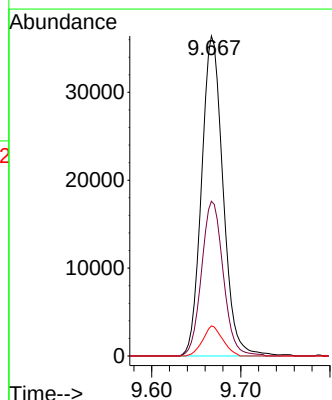
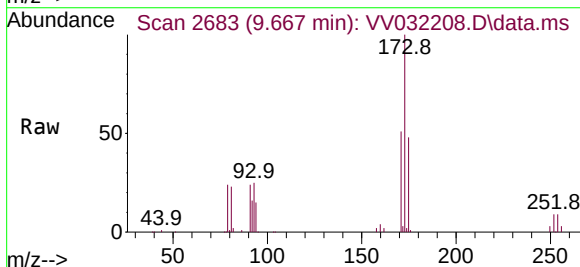
Instrument :
MSVOA_V
ClientSampleId :

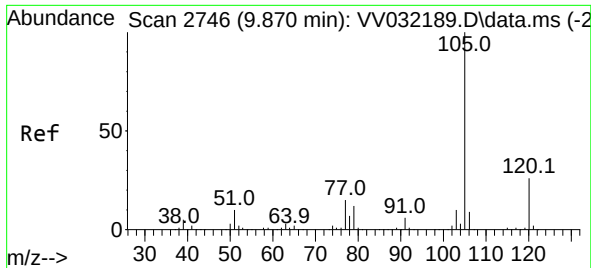
Tgt Ion: 83 Resp: 124102
Ion Ratio Lower Upper
83 100
85 63.6 44.7 82.9
131 9.4 7.4 11.0



#59
Bromoform
Concen: 48.005 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

Tgt Ion: 173 Resp: 60984
Ion Ratio Lower Upper
173 100
175 48.8 39.5 59.3
254 8.7 7.0 10.4

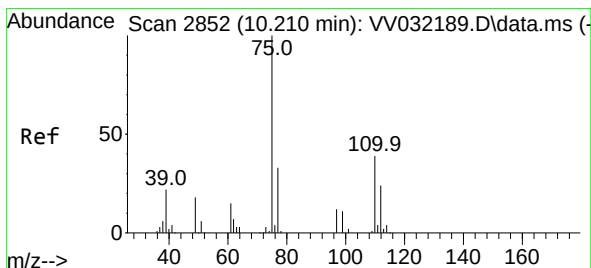
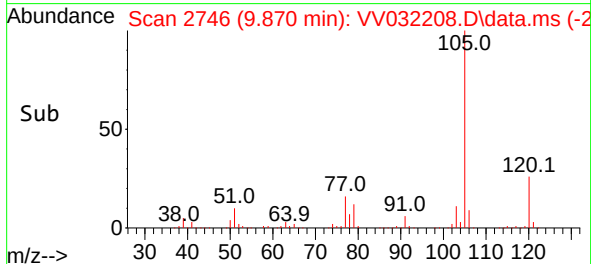
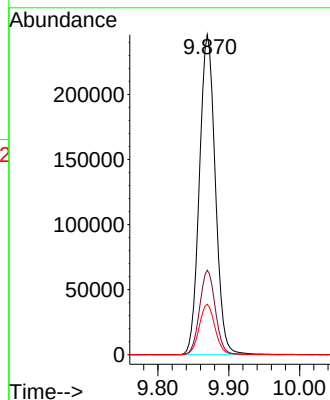
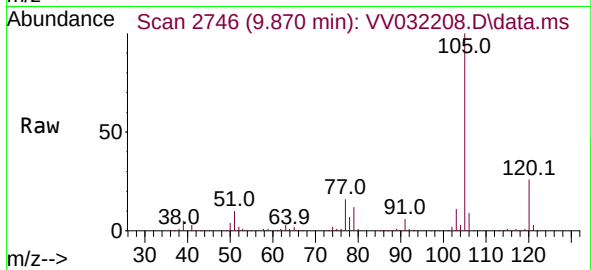




