

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102523\
 Data File : VW032621.D
 Acq On : 25 Oct 2023 09:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 26 04:56:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 08:15:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	87041	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	100012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51361	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40131	5.669	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 113.400%	
7) Chloroethane-d5	1.532	69	35258	6.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 122.800%	
11) 1,1-Dichloroethene-d2	2.060	65	16735	5.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 112.200%	
20) 2-Butanone-d5	3.828	46	77283	43.157	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 86.320%	
24) Chloroform-d	4.252	84	72110	5.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 115.400%	
26) 1,2-Dichloroethane-d4	4.947	65	33376	5.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 112.800%	
32) Benzene-d6	4.960	84	135200	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 91.800%	
36) 1,2-Dichloropropane-d6	5.992	67	40039	4.106	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 82.200%	
41) Toluene-d8	7.246	98	141600	5.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 105.200%	
43) trans-1,3-Dichloroprop...	7.558	79	16505	4.777	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 95.600%	
46) 2-Hexanone-d5	8.030	63	70087	43.114	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 86.220%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33329	4.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 97.800%	
66) 1,2-Dichlorobenzene-d4	11.564	152	48347	5.073	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 101.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	48051	4.954	ug/L	100
3) Chloromethane	1.217	50	46737	4.780	ug/L	99
5) Vinyl chloride	1.281	62	47042	5.044	ug/L	100
6) Bromomethane	1.490	94	28828	5.117	ug/L	97
8) Chloroethane	1.552	64	31017	5.524	ug/L	99
9) Trichlorofluoromethane	1.716	101	63511	5.679	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	40078	5.914	ug/L	97
12) 1,1-Dichloroethene	2.069	96	35813	5.610	ug/L	96
13) Acetone	2.153	43	74682	54.109	ug/L	87
14) Carbon disulfide	2.240	76	87167	3.906	ug/L	99
15) Methyl Acetate	2.394	43	13052	4.201	ug/L	97
16) Methylene chloride	2.449	84	40082	4.816	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	79895	4.597	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	34983	4.784	ug/L	94
19) 1,1-Dichloroethane	3.114	63	66834	4.859	ug/L	99
21) 2-Butanone	3.905	43	91436	42.364	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	38330	4.869	ug/L	96
23) Bromochloromethane	4.149	128	16215	4.896	ug/L	94
25) Chloroform	4.278	83	75053	5.561	ug/L	97

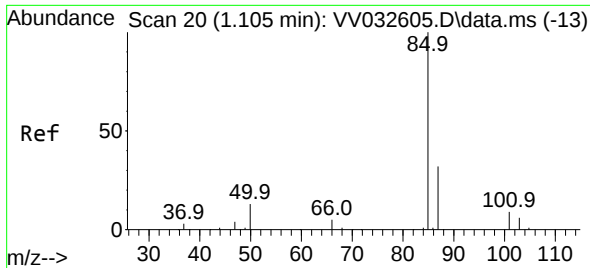
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102523\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 08:15:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	42894	5.380	ug/L	96
29) 1,1,1-Trichloroethane	4.513	97	62020	4.561	ug/L	99
30) Cyclohexane	4.584	56	48062	3.216	ug/L	92
31) Carbon tetrachloride	4.735	117	53441	4.645	ug/L	99
33) Benzene	5.011	78	152087	4.319	ug/L	100
34) Trichloroethene	5.834	95	39041	4.062	ug/L	97
35) Methylcyclohexane	6.050	83	63361	4.259	ug/L	91
37) 1,2-Dichloropropane	6.095	63	38116	4.048	ug/L #	97
38) Bromodichloromethane	6.436	83	57644	5.152	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	58793	4.387	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	230958	38.756	ug/L	99
42) Toluene	7.317	91	183720	4.894	ug/L	96
44) trans-1,3-Dichloropropene	7.583	75	50130	4.552	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	30998	4.666	ug/L	96
47) Tetrachloroethene	7.908	164	33904	4.651	ug/L	97
48) 2-Hexanone	8.082	43	172821	41.103	ug/L	99
49) Dibromochloromethane	8.178	129	34552	4.996	ug/L	98
50) 1,2-Dibromoethane	8.284	107	28380	4.517	ug/L	94
51) Chlorobenzene	8.815	112	116171	4.807	ug/L	99
52) Ethylbenzene	8.947	91	192565	4.607	ug/L	99
53) m,p-Xylene	9.075	106	74029	4.775	ug/L	98
54) o-Xylene	9.480	106	70301	4.706	ug/L	97
55) Styrene	9.497	104	124170	4.922	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.181	83	35940	4.917	ug/L	97
59) Bromoform	9.667	173	18744	5.019	ug/L	98
60) Isopropylbenzene	9.870	105	193102	4.838	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	25268	4.622	ug/L	96
62) 1,3,5-Trimethylbenzene	10.480	105	149045	4.581	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	150413	4.644	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	95340	5.000	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	95186	4.976	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	86677	4.984	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5160	4.620	ug/L	90
69) 1,3,5-Trichlorobenzene	12.586	180	66951	4.794	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	53130	4.289	ug/L	99
71) Naphthalene	13.442	128	75904	3.607	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	46718	4.377	ug/L	99

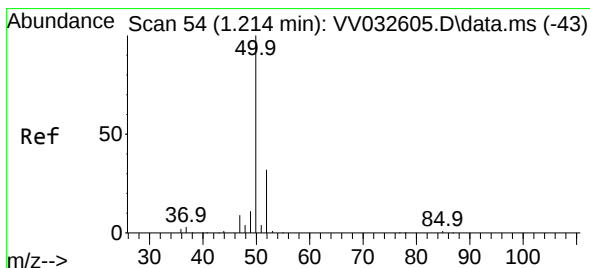
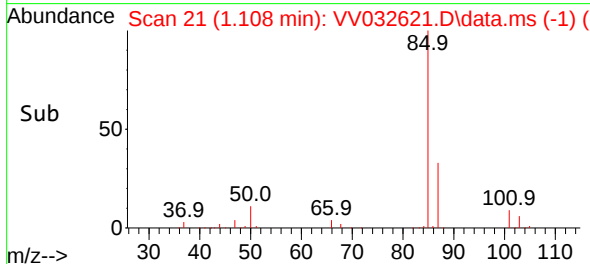
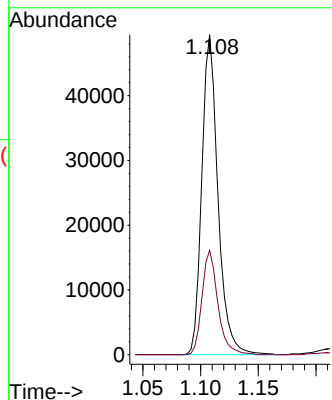
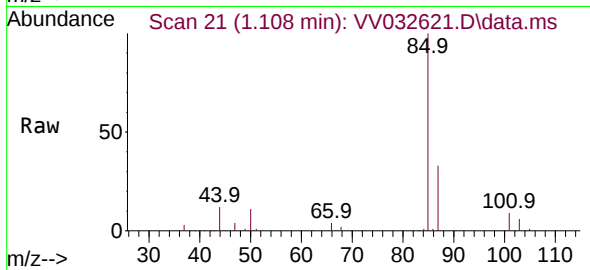
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.954 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV032621.D
 Acq: 25 Oct 2023 09:52

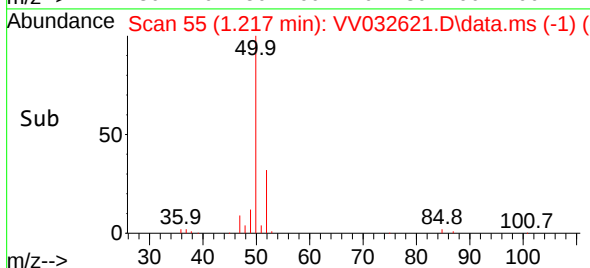
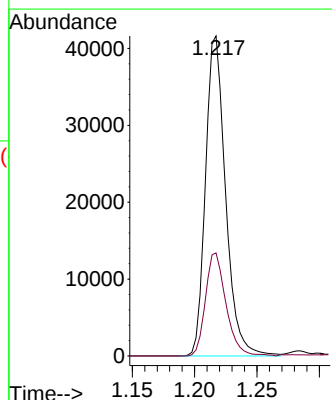
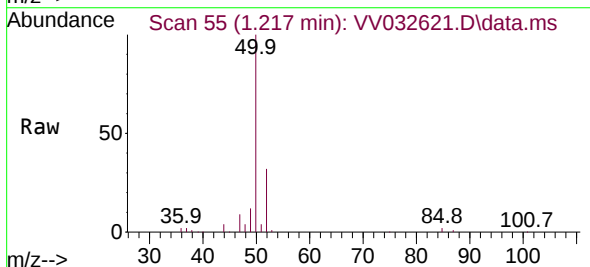
Instrument :
 MSVOA_V
 ClientSampleId :

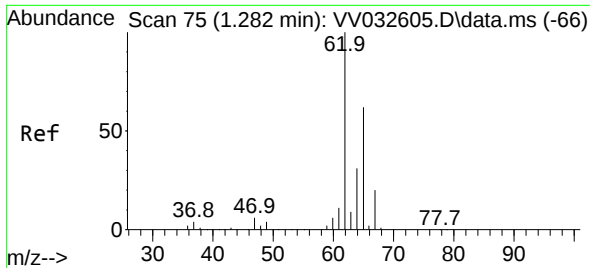
Tgt Ion: 85 Resp: 48051
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.5 38.3



#3
 Chloromethane
 Concen: 4.780 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV032621.D
 Acq: 25 Oct 2023 09:52

Tgt Ion: 50 Resp: 46737
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.6





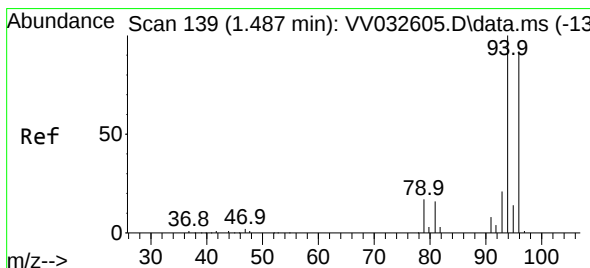
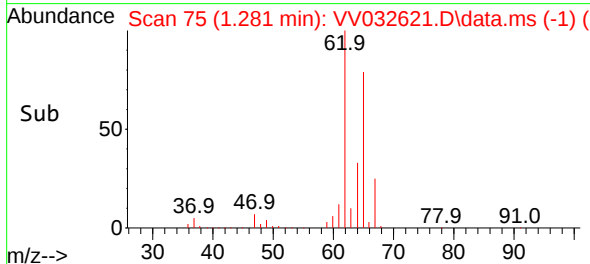
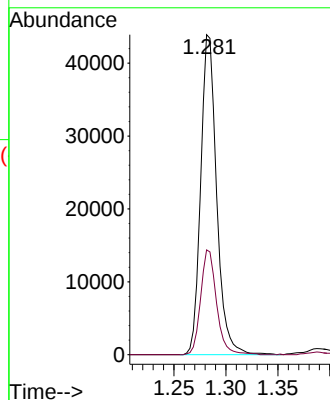
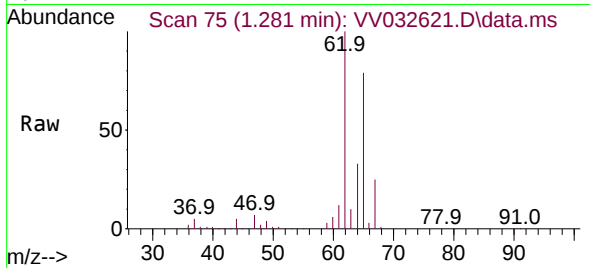
#5
 Vinyl chloride
 Concen: 5.044 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV032621.D
 Acq: 25 Oct 2023 09:52

Instrument :

MSVOA_V

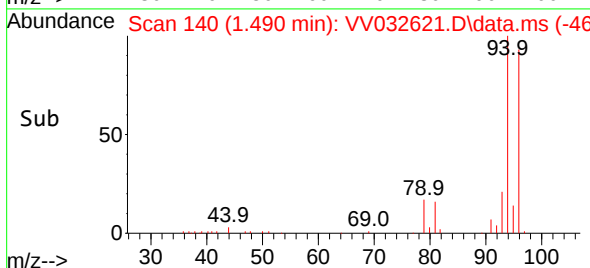
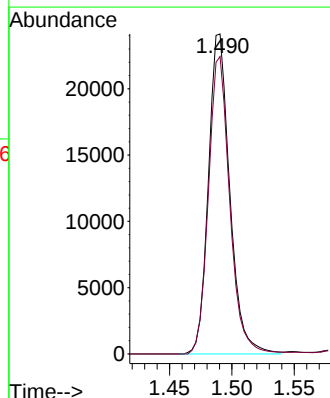
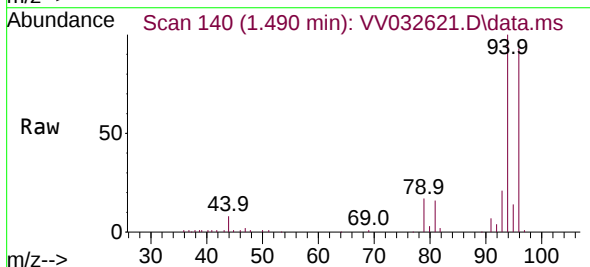
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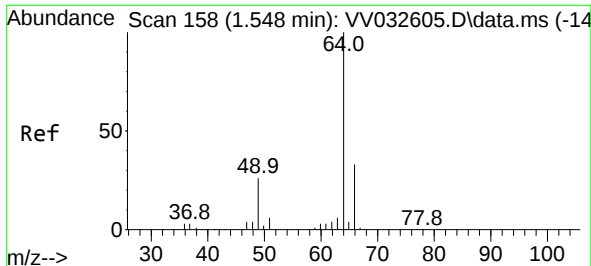
Tgt Ion: 62 Resp: 47042
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 5.117 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV032621.D
 Acq: 25 Oct 2023 09:52

Tgt Ion: 94 Resp: 28828
 Ion Ratio Lower Upper
 94 100
 96 93.0 66.8 124.2

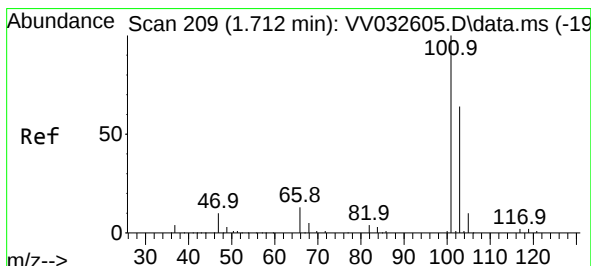
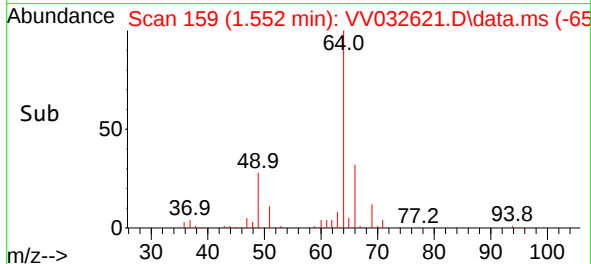
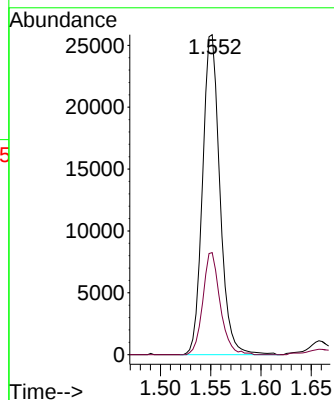
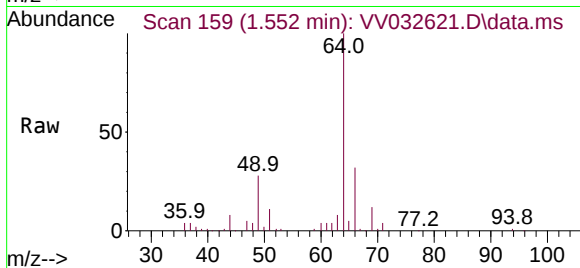




#8
Chloroethane
Concen: 5.524 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

