

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023267.D
 Acq On : 06 Nov 2021 05:14
 Operator : SY/MD
 Sample : M4545-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4605MSD

Quant Time: Nov 09 04:48:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 03:48:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	81325	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	83355	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	45146	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	21699	4.259	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.571	69	18641	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.114	63	44204	4.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	3.883	46	102722	117.032	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	234.060%#
24) Chloroform-d	4.352	84	53122	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.037	65	29920	6.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.600%
32) Benzene-d6	5.053	84	96587	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.072	67	30481	4.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.316	98	90666	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.625	79	13528	5.667	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.400%
46) 2-Hexanone-d5	8.088	63	80597	91.761	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	183.520%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32596	7.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	144.000%#
66) 1,2-Dichlorobenzene-d4	11.625	152	37403	4.976	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	40098	5.056	ug/L	100
3) Chloromethane	1.243	50	36400	5.399	ug/L	95
5) Vinyl chloride	1.314	62	34058	5.058	ug/L	100
6) Bromomethane	1.523	94	13821	3.211	ug/L	96
8) Chloroethane	1.587	64	19756	5.084	ug/L	92
9) Trichlorofluoromethane	1.757	101	51705	5.110	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	26339	5.171	ug/L	98
12) 1,1-Dichloroethene	2.124	96	24917	5.138	ug/L	80
13) Acetone	2.175	43	63876	119.102	ug/L	94
14) Carbon disulfide	2.297	76	86318	4.717	ug/L	99
15) Methyl Acetate	2.436	43	12978	8.550	ug/L	96
16) Methylene chloride	2.510	84	30906	4.367	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	71809	6.727	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	28334	4.753	ug/L	98
19) 1,1-Dichloroethane	3.194	63	50086	4.976	ug/L	96
21) 2-Butanone	3.966	43	97844	112.841	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	30843	5.376	ug/L #	90
23) Bromochloromethane	4.256	128	15932	6.022	ug/L #	80
25) Chloroform	4.381	83	54129	5.045	ug/L	98

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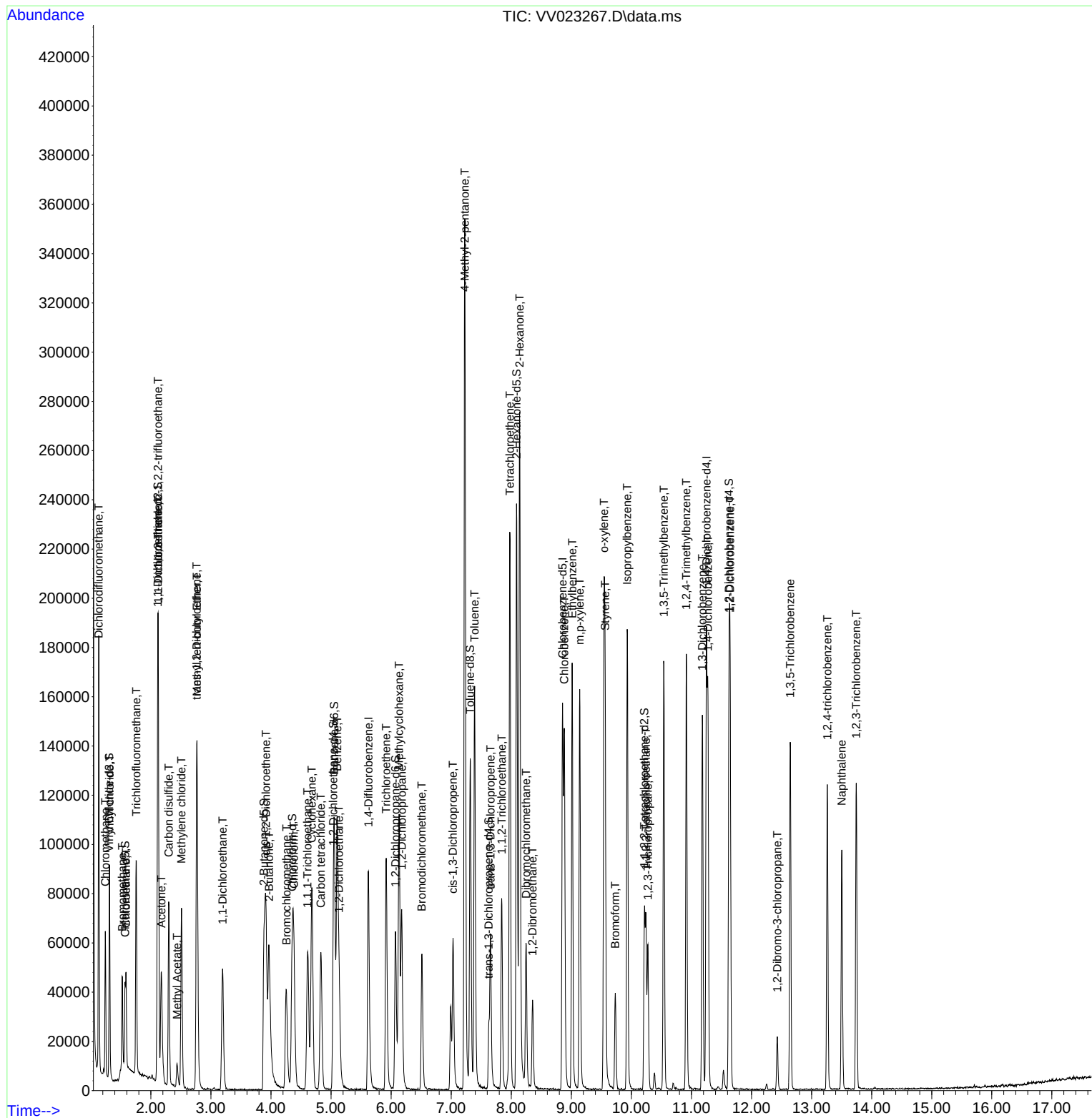
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	35012	6.135	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	46111	4.555	ug/L	97
30) Cyclohexane	4.680	56	42478	4.683	ug/L	98
31) Carbon tetrachloride	4.831	117	41950	4.614	ug/L	99
33) Benzene	5.101	78	112080	4.811	ug/L	100
34) Trichloroethene	5.918	95	33677	5.436	ug/L	96
35) Methylcyclohexane	6.133	83	44222	4.522	ug/L	96
37) 1,2-Dichloropropane	6.178	63	28189	5.183	ug/L	98
38) Bromodichloromethane	6.509	83	37188	5.102	ug/L	94
39) cis-1,3-Dichloropropene	7.030	75	38395	4.908	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	225701	89.473	ug/L	98
42) Toluene	7.390	91	120371	4.830	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	35613	5.486	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	24712	6.323	ug/L	98
47) Tetrachloroethene	7.979	164	51396	9.572	ug/L	98
48) 2-Hexanone	8.140	43	172125	97.378	ug/L	99
49) Dibromochloromethane	8.246	129	30109	6.081	ug/L	94
50) 1,2-Dibromoethane	8.355	107	24644	6.805	ug/L #	98
51) Chlorobenzene	8.882	112	79287	4.787	ug/L	100
52) Ethylbenzene	9.014	91	118228	4.498	ug/L	97
53) m,p-xylene	9.140	106	45008	4.364	ug/L	97
54) o-xylene	9.545	106	44800	4.630	ug/L	100
55) Styrene	9.564	104	73689	4.445	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	32173	7.514	ug/L	96
59) Bromoform	9.731	173	18178	6.741	ug/L	97
60) Isopropylbenzene	9.931	105	118901	4.590	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22638	7.548	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	92938	4.326	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	93107	4.355	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	61954	4.680	ug/L	95
65) 1,4-Dichlorobenzene	11.275	146	63711	4.713	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	61633	5.203	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4897	7.664	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	43694	4.216	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	37572	4.527	ug/L	99
71) Naphthalene	13.503	128	77068	6.297	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	37728	5.195	ug/L	98

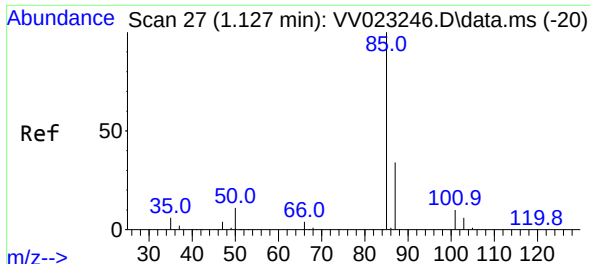
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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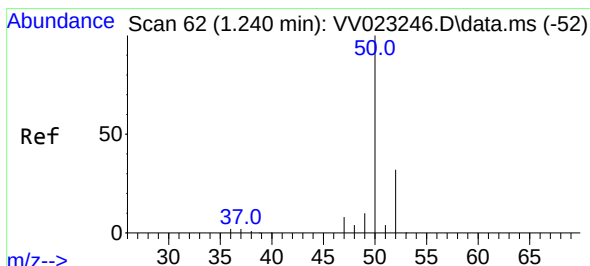
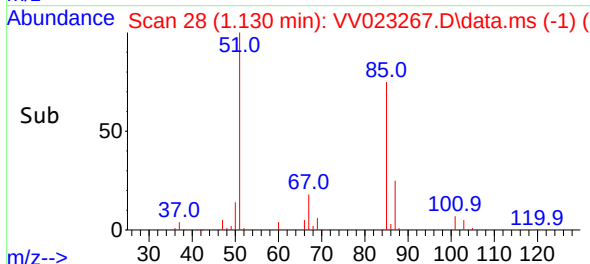
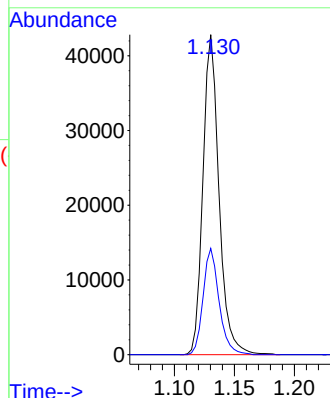
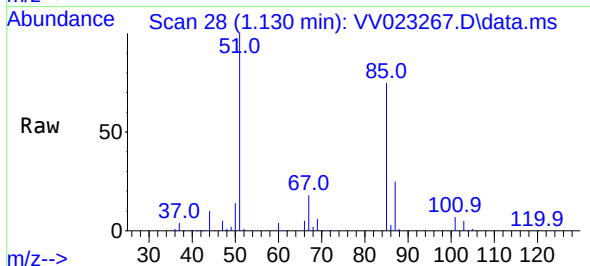




