

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102022\
 Data File : VW028633.D
 Acq On : 20 Oct 2022 13:45
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV269

Quant Time: Oct 21 01:04:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 00:53:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.587	114	251368	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.850	117	151787	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	75904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	115069	4.624	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.558	69	90366	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.098	63	199477	4.612	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.950	46	223688	47.755	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.520%
24) Chloroform-d	4.339	84	172000	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.024	65	107752	5.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.030	84	376764	5.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.000%
36) 1,2-Dichloropropane-d6	6.050	67	96688	4.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.317	98	240187	5.029	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	7.628	79	23399	4.654	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.111	63	105141	50.372	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53808	5.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	71478	5.239	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	52227	4.277	ug/L	98
3) Chloromethane	1.230	50	100142	4.105	ug/L	96
5) Vinyl chloride	1.301	62	99665	4.230	ug/L	97
6) Bromomethane	1.513	94	46619	4.073	ug/L	97
8) Chloroethane	1.574	64	64503	4.069	ug/L	94
9) Trichlorofluoromethane	1.741	101	122954	4.264	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	75170	4.356	ug/L	99
12) 1,1-Dichloroethene	2.108	96	68876	4.244	ug/L	85
13) Acetone	2.243	43	116772	38.889	ug/L	93
14) Carbon disulfide	2.278	76	161900	4.164	ug/L	99
15) Methyl Acetate	2.452	43	33248	3.722	ug/L	98
16) Methylene chloride	2.497	84	84776	3.626	ug/L	99
17) Methyl tert-butyl Ether	2.773	73	195651	4.410	ug/L	99
18) trans-1,2-Dichloroethene	2.744	96	74177	4.196	ug/L	99
19) 1,1-Dichloroethane	3.175	63	176423	4.275	ug/L	98
21) 2-Butanone	4.037	43	229078	43.170	ug/L	97
22) cis-1,2-Dichloroethene	3.895	96	85148	4.189	ug/L #	91
23) Bromochloromethane	4.233	128	31615	4.251	ug/L	96
25) Chloroform	4.365	83	164027	4.189	ug/L	98

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 ALS Vial : 9 Sample Multiplier: 1

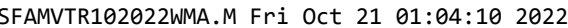
Instrument :
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 ClientSampleId :
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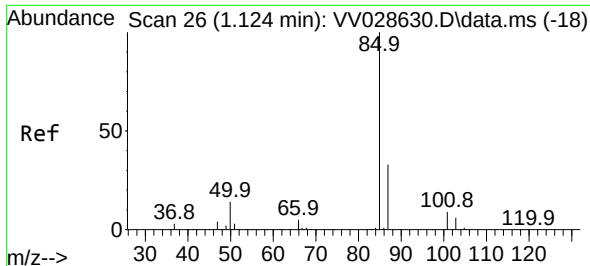
Quant Time: Oct 21 01:04:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 00:53:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	118526	4.838	ug/L	98
29) 1,1,1-Trichloroethane	4.593	97	129280	4.943	ug/L	98
30) Cyclohexane	4.654	56	149283	5.210	ug/L	98
31) Carbon tetrachloride	4.809	117	100335	5.195	ug/L	100
33) Benzene	5.079	78	369329	5.187	ug/L	100
34) Trichloroethene	5.879	95	62639	3.812	ug/L	91
35) Methylcyclohexane	6.092	83	112953	4.379	ug/L	86
37) 1,2-Dichloropropane	6.153	63	69490	3.646	ug/L	99
38) Bromodichloromethane	6.493	83	73684	4.026	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	81263	4.117	ug/L	99
40) 4-Methyl-2-pentanone	7.255	43	387986	42.039	ug/L	100
42) Toluene	7.387	91	273119	4.631	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	63088	4.522	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	43131	4.801	ug/L	96
47) Tetrachloroethene	7.973	164	42550	4.795	ug/L	97
48) 2-Hexanone	8.159	43	269757	46.662	ug/L	97
49) Dibromochloromethane	8.249	129	39290	4.719	ug/L	92
50) 1,2-Dibromoethane	8.355	107	37288	4.848	ug/L	99
51) Chlorobenzene	8.879	112	169471	4.916	ug/L	99
52) Ethylbenzene	9.008	91	298456	4.896	ug/L	99
53) m,p-Xylene	9.136	106	111291	4.996	ug/L	97
54) o-Xylene	9.538	106	108659	4.918	ug/L	98
55) Styrene	9.558	104	189582	5.033	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	52458	4.959	ug/L	99
59) Bromoform	9.728	173	17851	4.763	ug/L	99
60) Isopropylbenzene	9.924	105	293510	4.627	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	37130	4.514	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	84858	4.657	ug/L	100
63) 1,2,4-Trimethylbenzene	10.908	105	236178	4.813	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	126128	5.023	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	124438	4.908	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	114919	4.921	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	6375	4.420	ug/L	93
69) 1,3,5-Trichlorobenzene	12.635	180	88851	4.968	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	68085	4.832	ug/L	97
71) Naphthalene	13.493	128	102925	4.320	ug/L	98
72) 1,2,3-Trichlorobenzene	13.734	180	59457	4.829	ug/L	96

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

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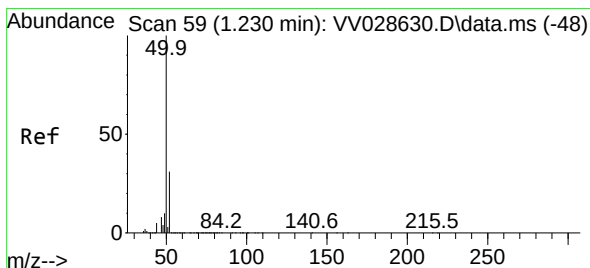
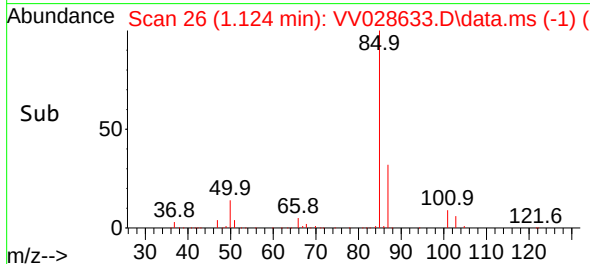
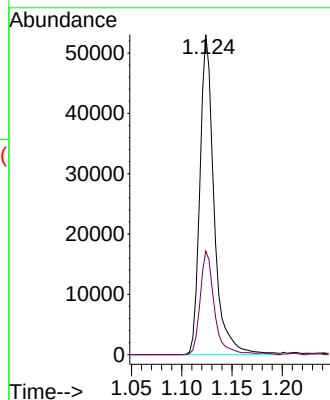
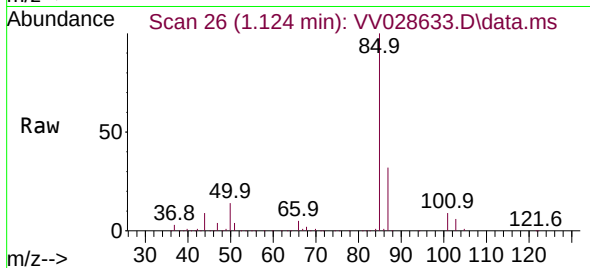




#2
 Dichlorodifluoromethane
 Concen: 4.277 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028633.D
 Acq: 20 Oct 2022 13:45

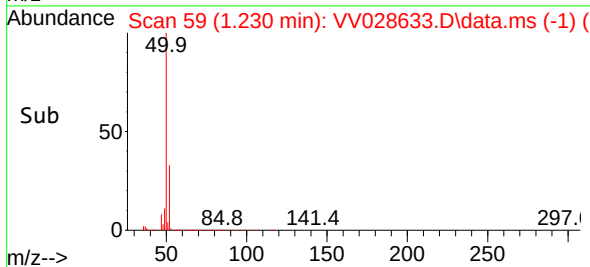
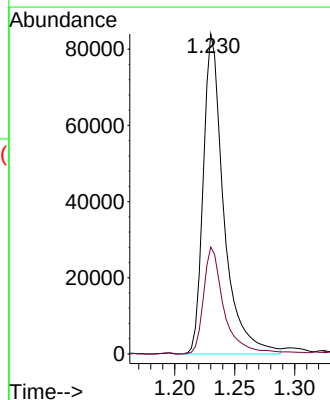
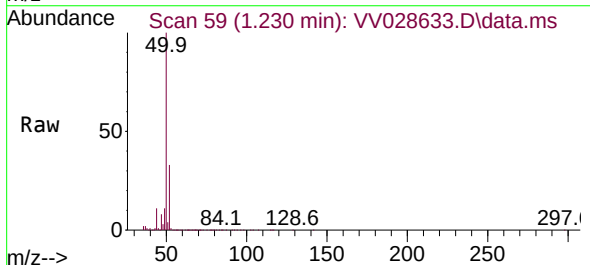
Instrument :
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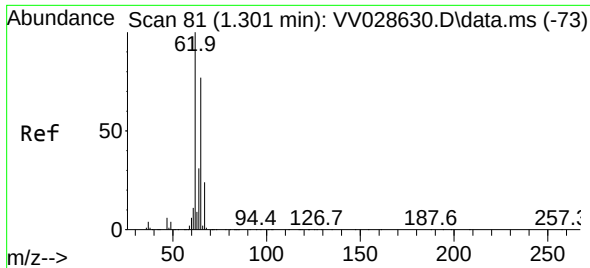
Tgt Ion: 85 Resp: 52227
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.6 40.0



#3
 Chloromethane
 Concen: 4.105 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VV028633.D
 Acq: 20 Oct 2022 13:45

Tgt Ion: 50 Resp: 100142
 Ion Ratio Lower Upper
 50 100
 52 33.4 21.8 40.6

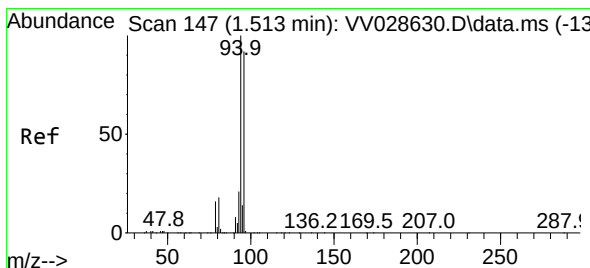
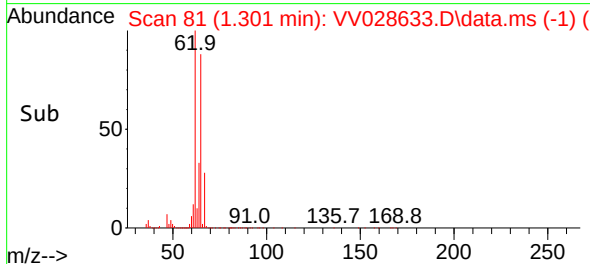
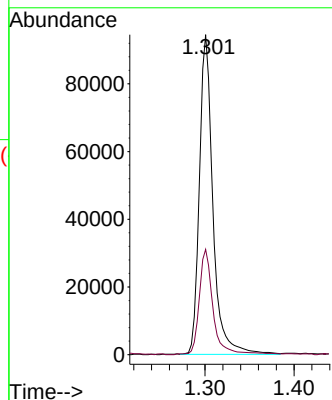
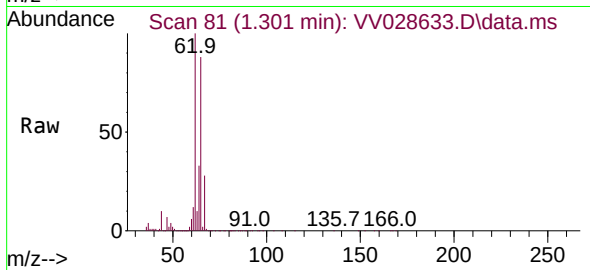




#5
 Vinyl chloride
 Concen: 4.230 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028633.D
 Acq: 20 Oct 2022 13:45

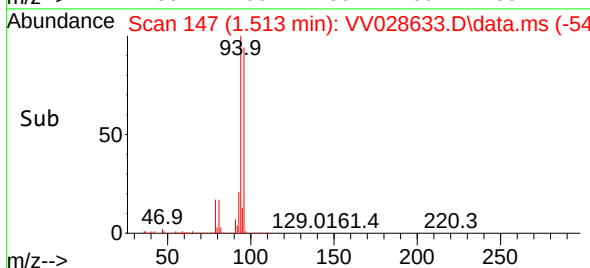
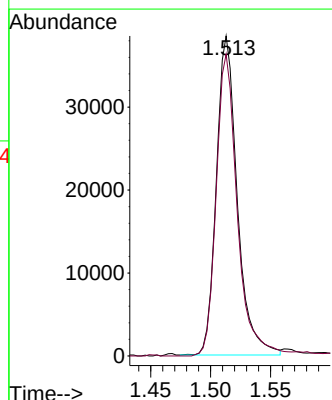
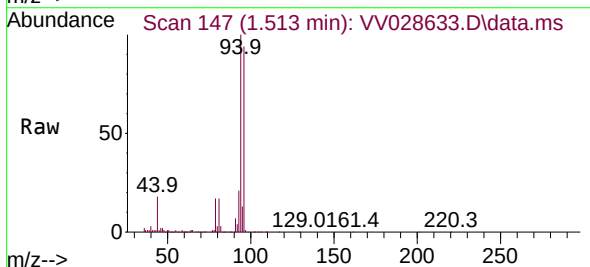
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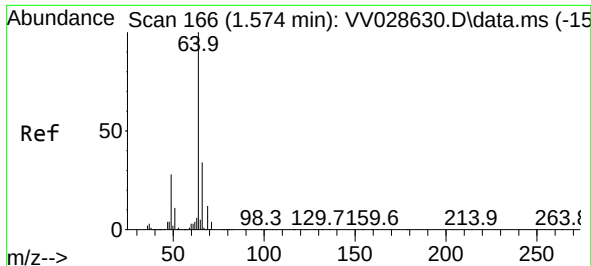
Tgt Ion: 62 Resp: 99665
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.0 41.0



#6
 Bromomethane
 Concen: 4.073 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV028633.D
 Acq: 20 Oct 2022 13:45

Tgt Ion: 94 Resp: 46619
 Ion Ratio Lower Upper
 94 100
 96 94.3 64.3 119.3

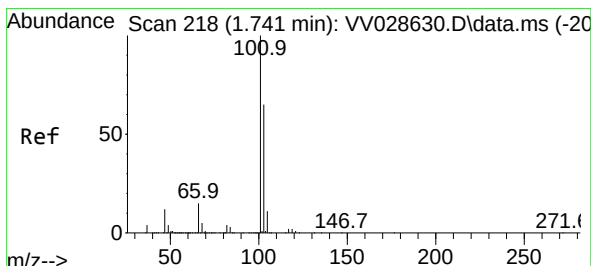
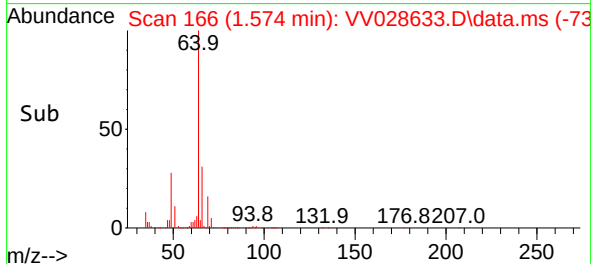
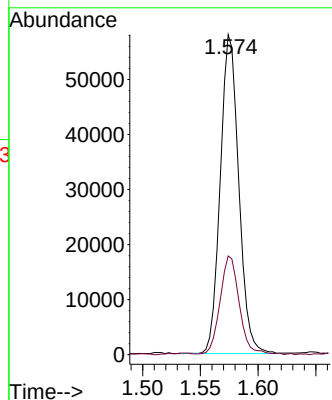
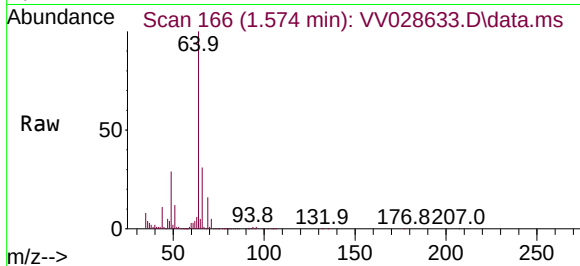




#8
Chloroethane
Concen: 4.069 ug/L
RT: 1.574 min Scan# 166
Delta R.T. 0.000 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