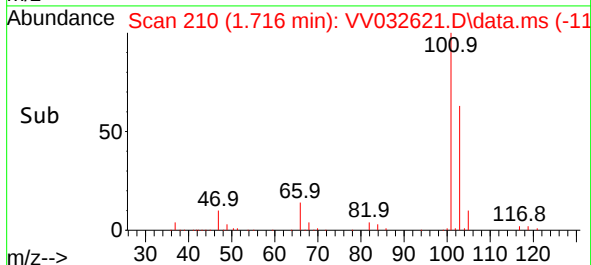
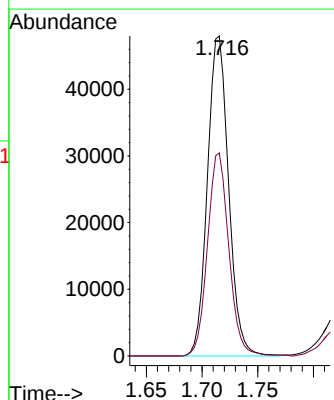
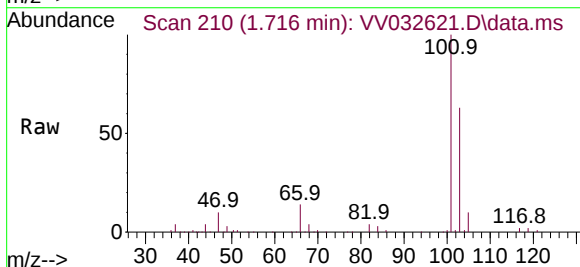
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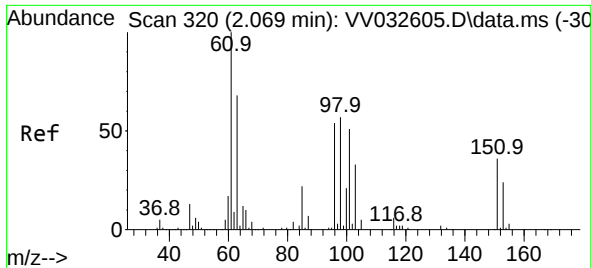
Tgt Ion: 64 Resp: 31017
Ion Ratio Lower Upper
64 100
66 31.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.679 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

Tgt Ion: 101 Resp: 63511
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

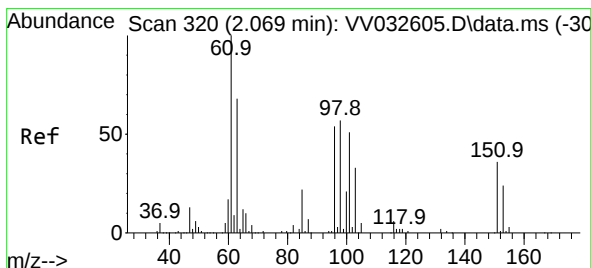
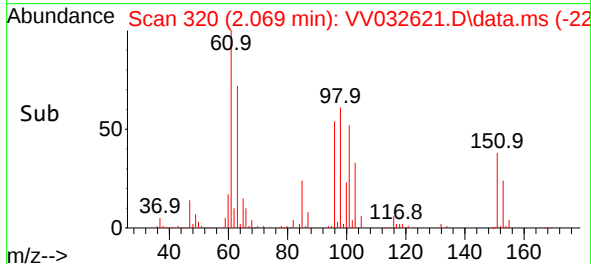
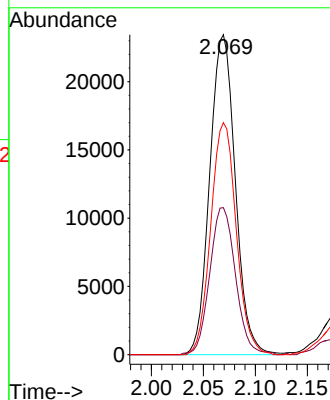
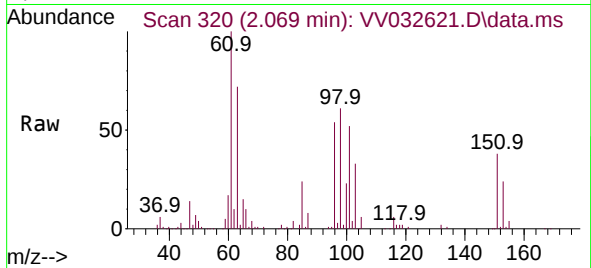




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.914 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV032621.D
 Acq: 25 Oct 2023 09:52

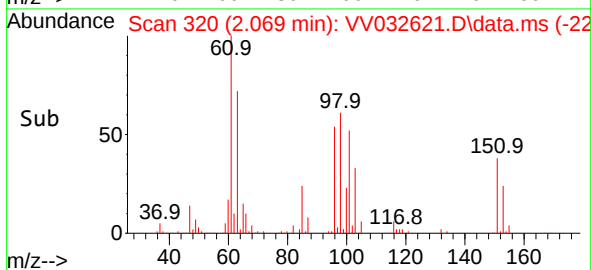
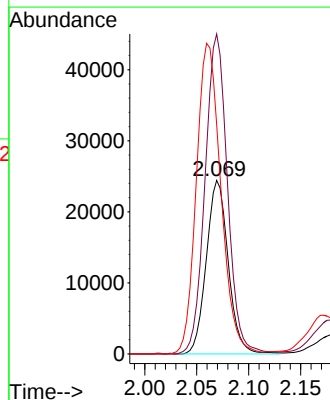
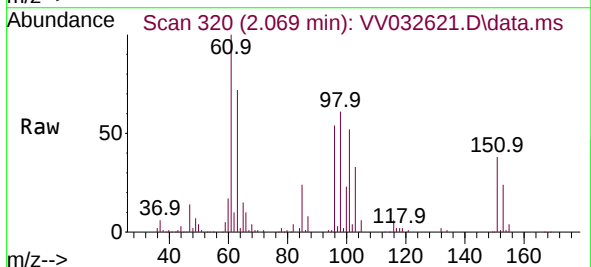
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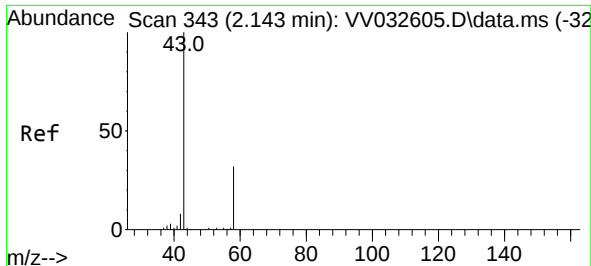
Tgt Ion:101 Resp: 40078
 Ion Ratio Lower Upper
 101 100
 85 46.4 35.0 52.6
 151 72.5 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 5.610 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV032621.D
 Acq: 25 Oct 2023 09:52

Tgt Ion: 96 Resp: 35813
 Ion Ratio Lower Upper
 96 100
 61 184.3 127.3 236.3
 63 132.1 98.3 182.7





#13

Acetone

Concen: 54.109 ug/L

RT: 2.153 min Scan# 343

Delta R.T. 0.010 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

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MSVOA_V

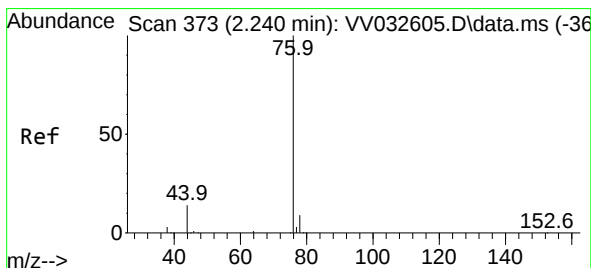
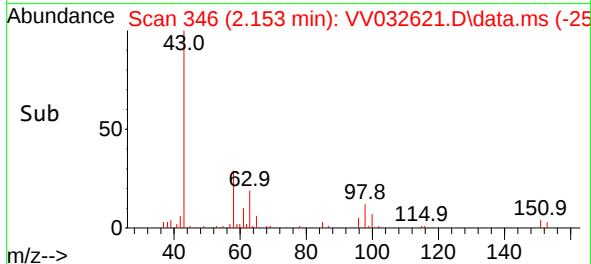
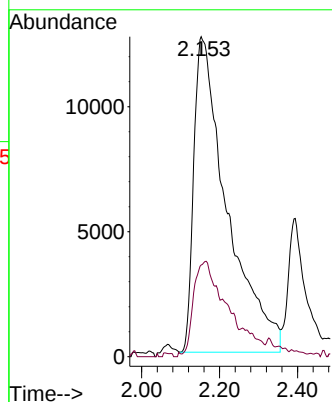
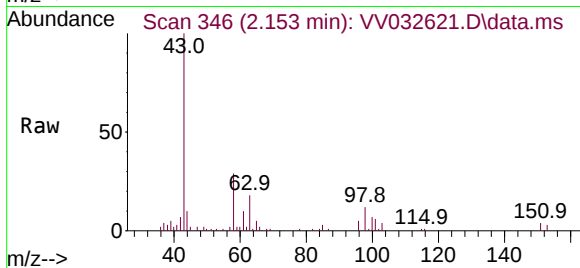
ClientSampleId :

Tgt Ion: 43 Resp: 74682

Ion Ratio Lower Upper

43 100

58 25.8 0.0 66.0



#14

Carbon disulfide

Concen: 3.906 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV032621.D

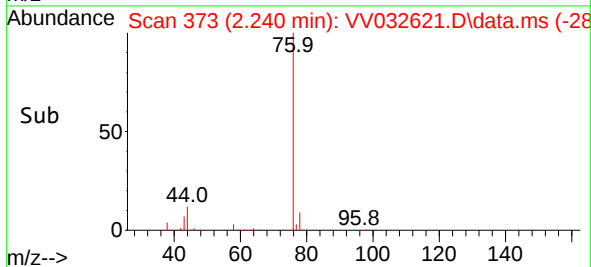
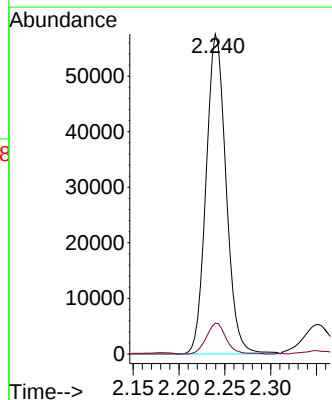
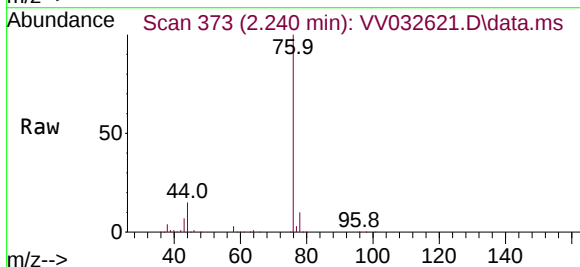
Acq: 25 Oct 2023 09:52

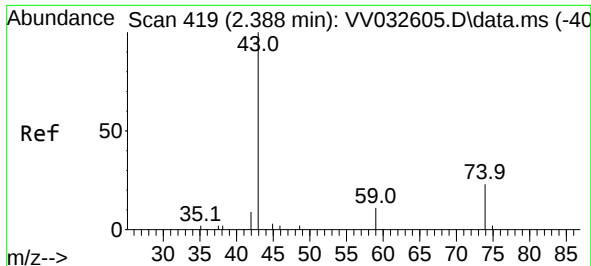
Tgt Ion: 76 Resp: 87167

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2

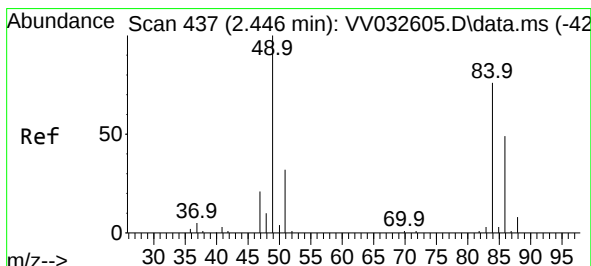
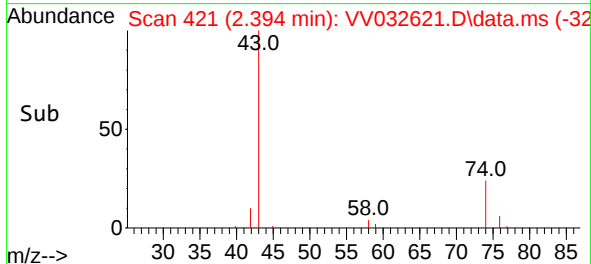
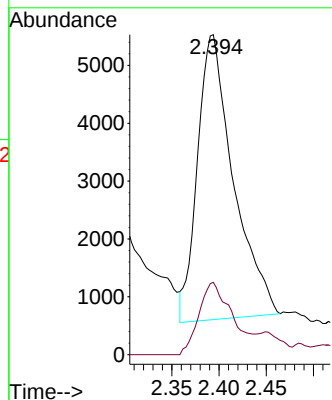
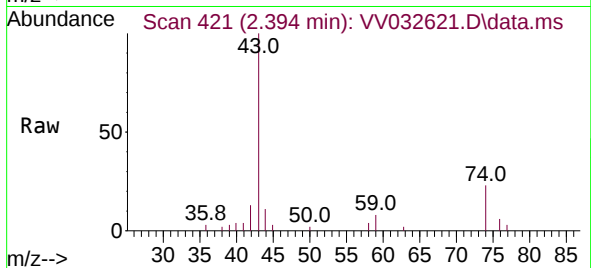




#15
Methyl Acetate
Concen: 4.201 ug/L
RT: 2.394 min Scan# 419
Delta R.T. 0.006 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

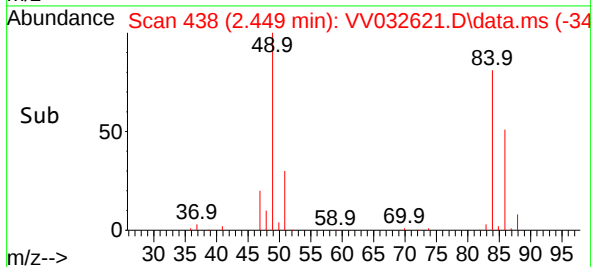
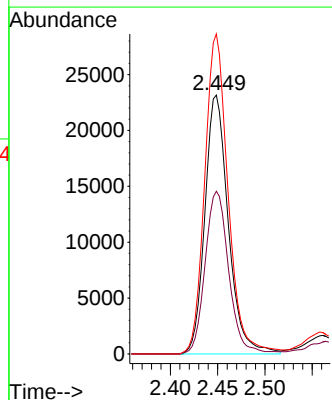
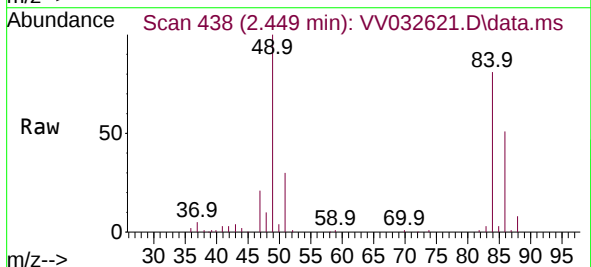
Instrument :
MSVOA_V
ClientSampleId :

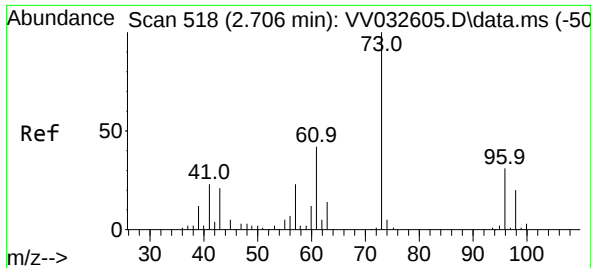
Tgt Ion: 43 Resp: 13052
Ion Ratio Lower Upper
43 100
74 24.1 18.0 27.0



#16
Methylene chloride
Concen: 4.816 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

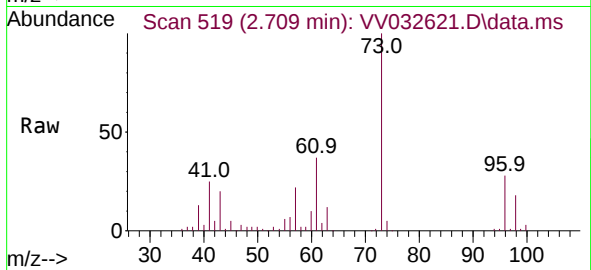
Tgt Ion: 84 Resp: 40082
Ion Ratio Lower Upper
84 100
86 62.9 43.2 80.2
49 123.6 86.3 160.3



