

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101923\
 Data File : VW032508.D
 Acq On : 19 Oct 2023 19:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 20 06:26:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 06:17:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	104191	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	111441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	59500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37409	4.415	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.532	69	34223	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.060	65	15705	4.395	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.809	46	107037	49.934	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.860%
24) Chloroform-d	4.252	84	71763	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.947	65	35575	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	4.963	84	134360	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	5.992	67	42656	3.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.246	98	125486	4.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.558	79	15951	4.143	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.027	63	90071	49.725	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36459	4.798	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	47117	4.267	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	55246	4.758	ug/L	98
3) Chloromethane	1.217	50	57974	4.953	ug/L	100
5) Vinyl chloride	1.281	62	56832	5.091	ug/L	99
6) Bromomethane	1.487	94	29895	4.433	ug/L	98
8) Chloroethane	1.548	64	36806	5.477	ug/L	98
9) Trichlorofluoromethane	1.715	101	71682	5.354	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	42080	5.187	ug/L	99
12) 1,1-Dichloroethene	2.069	96	39739	5.200	ug/L	95
13) Acetone	2.137	43	83004	50.240	ug/L	94
14) Carbon disulfide	2.243	76	115695	4.331	ug/L	100
15) Methyl Acetate	2.387	43	18590	4.998	ug/L	98
16) Methylene chloride	2.449	84	53641	5.384	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	101582	4.883	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	40959	4.680	ug/L	97
19) 1,1-Dichloroethane	3.114	63	84167	5.112	ug/L	99
21) 2-Butanone	3.889	43	121055	46.855	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	46234	4.906	ug/L	98
23) Bromochloromethane	4.153	128	19757	4.983	ug/L	95
25) Chloroform	4.278	83	86221	5.337	ug/L	98

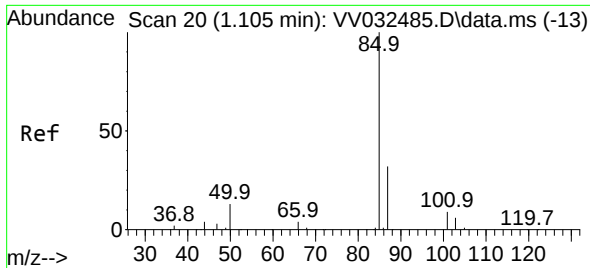
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101923\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 06:17:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	51977	5.446	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	69779	4.605	ug/L	96
30) Cyclohexane	4.584	56	65605	3.940	ug/L	98
31) Carbon tetrachloride	4.738	117	58554	4.567	ug/L	99
33) Benzene	5.011	78	182632	4.655	ug/L	100
34) Trichloroethene	5.834	95	46118	4.306	ug/L	96
35) Methylcyclohexane	6.053	83	61559	3.714	ug/L	92
37) 1,2-Dichloropropane	6.095	63	45133	4.301	ug/L	97
38) Bromodichloromethane	6.436	83	63020	5.055	ug/L	97
39) cis-1,3-Dichloropropene	6.956	75	65546	4.389	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	318562	47.974	ug/L	98
42) Toluene	7.317	91	201734	4.823	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	55625	4.533	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	35909	4.851	ug/L	98
47) Tetrachloroethene	7.908	164	35978	4.429	ug/L	98
48) 2-Hexanone	8.079	43	228734	48.822	ug/L	98
49) Dibromochloromethane	8.178	129	37811	4.906	ug/L	99
50) 1,2-Dibromoethane	8.284	107	32390	4.626	ug/L	98
51) Chlorobenzene	8.815	112	125912	4.676	ug/L	98
52) Ethylbenzene	8.950	91	213619	4.587	ug/L	100
53) m,p-Xylene	9.075	106	79097	4.579	ug/L	100
54) o-Xylene	9.480	106	76136	4.574	ug/L	96
55) Styrene	9.500	104	136593	4.859	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.181	83	42065	5.165	ug/L	97
59) Bromoform	9.670	173	20211	4.671	ug/L	100
60) Isopropylbenzene	9.869	105	208586	4.511	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	29842	4.712	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	162170	4.303	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	163767	4.365	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	99802	4.518	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	100632	4.541	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	90748	4.504	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	6085	4.703	ug/L	93
69) 1,3,5-Trichlorobenzene	12.586	180	69913	4.322	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	60231	4.197	ug/L	97
71) Naphthalene	13.442	128	101899	4.180	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	55695	4.505	ug/L	97

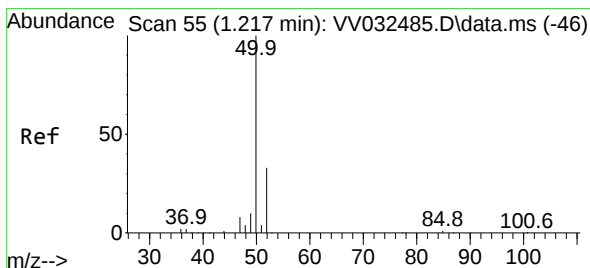
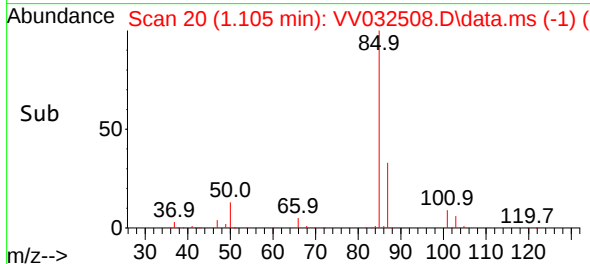
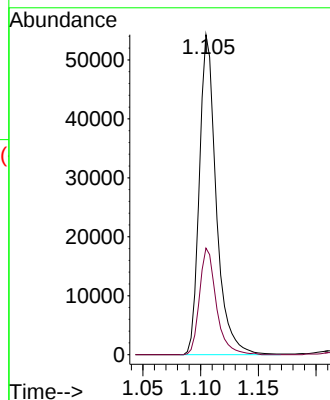
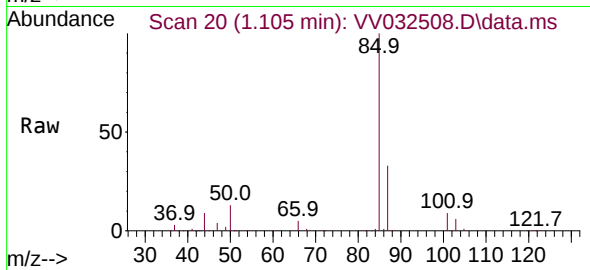
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#2
 Dichlorodifluoromethane
 Concen: 4.758 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032508.D
 Acq: 19 Oct 2023 19:43

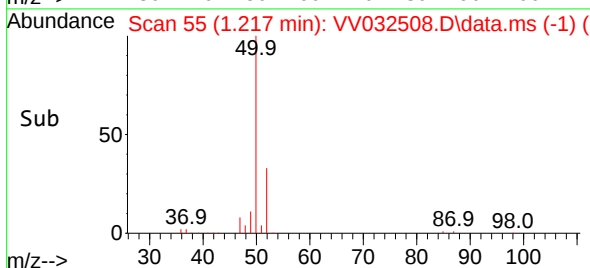
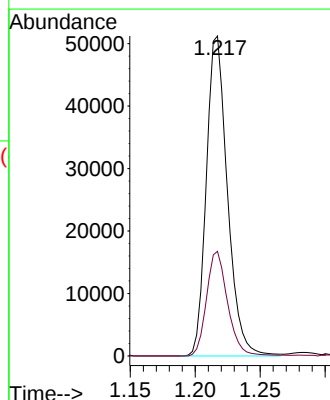
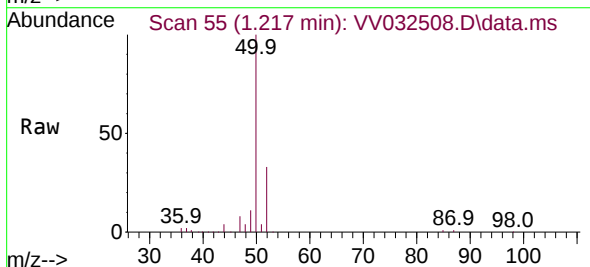
Instrument :
 MSVOA_V
 ClientSampleId :

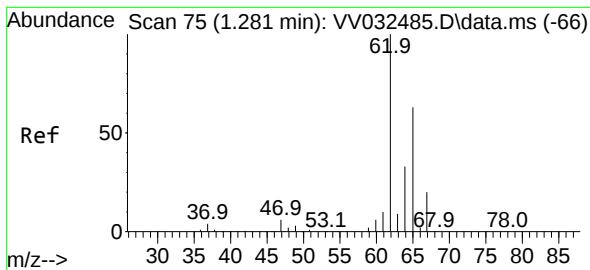
Tgt Ion: 85 Resp: 55246
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.5 38.3



#3
 Chloromethane
 Concen: 4.953 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032508.D
 Acq: 19 Oct 2023 19:43

Tgt Ion: 50 Resp: 57974
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.0 42.6

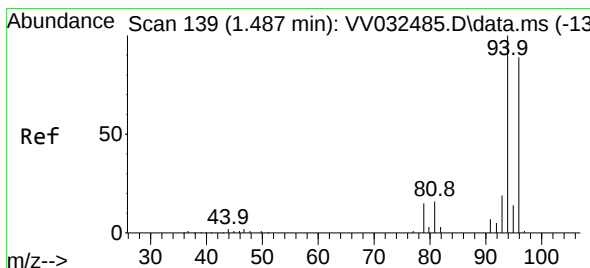
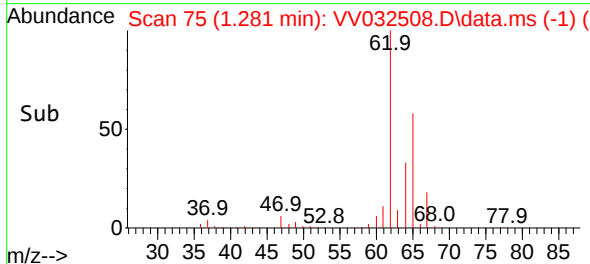
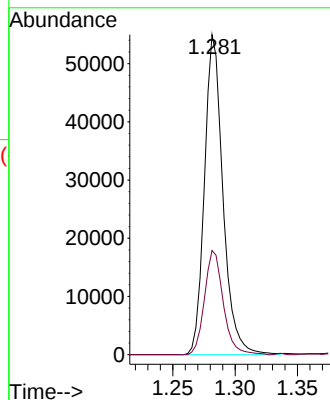
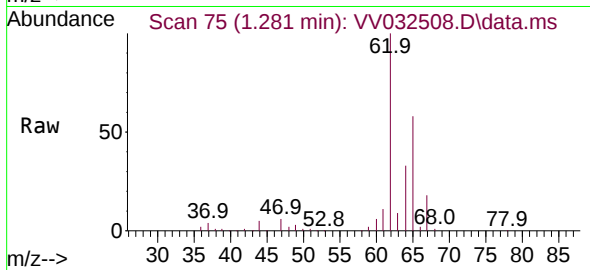




#5
 Vinyl chloride
 Concen: 5.091 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032508.D
 Acq: 19 Oct 2023 19:43

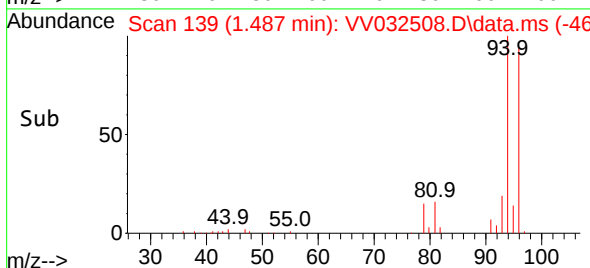
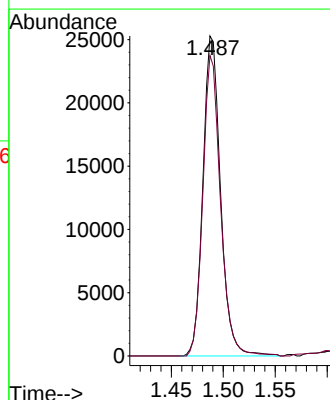
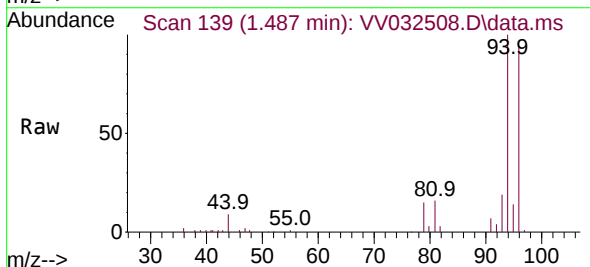
Instrument :
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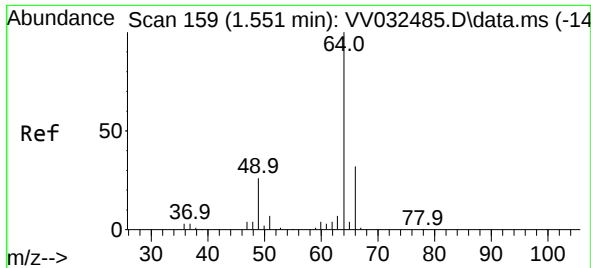
Tgt Ion: 62 Resp: 56832
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.1 42.9



#6
 Bromomethane
 Concen: 4.433 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032508.D
 Acq: 19 Oct 2023 19:43

Tgt Ion: 94 Resp: 29895
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.8 124.2

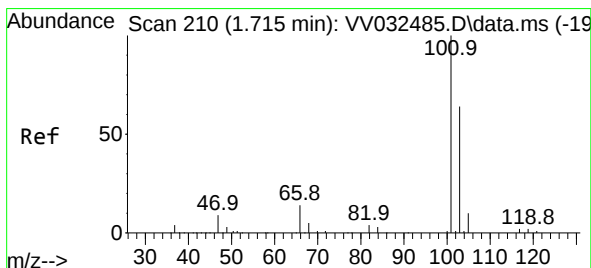
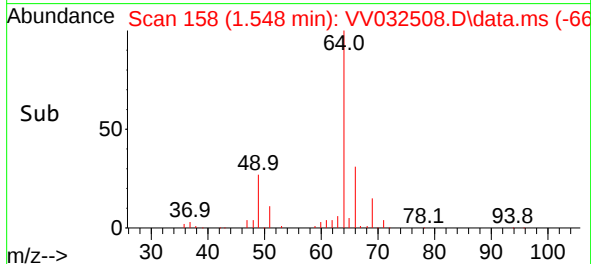
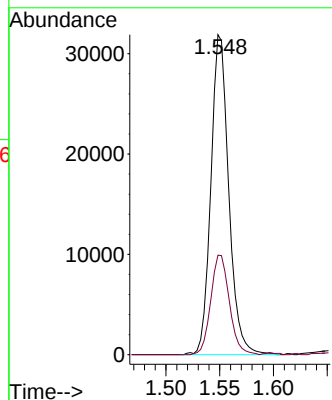
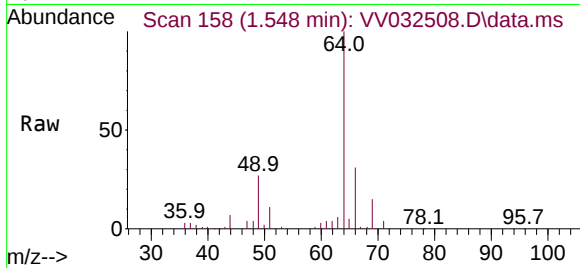




#8
Chloroethane
Concen: 5.477 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