#60
Isopropylbenzene
Concen: 48.166 ug/L
RT: 9.870 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

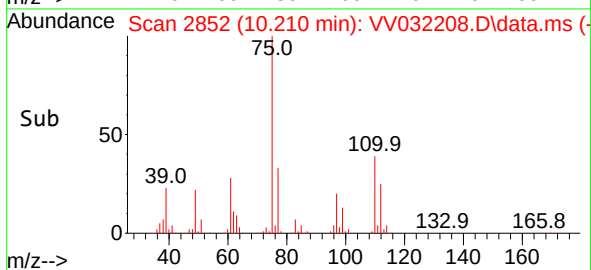
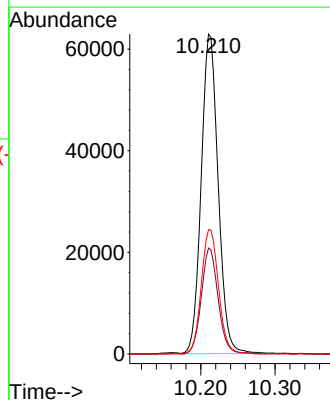
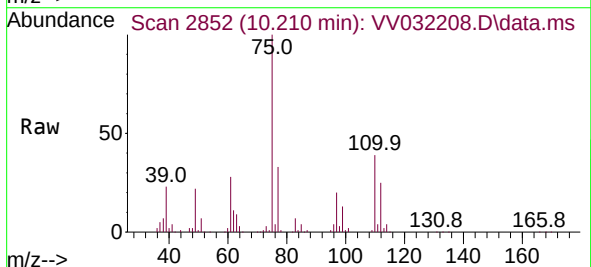
Instrument :
MSVOA_V
ClientSampleId :

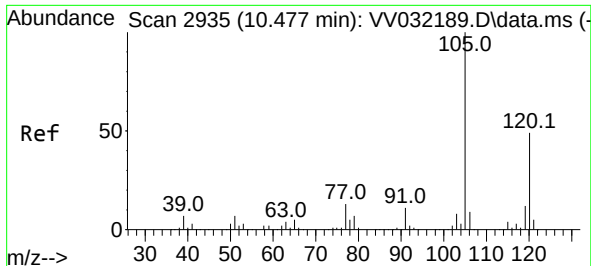
Tgt Ion:105 Resp: 383253
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 15.8 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 44.902 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

Tgt Ion: 75 Resp: 99786
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
110 39.5 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 48.039 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

Instrument :

MSVOA_V

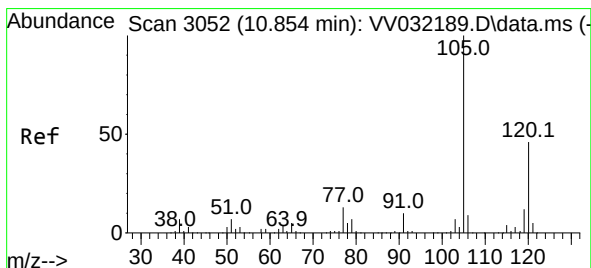
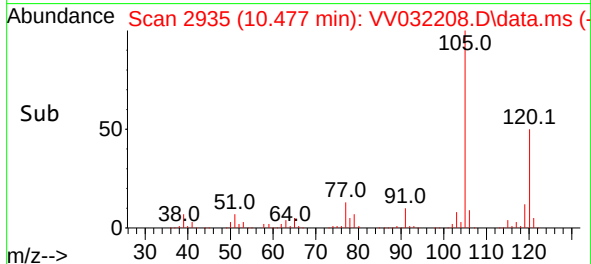
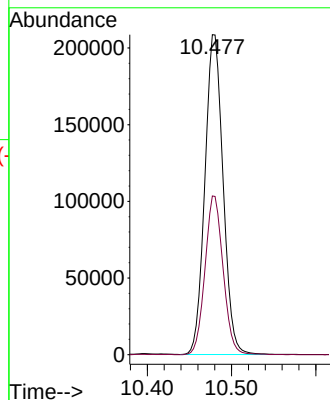
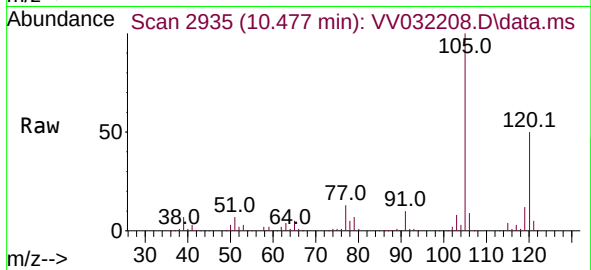
ClientSampleId :

