

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023513.D
 Acq On : 16 Nov 2021 03:30
 Operator : SY/MD
 Sample : M4694-05MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4651MSD

Quant Time: Nov 16 05:18:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:06:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133670	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	131249	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71643	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41832	4.996	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.571	69	32332	4.737	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.111	63	74817	4.773	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	3.905	46	81332	56.376	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.760%
24) Chloroform-d	4.349	84	79541	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.037	65	37034	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.053	84	152425	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.072	67	42660	4.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.317	98	146487	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.625	79	16700	4.443	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.091	63	61795	44.681	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32153	4.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	53910	4.519	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	53883	4.134	ug/L	100
3) Chloromethane	1.243	50	50464	4.554	ug/L	97
5) Vinyl chloride	1.314	62	201774	18.231	ug/L	100
6) Bromomethane	1.526	94	25480	3.602	ug/L	99
8) Chloroethane	1.587	64	30431	4.765	ug/L	96
9) Trichlorofluoromethane	1.754	101	77616	4.667	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	39707	4.743	ug/L	98
12) 1,1-Dichloroethene	2.121	96	38231	4.796	ug/L	94
13) Acetone	2.195	43	57154	64.836	ug/L	67
14) Carbon disulfide	2.297	76	126279	4.198	ug/L	99
15) Methyl Acetate	2.445	43	12431	4.983	ug/L	90
16) Methylene chloride	2.510	84	42647	3.666	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	5303773	302.266	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	59344	6.056	ug/L	96
19) 1,1-Dichloroethane	3.191	63	100566	6.079	ug/L	99
21) 2-Butanone	3.985	43	84870	59.550	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	56817	6.025	ug/L	# 87
23) Bromochloromethane	4.252	128	19982	4.595	ug/L	# 80
25) Chloroform	4.378	83	79515	4.509	ug/L	97

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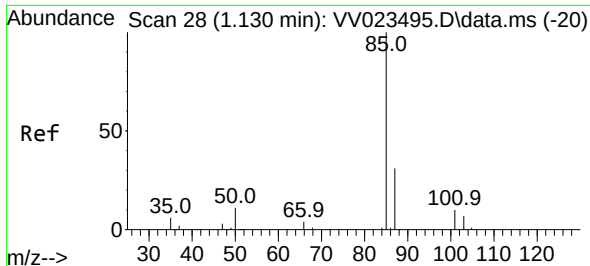
Quant Time: Nov 16 05:18:54 2021
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	45392	4.839	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	72240	4.532	ug/L	99
30) Cyclohexane	4.680	56	62136	4.350	ug/L	98
31) Carbon tetrachloride	4.828	117	65639	4.585	ug/L	97
33) Benzene	5.101	78	184801	5.038	ug/L	100
34) Trichloroethene	5.915	95	43602	4.470	ug/L	97
35) Methylcyclohexane	6.130	83	64337	4.178	ug/L	95
37) 1,2-Dichloropropane	6.175	63	40834	4.768	ug/L	98
38) Bromodichloromethane	6.510	83	53195	4.635	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	53634	4.354	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	211137	53.157	ug/L	98
42) Toluene	7.387	91	187759	4.785	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	46397	4.540	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	28880	4.693	ug/L	99
47) Tetrachloroethene	7.976	164	37563	4.443	ug/L	98
48) 2-Hexanone	8.140	43	154751	55.602	ug/L	97
49) Dibromochloromethane	8.246	129	35635	4.570	ug/L	98
50) 1,2-Dibromoethane	8.355	107	26285	4.609	ug/L	99
51) Chlorobenzene	8.882	112	118100	4.528	ug/L	99
52) Ethylbenzene	9.014	91	189929	4.589	ug/L	97
53) m,p-xylene	9.140	106	75663	4.659	ug/L	99
54) o-xylene	9.545	106	72112	4.733	ug/L	96
55) Styrene	9.561	104	125559	4.810	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	32287	4.789	ug/L	98
59) Bromoform	9.731	173	19399	4.533	ug/L #	97
60) Isopropylbenzene	9.931	105	194864	4.740	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23233	4.882	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	159678	4.684	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	159534	4.702	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	97295	4.632	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	97417	4.541	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	88044	4.684	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4397	4.337	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	73405	4.463	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	56562	4.294	ug/L	99
71) Naphthalene	13.503	128	81946	4.219	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	51663	4.483	ug/L	99

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

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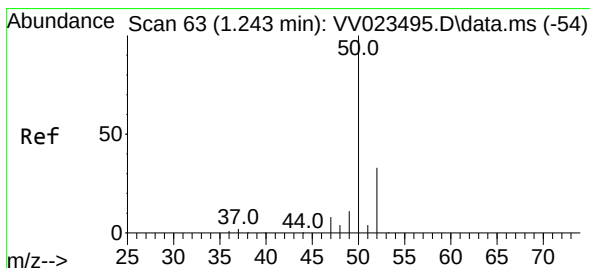
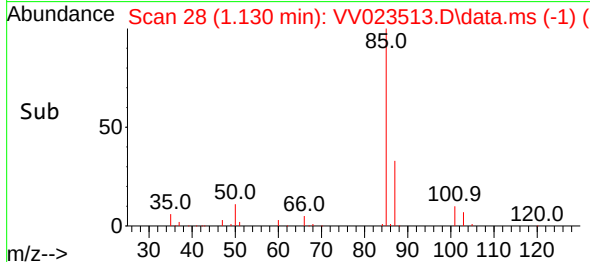
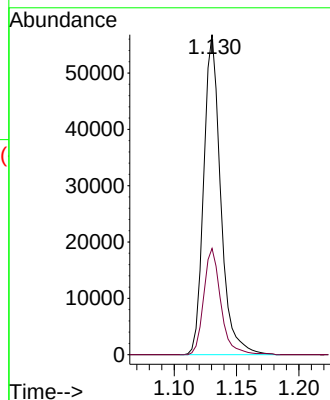
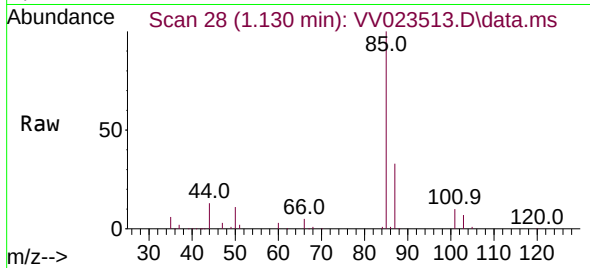




#2
Dichlorodifluoromethane
Concen: 4.134 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

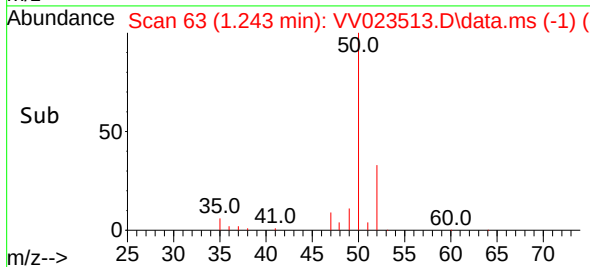
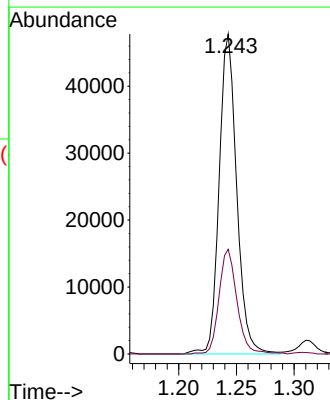
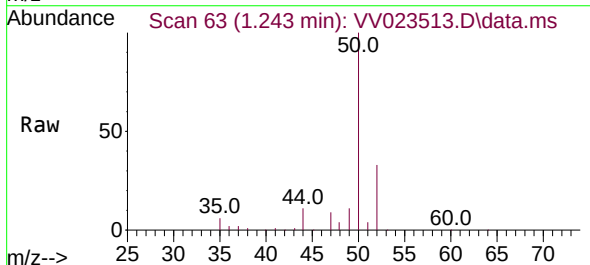
Instrument :
MSVOA_V
ClientSampleId :
H4651MSD

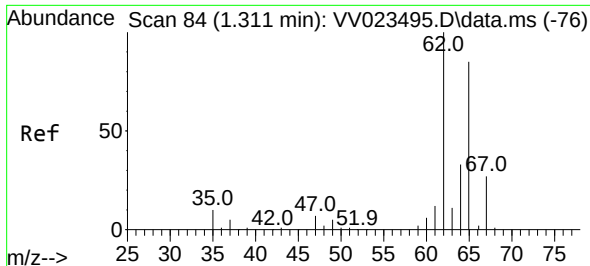
Tgt Ion: 85 Resp: 53883
Ion Ratio Lower Upper
85 100
87 33.5 26.6 39.8



#3
Chloromethane
Concen: 4.554 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Tgt Ion: 50 Resp: 50464
Ion Ratio Lower Upper
50 100
52 32.7 24.3 45.1

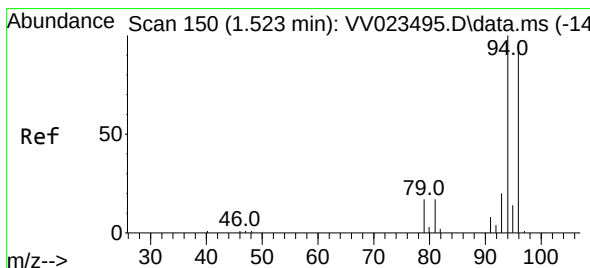
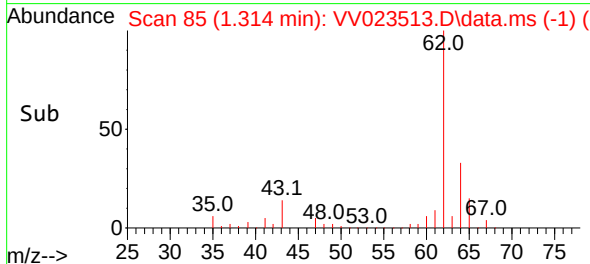
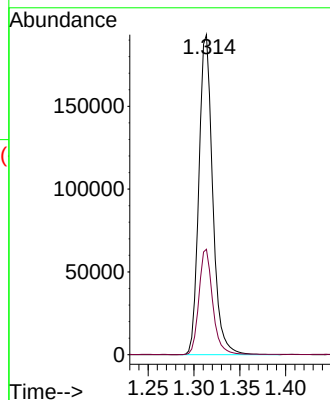
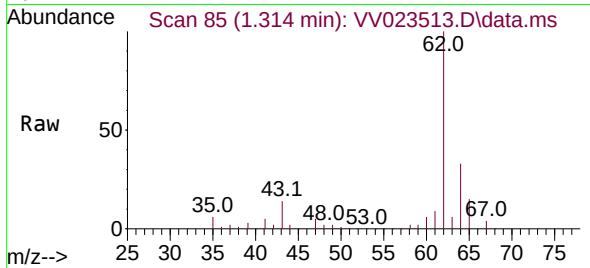




#5
 Vinyl chloride
 Concen: 18.231 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023513.D
 Acq: 16 Nov 2021 03:30

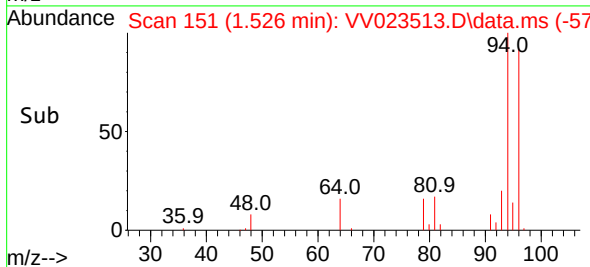
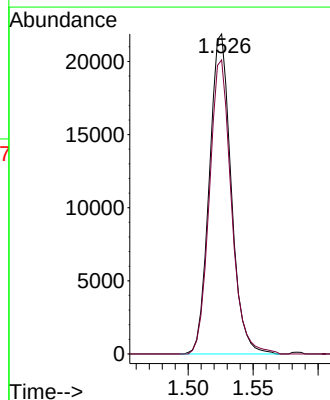
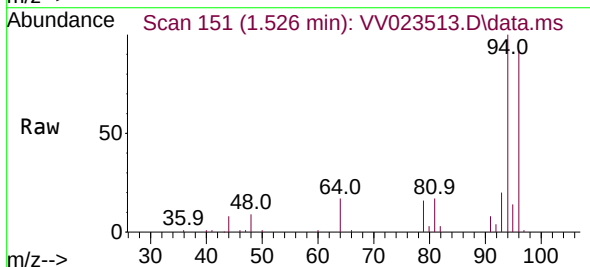
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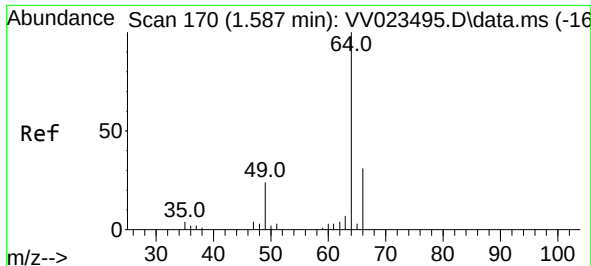
Tgt Ion: 62 Resp: 201774
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#6
 Bromomethane
 Concen: 3.602 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV023513.D
 Acq: 16 Nov 2021 03:30

Tgt Ion: 94 Resp: 25480
 Ion Ratio Lower Upper
 94 100
 96 91.9 65.0 120.8

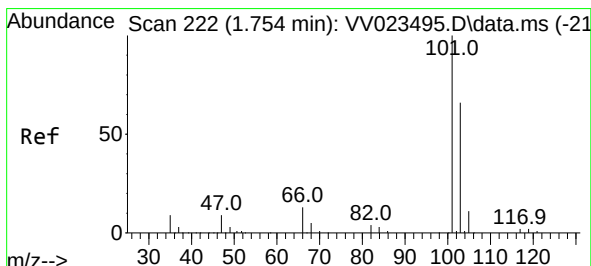
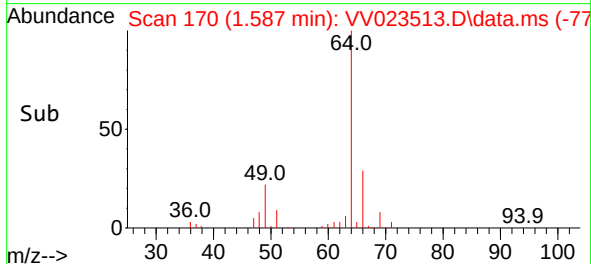
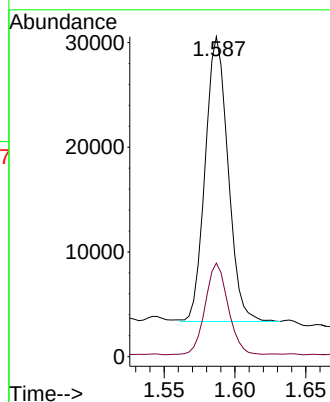
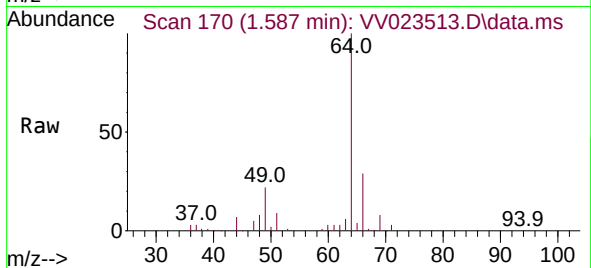




#8
Chloroethane
Concen: 4.765 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

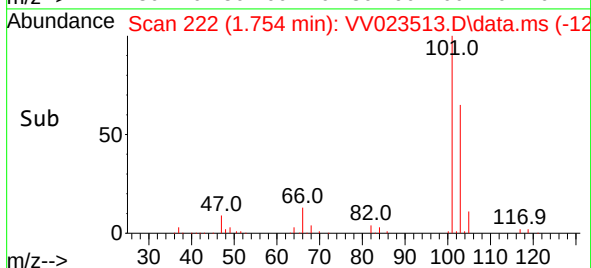
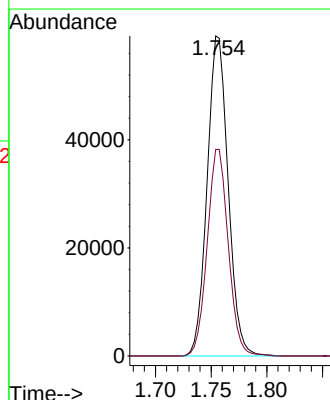
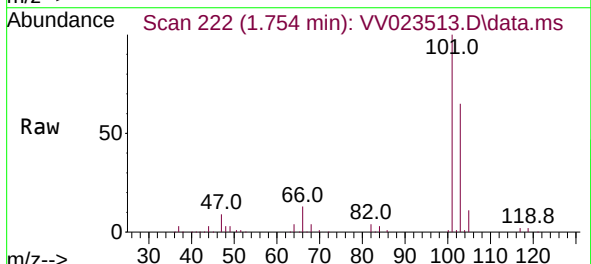
Instrument :
MSVOA_V
ClientSampleId :
H4651MSD