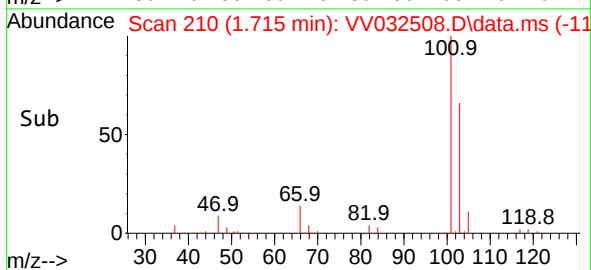
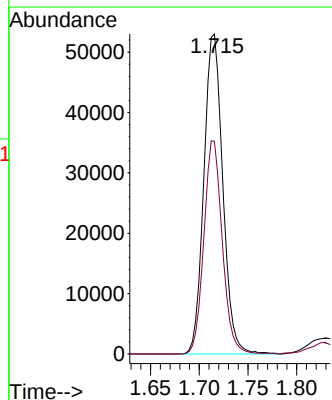
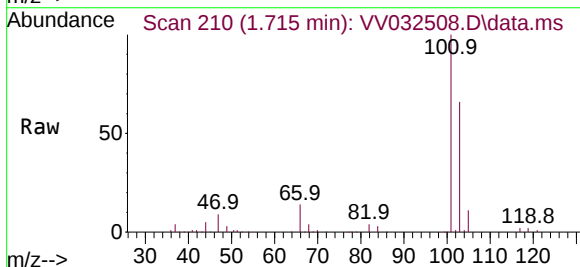
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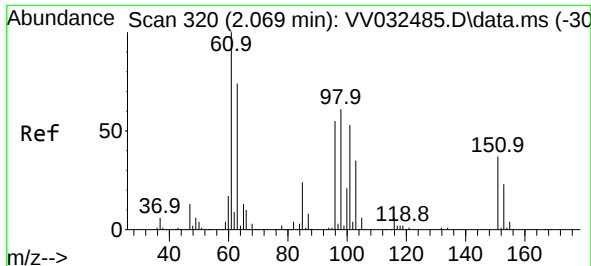
Tgt Ion: 64 Resp: 36806
Ion Ratio Lower Upper
64 100
66 31.1 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.354 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

Tgt Ion:101 Resp: 71682
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

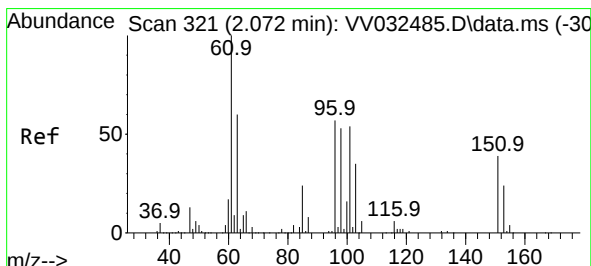
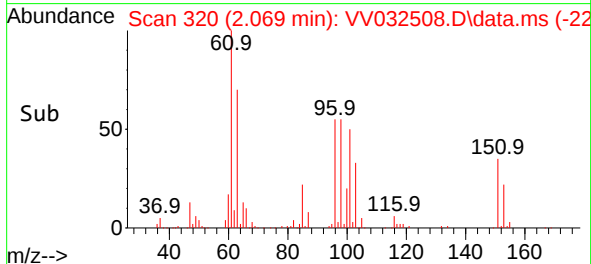
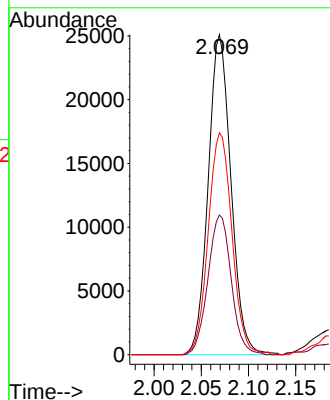
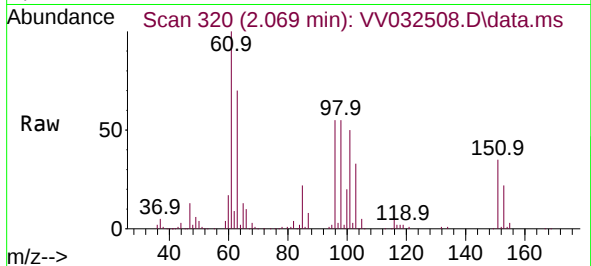




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.187 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV032508.D
 Acq: 19 Oct 2023 19:43

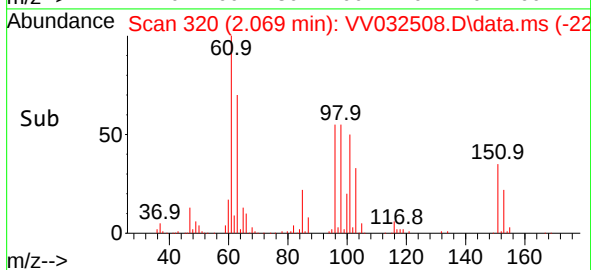
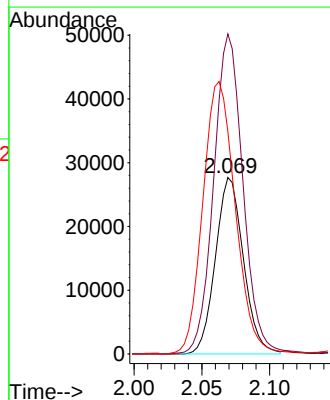
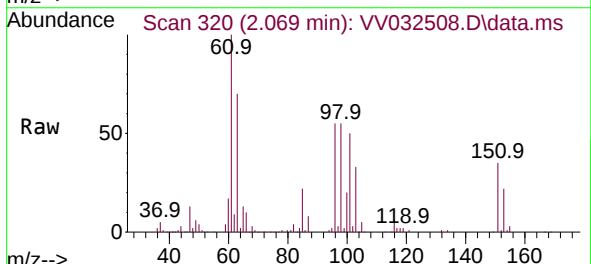
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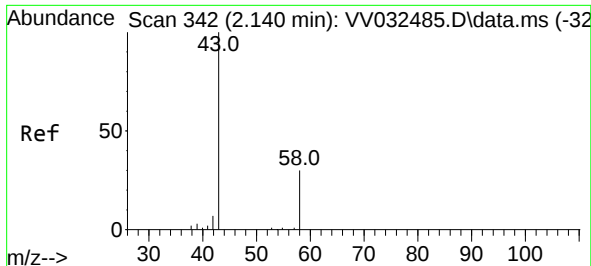
Tgt Ion:101 Resp: 42080
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.0 52.6
 151 72.1 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 5.200 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV032508.D
 Acq: 19 Oct 2023 19:43

Tgt Ion: 96 Resp: 39739
 Ion Ratio Lower Upper
 96 100
 61 181.4 127.3 236.3
 63 126.1 98.3 182.7





#13

Acetone

Concen: 50.240 ug/L

RT: 2.137 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV032508.D

Acq: 19 Oct 2023 19:43

Instrument :

MSVOA_V

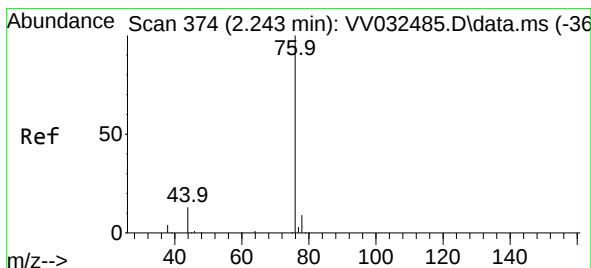
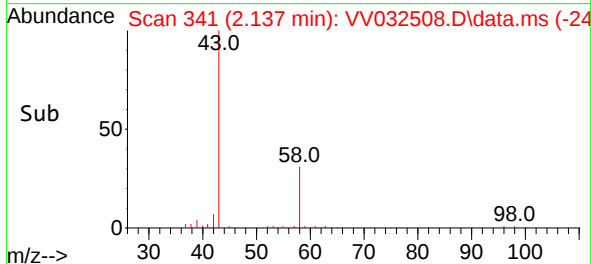
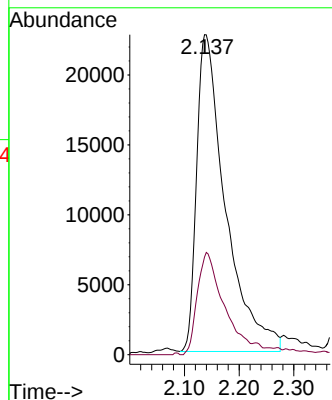
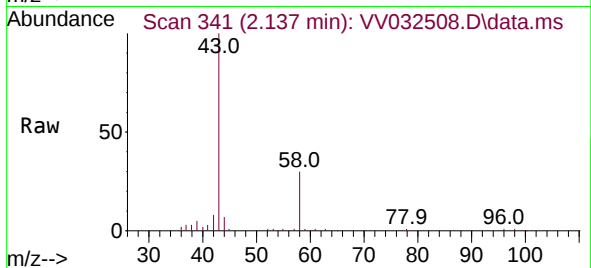
ClientSampleId :

Tgt Ion: 43 Resp: 83004

Ion Ratio Lower Upper

43 100

58 29.5 0.0 66.0



#14

Carbon disulfide

Concen: 4.331 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV032508.D

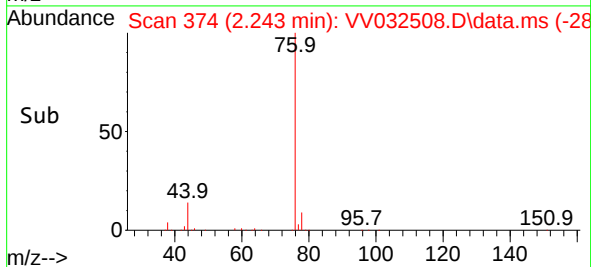
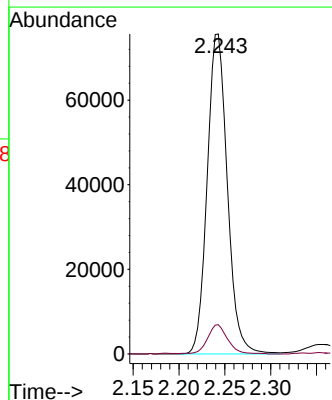
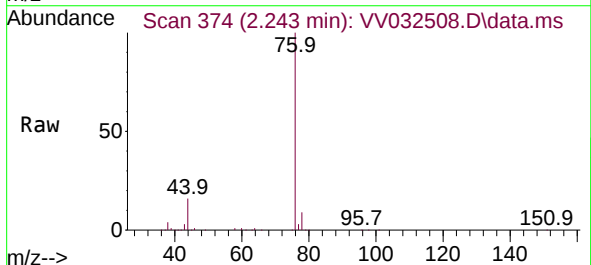
Acq: 19 Oct 2023 19:43

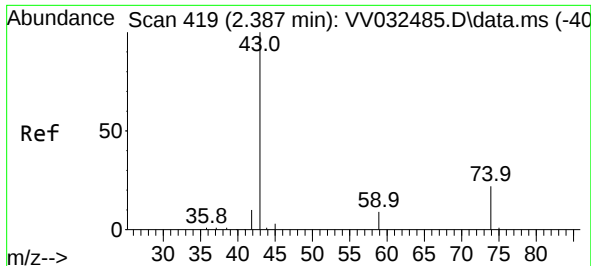
Tgt Ion: 76 Resp: 115695

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

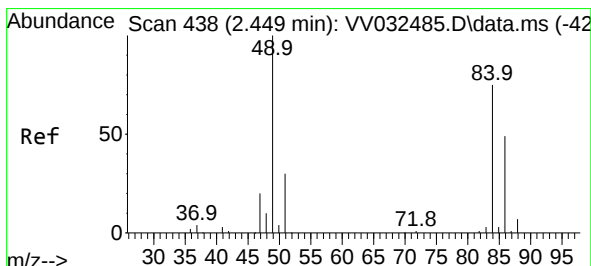
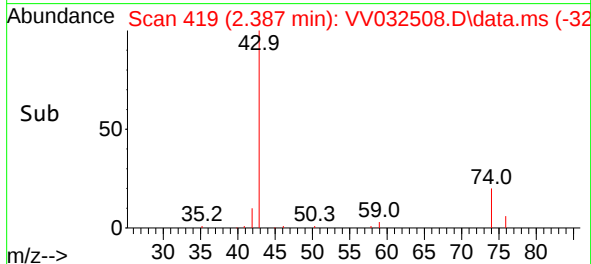
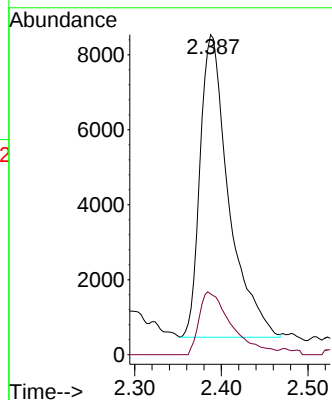
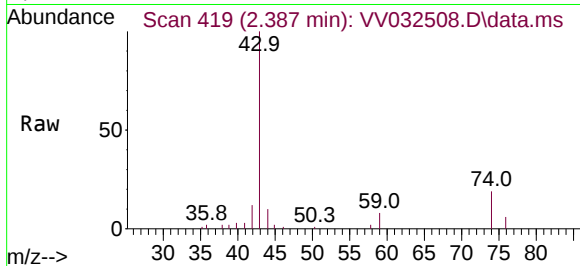




#15
Methyl Acetate
Concen: 4.998 ug/L
RT: 2.387 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

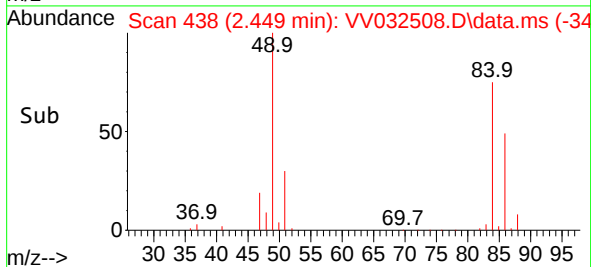
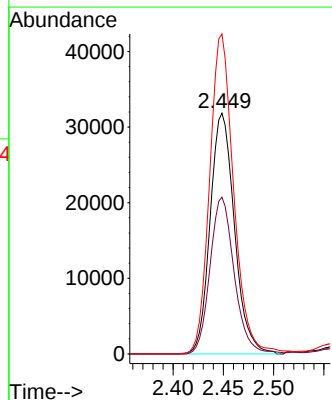
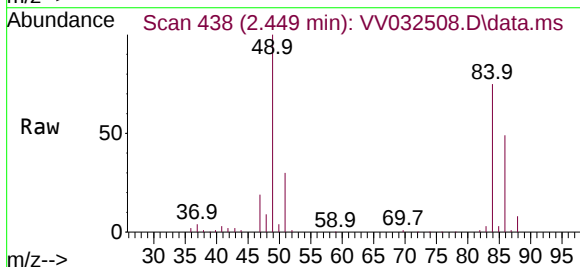
Instrument :
MSVOA_V
ClientSampleId :

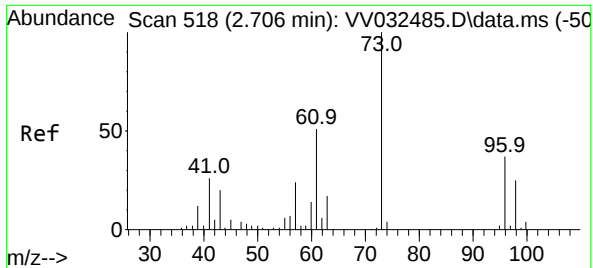
Tgt Ion: 43 Resp: 18590
Ion Ratio Lower Upper
43 100
74 23.5 18.0 27.0



#16
Methylene chloride
Concen: 5.384 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

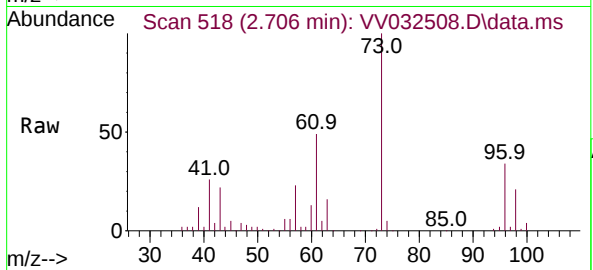
Tgt Ion: 84 Resp: 53641
Ion Ratio Lower Upper
84 100
86 65.1 43.2 80.2
49 132.8 86.3 160.3