#2
 Dichlorodifluoromethane
 Concen: 5.056 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023267.D
 Acq: 06 Nov 2021 05:14

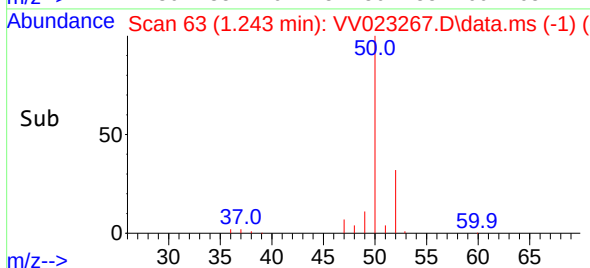
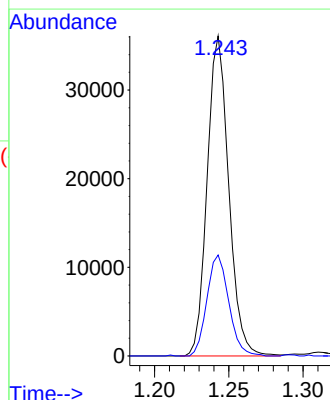
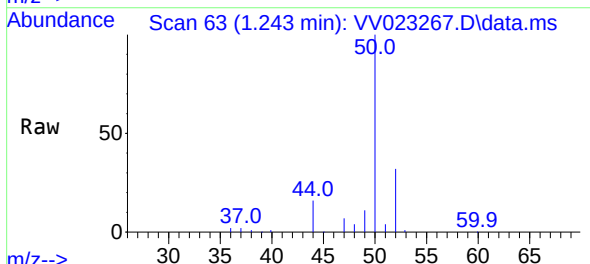
Instrument :
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 ClientSampleId :
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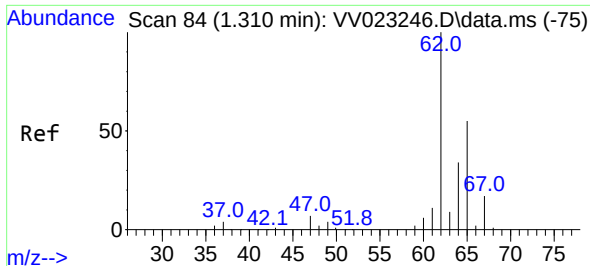
Tgt Ion: 85 Resp: 40098
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.6 39.8



#3
 Chloromethane
 Concen: 5.399 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023267.D
 Acq: 06 Nov 2021 05:14

Tgt Ion: 50 Resp: 36400
 Ion Ratio Lower Upper
 50 100
 52 31.6 24.3 45.1

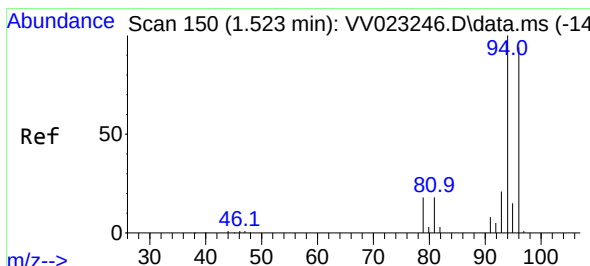
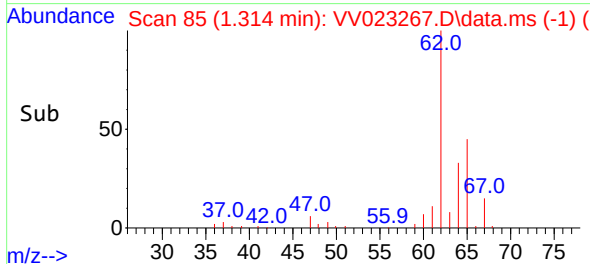
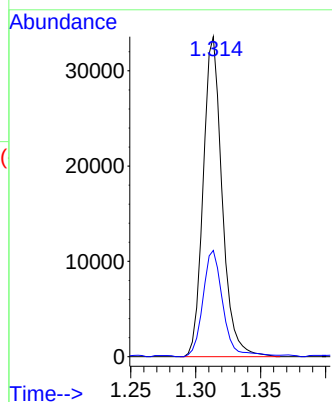
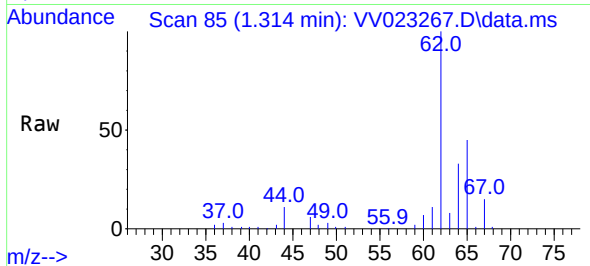




#5
 Vinyl chloride
 Concen: 5.058 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023267.D
 Acq: 06 Nov 2021 05:14

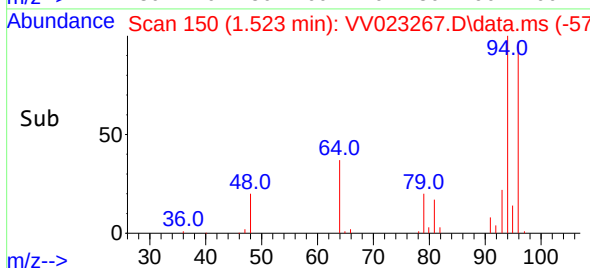
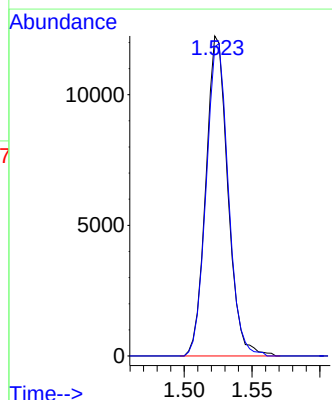
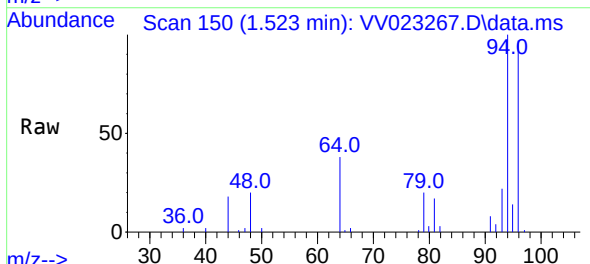
Instrument :
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 ClientSampleId :
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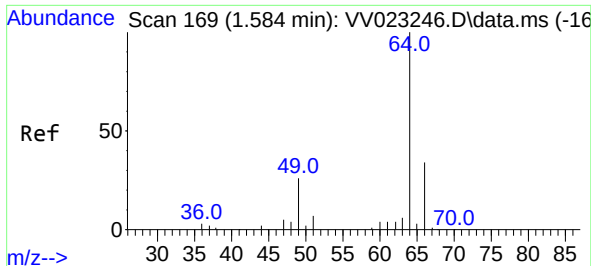
Tgt Ion: 62 Resp: 34058
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.1 42.9



#6
 Bromomethane
 Concen: 3.211 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023267.D
 Acq: 06 Nov 2021 05:14