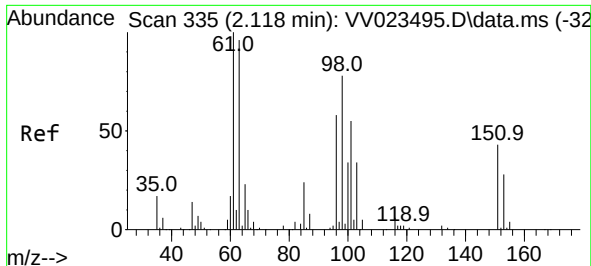
Tgt Ion: 64 Resp: 30431
Ion Ratio Lower Upper
64 100
66 29.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.667 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Tgt Ion:101 Resp: 77616
Ion Ratio Lower Upper
101 100
103 64.7 52.6 79.0

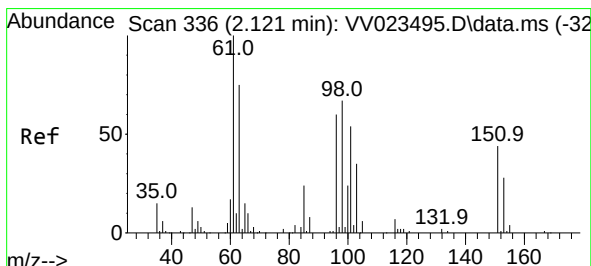
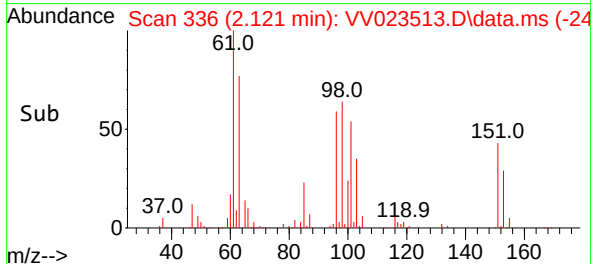
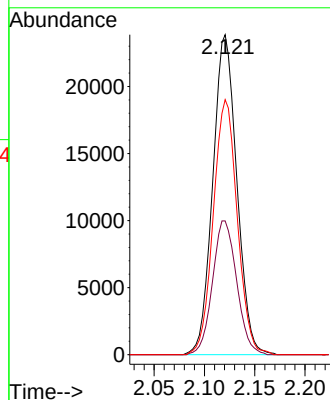
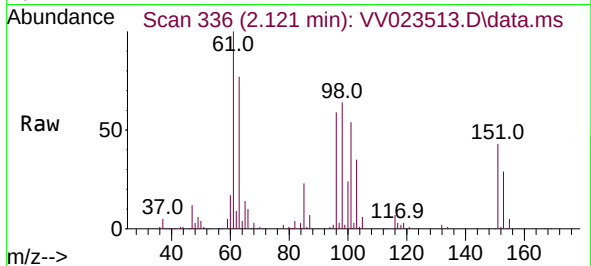




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.743 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

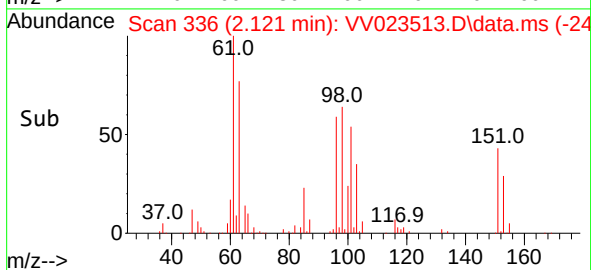
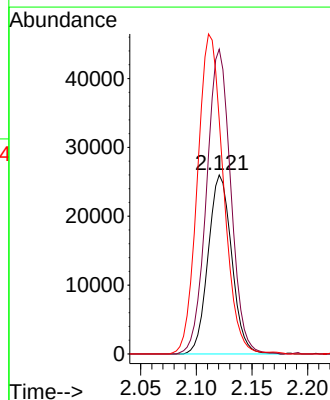
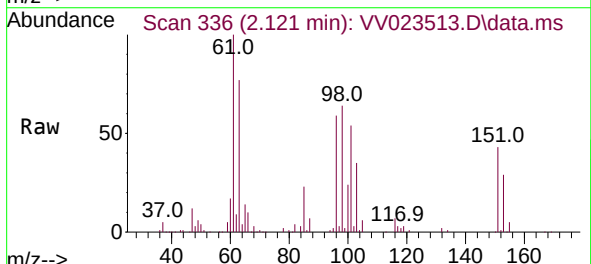
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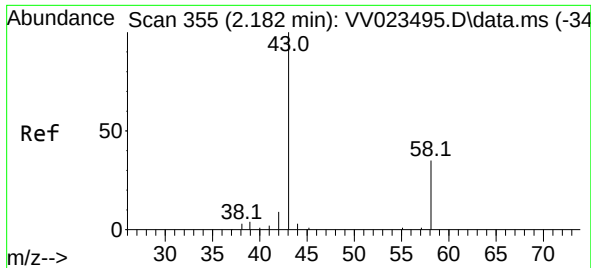
Tgt Ion:101 Resp: 39707
Ion Ratio Lower Upper
101 100
85 42.1 35.3 52.9
151 79.4 62.2 93.2



#12
1,1-Dichloroethene
Concen: 4.796 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Tgt Ion: 96 Resp: 38231
Ion Ratio Lower Upper
96 100
61 170.3 121.5 225.7
63 130.7 99.6 185.0





#13

Acetone

Concen: 64.836 ug/L

RT: 2.195 min Scan# 359

Delta R.T. 0.013 min

Lab File: VV023513.D

Acq: 16 Nov 2021 03:30

Instrument :

MSVOA_V

ClientSampleId :

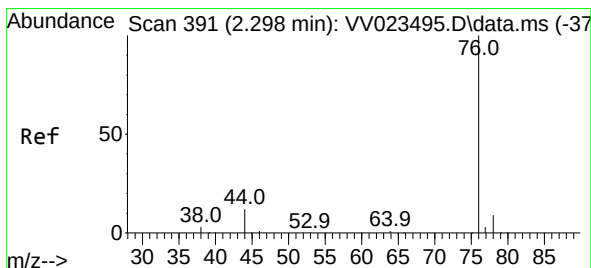
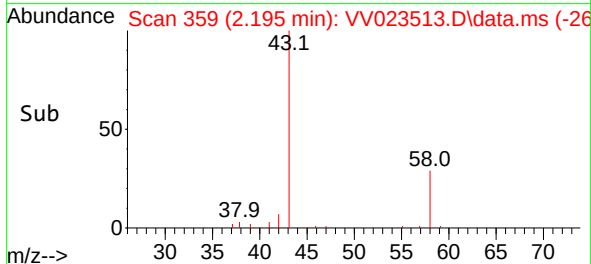
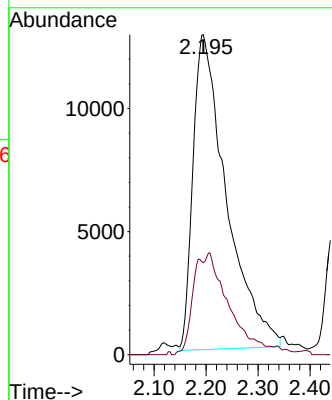
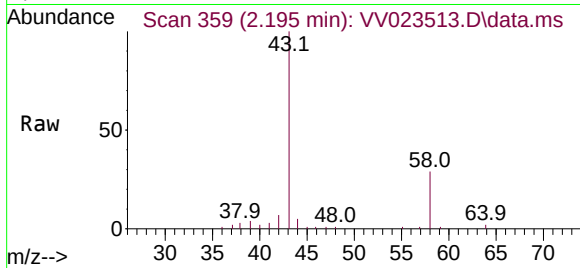
H4651MSD

Tgt Ion: 43 Resp: 57154

Ion Ratio Lower Upper

43 100

58 10.7 0.0 55.4



#14

Carbon disulfide

Concen: 4.198 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV023513.D

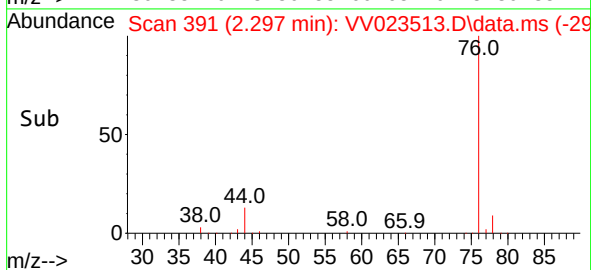
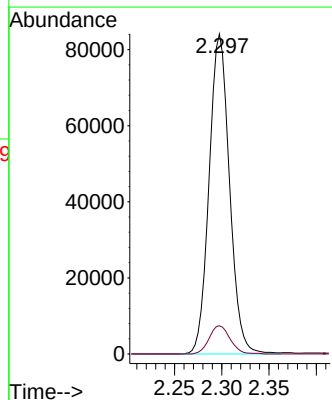
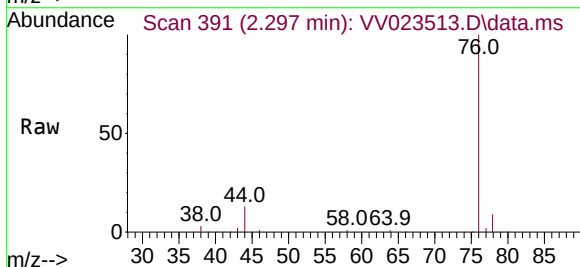
Acq: 16 Nov 2021 03:30

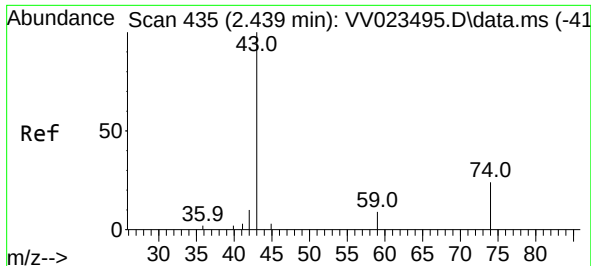
Tgt Ion: 76 Resp: 126279

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8

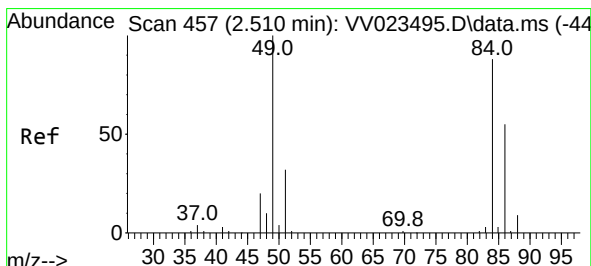
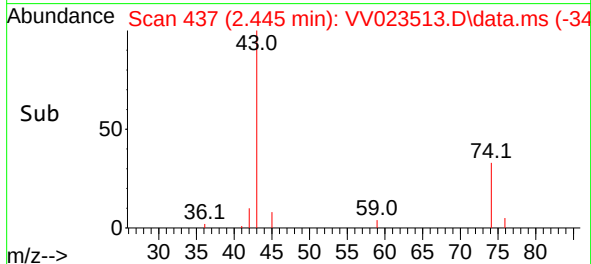
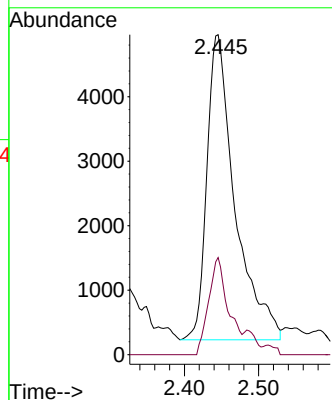
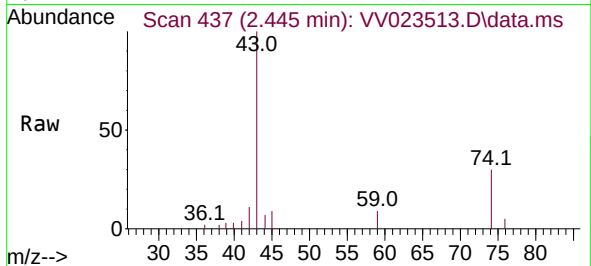




#15
Methyl Acetate
Concen: 4.983 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

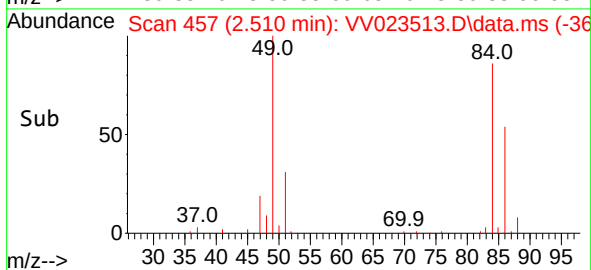
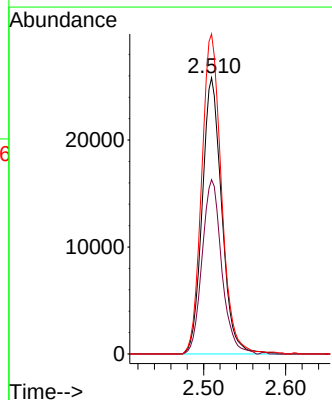
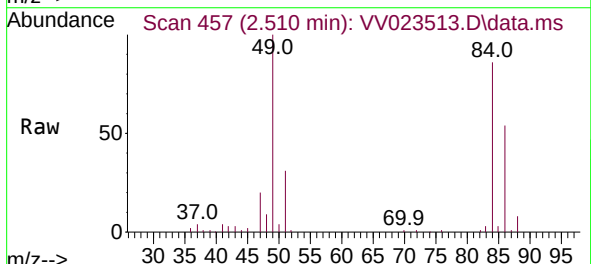
Instrument :
MSVOA_V
ClientSampleId :
H4651MSD

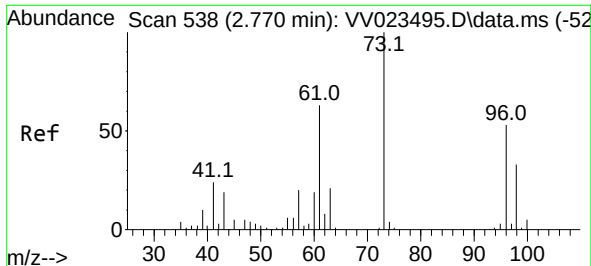
Tgt Ion: 43 Resp: 12431
Ion Ratio Lower Upper
43 100
74 22.3 22.2 33.2



#16
Methylene chloride
Concen: 3.666 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Tgt Ion: 84 Resp: 42647
Ion Ratio Lower Upper
84 100
86 63.1 42.3 78.5
49 115.9 79.7 148.1

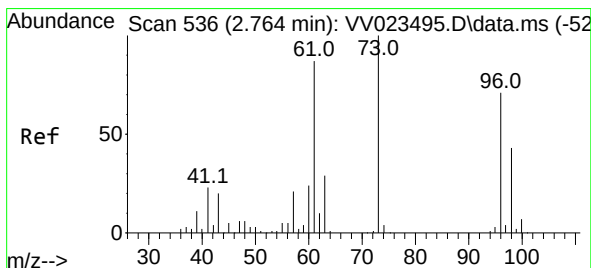
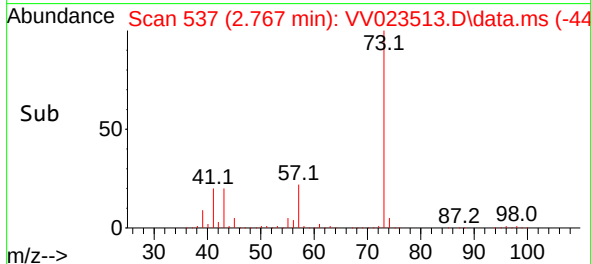
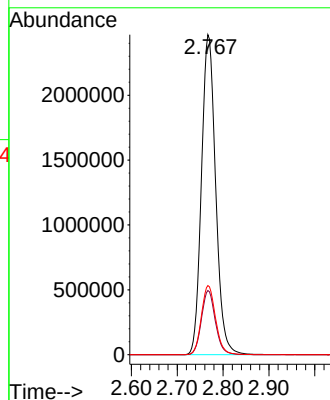
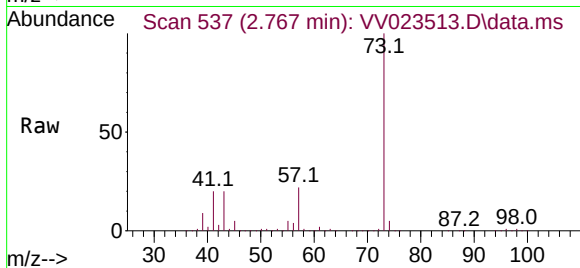