Tgt Ion:105 Resp: 314046

Ion Ratio Lower Upper

105 100

120 49.4 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 48.033 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VV032208.D

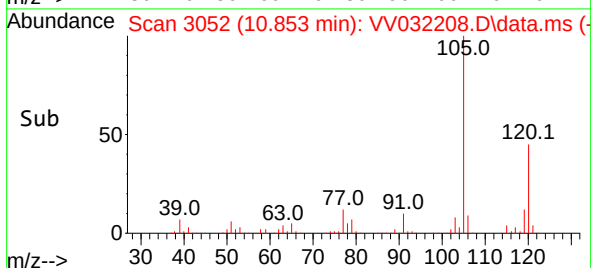
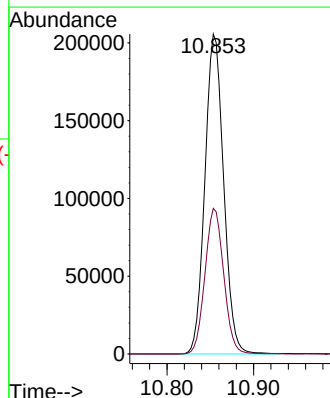
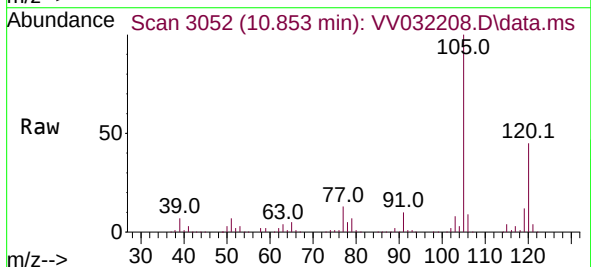
Acq: 03 Oct 2023 09:46