Tgt Ion: 94 Resp: 13821
 Ion Ratio Lower Upper
 94 100
 96 96.5 65.0 120.8

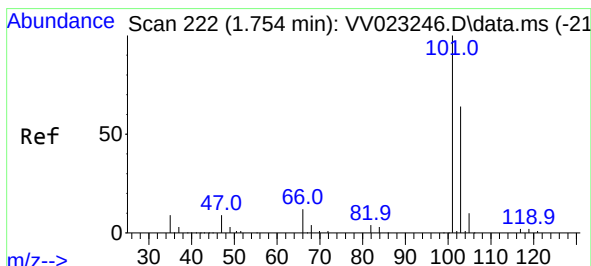
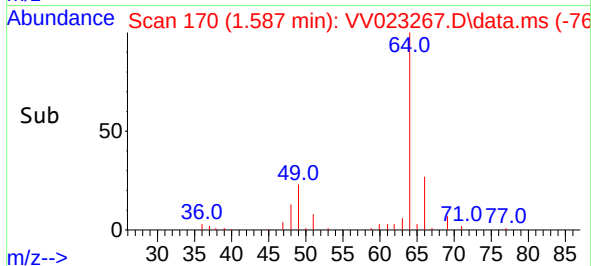
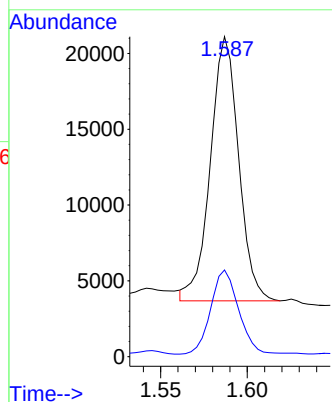
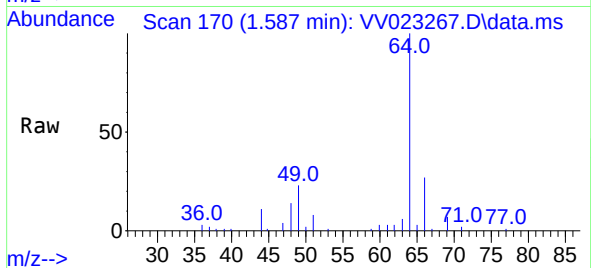




#8
Chloroethane
Concen: 5.084 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

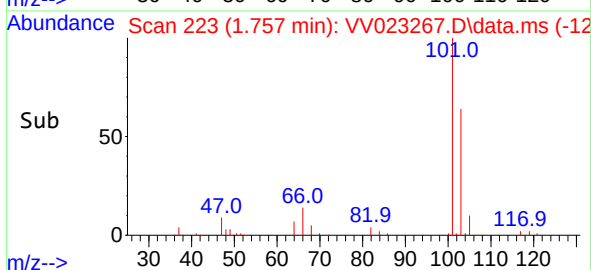
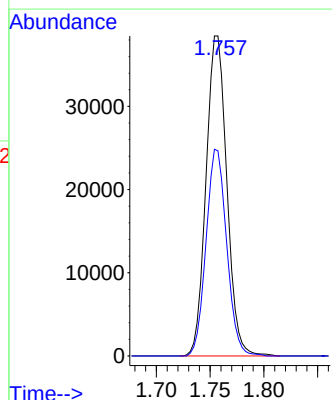
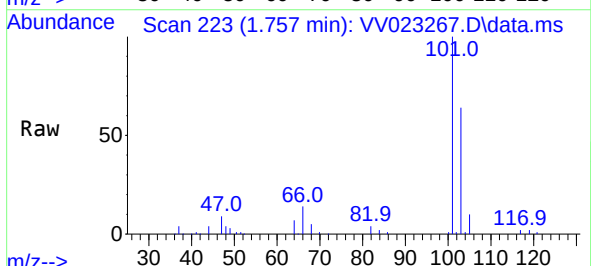
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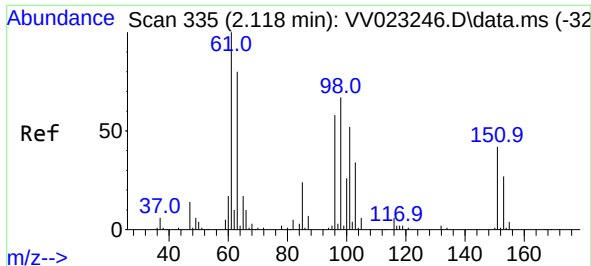
Tgt Ion: 64 Resp: 19756
Ion Ratio Lower Upper
64 100
66 27.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.110 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion:101 Resp: 51705
Ion Ratio Lower Upper
101 100
103 64.1 52.6 79.0

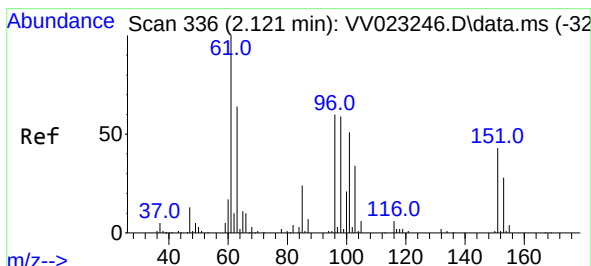
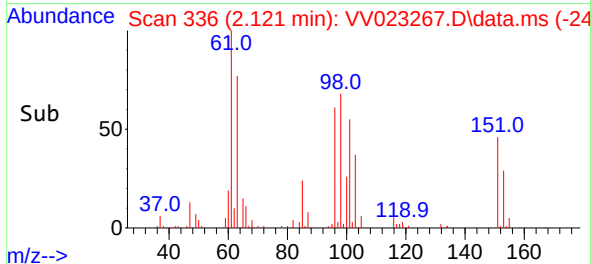
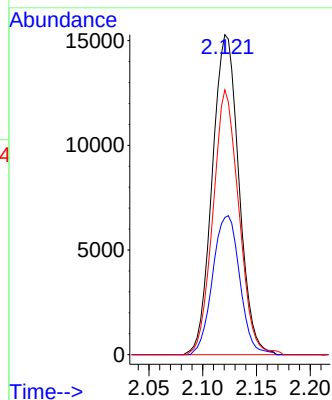
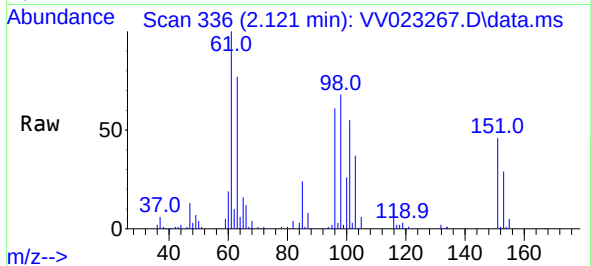




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.171 ug/L
RT: 2.121 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

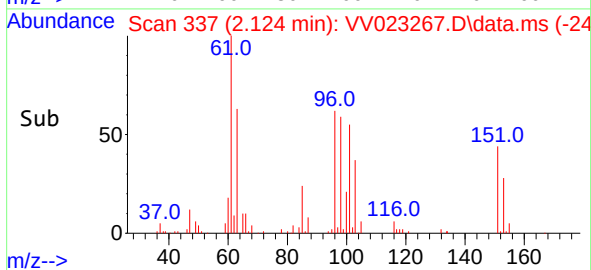
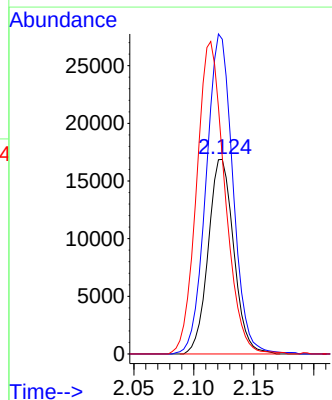
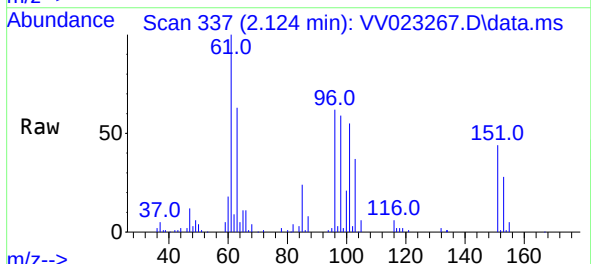
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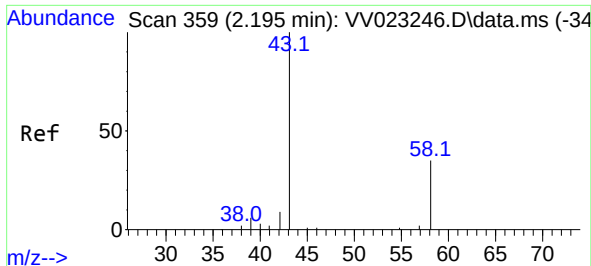
Tgt Ion:101 Resp: 26339
Ion Ratio Lower Upper
101 100
85 44.3 35.3 52.9
151 80.4 62.2 93.2



#12
1,1-Dichloroethene
Concen: 5.138 ug/L
RT: 2.124 min Scan# 337
Delta R.T. 0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion: 96 Resp: 24917
Ion Ratio Lower Upper
96 100
61 161.7 121.5 225.7
63 101.3 99.6 185.0





#13

Acetone

Concen: 119.102 ug/L

RT: 2.175 min Scan# 3

Delta R.T. -0.019 min

Lab File: VV023267.D

Acq: 06 Nov 2021 05:14

Instrument :

MSVOA_V

ClientSampleId :