#17
Methyl tert-butyl Ether
Concen: 302.266 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

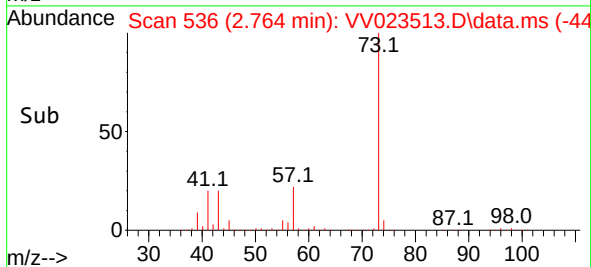
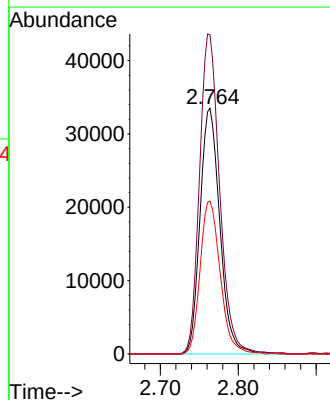
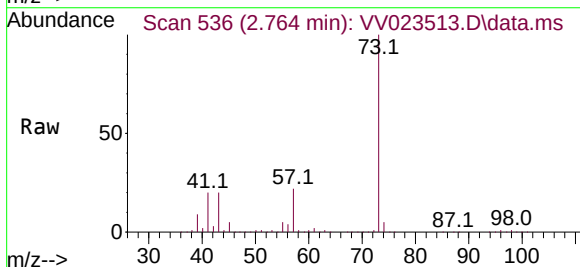
Instrument :
MSVOA_V
ClientSampleId :
H4651MSD

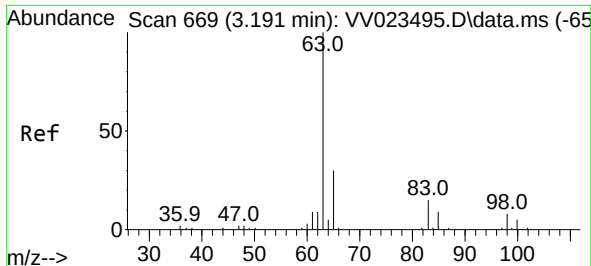
Tgt Ion: 73 Resp: 5303773
Ion Ratio Lower Upper
73 100
43 19.6 17.4 26.0
57 21.6 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 6.056 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Tgt Ion: 96 Resp: 59344
Ion Ratio Lower Upper
96 100
61 130.0 93.2 173.2
98 62.3 47.0 87.2





#19

1,1-Dichloroethane

Concen: 6.079 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

Lab File: VV023513.D

Acq: 16 Nov 2021 03:30

Instrument :

MSVOA_V

ClientSampleId :

H4651MSD

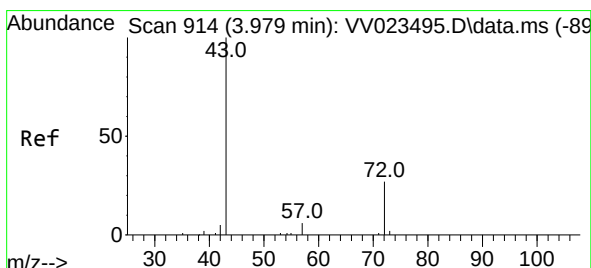
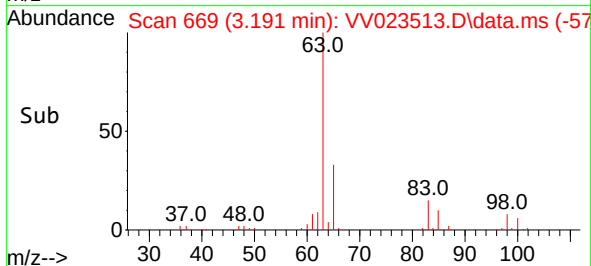
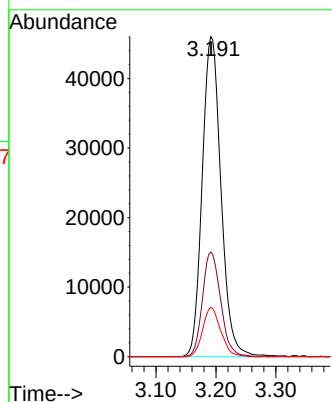
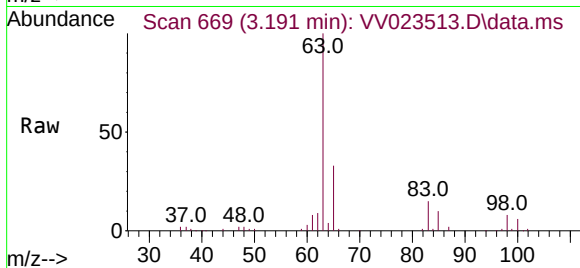
Tgt Ion: 63 Resp: 100566

Ion Ratio Lower Upper

63 100

65 32.7 22.6 42.0

83 15.4 11.1 20.7



#21

2-Butanone

Concen: 59.550 ug/L

RT: 3.985 min Scan# 916

Delta R.T. 0.006 min

Lab File: VV023513.D

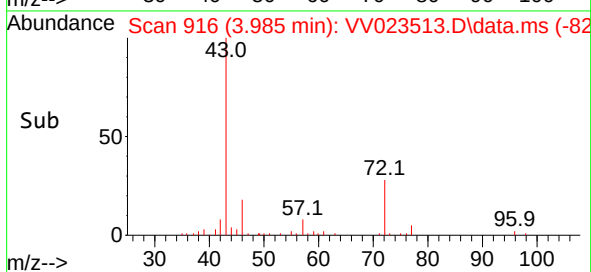
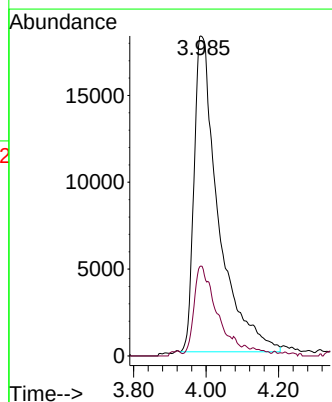
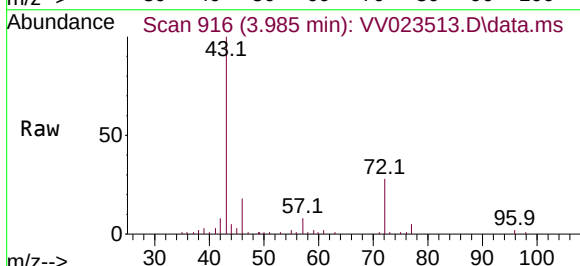
Acq: 16 Nov 2021 03:30

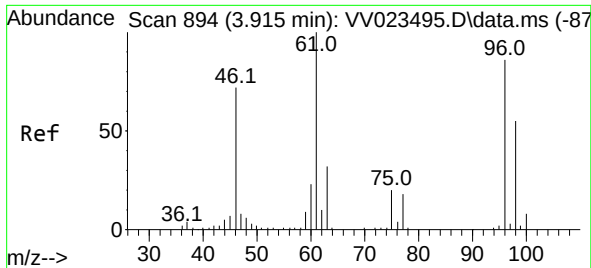
Tgt Ion: 43 Resp: 84870

Ion Ratio Lower Upper

43 100

72 23.9 11.9 35.9

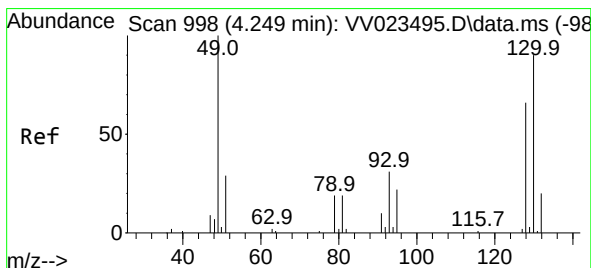
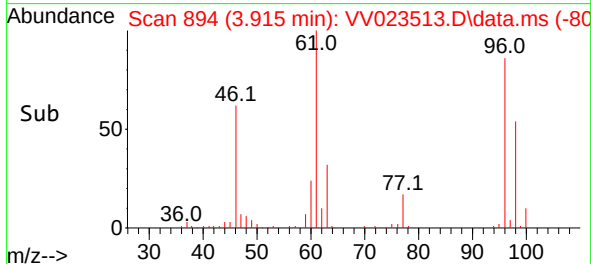
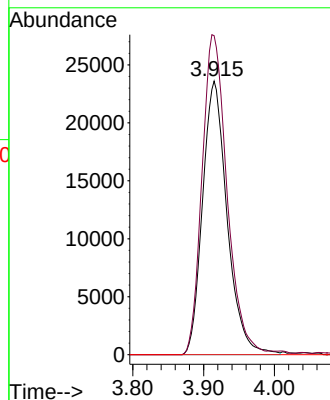
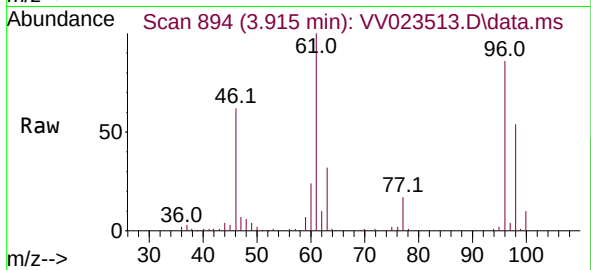




#22
cis-1,2-Dichloroethene
Concen: 6.025 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

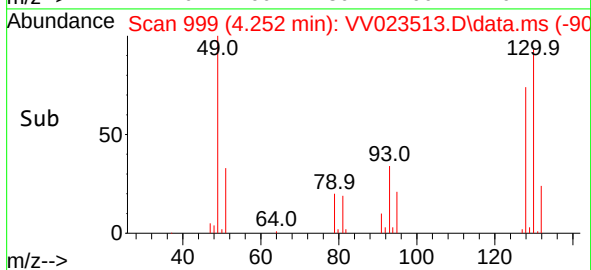
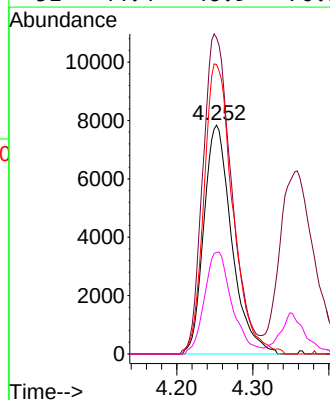
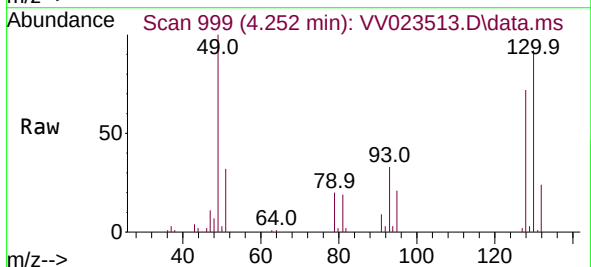
Instrument :
MSVOA_V
ClientSampleId :
H4651MSD

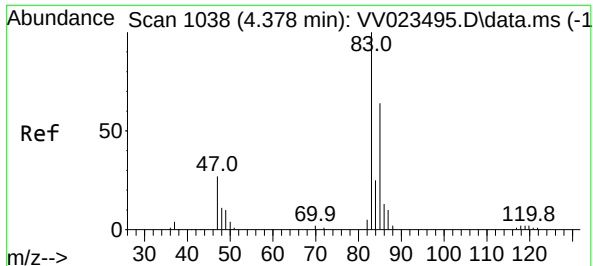
Tgt Ion: 96 Resp: 56817
Ion Ratio Lower Upper
96 100
61 116.6 92.3 171.3
68 0.0 0.4 0.8#



#23
Bromochloromethane
Concen: 4.595 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Tgt Ion:128 Resp: 19982
Ion Ratio Lower Upper
128 100
49 138.2 126.1 234.3
130 126.5 95.2 176.8
51 44.4 46.9 70.3#





#25

Chloroform

Concen: 4.509 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV023513.D

Acq: 16 Nov 2021 03:30

Instrument :

MSVOA_V

ClientSampleId :

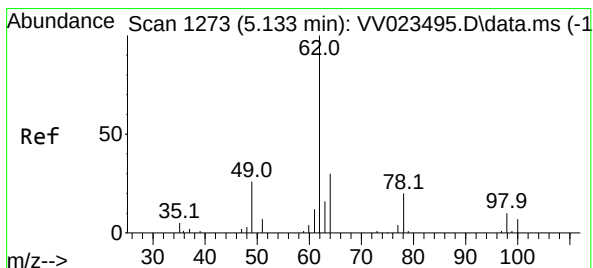
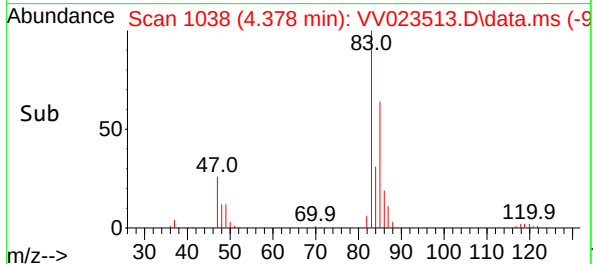
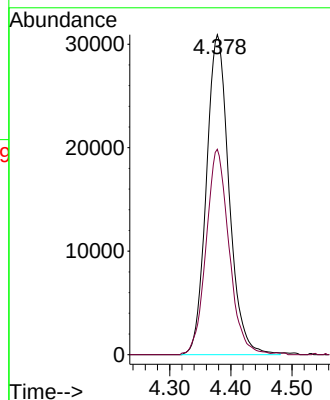
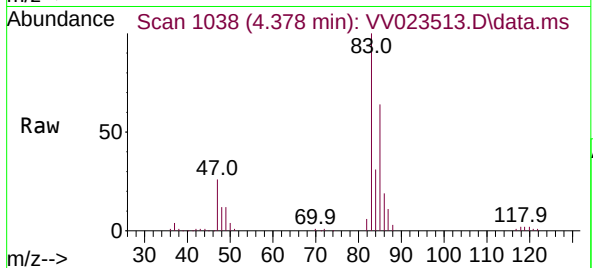
H4651MSD

Tgt Ion: 83 Resp: 79515

Ion Ratio Lower Upper

83 100

85 64.2 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.839 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VV023513.D

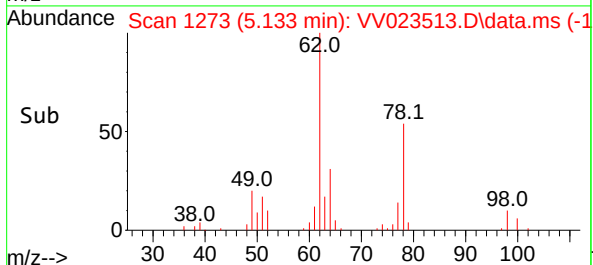
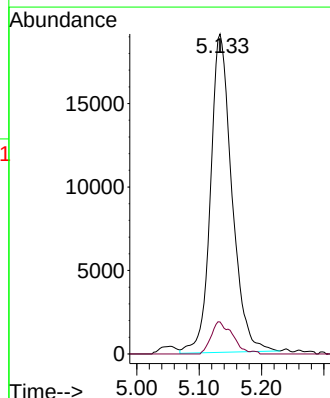
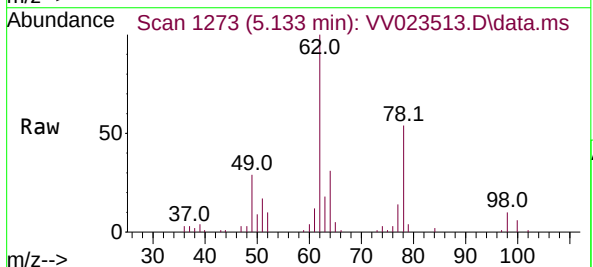
Acq: 16 Nov 2021 03:30

