

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023512.D
 Acq On : 16 Nov 2021 03:06
 Operator : SY/MD
 Sample : M4694-04MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4651MS

Quant Time: Nov 16 05:18:33 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	134072	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	132920	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72777	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40496	4.821	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.571	69	31811	4.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.111	63	73799	4.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.902	46	81746	56.493	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.980%
24) Chloroform-d	4.349	84	79732	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.034	65	37175	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.053	84	151927	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.069	67	43610	4.344	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.316	98	147534	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.625	79	16456	4.323	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.088	63	62748	44.800	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.600%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33083	4.582	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	55652	4.592	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	54451	4.165	ug/L	100
3) Chloromethane	1.243	50	52988	4.767	ug/L	96
5) Vinyl chloride	1.314	62	191543	17.255	ug/L	98
6) Bromomethane	1.526	94	26661	3.757	ug/L	99
8) Chloroethane	1.587	64	43747	6.829	ug/L	98
9) Trichlorofluoromethane	1.754	101	78072	4.681	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	41674	4.963	ug/L	98
12) 1,1-Dichloroethene	2.121	96	38681	4.838	ug/L	90
13) Acetone	2.188	43	57730	65.293	ug/L	91
14) Carbon disulfide	2.297	76	122969	4.076	ug/L	99
15) Methyl Acetate	2.442	43	12655	5.057	ug/L	90
16) Methylene chloride	2.510	84	44233	3.791	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	5237465	297.592	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	60768	6.183	ug/L	98
19) 1,1-Dichloroethane	3.191	63	100356	6.048	ug/L	99
21) 2-Butanone	3.979	43	85532	59.834	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	56642	5.988	ug/L	# 92
23) Bromochloromethane	4.252	128	21040	4.824	ug/L	# 80
25) Chloroform	4.378	83	81387	4.601	ug/L	97

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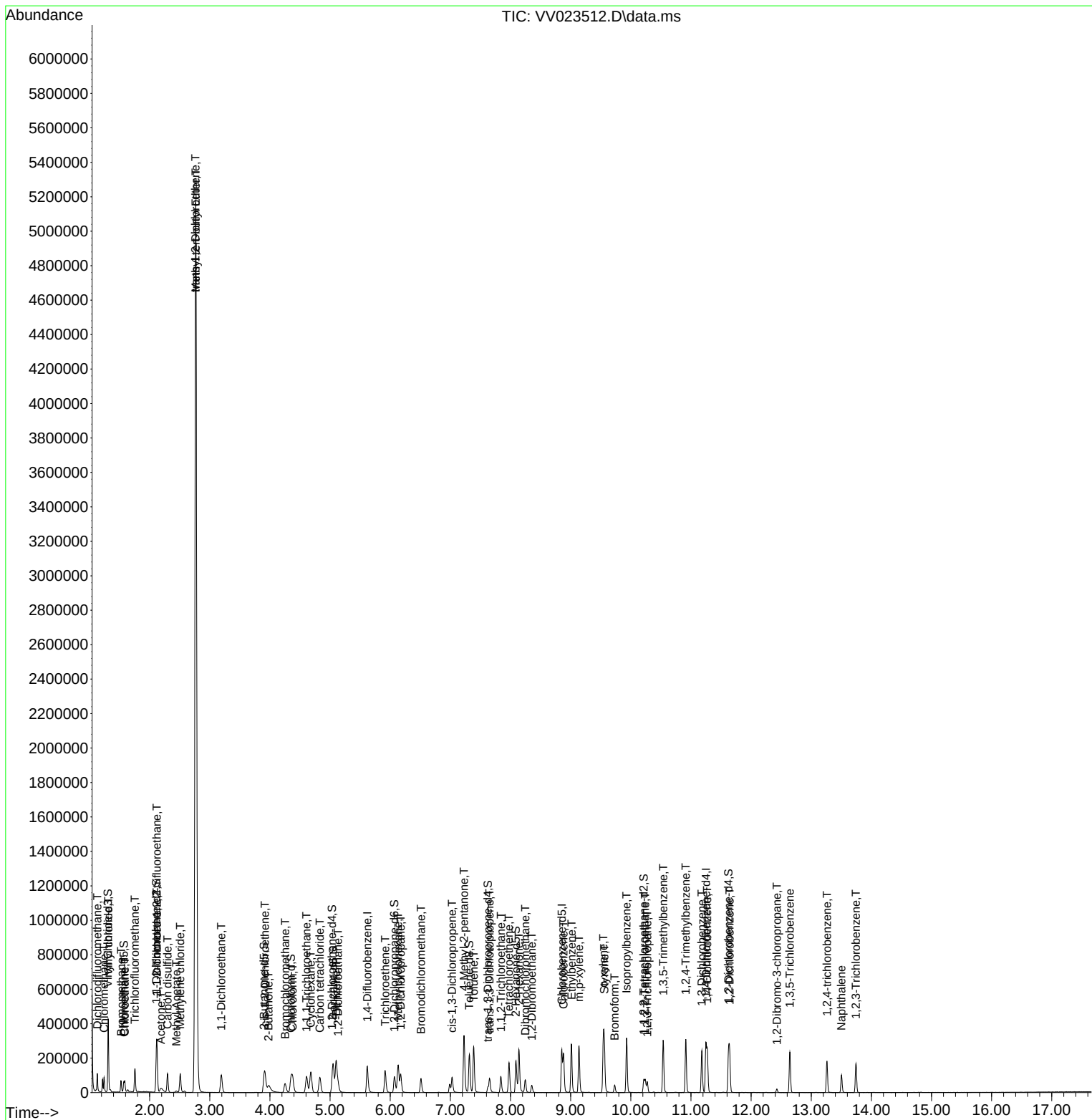
Instrument :
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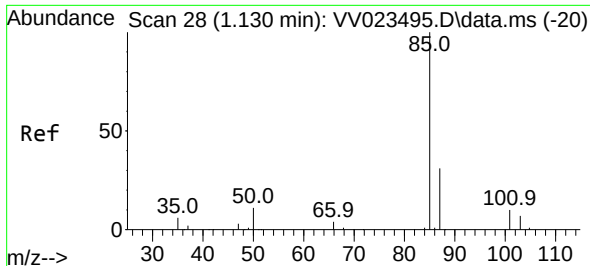
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	47939	5.095	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	74925	4.641	ug/L	99
30) Cyclohexane	4.680	56	60264	4.166	ug/L	95
31) Carbon tetrachloride	4.831	117	67154	4.632	ug/L	98
33) Benzene	5.101	78	189424	5.099	ug/L	100
34) Trichloroethene	5.915	95	44160	4.470	ug/L	98
35) Methylcyclohexane	6.133	83	65361	4.191	ug/L	97
37) 1,2-Dichloropropane	6.175	63	41129	4.742	ug/L	100
38) Bromodichloromethane	6.513	83	53009	4.561	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	54539	4.372	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	214612	53.352	ug/L	98
42) Toluene	7.387	91	193635	4.873	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	47603	4.599	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	29748	4.774	ug/L	95
47) Tetrachloroethene	7.976	164	38911	4.544	ug/L	96
48) 2-Hexanone	8.140	43	155747	55.256	ug/L	96
49) Dibromochloromethane	8.246	129	37542	4.755	ug/L	98
50) 1,2-Dibromoethane	8.352	107	27024	4.679	ug/L	95
51) Chlorobenzene	8.882	112	121066	4.584	ug/L	100
52) Ethylbenzene	9.014	91	193158	4.609	ug/L	99
53) m,p-xylene	9.140	106	75338	4.580	ug/L	92
54) o-xylene	9.545	106	73029	4.733	ug/L	99
55) Styrene	9.561	104	129685	4.906	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	33795	4.950	ug/L	98
59) Bromoform	9.731	173	19781	4.551	ug/L #	97
60) Isopropylbenzene	9.931	105	196649	4.709	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24122	4.990	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	161206	4.655	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	165725	4.808	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	98945	4.637	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	98427	4.517	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	92351	4.837	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4395	4.267	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	72784	4.356	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	56562	4.228	ug/L	98
71) Naphthalene	13.503	128	80427	4.077	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	51733	4.419	ug/L	99

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

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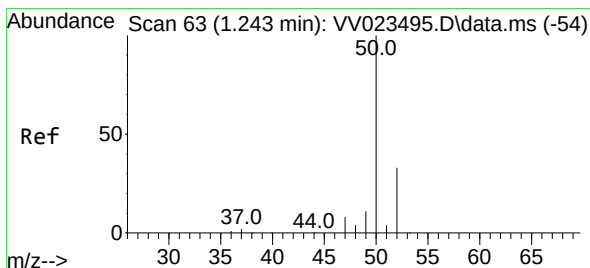
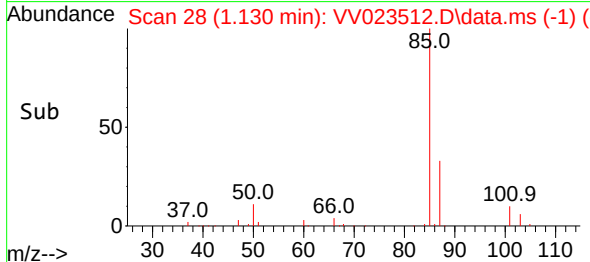
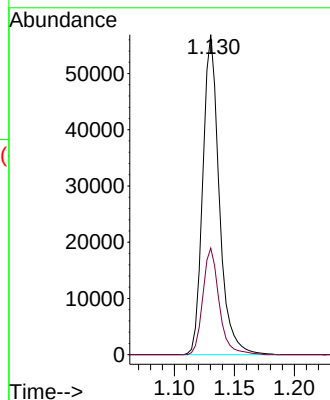
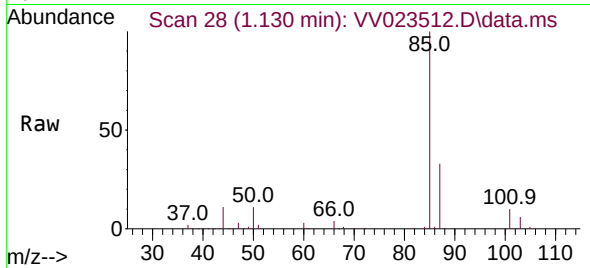




#2
 Dichlorodifluoromethane
 Concen: 4.165 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV023512.D
 Acq: 16 Nov 2021 03:06

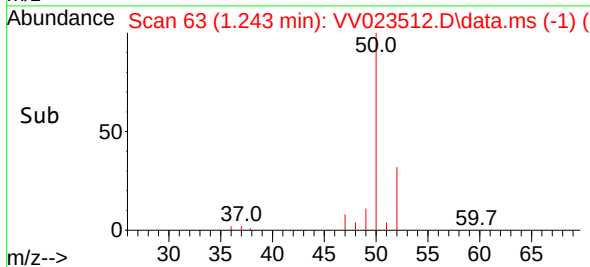
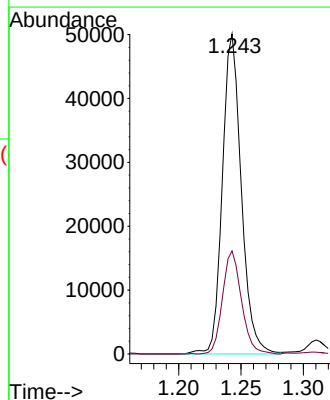
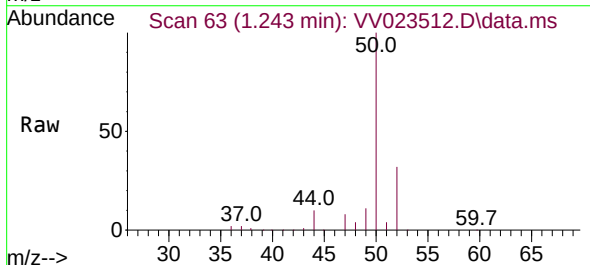
Instrument :
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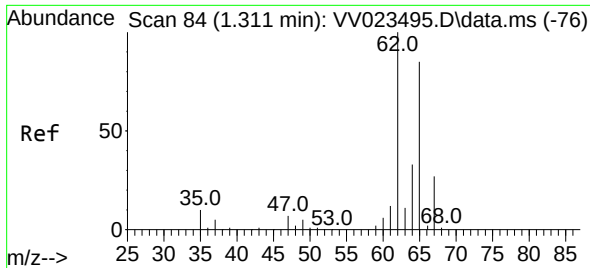
Tgt Ion: 85 Resp: 54451
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.6 39.8



#3
 Chloromethane
 Concen: 4.767 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV023512.D
 Acq: 16 Nov 2021 03:06

Tgt Ion: 50 Resp: 52988
 Ion Ratio Lower Upper
 50 100
 52 32.2 24.3 45.1

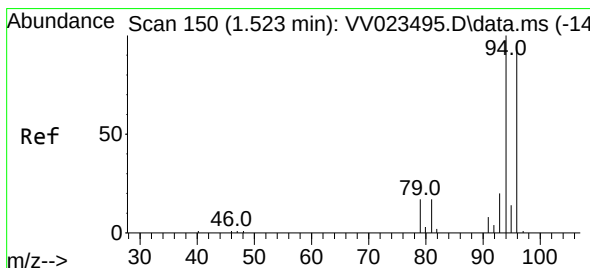
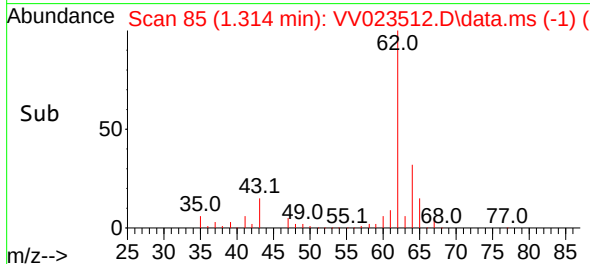
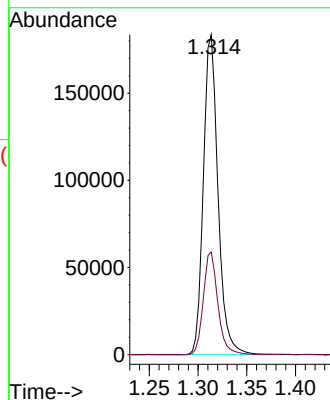
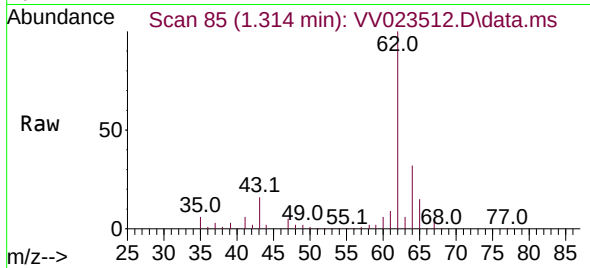




#5
 Vinyl chloride
 Concen: 17.255 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023512.D
 Acq: 16 Nov 2021 03:06

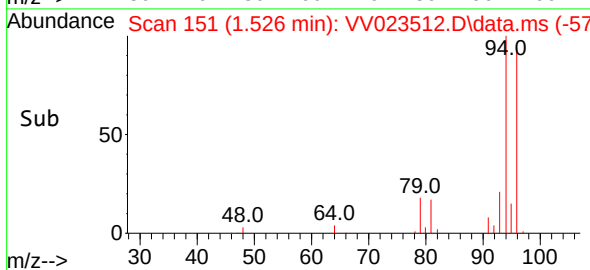
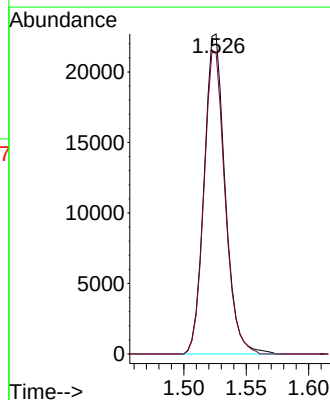
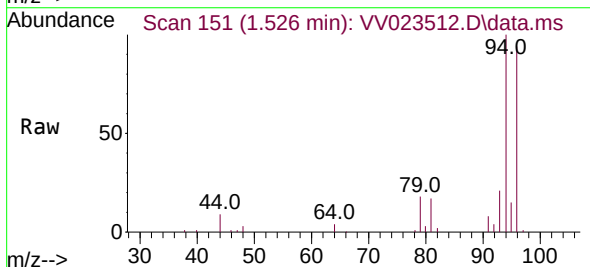
Instrument :
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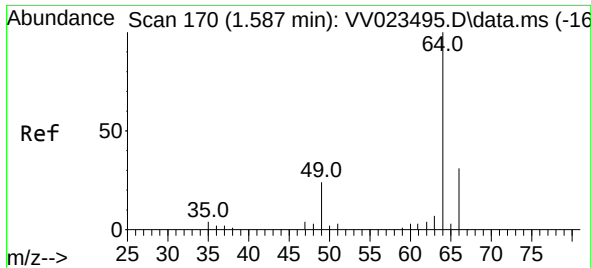
Tgt Ion: 62 Resp: 191543
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.1 42.9