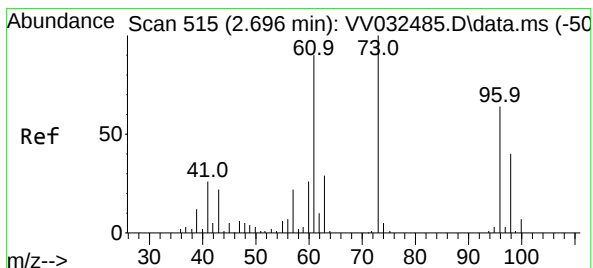
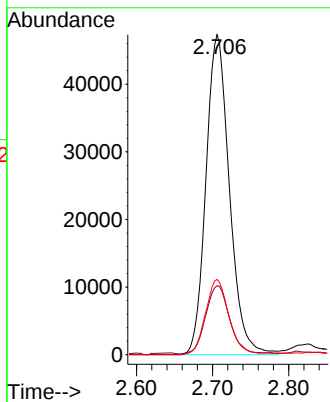
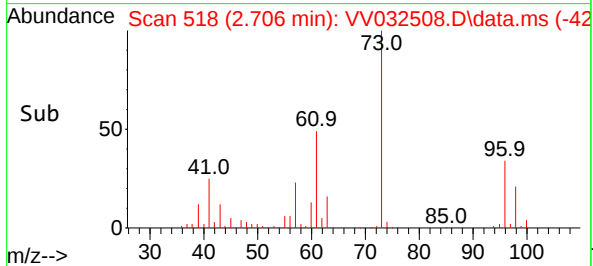


#17
Methyl tert-butyl Ether
Concen: 4.883 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

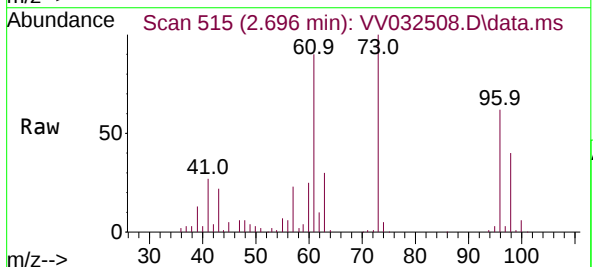
Instrument :
MSVOA_V
ClientSampleId :



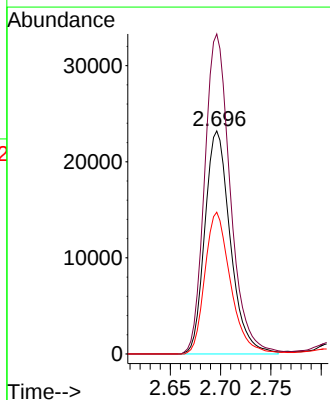
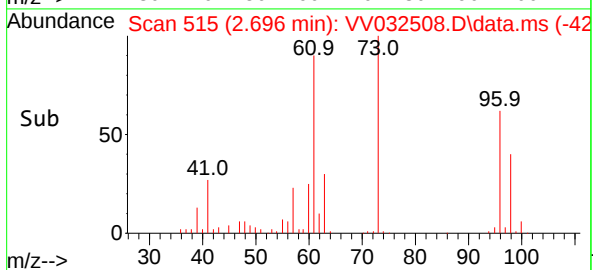
Tgt Ion: 73	Resp: 101582
Ion Ratio	Lower Upper
73 100	
43 21.7	15.1 22.7
57 23.2	18.3 27.5

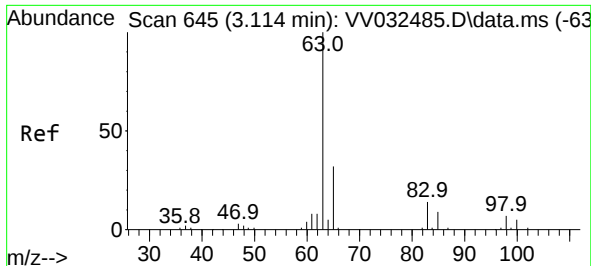


#18
trans-1,2-Dichloroethene
Concen: 4.680 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43



Tgt Ion: 96	Resp: 40959		
Ion Ratio	Lower	Upper	
96	100		
61	143.4	96.9	180.1
98	63.5	45.3	84.1





#19

1,1-Dichloroethane

Concen: 5.112 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV032508.D

Acq: 19 Oct 2023 19:43

Instrument :

MSVOA_V

ClientSampleId :

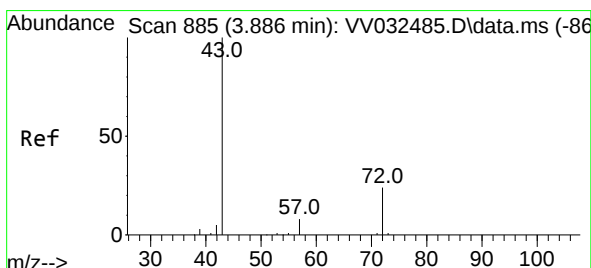
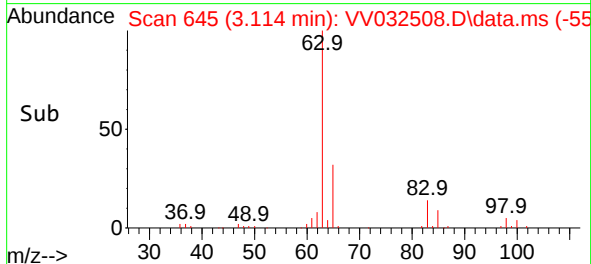
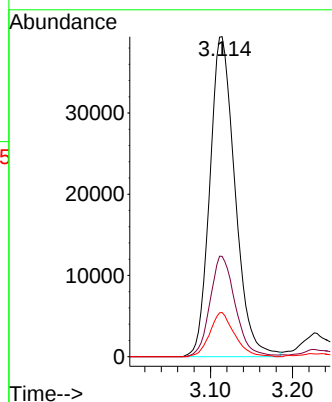
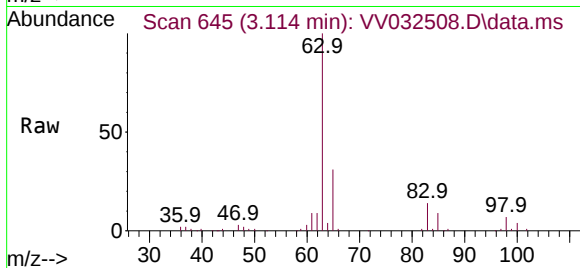
Tgt Ion: 63 Resp: 84167

Ion Ratio Lower Upper

63 100

65 31.3 22.3 41.5

83 13.8 9.0 16.6



#21

2-Butanone

Concen: 46.855 ug/L

RT: 3.889 min Scan# 886

Delta R.T. 0.003 min

Lab File: VV032508.D

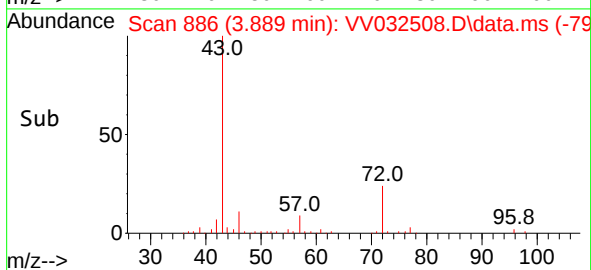
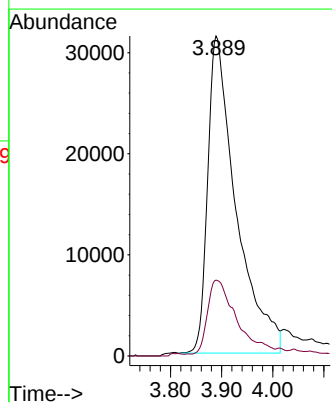
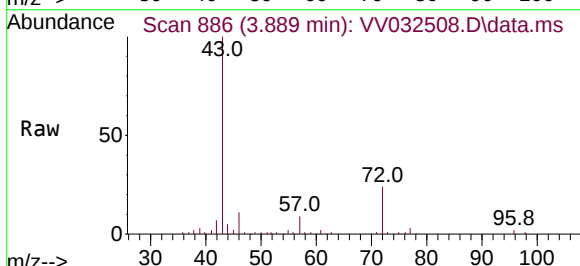
Acq: 19 Oct 2023 19:43

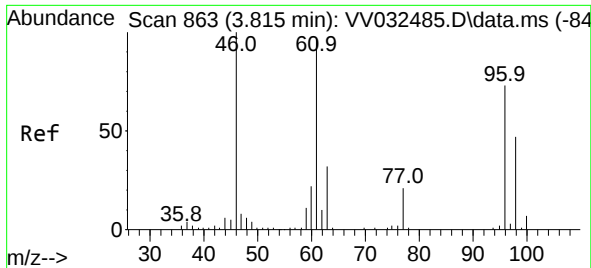
Tgt Ion: 43 Resp: 121055

Ion Ratio Lower Upper

43 100

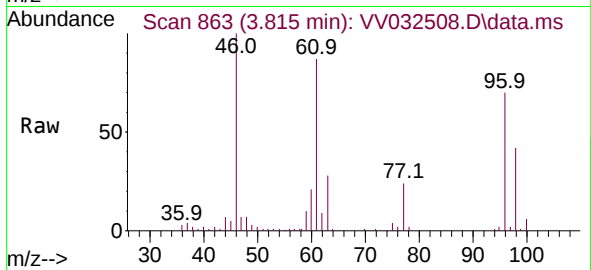
72 23.9 11.6 34.8



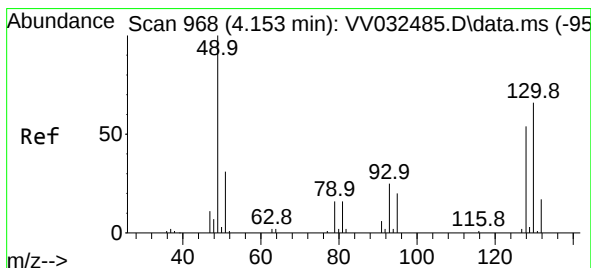
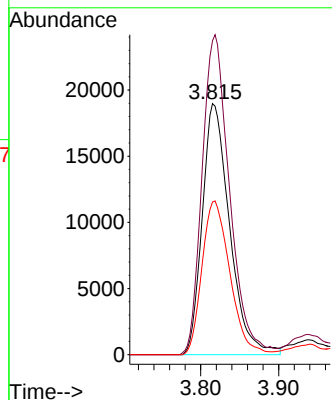
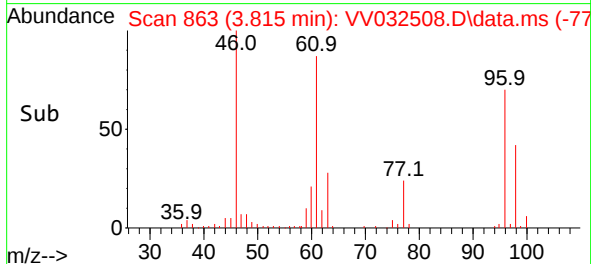


#22
 cis-1,2-Dichloroethene
 Concen: 4.906 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV032508.D
 Acq: 19 Oct 2023 19:43

Instrument :
 MSVOA_V
 ClientSampleId :

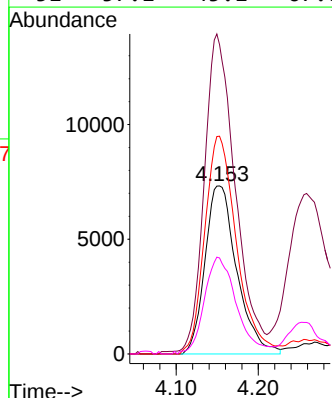
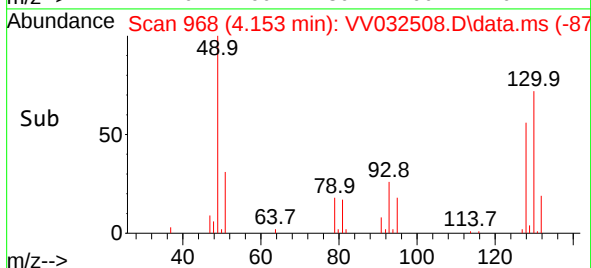
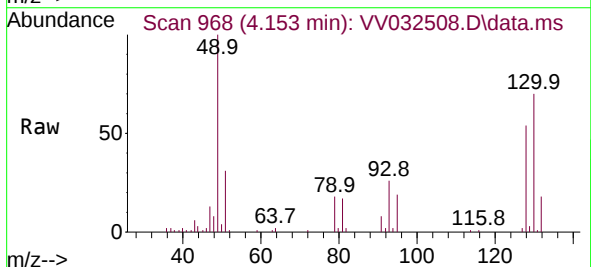


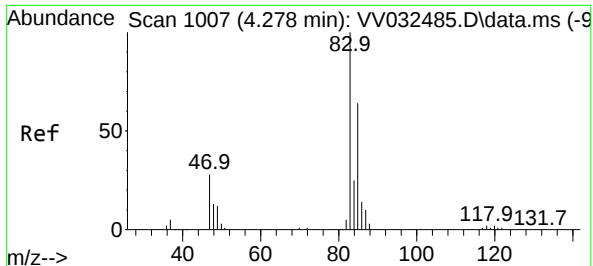
Tgt Ion:	96	Resp:	46234
Ion	Ratio	Lower	Upper
96	100		
61	125.1	85.8	159.4
98	60.8	44.0	81.6



#23
 Bromochloromethane
 Concen: 4.983 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VV032508.D
 Acq: 19 Oct 2023 19:43

Tgt Ion:	128	Resp:	19757
Ion	Ratio	Lower	Upper
128	100		
49	184.1	121.2	225.0
130	129.6	88.2	163.8
51	57.1	45.1	67.7

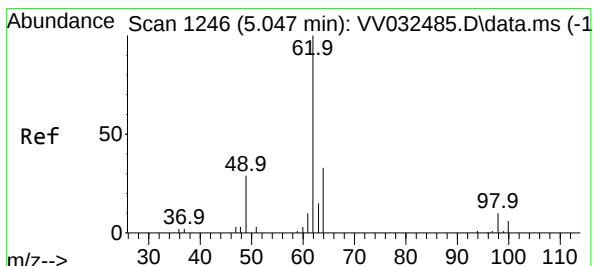
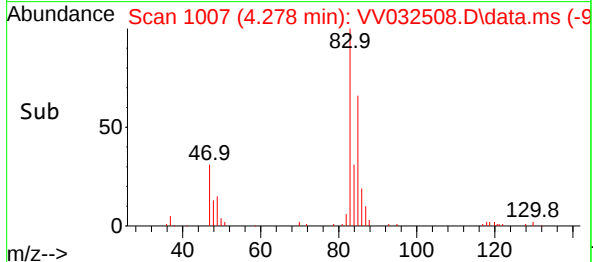
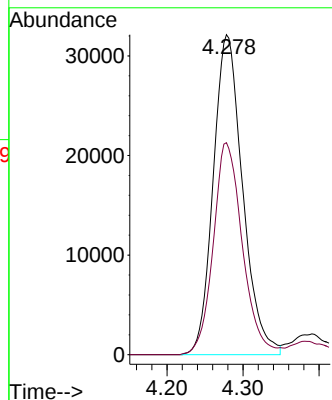
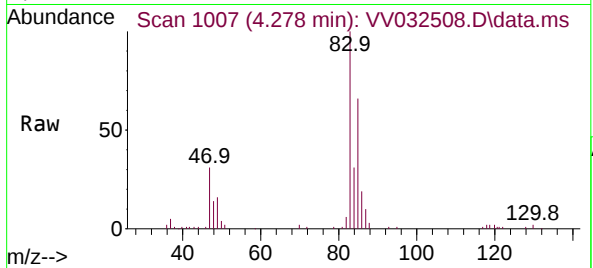




#25
Chloroform
Concen: 5.337 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

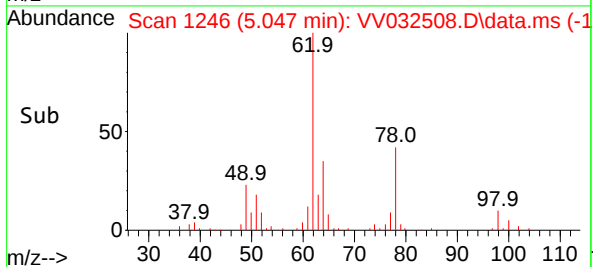
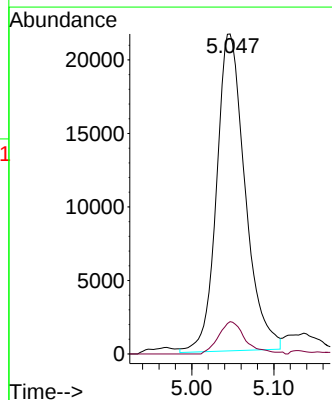
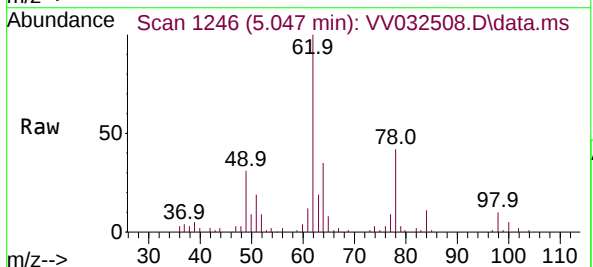
Instrument :
MSVOA_V
ClientSampleId :