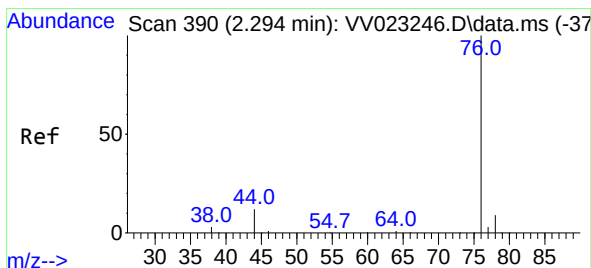
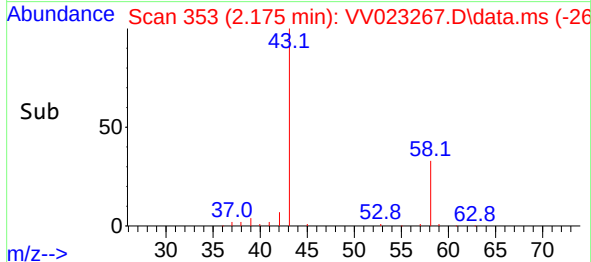
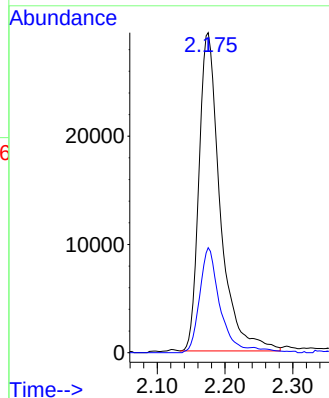
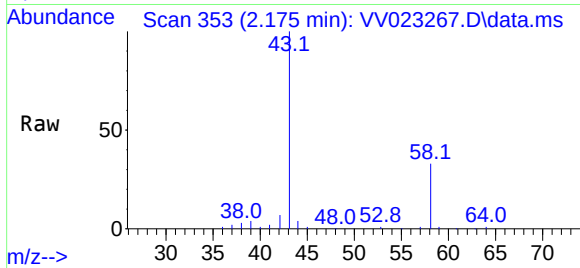
H4605MSD

Tgt Ion: 43 Resp: 63876

Ion Ratio Lower Upper

43 100

58 30.8 0.0 55.4



#14

Carbon disulfide

Concen: 4.717 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV023267.D

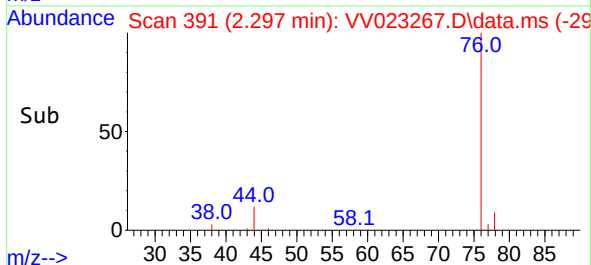
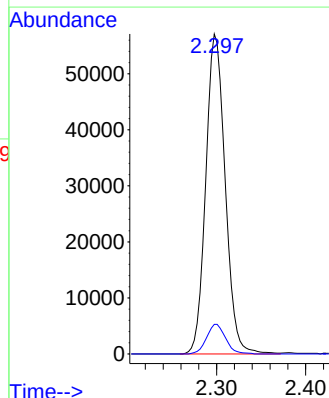
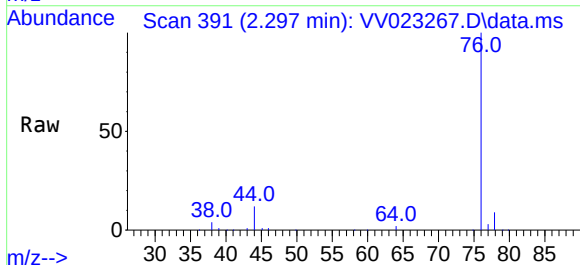
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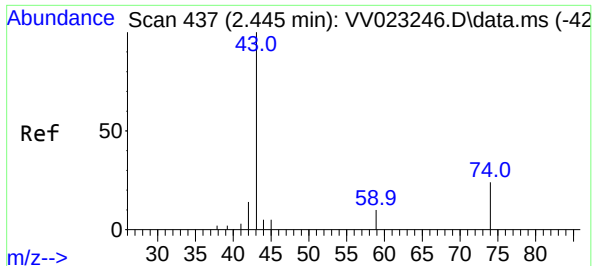
Tgt Ion: 76 Resp: 86318

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

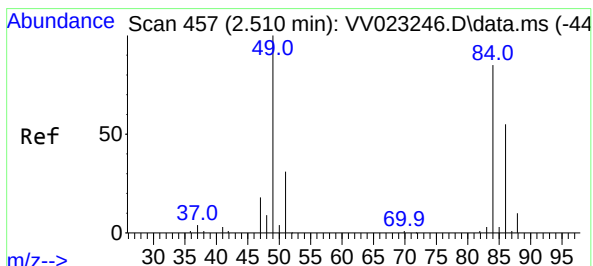
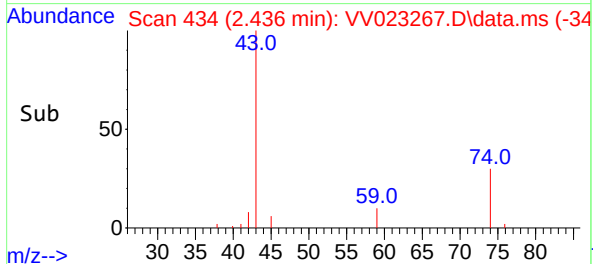
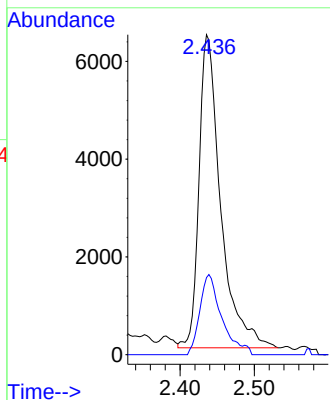
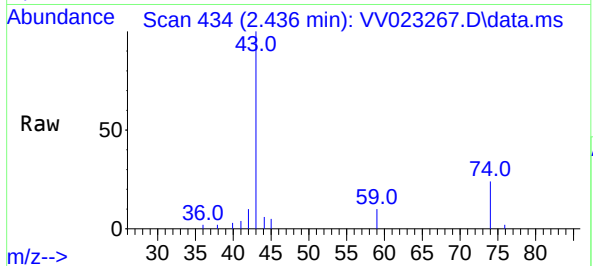




#15
Methyl Acetate
Concen: 8.550 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

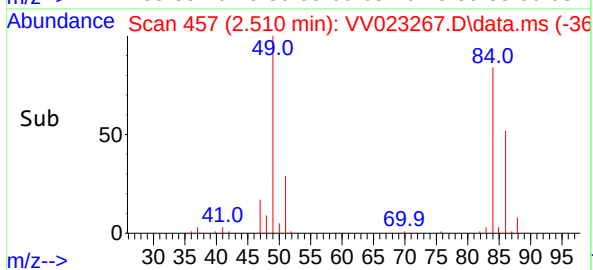
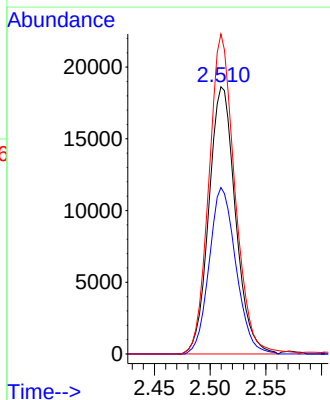
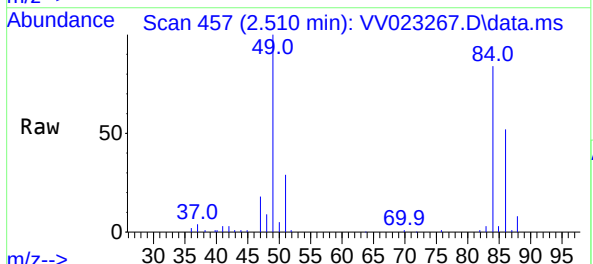
Instrument :
MSVOA_V
ClientSampleId :
H4605MSD

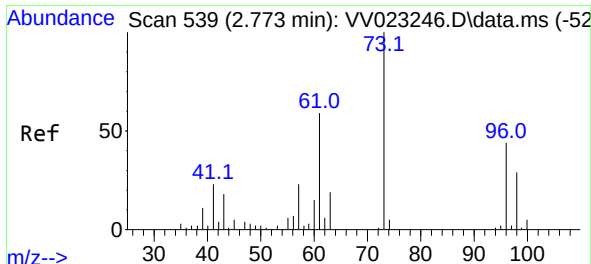
Tgt Ion: 43 Resp: 12978
Ion Ratio Lower Upper
43 100
74 25.8 22.2 33.2



#16
Methylene chloride
Concen: 4.367 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion: 84 Resp: 30906
Ion Ratio Lower Upper
84 100
86 62.2 42.3 78.5
49 119.8 79.7 148.1