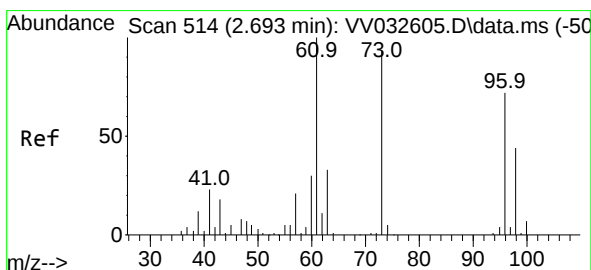
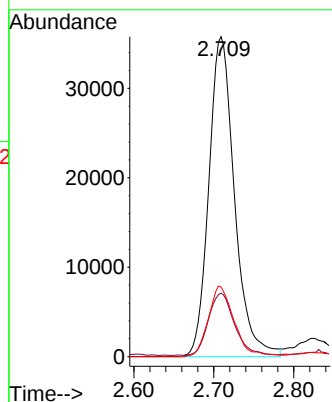
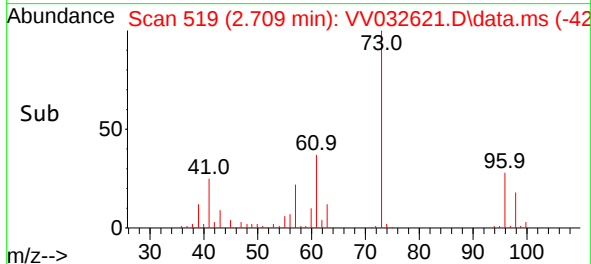


#17
Methyl tert-butyl Ether
Concen: 4.597 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

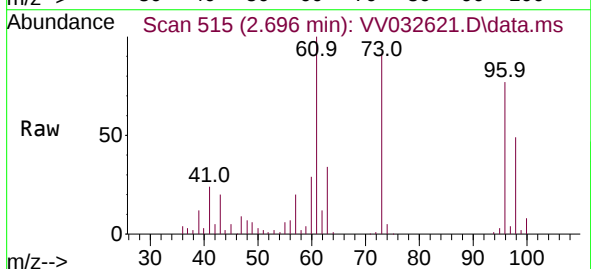
Instrument :
MSVOA_V
ClientSampleId :



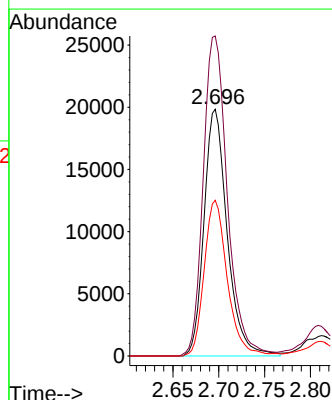
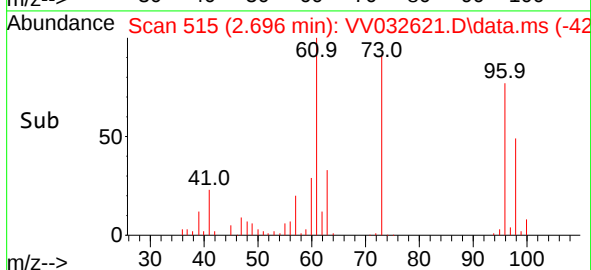
Tgt Ion: 73 Resp: 79895
Ion Ratio Lower Upper
73 100
43 19.6 15.1 22.7
57 22.1 18.3 27.5

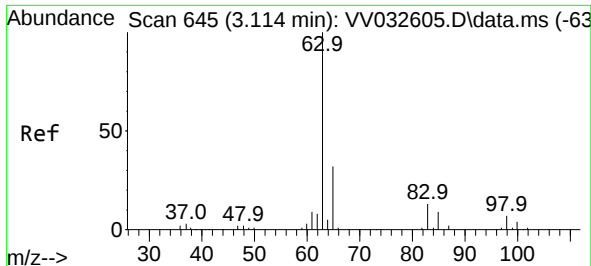


#18
trans-1,2-Dichloroethene
Concen: 4.784 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52



Tgt Ion: 96 Resp: 34983
Ion Ratio Lower Upper
96 100
61 129.7 96.9 180.1
98 63.1 45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.859 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV032621.D

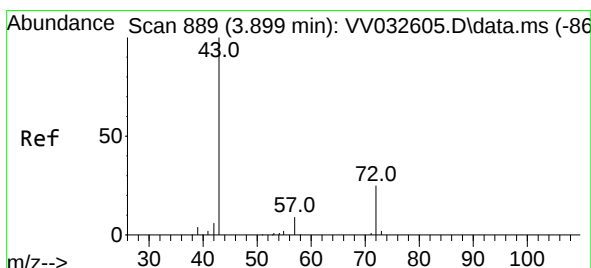
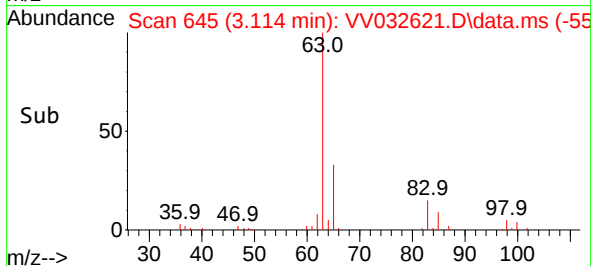
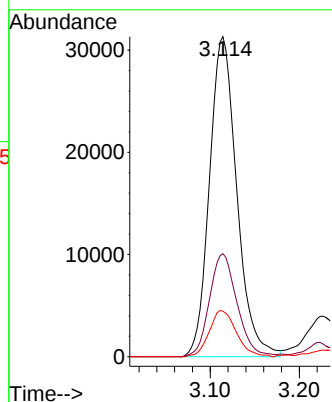
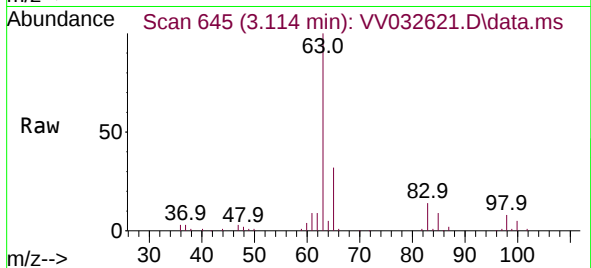
Acq: 25 Oct 2023 09:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	66834
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.3	41.5
83	14.2	9.0	16.6



#21

2-Butanone

Concen: 42.364 ug/L

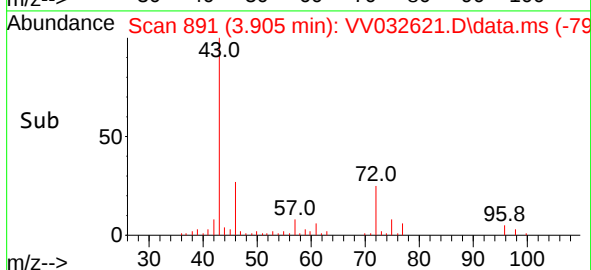
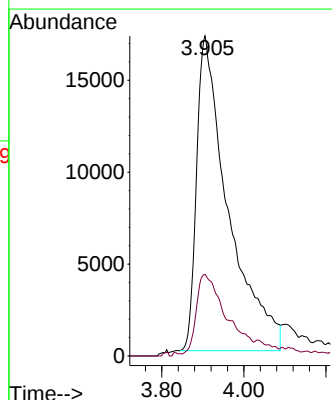
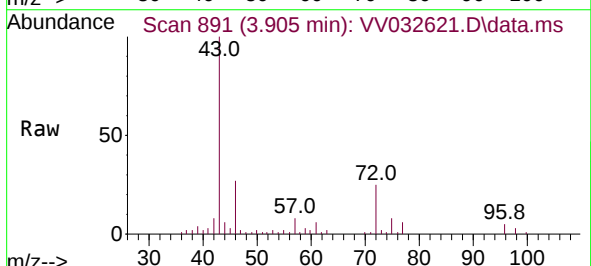
RT: 3.905 min Scan# 891

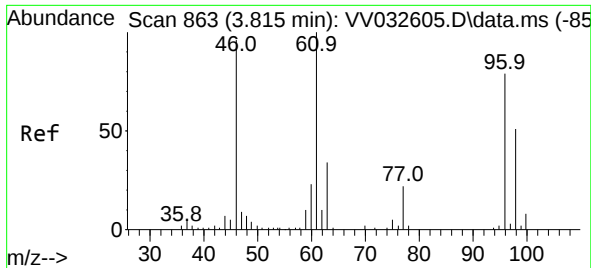
Delta R.T. 0.006 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

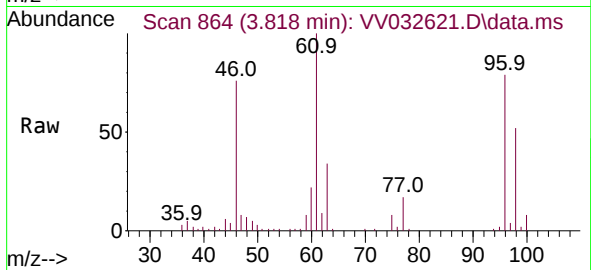
Tgt Ion:	43	Resp:	91436
Ion	Ratio	Lower	Upper
43	100		
72	23.9	11.6	34.8



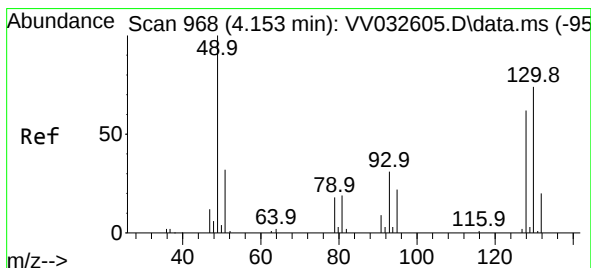
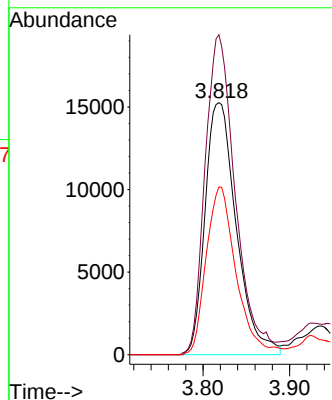
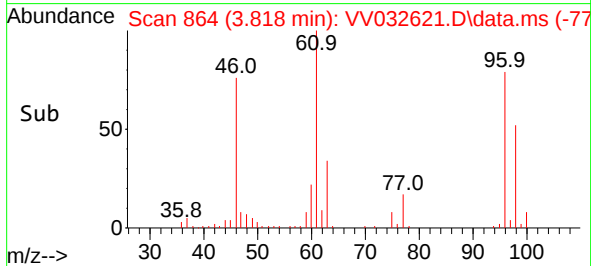


#22
 cis-1,2-Dichloroethene
 Concen: 4.869 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV032621.D
 Acq: 25 Oct 2023 09:52

Instrument :
 MSVOA_V
 ClientSampleId :

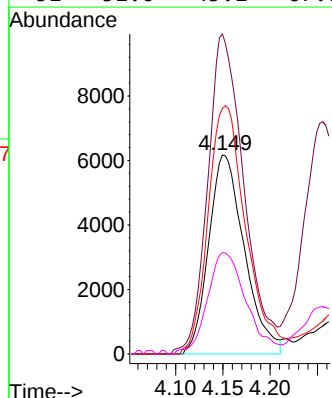
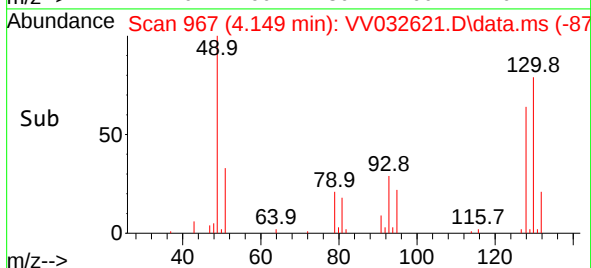
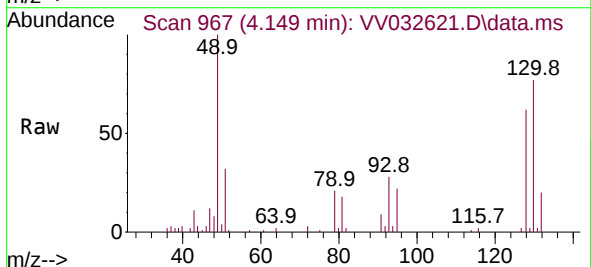


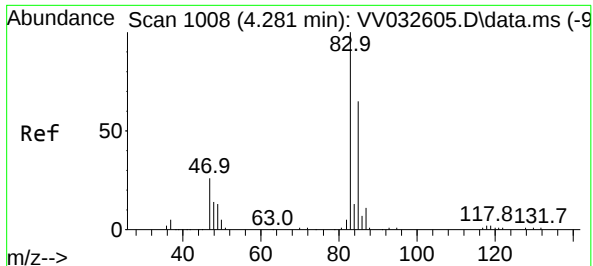
Tgt Ion: 96 Resp: 38330
 Ion Ratio Lower Upper
 96 100
 61 127.0 85.8 159.4
 98 66.5 44.0 81.6



#23
 Bromochloromethane
 Concen: 4.896 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. -0.003 min
 Lab File: VV032621.D
 Acq: 25 Oct 2023 09:52

Tgt Ion: 128 Resp: 16215
 Ion Ratio Lower Upper
 128 100
 49 160.9 121.2 225.0
 130 123.5 88.2 163.8
 51 51.0 45.1 67.7





#25

Chloroform

Concen: 5.561 ug/L

RT: 4.278 min Scan# 1008

Delta R.T. -0.003 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

Instrument :

MSVOA_V

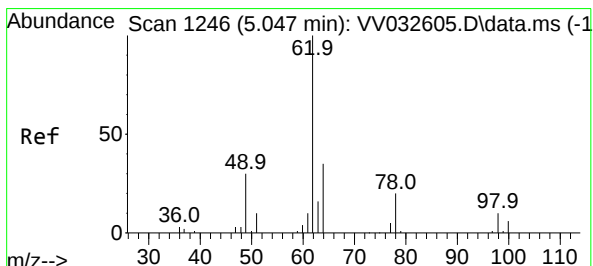
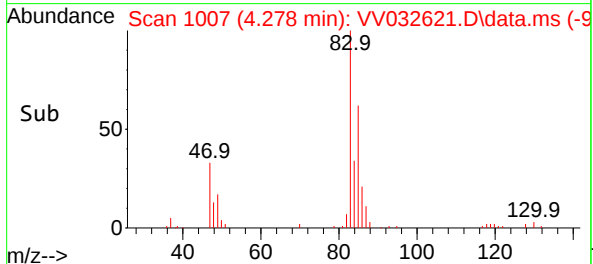
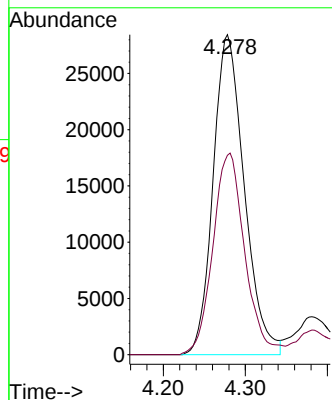
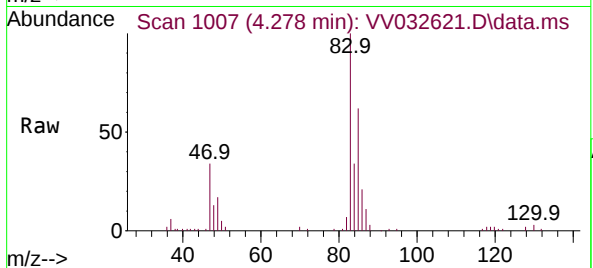
ClientSampleId :

Tgt Ion: 83 Resp: 75053

Ion Ratio Lower Upper

83 100

85 62.3 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.380 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VV032621.D