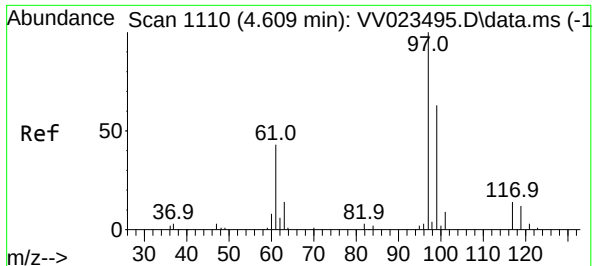
Tgt Ion: 62 Resp: 45392

Ion Ratio Lower Upper

62 100

98 10.0 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.532 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV023513.D

Acq: 16 Nov 2021 03:30

Instrument :

MSVOA_V

ClientSampleId :

H4651MSD

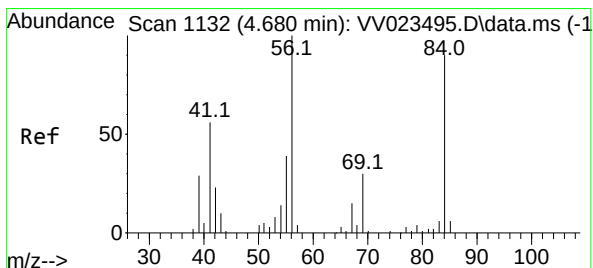
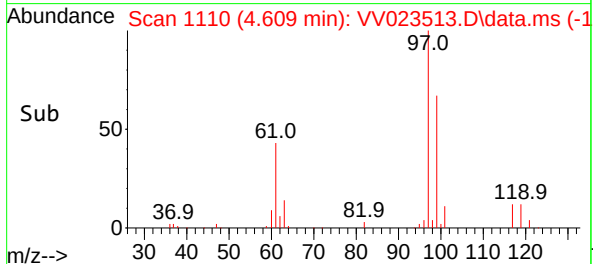
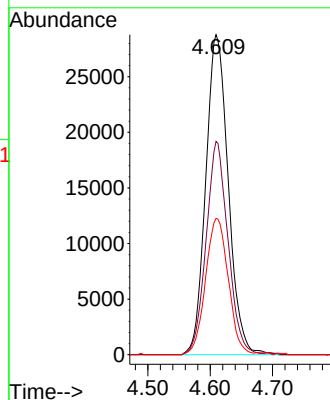
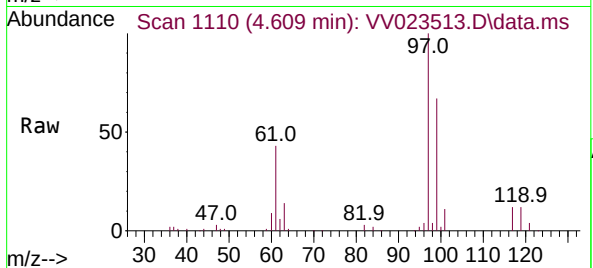
Tgt Ion: 97 Resp: 72240

Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

61 43.0 34.1 51.1



#30

Cyclohexane

Concen: 4.350 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV023513.D

Acq: 16 Nov 2021 03:30

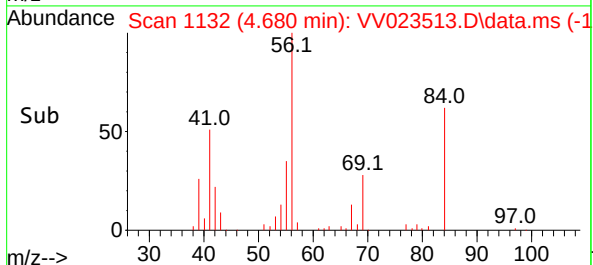
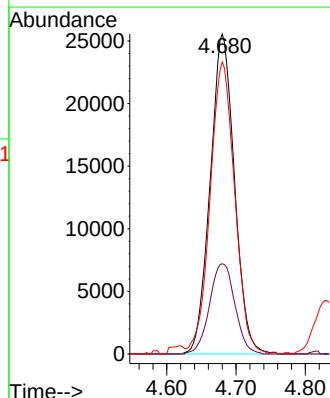
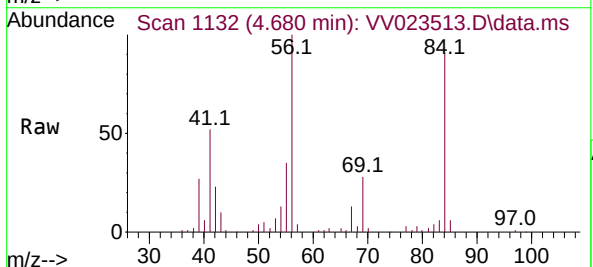
Tgt Ion: 56 Resp: 62136

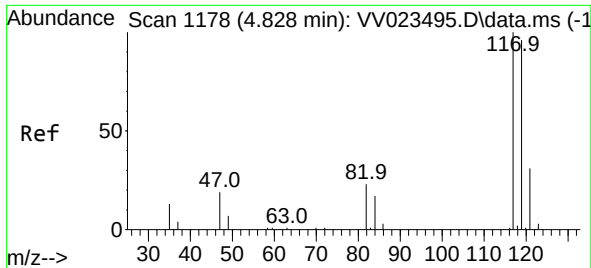
Ion Ratio Lower Upper

56 100

69 29.4 23.5 35.3

84 92.4 71.6 107.4

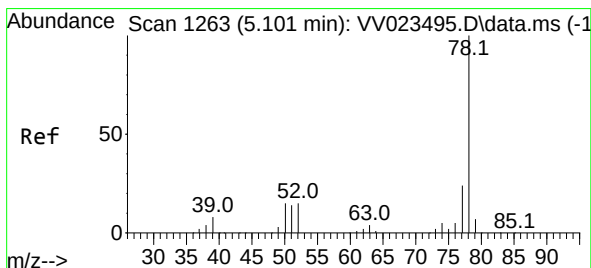
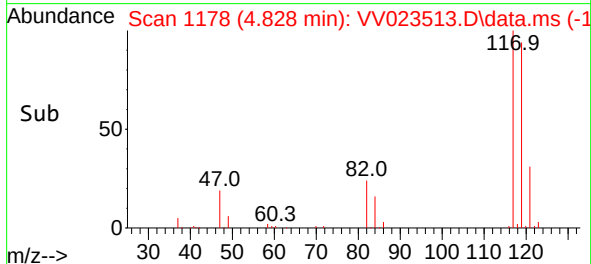
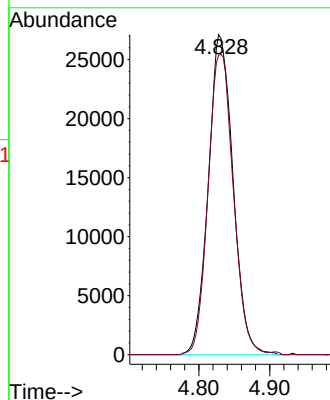
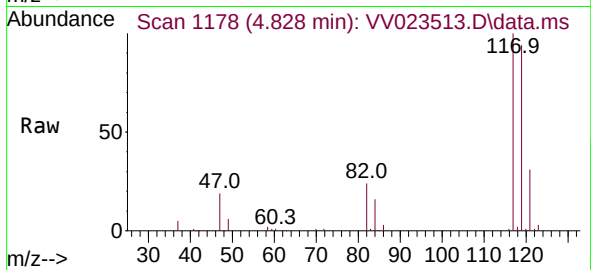




#31
Carbon tetrachloride
Concen: 4.585 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

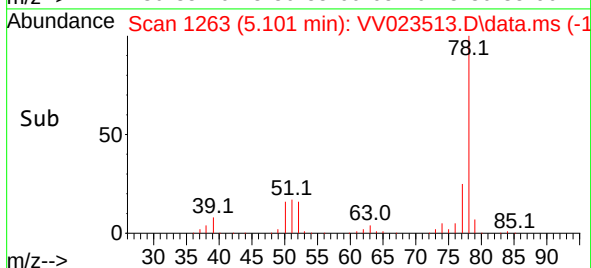
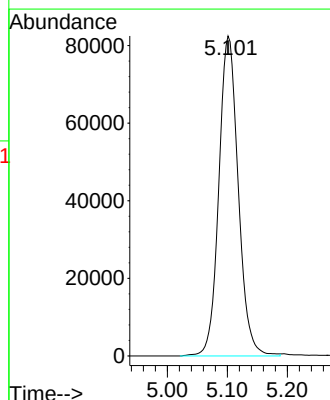
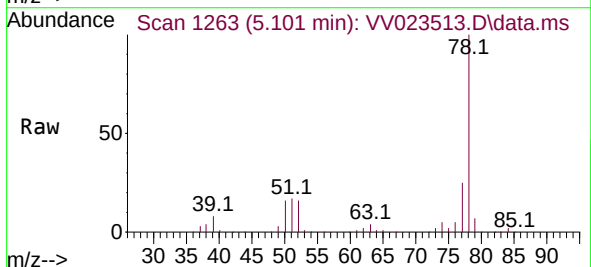
Instrument :
MSVOA_V
ClientSampleId :
H4651MSD

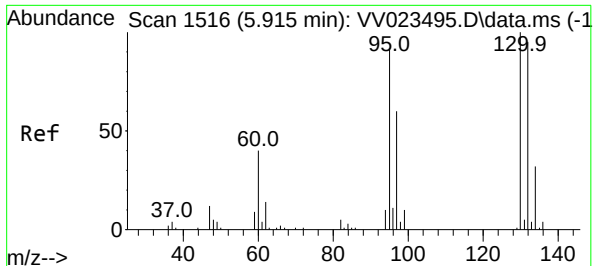
Tgt Ion:117 Resp: 65639
Ion Ratio Lower Upper
117 100
119 96.0 78.8 118.2



#33
Benzene
Concen: 5.038 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Tgt Ion: 78 Resp: 184801

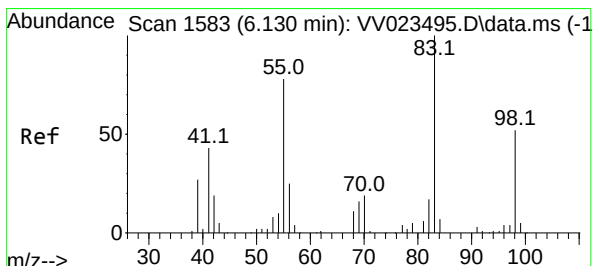
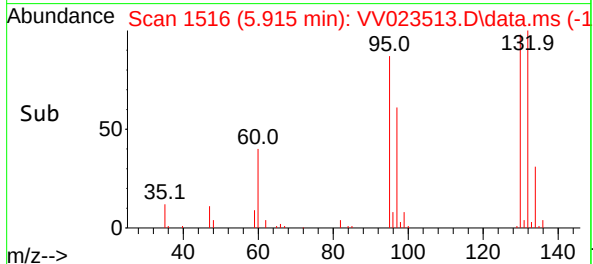
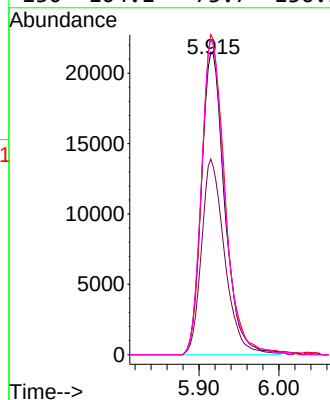
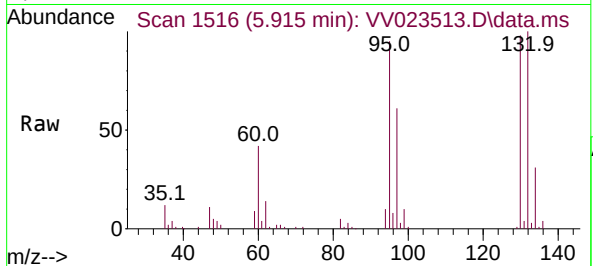




#34
Trichloroethene
Concen: 4.470 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

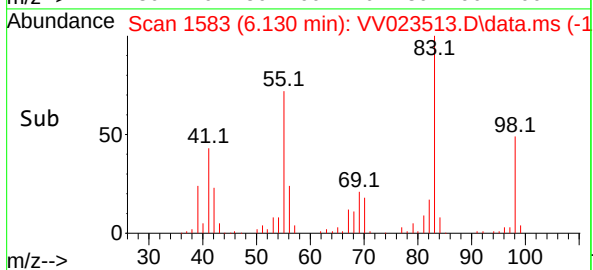
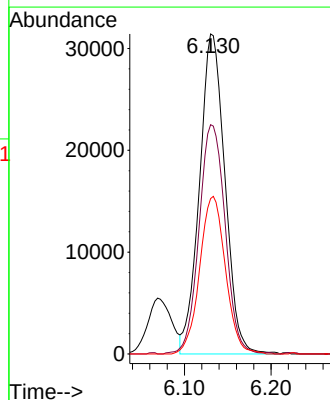
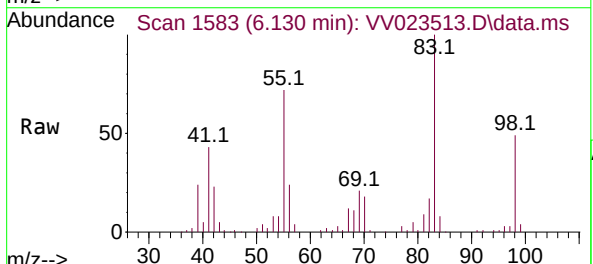
Instrument :
MSVOA_V
ClientSampleId :
H4651MSD

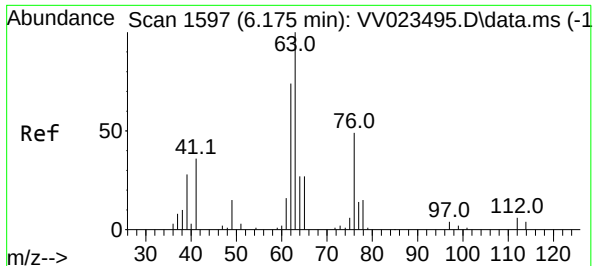
Tgt Ion: 95 Resp: 43602
Ion Ratio Lower Upper
95 100
97 64.7 45.0 83.6
132 105.8 69.7 129.4
130 104.1 73.7 136.9



#35
Methylcyclohexane
Concen: 4.178 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Tgt Ion: 83 Resp: 64337
Ion Ratio Lower Upper
83 100
55 73.4 62.8 94.2
98 49.8 37.9 56.9





#37

1,2-Dichloropropane

Concen: 4.768 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV023513.D

Acq: 16 Nov 2021 03:30

Instrument :

MSVOA_V

ClientSampleId :

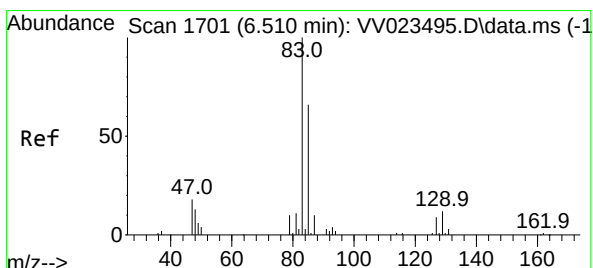
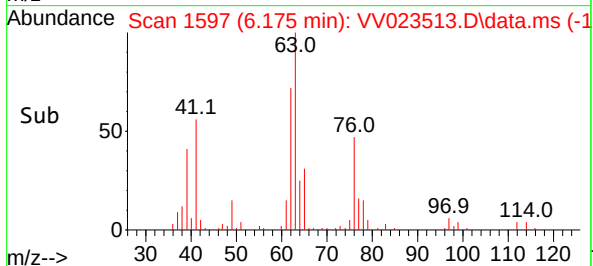
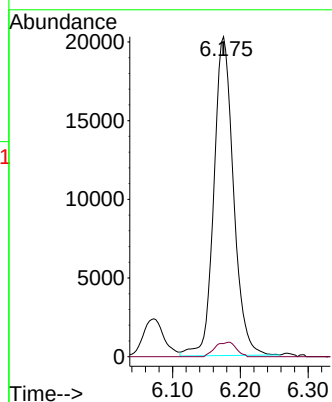
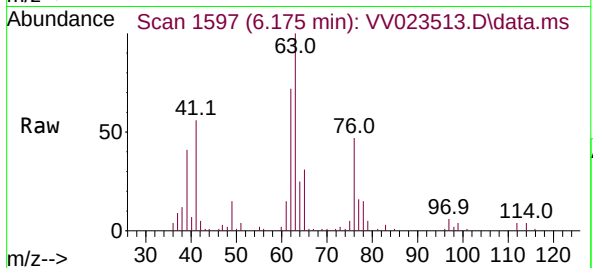
H4651MSD