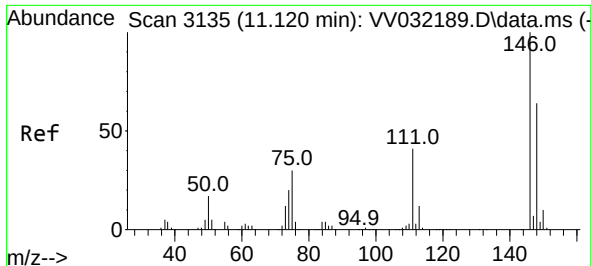
Tgt Ion:105 Resp: 308867

Ion Ratio Lower Upper

105 100

120 45.6 36.5 54.7

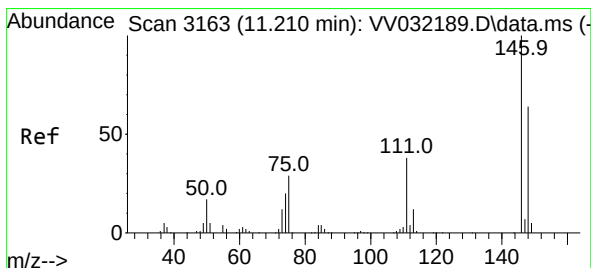
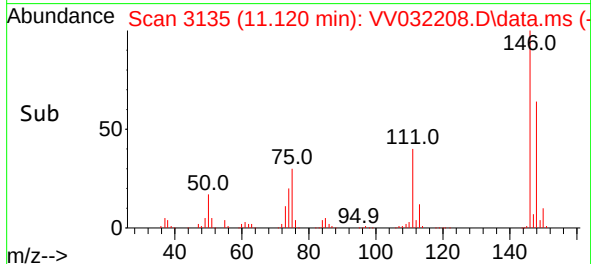
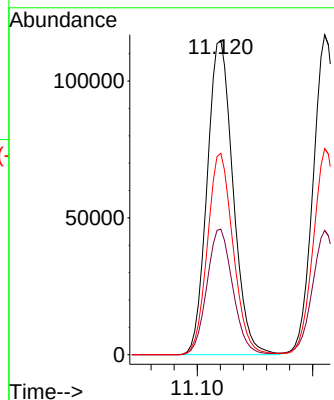
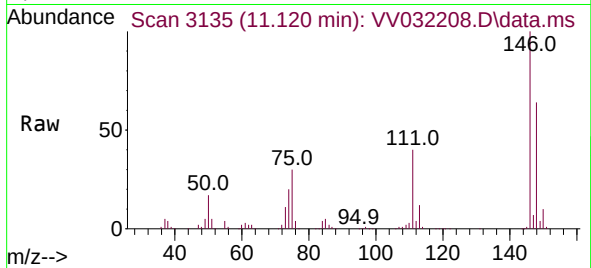




#64
 1,3-Dichlorobenzene
 Concen: 48.169 ug/L
 RT: 11.120 min Scan# 3135
 Delta R.T. -0.000 min
 Lab File: VV032208.D
 Acq: 03 Oct 2023 09:46

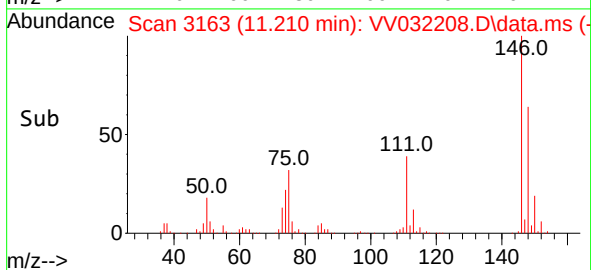
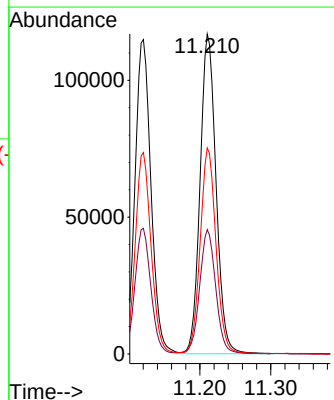
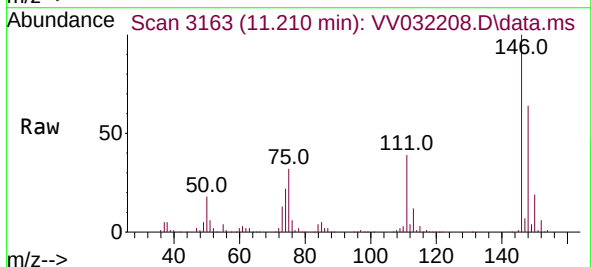
Instrument :
 MSVOA_V
 ClientSampleId :

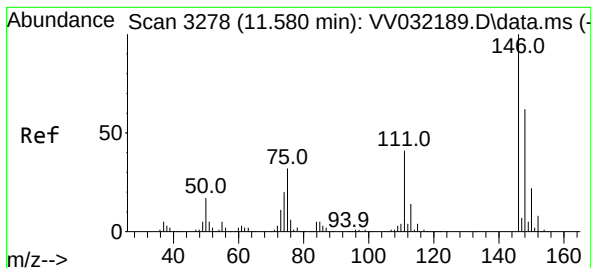
Tgt Ion:146 Resp: 179185
 Ion Ratio Lower Upper
 146 100
 111 40.0 28.3 52.5
 148 64.1 44.2 82.0



#65
 1,4-Dichlorobenzene
 Concen: 48.601 ug/L
 RT: 11.210 min Scan# 3163
 Delta R.T. -0.000 min
 Lab File: VV032208.D
 Acq: 03 Oct 2023 09:46