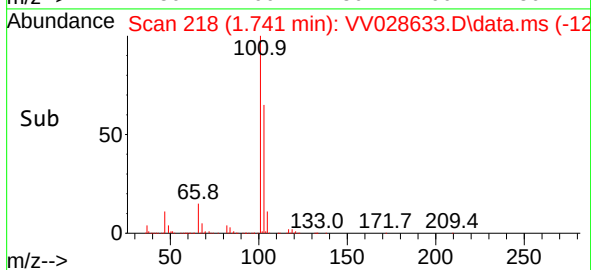
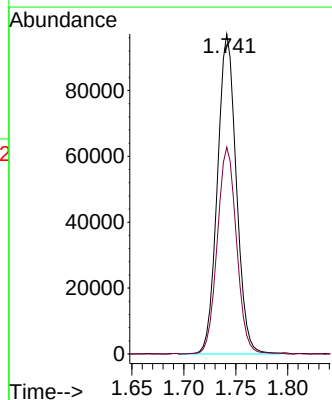
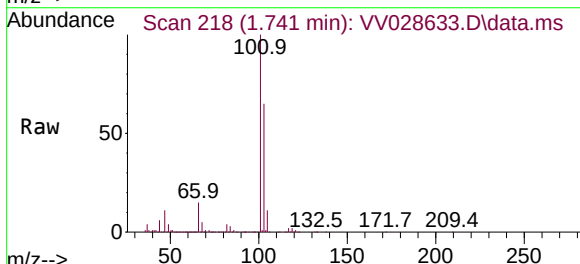
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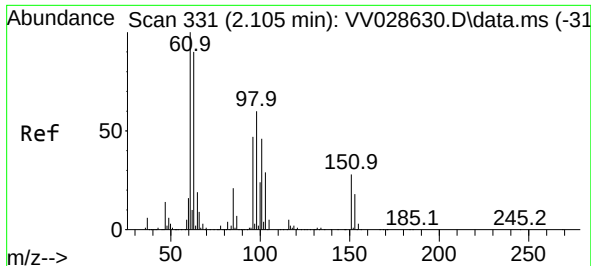
Tgt Ion: 64 Resp: 64503
Ion Ratio Lower Upper
64 100
66 30.9 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.264 ug/L
RT: 1.741 min Scan# 218
Delta R.T. 0.000 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

Tgt Ion: 101 Resp: 122954
Ion Ratio Lower Upper
101 100
103 65.8 51.0 76.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.356 ug/L

RT: 2.105 min Scan# 331

Delta R.T. 0.000 min

Lab File: VV028633.D

Acq: 20 Oct 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

VICV269

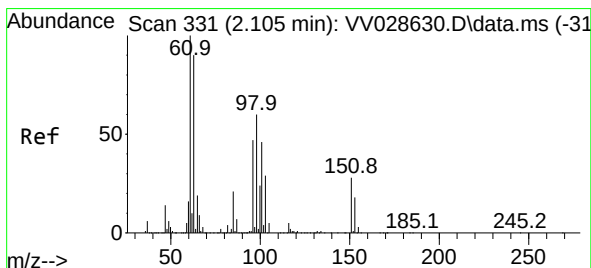
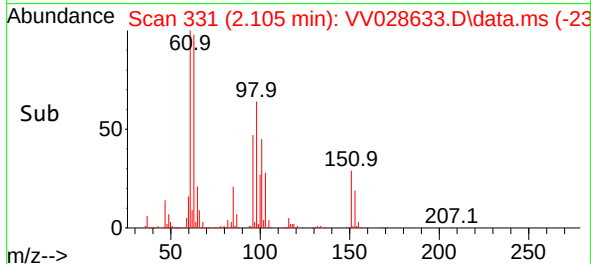
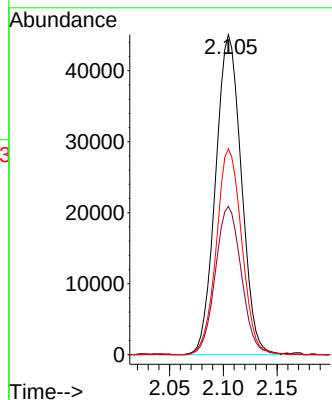
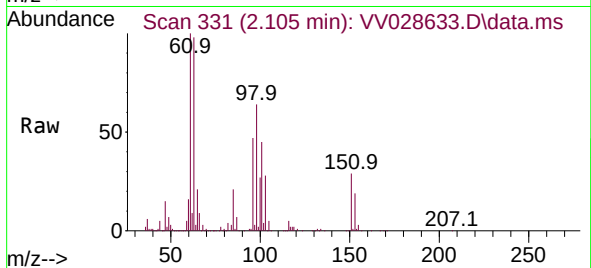
Tgt Ion:101 Resp: 75170

Ion Ratio Lower Upper

101 100

85 46.9 37.0 55.6

151 63.5 50.2 75.2



#12

1,1-Dichloroethene

Concen: 4.244 ug/L

RT: 2.108 min Scan# 332

Delta R.T. 0.003 min

Lab File: VV028633.D

Acq: 20 Oct 2022 13:45

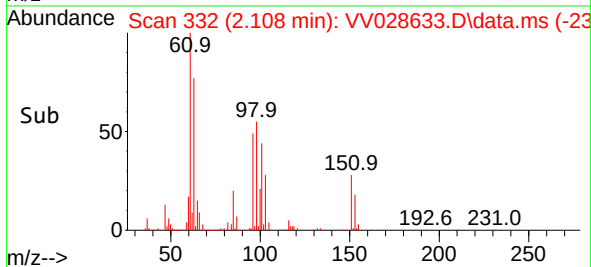
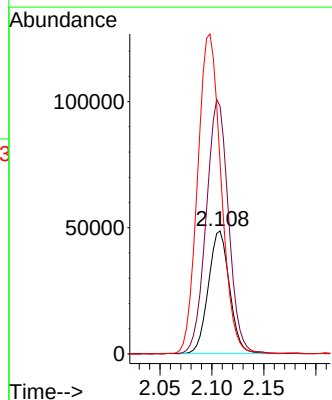
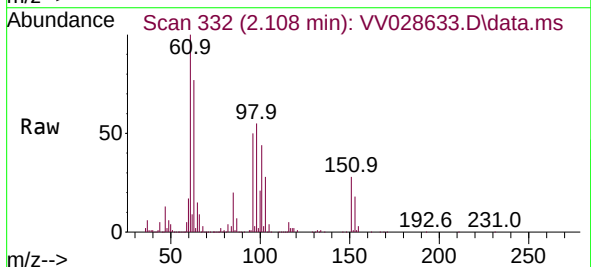
Tgt Ion: 96 Resp: 68876

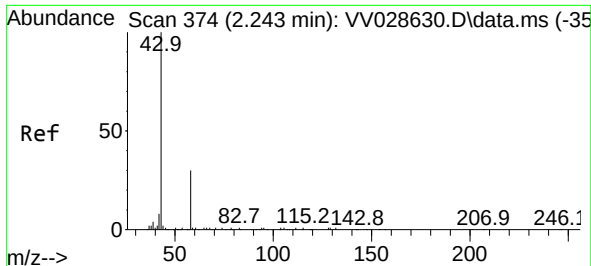
Ion Ratio Lower Upper

96 100

61 201.5 148.1 275.1

63 156.0 133.3 247.7

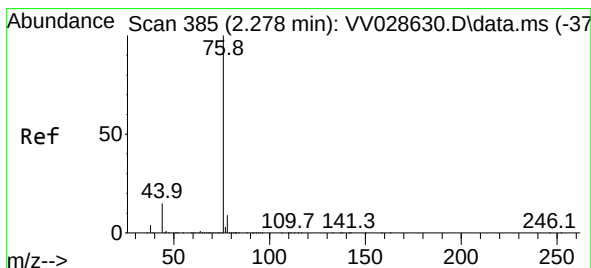
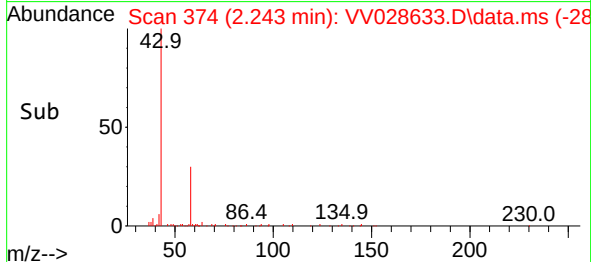
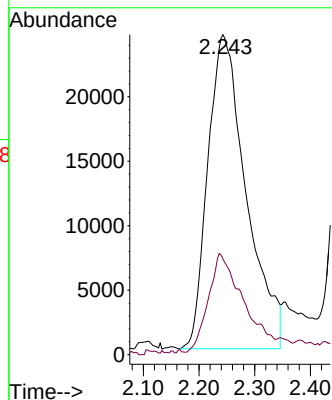
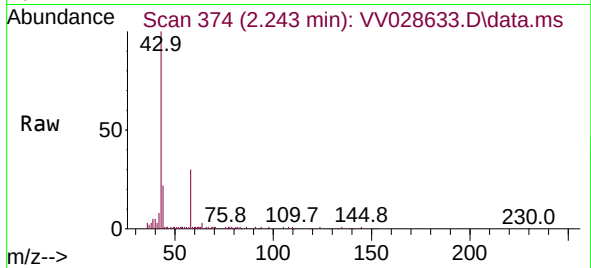




#13
Acetone
Concen: 38.889 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

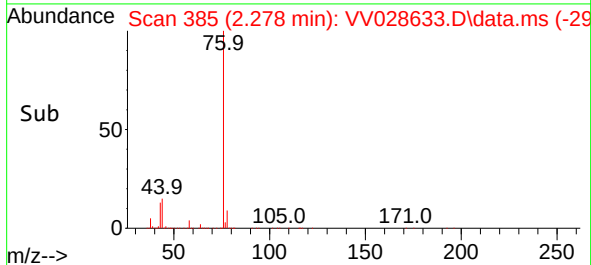
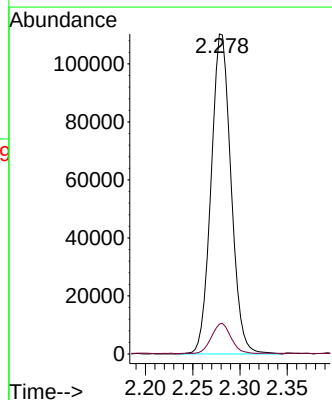
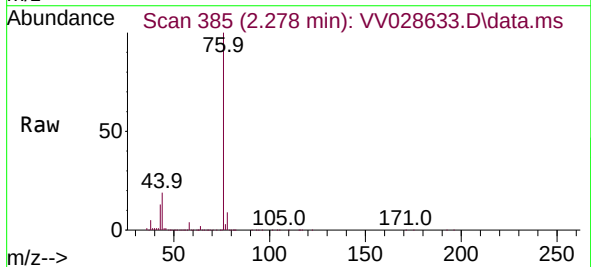
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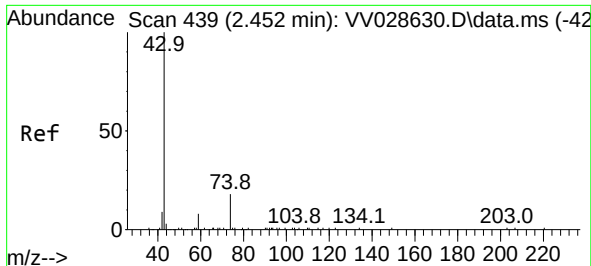
Tgt Ion: 43 Resp: 116772
Ion Ratio Lower Upper
43 100
58 28.9 0.0 50.2



#14
Carbon disulfide
Concen: 4.164 ug/L
RT: 2.278 min Scan# 385
Delta R.T. 0.000 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

Tgt Ion: 76 Resp: 161900
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

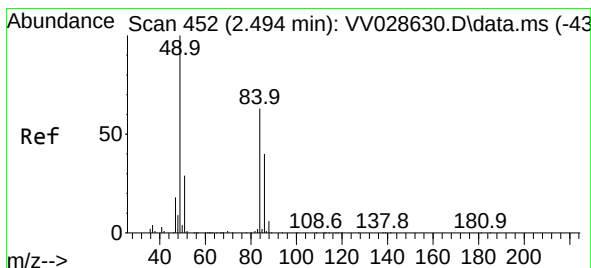
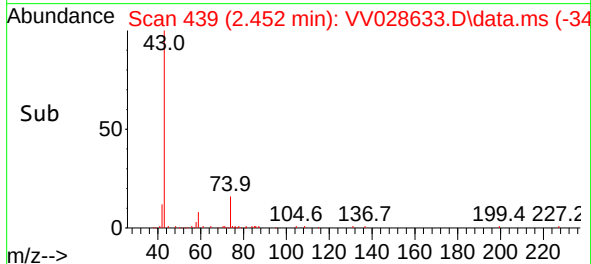
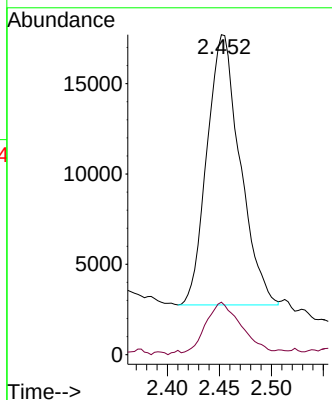
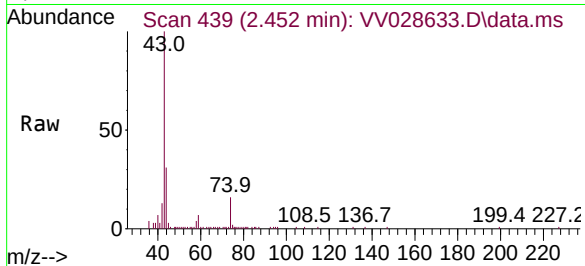




#15
Methyl Acetate
Concen: 3.722 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

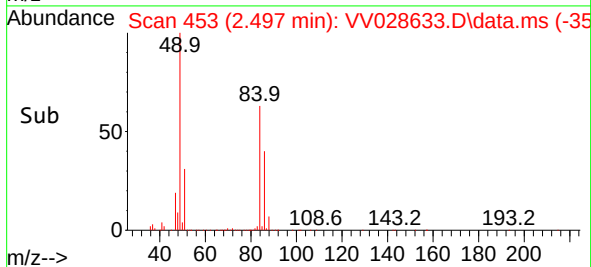
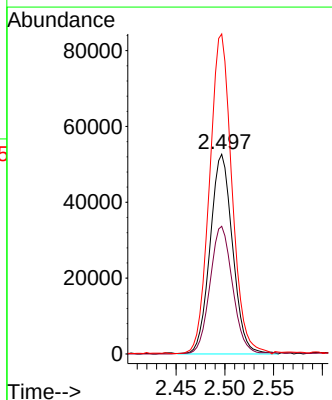
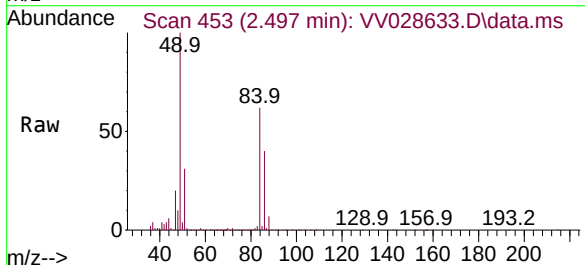
Instrument :
MSVOA_V
ClientSampleId :
VICV269

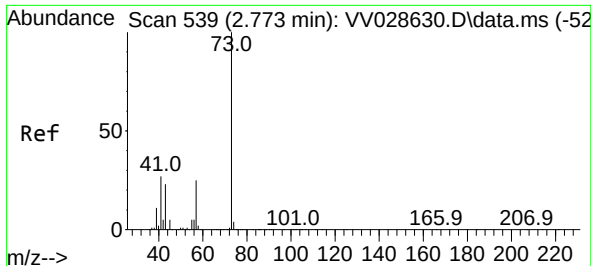
Tgt Ion: 43 Resp: 33248
Ion Ratio Lower Upper
43 100
74 19.7 14.9 22.3



#16
Methylene chloride
Concen: 3.626 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.003 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

Tgt Ion: 84 Resp: 84776
Ion Ratio Lower Upper
84 100
86 63.9 44.4 82.4
49 160.3 110.8 205.8