Tgt Ion: 63 Resp: 40834

Ion Ratio Lower Upper

63 100

112 4.9 4.6 6.8



#38

Bromodichloromethane

Concen: 4.635 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV023513.D

Acq: 16 Nov 2021 03:30

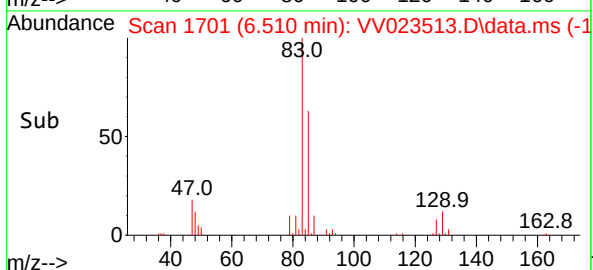
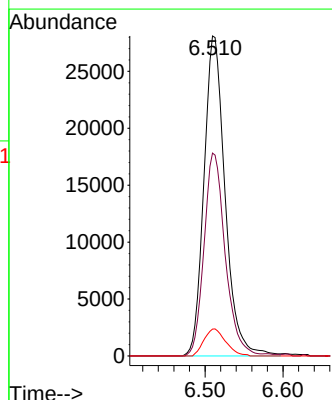
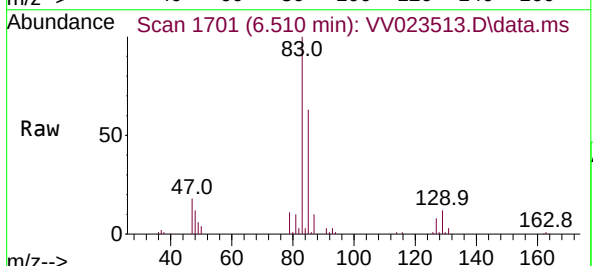
Tgt Ion: 83 Resp: 53195

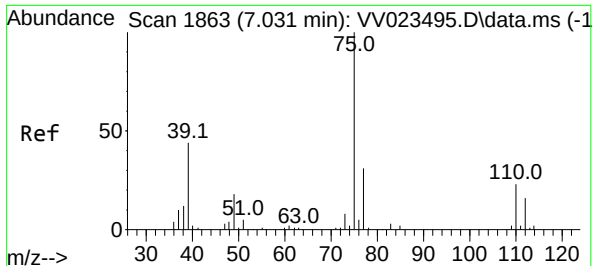
Ion Ratio Lower Upper

83 100

85 63.4 46.1 85.7

127 8.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.354 ug/L

RT: 7.027 min Scan# 1863

Delta R.T. -0.003 min

Lab File: VV023513.D

Acq: 16 Nov 2021 03:30

Instrument :

MSVOA_V

ClientSampleId :

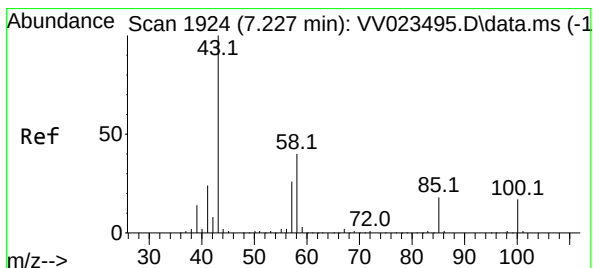
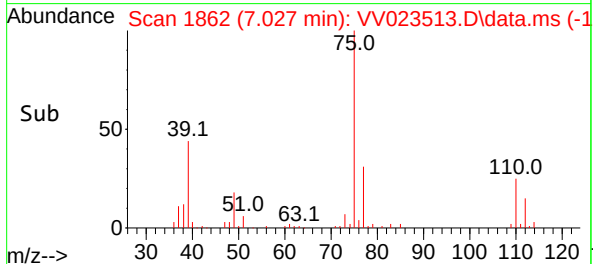
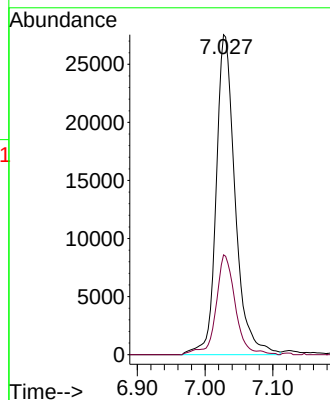
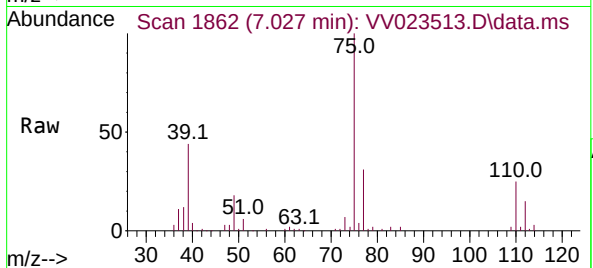
H4651MSD

Tgt Ion: 75 Resp: 53634

Ion Ratio Lower Upper

75 100

77 31.2 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 53.157 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV023513.D

Acq: 16 Nov 2021 03:30

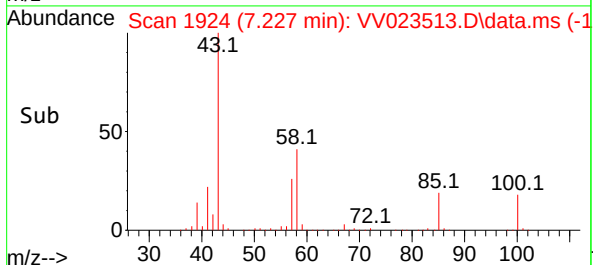
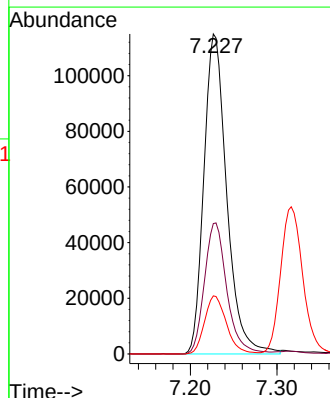
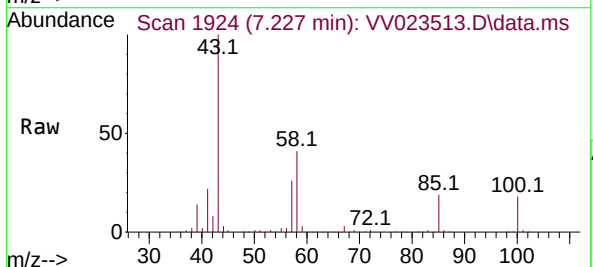
Tgt Ion: 43 Resp: 211137

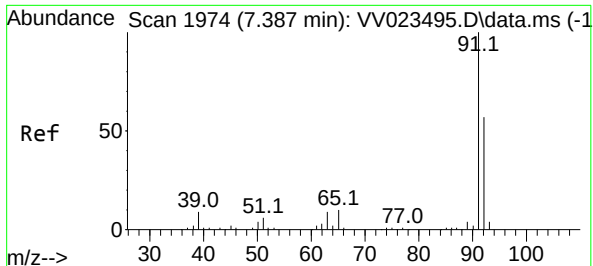
Ion Ratio Lower Upper

43 100

58 40.1 31.1 46.7

100 17.3 12.6 19.0





#42

Toluene

Concen: 4.785 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV023513.D

Acq: 16 Nov 2021 03:30

Instrument :

MSVOA_V

ClientSampleId :

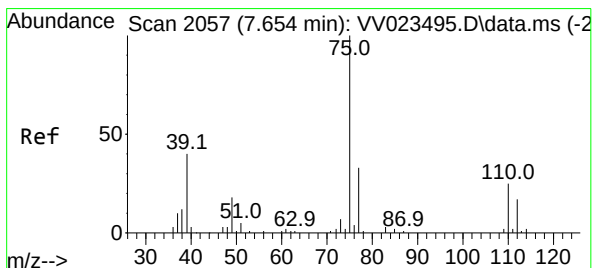
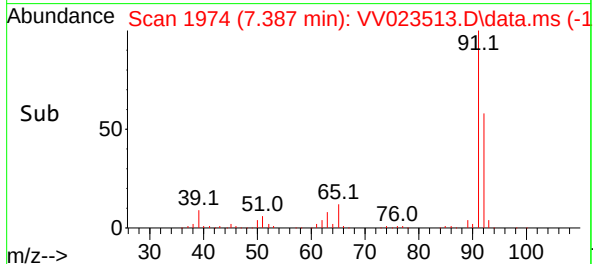
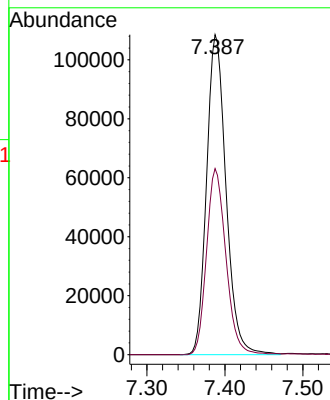
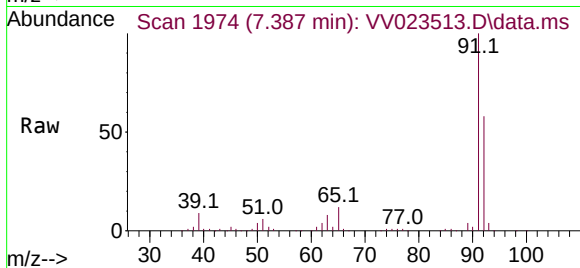
H4651MSD

Tgt Ion: 91 Resp: 187759

Ion Ratio Lower Upper

91 100

92 58.1 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 4.540 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV023513.D

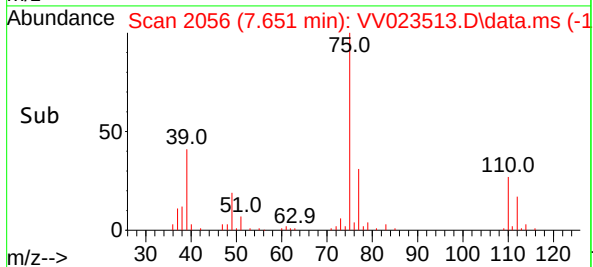
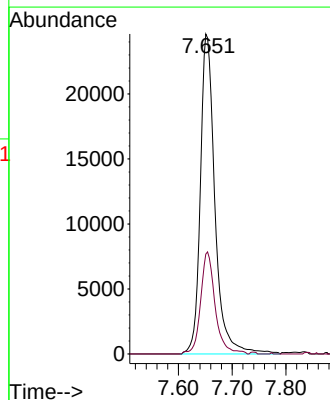
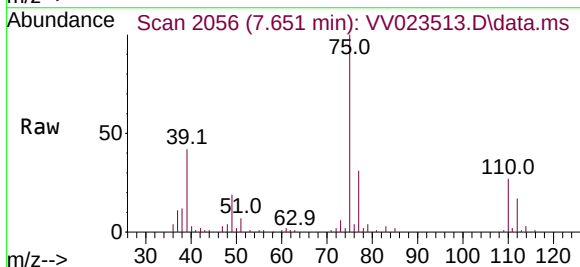
Acq: 16 Nov 2021 03:30

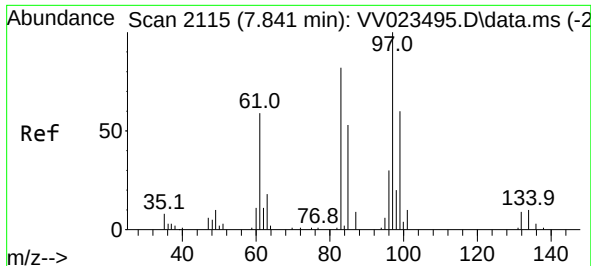
Tgt Ion: 75 Resp: 46397

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.7

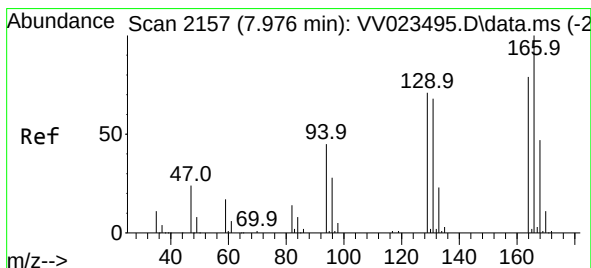
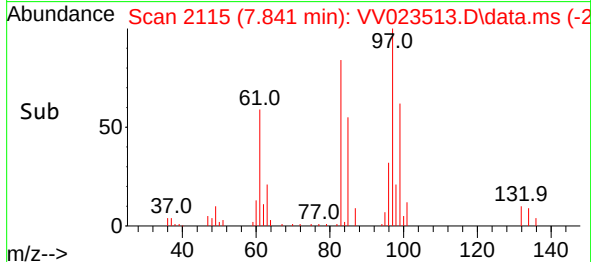
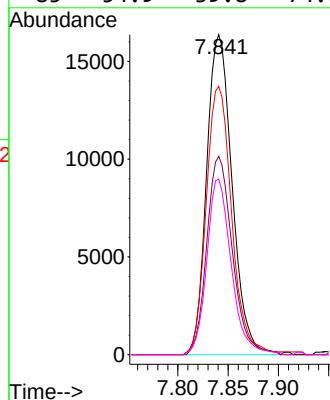
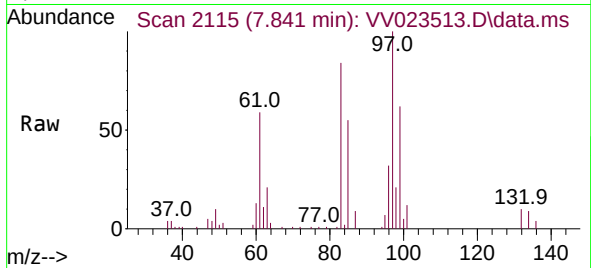




#45
1,1,2-Trichloroethane
Concen: 4.693 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

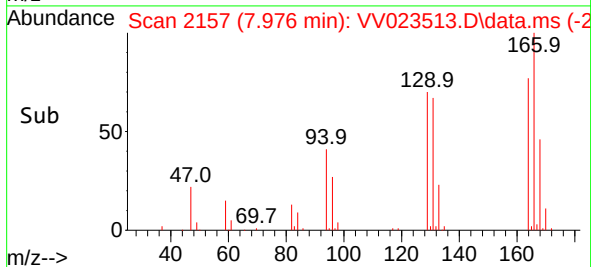
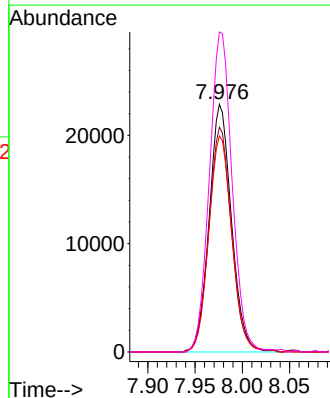
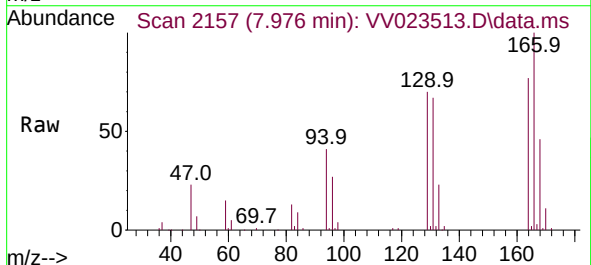
Instrument :
MSVOA_V
ClientSampleId :
H4651MSD

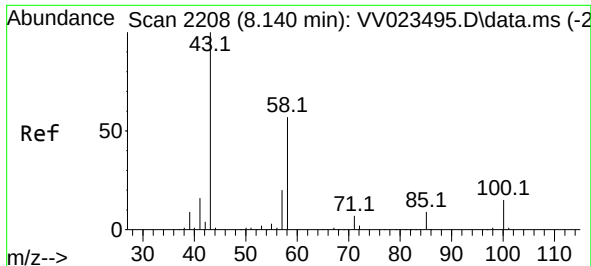
Tgt Ion: 97	Resp: 28880
Ion Ratio	Lower Upper
97 100	
99 62.0	43.6 81.0
83 83.9	58.4 108.4
85 54.9	39.8 74.0