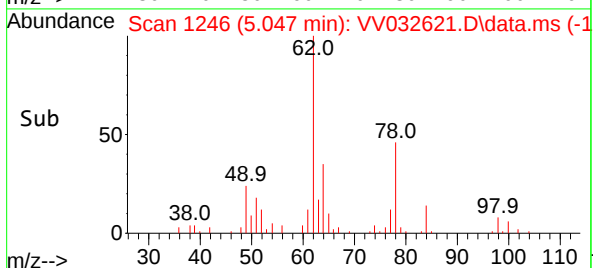
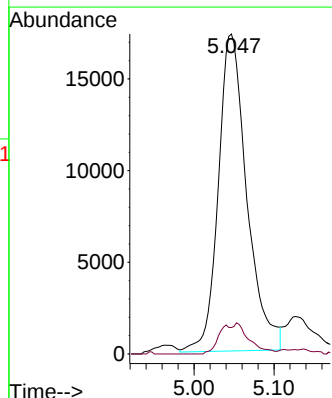
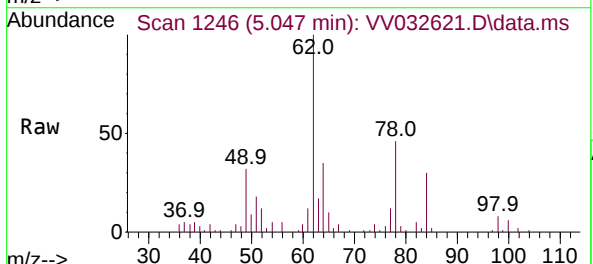
Acq: 25 Oct 2023 09:52

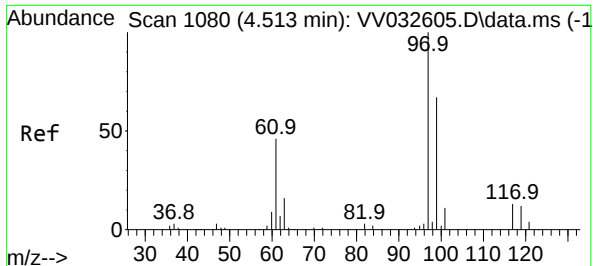
Tgt Ion: 62 Resp: 42894

Ion Ratio Lower Upper

62 100

98 8.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.561 ug/L

RT: 4.513 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

Instrument :

MSVOA_V

ClientSampleId :

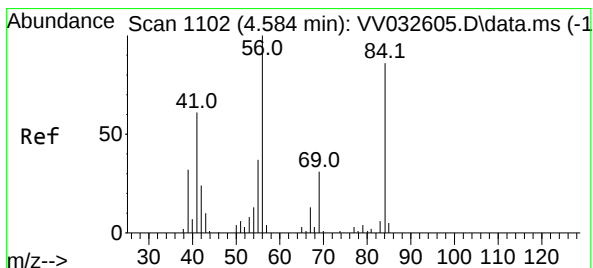
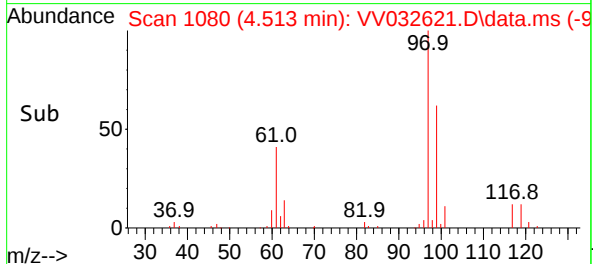
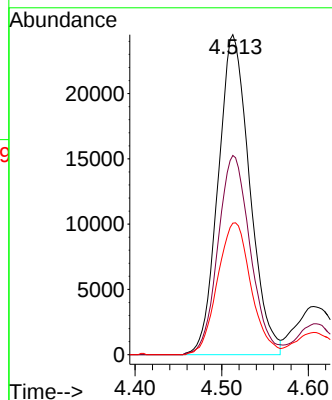
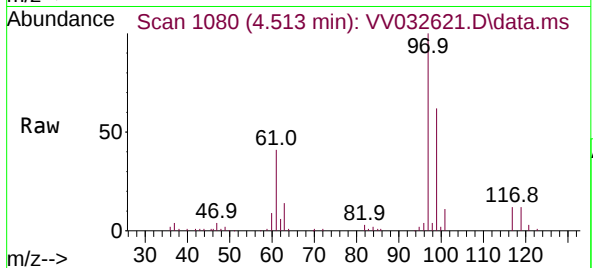
Tgt Ion: 97 Resp: 62020

Ion Ratio Lower Upper

97 100

99 63.9 50.1 75.1

61 43.8 35.1 52.7



#30

Cyclohexane

Concen: 3.216 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

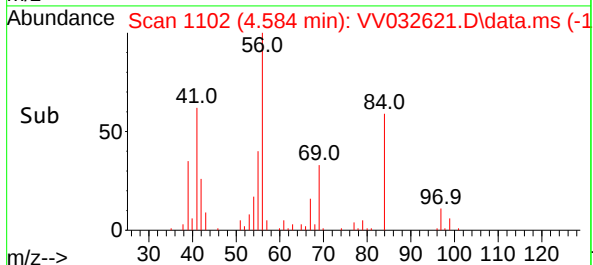
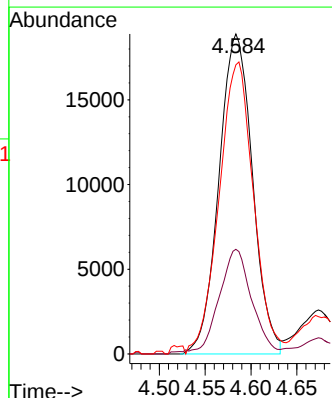
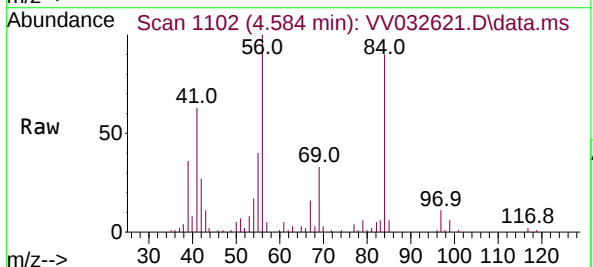
Tgt Ion: 56 Resp: 48062

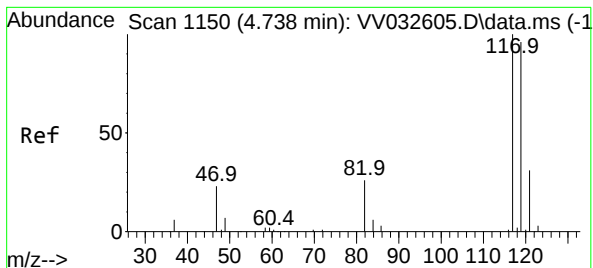
Ion Ratio Lower Upper

56 100

69 32.0 24.2 36.2

84 93.5 68.1 102.1





#31

Carbon tetrachloride

Concen: 4.645 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.003 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

Instrument :

MSVOA_V

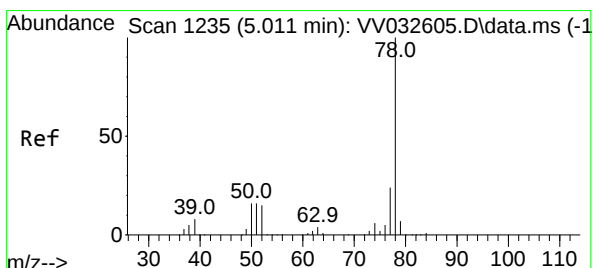
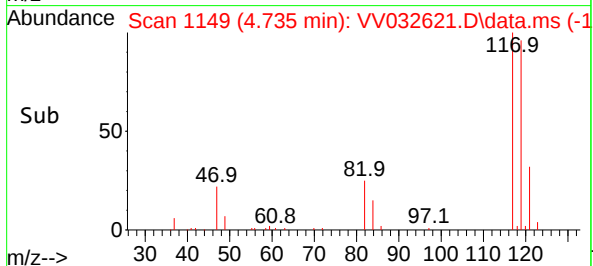
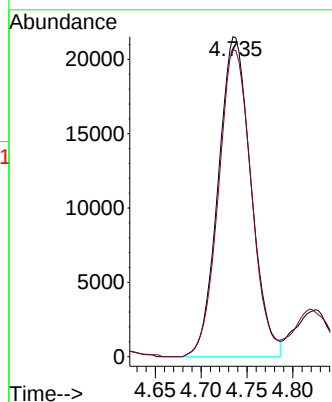
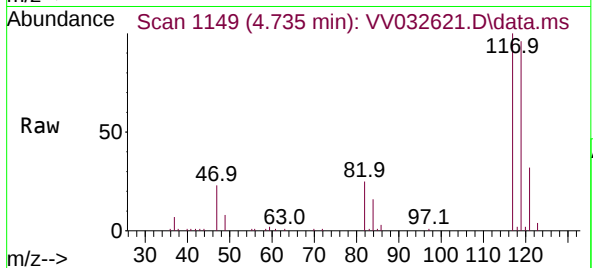
ClientSampleId :

Tgt Ion:117 Resp: 53441

Ion Ratio Lower Upper

117 100

119 96.4 77.6 116.4



#33

Benzene

Concen: 4.319 ug/L

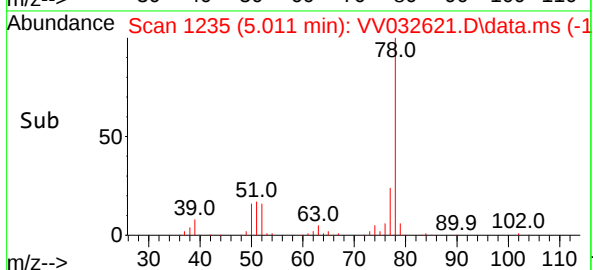
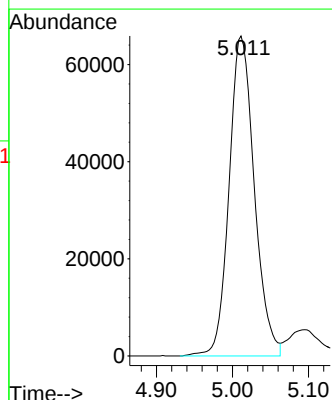
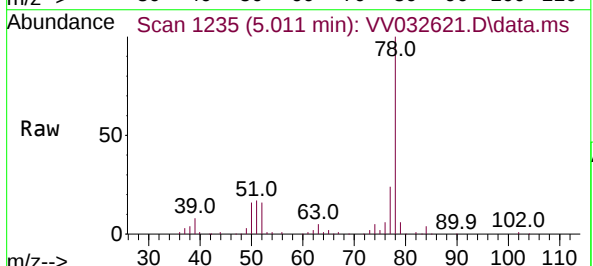
RT: 5.011 min Scan# 1235

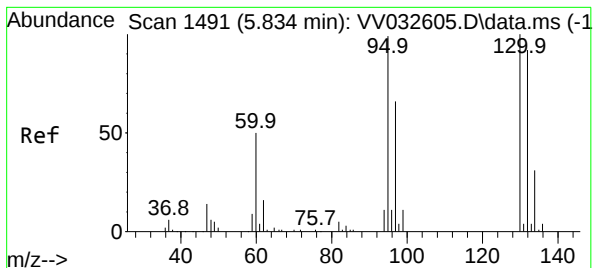
Delta R.T. -0.000 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

Tgt Ion: 78 Resp: 152087





#34

Trichloroethene

Concen: 4.062 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 39041

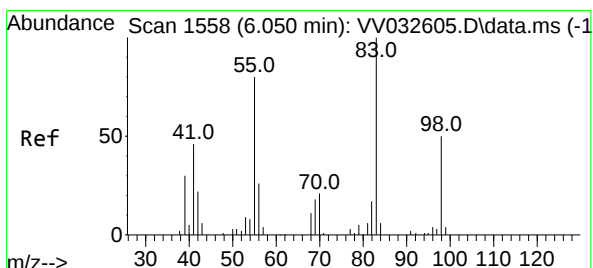
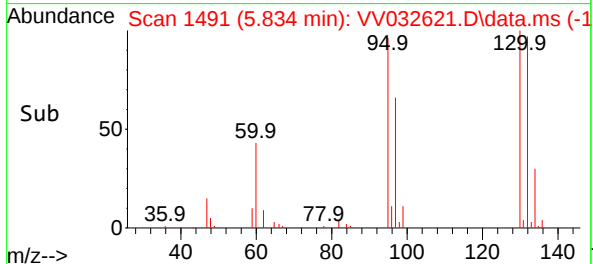
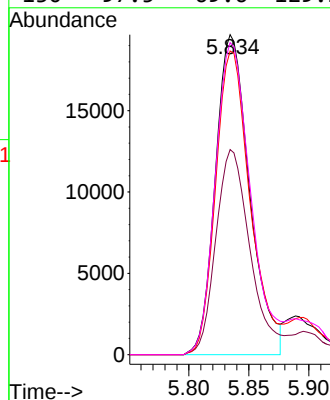
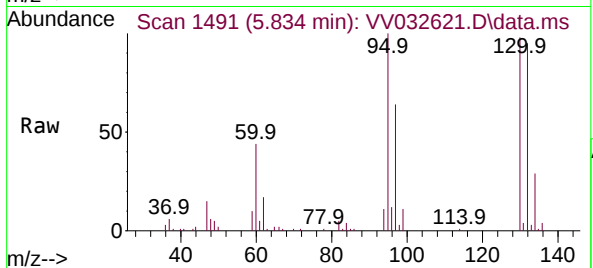
Ion Ratio Lower Upper

95 100

97 64.1 45.7 84.9

132 94.9 70.3 130.5

130 97.5 69.6 129.2



#35

Methylcyclohexane

Concen: 4.259 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

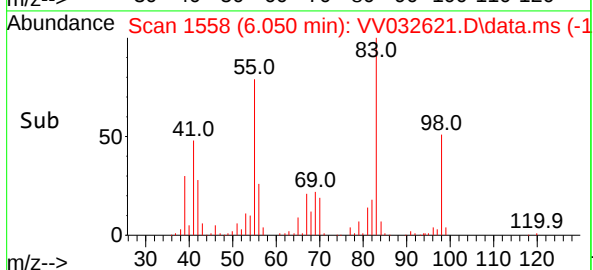
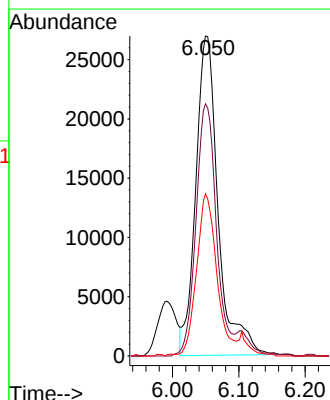
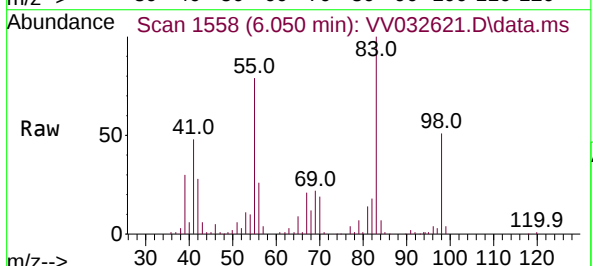
Tgt Ion: 83 Resp: 63361

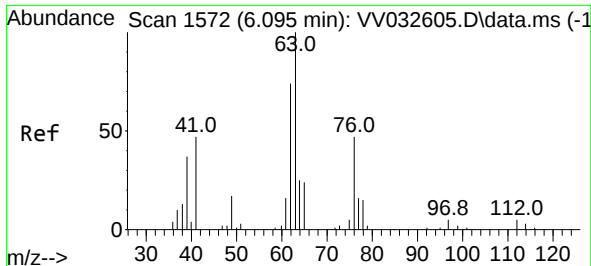
Ion Ratio Lower Upper

83 100

55 71.2 64.2 96.2

98 44.8 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.048 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

Instrument :