#17

Methyl tert-butyl Ether

Concen: 4.410 ug/L

RT: 2.773 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV028633.D

Acq: 20 Oct 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

VICV269

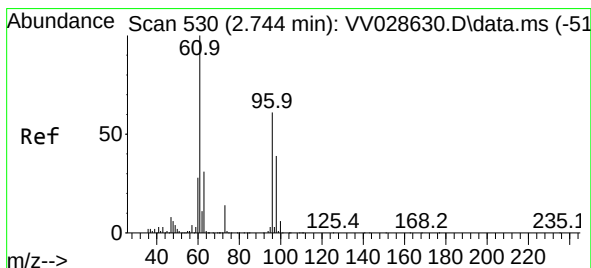
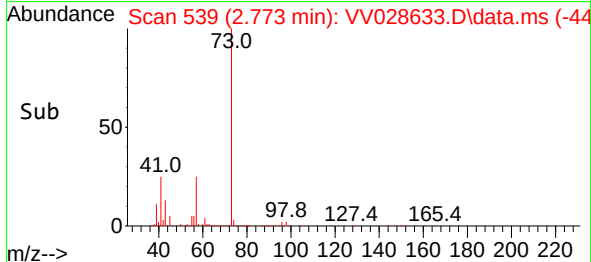
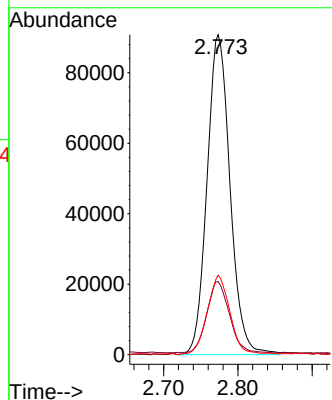
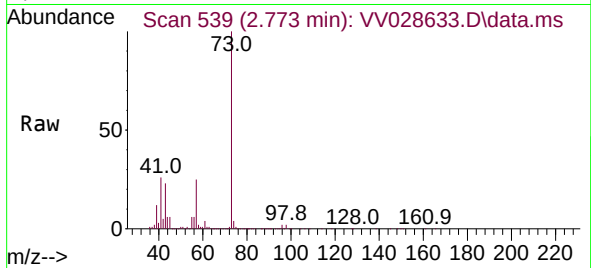
Tgt Ion: 73 Resp: 195651

Ion Ratio Lower Upper

73 100

43 22.0 18.0 27.0

57 24.4 20.0 30.0



#18

trans-1,2-Dichloroethene

Concen: 4.196 ug/L

RT: 2.744 min Scan# 530

Delta R.T. 0.000 min

Lab File: VV028633.D

Acq: 20 Oct 2022 13:45

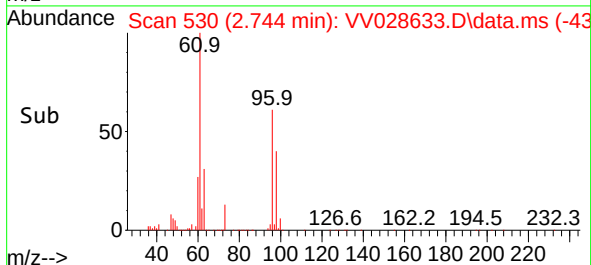
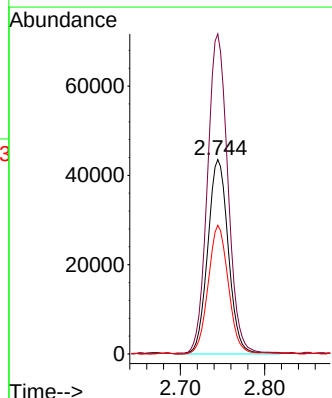
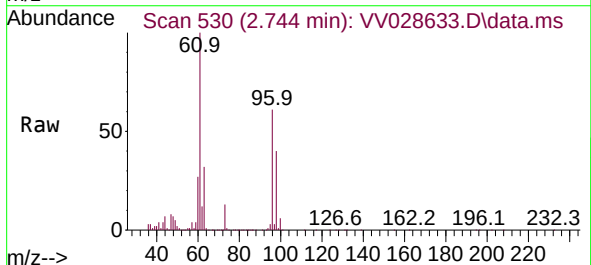
Tgt Ion: 96 Resp: 74177

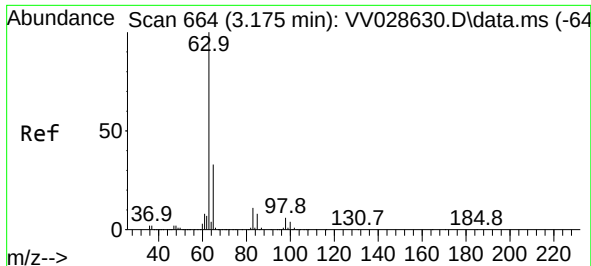
Ion Ratio Lower Upper

96 100

61 164.6 114.3 212.3

98 66.2 45.0 83.6





#19

1,1-Dichloroethane

Concen: 4.275 ug/L

RT: 3.175 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV028633.D

Acq: 20 Oct 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

VICV269

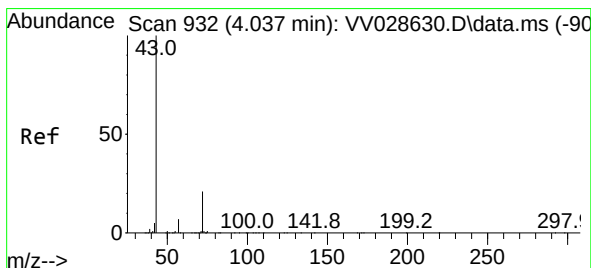
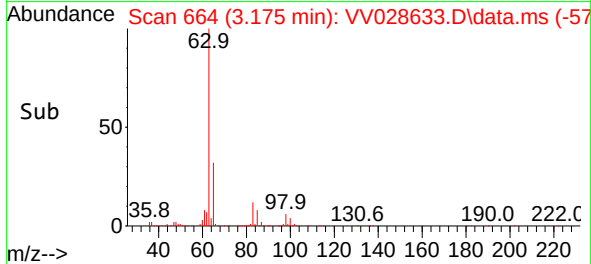
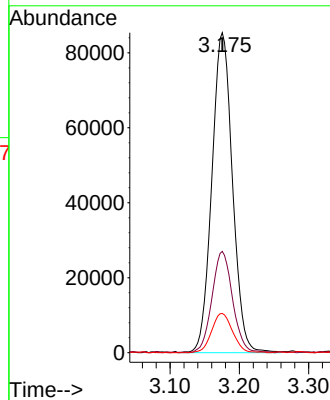
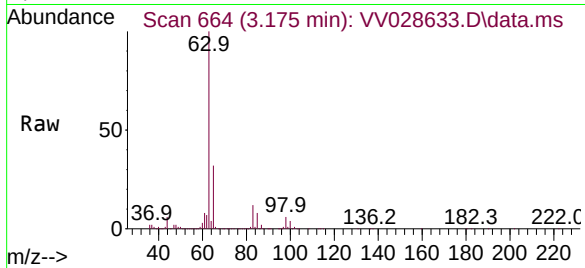
Tgt Ion: 63 Resp: 176423

Ion Ratio Lower Upper

63 100

65 31.7 23.1 42.9

83 12.2 7.9 14.7



#21

2-Butanone

Concen: 43.170 ug/L

RT: 4.037 min Scan# 932

Delta R.T. 0.000 min

Lab File: VV028633.D

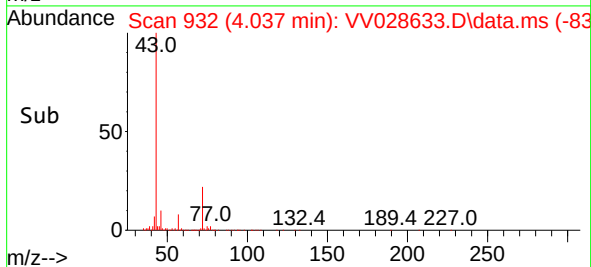
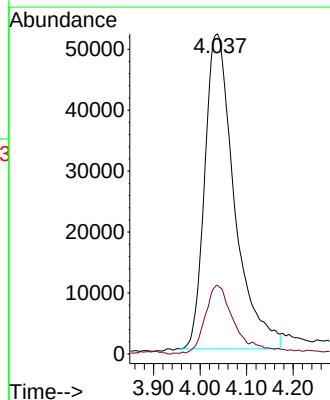
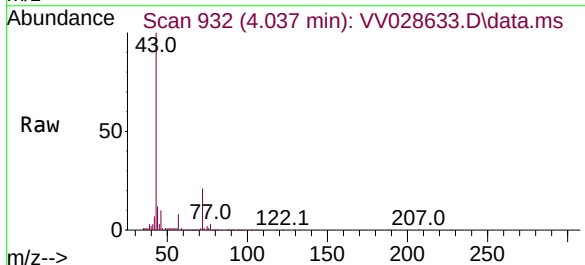
Acq: 20 Oct 2022 13:45

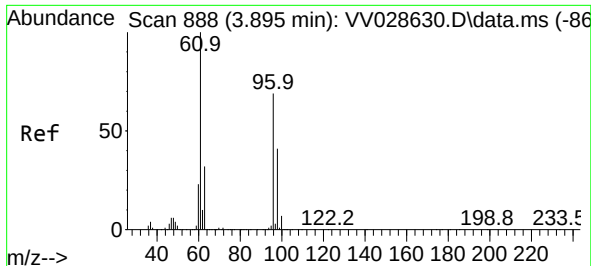
Tgt Ion: 43 Resp: 229078

Ion Ratio Lower Upper

43 100

72 19.0 10.2 30.4

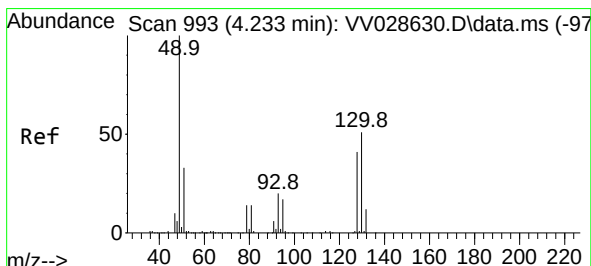
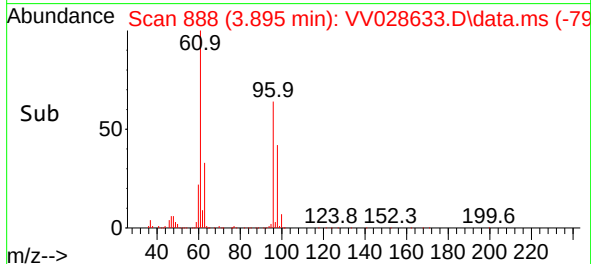
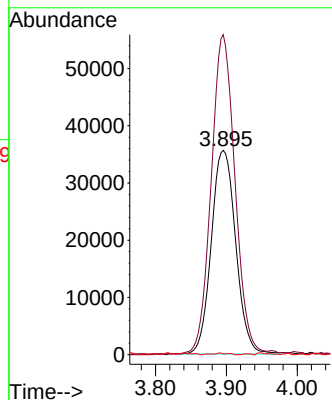
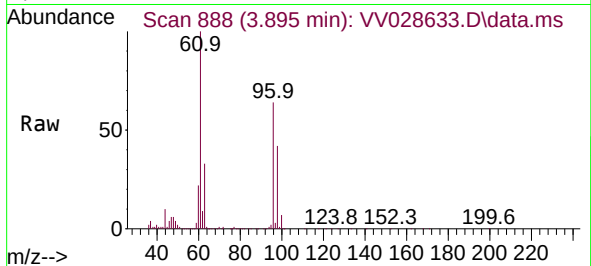




#22
 cis-1,2-Dichloroethene
 Concen: 4.189 ug/L
 RT: 3.895 min Scan# 888
 Delta R.T. 0.000 min
 Lab File: VV028633.D
 Acq: 20 Oct 2022 13:45

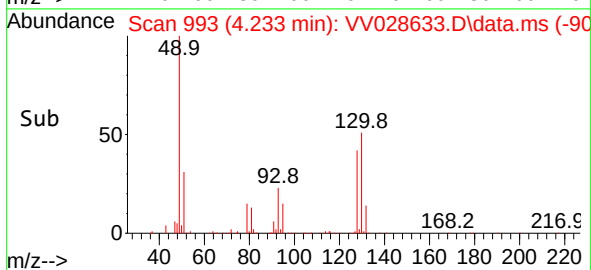
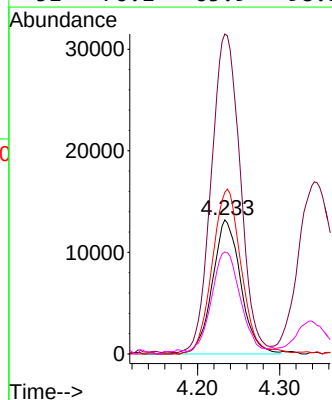
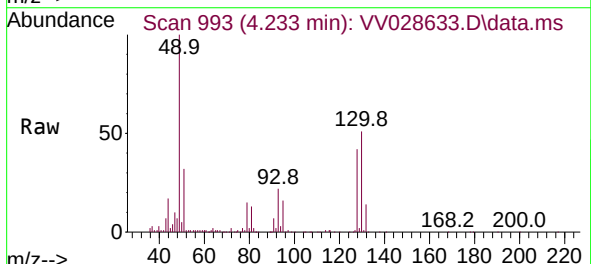
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV269

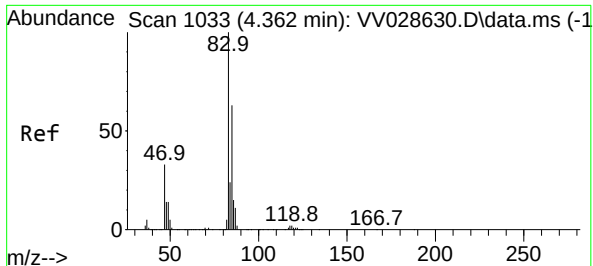
Tgt Ion: 96 Resp: 85148
 Ion Ratio Lower Upper
 96 100
 61 156.7 101.4 188.2
 68 0.4 0.5 0.9#



#23
 Bromochloromethane
 Concen: 4.251 ug/L
 RT: 4.233 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VV028633.D
 Acq: 20 Oct 2022 13:45

Tgt Ion: 128 Resp: 31615
 Ion Ratio Lower Upper
 128 100
 49 238.7 171.1 317.7
 130 120.6 86.4 160.4
 51 76.1 65.9 98.9





#25

Chloroform

Concen: 4.189 ug/L

RT: 4.365 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VV028633.D

Acq: 20 Oct 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

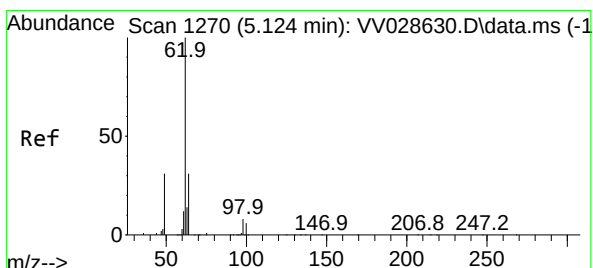
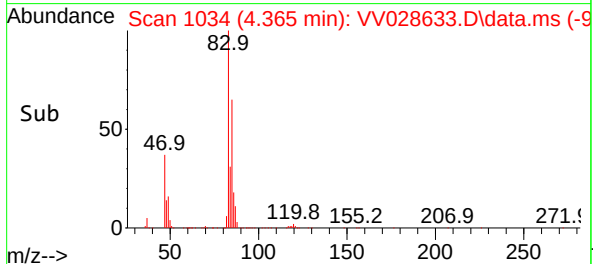
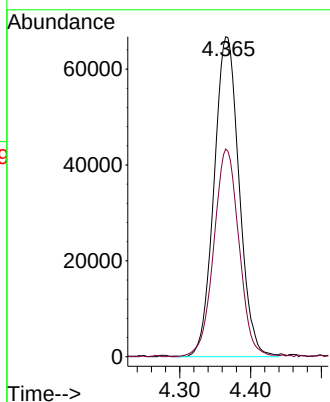
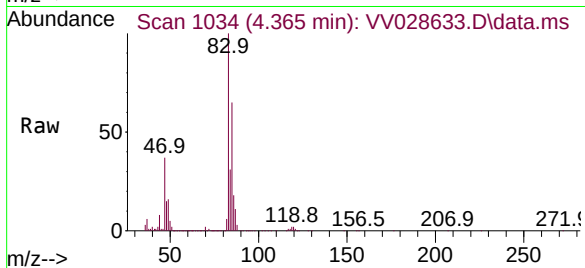
VICV269