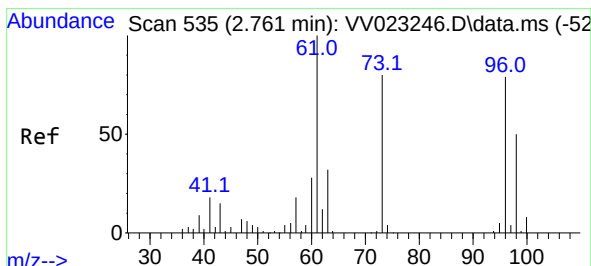
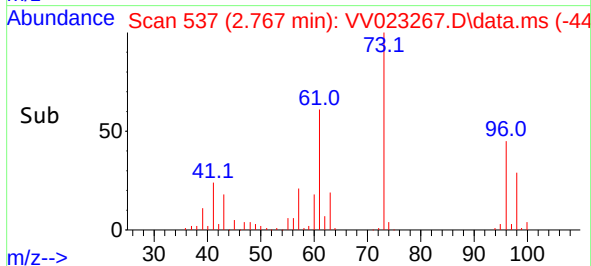
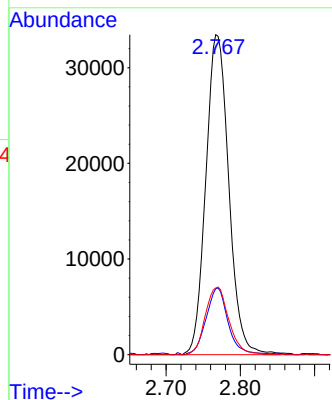
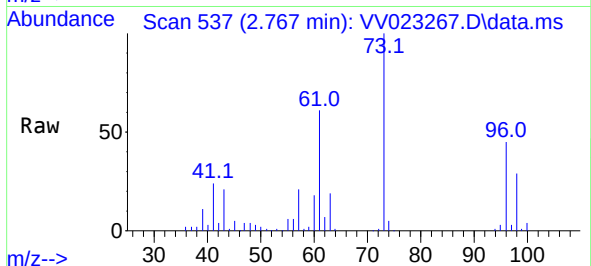




#17
Methyl tert-butyl Ether
Concen: 6.727 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.007 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

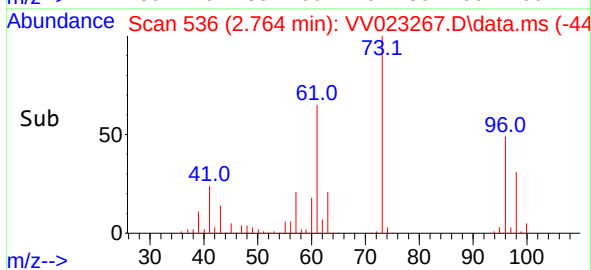
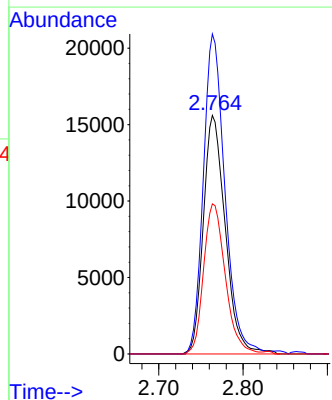
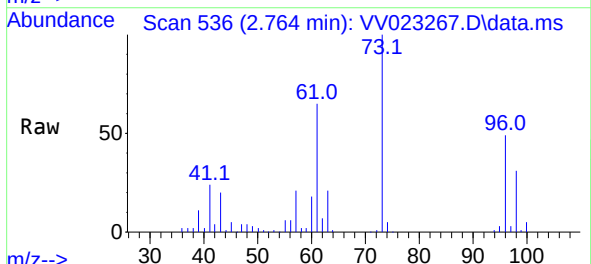
Instrument :
MSVOA_V
ClientSampleId :
H4605MSD

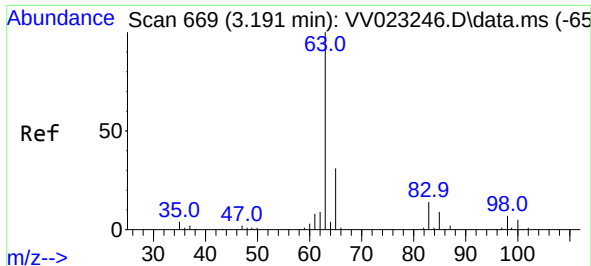
Tgt Ion:	73	Resp:	71809
Ion	Ratio	Lower	Upper
73	100		
43	20.0	17.4	26.0
57	21.6	16.5	24.7



#18
trans-1,2-Dichloroethene
Concen: 4.753 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion:	96	Resp:	28334
Ion	Ratio	Lower	Upper
96	100		
61	134.1	93.2	173.2
98	62.9	47.0	87.2

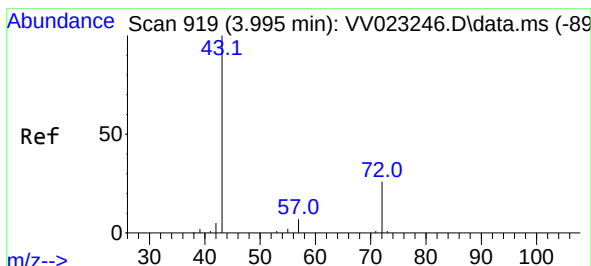
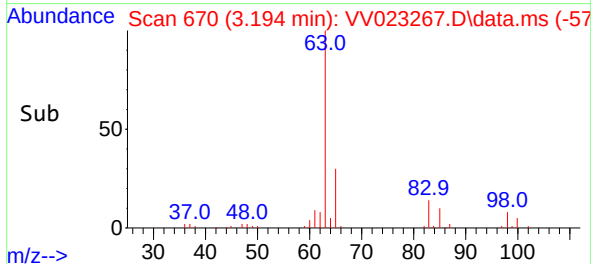
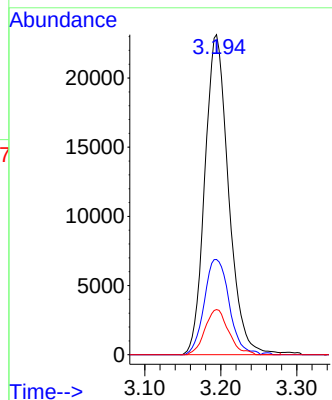
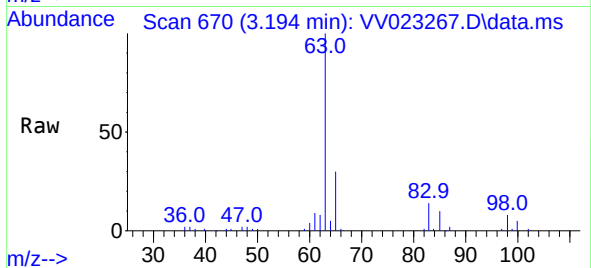




#19
1,1-Dichloroethane
Concen: 4.976 ug/L
RT: 3.194 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

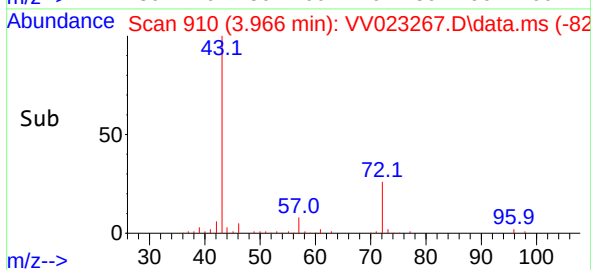
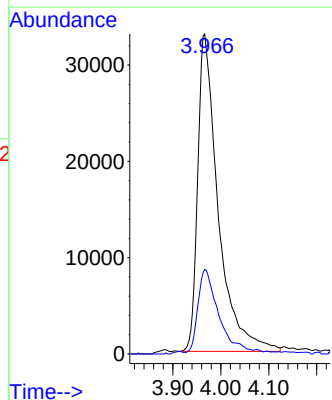
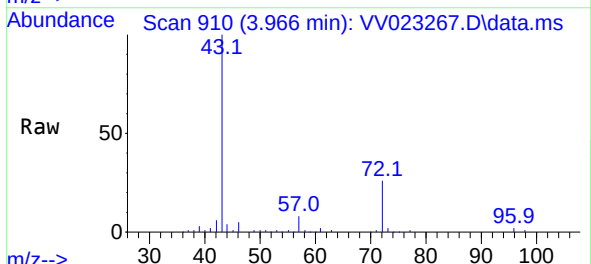
Instrument :
MSVOA_V
ClientSampleId :
H4605MSD

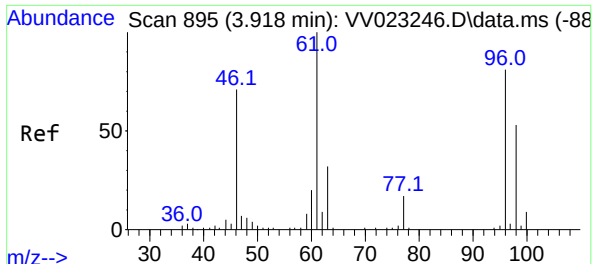
Tgt Ion: 63 Resp: 50086
Ion Ratio Lower Upper
63 100
65 29.8 22.6 42.0
83 14.1 11.1 20.7



#21
2-Butanone
Concen: 112.841 ug/L
RT: 3.966 min Scan# 910
Delta R.T. -0.029 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion: 43 Resp: 97844
Ion Ratio Lower Upper
43 100
72 26.3 11.9 35.9