MSVOA_V

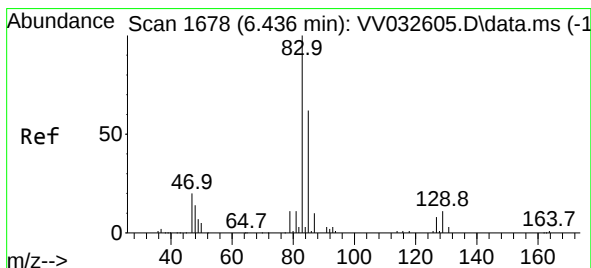
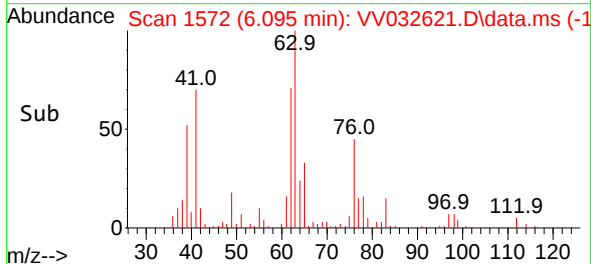
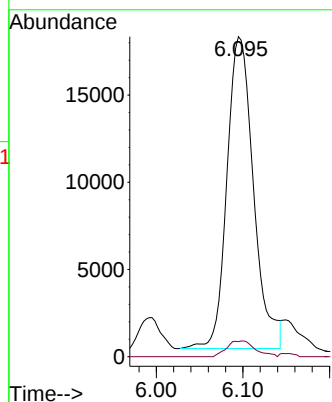
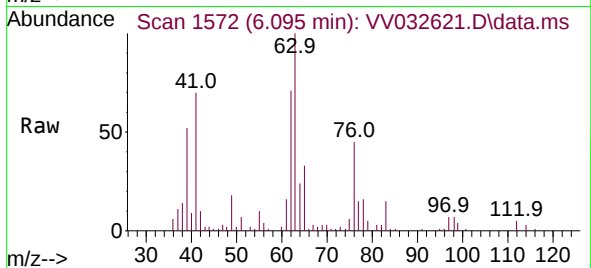
ClientSampleId :

Tgt Ion: 63 Resp: 38116

Ion Ratio Lower Upper

63 100

112 5.4 3.4 5.2#



#38

Bromodichloromethane

Concen: 5.152 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

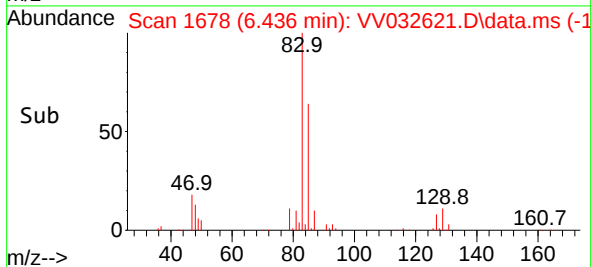
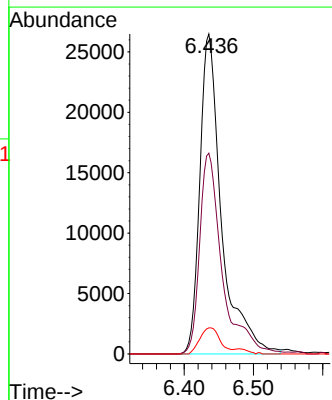
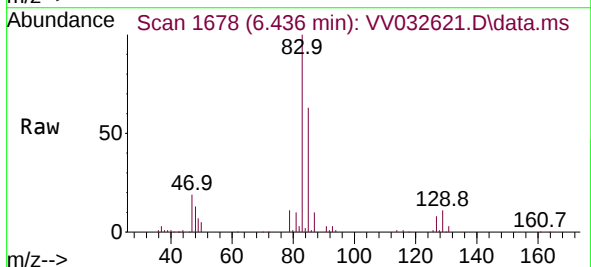
Tgt Ion: 83 Resp: 57644

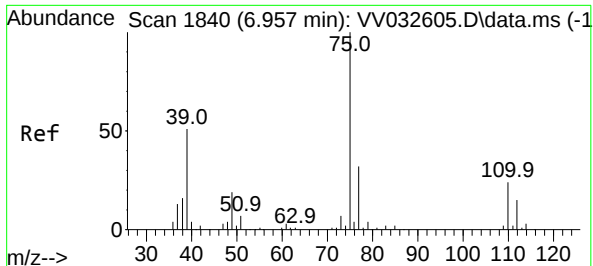
Ion Ratio Lower Upper

83 100

85 62.8 44.9 83.3

127 8.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.387 ug/L

RT: 6.956 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

Instrument :

MSVOA_V

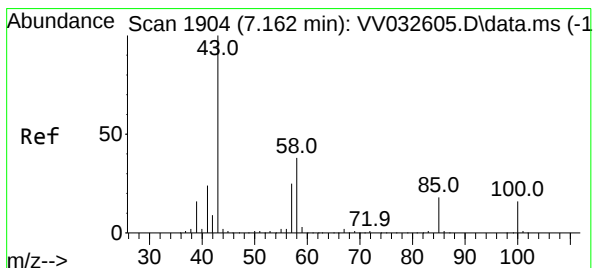
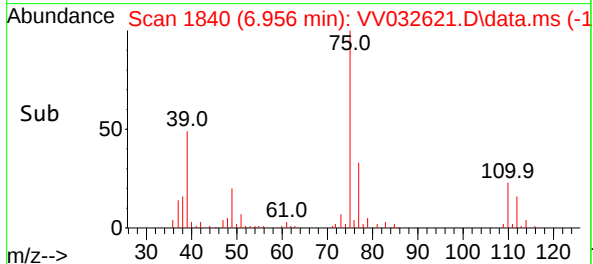
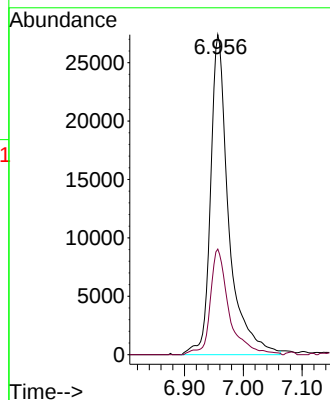
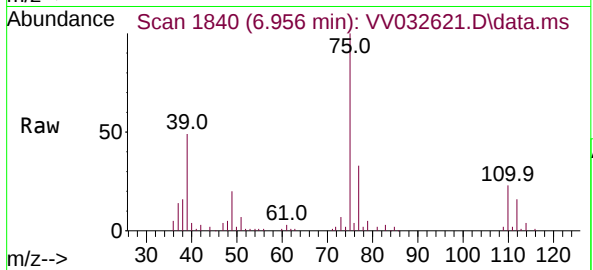
ClientSampleId :

Tgt Ion: 75 Resp: 58793

Ion Ratio Lower Upper

75 100

77 33.0 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 38.756 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

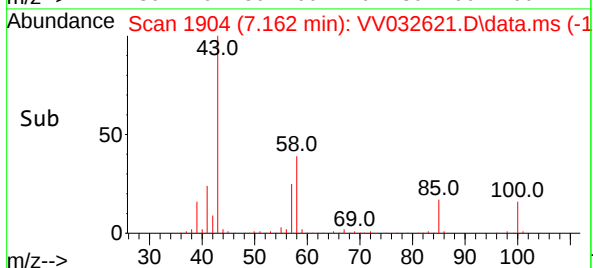
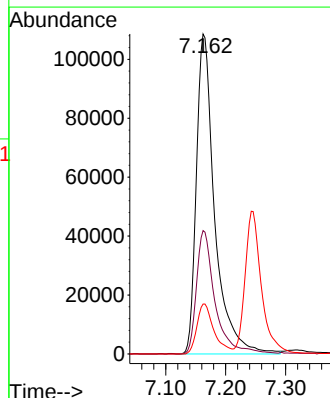
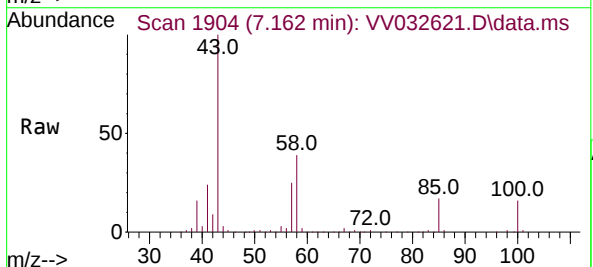
Tgt Ion: 43 Resp: 230958

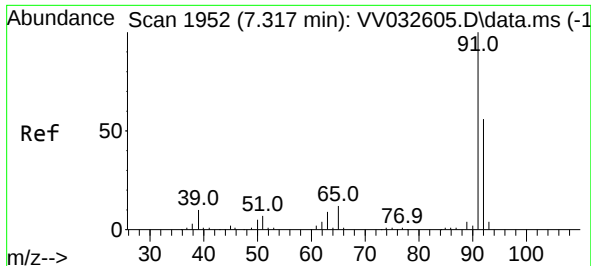
Ion Ratio Lower Upper

43 100

58 39.0 31.9 47.9

100 14.6 11.3 16.9





#42

Toluene

Concen: 4.894 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

Instrument :

MSVOA_V

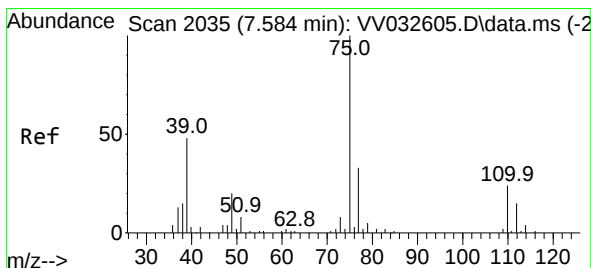
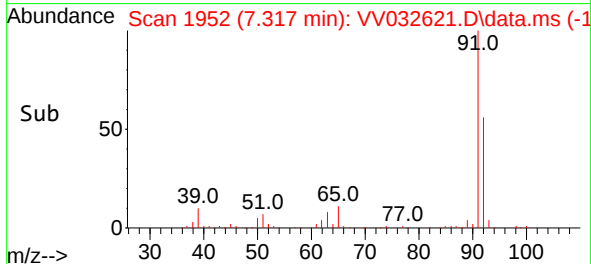
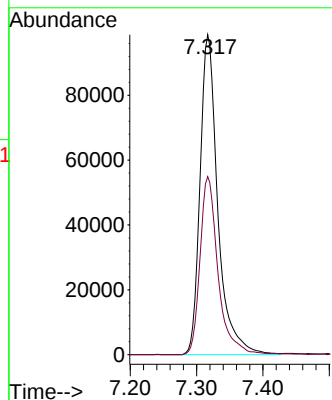
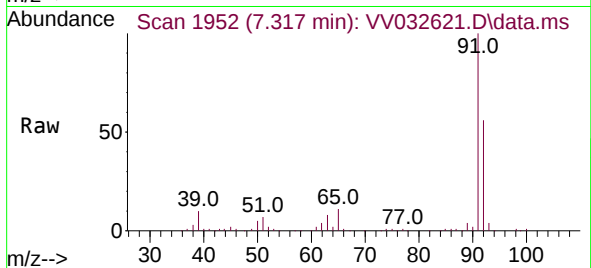
ClientSampleId :

Tgt Ion: 91 Resp: 183720

Ion Ratio Lower Upper

91 100

92 55.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.552 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV032621.D

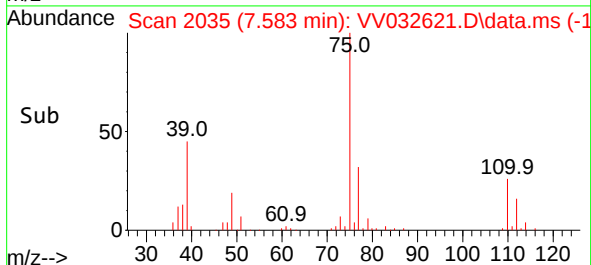
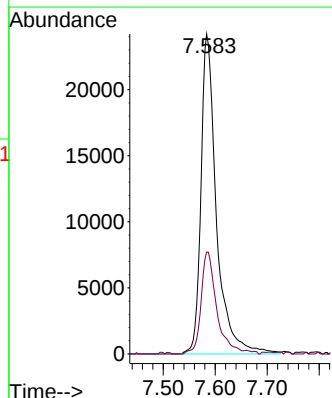
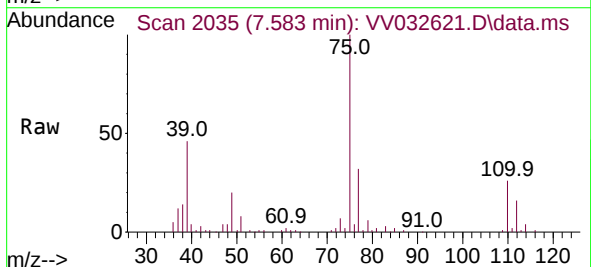
Acq: 25 Oct 2023 09:52

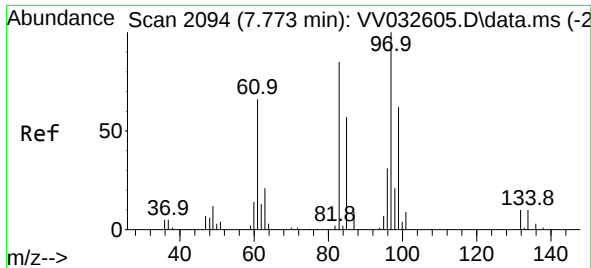
Tgt Ion: 75 Resp: 50130

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.7

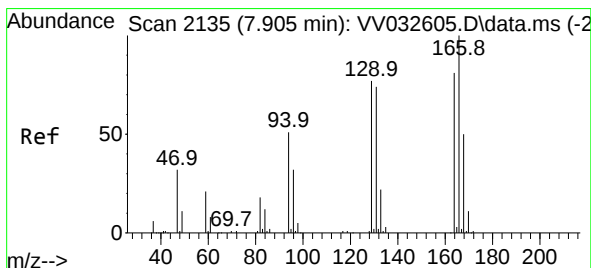
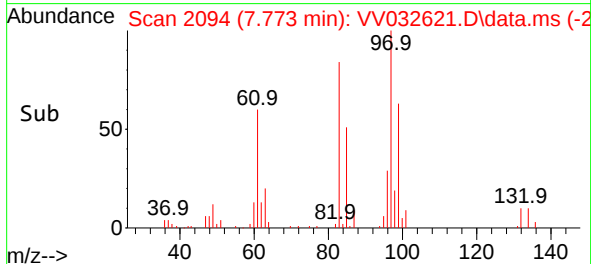
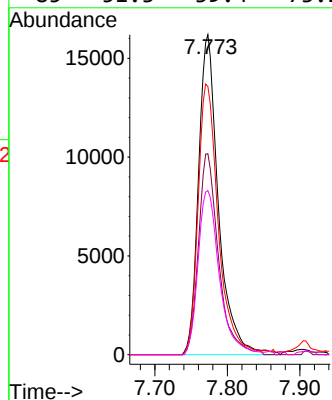
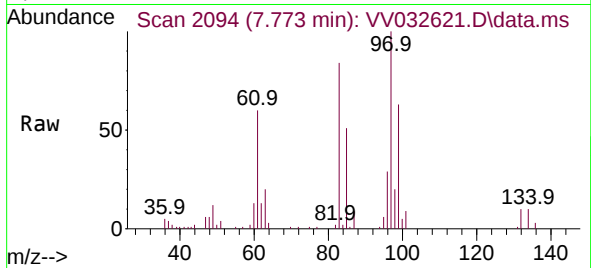




#45
1,1,2-Trichloroethane
Concen: 4.666 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

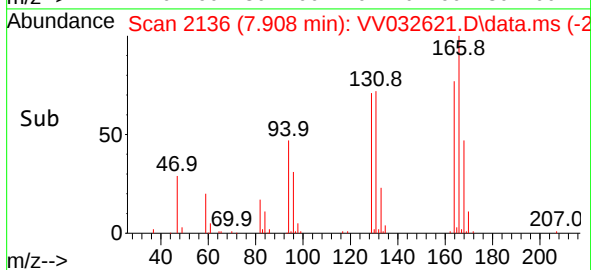
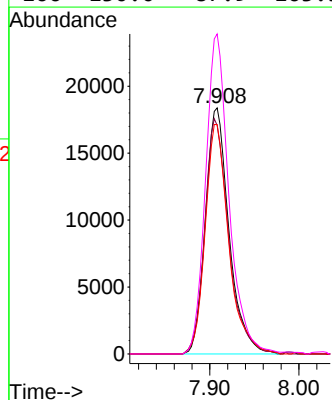
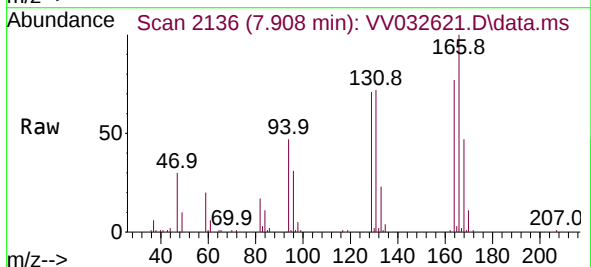
Instrument :
MSVOA_V
ClientSampleId :