#6
 Bromomethane
 Concen: 3.757 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV023512.D
 Acq: 16 Nov 2021 03:06

Tgt Ion: 94 Resp: 26661
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.0 120.8

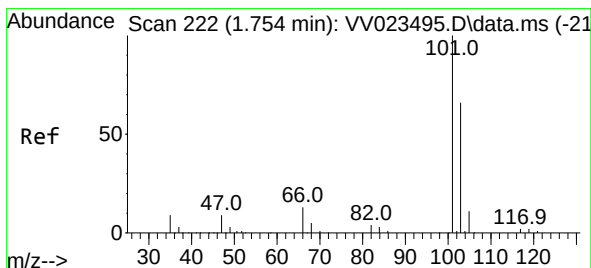
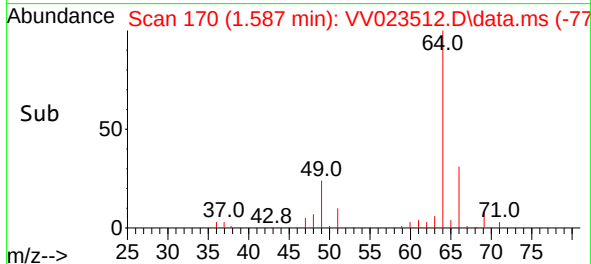
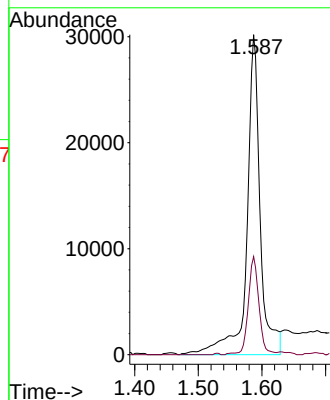
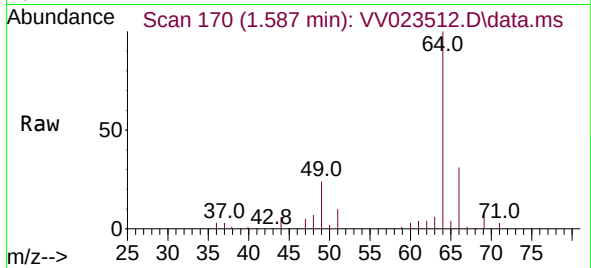




#8
Chloroethane
Concen: 6.829 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

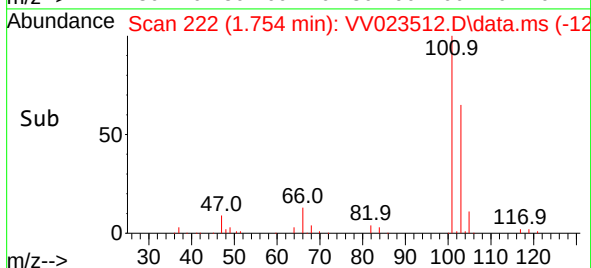
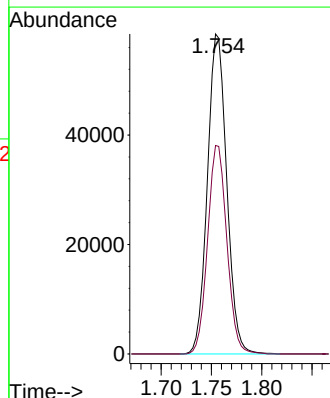
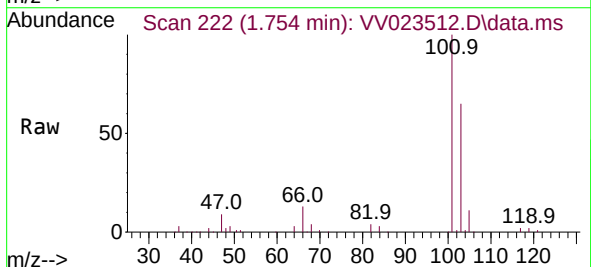
Instrument :
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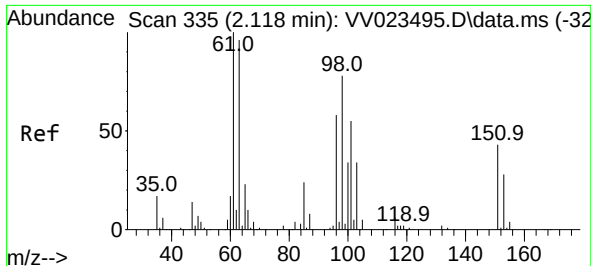
Tgt Ion: 64 Resp: 43747
Ion Ratio Lower Upper
64 100
66 30.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.681 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

Tgt Ion:101 Resp: 78072
Ion Ratio Lower Upper
101 100
103 64.9 52.6 79.0

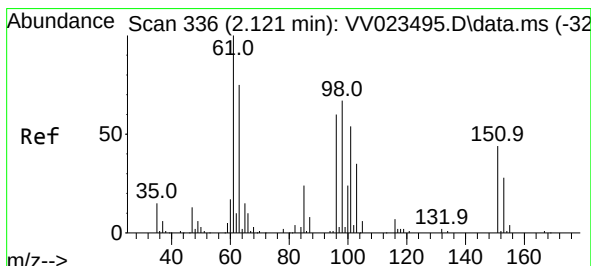
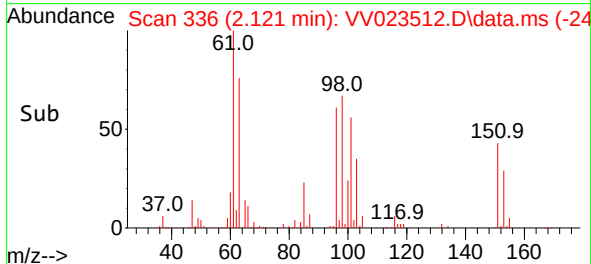
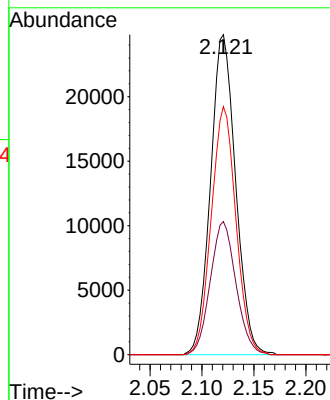
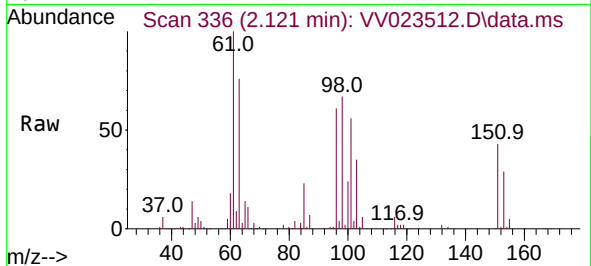




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.963 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

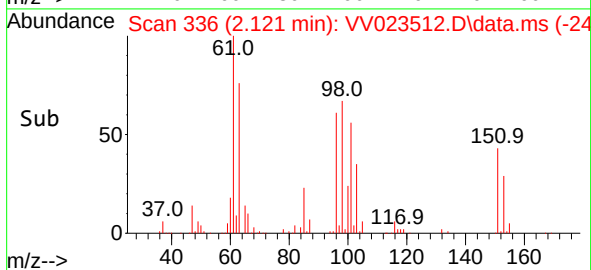
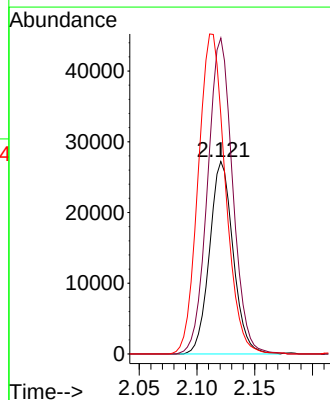
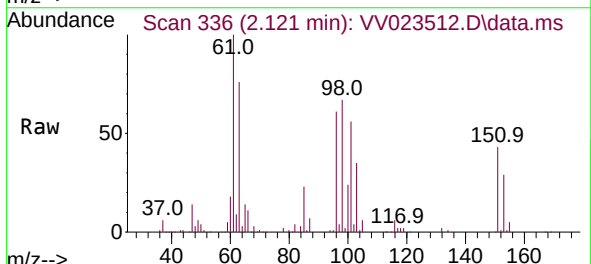
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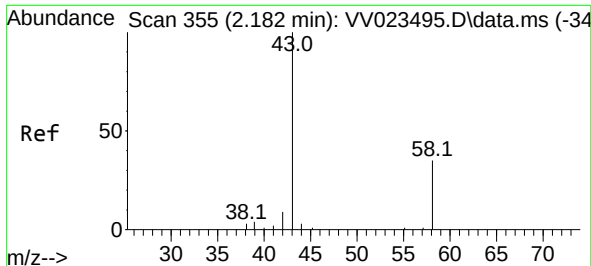
Tgt Ion:101 Resp: 41674
Ion Ratio Lower Upper
101 100
85 42.6 35.3 52.9
151 76.1 62.2 93.2



#12
1,1-Dichloroethene
Concen: 4.838 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

Tgt Ion: 96 Resp: 38681
Ion Ratio Lower Upper
96 100
61 164.2 121.5 225.7
63 124.0 99.6 185.0





#13

Acetone

Concen: 65.293 ug/L

RT: 2.188 min Scan# 355

Delta R.T. 0.006 min

Lab File: VV023512.D

Acq: 16 Nov 2021 03:06

Instrument :

MSVOA_V

ClientSampleId :

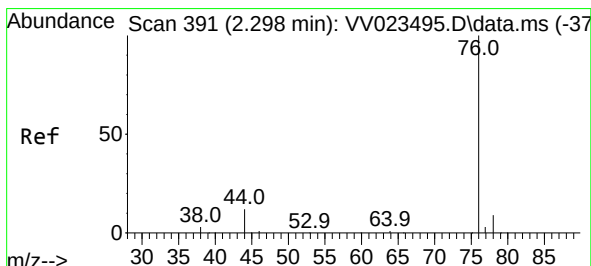
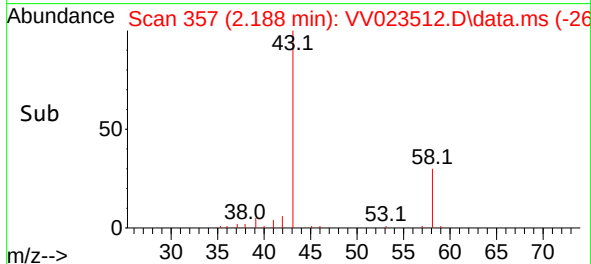
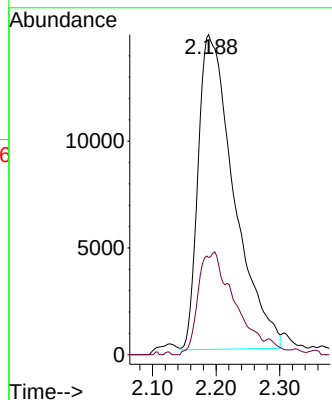
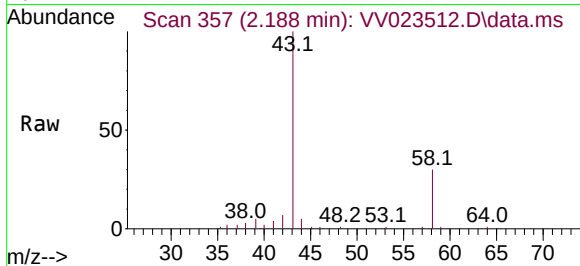
H4651MS

Tgt Ion: 43 Resp: 57730

Ion Ratio Lower Upper

43 100

58 32.6 0.0 55.4



#14

Carbon disulfide

Concen: 4.076 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV023512.D

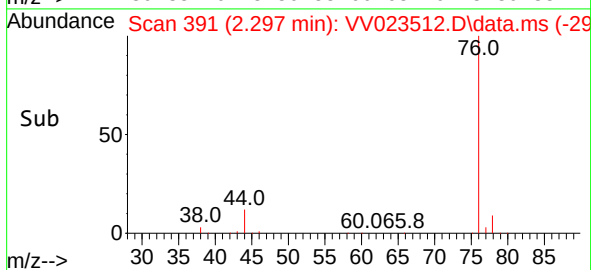
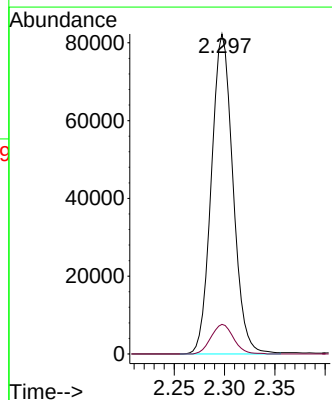
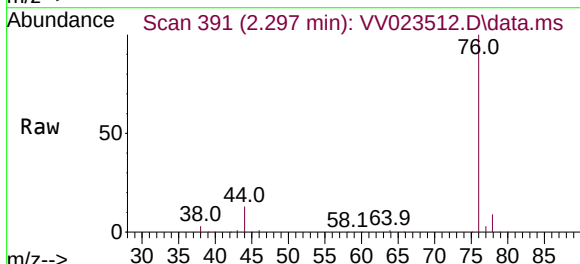
Acq: 16 Nov 2021 03:06

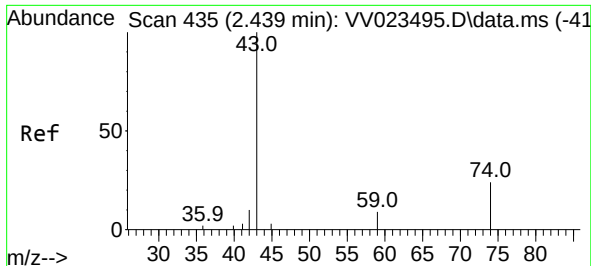
Tgt Ion: 76 Resp: 122969

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

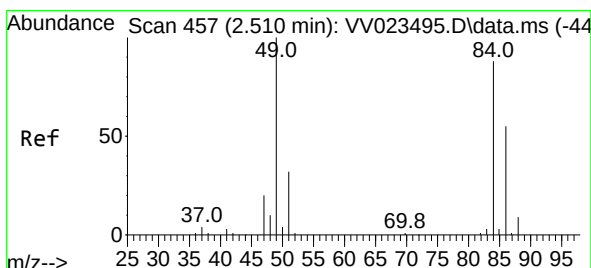
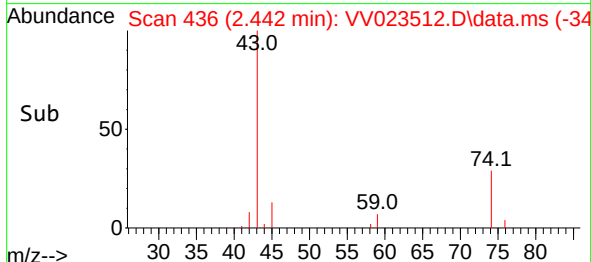
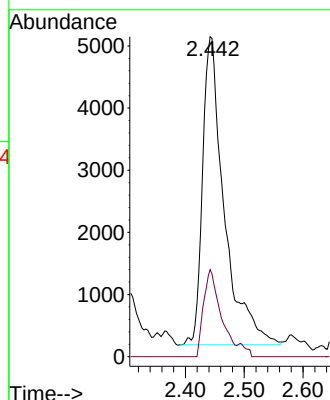
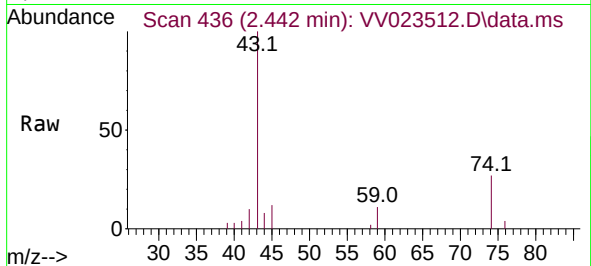




#15
Methyl Acetate
Concen: 5.057 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

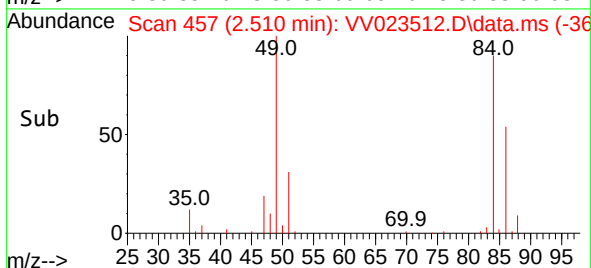
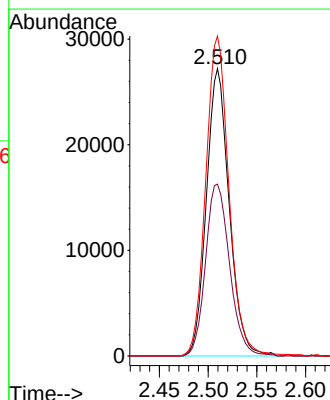
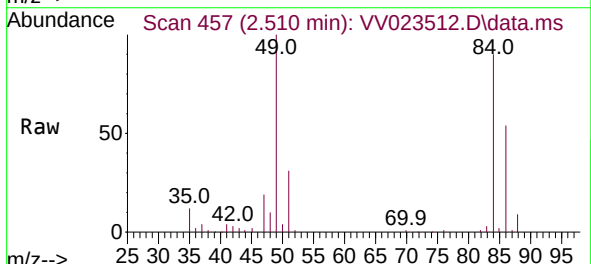
Instrument :
MSVOA_V
ClientSampleId :
H4651MS