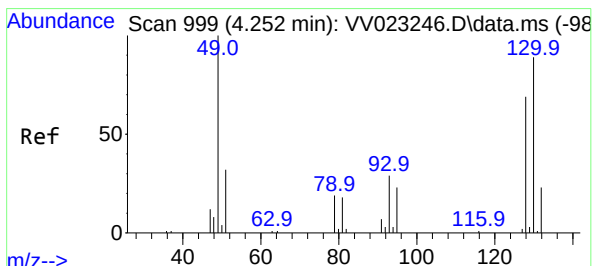
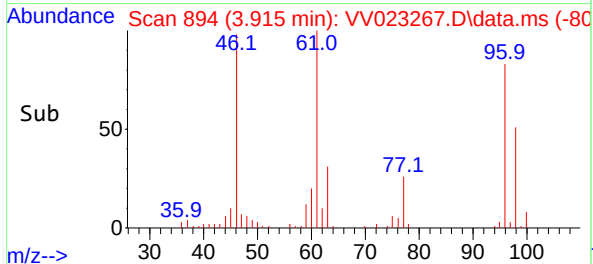
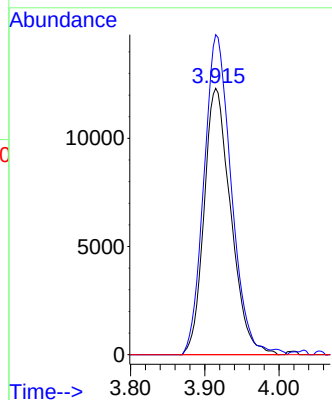
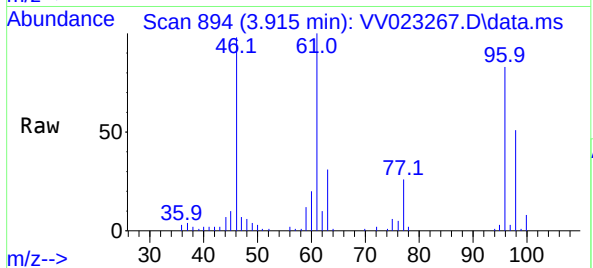




#22
 cis-1,2-Dichloroethene
 Concen: 5.376 ug/L
 RT: 3.915 min Scan# 895
 Delta R.T. -0.003 min
 Lab File: VV023267.D
 Acq: 06 Nov 2021 05:14

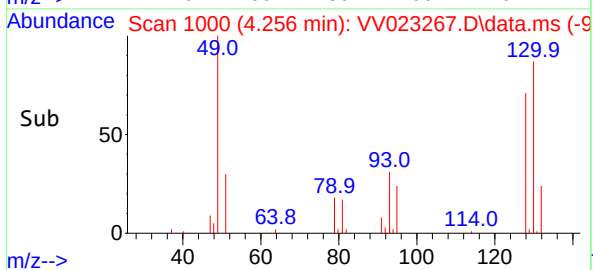
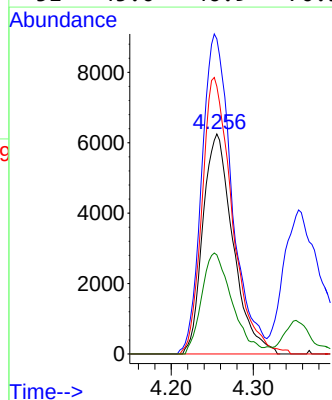
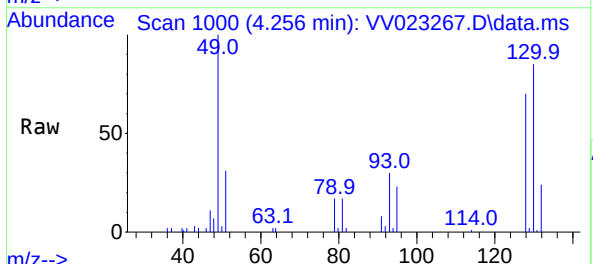
Instrument :
 MSVOA_V
 ClientSampleId :
 H4605MSD

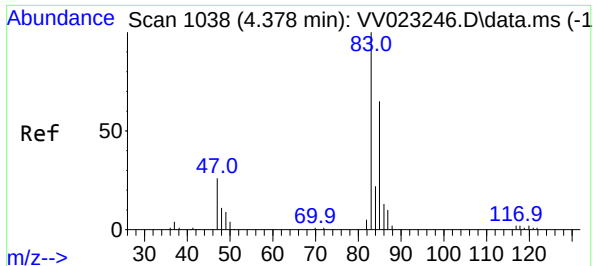
Tgt Ion: 96 Resp: 30843
 Ion Ratio Lower Upper
 96 100
 61 120.1 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 6.022 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.003 min
 Lab File: VV023267.D
 Acq: 06 Nov 2021 05:14

Tgt Ion: 128 Resp: 15932
 Ion Ratio Lower Upper
 128 100
 49 143.2 126.1 234.3
 130 121.7 95.2 176.8
 51 45.0 46.9 70.3#





#25

Chloroform

Concen: 5.045 ug/L

RT: 4.381 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV023267.D

Acq: 06 Nov 2021 05:14

Instrument :

MSVOA_V

ClientSampleId :

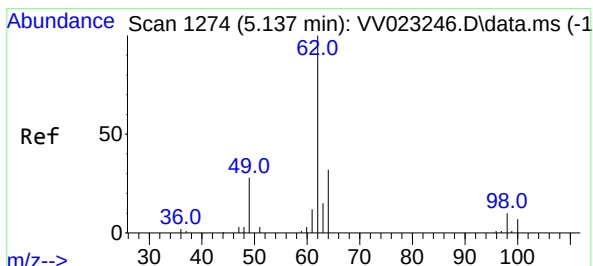
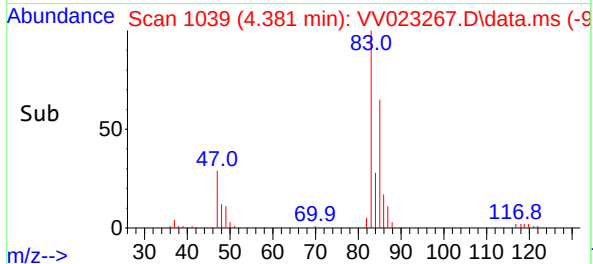
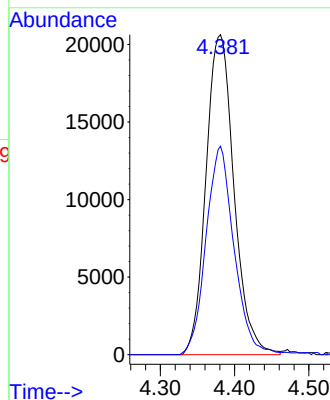
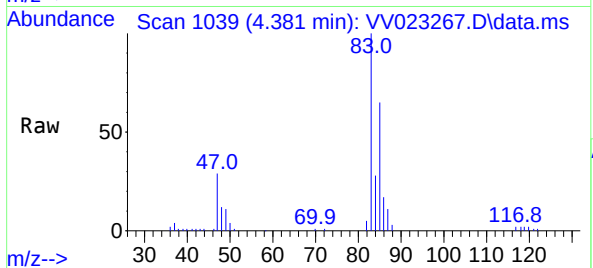
H4605MSD

Tgt Ion: 83 Resp: 54129

Ion Ratio Lower Upper

83 100

85 65.1 46.8 86.8



#27

1,2-Dichloroethane

Concen: 6.135 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VV023267.D

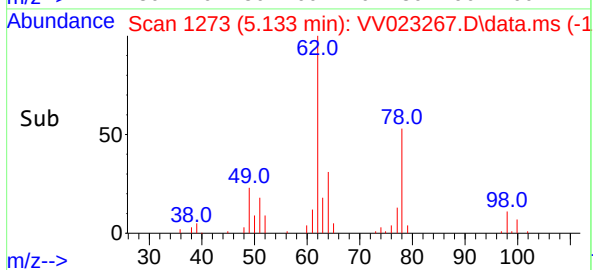
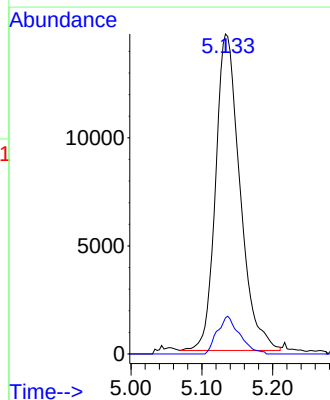
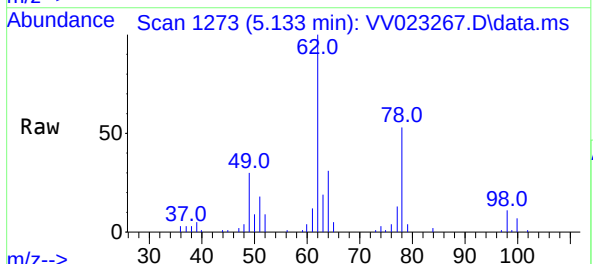
Acq: 06 Nov 2021 05:14