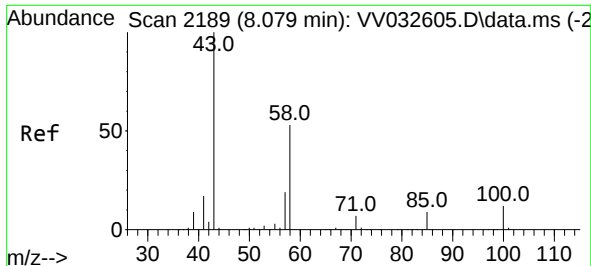
Tgt Ion:	97	Resp:	30998
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.8	79.4
83	83.8	60.9	113.1
85	51.3	39.4	73.2



#47
Tetrachloroethene
Concen: 4.651 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

Tgt Ion:	164	Resp:	33904
Ion	Ratio	Lower	Upper
164	100		
129	92.8	66.4	123.4
131	93.3	63.7	118.3
166	130.0	87.9	163.3

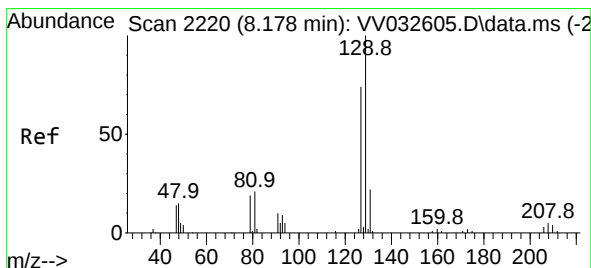
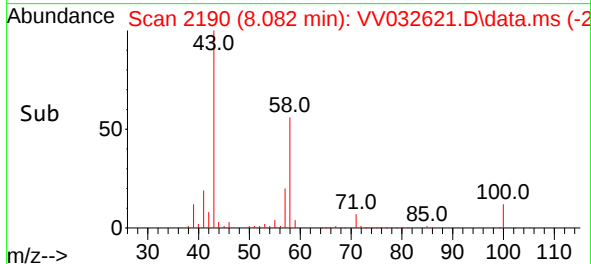
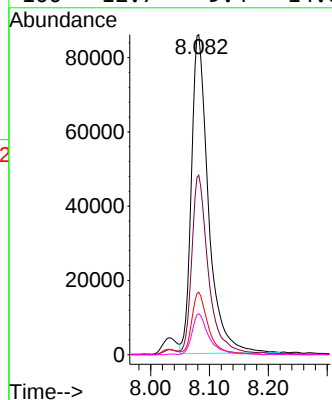
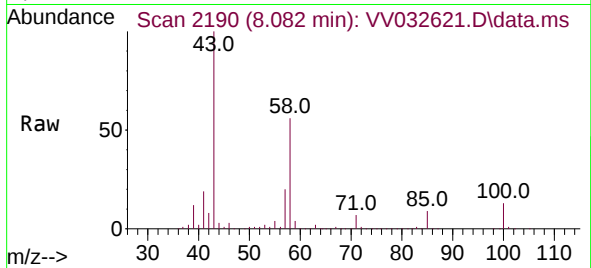




#48
2-Hexanone
Concen: 41.103 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

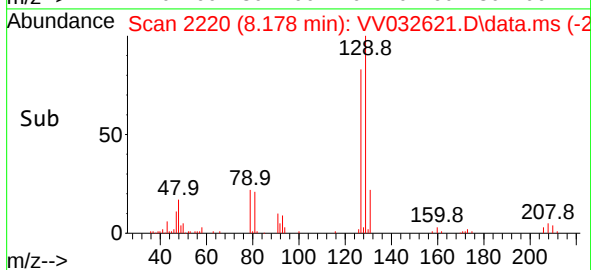
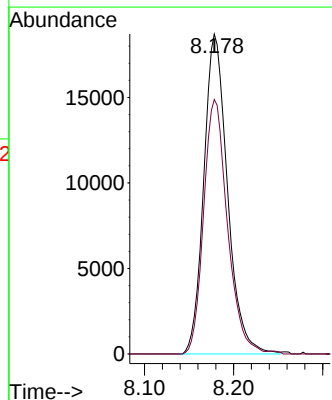
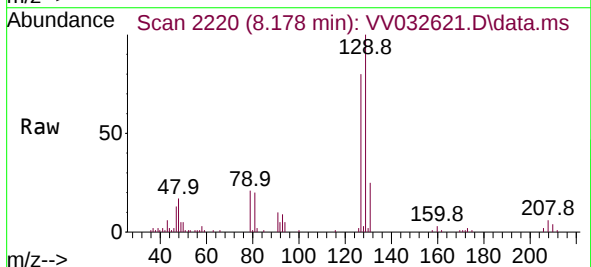
Instrument :
MSVOA_V
ClientSampleId :

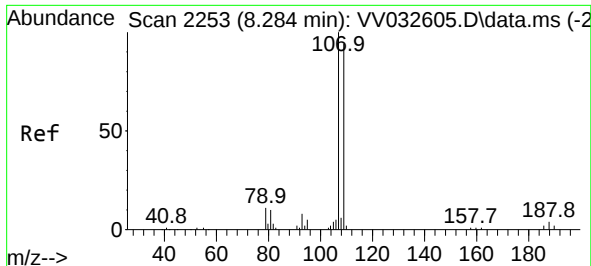
Tgt Ion: 43 Resp: 172821
Ion Ratio Lower Upper
43 100
58 53.8 43.6 65.4
57 19.2 14.6 22.0
100 12.7 9.4 14.0



#49
Dibromochloromethane
Concen: 4.996 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

Tgt Ion: 129 Resp: 34552
Ion Ratio Lower Upper
129 100
127 79.5 57.2 106.2





#50

1,2-Dibromoethane

Concen: 4.517 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

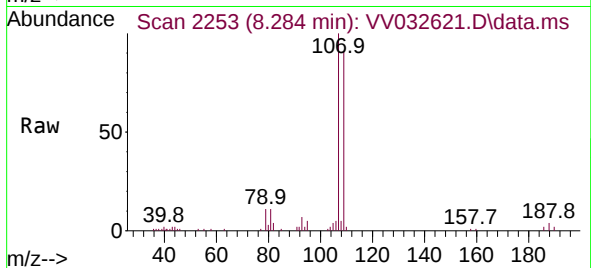
Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

Instrument :

MSVOA_V

ClientSampleId :



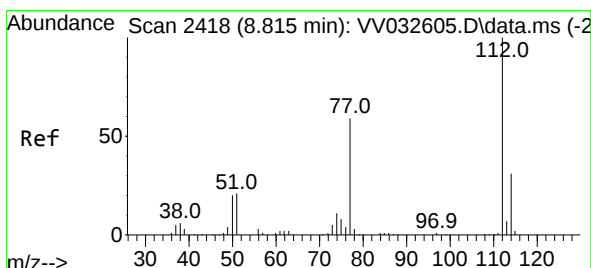
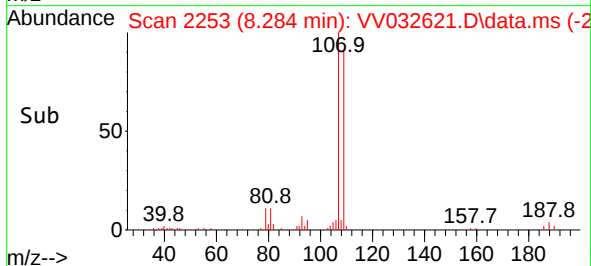
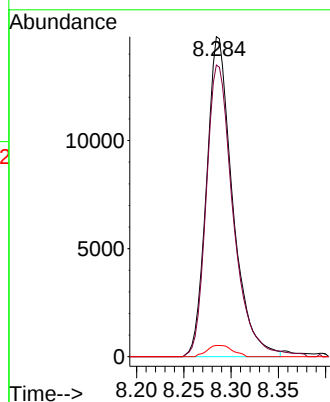
Tgt Ion:107 Resp: 28380

Ion Ratio Lower Upper

107 100

109 91.2 68.4 127.0

188 3.5 3.2 4.8



#51

Chlorobenzene

Concen: 4.807 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. -0.000 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

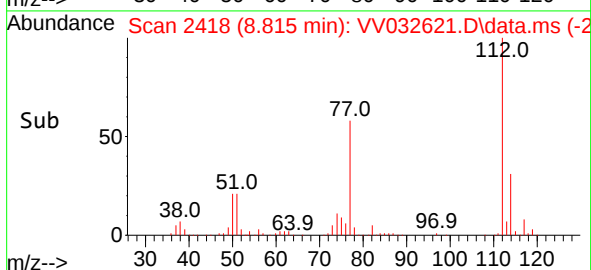
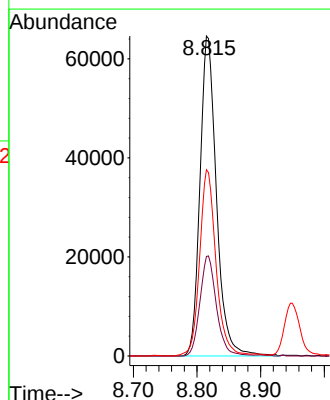
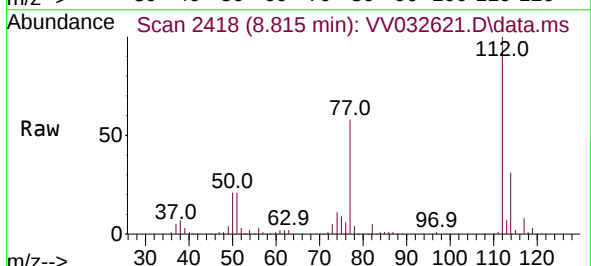
Tgt Ion:112 Resp: 116171

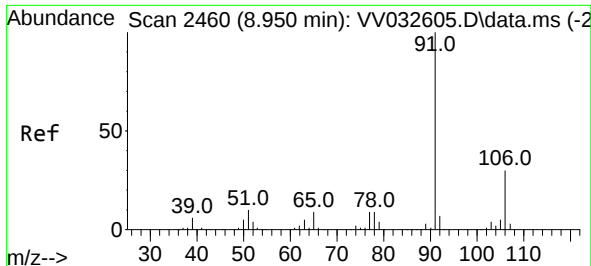
Ion Ratio Lower Upper

112 100

114 31.1 22.1 41.1

77 58.2 46.1 69.1

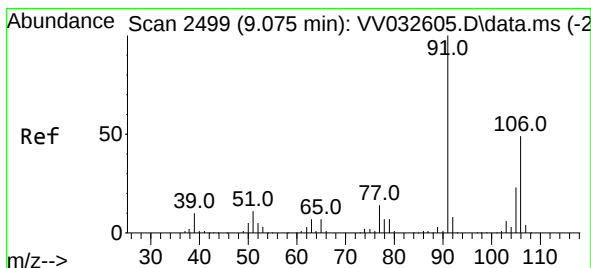
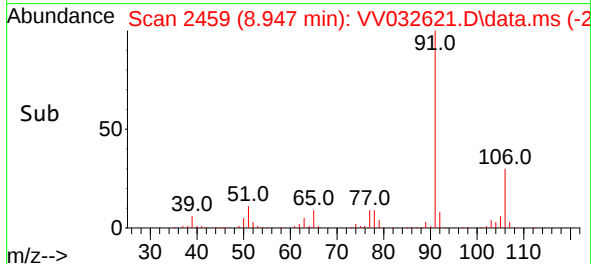
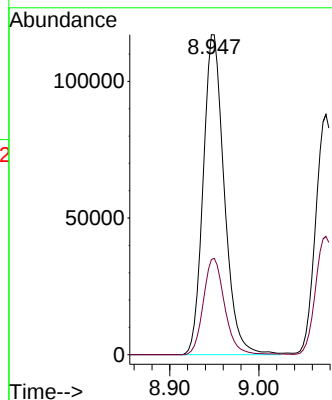
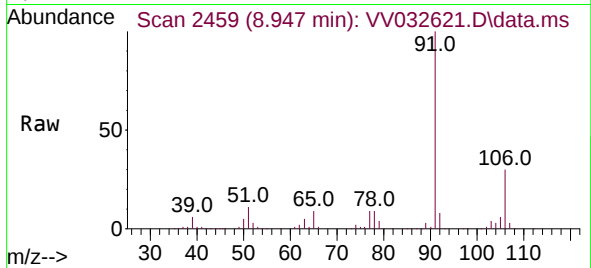




#52
Ethylbenzene
Concen: 4.607 ug/L
RT: 8.947 min Scan# 2460
Delta R.T. -0.003 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

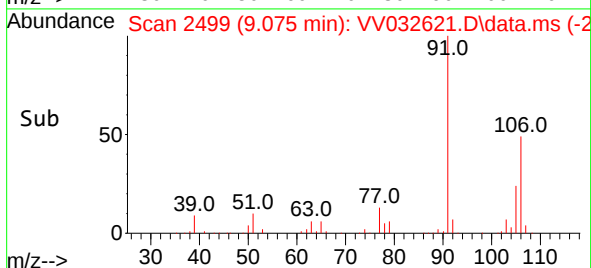
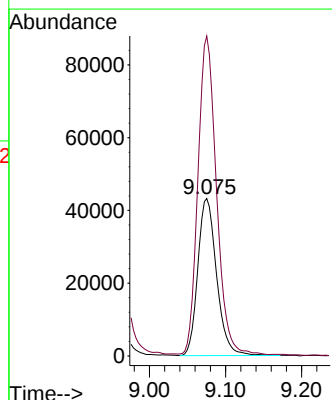
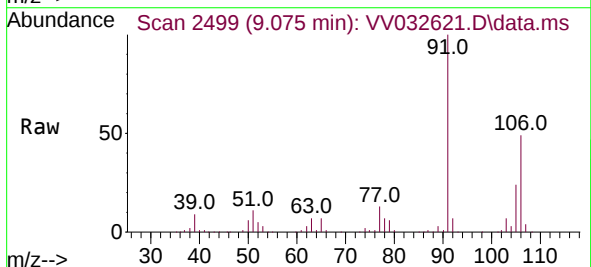
Instrument :
MSVOA_V
ClientSampleId :

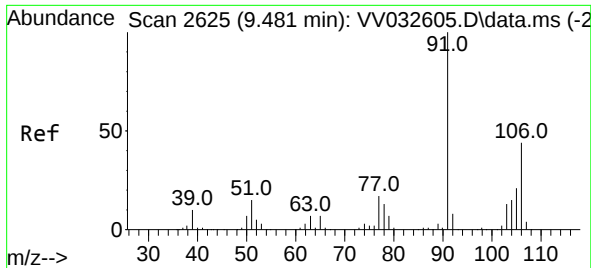
Tgt Ion: 91 Resp: 192565
Ion Ratio Lower Upper
91 100
106 29.8 21.3 39.5



#53
m,p-Xylene
Concen: 4.775 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

Tgt Ion: 106 Resp: 74029
Ion Ratio Lower Upper
106 100
91 203.2 144.5 268.3

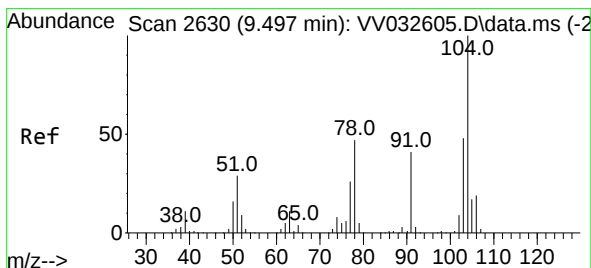
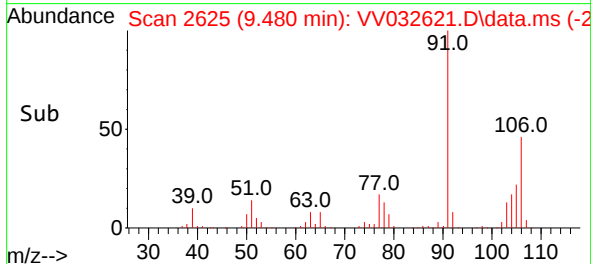
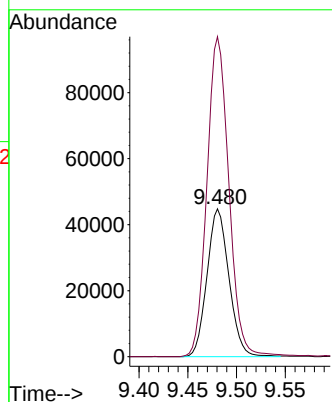
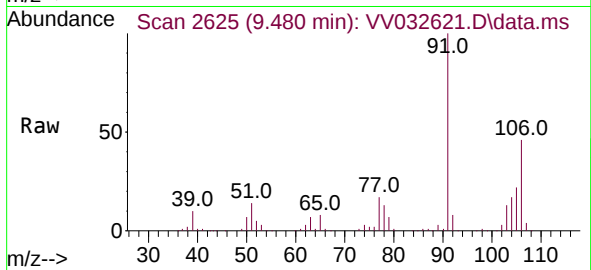