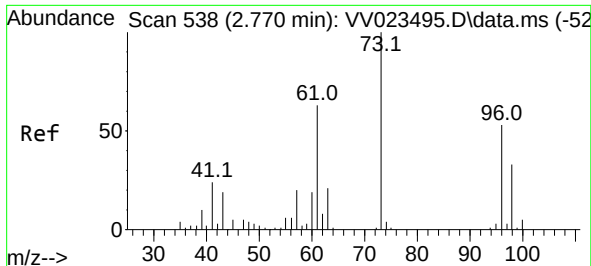
Tgt Ion: 43 Resp: 12655
Ion Ratio Lower Upper
43 100
74 22.4 22.2 33.2



#16
Methylene chloride
Concen: 3.791 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

Tgt Ion: 84 Resp: 44233
Ion Ratio Lower Upper
84 100
86 59.8 42.3 78.5
49 111.4 79.7 148.1





#17

Methyl tert-butyl Ether

Concen: 297.592 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV023512.D

Acq: 16 Nov 2021 03:06

Instrument :

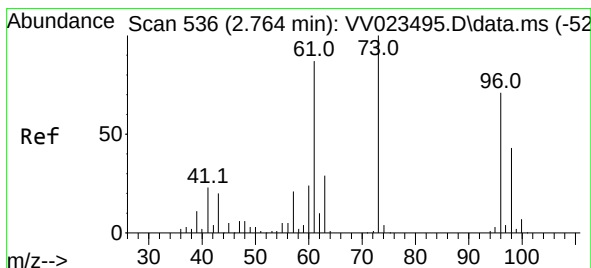
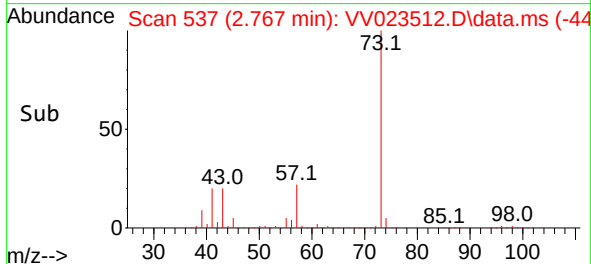
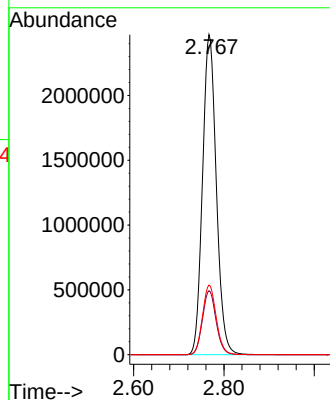
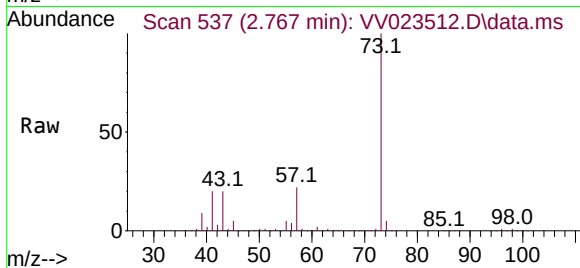
MSVOA_V

ClientSampleId :

H4651MS

Tgt Ion: 73 Resp: 5237465

Ion	Ratio	Lower	Upper
73	100		
43	19.7	17.4	26.0
57	21.7	16.5	24.7



#18

trans-1,2-Dichloroethene

Concen: 6.183 ug/L

RT: 2.764 min Scan# 536

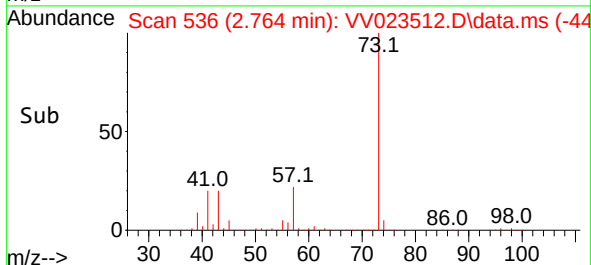
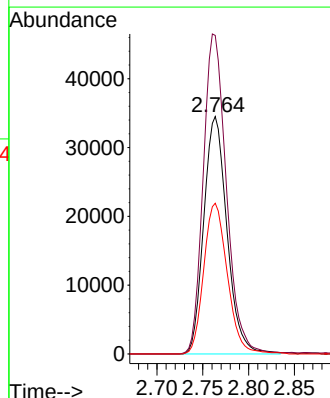
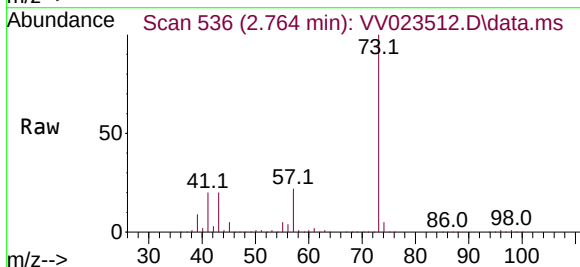
Delta R.T. -0.000 min

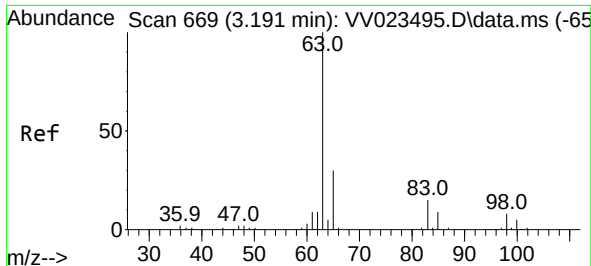
Lab File: VV023512.D

Acq: 16 Nov 2021 03:06

Tgt Ion: 96 Resp: 60768

Ion	Ratio	Lower	Upper
96	100		
61	134.2	93.2	173.2
98	63.5	47.0	87.2





#19

1,1-Dichloroethane

Concen: 6.048 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

Lab File: VV023512.D

Acq: 16 Nov 2021 03:06

Instrument :

MSVOA_V

ClientSampleId :

H4651MS

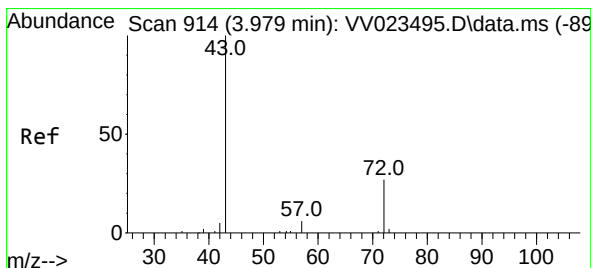
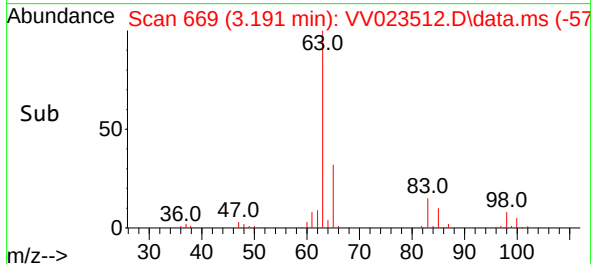
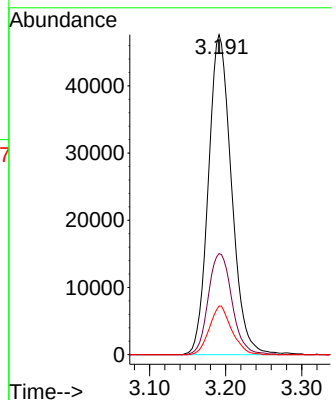
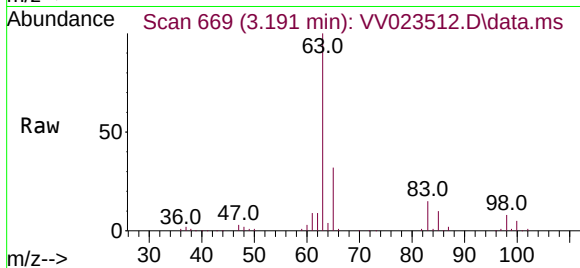
Tgt Ion: 63 Resp: 100356

Ion Ratio Lower Upper

63 100

65 31.6 22.6 42.0

83 15.2 11.1 20.7



#21

2-Butanone

Concen: 59.834 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.000 min

Lab File: VV023512.D

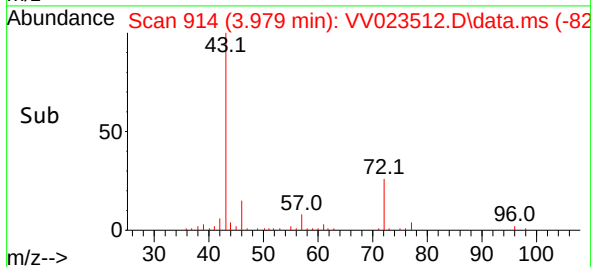
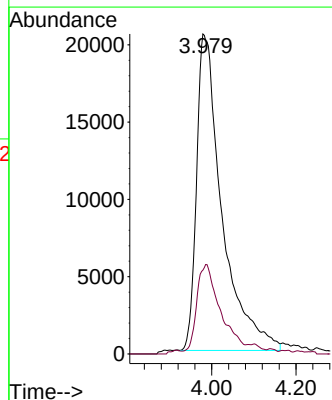
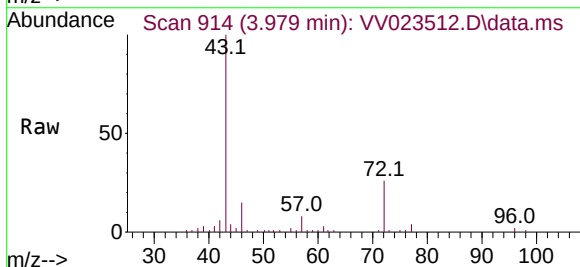
Acq: 16 Nov 2021 03:06

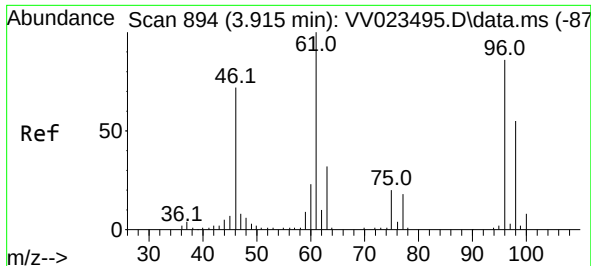
Tgt Ion: 43 Resp: 85532

Ion Ratio Lower Upper

43 100

72 25.0 11.9 35.9

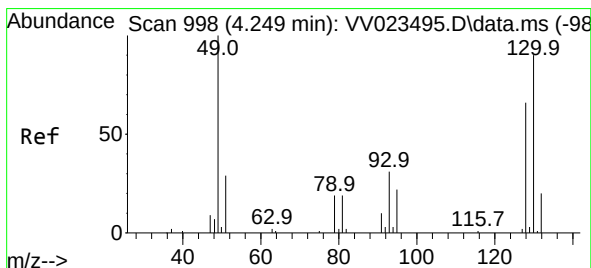
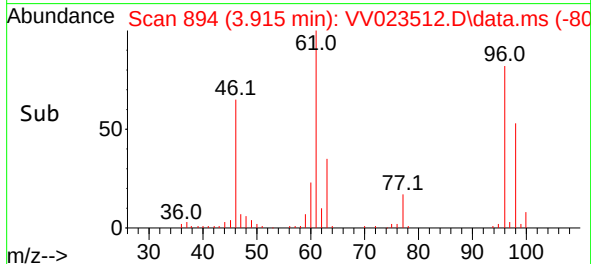
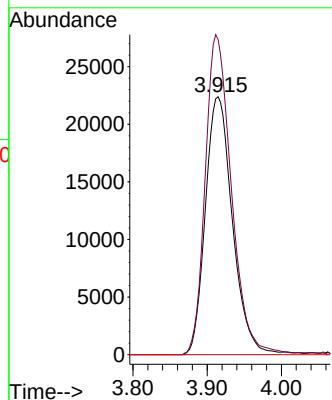
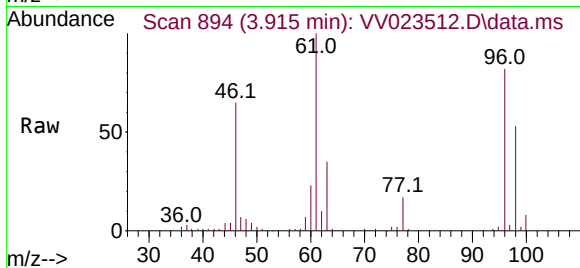




#22
 cis-1,2-Dichloroethene
 Concen: 5.988 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. -0.000 min
 Lab File: VV023512.D
 Acq: 16 Nov 2021 03:06

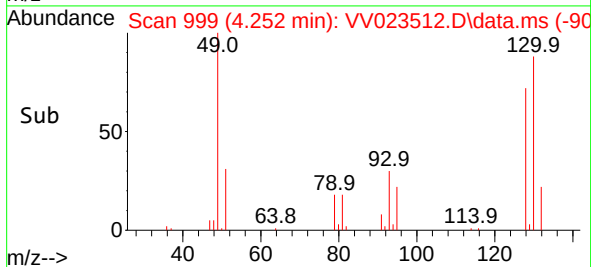
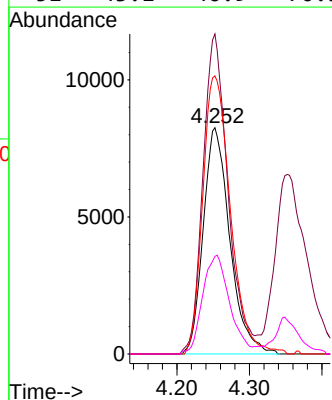
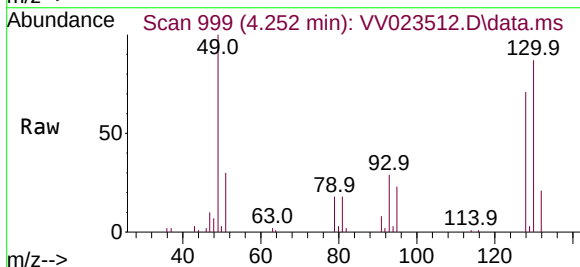
Instrument :
 MSVOA_V
 ClientSampleId :
 H4651MS

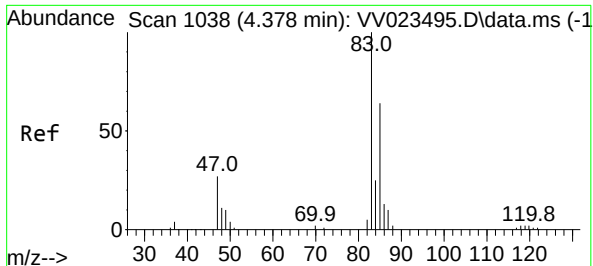
Tgt Ion: 96 Resp: 56642
 Ion Ratio Lower Upper
 96 100
 61 122.2 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 4.824 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.003 min
 Lab File: VV023512.D
 Acq: 16 Nov 2021 03:06

Tgt Ion: 128 Resp: 21040
 Ion Ratio Lower Upper
 128 100
 49 141.4 126.1 234.3
 130 122.9 95.2 176.8
 51 43.1 46.9 70.3#





#25

Chloroform

Concen: 4.601 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV023512.D

Acq: 16 Nov 2021 03:06

Instrument :

MSVOA_V

ClientSampleId :