#47
Tetrachloroethene
Concen: 4.443 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Tgt	Ion:164	Resp:	37563
Ion	Ratio	Lower	Upper
164	100		
129	90.8	64.0	119.0
131	87.2	63.4	117.8
166	129.2	89.3	165.9



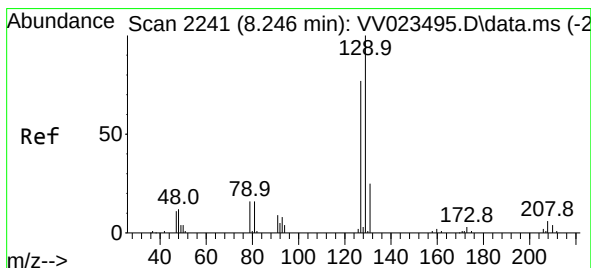
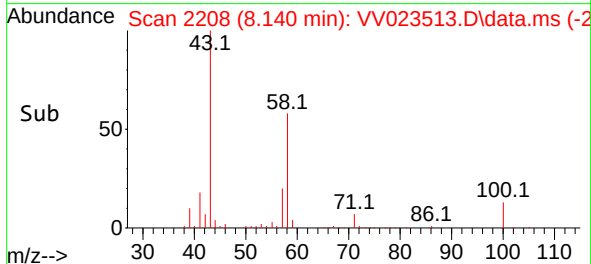
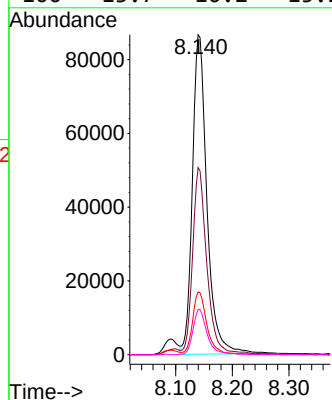
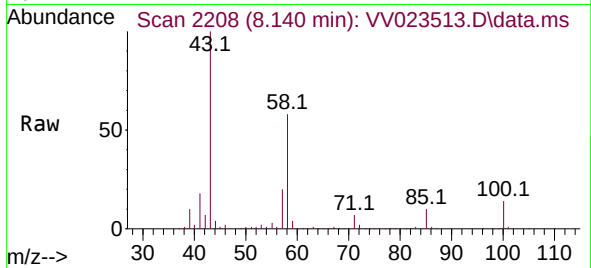


#48
2-Hexanone
Concen: 55.602 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Instrument :
MSVOA_V
ClientSampleId :
H4651MSD

Tgt Ion: 43 Resp: 154751

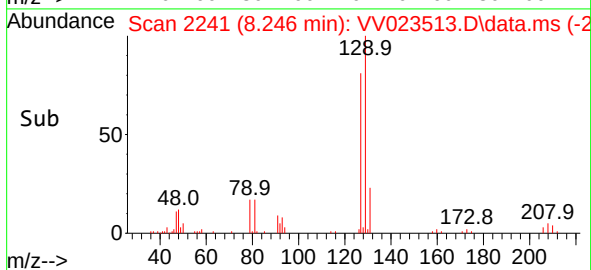
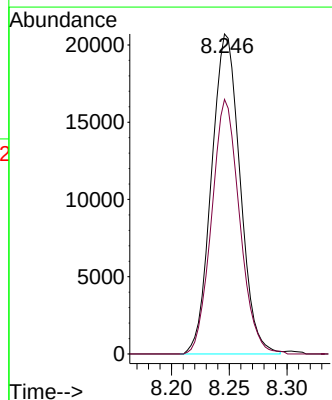
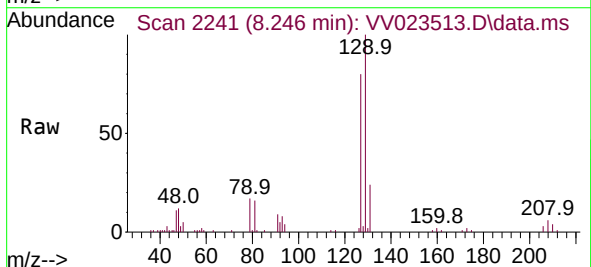
Ion	Ratio	Lower	Upper
43	100		
58	56.9	43.7	65.5
57	19.1	14.1	21.1
100	13.7	10.2	15.2

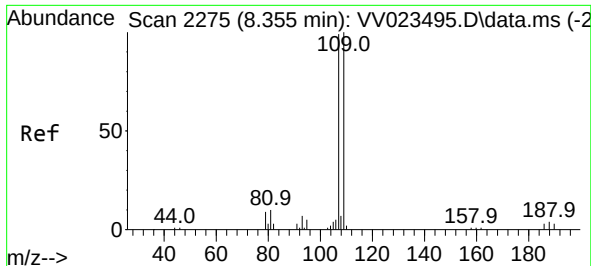


#49
Dibromochloromethane
Concen: 4.570 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Tgt Ion: 129 Resp: 35635

Ion	Ratio	Lower	Upper
129	100		
127	79.5	54.7	101.7

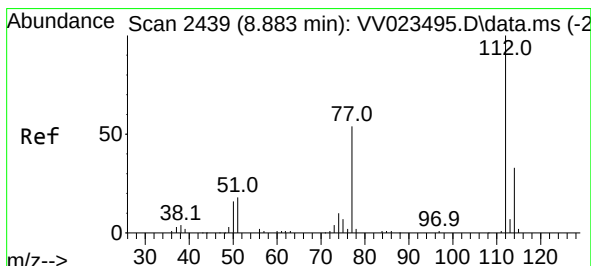
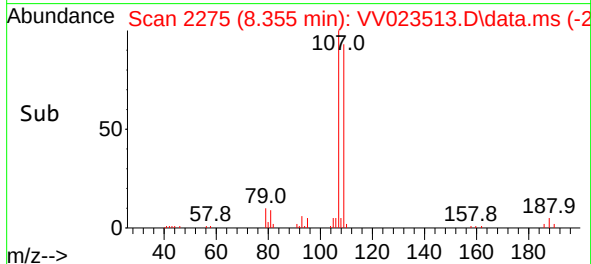
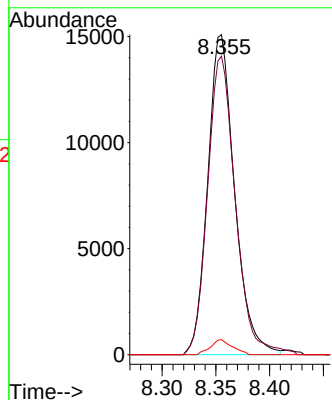
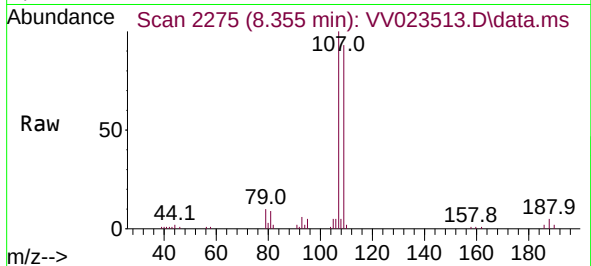




#50
 1,2-Dibromoethane
 Concen: 4.609 ug/L
 RT: 8.355 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023513.D
 Acq: 16 Nov 2021 03:30

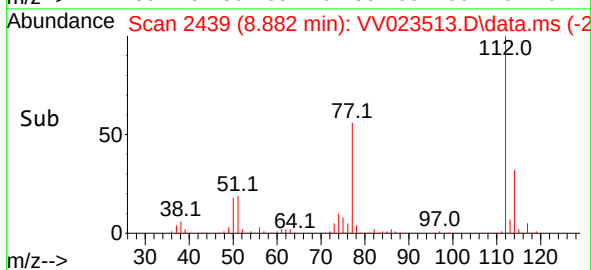
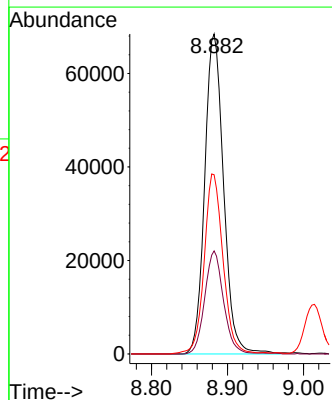
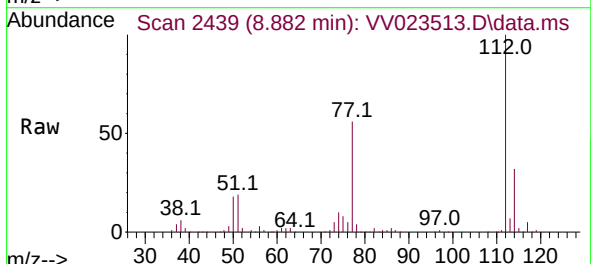
Instrument :
 MSVOA_V
 ClientSampleId :
 H4651MSD

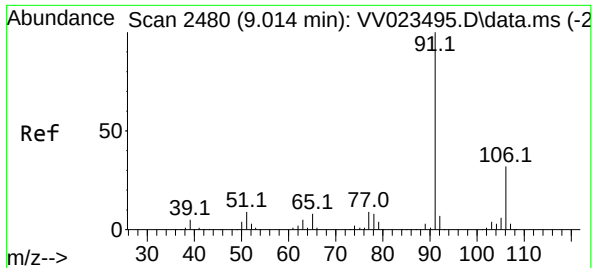
Tgt Ion:	107	Resp:	26285
Ion	Ratio	Lower	Upper
107	100		
109	93.3	64.7	120.1
188	4.7	3.6	5.4



#51
 Chlorobenzene
 Concen: 4.528 ug/L
 RT: 8.882 min Scan# 2439
 Delta R.T. -0.000 min
 Lab File: VV023513.D
 Acq: 16 Nov 2021 03:30

Tgt Ion:	112	Resp:	118100
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.0	40.8
77	56.0	44.4	66.6

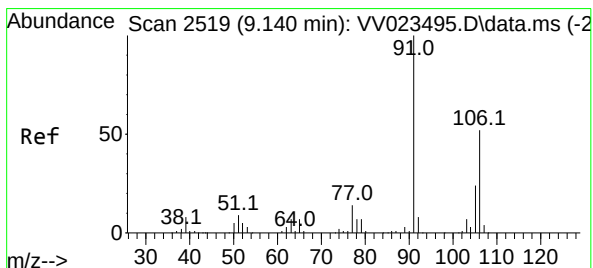
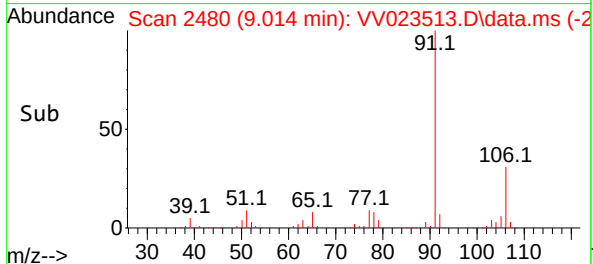
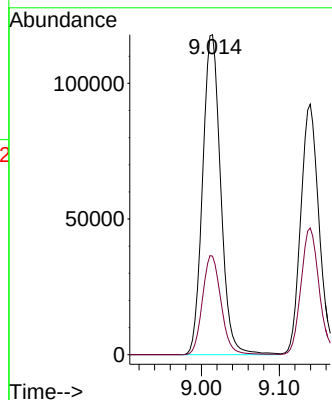
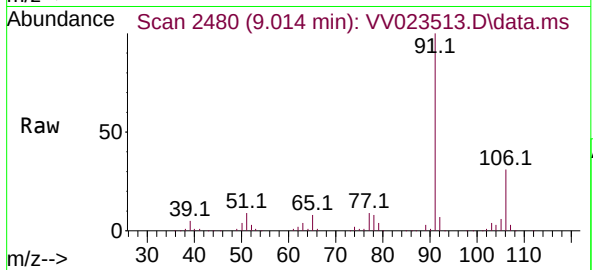




#52
Ethylbenzene
Concen: 4.589 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

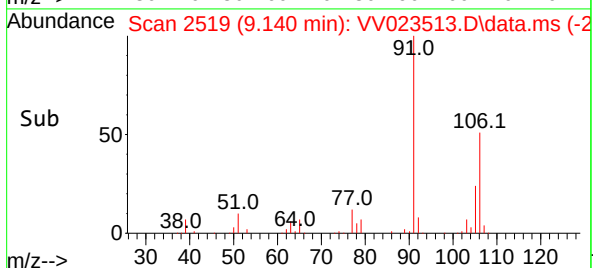
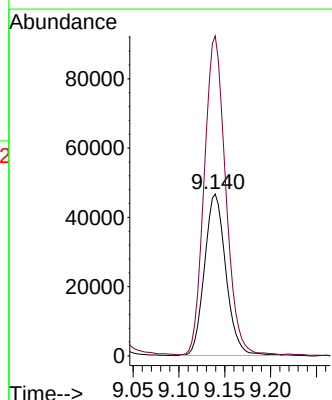
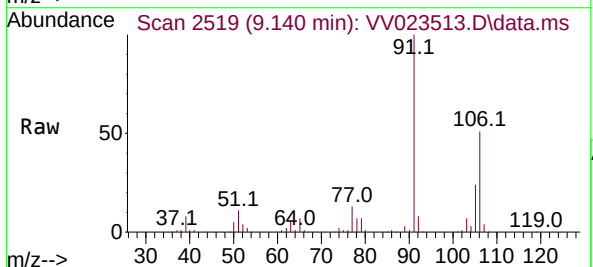
Instrument :
MSVOA_V
ClientSampleId :
H4651MSD

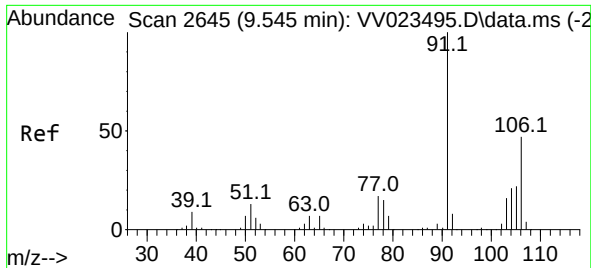
Tgt Ion: 91 Resp: 189929
Ion Ratio Lower Upper
91 100
106 30.8 22.5 41.9



#53
m,p-xylene
Concen: 4.659 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Tgt Ion: 106 Resp: 75663
Ion Ratio Lower Upper
106 100
91 197.7 137.2 254.8

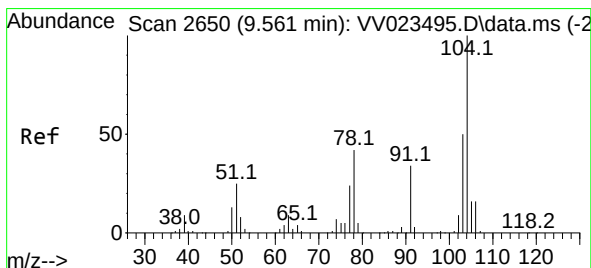
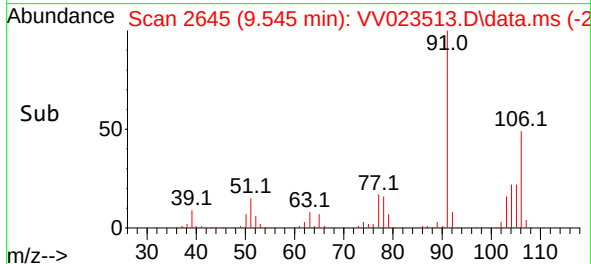
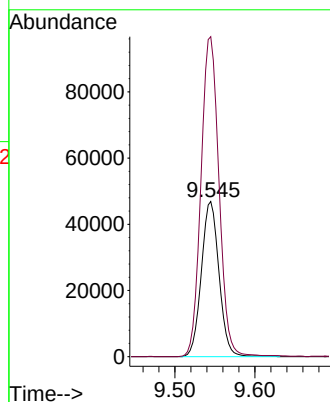
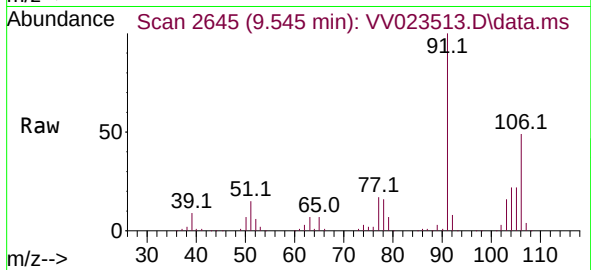