Tgt Ion:146 Resp: 182627
 Ion Ratio Lower Upper
 146 100
 111 38.8 27.5 51.1
 148 64.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 48.262 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

Instrument :

MSVOA_V

ClientSampleId :

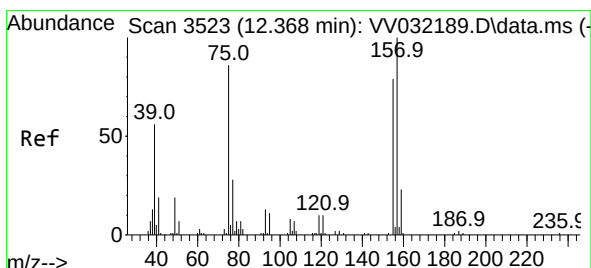
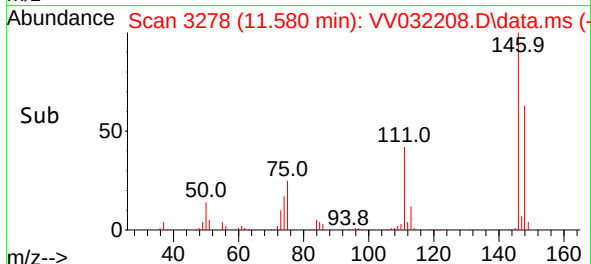
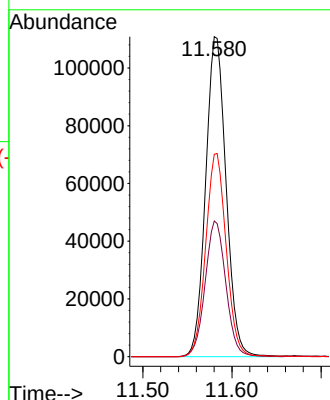
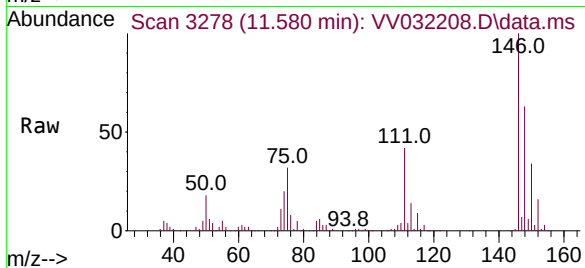
Tgt Ion:146 Resp: 176589

Ion Ratio Lower Upper

146 100

111 42.4 33.6 50.4

148 63.3 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 44.227 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV032208.D

Acq: 03 Oct 2023 09:46

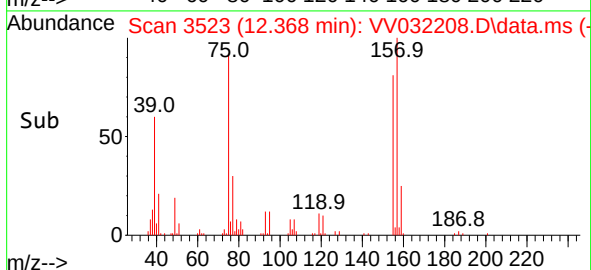
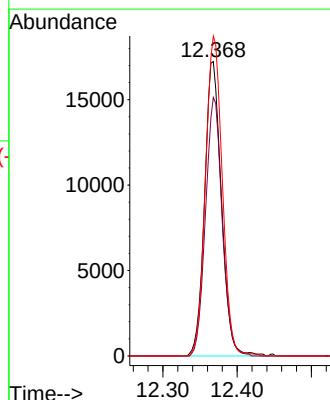
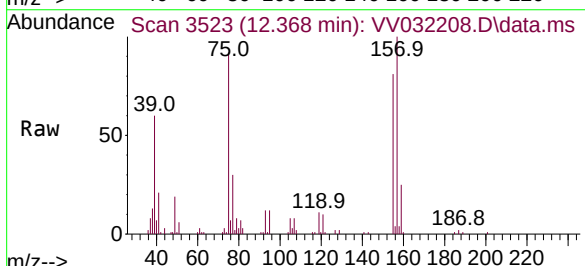
Tgt Ion: 75 Resp: 27138