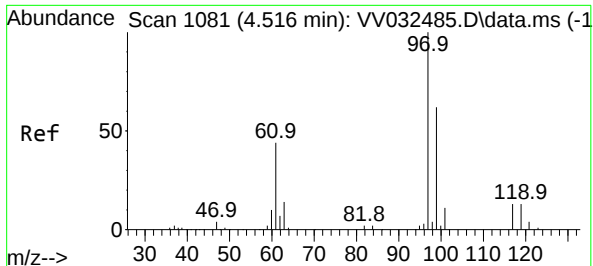
Tgt Ion: 83 Resp: 86221
Ion Ratio Lower Upper
83 100
85 66.2 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.446 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

Tgt Ion: 62 Resp: 51977
Ion Ratio Lower Upper
62 100
98 10.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.605 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.000 min

Lab File: VV032508.D

Acq: 19 Oct 2023 19:43

Instrument :

MSVOA_V

ClientSampleId :

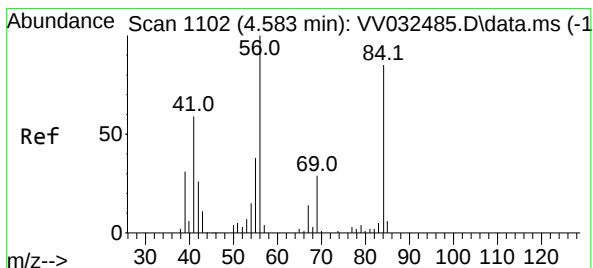
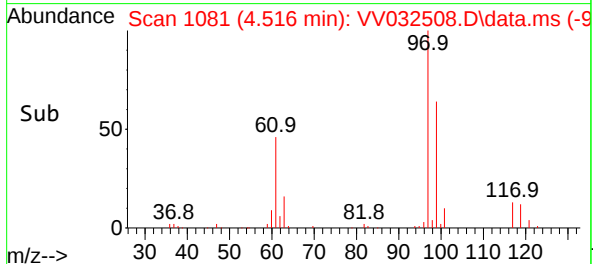
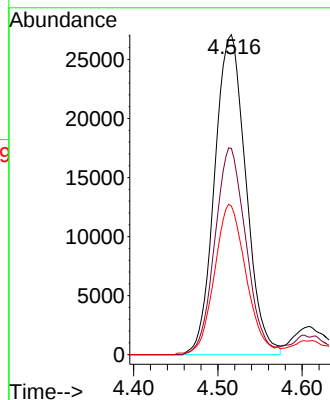
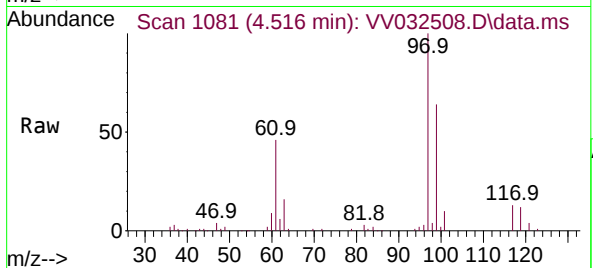
Tgt Ion: 97 Resp: 69779

Ion Ratio Lower Upper

97 100

99 64.3 50.1 75.1

61 47.9 35.1 52.7



#30

Cyclohexane

Concen: 3.940 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV032508.D

Acq: 19 Oct 2023 19:43

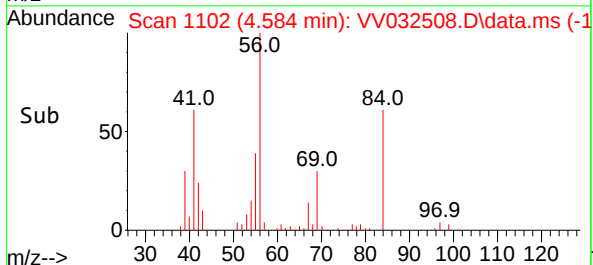
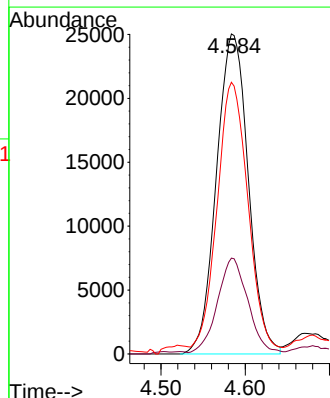
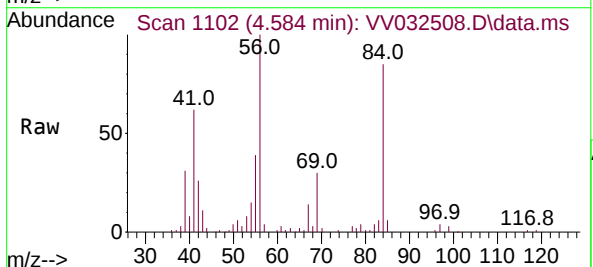
Tgt Ion: 56 Resp: 65605

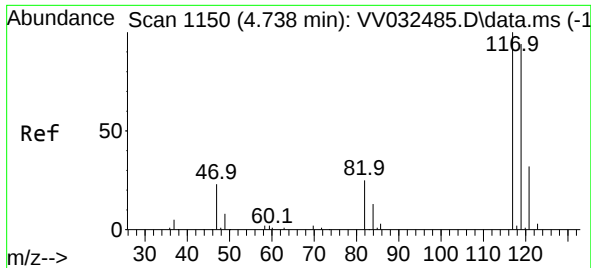
Ion Ratio Lower Upper

56 100

69 28.2 24.2 36.2

84 83.6 68.1 102.1

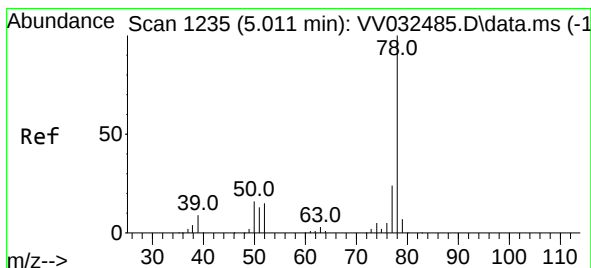
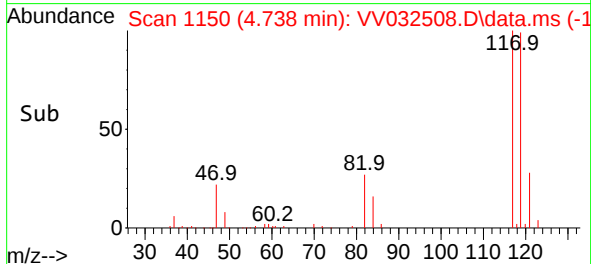
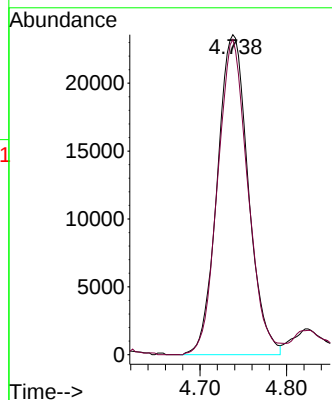
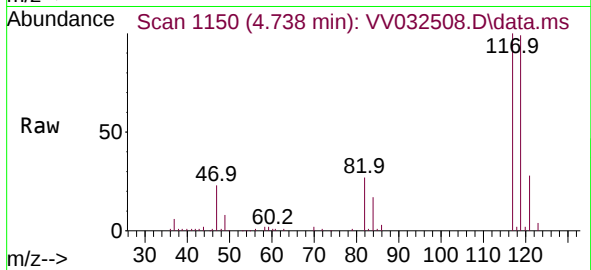




#31
Carbon tetrachloride
Concen: 4.567 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

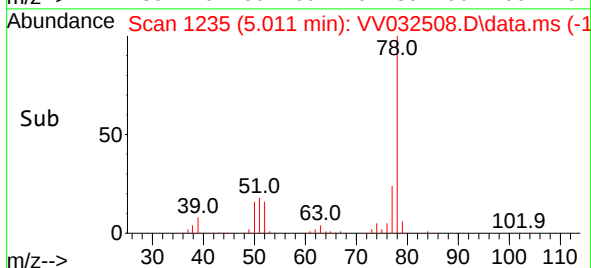
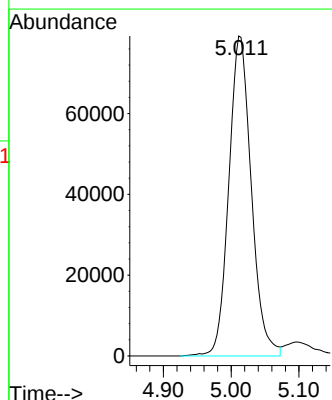
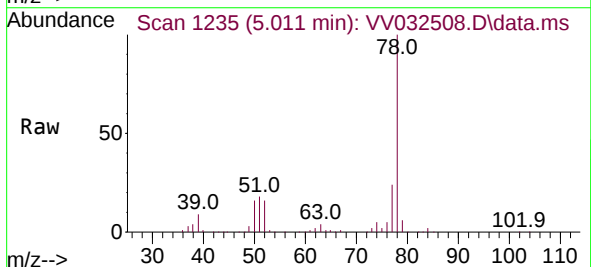
Instrument :
MSVOA_V
ClientSampleId :

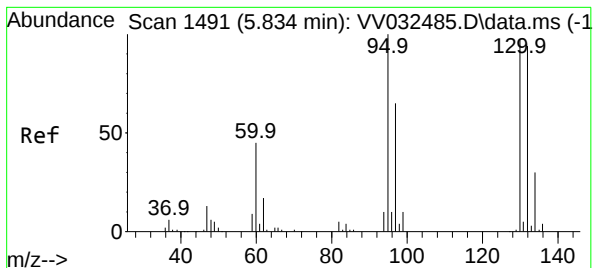
Tgt Ion:117 Resp: 58554
Ion Ratio Lower Upper
117 100
119 96.5 77.6 116.4



#33
Benzene
Concen: 4.655 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

Tgt Ion: 78 Resp: 182632





#34

Trichloroethene

Concen: 4.306 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV032508.D

Acq: 19 Oct 2023 19:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 46118

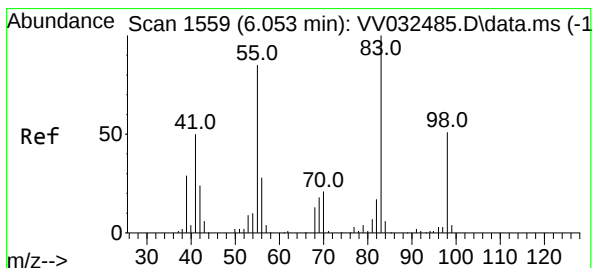
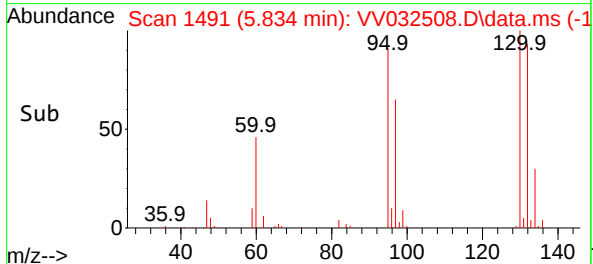
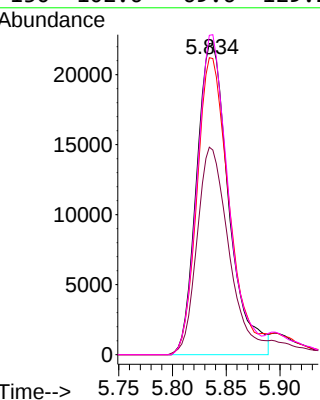
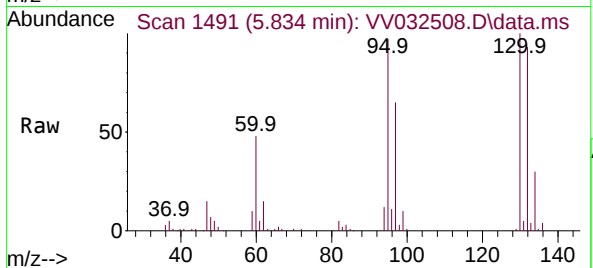
Ion Ratio Lower Upper

95 100

97 66.7 45.7 84.9

132 95.4 70.3 130.5

130 102.6 69.6 129.2



#35

Methylcyclohexane

Concen: 3.714 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VV032508.D

Acq: 19 Oct 2023 19:43

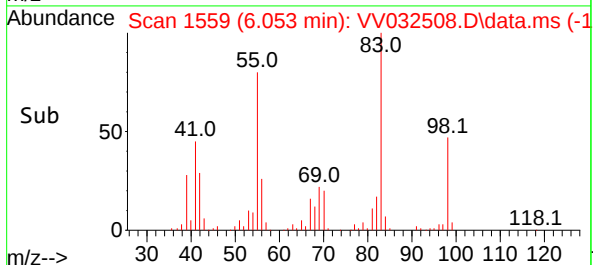
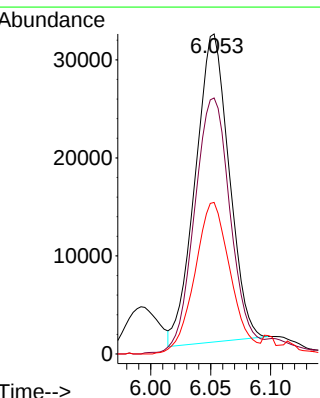
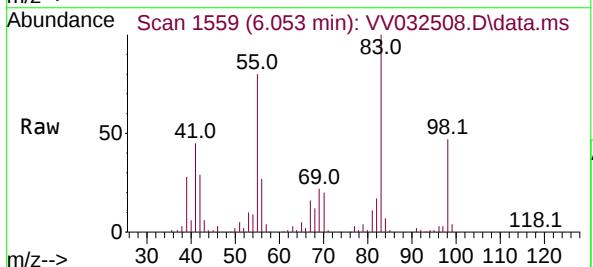
Tgt Ion: 83 Resp: 61559

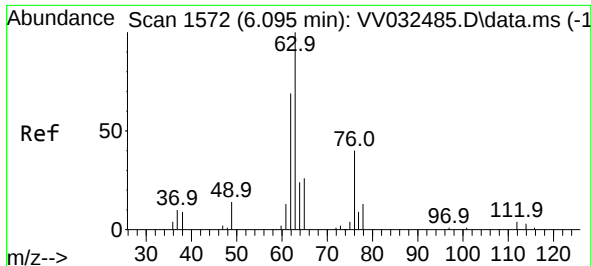
Ion Ratio Lower Upper

83 100

55 89.9 64.2 96.2

98 52.0 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.301 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032508.D

Acq: 19 Oct 2023 19:43

Instrument :

MSVOA_V

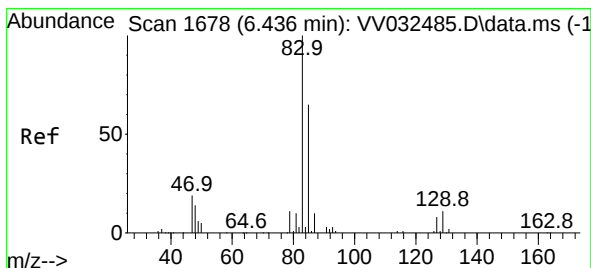
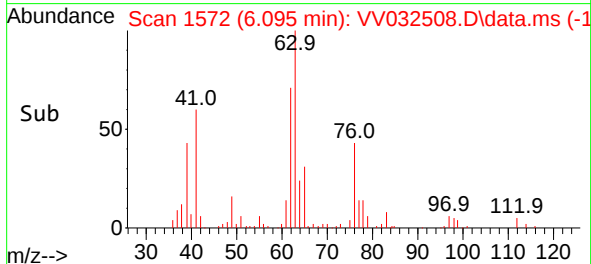
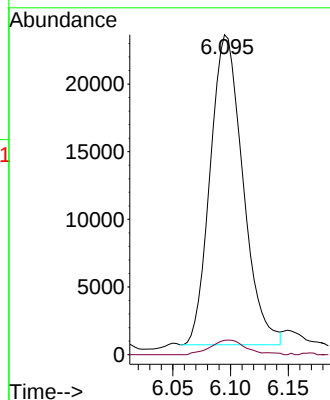
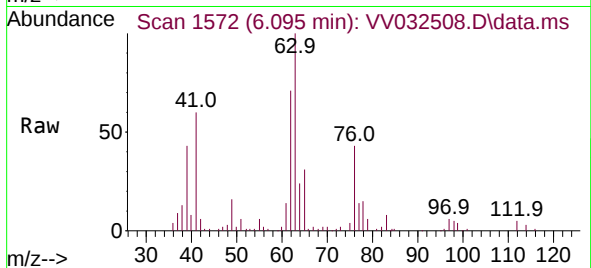
ClientSampleId :