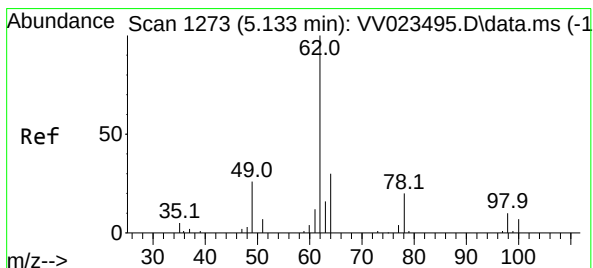
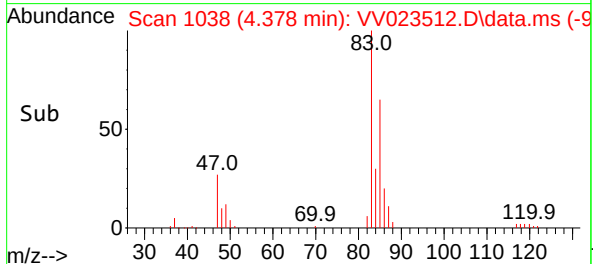
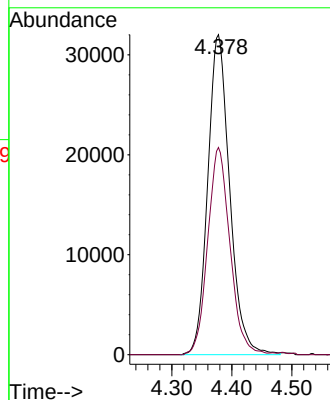
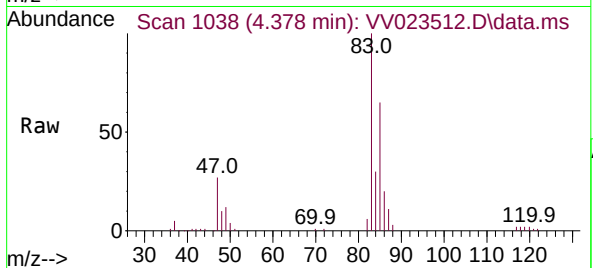
H4651MS

Tgt Ion: 83 Resp: 81387

Ion Ratio Lower Upper

83 100

85 64.7 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.095 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VV023512.D

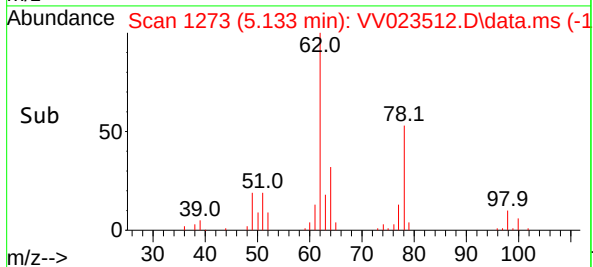
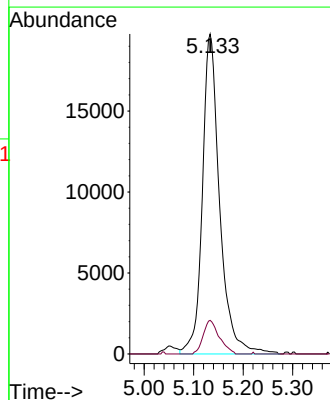
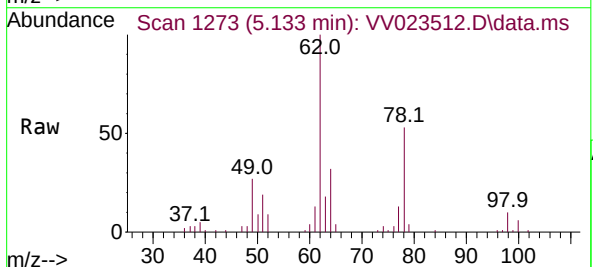
Acq: 16 Nov 2021 03:06

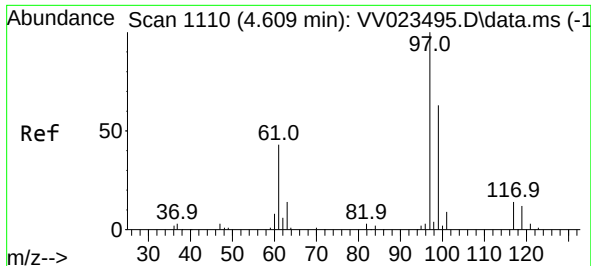
Tgt Ion: 62 Resp: 47939

Ion Ratio Lower Upper

62 100

98 10.5 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.641 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV023512.D

Acq: 16 Nov 2021 03:06

Instrument :

MSVOA_V

ClientSampleId :

H4651MS

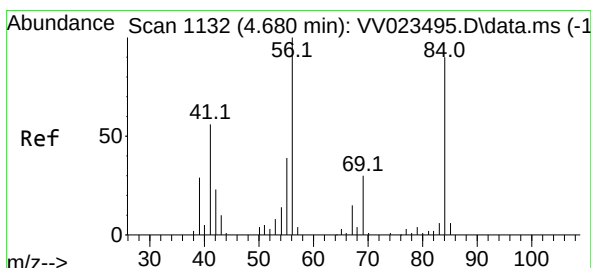
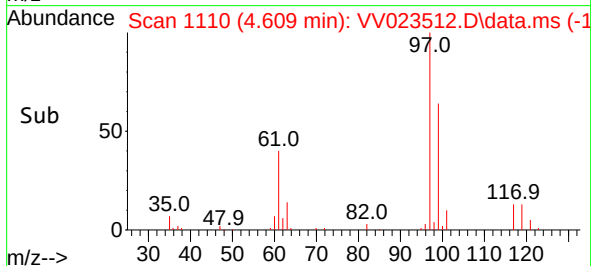
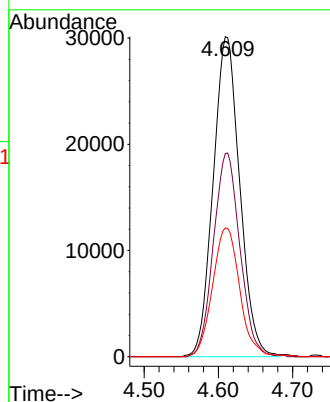
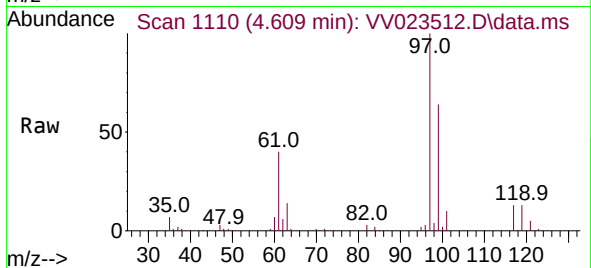
Tgt Ion: 97 Resp: 74925

Ion Ratio Lower Upper

97 100

99 63.2 51.0 76.4

61 41.1 34.1 51.1



#30

Cyclohexane

Concen: 4.166 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV023512.D

Acq: 16 Nov 2021 03:06

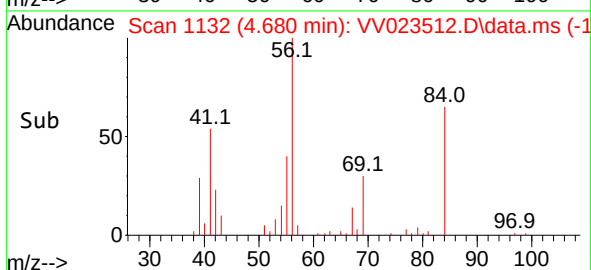
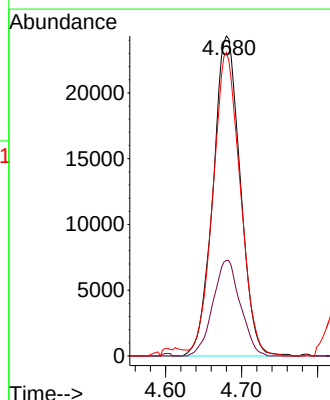
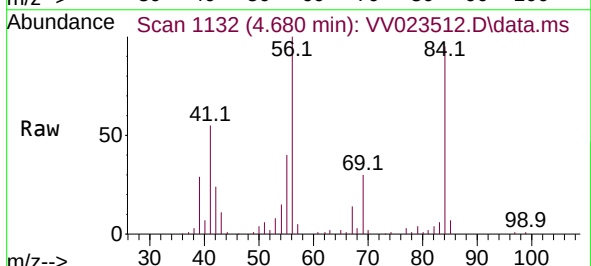
Tgt Ion: 56 Resp: 60264

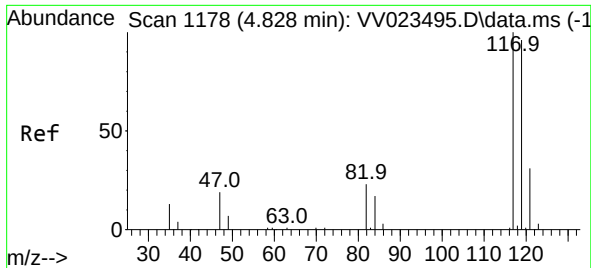
Ion Ratio Lower Upper

56 100

69 30.3 23.5 35.3

84 95.4 71.6 107.4

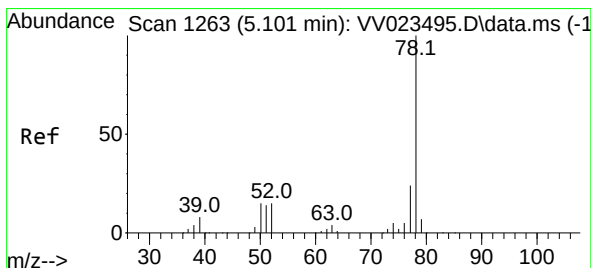
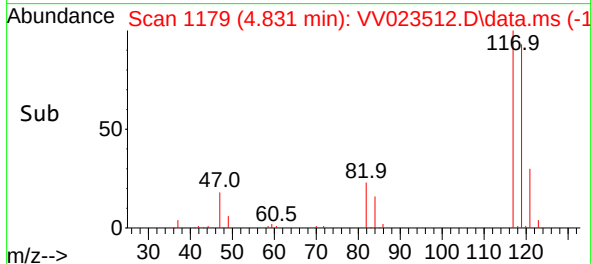
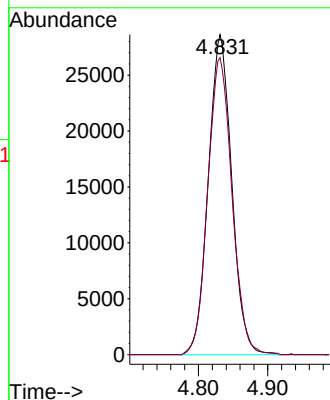
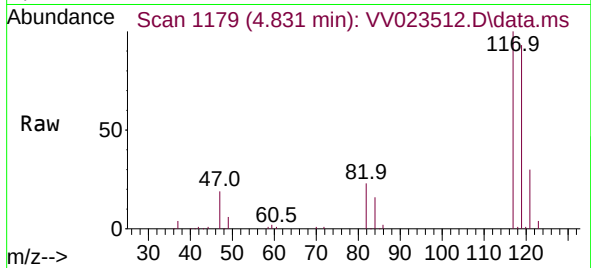




#31
Carbon tetrachloride
Concen: 4.632 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

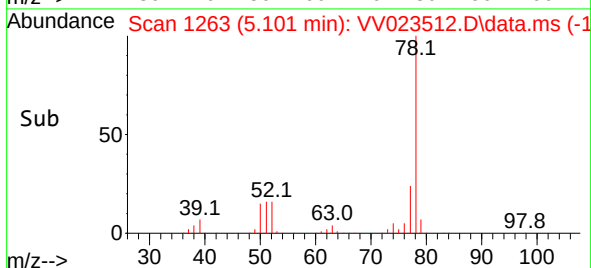
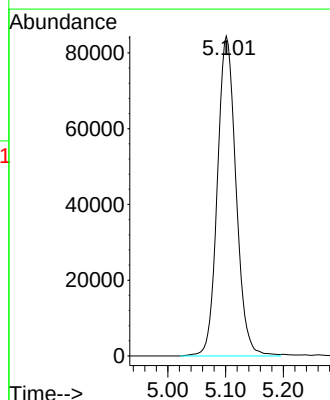
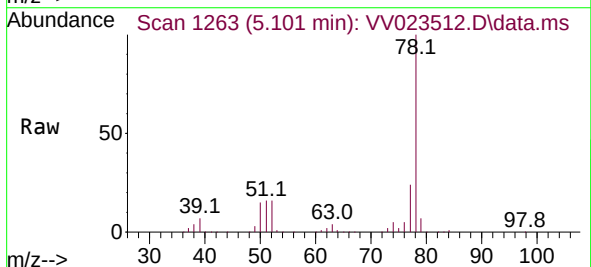
Instrument :
MSVOA_V
ClientSampleId :
H4651MS

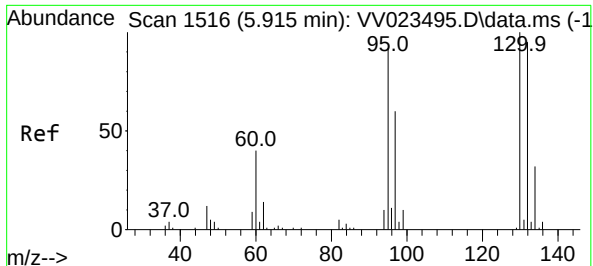
Tgt Ion:117 Resp: 67154
Ion Ratio Lower Upper
117 100
119 96.2 78.8 118.2



#33
Benzene
Concen: 5.099 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

Tgt Ion: 78 Resp: 189424

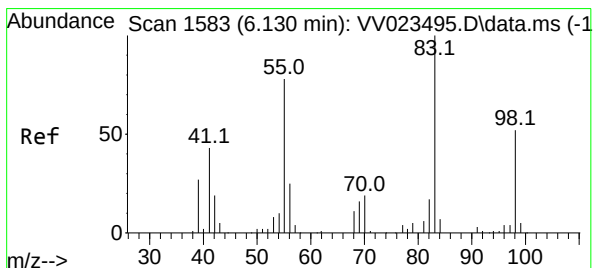
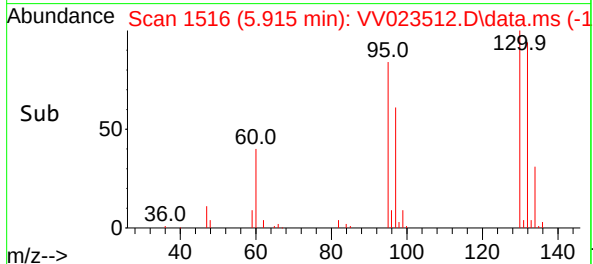
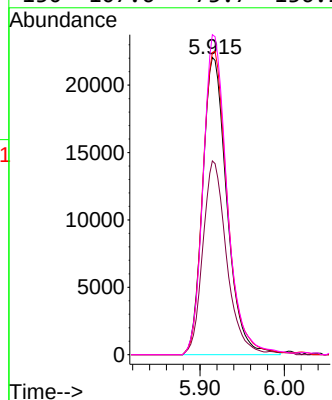
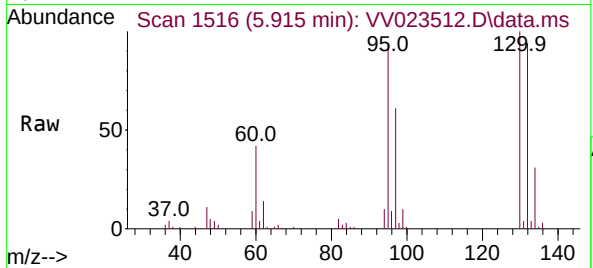




#34
Trichloroethene
Concen: 4.470 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

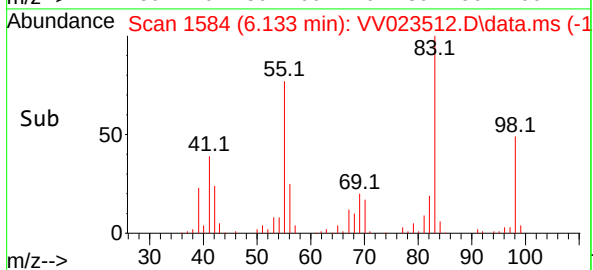
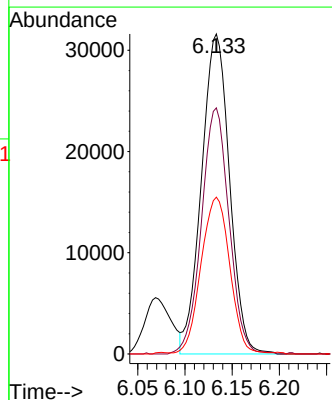
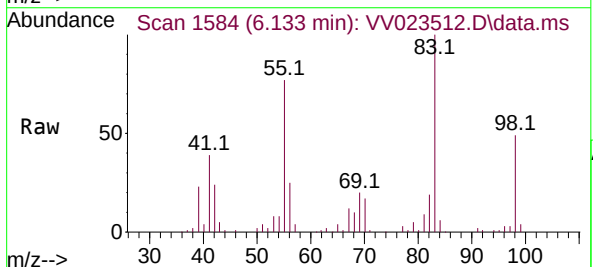
Instrument :
MSVOA_V
ClientSampleId :
H4651MS

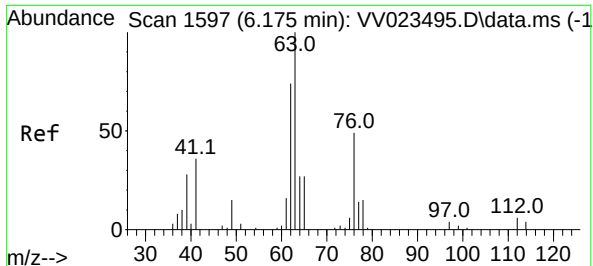
Tgt Ion: 95 Resp: 44160
Ion Ratio Lower Upper
95 100
97 65.2 45.0 83.6
132 101.7 69.7 129.4
130 107.6 73.7 136.9