Tgt Ion: 83 Resp: 164027

Ion Ratio Lower Upper

83 100

85 64.9 44.1 81.9



#27

1,2-Dichloroethane

Concen: 4.838 ug/L

RT: 5.121 min Scan# 1269

Delta R.T. -0.003 min

Lab File: VV028633.D

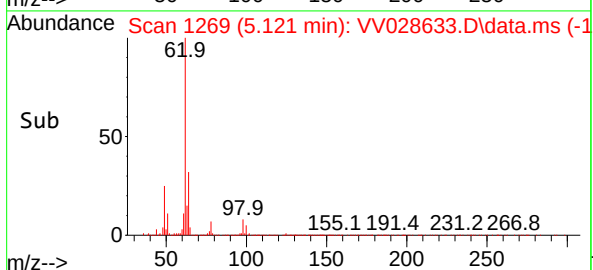
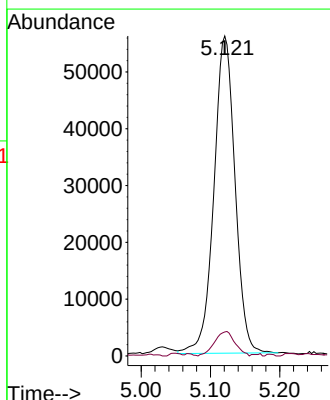
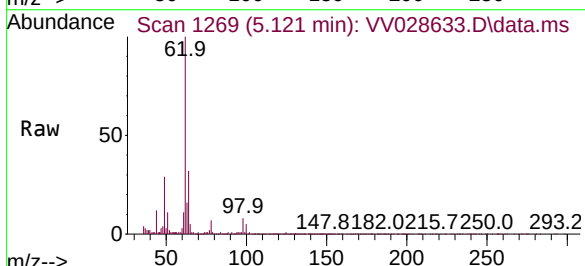
Acq: 20 Oct 2022 13:45

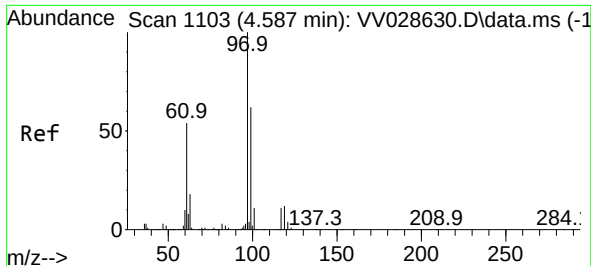
Tgt Ion: 62 Resp: 118526

Ion Ratio Lower Upper

62 100

98 7.5 6.6 9.8





#29

1,1,1-Trichloroethane

Concen: 4.943 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VV028633.D

Acq: 20 Oct 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

VICV269

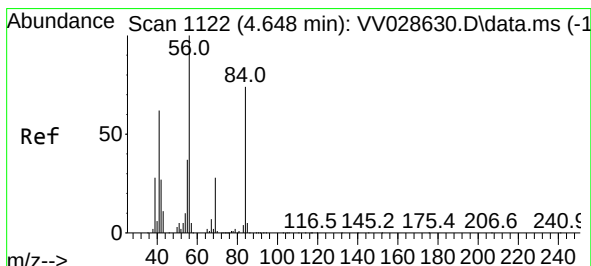
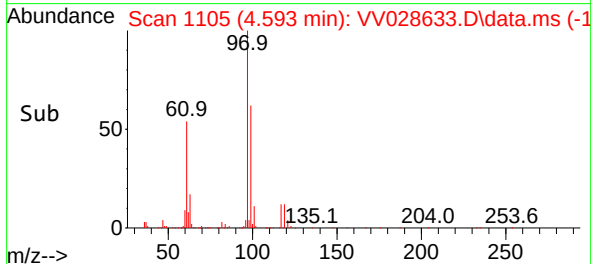
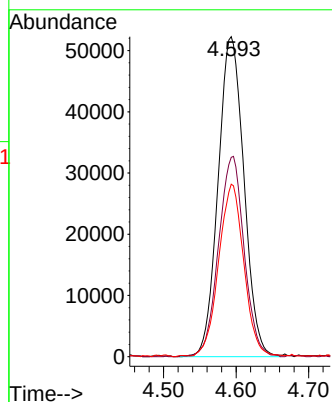
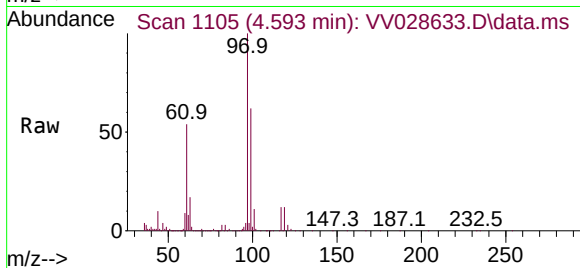
Tgt Ion: 97 Resp: 129280

Ion Ratio Lower Upper

97 100

99 62.0 50.5 75.7

61 52.1 43.1 64.7



#30

Cyclohexane

Concen: 5.210 ug/L

RT: 4.654 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VV028633.D

Acq: 20 Oct 2022 13:45

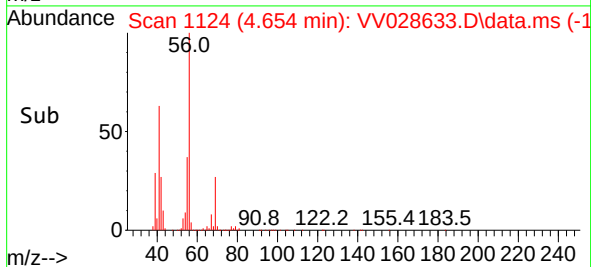
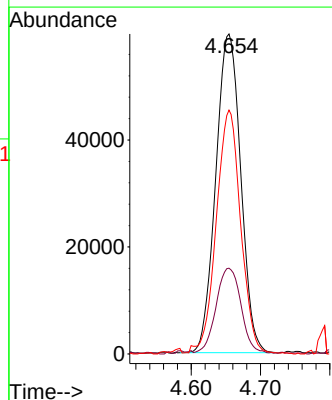
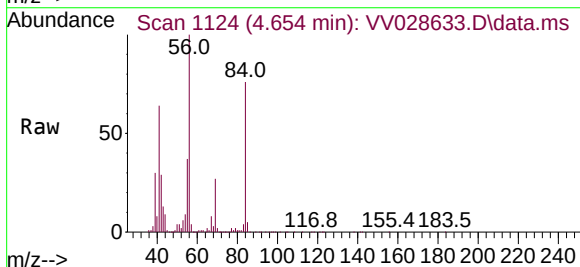
Tgt Ion: 56 Resp: 149283

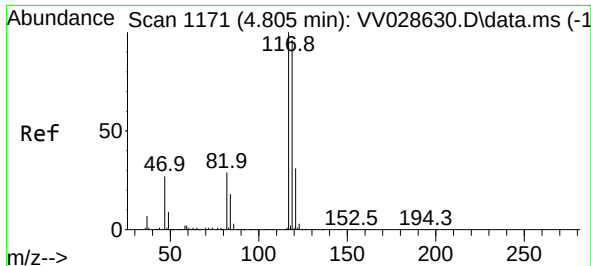
Ion Ratio Lower Upper

56 100

69 26.6 22.6 34.0

84 74.3 60.4 90.6

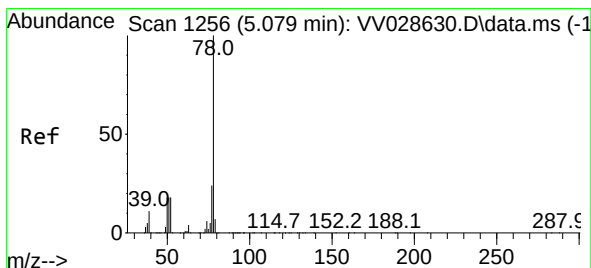
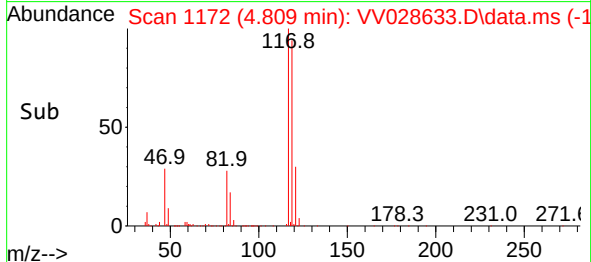
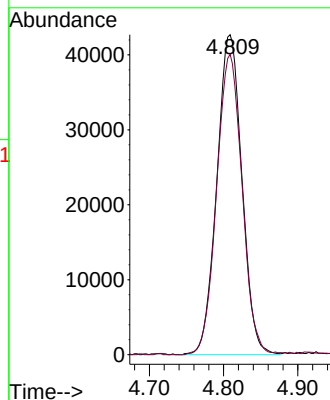
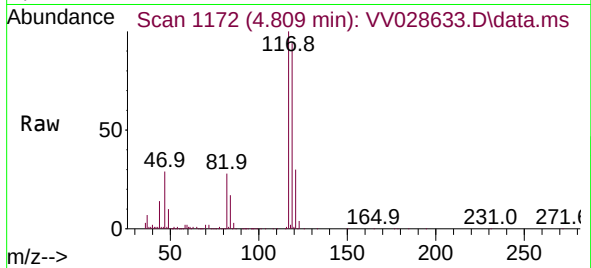




#31
Carbon tetrachloride
Concen: 5.195 ug/L
RT: 4.809 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

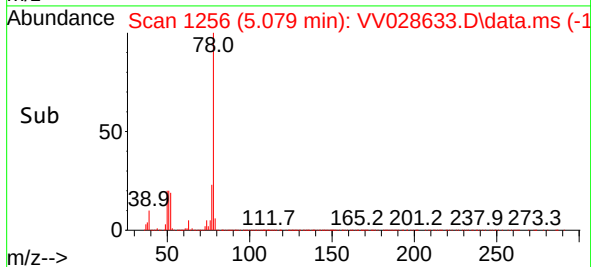
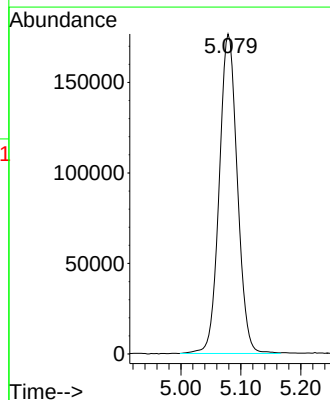
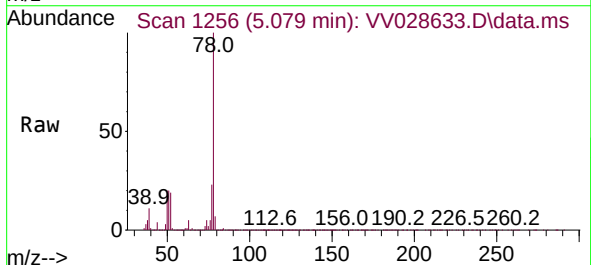
Instrument :
MSVOA_V
ClientSampleId :
VICV269

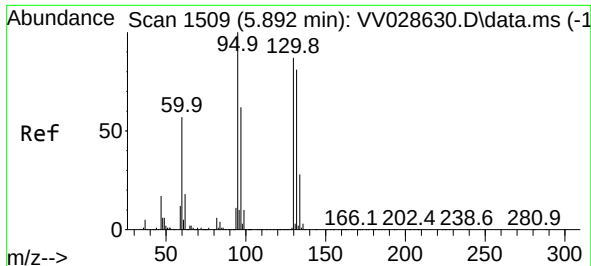
Tgt Ion:117 Resp: 100335
Ion Ratio Lower Upper
117 100
119 94.9 76.1 114.1



#33
Benzene
Concen: 5.187 ug/L
RT: 5.079 min Scan# 1256
Delta R.T. 0.000 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

Tgt Ion: 78 Resp: 369329



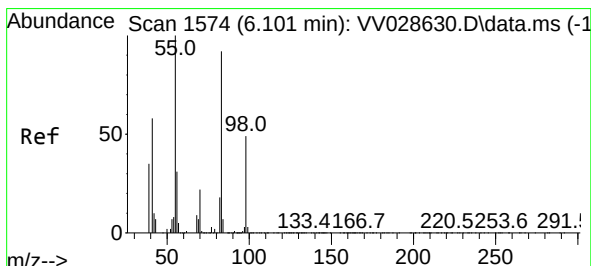
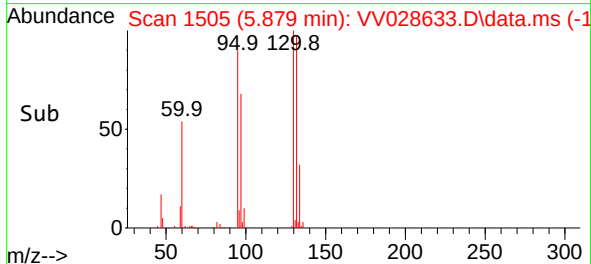
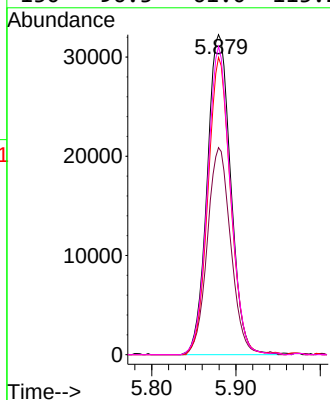
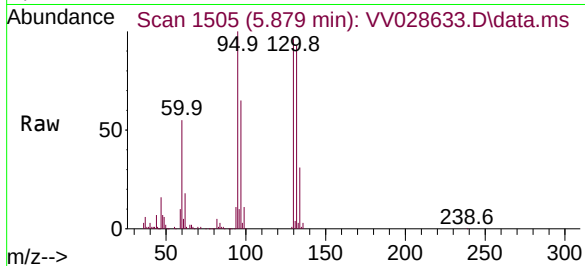


#34
Trichloroethene
Concen: 3.812 ug/L
RT: 5.879 min Scan# 11
Delta R.T. -0.013 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

Instrument :
MSVOA_V
ClientSampleId :
VICV269

Tgt Ion: 95 Resp: 62639

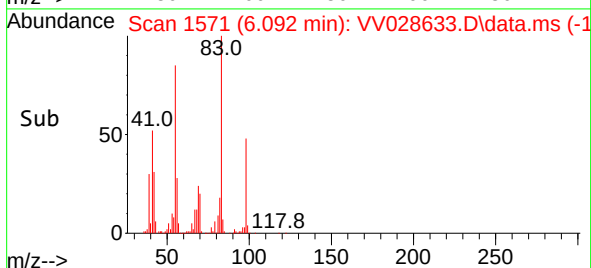
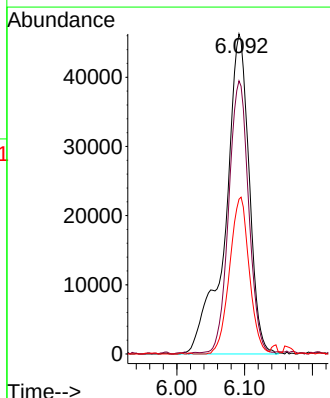
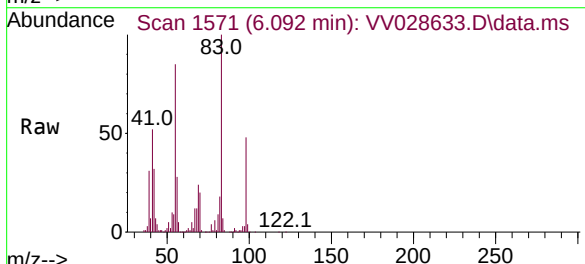
Ion	Ratio	Lower	Upper
95	100		
97	64.7	43.5	80.9
132	92.9	56.5	104.9
130	96.3	61.0	113.2

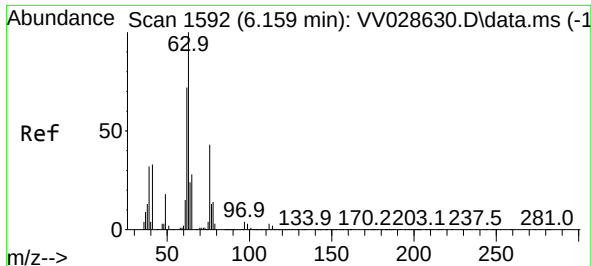


#35
Methylcyclohexane
Concen: 4.379 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. -0.010 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