Tgt Ion: 63 Resp: 45133

Ion Ratio Lower Upper

63 100

112 5.2 3.4 5.2



#38

Bromodichloromethane

Concen: 5.055 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032508.D

Acq: 19 Oct 2023 19:43

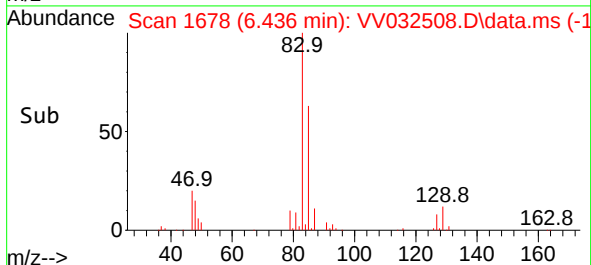
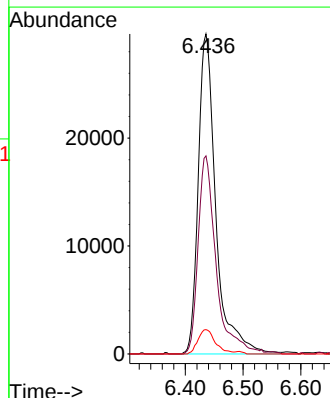
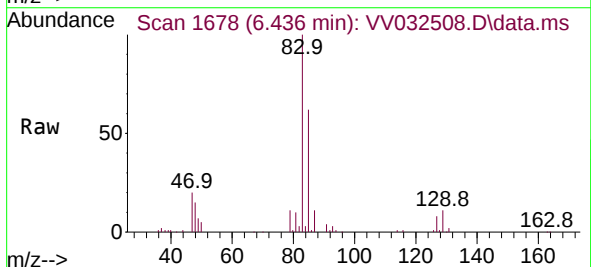
Tgt Ion: 83 Resp: 63020

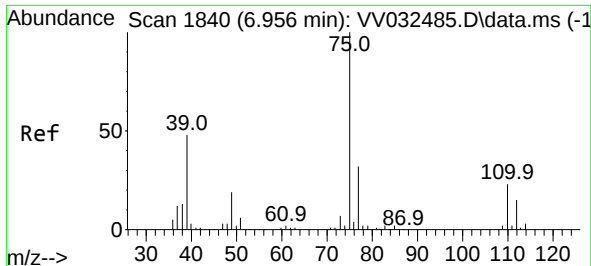
Ion Ratio Lower Upper

83 100

85 61.9 44.9 83.3

127 7.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.389 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV032508.D

Acq: 19 Oct 2023 19:43

Instrument :

MSVOA_V

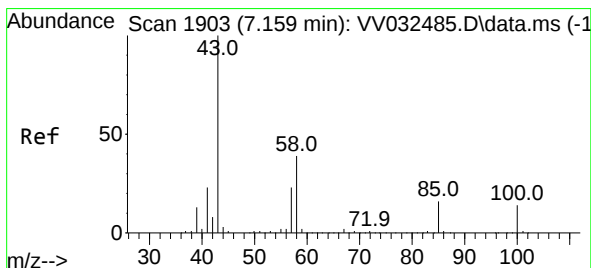
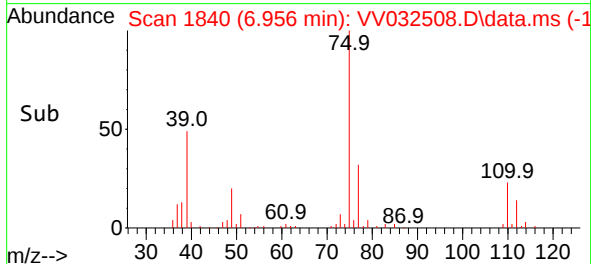
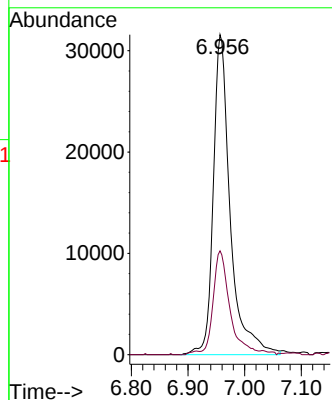
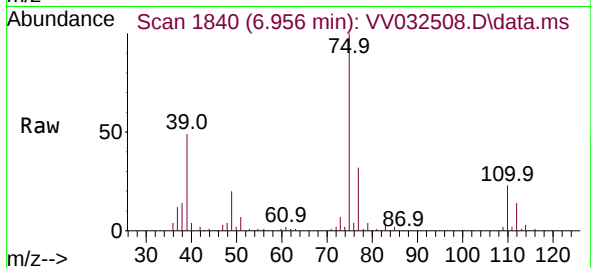
ClientSampleId :

Tgt Ion: 75 Resp: 65546

Ion Ratio Lower Upper

75 100

77 32.4 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 47.974 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV032508.D

Acq: 19 Oct 2023 19:43

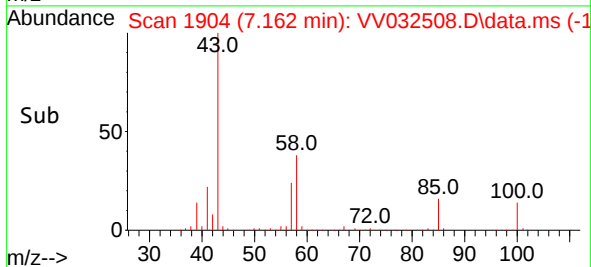
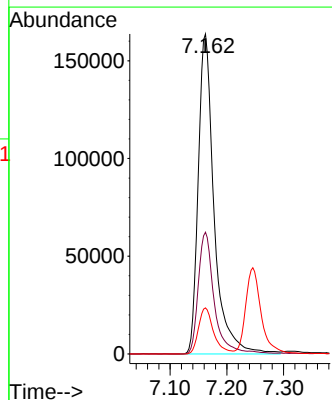
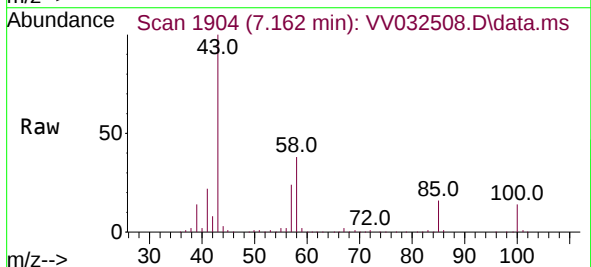
Tgt Ion: 43 Resp: 318562

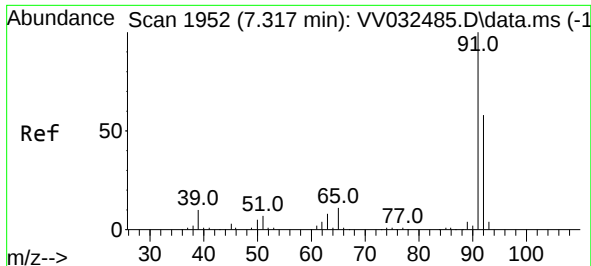
Ion Ratio Lower Upper

43 100

58 38.3 31.9 47.9

100 13.7 11.3 16.9





#42

Toluene

Concen: 4.823 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032508.D

Acq: 19 Oct 2023 19:43

Instrument :

MSVOA_V

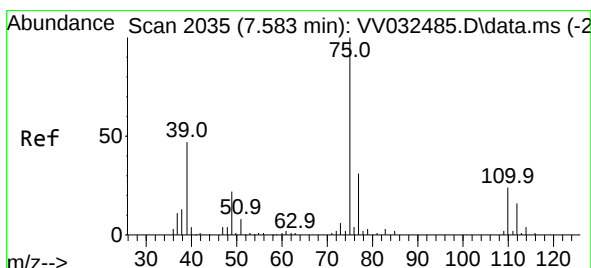
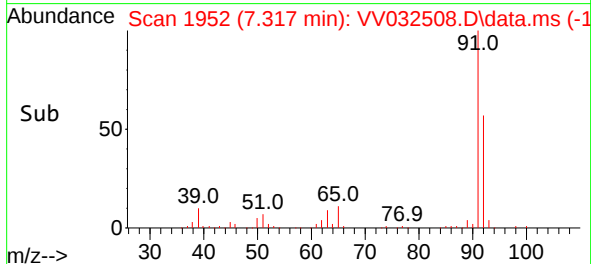
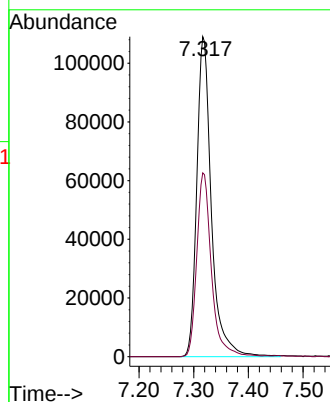
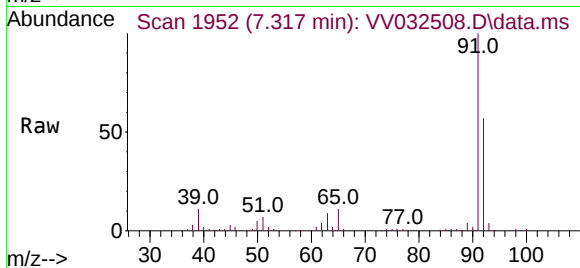
ClientSampleId :

Tgt Ion: 91 Resp: 201734

Ion Ratio Lower Upper

91 100

92 57.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.533 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV032508.D

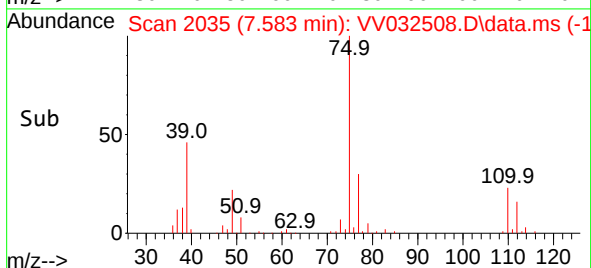
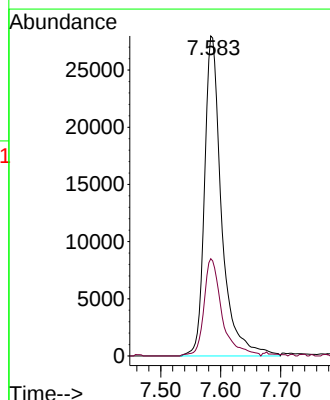
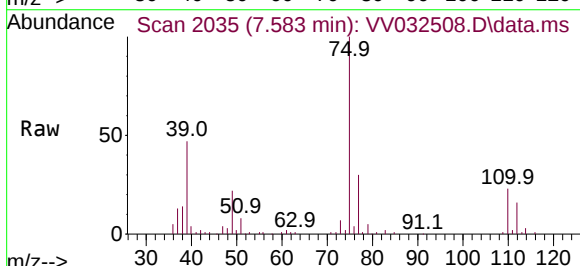
Acq: 19 Oct 2023 19:43

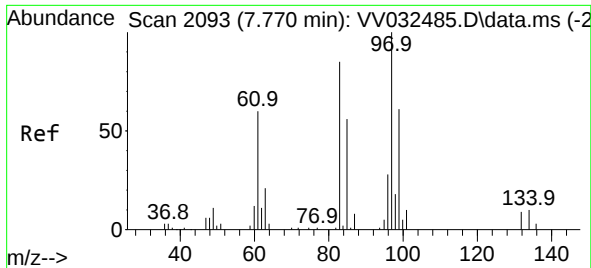
Tgt Ion: 75 Resp: 55625

Ion Ratio Lower Upper

75 100

77 30.4 22.5 41.7

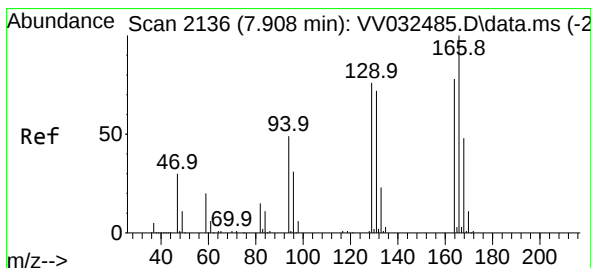
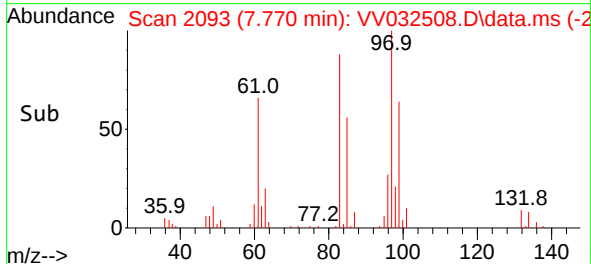
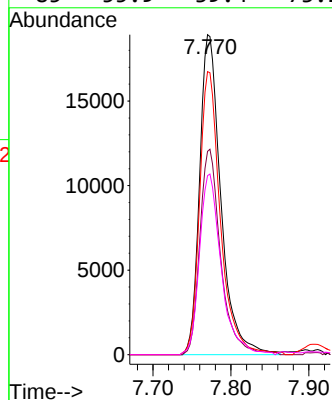
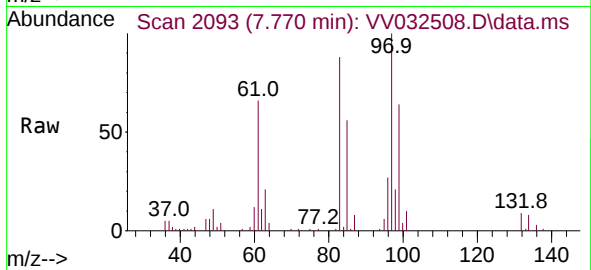




#45
1,1,2-Trichloroethane
Concen: 4.851 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

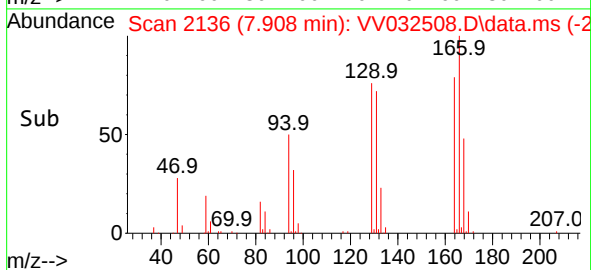
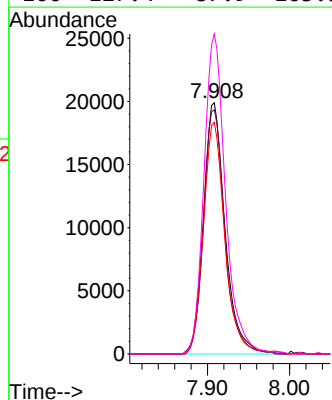
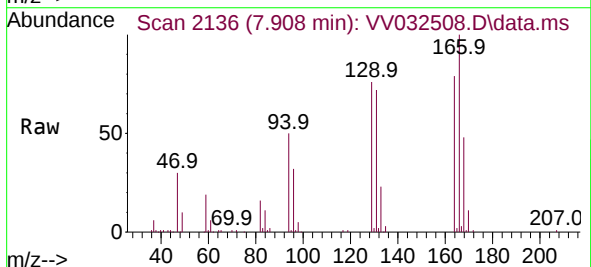
Instrument :
MSVOA_V
ClientSampleId :