#35
Methylcyclohexane
Concen: 4.191 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

Tgt Ion: 83 Resp: 65361
Ion Ratio Lower Upper
83 100
55 75.5 62.8 94.2
98 49.2 37.9 56.9

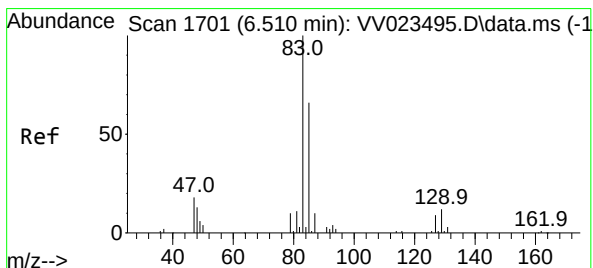
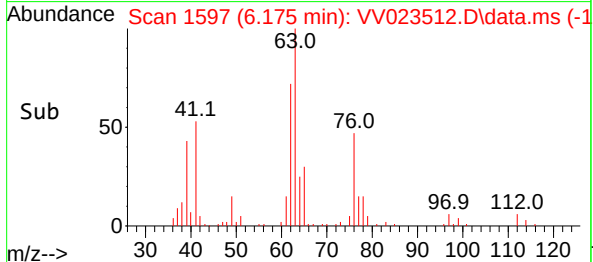
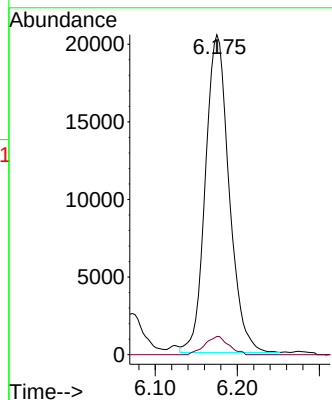
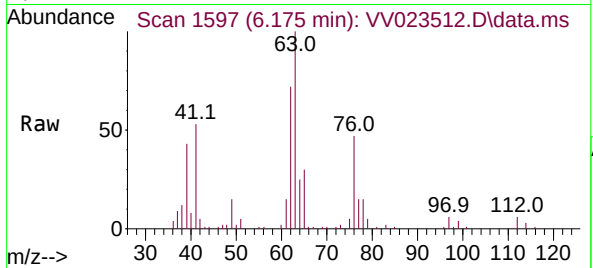




#37
1,2-Dichloropropane
Concen: 4.742 ug/L
RT: 6.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

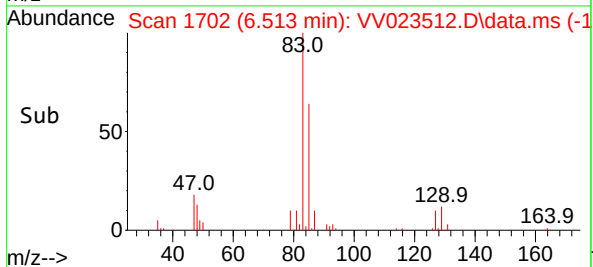
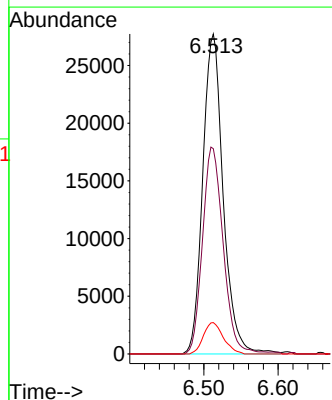
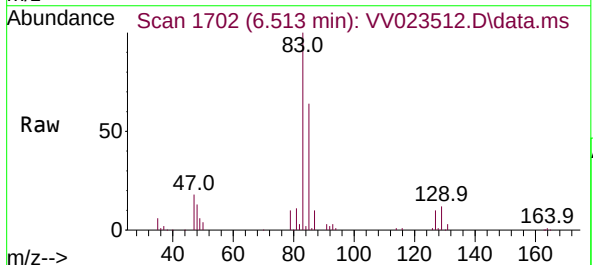
Instrument :
MSVOA_V
ClientSampleId :
H4651MS

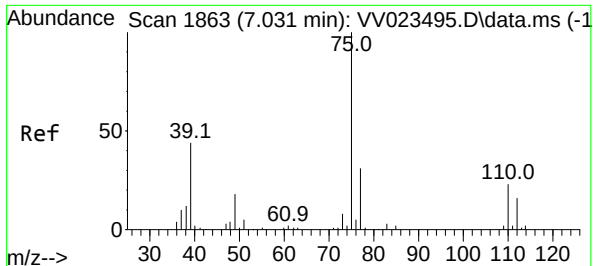
Tgt Ion: 63 Resp: 41129
Ion Ratio Lower Upper
63 100
112 5.7 4.6 6.8



#38
Bromodichloromethane
Concen: 4.561 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

Tgt Ion: 83 Resp: 53009
Ion Ratio Lower Upper
83 100
85 64.2 46.1 85.7
127 9.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.372 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV023512.D

Acq: 16 Nov 2021 03:06

Instrument :

MSVOA_V

ClientSampleId :

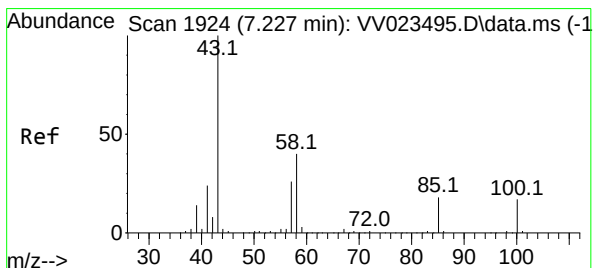
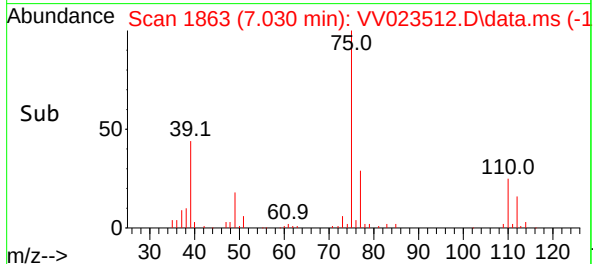
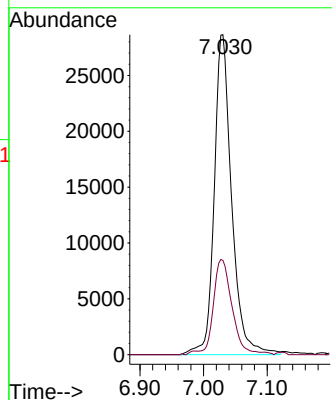
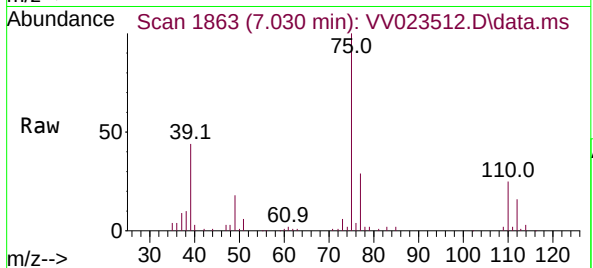
H4651MS

Tgt Ion: 75 Resp: 54539

Ion Ratio Lower Upper

75 100

77 29.4 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 53.352 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV023512.D

Acq: 16 Nov 2021 03:06

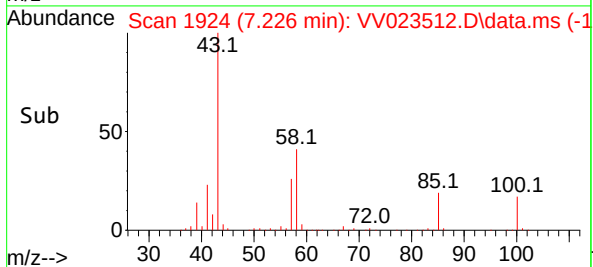
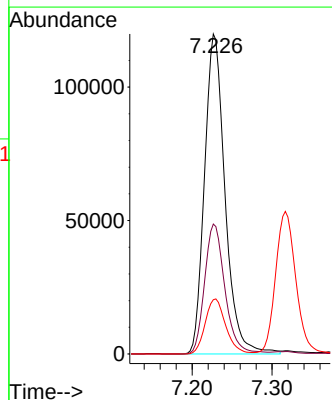
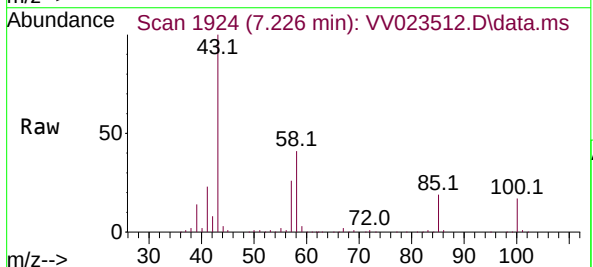
Tgt Ion: 43 Resp: 214612

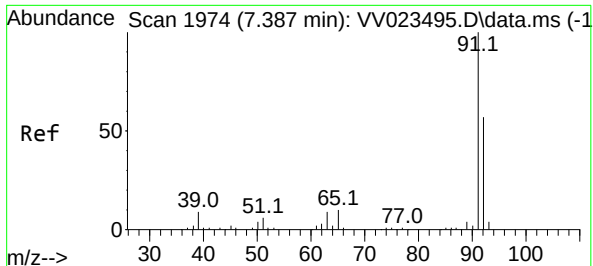
Ion Ratio Lower Upper

43 100

58 40.2 31.1 46.7

100 17.2 12.6 19.0





#42

Toluene

Concen: 4.873 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV023512.D

Acq: 16 Nov 2021 03:06

Instrument :

MSVOA_V

ClientSampleId :

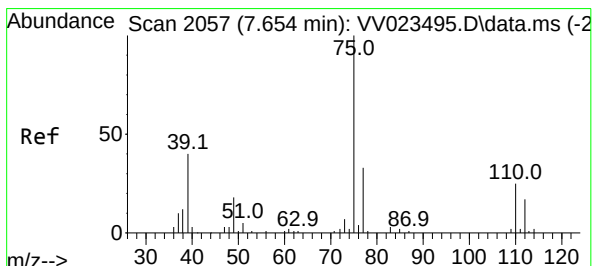
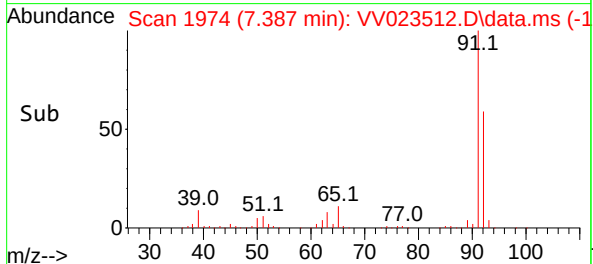
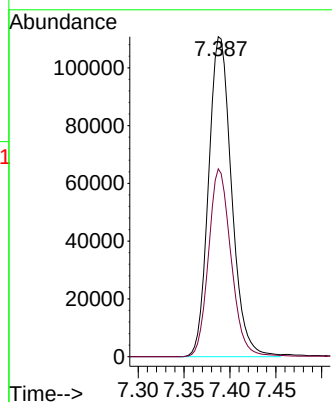
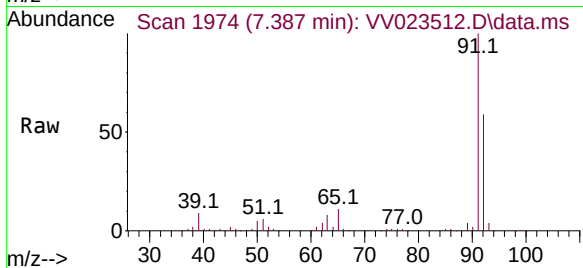
H4651MS

Tgt Ion: 91 Resp: 193635

Ion Ratio Lower Upper

91 100

92 58.7 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 4.599 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV023512.D

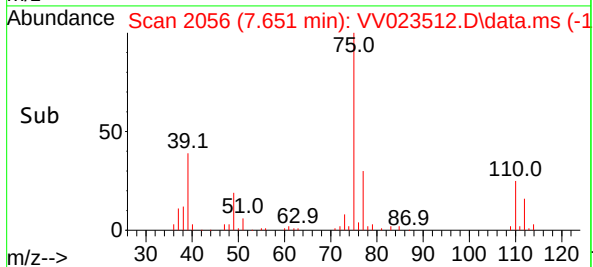
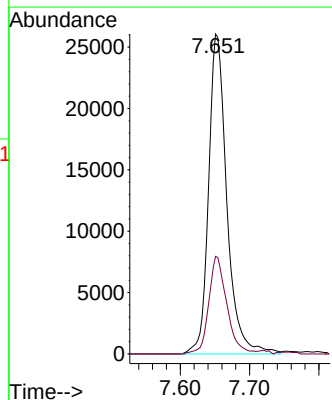
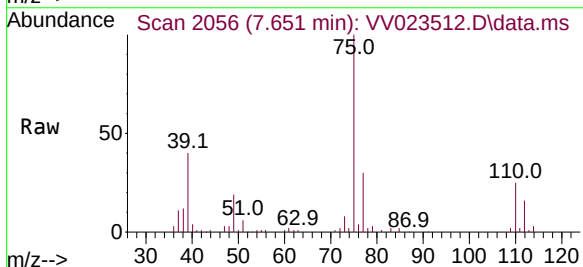
Acq: 16 Nov 2021 03:06

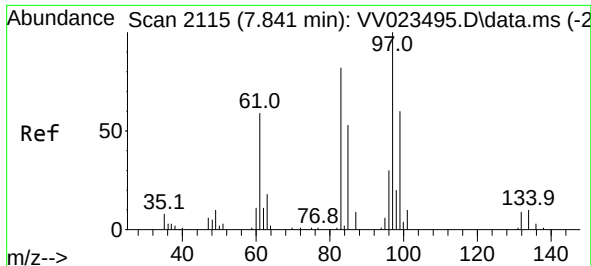
Tgt Ion: 75 Resp: 47603

Ion Ratio Lower Upper

75 100

77 30.5 22.5 41.7



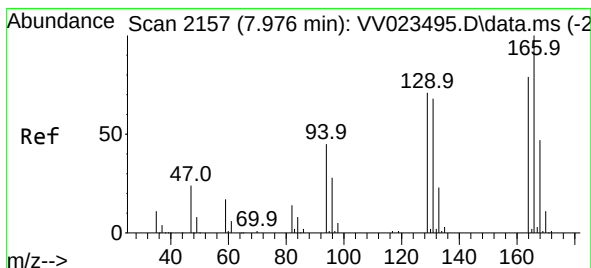
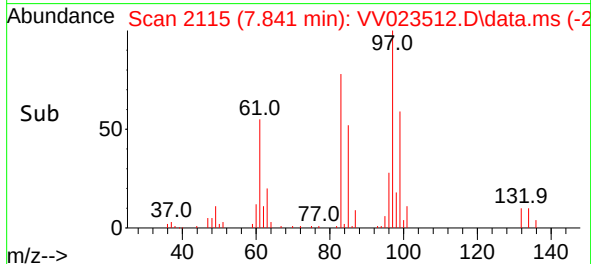
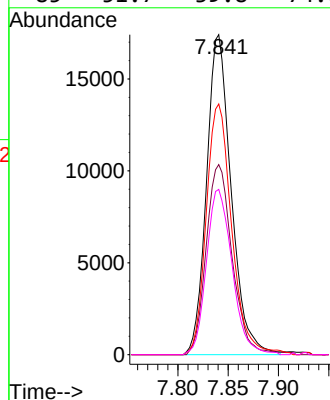
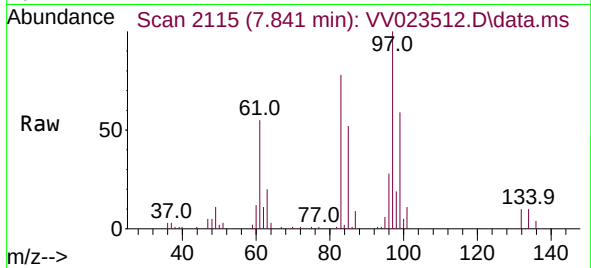


#45
1,1,2-Trichloroethane
Concen: 4.774 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