Tgt Ion: 83 Resp: 112953

Ion	Ratio	Lower	Upper
83	100		
55	70.5	70.0	105.0
98	40.5	35.6	53.4





#37

1,2-Dichloropropane

Concen: 3.646 ug/L

RT: 6.153 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV028633.D

Acq: 20 Oct 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

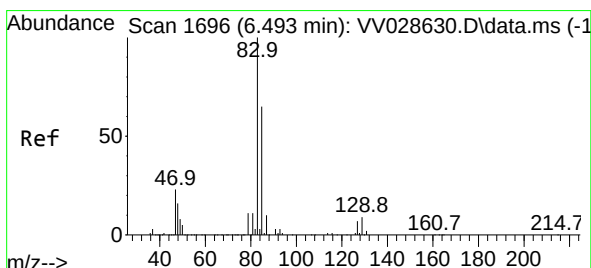
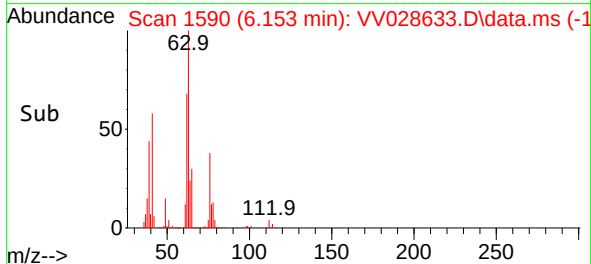
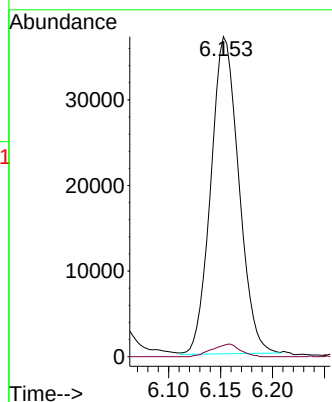
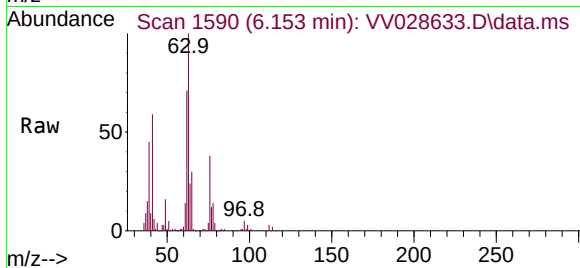
VICV269

Tgt Ion: 63 Resp: 69490

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 4.026 ug/L

RT: 6.493 min Scan# 1696

Delta R.T. 0.000 min

Lab File: VV028633.D

Acq: 20 Oct 2022 13:45

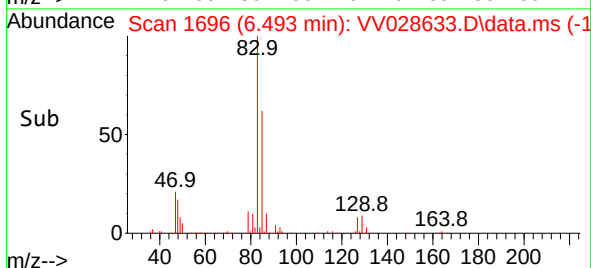
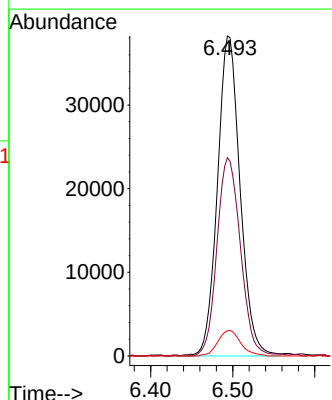
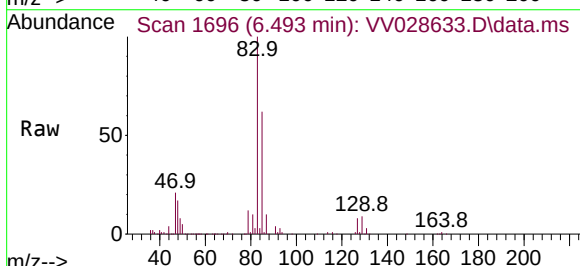
Tgt Ion: 83 Resp: 73684

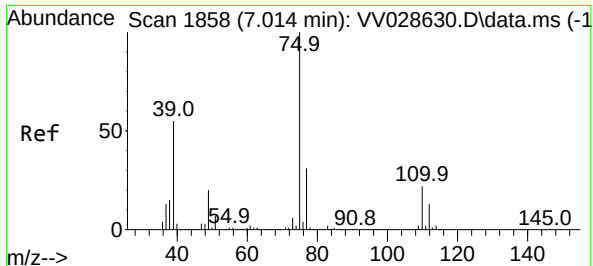
Ion Ratio Lower Upper

83 100

85 62.0 45.1 83.9

127 7.9 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 4.117 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV028633.D

Acq: 20 Oct 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

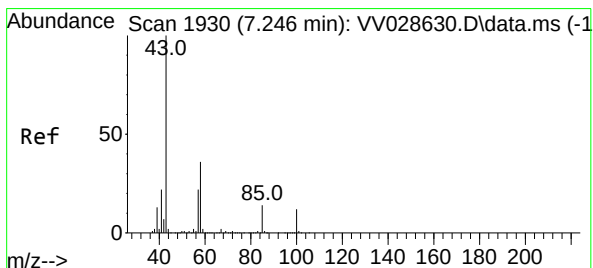
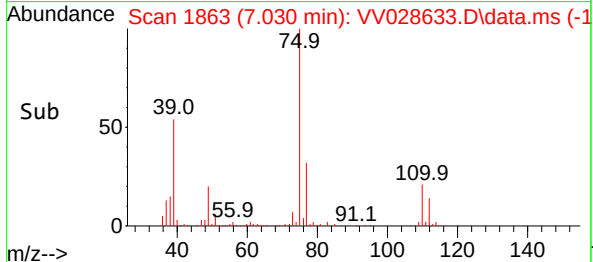
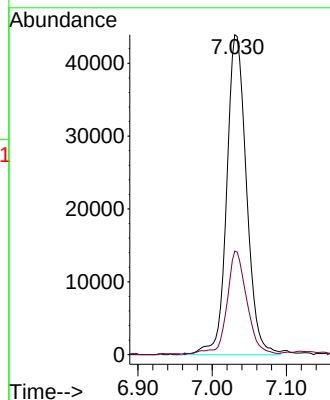
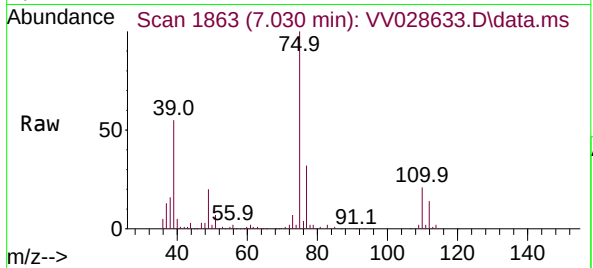
VICV269

Tgt Ion: 75 Resp: 81263

Ion Ratio Lower Upper

75 100

77 32.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 42.039 ug/L

RT: 7.255 min Scan# 1933

Delta R.T. 0.010 min

Lab File: VV028633.D

Acq: 20 Oct 2022 13:45

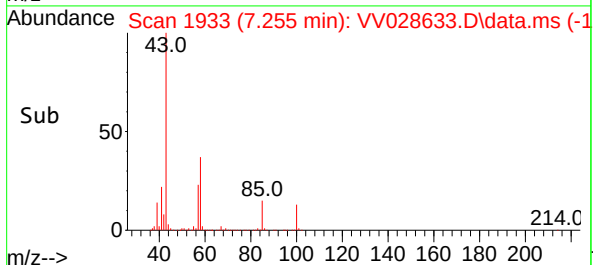
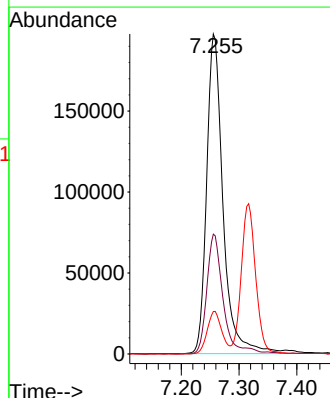
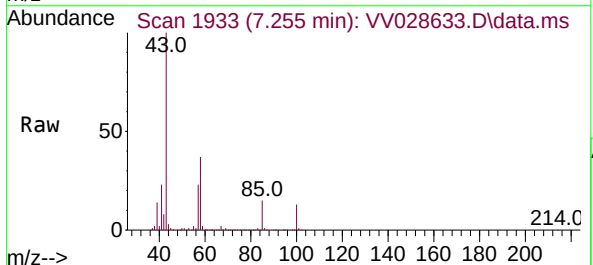
Tgt Ion: 43 Resp: 387986

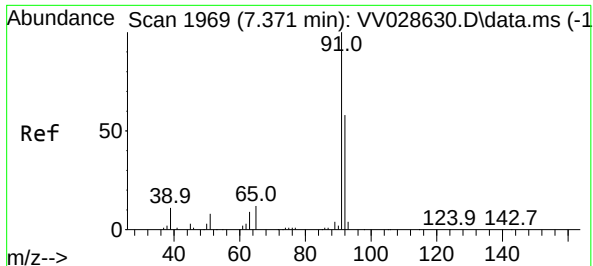
Ion Ratio Lower Upper

43 100

58 36.8 29.6 44.4

100 12.0 9.4 14.0





#42

Toluene

Concen: 4.631 ug/L

RT: 7.387 min Scan# 1969

Delta R.T. 0.016 min

Lab File: VV028633.D

Acq: 20 Oct 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

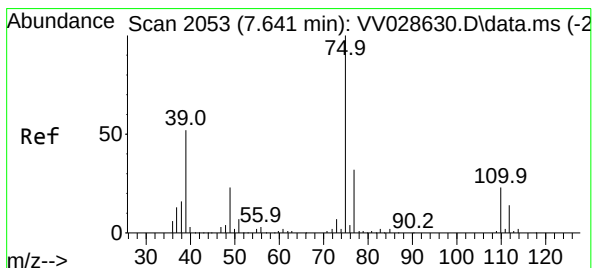
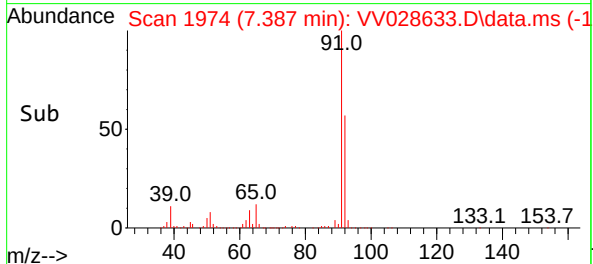
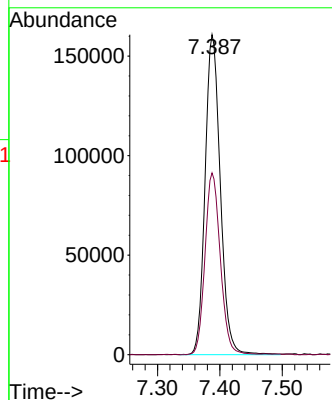
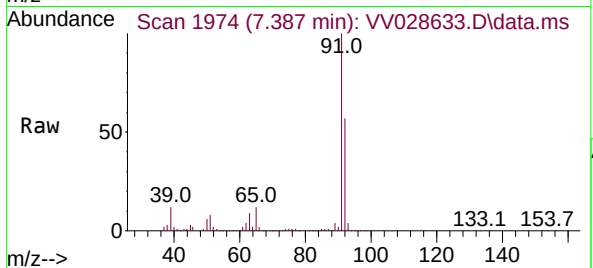
VICV269

Tgt Ion: 91 Resp: 273119

Ion Ratio Lower Upper

91 100

92 56.8 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.522 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.016 min

Lab File: VV028633.D

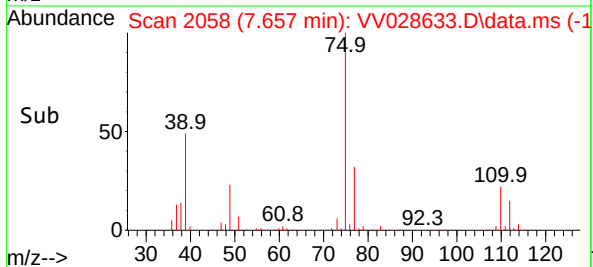
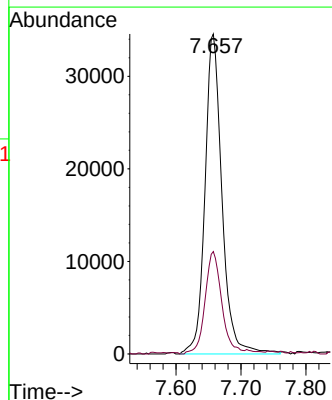
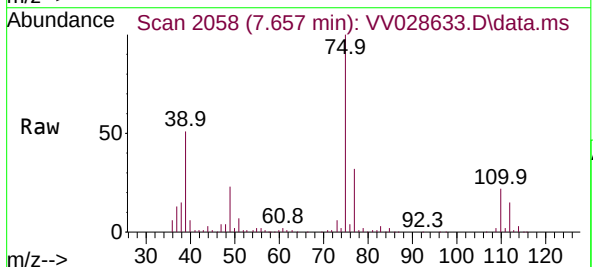
Acq: 20 Oct 2022 13:45

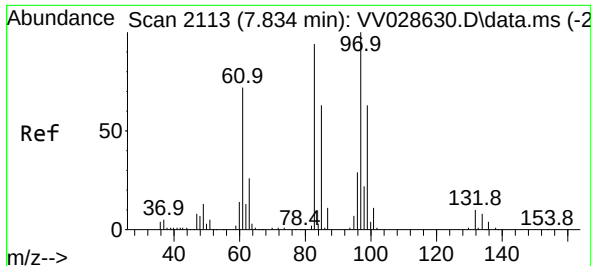
Tgt Ion: 75 Resp: 63088

Ion Ratio Lower Upper

75 100

77 32.0 22.6 42.0

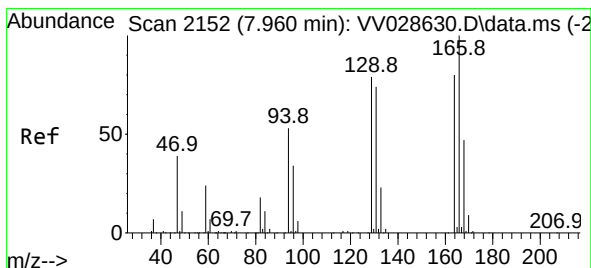
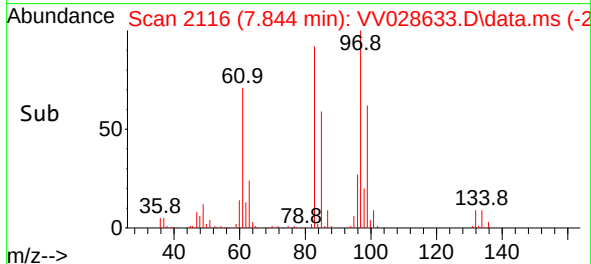
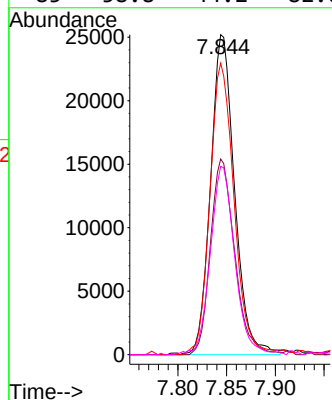
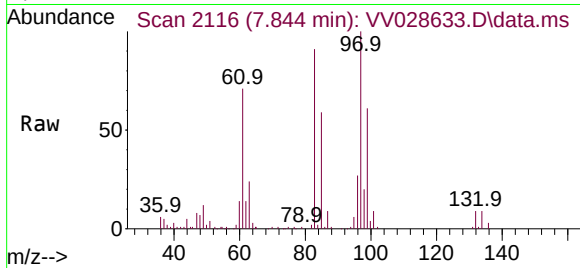




#45
1,1,2-Trichloroethane
Concen: 4.801 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.010 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

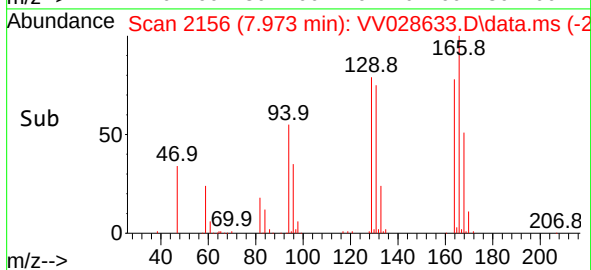
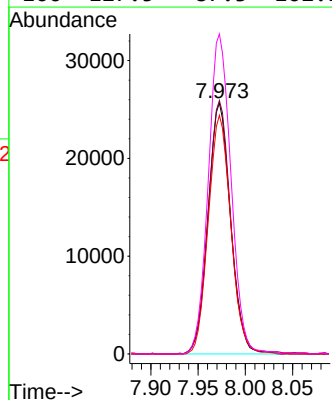
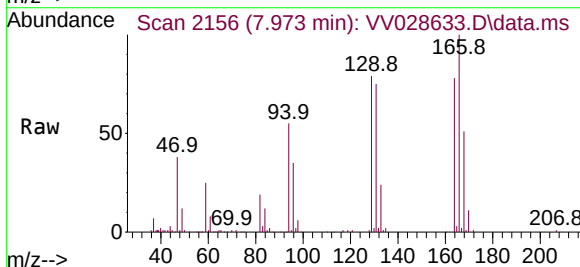
Instrument :
MSVOA_V
ClientSampleId :
VICV269