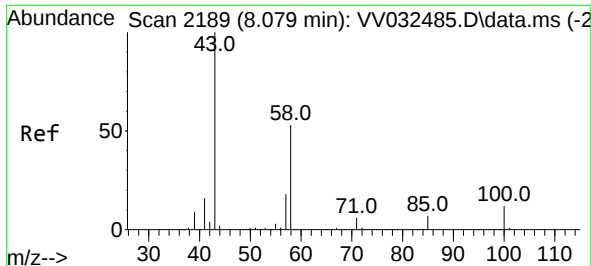
Tgt Ion:	97	Resp:	35909
Ion	Ratio	Lower	Upper
97	100		
99	63.6	42.8	79.4
83	88.5	60.9	113.1
85	55.9	39.4	73.2



#47
Tetrachloroethene
Concen: 4.429 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

Tgt Ion:	164	Resp:	35978
Ion	Ratio	Lower	Upper
164	100		
129	97.2	66.4	123.4
131	92.2	63.7	118.3
166	127.4	87.9	163.3

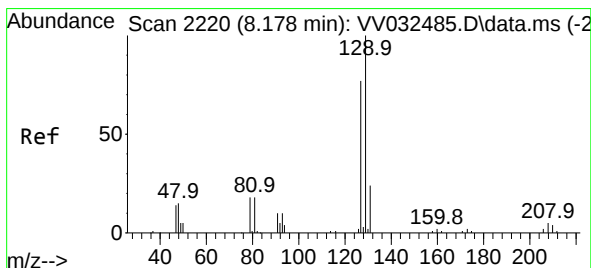
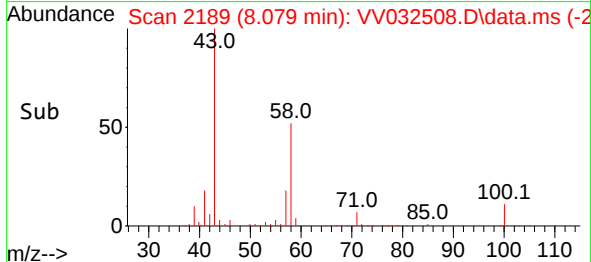
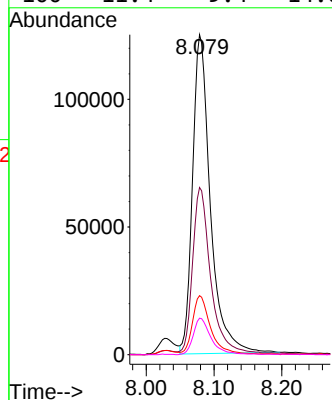
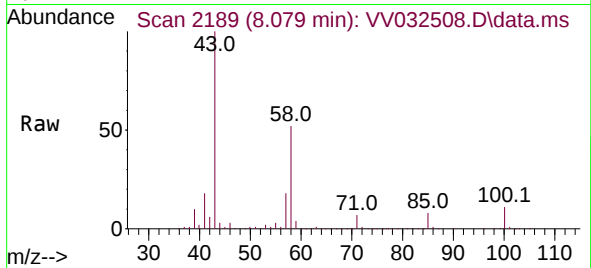




#48
2-Hexanone
Concen: 48.822 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

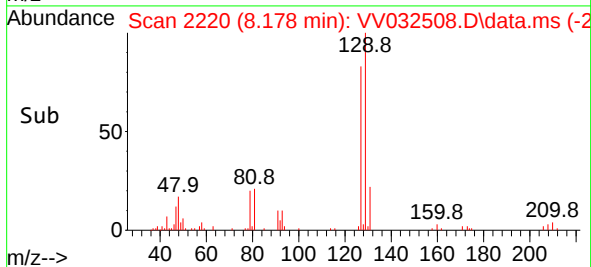
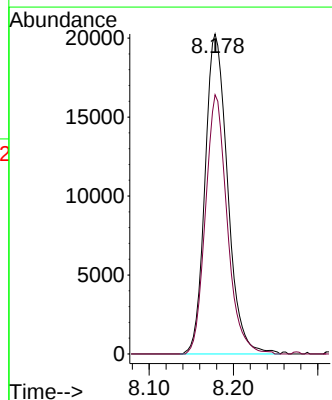
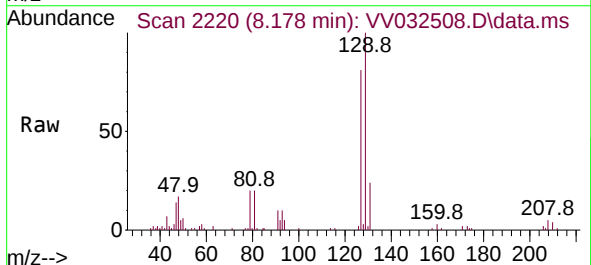
Instrument :
MSVOA_V
ClientSampleId :

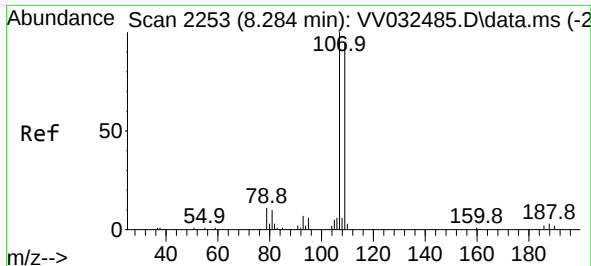
Tgt Ion: 43 Resp: 228734
Ion Ratio Lower Upper
43 100
58 52.2 43.6 65.4
57 18.4 14.6 22.0
100 11.4 9.4 14.0



#49
Dibromochloromethane
Concen: 4.906 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

Tgt Ion: 129 Resp: 37811
Ion Ratio Lower Upper
129 100
127 81.0 57.2 106.2





#50

1,2-Dibromoethane

Concen: 4.626 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032508.D

Acq: 19 Oct 2023 19:43

Instrument :

MSVOA_V

ClientSampleId :

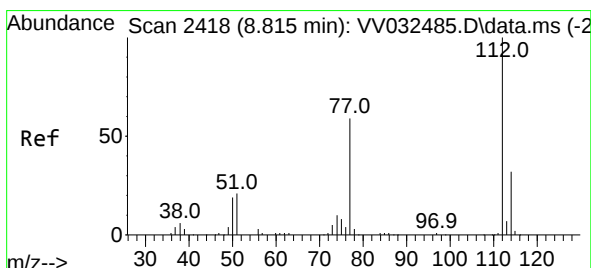
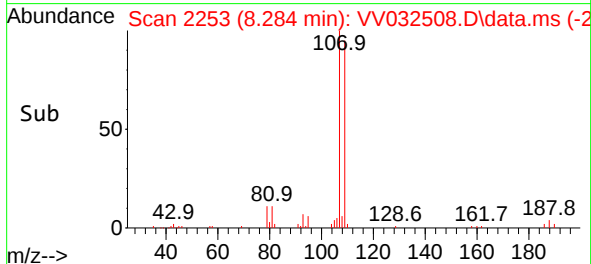
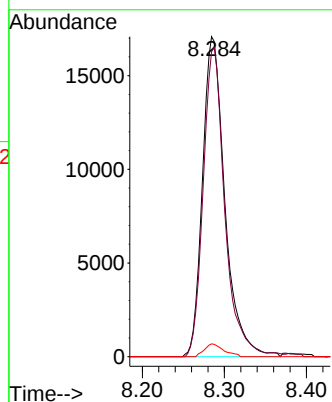
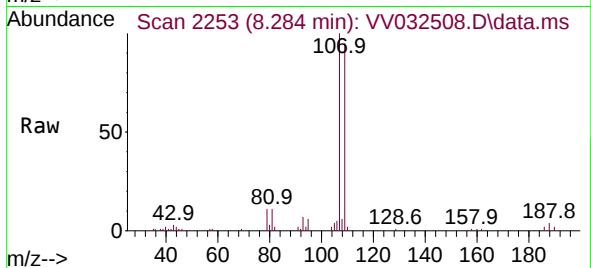
Tgt Ion:107 Resp: 32390

Ion Ratio Lower Upper

107 100

109 95.3 68.4 127.0

188 4.0 3.2 4.8



#51

Chlorobenzene

Concen: 4.676 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.000 min

Lab File: VV032508.D

Acq: 19 Oct 2023 19:43

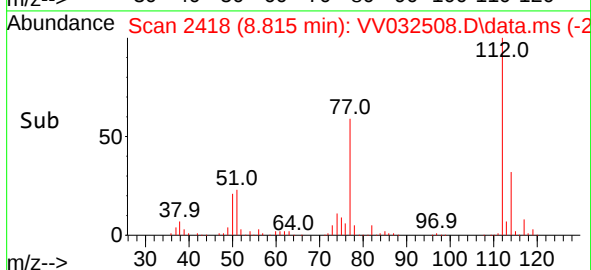
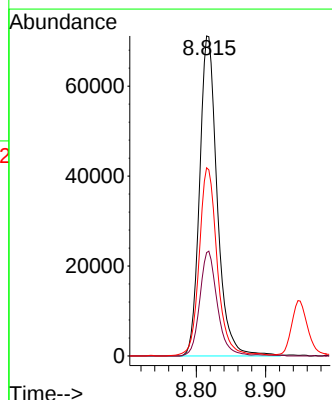
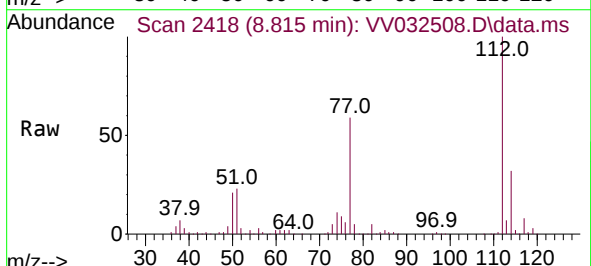
Tgt Ion:112 Resp: 125912

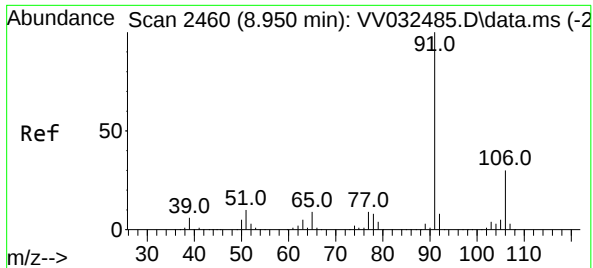
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 58.8 46.1 69.1

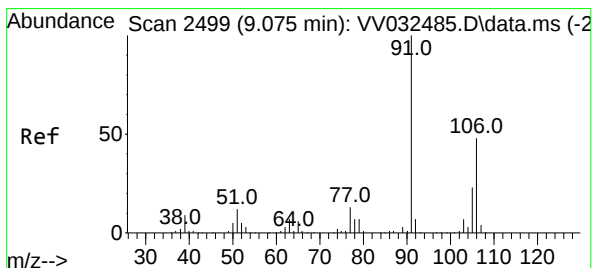
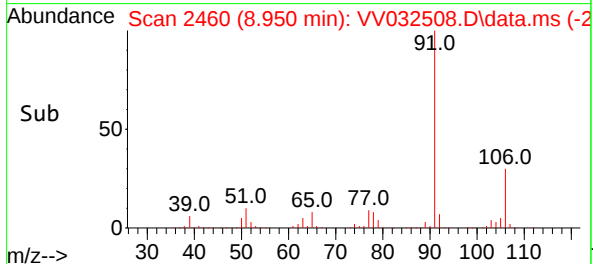
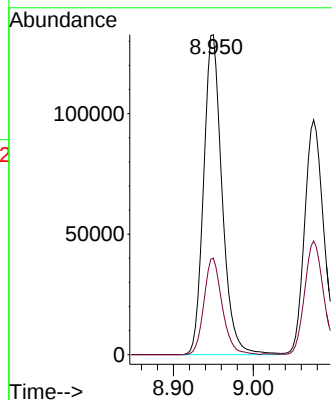
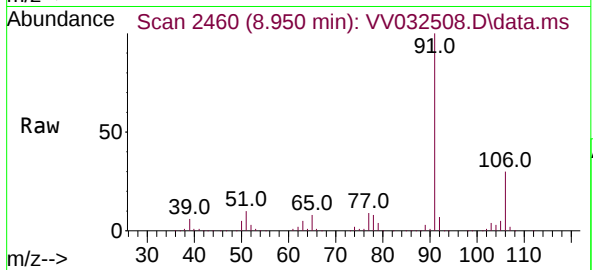




#52
Ethylbenzene
Concen: 4.587 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

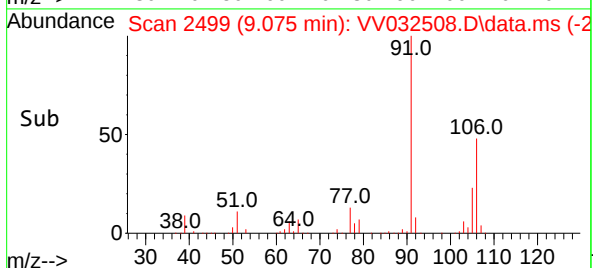
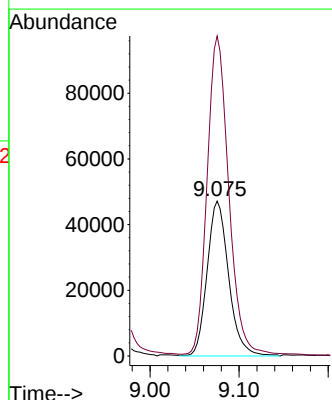
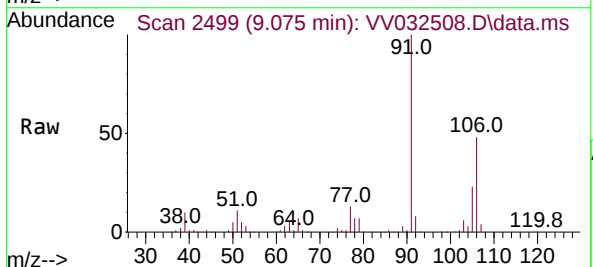
Instrument :
MSVOA_V
ClientSampleId :

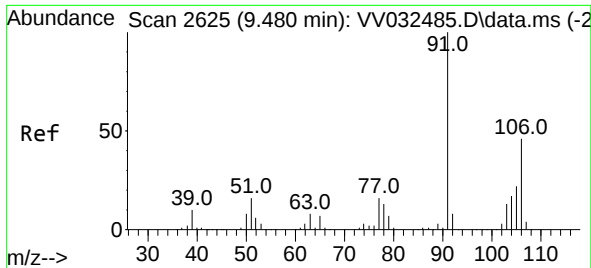
Tgt Ion: 91 Resp: 213619
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.5



#53
m,p-Xylene
Concen: 4.579 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

Tgt Ion: 106 Resp: 79097
Ion Ratio Lower Upper
106 100
91 206.6 144.5 268.3

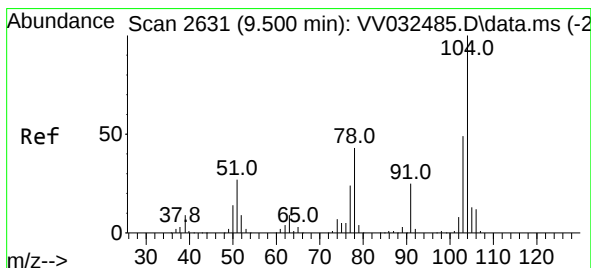
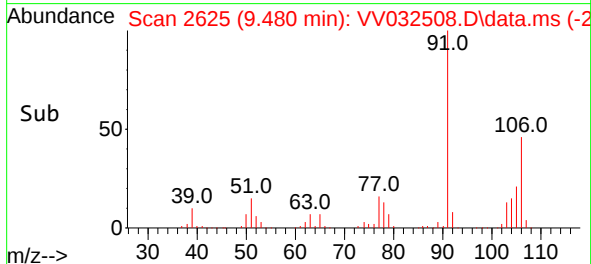
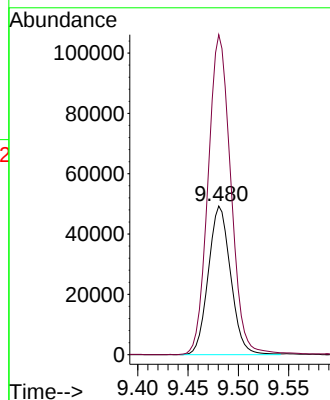
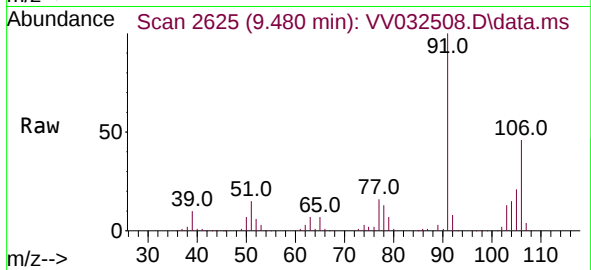