Instrument :
MSVOA_V
ClientSampleId :
H4651MS

Tgt Ion: 97 Resp: 29748

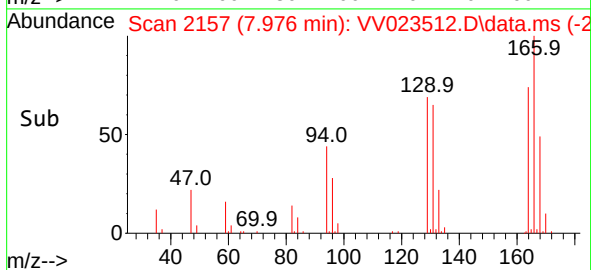
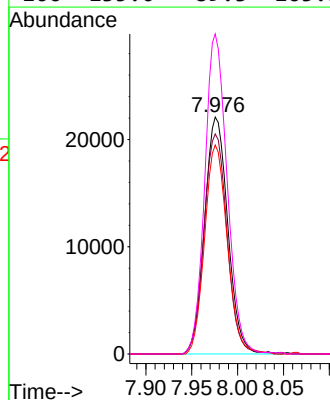
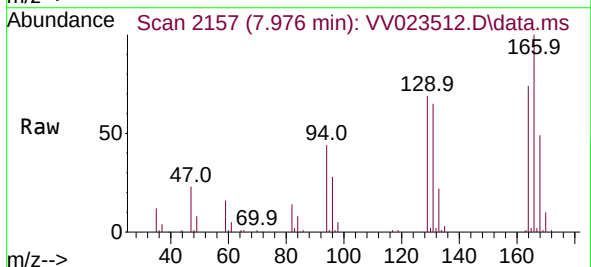
Ion	Ratio	Lower	Upper
97	100		
99	59.4	43.6	81.0
83	78.3	58.4	108.4
85	51.7	39.8	74.0

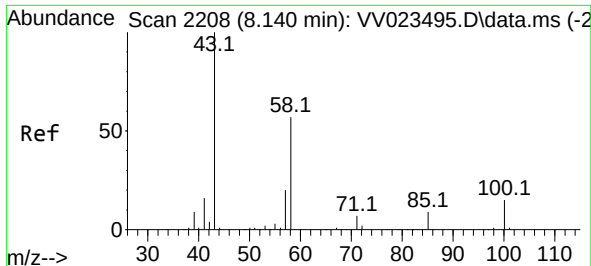


#47
Tetrachloroethene
Concen: 4.544 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

Tgt Ion: 164 Resp: 38911

Ion	Ratio	Lower	Upper
164	100		
129	92.8	64.0	119.0
131	88.1	63.4	117.8
166	135.0	89.3	165.9

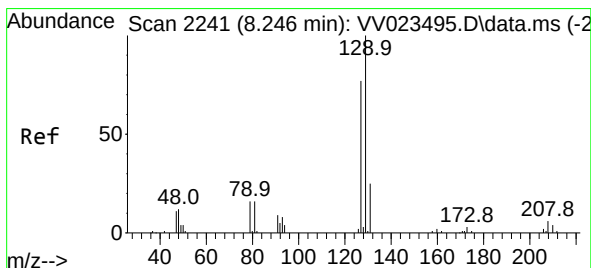
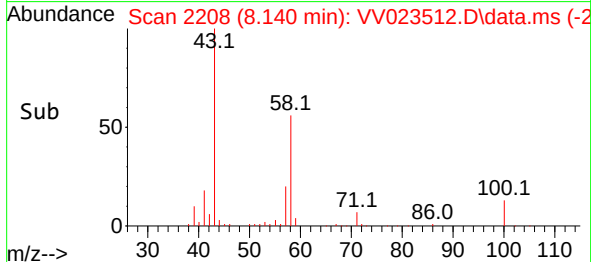
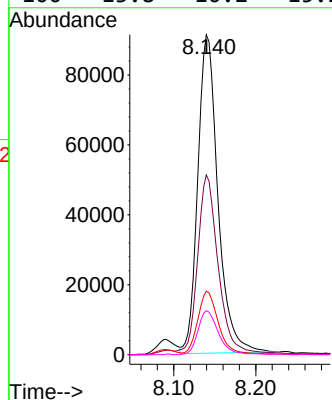
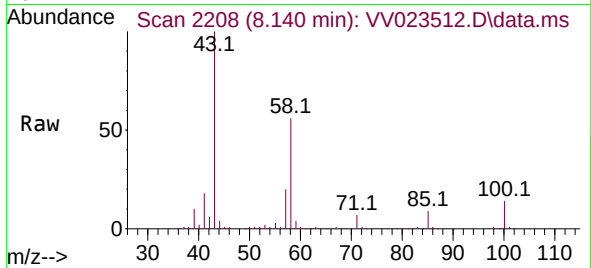




#48
2-Hexanone
Concen: 55.256 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

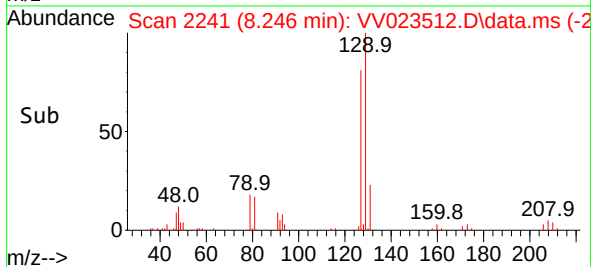
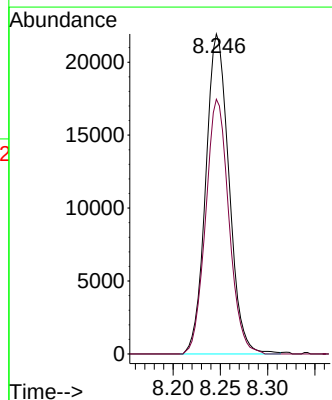
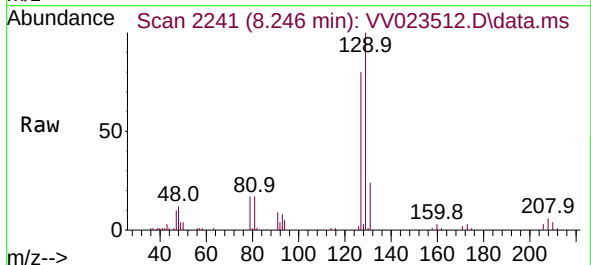
Instrument :
MSVOA_V
ClientSampleId :
H4651MS

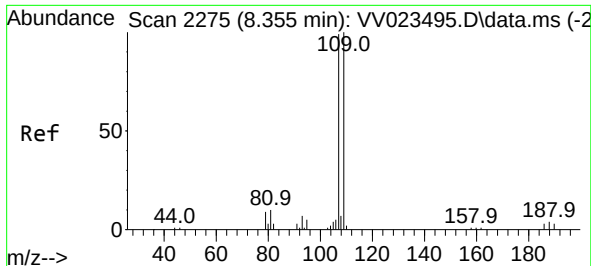
Tgt Ion: 43 Resp: 155747
Ion Ratio Lower Upper
43 100
58 57.7 43.7 65.5
57 19.9 14.1 21.1
100 13.8 10.2 15.2



#49
Dibromochloromethane
Concen: 4.755 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

Tgt Ion: 129 Resp: 37542
Ion Ratio Lower Upper
129 100
127 79.6 54.7 101.7





#50

1,2-Dibromoethane

Concen: 4.679 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV023512.D

Acq: 16 Nov 2021 03:06

Instrument :

MSVOA_V

ClientSampleId :

H4651MS

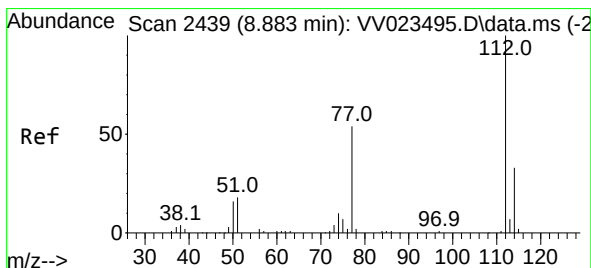
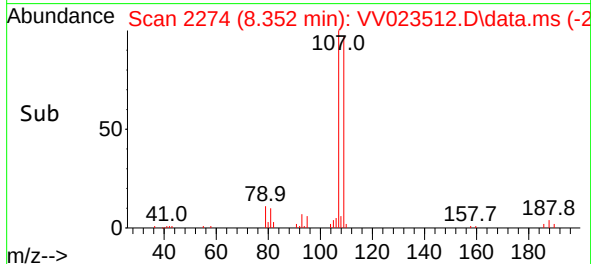
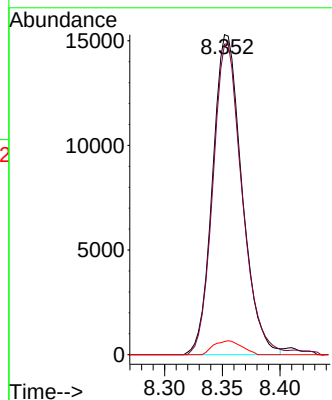
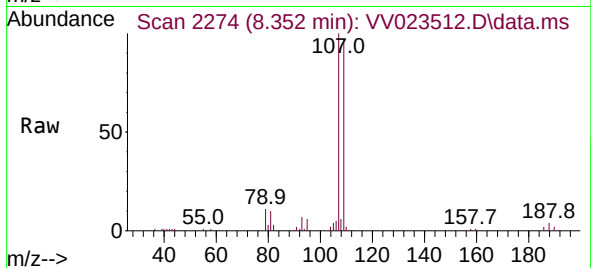
Tgt Ion:107 Resp: 27024

Ion Ratio Lower Upper

107 100

109 97.1 64.7 120.1

188 4.1 3.6 5.4



#51

Chlorobenzene

Concen: 4.584 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VV023512.D

Acq: 16 Nov 2021 03:06

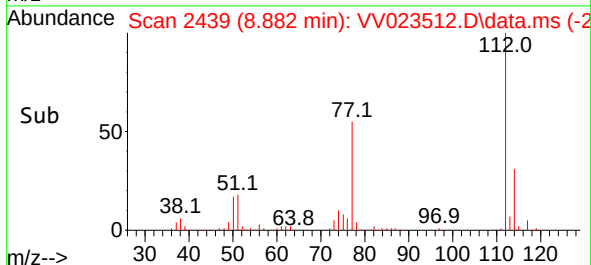
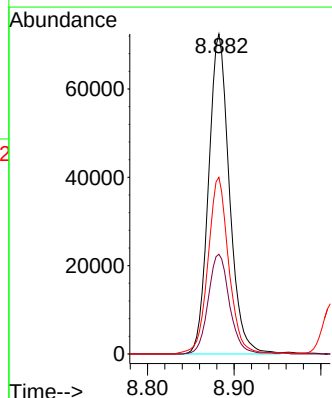
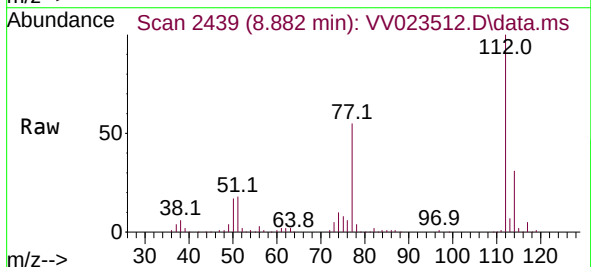
Tgt Ion:112 Resp: 121066

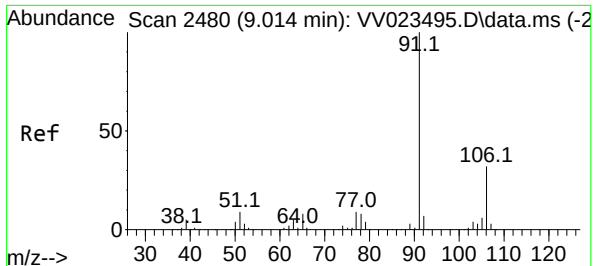
Ion Ratio Lower Upper

112 100

114 31.2 22.0 40.8

77 55.2 44.4 66.6





#52

Ethylbenzene

Concen: 4.609 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.000 min

Lab File: VV023512.D

Acq: 16 Nov 2021 03:06

Instrument :

MSVOA_V

ClientSampleId :

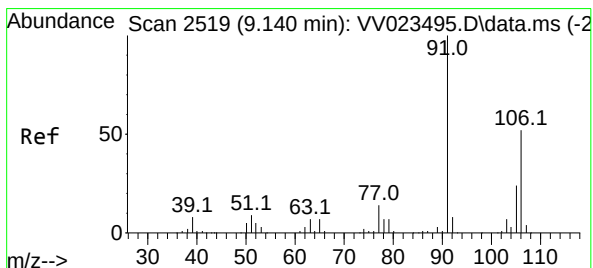
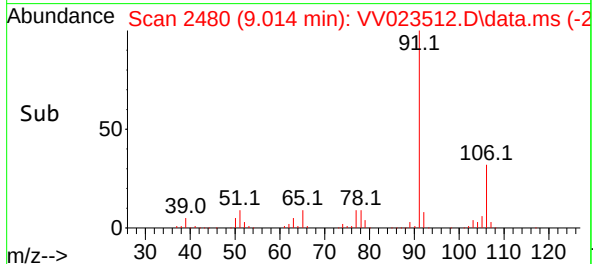
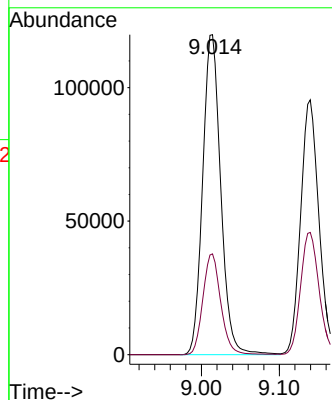
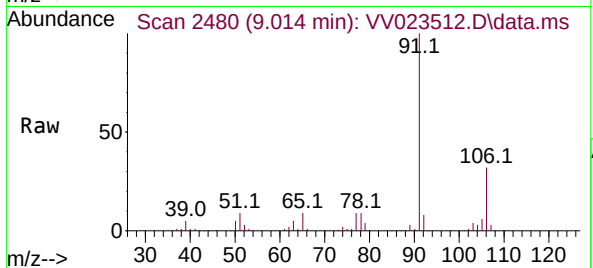
H4651MS

Tgt Ion: 91 Resp: 193158

Ion Ratio Lower Upper

91 100

106 31.5 22.5 41.9



#53

m,p-xylene

Concen: 4.580 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV023512.D

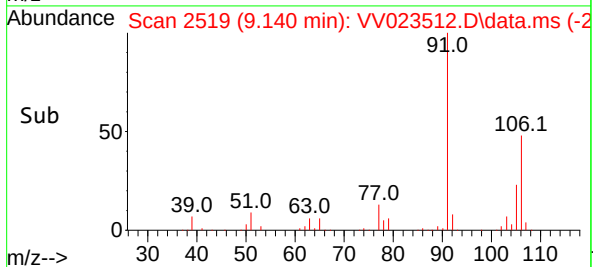
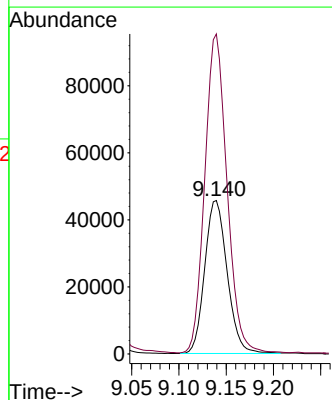
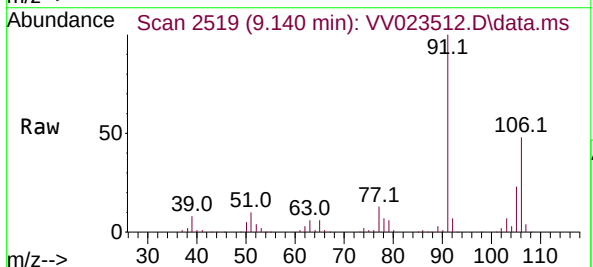
Acq: 16 Nov 2021 03:06

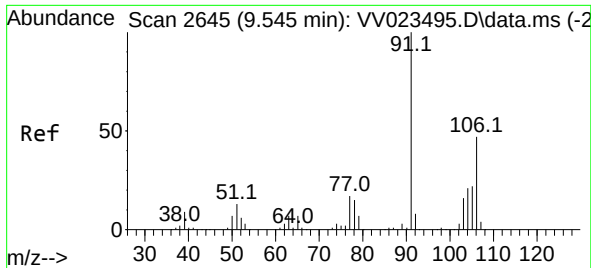
Tgt Ion: 106 Resp: 75338

Ion Ratio Lower Upper

106 100

91 208.4 137.2 254.8

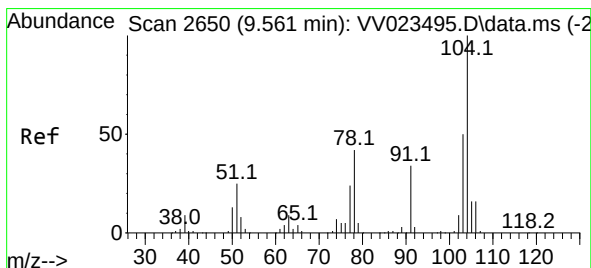
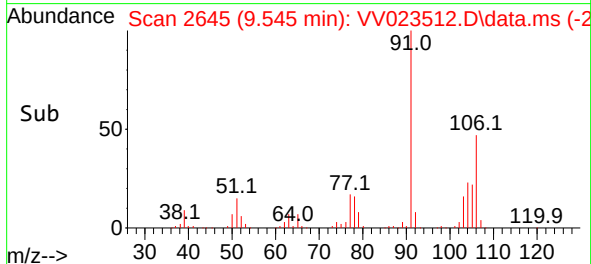
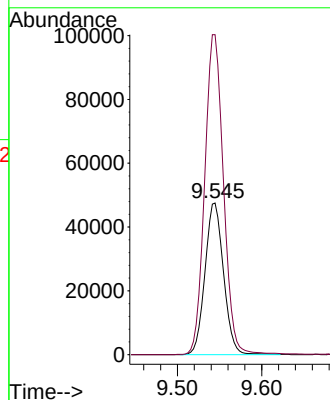
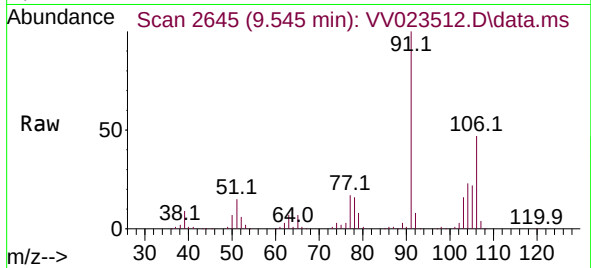