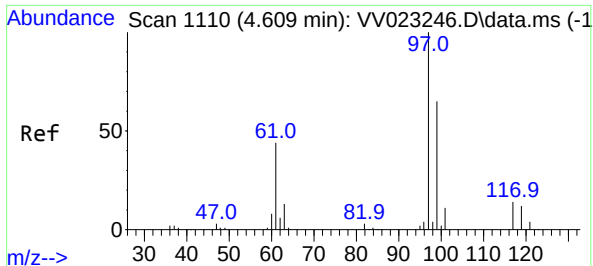
Tgt Ion: 62 Resp: 35012

Ion Ratio Lower Upper

62 100

98 11.3 8.2 12.4



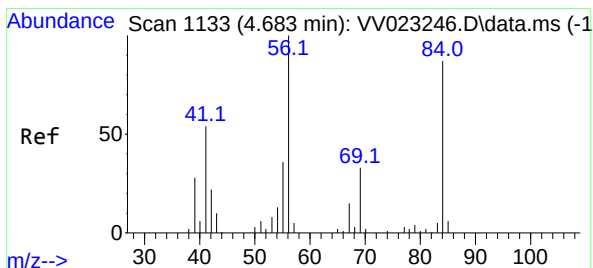
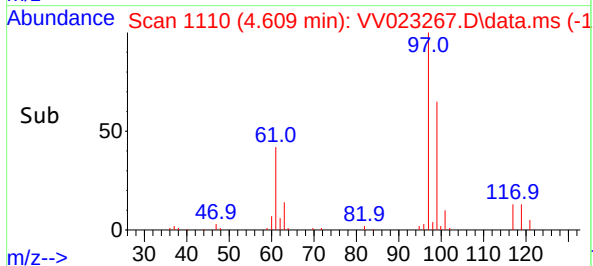
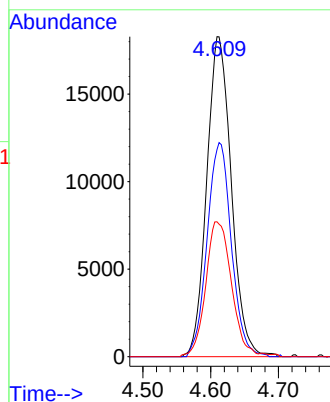
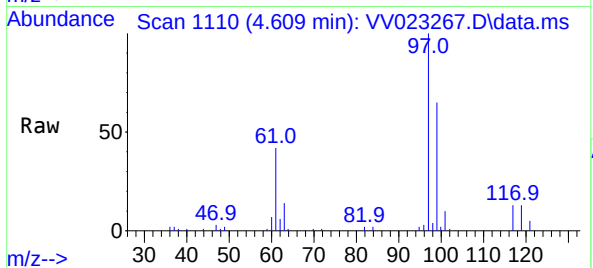


#29
1,1,1-Trichloroethane
Concen: 4.555 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Instrument :
MSVOA_V
ClientSampleId :
H4605MSD

Tgt Ion: 97 Resp: 46111

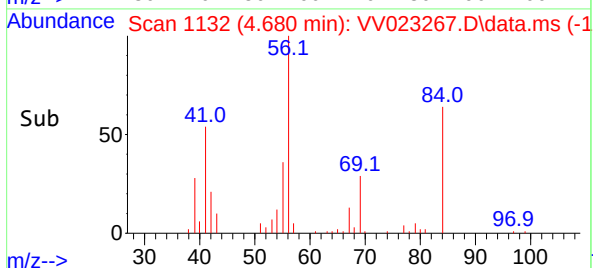
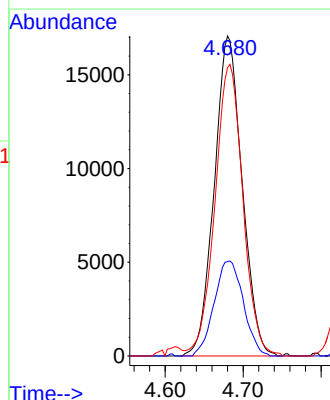
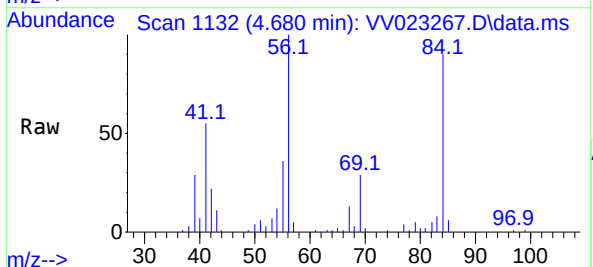
Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.0	76.4
61	43.9	34.1	51.1

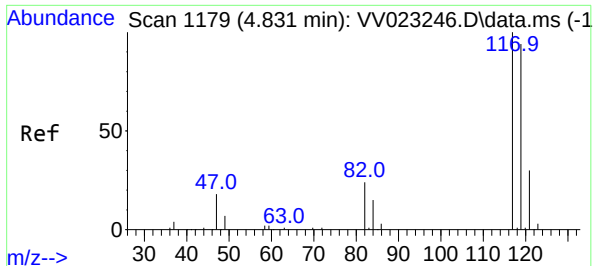


#30
Cyclohexane
Concen: 4.683 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion: 56 Resp: 42478

Ion	Ratio	Lower	Upper
56	100		
69	31.1	23.5	35.3
84	91.4	71.6	107.4

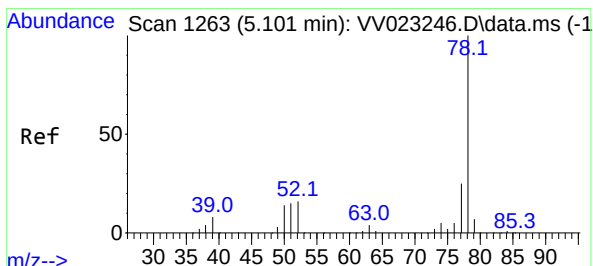
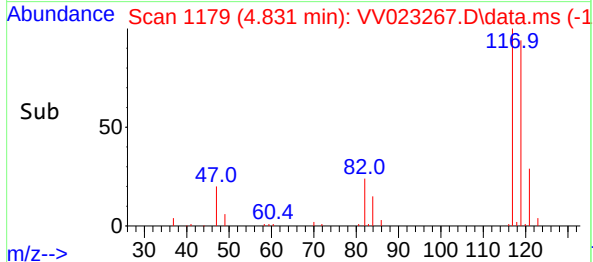
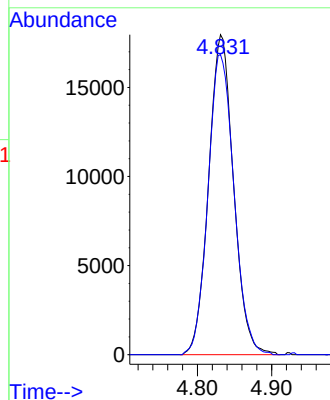
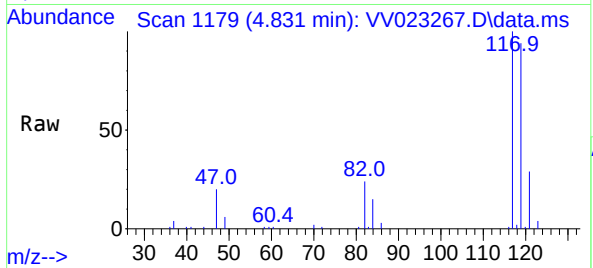




#31
Carbon tetrachloride
Concen: 4.614 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

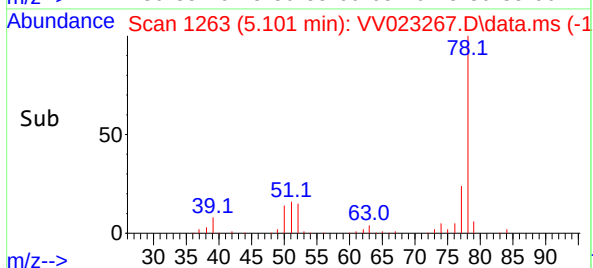
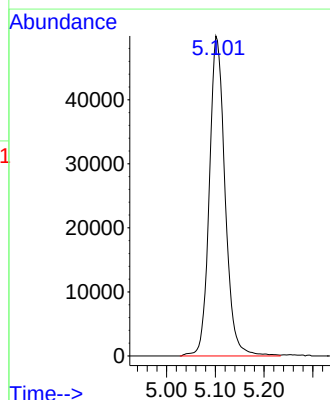
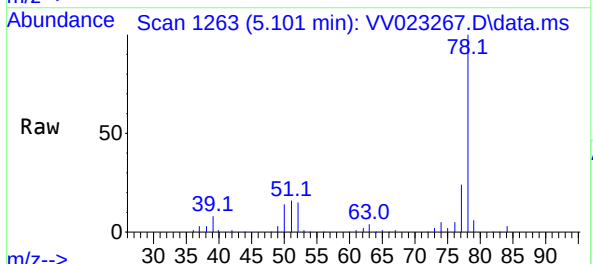
Instrument :
MSVOA_V
ClientSampleId :
H4605MSD

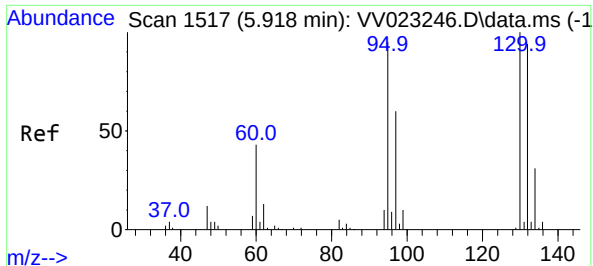
Tgt Ion:117 Resp: 41950
Ion Ratio Lower Upper
117 100
119 97.6 78.8 118.2



#33
Benzene
Concen: 4.811 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion: 78 Resp: 112080