#54
o-Xylene
Concen: 4.706 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

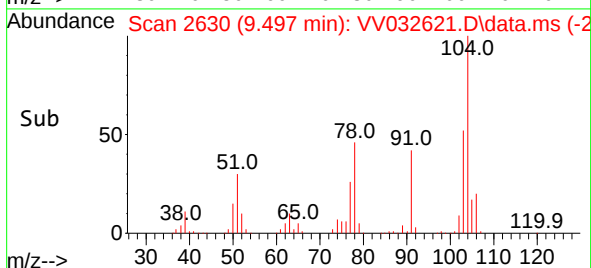
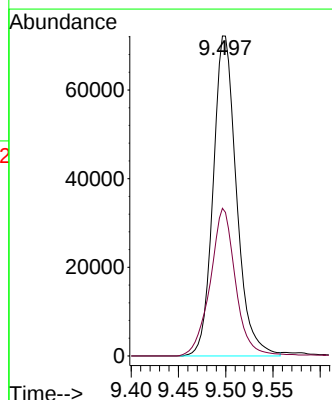
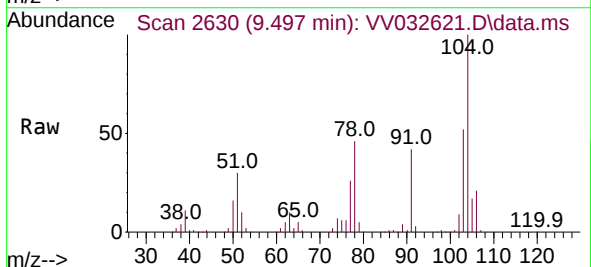
Instrument :
MSVOA_V
ClientSampleId :

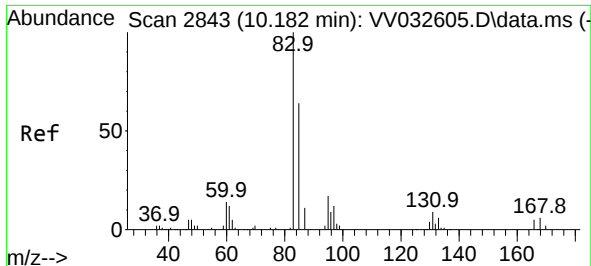
Tgt Ion:106 Resp: 70301
Ion Ratio Lower Upper
106 100
91 216.5 154.8 287.4



#55
Styrene
Concen: 4.922 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

Tgt Ion:104 Resp: 124170
Ion Ratio Lower Upper
104 100
78 46.2 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 4.917 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. -0.000 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

Instrument :

MSVOA_V

ClientSampleId :

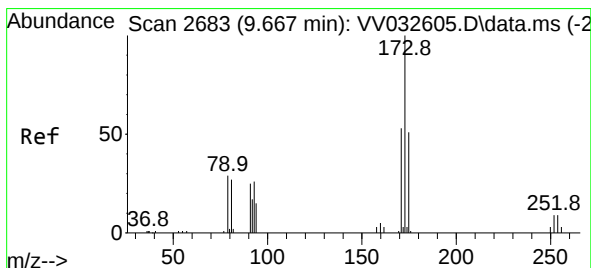
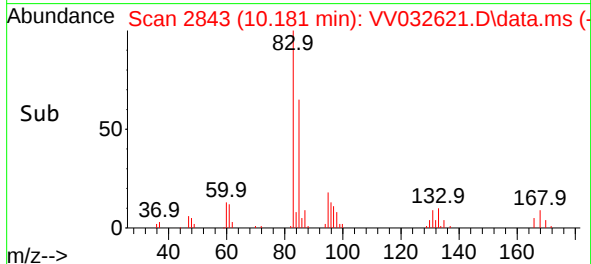
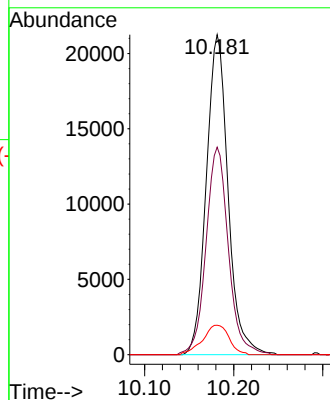
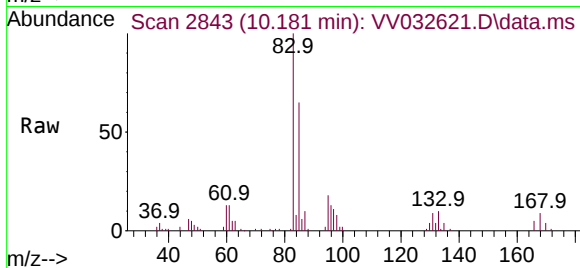
Tgt Ion: 83 Resp: 35940

Ion Ratio Lower Upper

83 100

85 64.9 43.6 81.0

131 9.2 7.0 10.6



#59

Bromoform

Concen: 5.019 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. -0.000 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

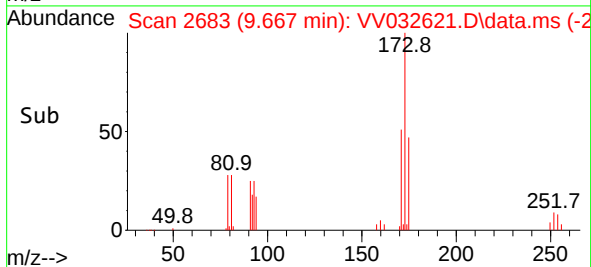
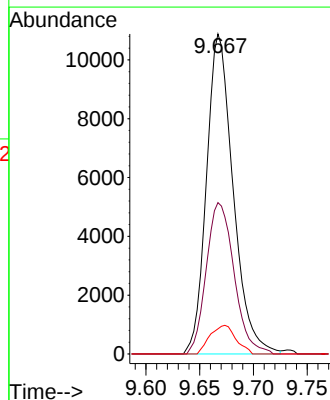
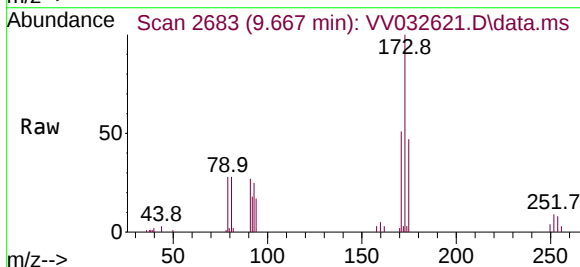
Tgt Ion: 173 Resp: 18744

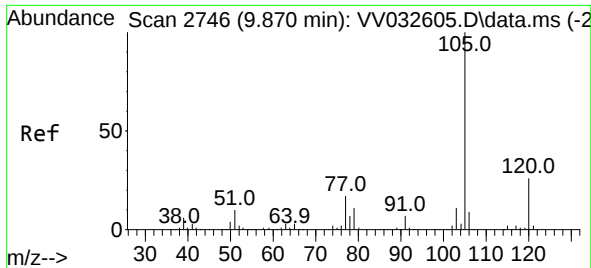
Ion Ratio Lower Upper

173 100

175 49.3 38.2 57.2

254 8.7 7.0 10.4

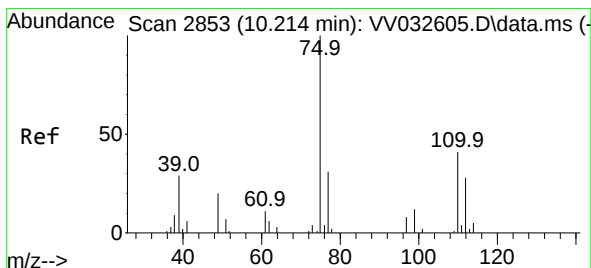
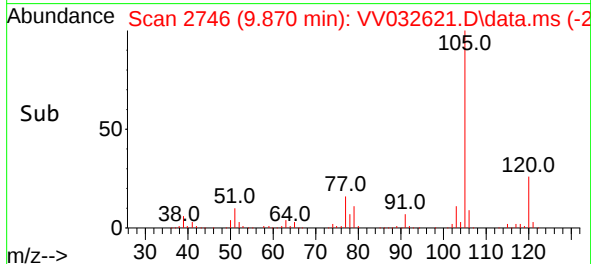
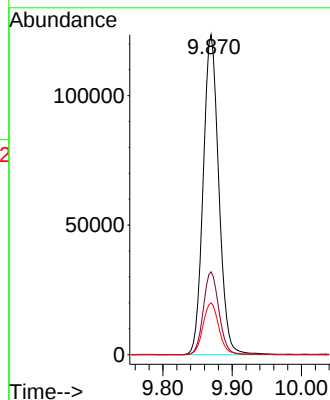
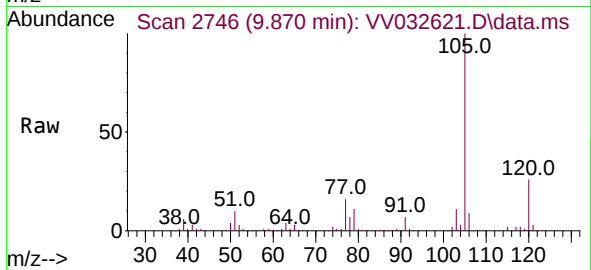




#60
Isopropylbenzene
Concen: 4.838 ug/L
RT: 9.870 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

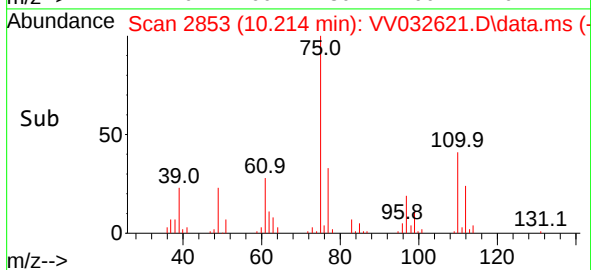
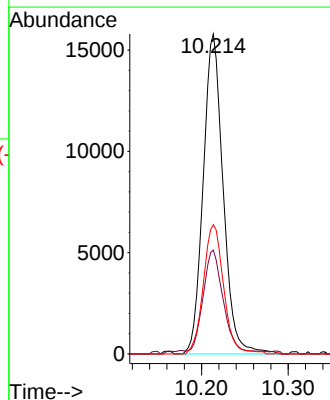
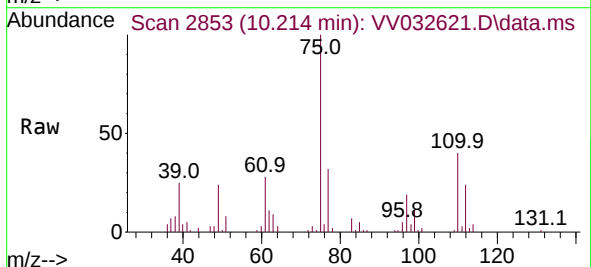
Instrument :
MSVOA_V
ClientSampleId :

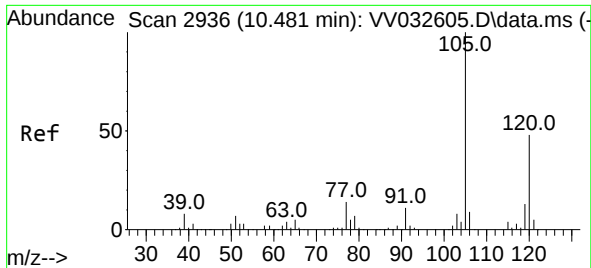
Tgt Ion:105 Resp: 193102
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 16.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.622 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

Tgt Ion: 75 Resp: 25268
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.2
110 41.0 30.6 46.0

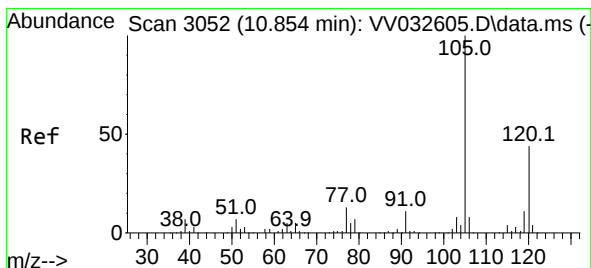
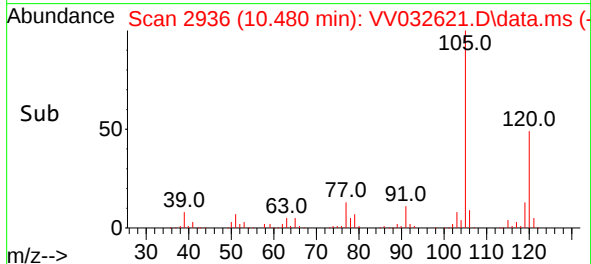
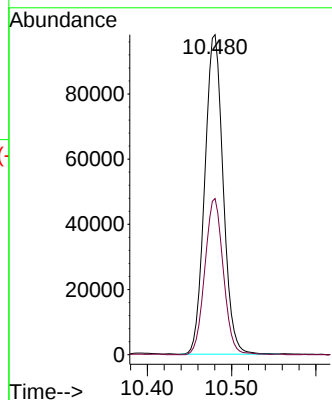
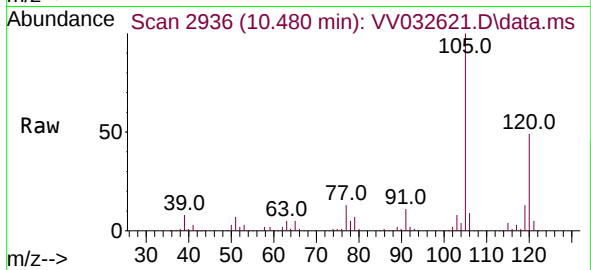




#62
 1,3,5-Trimethylbenzene
 Concen: 4.581 ug/L
 RT: 10.480 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VV032621.D
 Acq: 25 Oct 2023 09:52

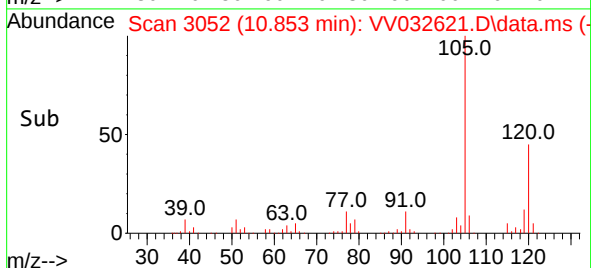
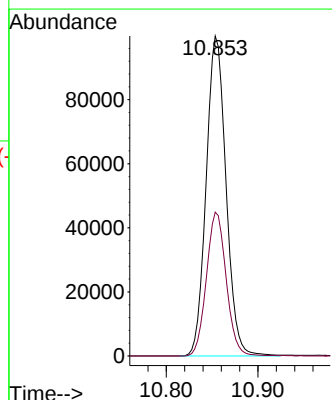
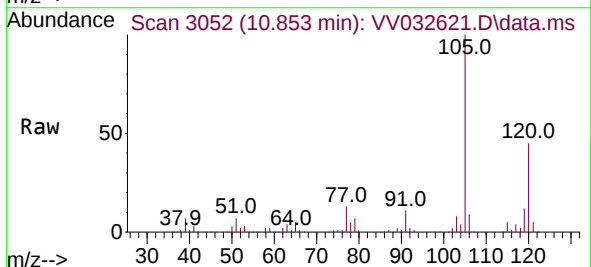
Instrument :
 MSVOA_V
 ClientSampleId :

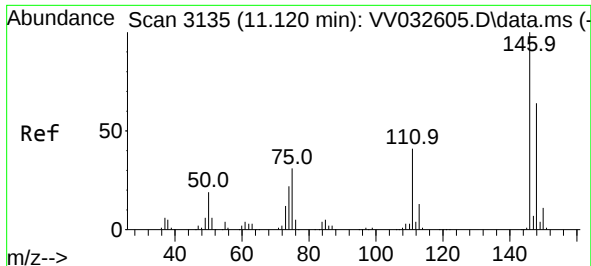
Tgt Ion:105 Resp: 149045
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 4.644 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. -0.000 min
 Lab File: VV032621.D
 Acq: 25 Oct 2023 09:52