#54
o-xylene
Concen: 4.733 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

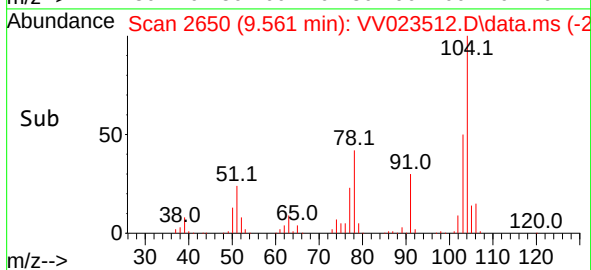
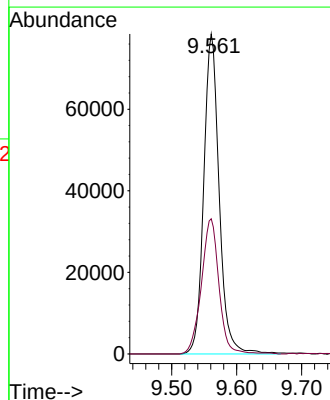
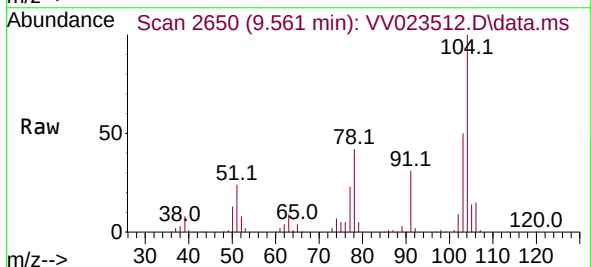
Instrument :
MSVOA_V
ClientSampleId :
H4651MS

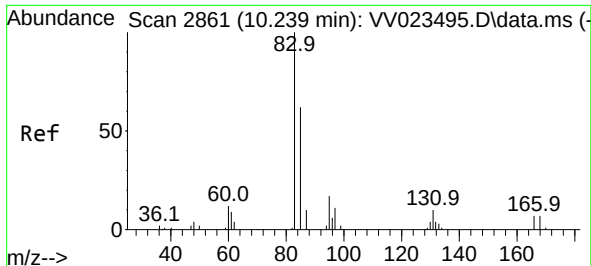
Tgt Ion:106 Resp: 73029
Ion Ratio Lower Upper
106 100
91 210.9 148.3 275.5



#55
Styrene
Concen: 4.906 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

Tgt Ion:104 Resp: 129685
Ion Ratio Lower Upper
104 100
78 42.3 29.3 54.3





#57

1,1,2,2-Tetrachloroethane

Concen: 4.950 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV023512.D

Acq: 16 Nov 2021 03:06

Instrument :

MSVOA_V

ClientSampleId :

H4651MS

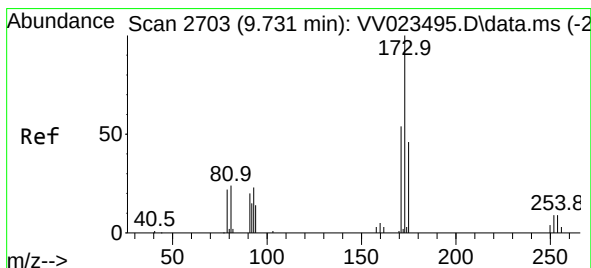
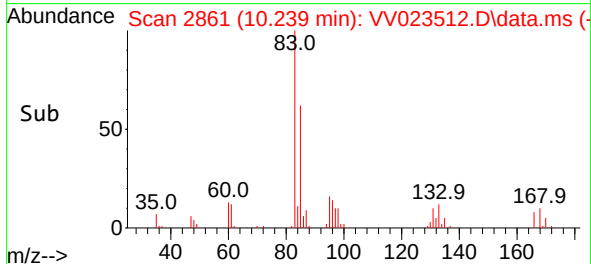
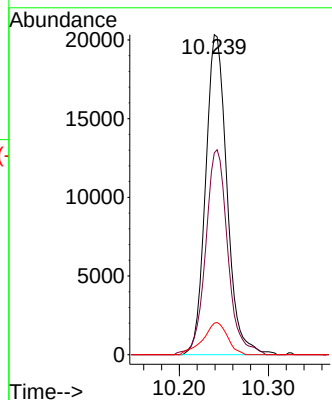
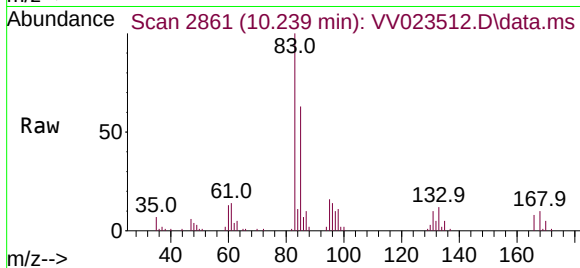
Tgt Ion: 83 Resp: 33795

Ion Ratio Lower Upper

83 100

85 63.0 45.1 83.9

131 9.8 7.8 11.6



#59

Bromoform

Concen: 4.551 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV023512.D

Acq: 16 Nov 2021 03:06

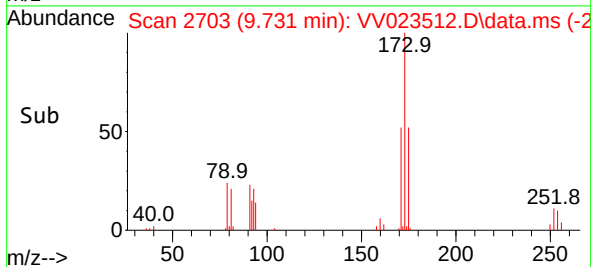
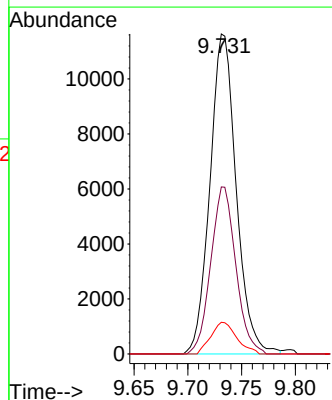
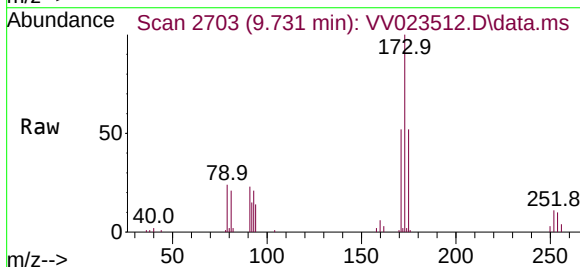
Tgt Ion: 173 Resp: 19781

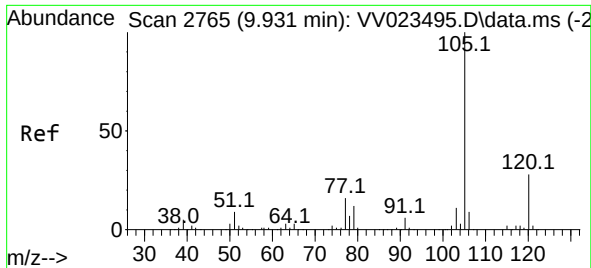
Ion Ratio Lower Upper

173 100

175 49.7 38.2 57.2

254 9.7 6.2 9.2#

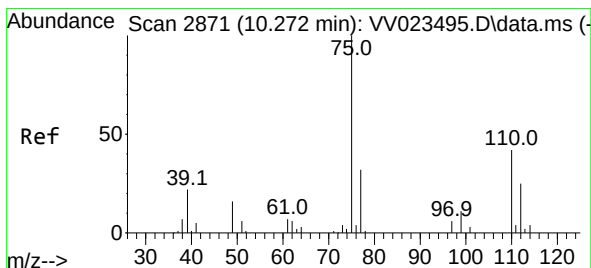
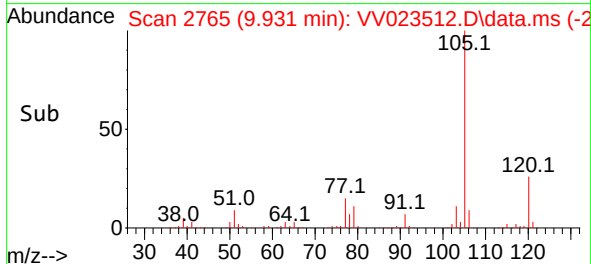
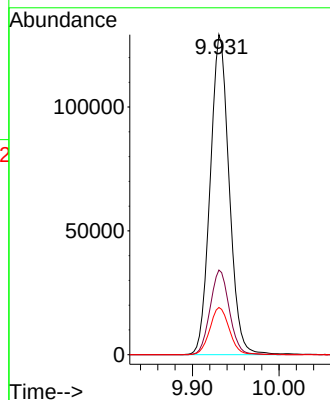
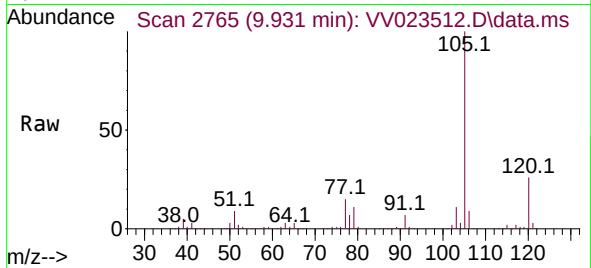




#60
Isopropylbenzene
Concen: 4.709 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

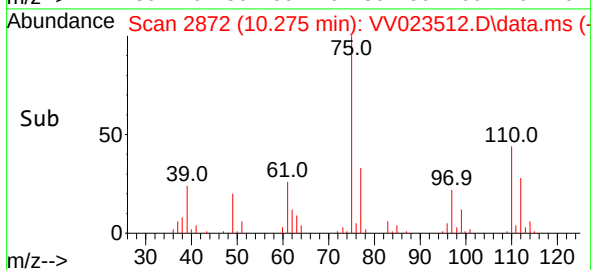
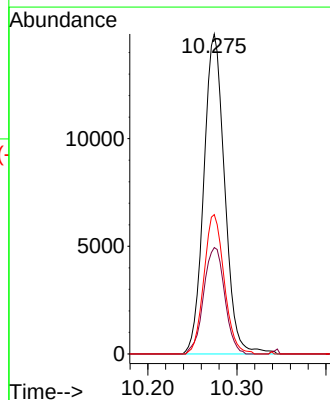
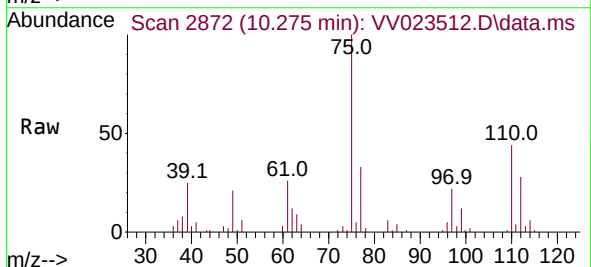
Instrument :
MSVOA_V
ClientSampleId :
H4651MS

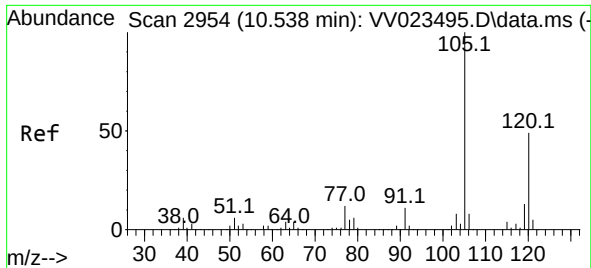
Tgt Ion:105 Resp: 196649
Ion Ratio Lower Upper
105 100
120 26.7 21.7 32.5
77 15.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.990 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

Tgt Ion: 75 Resp: 24122
Ion Ratio Lower Upper
75 100
77 33.5 26.6 39.8
110 42.3 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.655 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV023512.D

Acq: 16 Nov 2021 03:06

Instrument :

MSVOA_V

ClientSampleId :

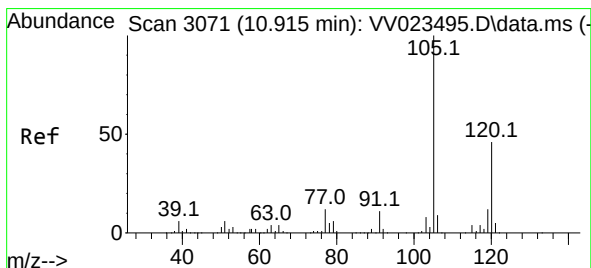
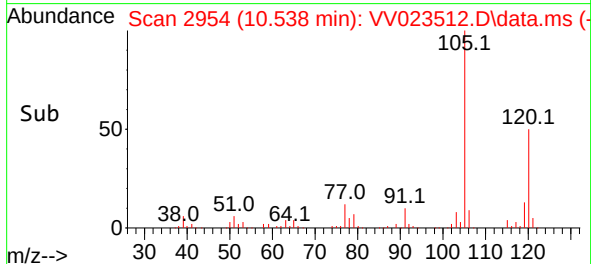
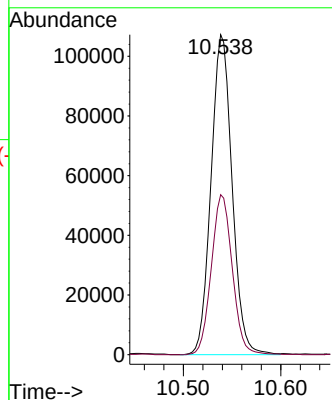
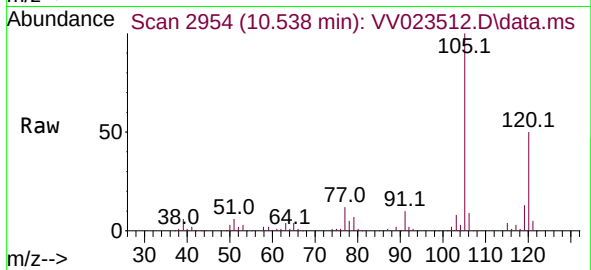
H4651MS

Tgt Ion:105 Resp: 161206

Ion Ratio Lower Upper

105 100

120 49.8 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 4.808 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV023512.D

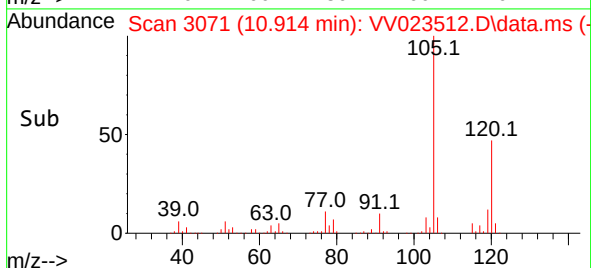
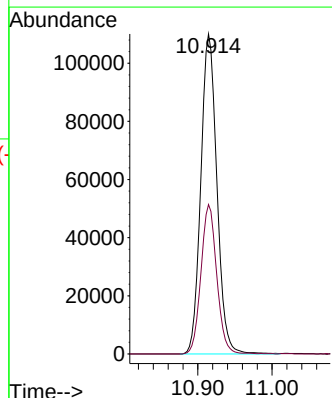
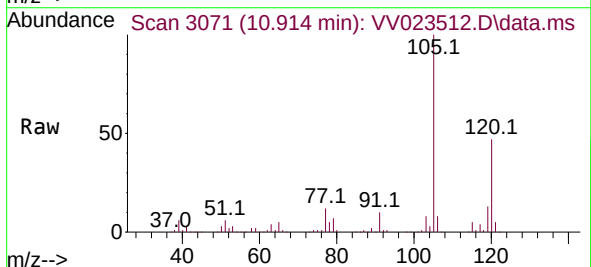
Acq: 16 Nov 2021 03:06