#54
o-xylene
Concen: 4.733 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

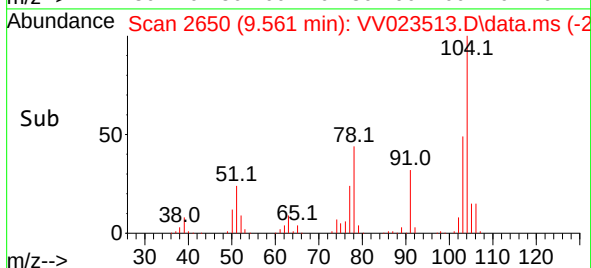
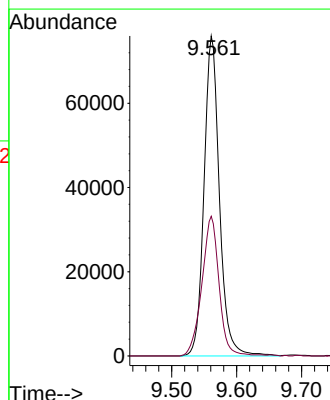
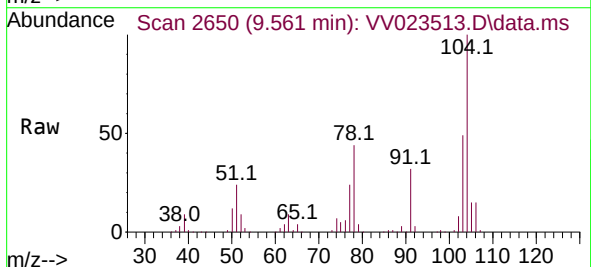
Instrument :
MSVOA_V
ClientSampleId :
H4651MSD

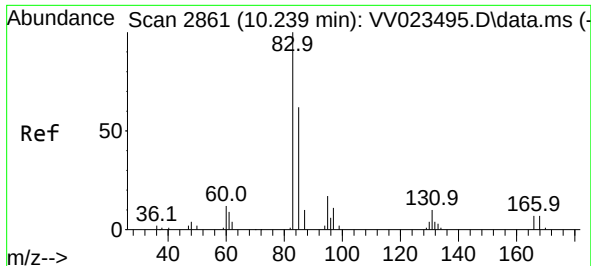
Tgt Ion:106 Resp: 72112
Ion Ratio Lower Upper
106 100
91 206.1 148.3 275.5



#55
Styrene
Concen: 4.810 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Tgt Ion:104 Resp: 125559
Ion Ratio Lower Upper
104 100
78 43.6 29.3 54.3





#57

1,1,2,2-Tetrachloroethane

Concen: 4.789 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV023513.D

Acq: 16 Nov 2021 03:30

Instrument :

MSVOA_V

ClientSampleId :

H4651MSD

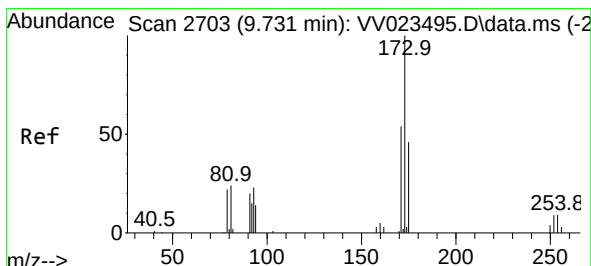
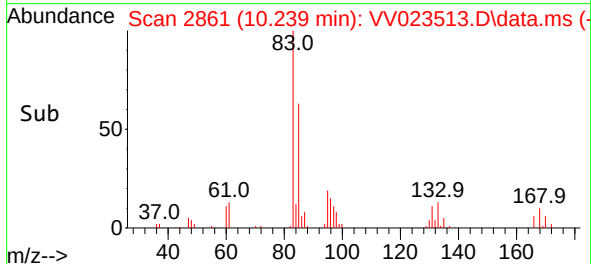
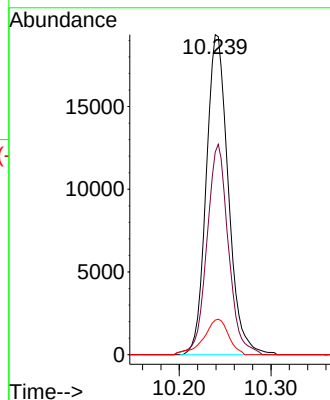
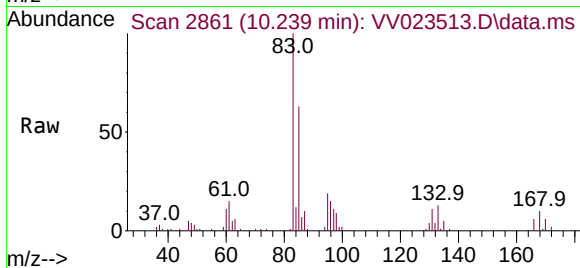
Tgt Ion: 83 Resp: 32287

Ion Ratio Lower Upper

83 100

85 63.3 45.1 83.9

131 10.8 7.8 11.6



#59

Bromoform

Concen: 4.533 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV023513.D

Acq: 16 Nov 2021 03:30

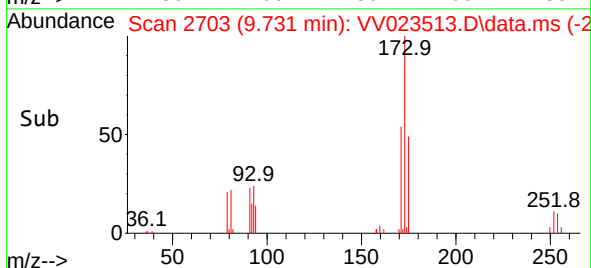
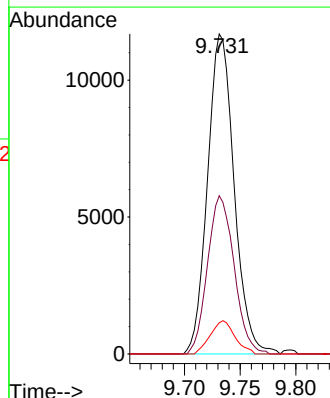
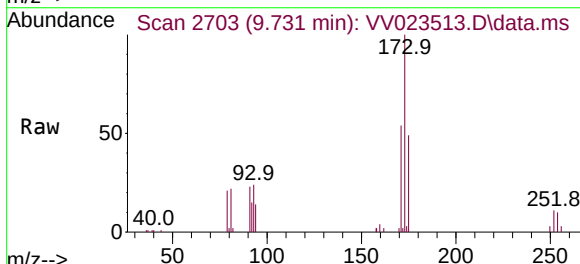
Tgt Ion: 173 Resp: 19399

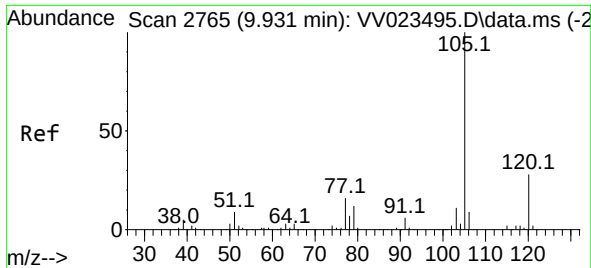
Ion Ratio Lower Upper

173 100

175 49.4 38.2 57.2

254 9.6 6.2 9.2#

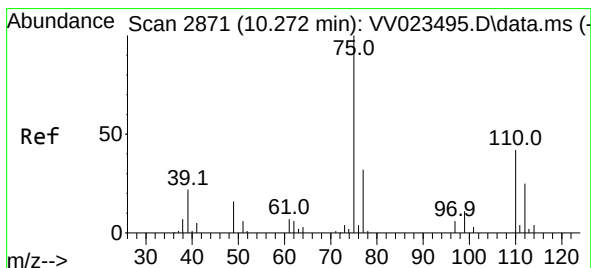
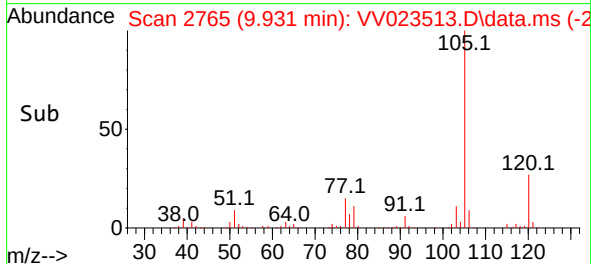
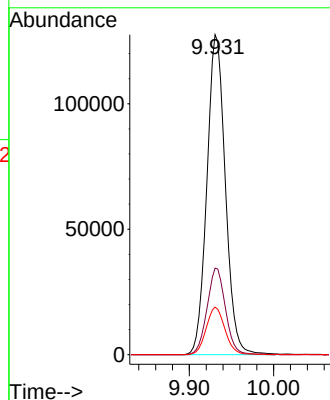
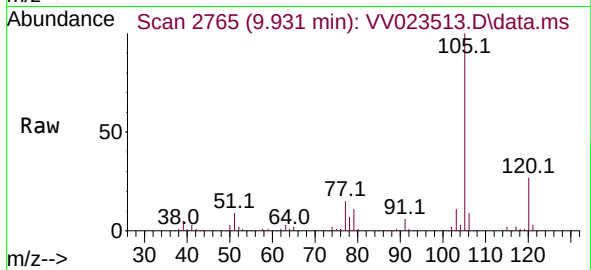




#60
Isopropylbenzene
Concen: 4.740 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

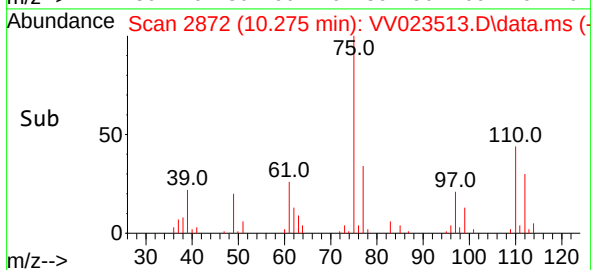
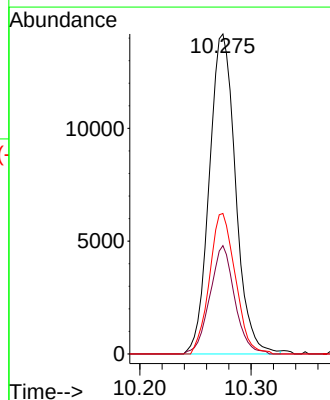
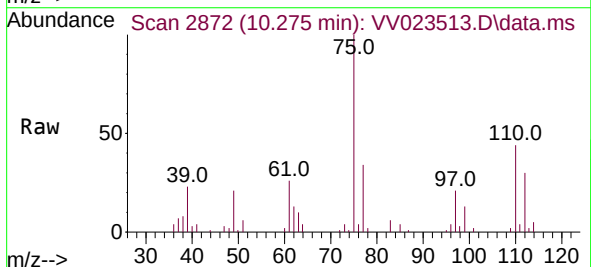
Instrument :
MSVOA_V
ClientSampleId :
H4651MSD

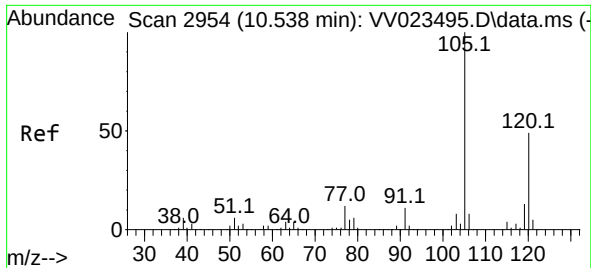
Tgt Ion:105 Resp: 194864
Ion Ratio Lower Upper
105 100
120 26.9 21.7 32.5
77 15.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.882 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Tgt Ion: 75 Resp: 23233
Ion Ratio Lower Upper
75 100
77 31.9 26.6 39.8
110 43.3 31.8 47.6

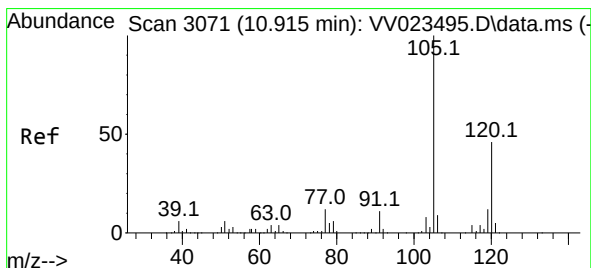
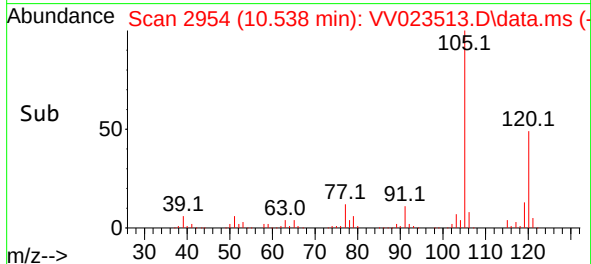
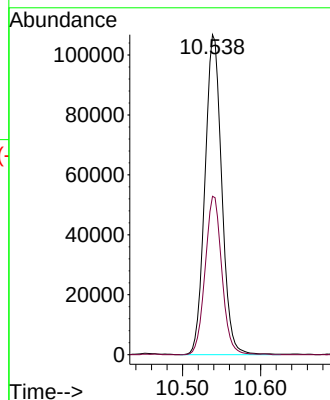
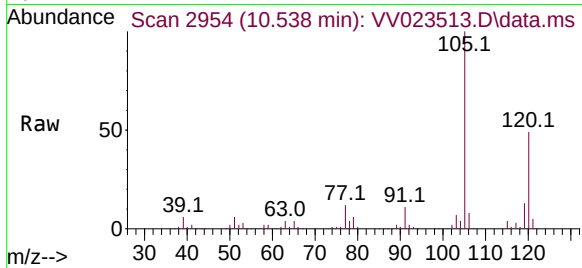




#62
 1,3,5-Trimethylbenzene
 Concen: 4.684 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV023513.D
 Acq: 16 Nov 2021 03:30

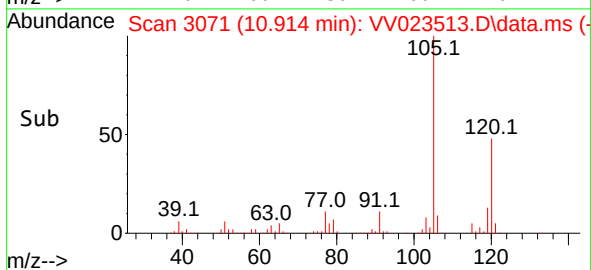
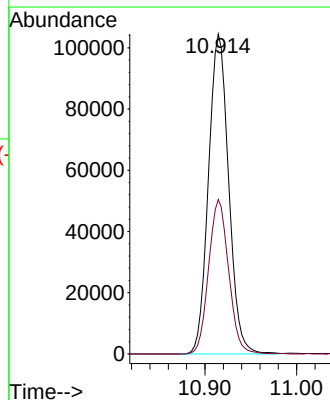
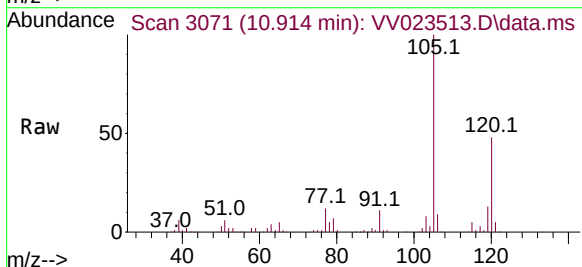
Instrument :
 MSVOA_V
 ClientSampleId :
 H4651MSD

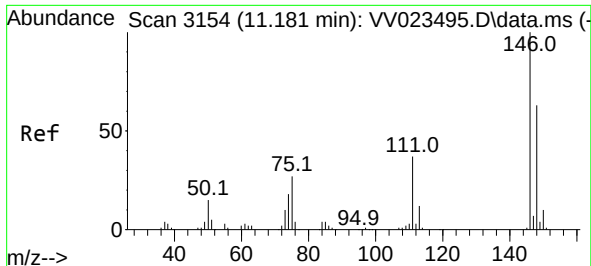
Tgt Ion:105 Resp: 159678
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 4.702 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV023513.D
 Acq: 16 Nov 2021 03:30