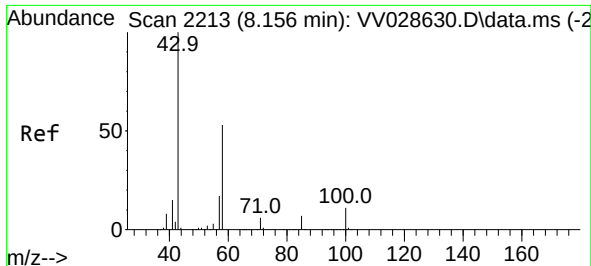
Tgt Ion:	97	Resp:	43131
Ion	Ratio	Lower	Upper
97	100		
99	61.1	44.0	81.6
83	91.1	66.2	123.0
85	58.8	44.2	82.0



#47
Tetrachloroethene
Concen: 4.795 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.013 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

Tgt Ion:	164	Resp:	42550
Ion	Ratio	Lower	Upper
164	100		
129	101.0	69.2	128.6
131	95.1	64.2	119.2
166	127.5	87.3	162.1

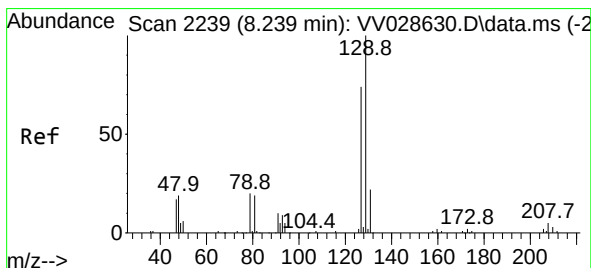
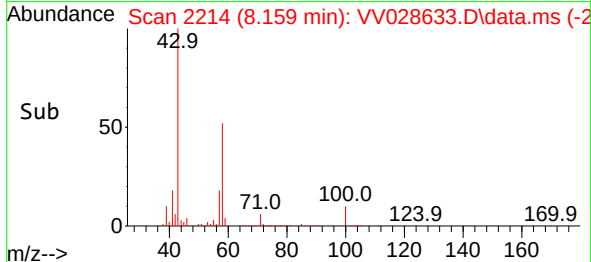
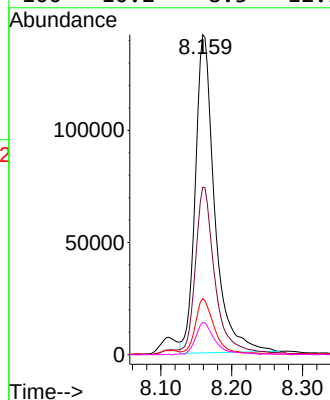
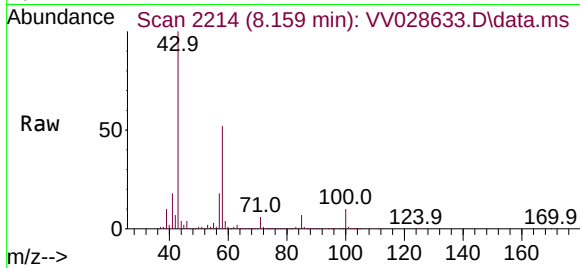




#48
2-Hexanone
Concen: 46.662 ug/L
RT: 8.159 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

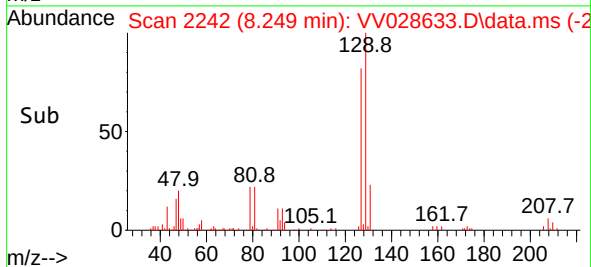
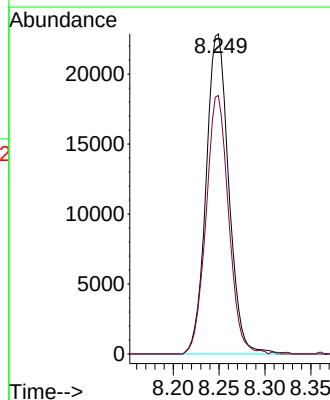
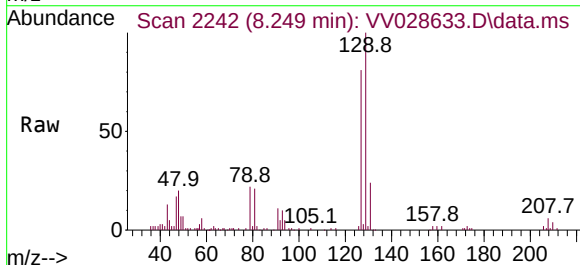
Instrument :
MSVOA_V
ClientSampleId :
VICV269

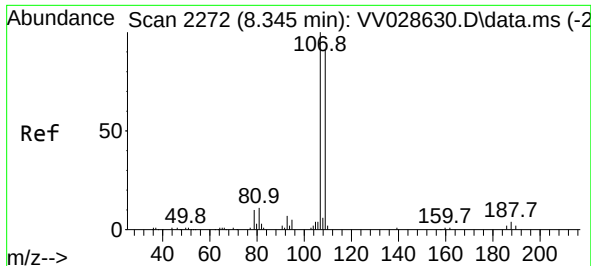
Tgt Ion: 43 Resp: 269757
Ion Ratio Lower Upper
43 100
58 53.1 40.6 60.8
57 16.2 13.8 20.8
100 10.2 8.3 12.5



#49
Dibromochloromethane
Concen: 4.719 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.010 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

Tgt Ion: 129 Resp: 39290
Ion Ratio Lower Upper
129 100
127 80.7 51.6 95.8

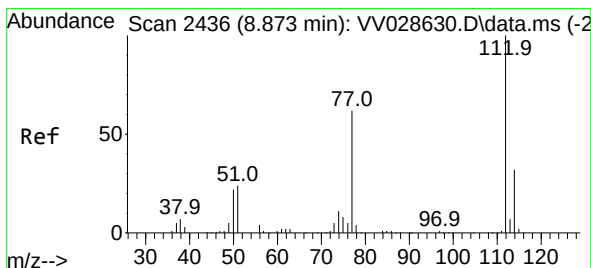
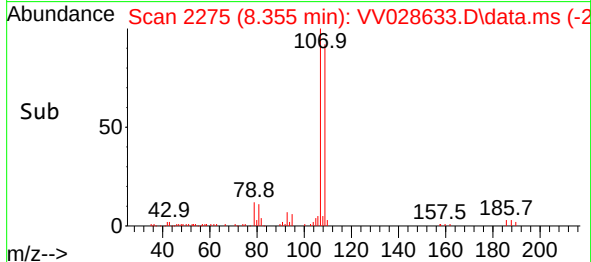
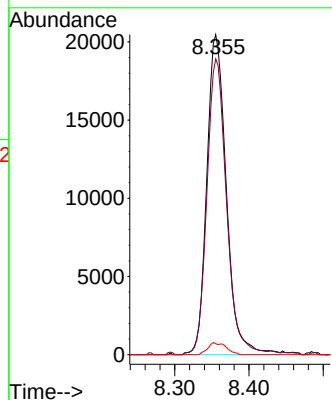
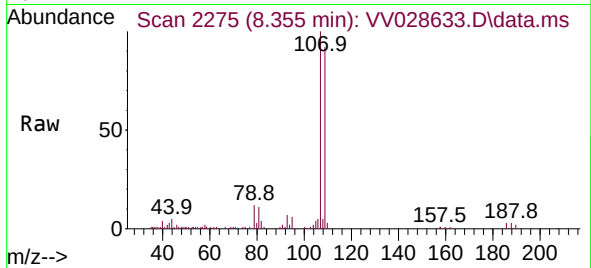




#50
1,2-Dibromoethane
Concen: 4.848 ug/L
RT: 8.355 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

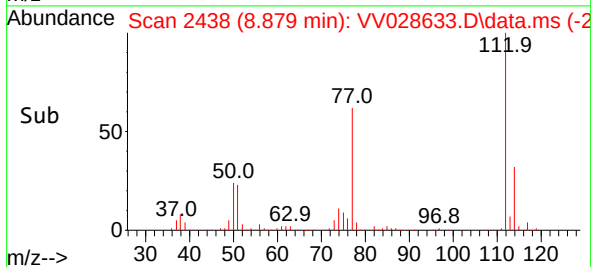
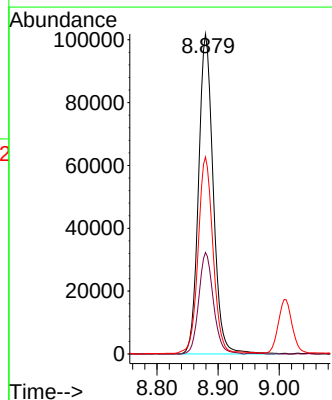
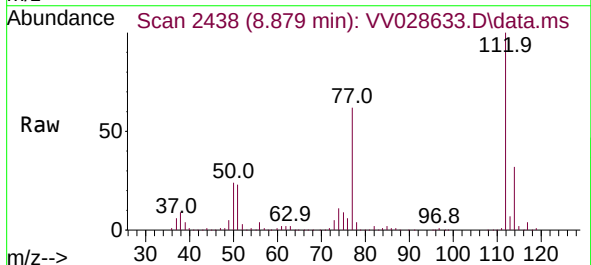
Instrument :
MSVOA_V
ClientSampleId :
VICV269

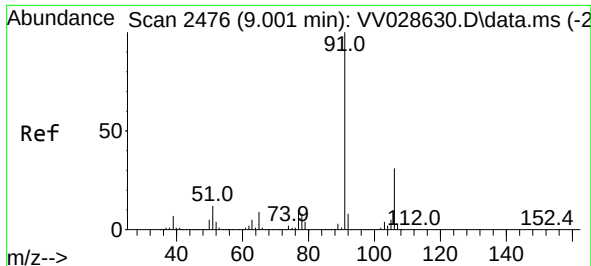
Tgt Ion:107 Resp: 37288
Ion Ratio Lower Upper
107 100
109 92.5 64.0 118.8
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 4.916 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.006 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

Tgt Ion:112 Resp: 169471
Ion Ratio Lower Upper
112 100
114 31.7 22.0 41.0
77 61.5 50.0 75.0





#52

Ethylbenzene

Concen: 4.896 ug/L

RT: 9.008 min Scan# 2476

Delta R.T. 0.006 min

Lab File: VV028633.D

Acq: 20 Oct 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

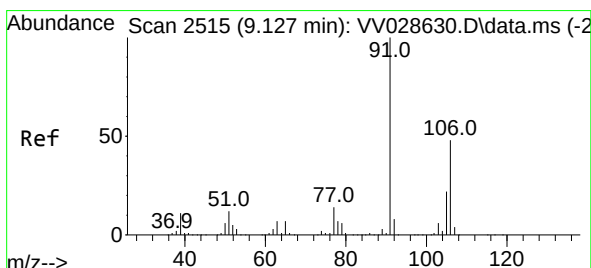
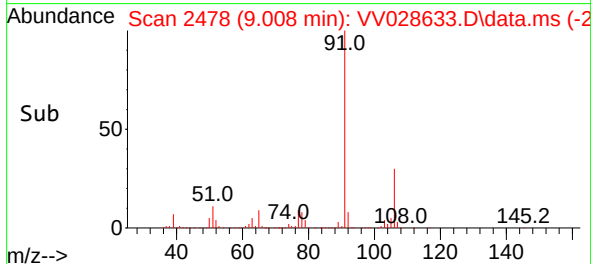
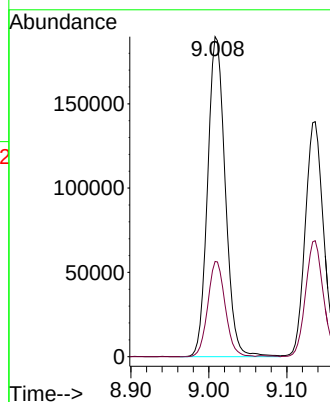
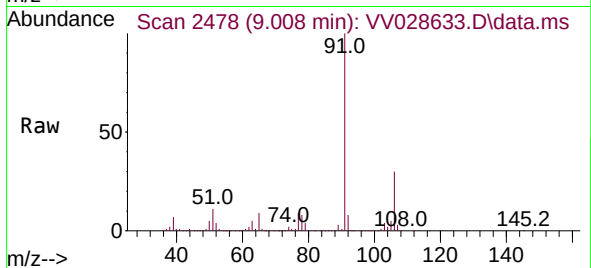
VICV269

Tgt Ion: 91 Resp: 298456

Ion Ratio Lower Upper

91 100

106 29.7 21.3 39.6



#53

m,p-Xylene

Concen: 4.996 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.010 min

Lab File: VV028633.D

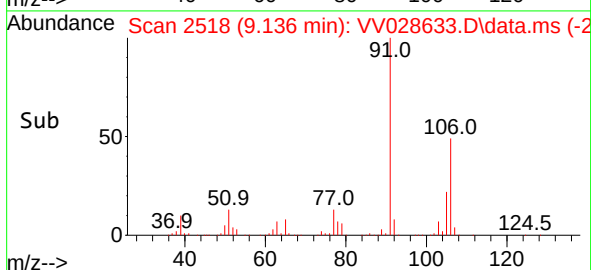
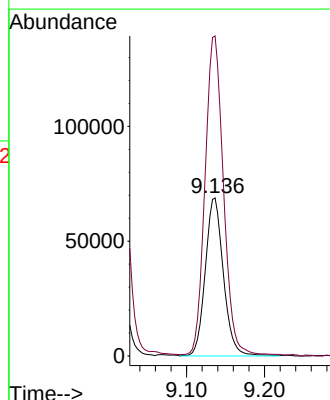
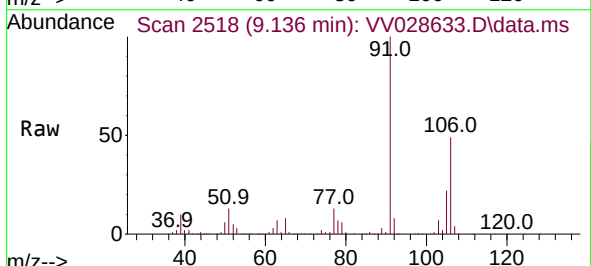
Acq: 20 Oct 2022 13:45

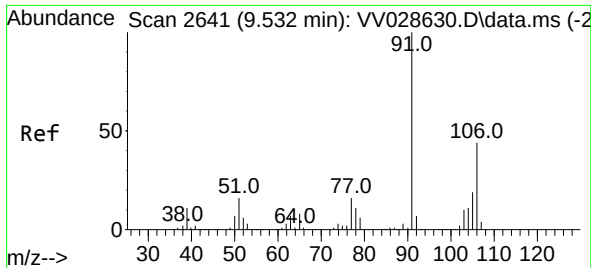
Tgt Ion: 106 Resp: 111291

Ion Ratio Lower Upper

106 100

91 202.4 145.5 270.1

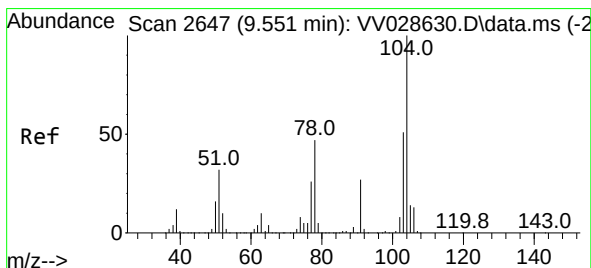
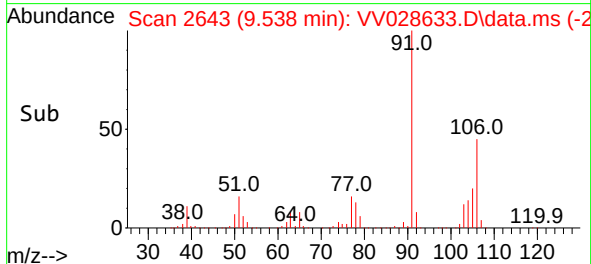
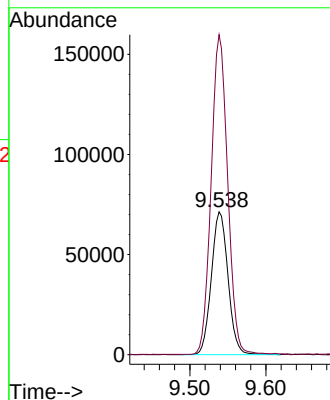
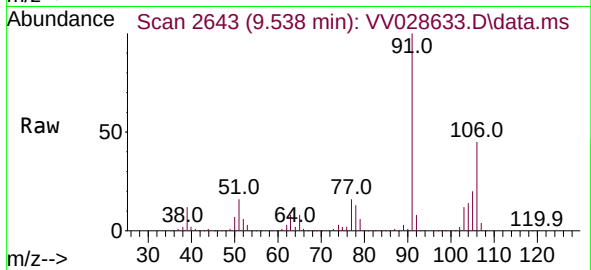