Tgt Ion:105 Resp: 150413
 Ion Ratio Lower Upper
 105 100
 120 44.8 36.2 54.4

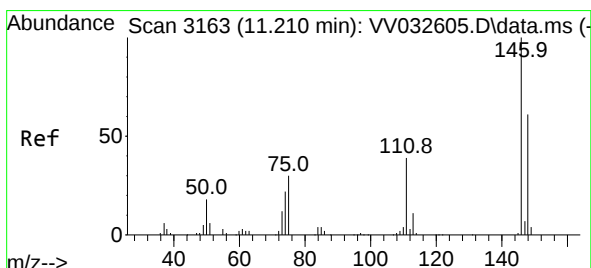
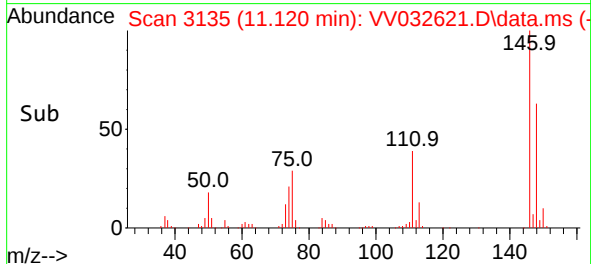
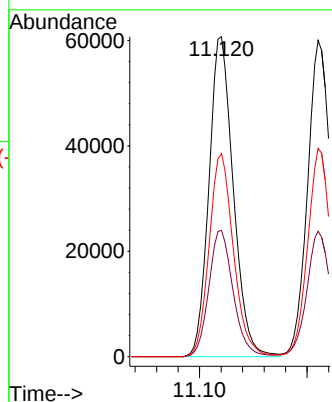
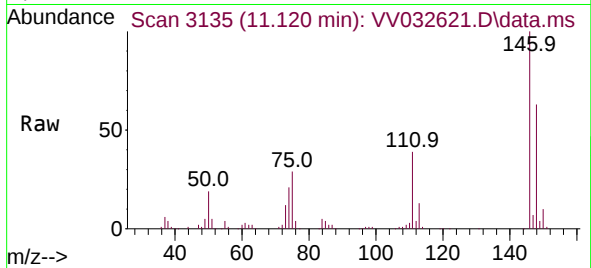




#64
1,3-Dichlorobenzene
Concen: 5.000 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

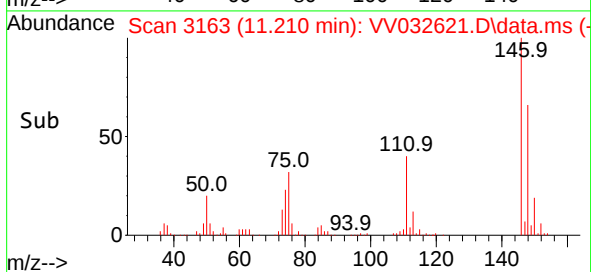
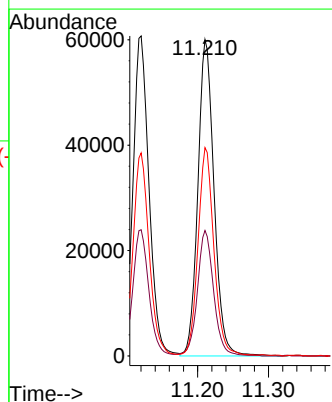
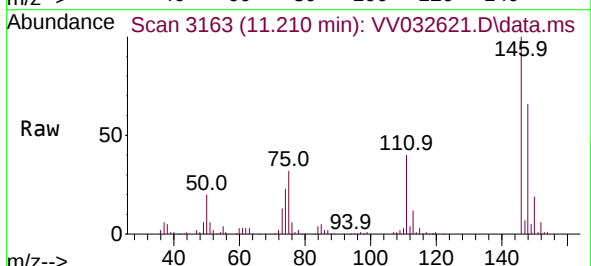
Instrument :
MSVOA_V
ClientSampleId :

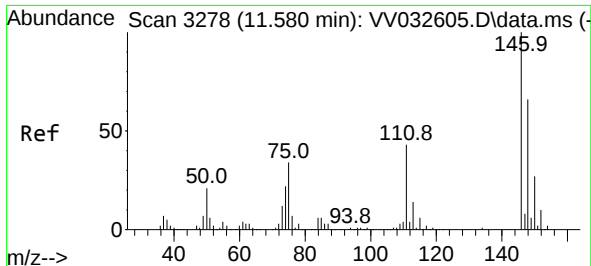
Tgt Ion:146 Resp: 95340
Ion Ratio Lower Upper
146 100
111 39.5 27.8 51.6
148 63.5 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.976 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

Tgt Ion:146 Resp: 95186
Ion Ratio Lower Upper
146 100
111 39.7 26.9 49.9
148 65.9 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.984 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

Instrument :

MSVOA_V

ClientSampleId :

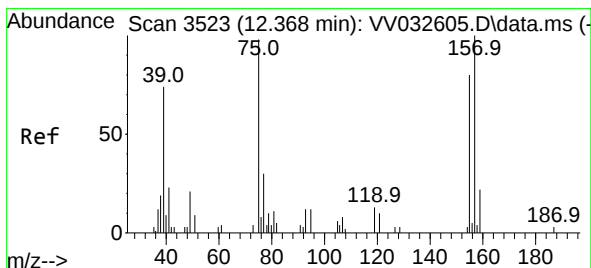
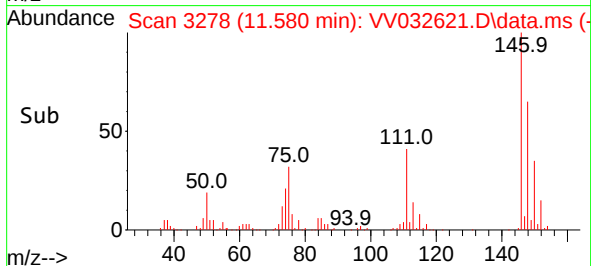
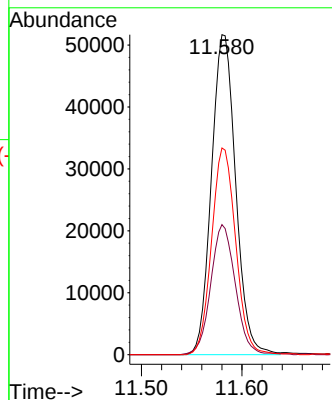
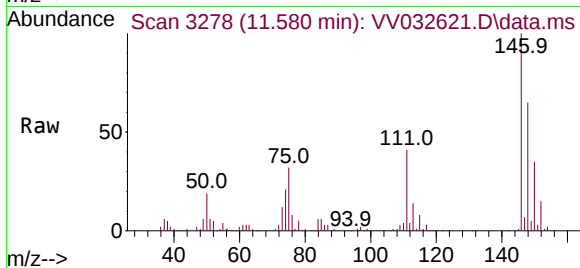
Tgt Ion:146 Resp: 86677

Ion Ratio Lower Upper

146 100

111 40.7 32.8 49.2

148 64.6 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.620 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV032621.D

Acq: 25 Oct 2023 09:52

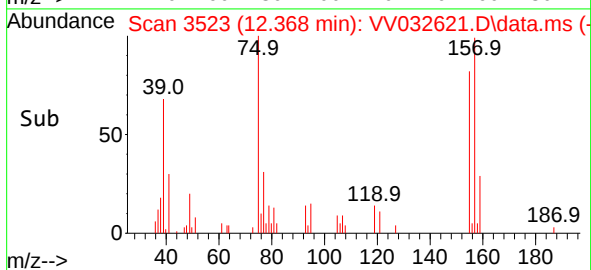
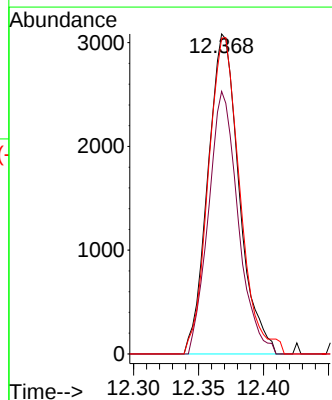
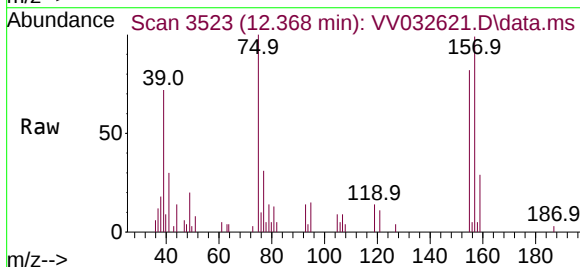
Tgt Ion: 75 Resp: 5160

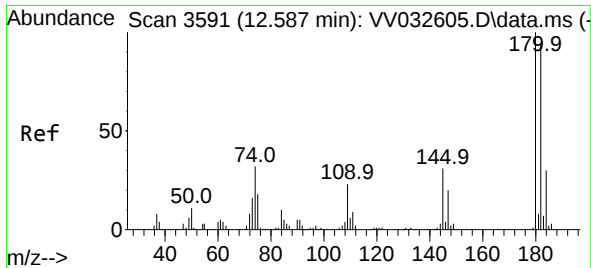
Ion Ratio Lower Upper

75 100

155 82.0 70.2 105.4

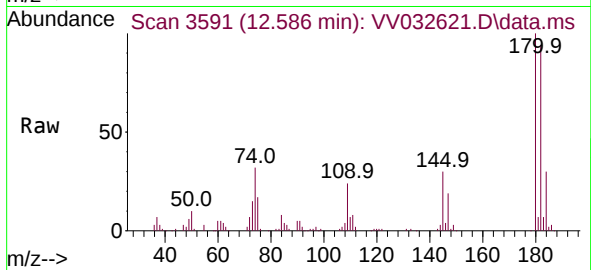
157 98.7 90.6 135.8



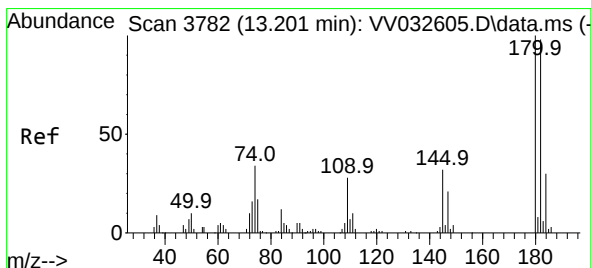
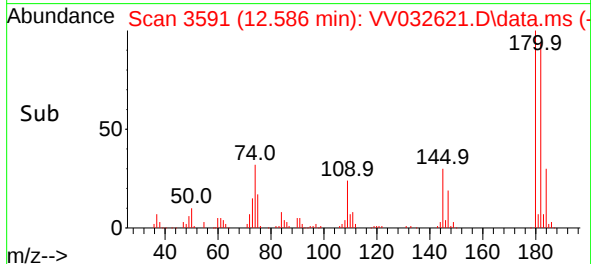
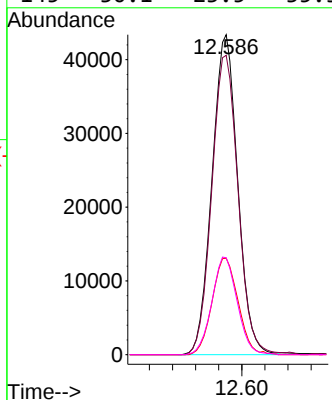


#69
1,3,5-Trichlorobenzene
Concen: 4.794 ug/L
RT: 12.586 min Scan# 3591
Delta R.T. -0.000 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

Instrument :
MSVOA_V
ClientSampleId :

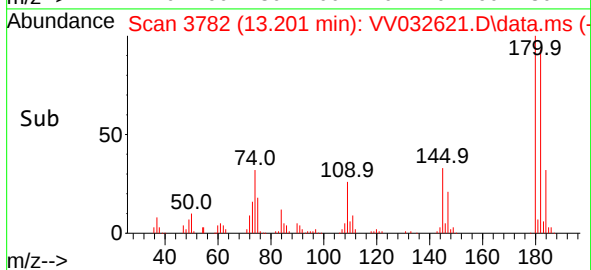
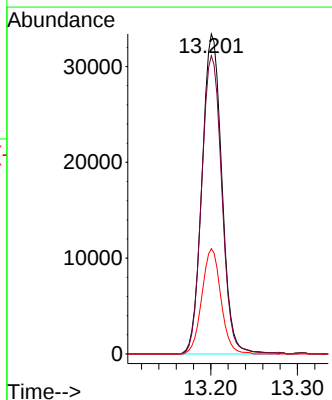
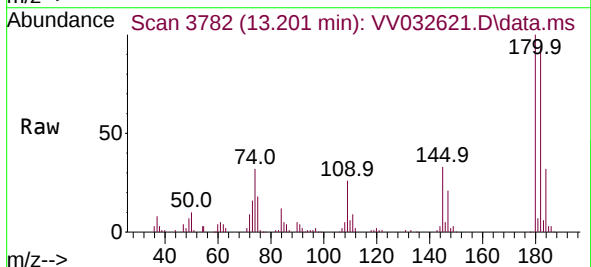


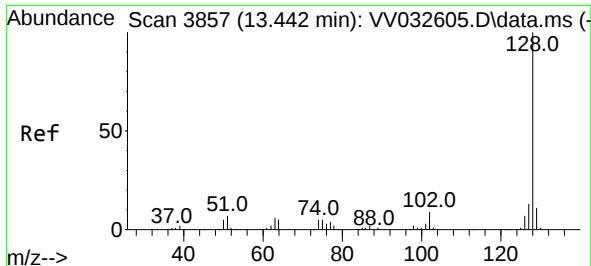
Tgt Ion:180 Resp: 66951
Ion Ratio Lower Upper
180 100
182 96.0 74.6 112.0
184 30.5 24.1 36.1
145 30.1 23.5 35.3



#70
1,2,4-trichlorobenzene
Concen: 4.289 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. -0.000 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

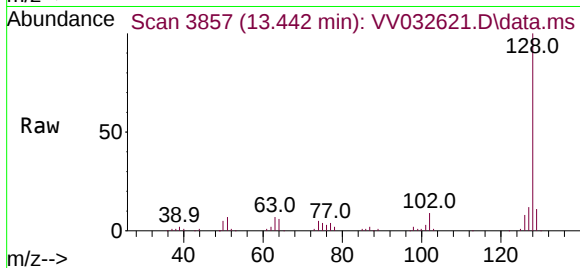
Tgt Ion:180 Resp: 53130
Ion Ratio Lower Upper
180 100
182 94.5 76.5 114.7
145 31.5 24.3 36.5



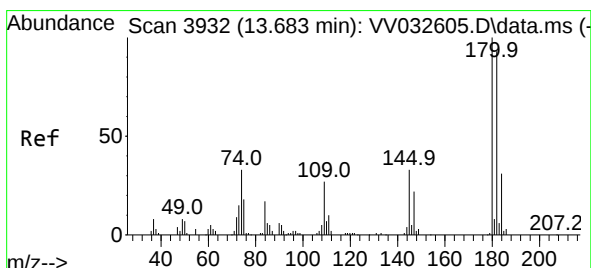
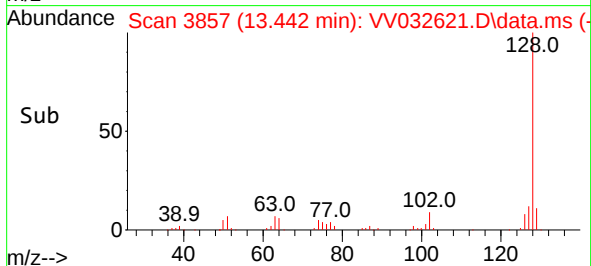
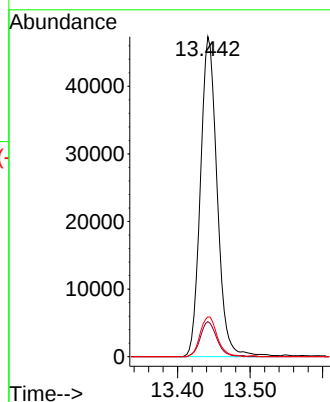


#71
Naphthalene
Concen: 3.607 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	12.8	10.2	15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.377 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.000 min
Lab File: VV032621.D
Acq: 25 Oct 2023 09:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.0	115.4
145	34.4	25.7	38.5