#54
o-Xylene
Concen: 4.574 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

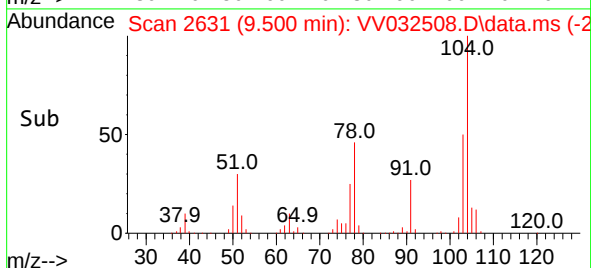
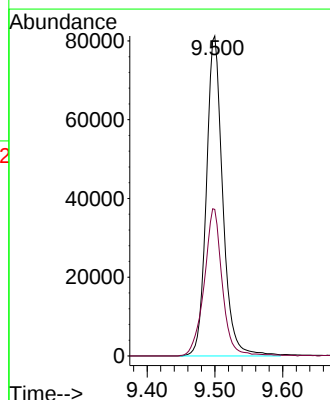
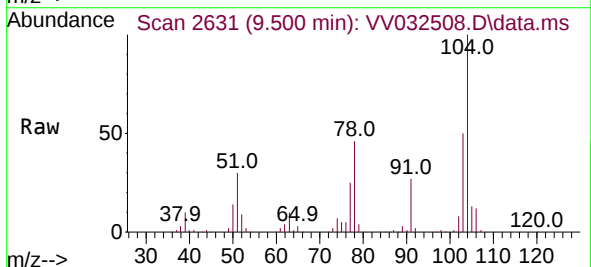
Instrument :
MSVOA_V
ClientSampleId :

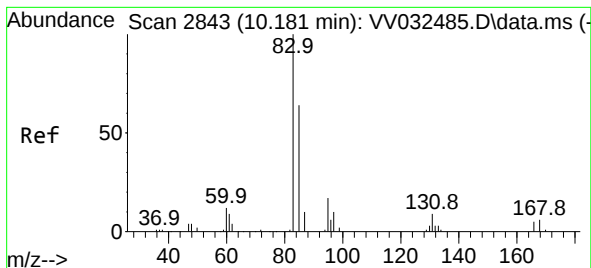
Tgt Ion:106 Resp: 76136
Ion Ratio Lower Upper
106 100
91 215.4 154.8 287.4



#55
Styrene
Concen: 4.859 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

Tgt Ion:104 Resp: 136593
Ion Ratio Lower Upper
104 100
78 45.8 29.9 55.5

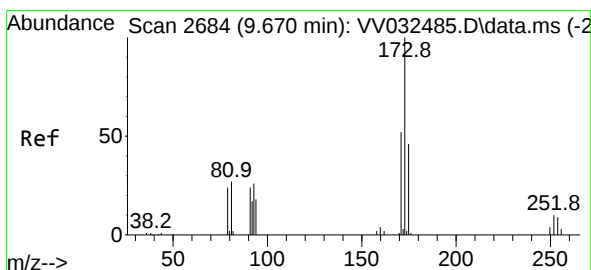
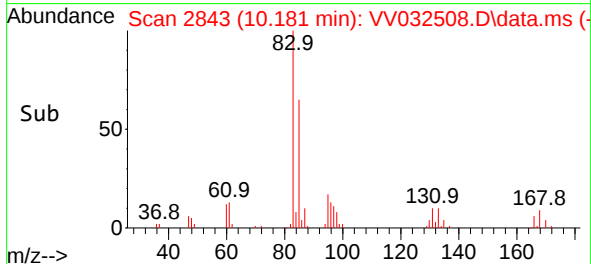
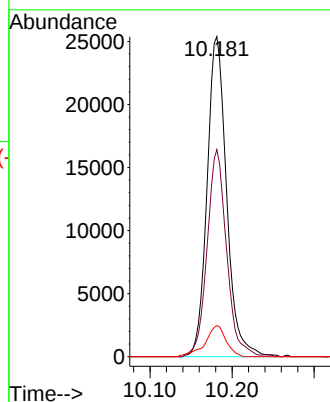
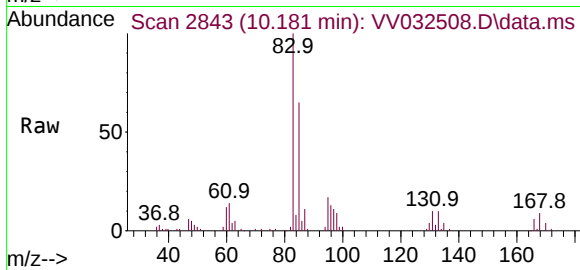




#57
1,1,2,2-Tetrachloroethane
Concen: 5.165 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

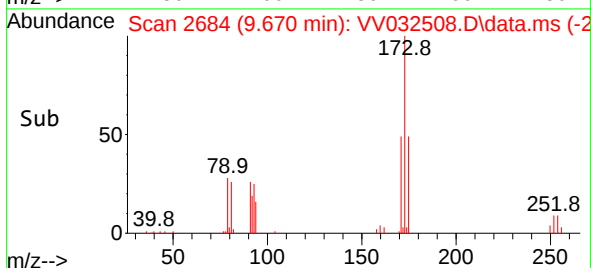
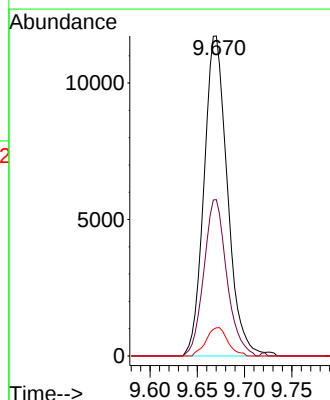
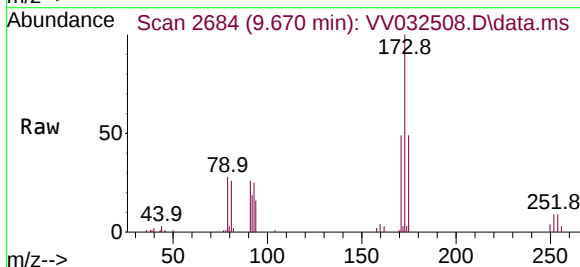
Instrument :
MSVOA_V
ClientSampleId :

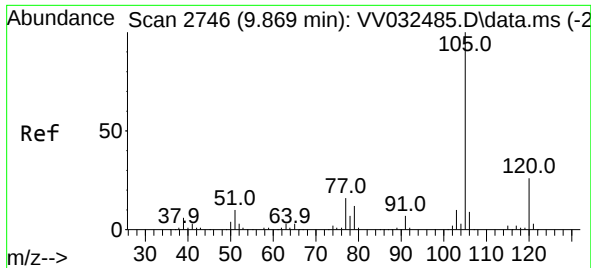
Tgt Ion: 83 Resp: 42065
Ion Ratio Lower Upper
83 100
85 64.7 43.6 81.0
131 9.7 7.0 10.6



#59
Bromoform
Concen: 4.671 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

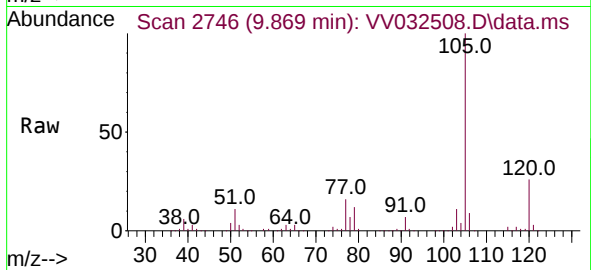
Tgt Ion: 173 Resp: 20211
Ion Ratio Lower Upper
173 100
175 47.9 38.2 57.2
254 8.2 7.0 10.4



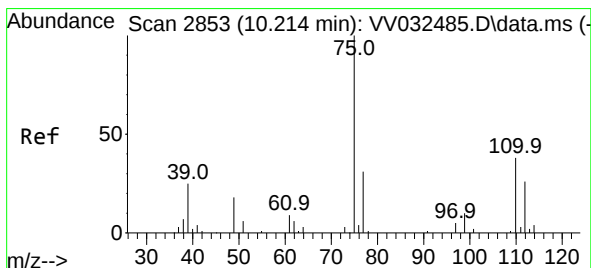
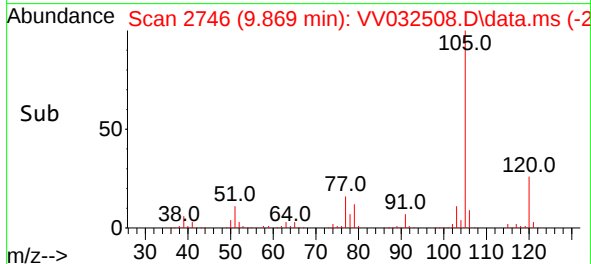
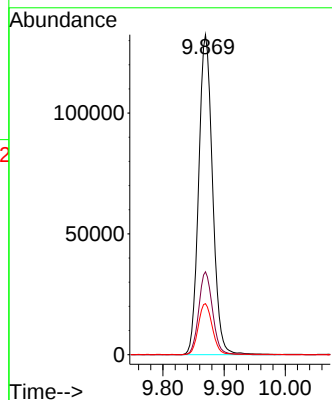


#60
Isopropylbenzene
Concen: 4.511 ug/L
RT: 9.869 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

Instrument :
MSVOA_V
ClientSampleId :

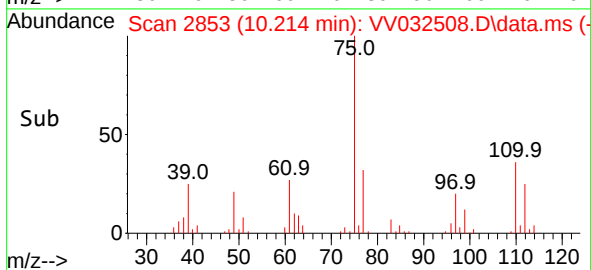
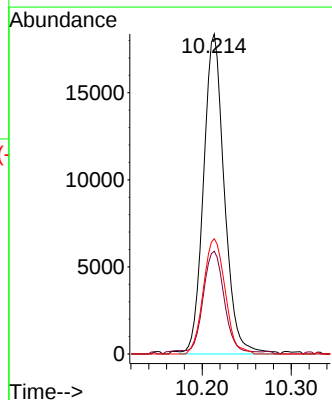
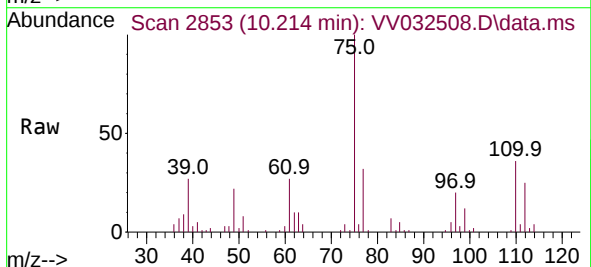


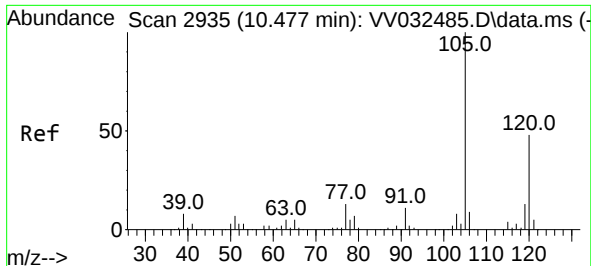
Tgt Ion:105 Resp: 208586
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.6
77 16.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.712 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

Tgt Ion: 75 Resp: 29842
Ion Ratio Lower Upper
75 100
77 33.7 26.2 39.2
110 37.5 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.303 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VV032508.D

Acq: 19 Oct 2023 19:43

Instrument :

MSVOA_V

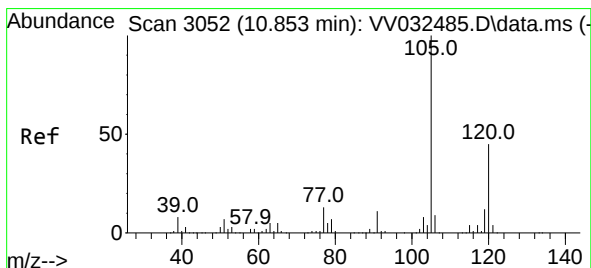
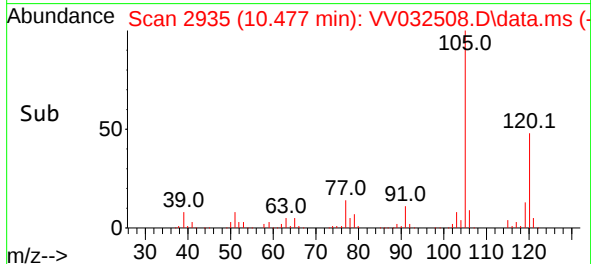
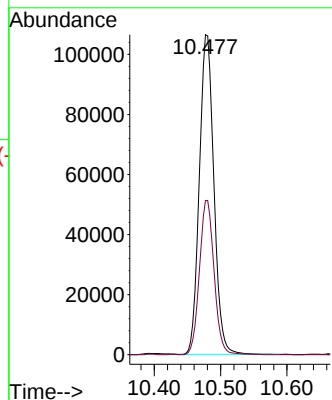
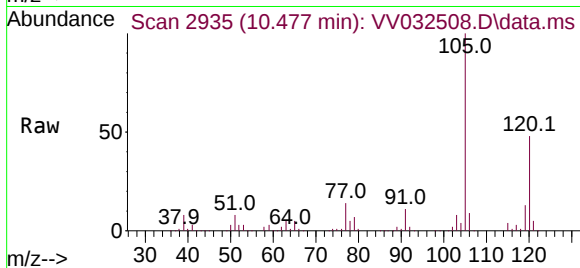
ClientSampleId :

Tgt Ion:105 Resp: 162170

Ion Ratio Lower Upper

105 100

120 48.6 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.365 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032508.D

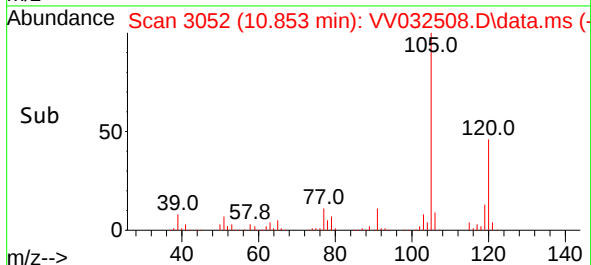
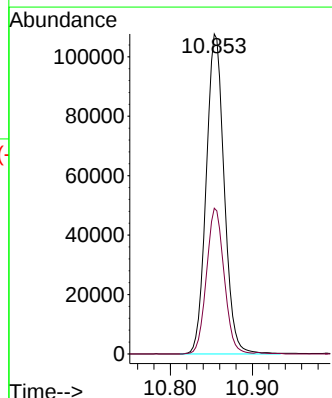
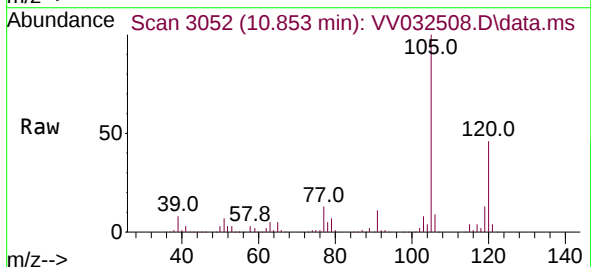
Acq: 19 Oct 2023 19:43