#54
o-Xylene
Concen: 4.918 ug/L
RT: 9.538 min Scan# 2641
Delta R.T. 0.006 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

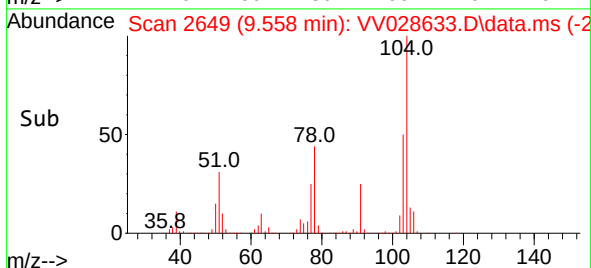
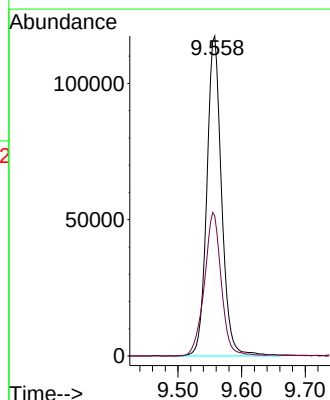
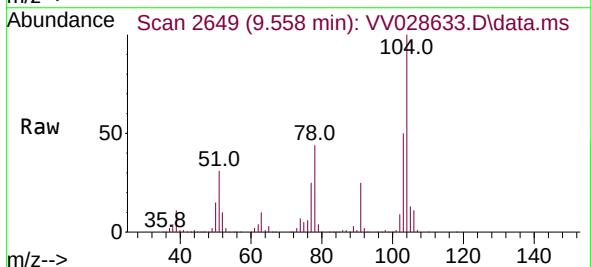
Instrument :
MSVOA_V
ClientSampleId :
VICV269

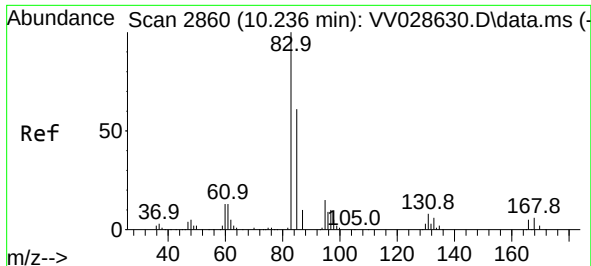
Tgt Ion:106 Resp: 108659
Ion Ratio Lower Upper
106 100
91 223.9 159.0 295.4



#55
Styrene
Concen: 5.033 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.006 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

Tgt Ion:104 Resp: 189582
Ion Ratio Lower Upper
104 100
78 43.7 32.8 61.0

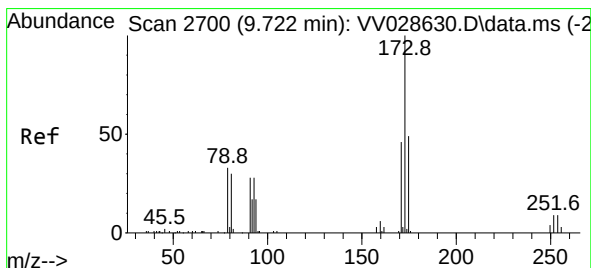
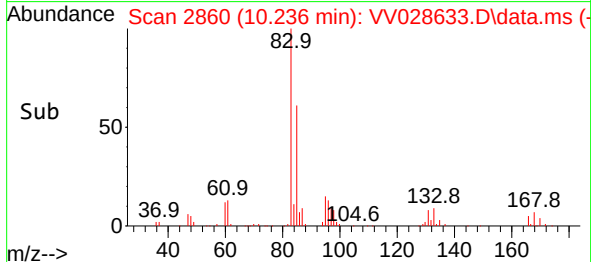
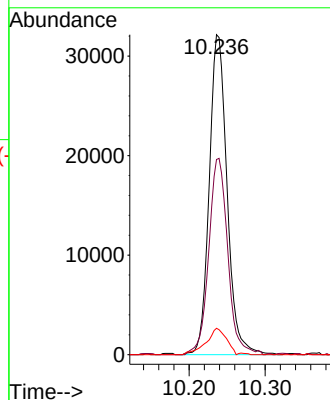
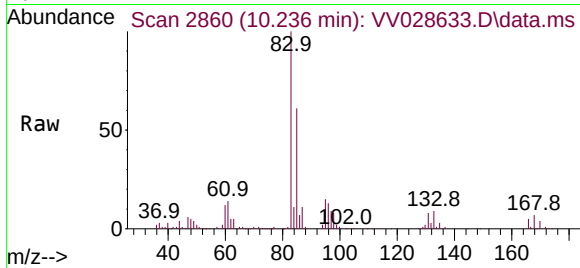




#57
1,1,2,2-Tetrachloroethane
Concen: 4.959 ug/L
RT: 10.236 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

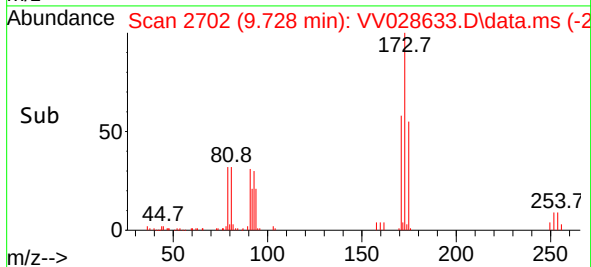
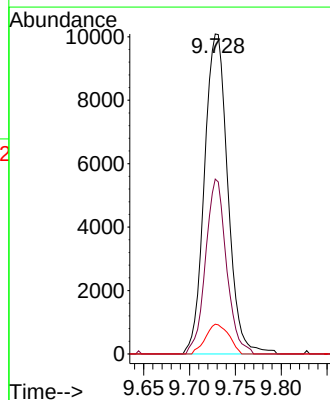
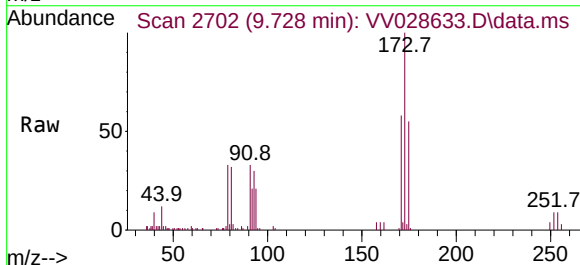
Instrument :
MSVOA_V
ClientSampleId :
VICV269

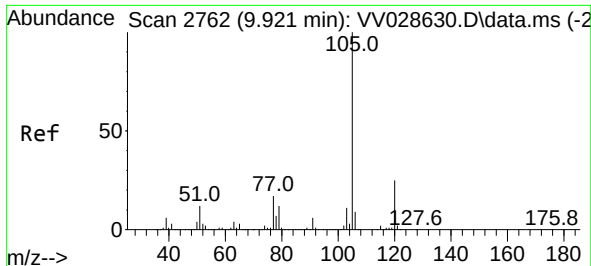
Tgt Ion:	83	Resp:	52458
Ion	Ratio	Lower	Upper
83	100		
85	61.0	43.0	80.0
131	8.2	6.5	9.7



#59
Bromoform
Concen: 4.763 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.006 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

Tgt Ion:	173	Resp:	17851
Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.8	59.8
254	9.3	7.3	10.9

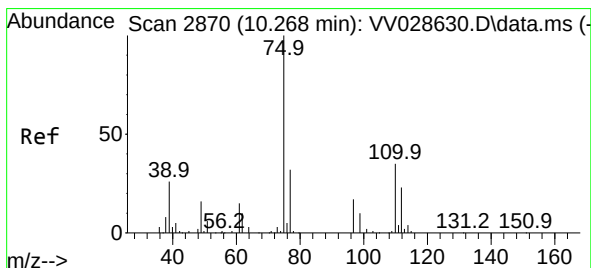
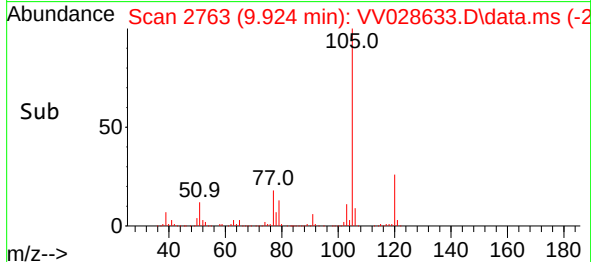
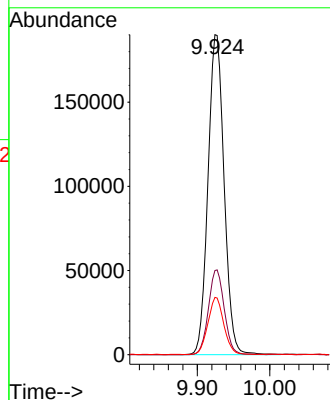
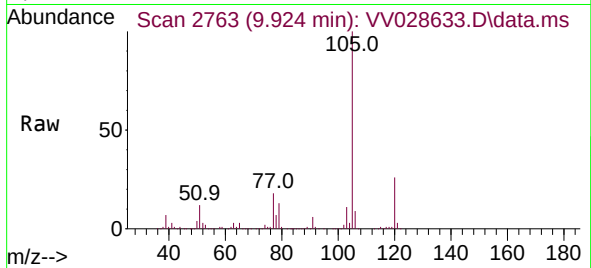




#60
Isopropylbenzene
Concen: 4.627 ug/L
RT: 9.924 min Scan# 2762
Delta R.T. 0.003 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

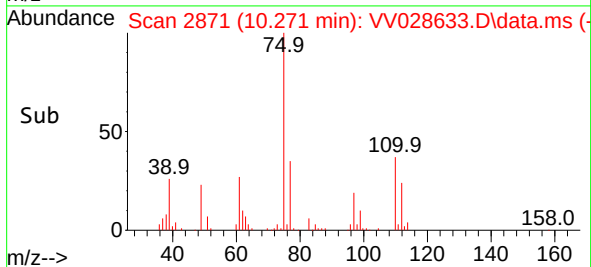
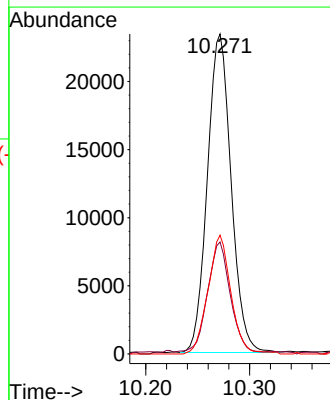
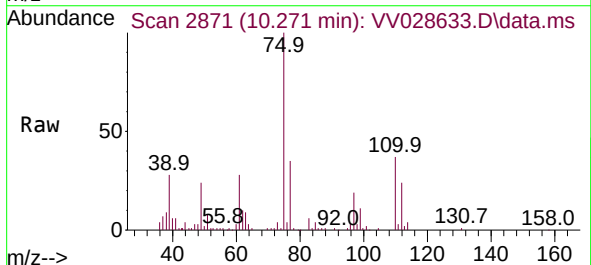
Instrument :
MSVOA_V
ClientSampleId :
VICV269

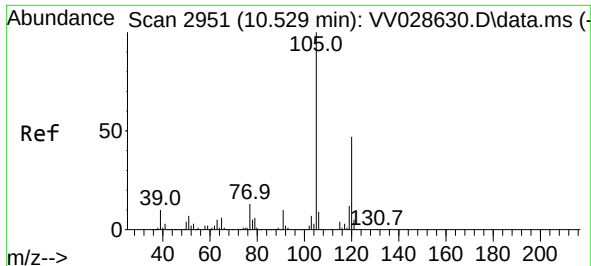
Tgt Ion:105 Resp: 293510
Ion Ratio Lower Upper
105 100
120 26.0 20.1 30.1
77 17.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 4.514 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

Tgt Ion: 75 Resp: 37130
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8
110 36.0 27.9 41.9

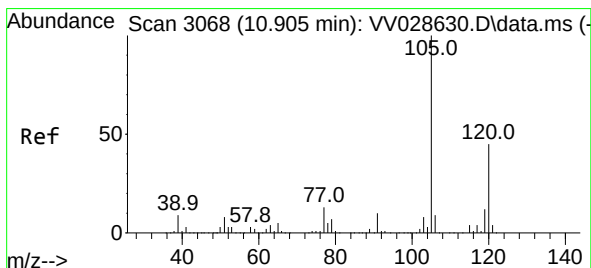
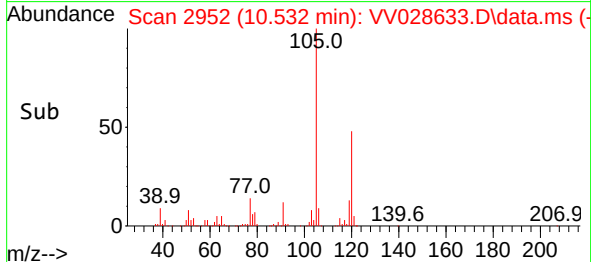
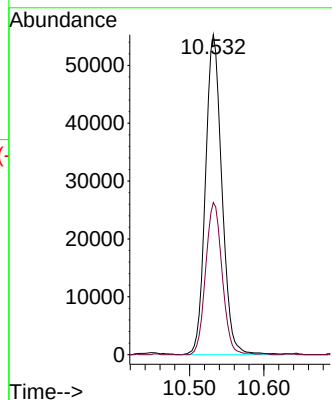
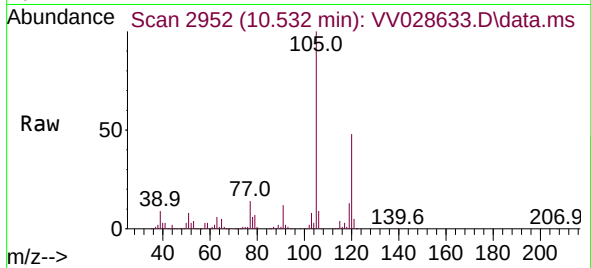




#62
1,3,5-Trimethylbenzene
Concen: 4.657 ug/L
RT: 10.532 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

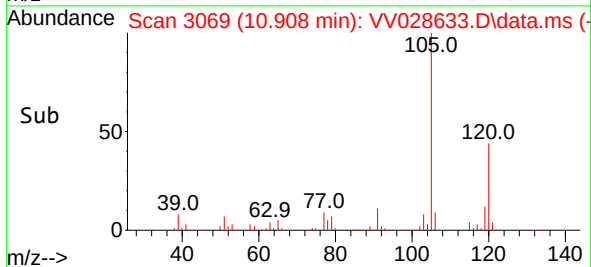
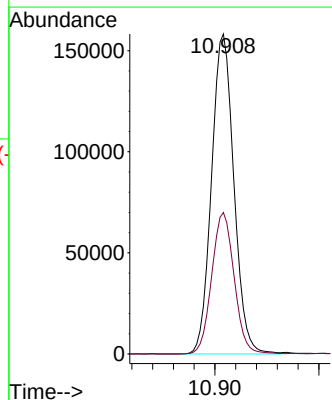
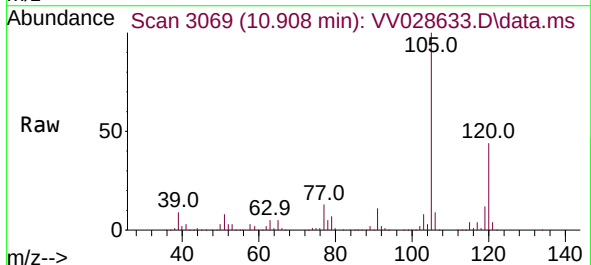
Instrument :
MSVOA_V
ClientSampleId :
VICV269

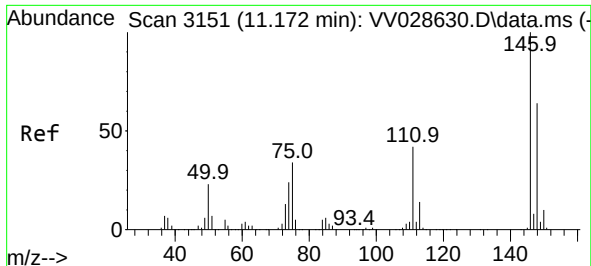
Tgt Ion:105 Resp: 84858
Ion Ratio Lower Upper
105 100
120 47.7 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 4.813 ug/L
RT: 10.908 min Scan# 3069
Delta R.T. 0.003 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