Tgt Ion:105 Resp: 159534
 Ion Ratio Lower Upper
 105 100
 120 47.9 37.4 56.2

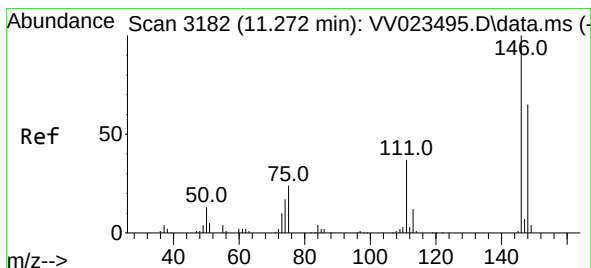
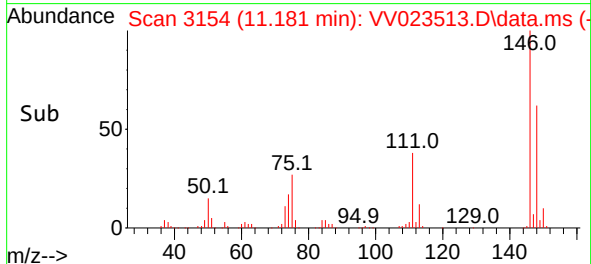
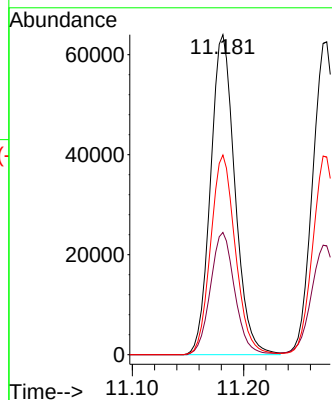
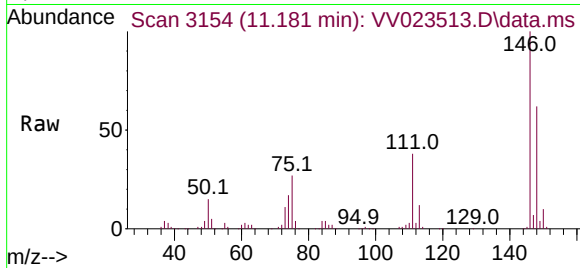




#64
1,3-Dichlorobenzene
Concen: 4.632 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

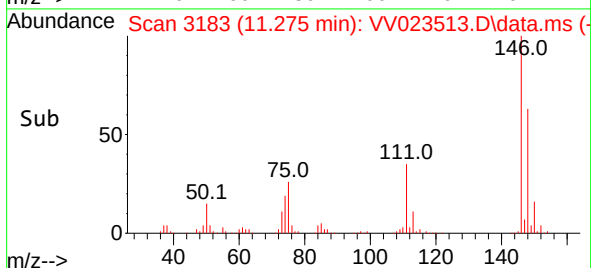
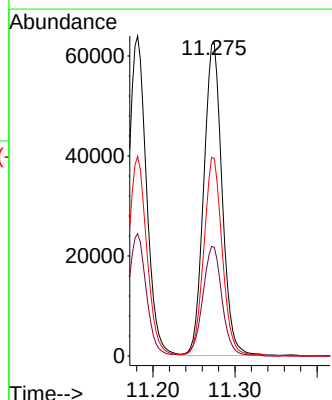
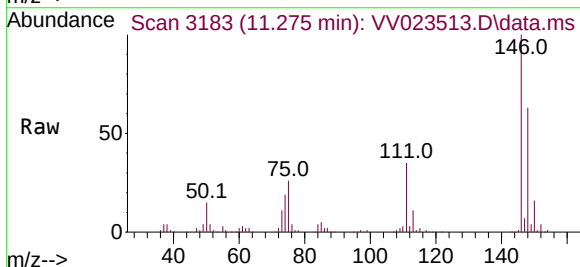
Instrument :
MSVOA_V
ClientSampleId :
H4651MSD

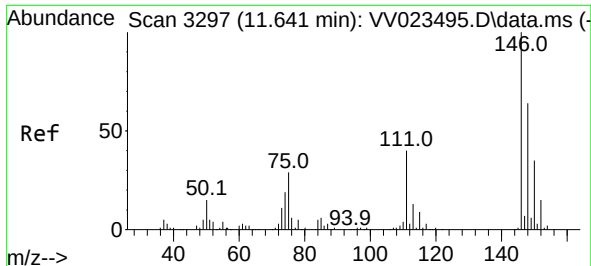
Tgt Ion:146 Resp: 97295
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 62.4 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.541 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Tgt Ion:146 Resp: 97417
Ion Ratio Lower Upper
146 100
111 34.8 26.2 48.8
148 63.2 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 4.684 ug/L

RT: 11.644 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV023513.D

Acq: 16 Nov 2021 03:30

Instrument :

MSVOA_V

ClientSampleId :

H4651MSD

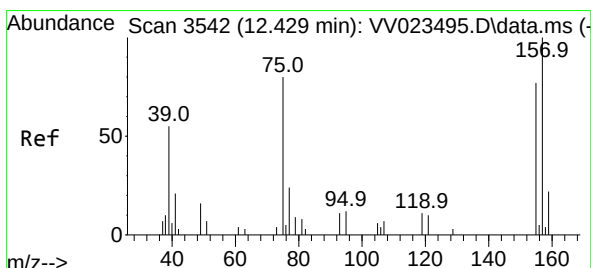
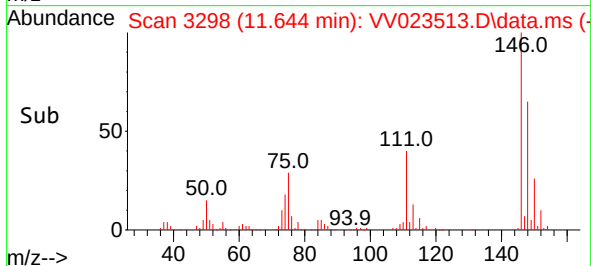
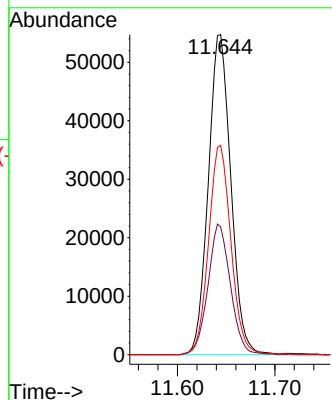
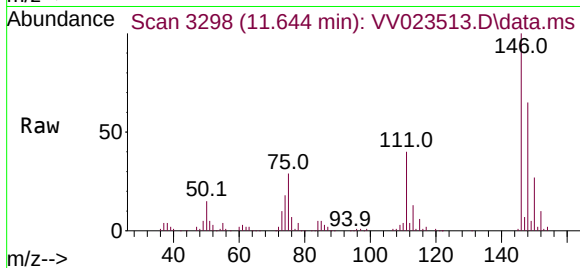
Tgt Ion:146 Resp: 88044

Ion Ratio Lower Upper

146 100

111 40.0 31.6 47.4

148 65.4 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.337 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.000 min

Lab File: VV023513.D

Acq: 16 Nov 2021 03:30

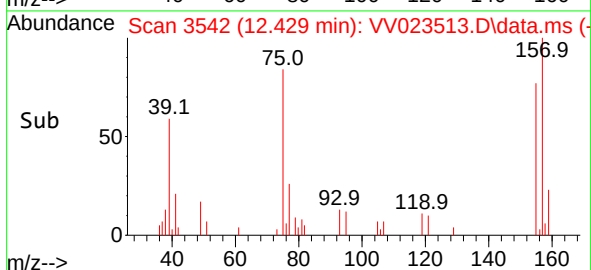
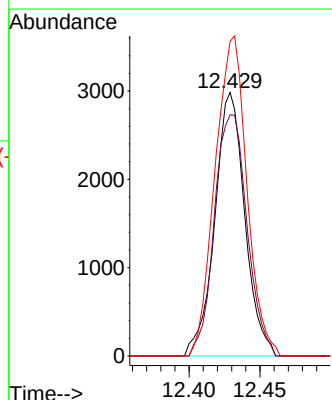
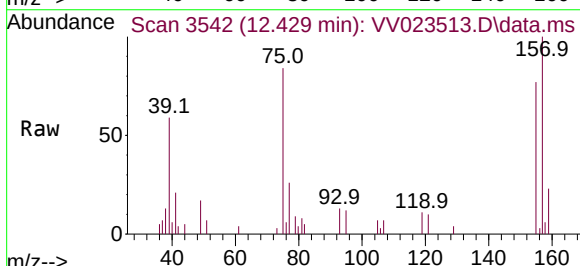
Tgt Ion: 75 Resp: 4397

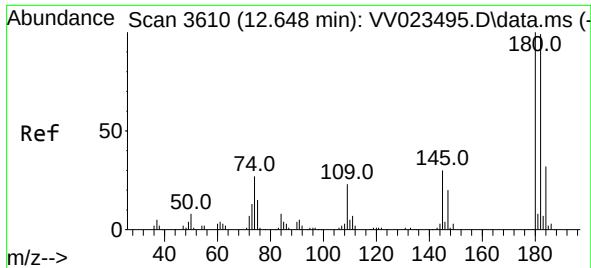
Ion Ratio Lower Upper

75 100

155 91.5 67.7 101.5

157 119.4 87.9 131.9

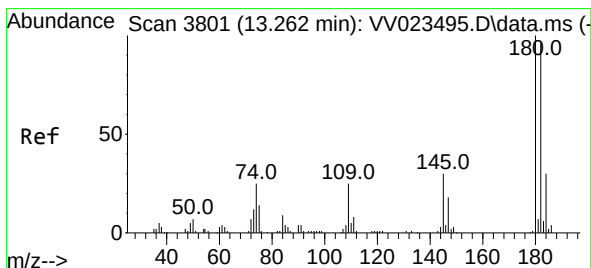
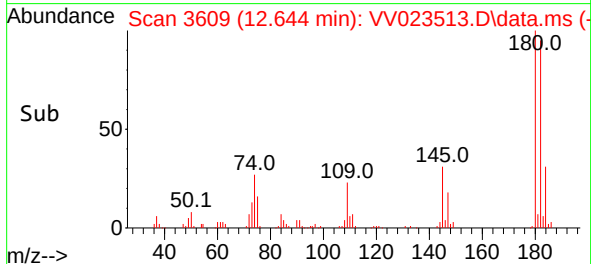
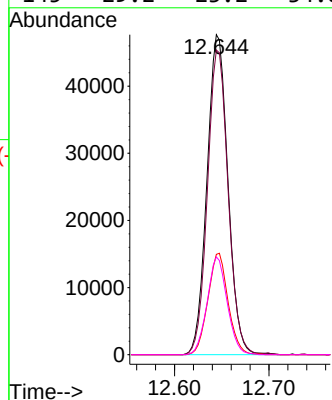
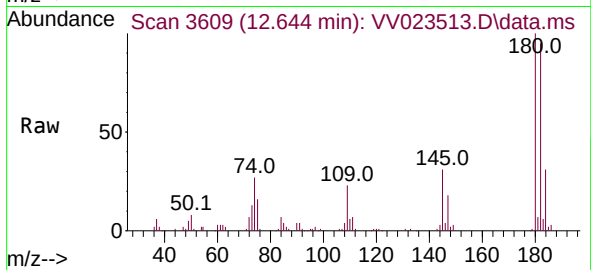




#69
1,3,5-Trichlorobenzene
Concen: 4.463 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

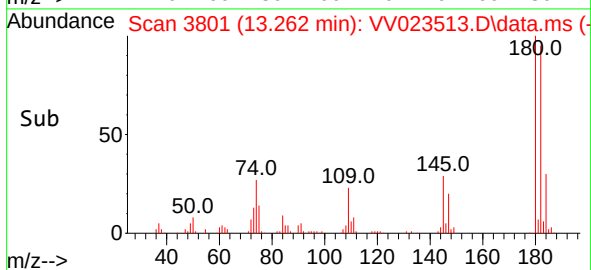
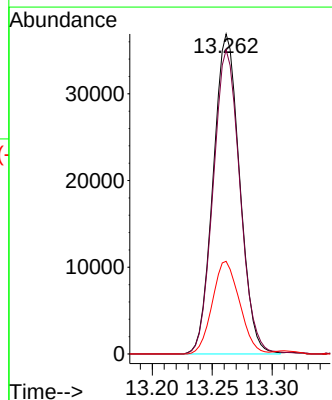
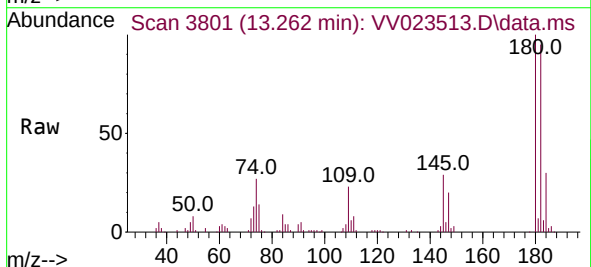
Instrument :
MSVOA_V
ClientSampleId :
H4651MSD

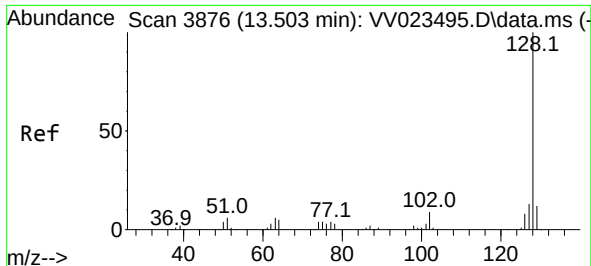
Tgt Ion:180 Resp: 73405
Ion Ratio Lower Upper
180 100
182 93.9 74.9 112.3
184 30.6 23.8 35.8
145 29.2 23.2 34.8



#70
1,2,4-trichlorobenzene
Concen: 4.294 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Tgt Ion:180 Resp: 56562
Ion Ratio Lower Upper
180 100
182 96.5 76.9 115.3
145 29.9 24.4 36.6

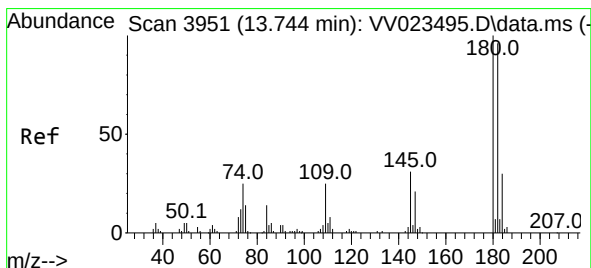
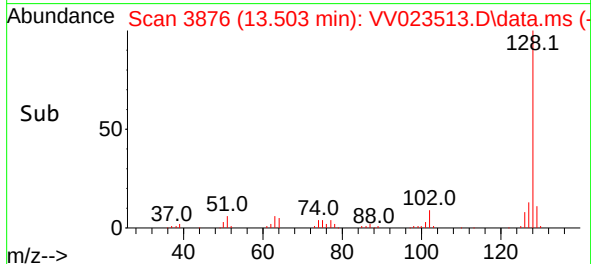
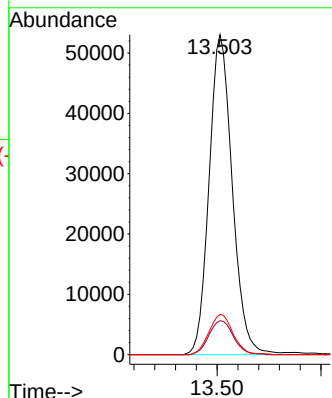
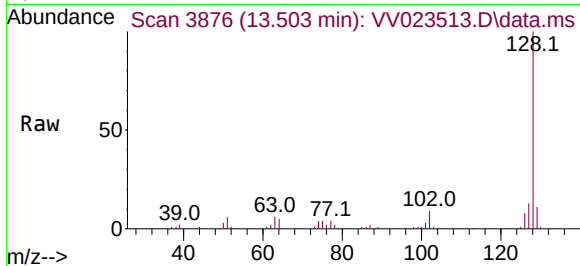




#71
Naphthalene
Concen: 4.219 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Instrument :
MSVOA_V
ClientSampleId :
H4651MSD

Tgt Ion:128 Resp: 81946
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.2 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 4.483 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023513.D
Acq: 16 Nov 2021 03:30

Tgt Ion:180 Resp: 51663
Ion Ratio Lower Upper
180 100
182 94.4 76.7 115.1
145 32.1 25.7 38.5