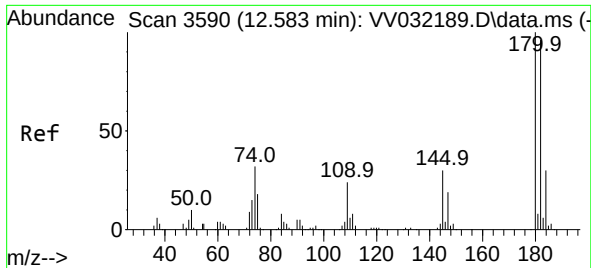
Ion Ratio Lower Upper

75 100

155 87.8 70.0 105.0

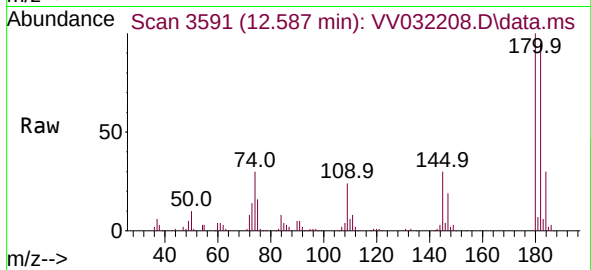
157 108.7 90.4 135.6



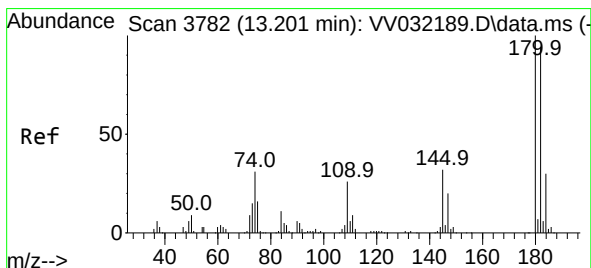
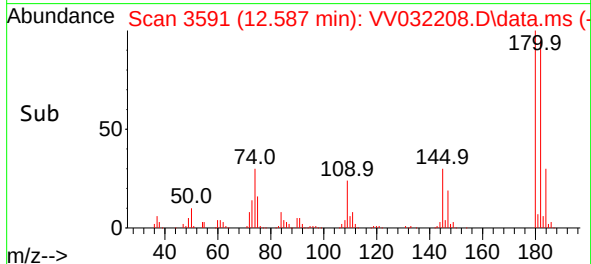
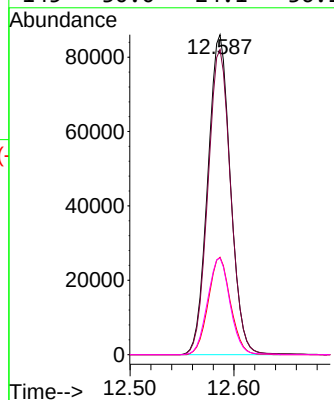


#69
 1,3,5-Trichlorobenzene
 Concen: 48.343 ug/L
 RT: 12.587 min Scan# 3591
 Delta R.T. 0.003 min
 Lab File: VV032208.D
 Acq: 03 Oct 2023 09:46

Instrument :
 MSVOA_V
 ClientSampleId :

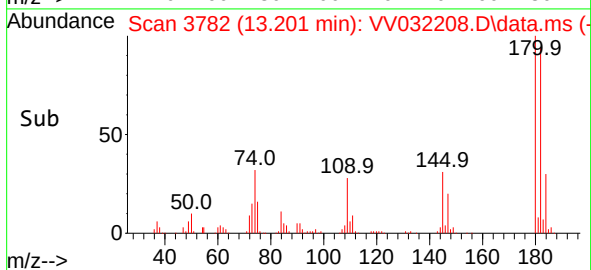
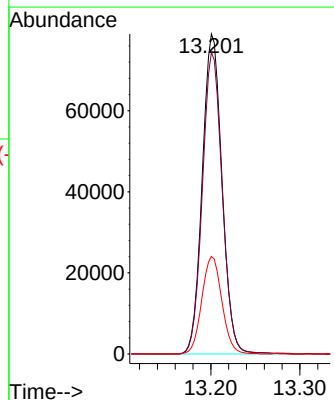
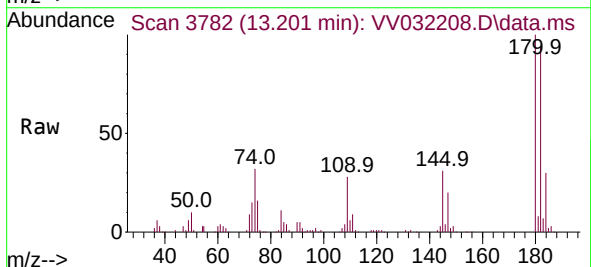