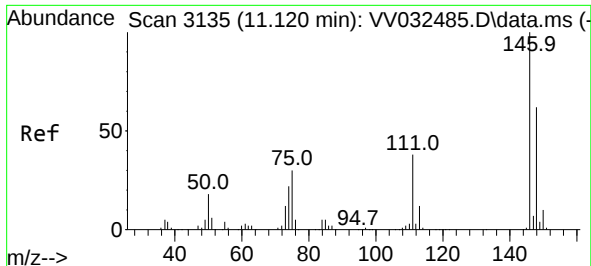
Tgt Ion:105 Resp: 163767

Ion Ratio Lower Upper

105 100

120 44.8 36.2 54.4

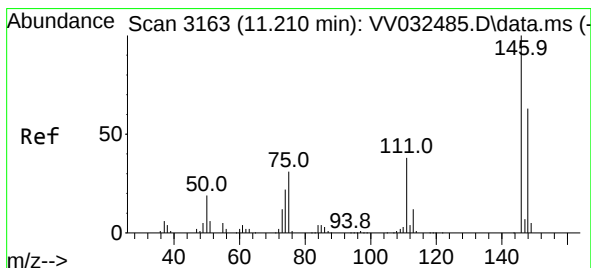
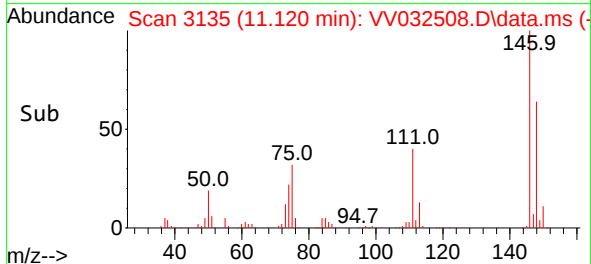
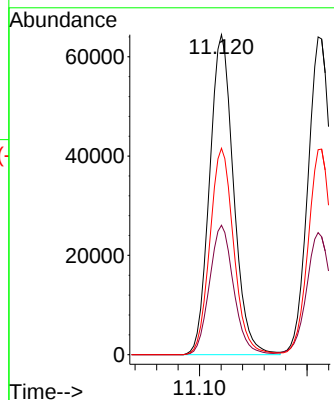
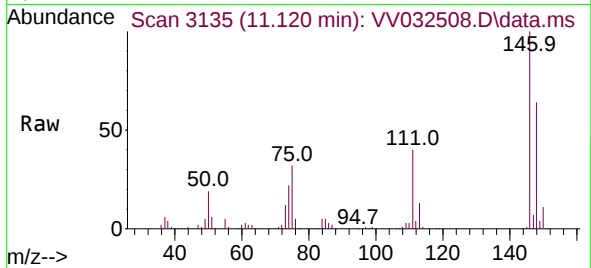




#64
1,3-Dichlorobenzene
Concen: 4.518 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

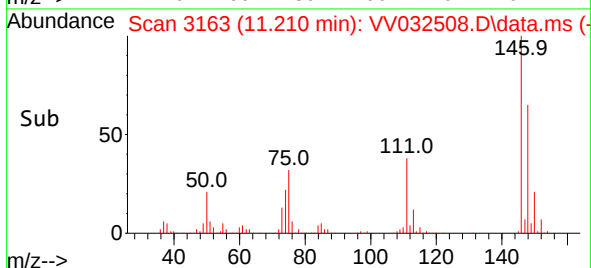
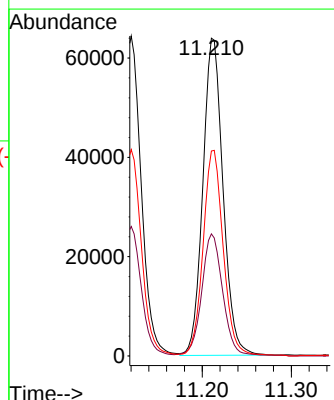
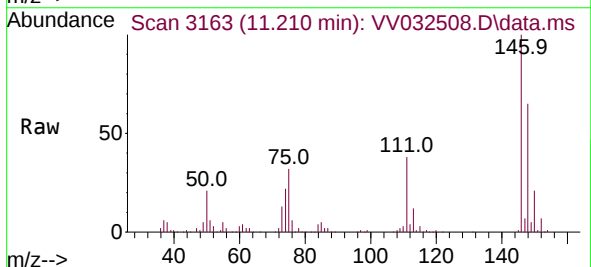
Instrument :
MSVOA_V
ClientSampleId :

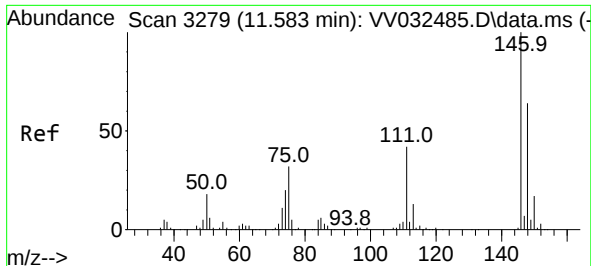
Tgt Ion:146 Resp: 99802
Ion Ratio Lower Upper
146 100
111 40.4 27.8 51.6
148 64.5 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.541 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

Tgt Ion:146 Resp: 100632
Ion Ratio Lower Upper
146 100
111 38.4 26.9 49.9
148 64.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.504 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032508.D

Acq: 19 Oct 2023 19:43

Instrument :

MSVOA_V

ClientSampleId :

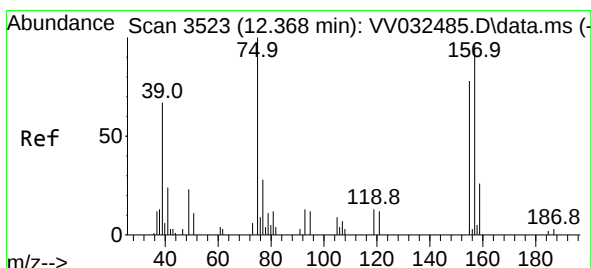
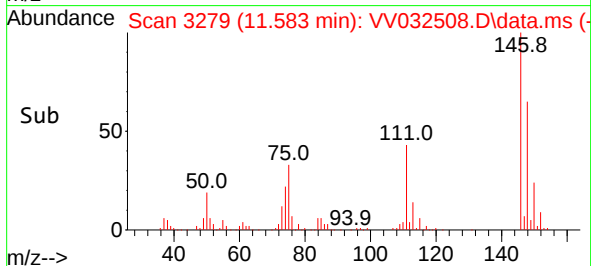
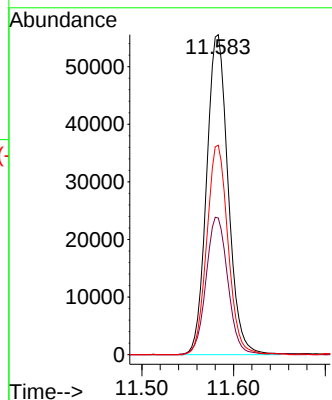
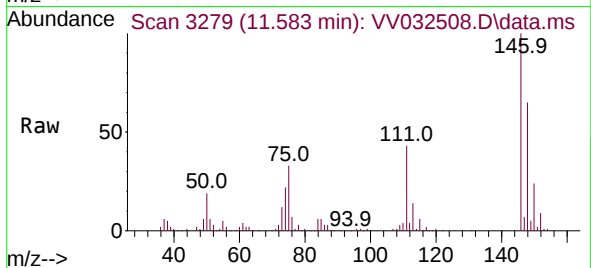
Tgt Ion:146 Resp: 90748

Ion Ratio Lower Upper

146 100

111 42.7 32.8 49.2

148 65.5 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.703 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV032508.D

Acq: 19 Oct 2023 19:43

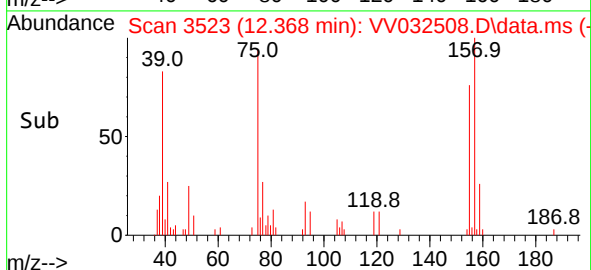
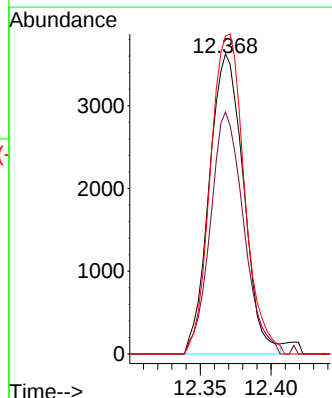
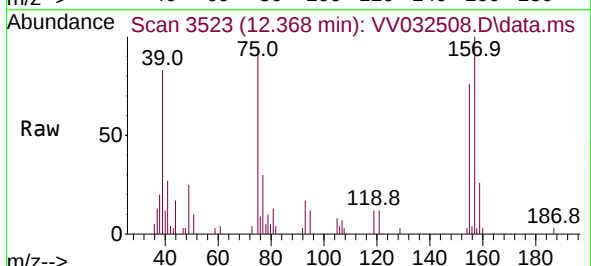
Tgt Ion: 75 Resp: 6085

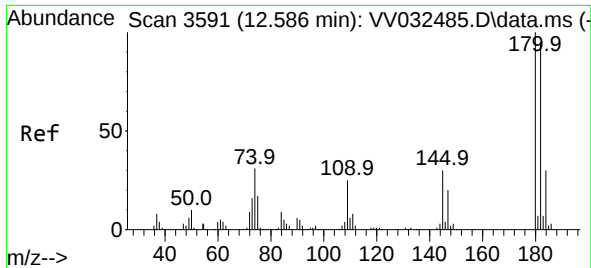
Ion Ratio Lower Upper

75 100

155 80.6 70.2 105.4

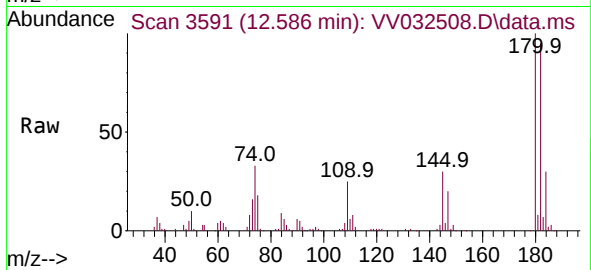
157 106.0 90.6 135.8



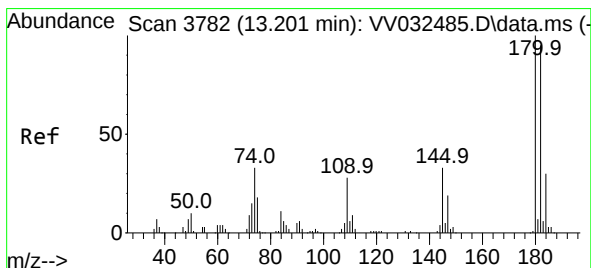
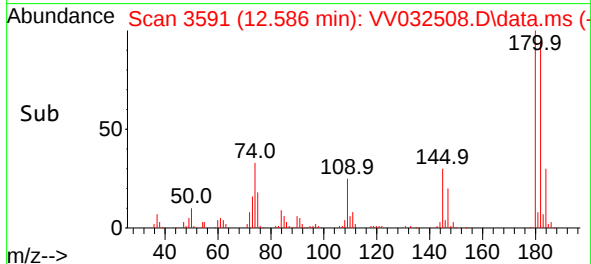
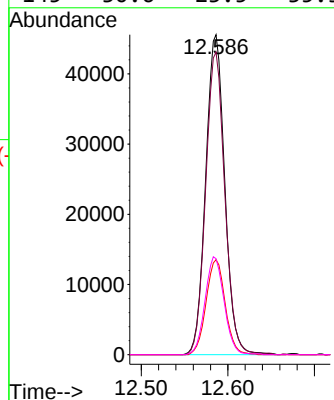


#69
 1,3,5-Trichlorobenzene
 Concen: 4.322 ug/L
 RT: 12.586 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV032508.D
 Acq: 19 Oct 2023 19:43

Instrument :
 MSVOA_V
 ClientSampleId :

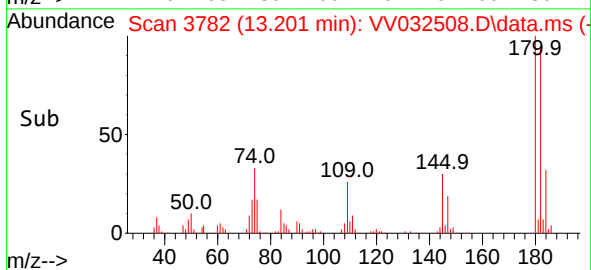
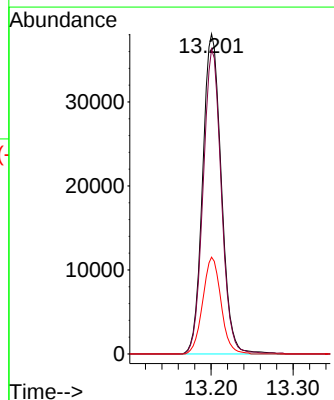
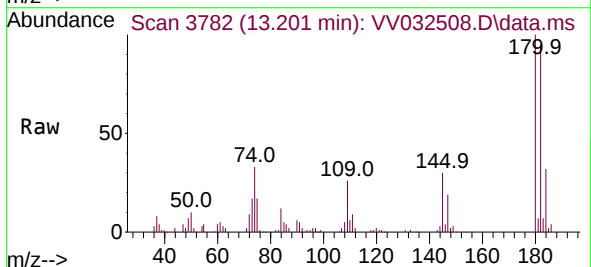


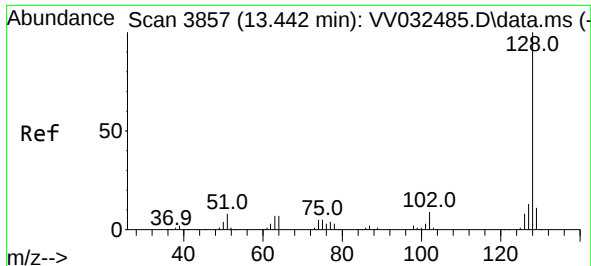
Tgt Ion:180 Resp: 69913
 Ion Ratio Lower Upper
 180 100
 182 94.8 74.6 112.0
 184 29.7 24.1 36.1
 145 30.6 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 4.197 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV032508.D
 Acq: 19 Oct 2023 19:43

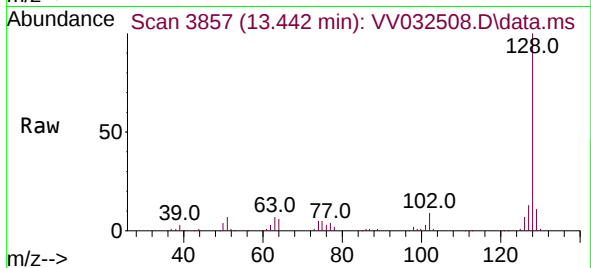
Tgt Ion:180 Resp: 60231
 Ion Ratio Lower Upper
 180 100
 182 92.7 76.5 114.7
 145 29.6 24.3 36.5



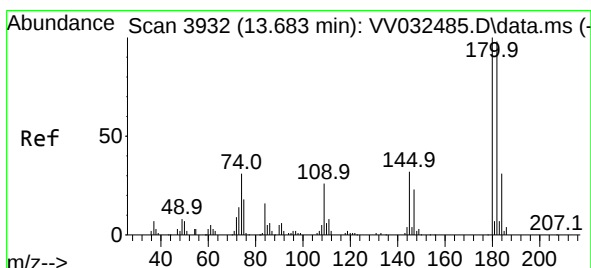
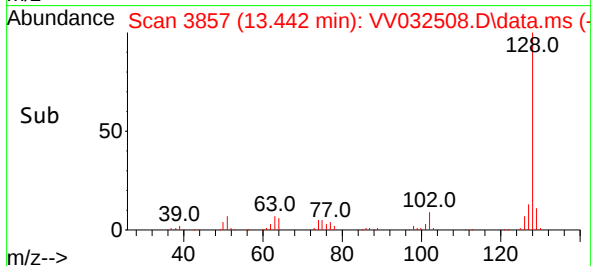
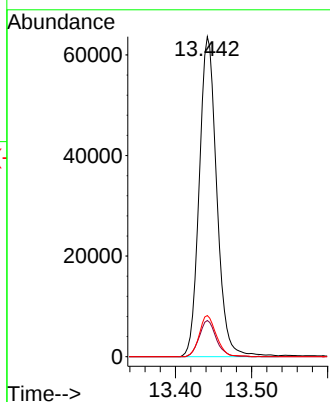


#71
Naphthalene
Concen: 4.180 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 101899
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.5 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.505 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032508.D
Acq: 19 Oct 2023 19:43

Tgt Ion:180 Resp: 55695
Ion Ratio Lower Upper
180 100
182 93.1 77.0 115.4
145 32.3 25.7 38.5