Tgt Ion:105 Resp: 236178
Ion Ratio Lower Upper
105 100
120 44.4 36.2 54.2

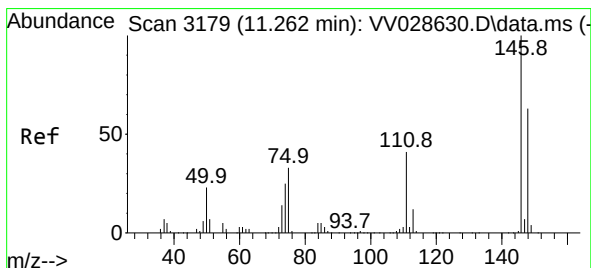
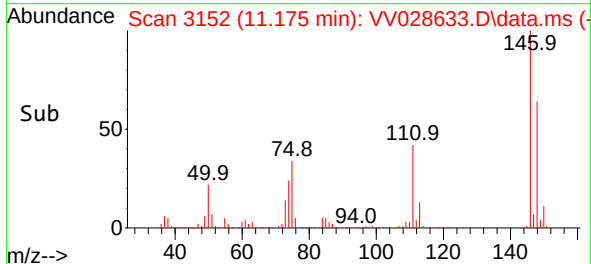
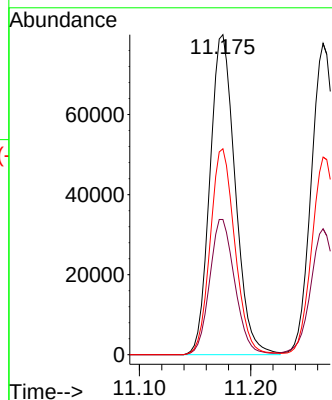
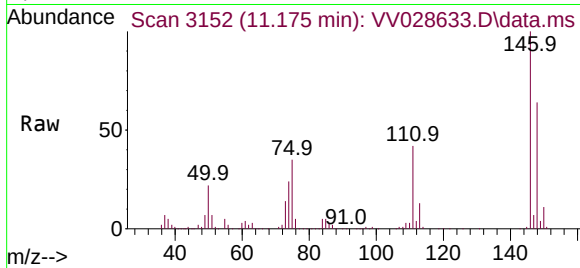




#64
 1,3-Dichlorobenzene
 Concen: 5.023 ug/L
 RT: 11.175 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VV028633.D
 Acq: 20 Oct 2022 13:45

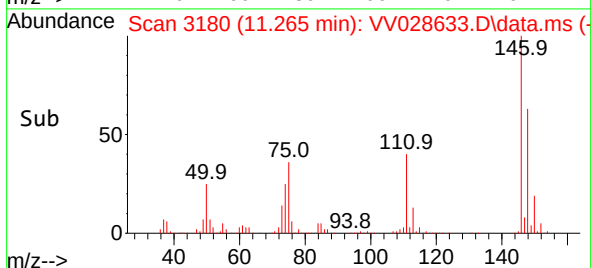
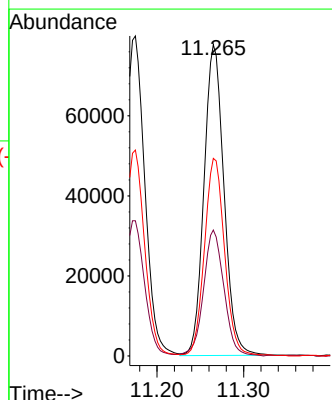
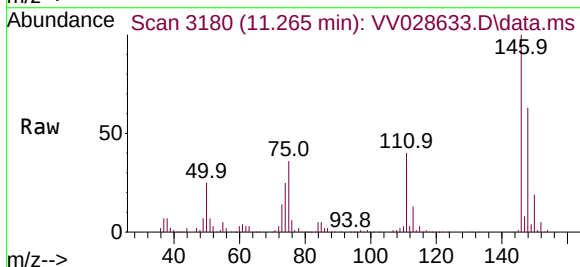
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV269

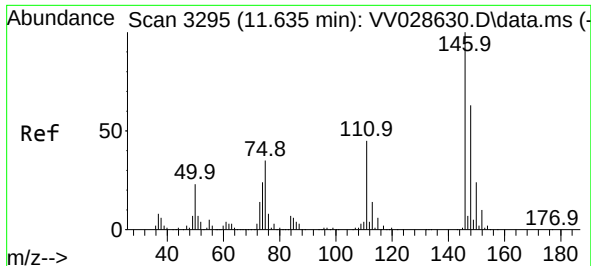
Tgt Ion:146 Resp: 126128
 Ion Ratio Lower Upper
 146 100
 111 42.3 29.0 53.9
 148 64.4 44.5 82.7



#65
 1,4-Dichlorobenzene
 Concen: 4.908 ug/L
 RT: 11.265 min Scan# 3180
 Delta R.T. 0.003 min
 Lab File: VV028633.D
 Acq: 20 Oct 2022 13:45

Tgt Ion:146 Resp: 124438
 Ion Ratio Lower Upper
 146 100
 111 40.5 28.6 53.2
 148 63.5 44.3 82.3

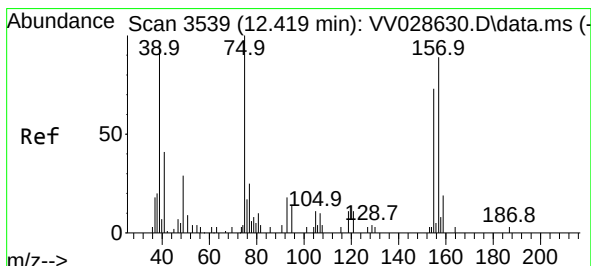
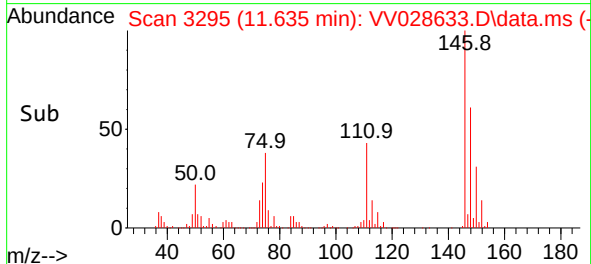
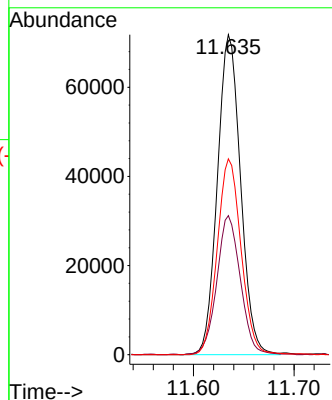
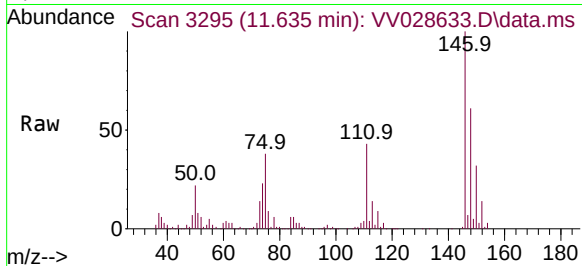




#67
1,2-Dichlorobenzene
Concen: 4.921 ug/L
RT: 11.635 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

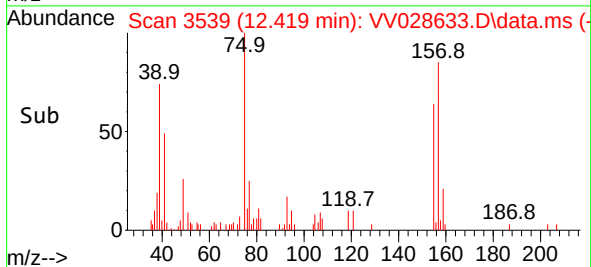
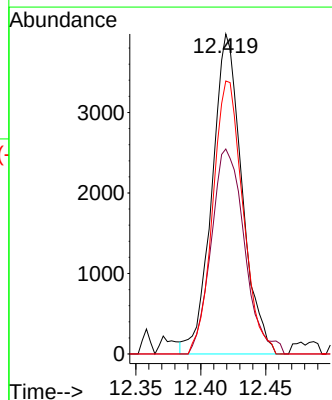
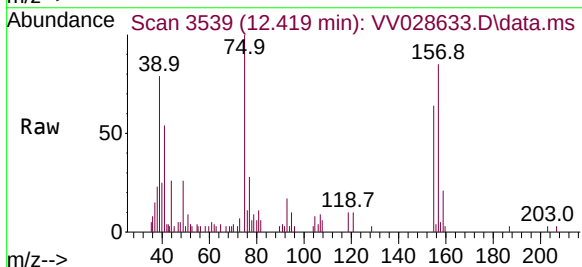
Instrument :
MSVOA_V
ClientSampleId :
VICV269

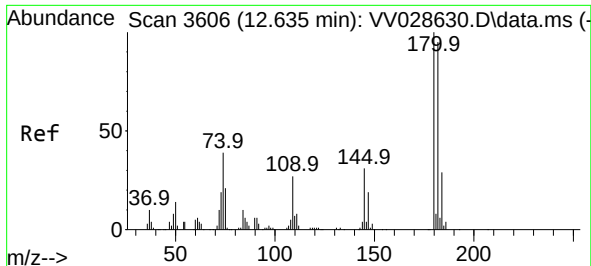
Tgt Ion:146 Resp: 114919
Ion Ratio Lower Upper
146 100
111 43.4 36.2 54.4
148 61.2 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.420 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VV028633.D
Acq: 20 Oct 2022 13:45

Tgt Ion: 75 Resp: 6375
Ion Ratio Lower Upper
75 100
155 64.1 58.2 87.2
157 85.3 71.5 107.3

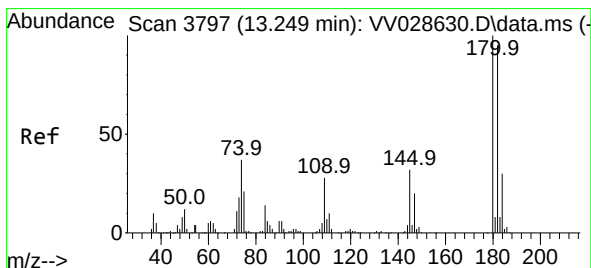
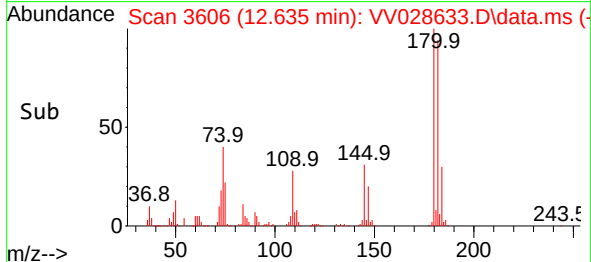
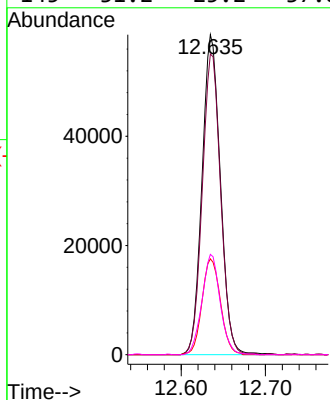
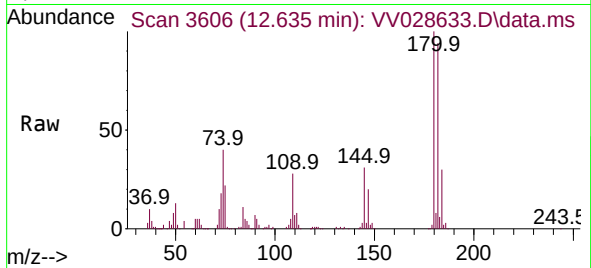




#69
 1,3,5-Trichlorobenzene
 Concen: 4.968 ug/L
 RT: 12.635 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VV028633.D
 Acq: 20 Oct 2022 13:45

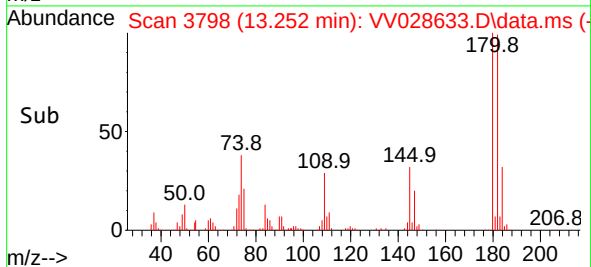
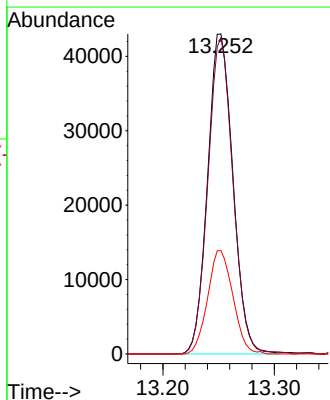
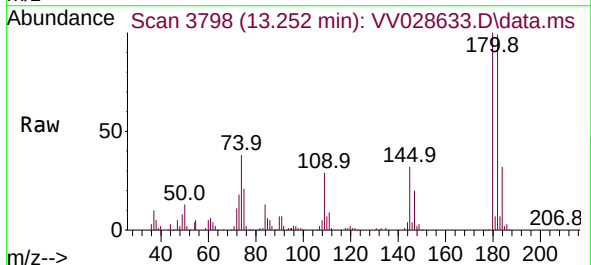
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV269

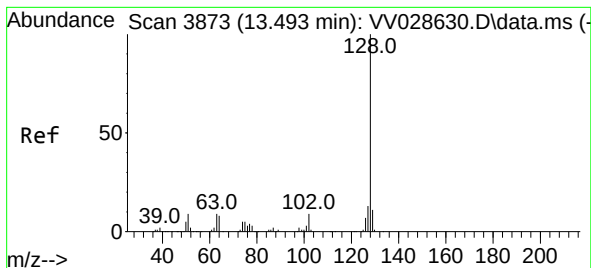
Tgt Ion:180	Resp:	88851
Ion Ratio	Lower	Upper
180	100	
182	94.1	76.6 114.8
184	30.1	24.3 36.5
145	31.2	25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.832 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. 0.003 min
 Lab File: VV028633.D
 Acq: 20 Oct 2022 13:45

Tgt Ion:180	Resp:	68085
Ion Ratio	Lower	Upper
180	100	
182	97.7	74.7 112.1
145	32.2	25.5 38.3





#71

Naphthalene

Concen: 4.320 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV028633.D

Acq: 20 Oct 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

VICV269

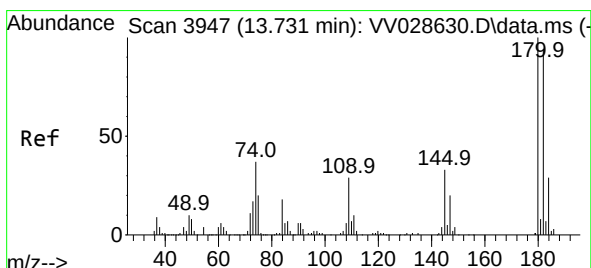
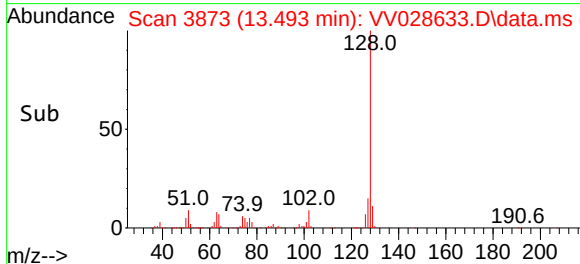
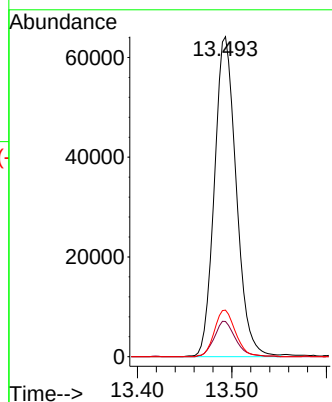
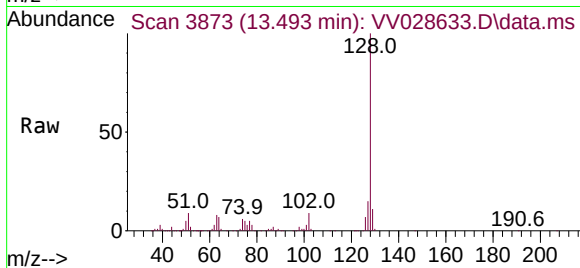
Tgt Ion:128 Resp: 102925

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 14.1 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.829 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.003 min

Lab File: VV028633.D

Acq: 20 Oct 2022 13:45

Tgt Ion:180 Resp: 59457

Ion Ratio Lower Upper

180 100

182 95.6 73.4 110.0

145 34.1 26.3 39.5