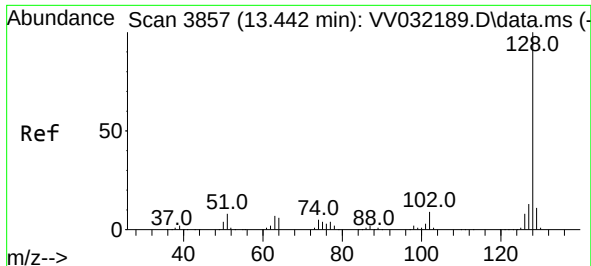
Tgt Ion:180 Resp: 130214
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.6 113.4
 184 29.8 23.9 35.9
 145 30.0 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 47.797 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. -0.000 min
 Lab File: VV032208.D
 Acq: 03 Oct 2023 09:46

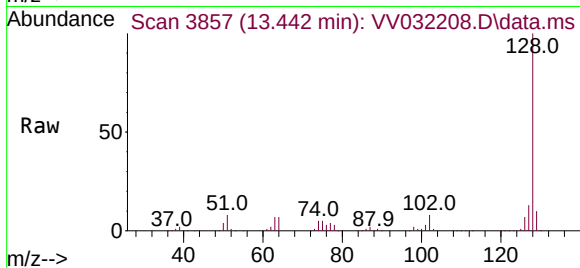
Tgt Ion:180 Resp: 121078
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.3 112.9
 145 31.0 24.4 36.6



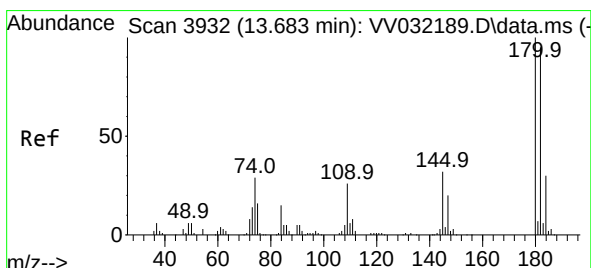
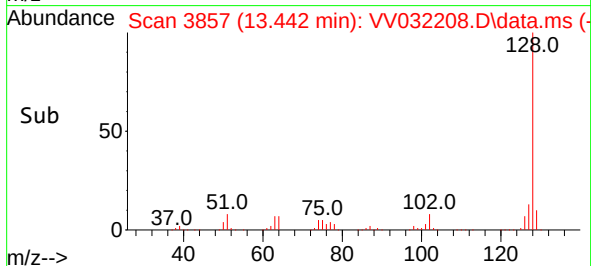
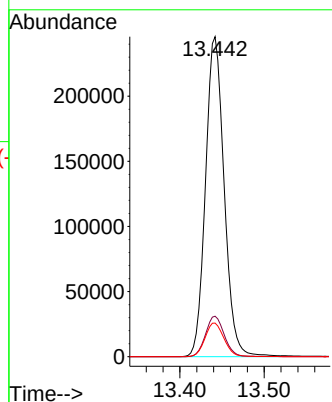


#71
Naphthalene
Concen: 45.423 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 379034
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 48.588 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.000 min
Lab File: VV032208.D
Acq: 03 Oct 2023 09:46

Tgt Ion:180 Resp: 122290
Ion Ratio Lower Upper
180 100
182 94.4 75.2 112.8
145 32.2 25.8 38.8