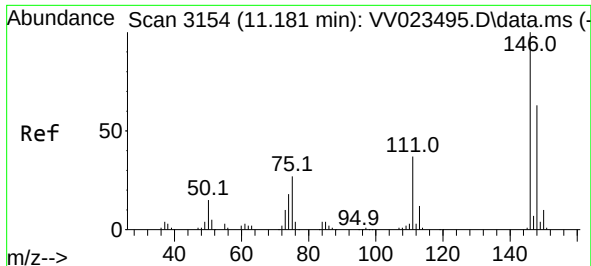
Tgt Ion:105 Resp: 165725

Ion Ratio Lower Upper

105 100

120 45.7 37.4 56.2

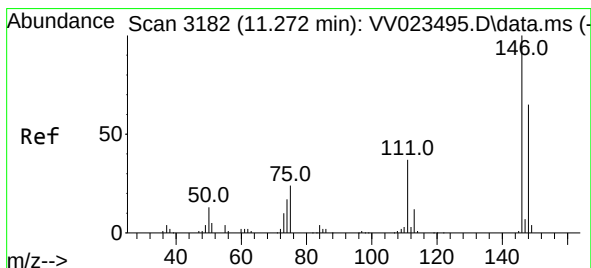
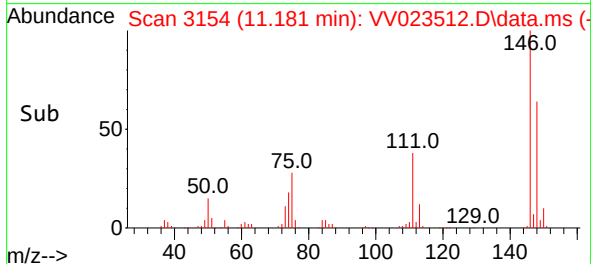
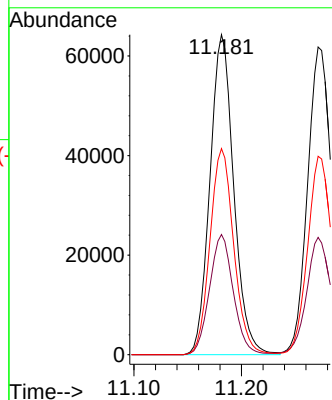
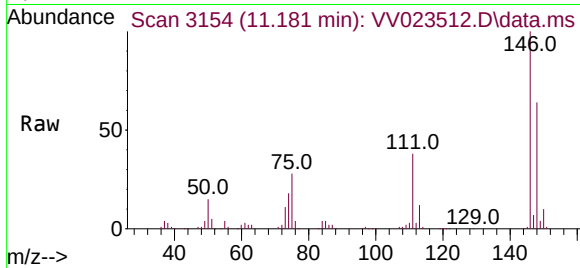




#64
1,3-Dichlorobenzene
Concen: 4.637 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

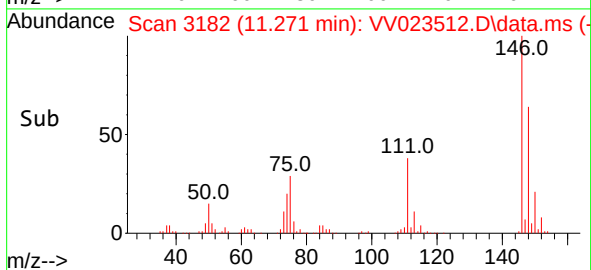
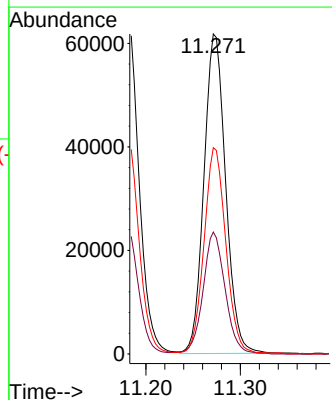
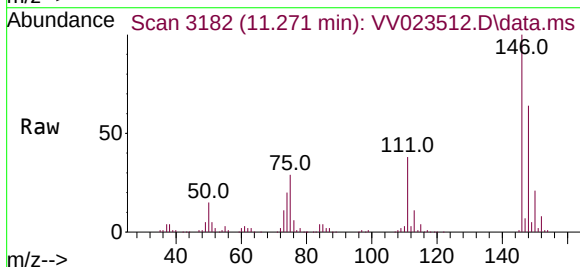
Instrument :
MSVOA_V
ClientSampleId :
H4651MS

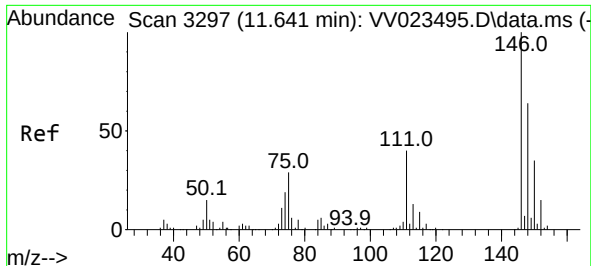
Tgt Ion:146 Resp: 98945
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.7
148 64.4 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.517 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

Tgt Ion:146 Resp: 98427
Ion Ratio Lower Upper
146 100
111 38.1 26.2 48.8
148 64.5 44.4 82.5

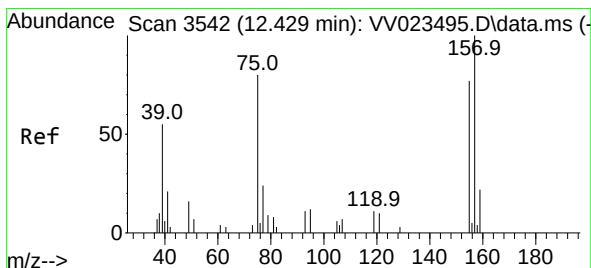
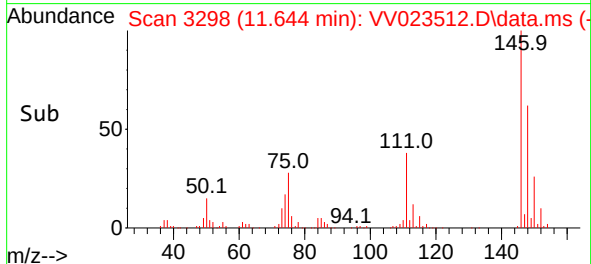
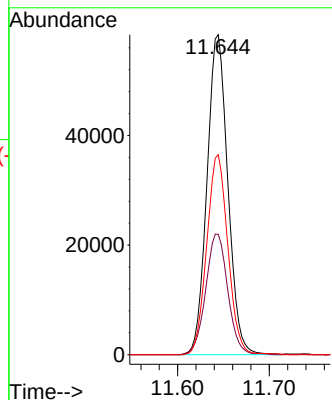
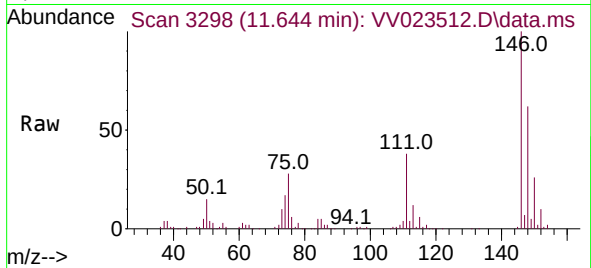




#67
1,2-Dichlorobenzene
Concen: 4.837 ug/L
RT: 11.644 min Scan# 3297
Delta R.T. 0.003 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

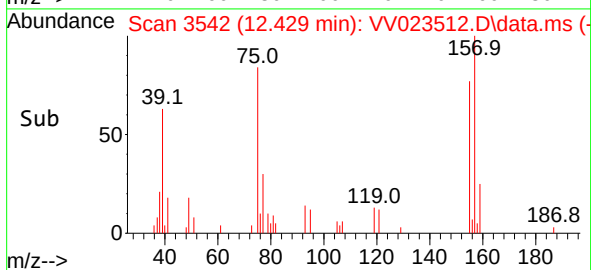
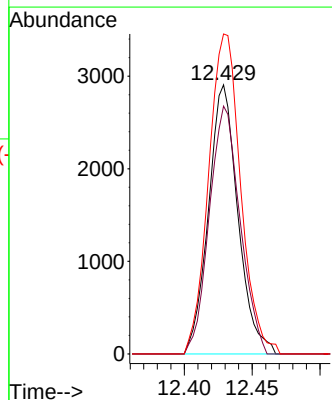
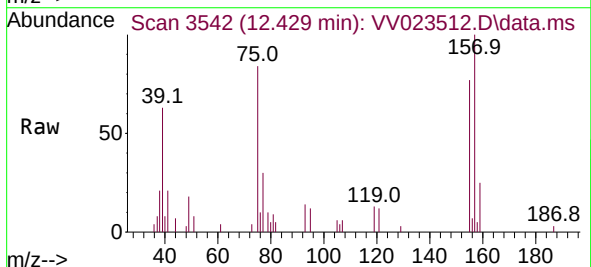
Instrument :
MSVOA_V
ClientSampleId :
H4651MS

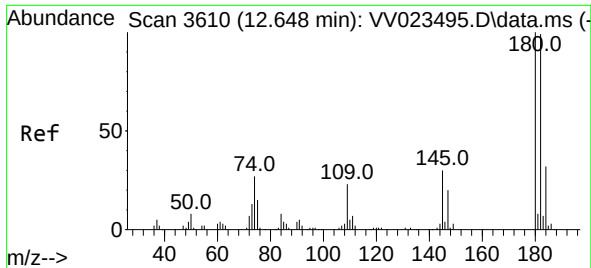
Tgt Ion:146 Resp: 92351
Ion Ratio Lower Upper
146 100
111 37.6 31.6 47.4
148 62.5 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.267 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

Tgt Ion: 75 Resp: 4395
Ion Ratio Lower Upper
75 100
155 92.1 67.7 101.5
157 118.9 87.9 131.9

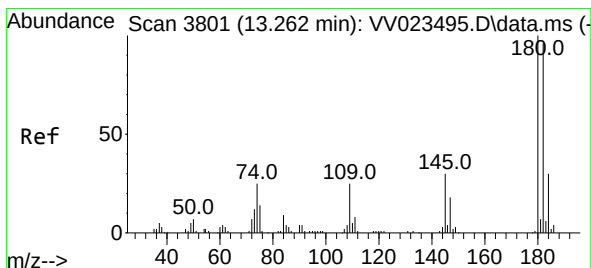
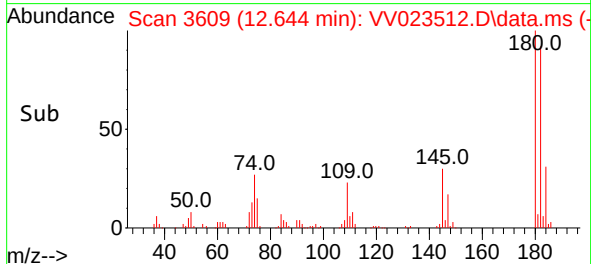
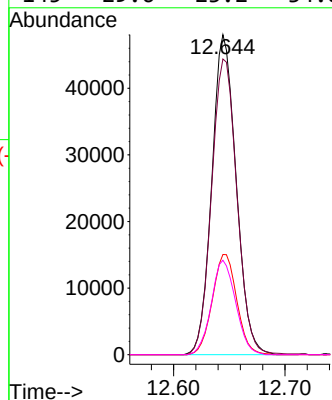
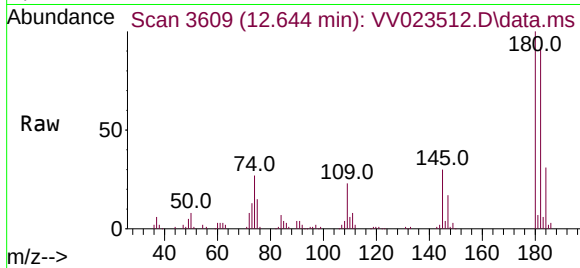




#69
1,3,5-Trichlorobenzene
Concen: 4.356 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

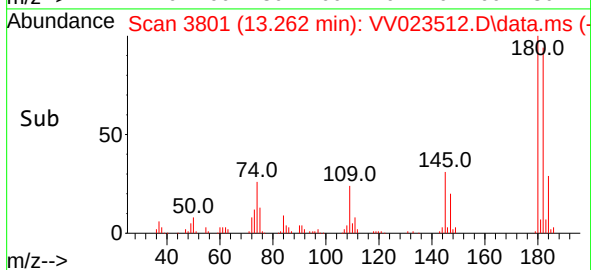
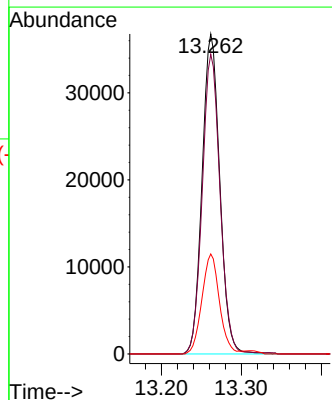
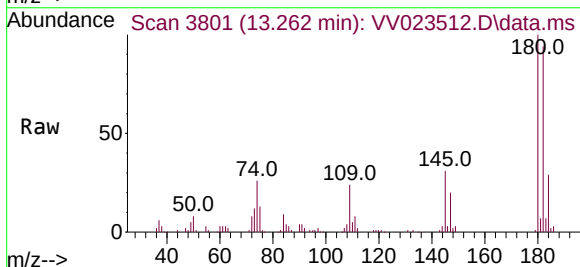
Instrument :
MSVOA_V
ClientSampleId :
H4651MS

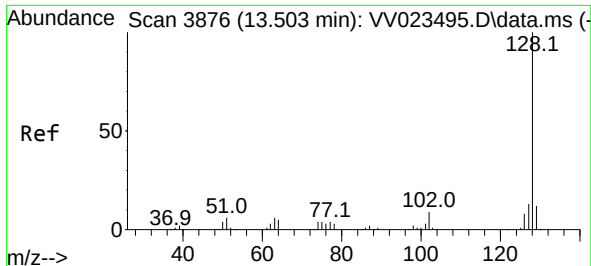
Tgt Ion:180 Resp: 72784
Ion Ratio Lower Upper
180 100
182 96.1 74.9 112.3
184 31.6 23.8 35.8
145 29.6 23.2 34.8



#70
1,2,4-trichlorobenzene
Concen: 4.228 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

Tgt Ion:180 Resp: 56562
Ion Ratio Lower Upper
180 100
182 94.4 76.9 115.3
145 31.1 24.4 36.6

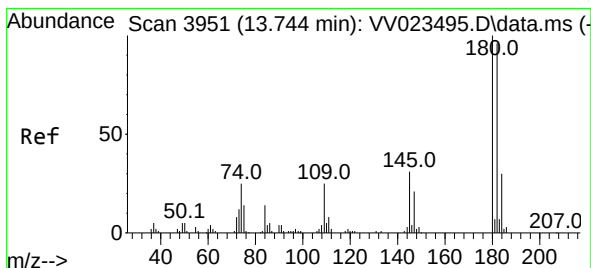
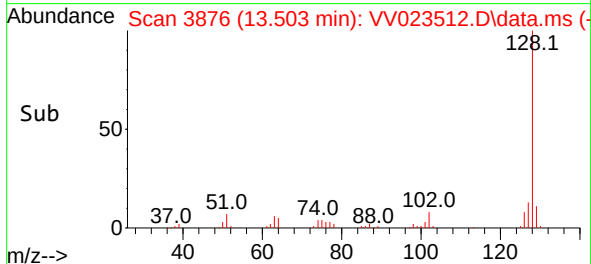
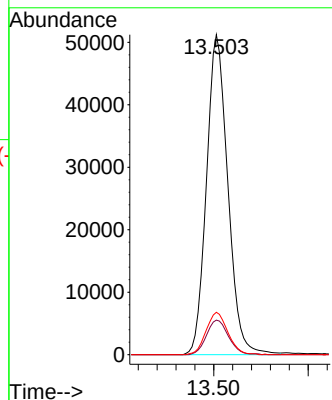
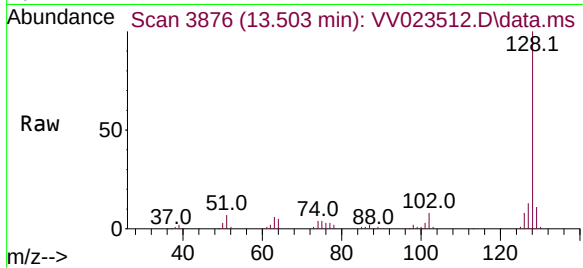




#71
Naphthalene
Concen: 4.077 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

Instrument :
MSVOA_V
ClientSampleId :
H4651MS

Tgt Ion:128 Resp: 80427
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.5 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 4.419 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023512.D
Acq: 16 Nov 2021 03:06

Tgt Ion:180 Resp: 51733
Ion Ratio Lower Upper
180 100
182 94.9 76.7 115.1
145 30.9 25.7 38.5