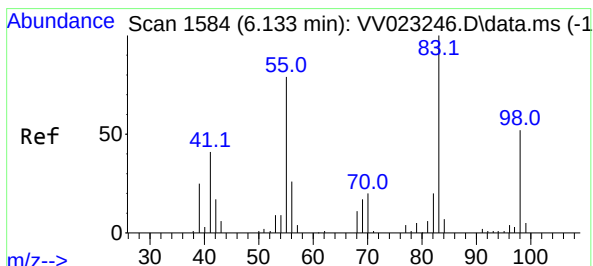
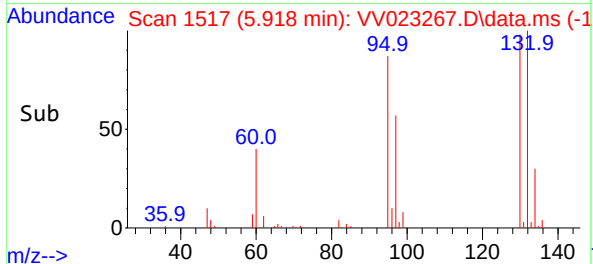
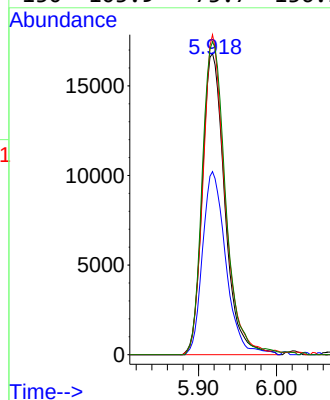
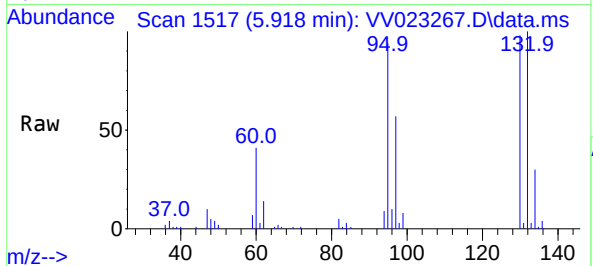




#34
Trichloroethene
Concen: 5.436 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

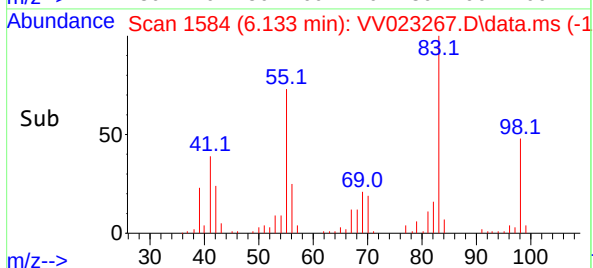
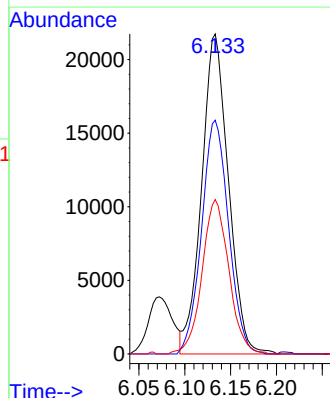
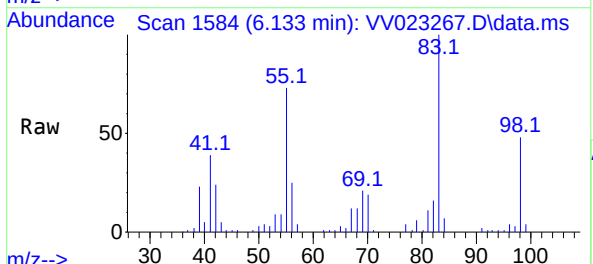
Instrument :
MSVOA_V
ClientSampleId :
H4605MSD

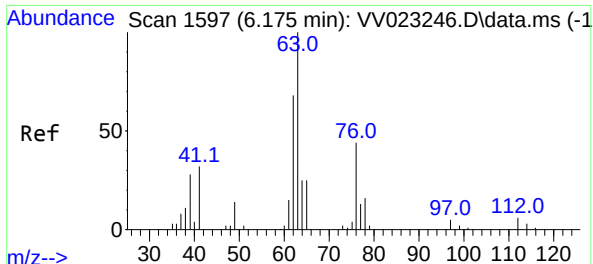
Tgt Ion: 95 Resp: 33677
Ion Ratio Lower Upper
95 100
97 60.7 45.0 83.6
132 106.2 69.7 129.4
130 103.9 73.7 136.9



#35
Methylcyclohexane
Concen: 4.522 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion: 83 Resp: 44222
Ion Ratio Lower Upper
83 100
55 73.5 62.8 94.2
98 48.2 37.9 56.9

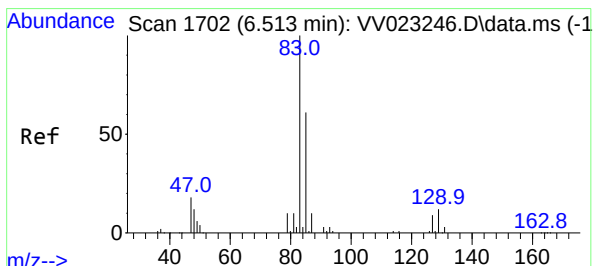
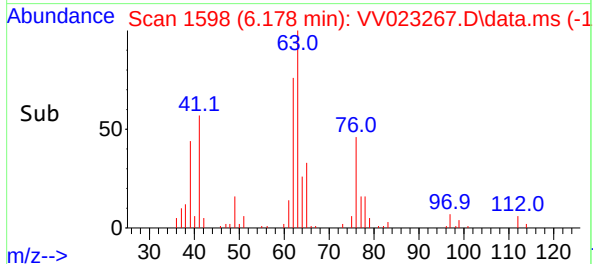
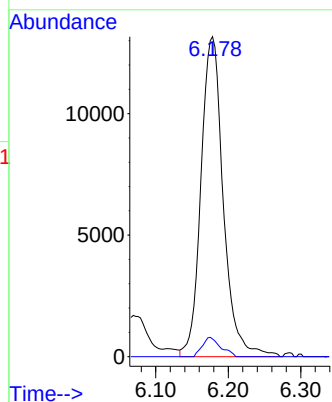
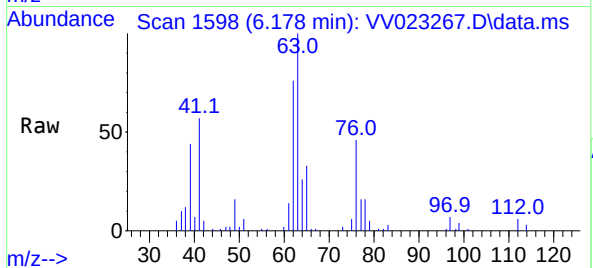




#37
1,2-Dichloropropane
Concen: 5.183 ug/L
RT: 6.178 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

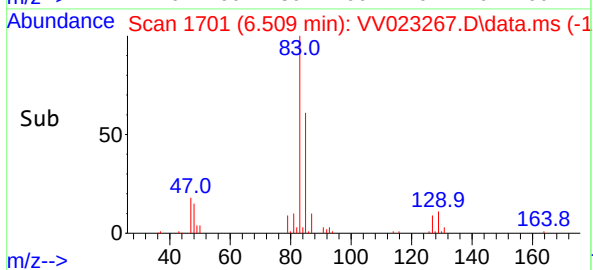
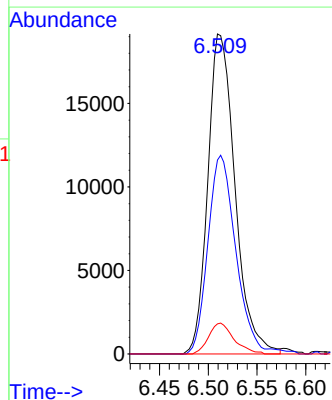
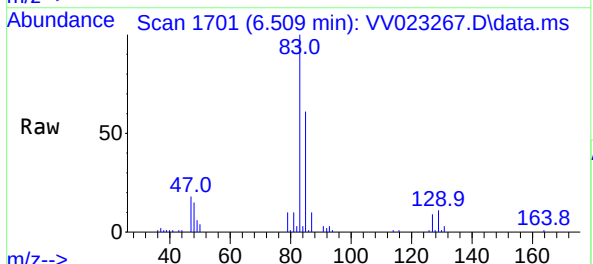
Instrument :
MSVOA_V
ClientSampleId :
H4605MSD

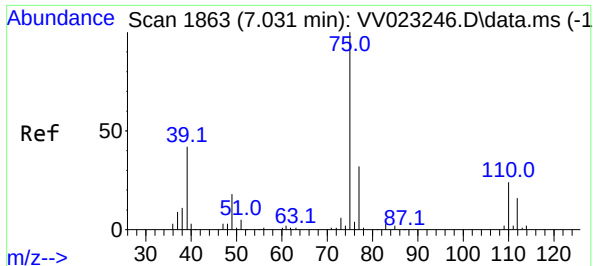
Tgt Ion: 63 Resp: 28189
Ion Ratio Lower Upper
63 100
112 4.9 4.6 6.8



#38
Bromodichloromethane
Concen: 5.102 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion: 83 Resp: 37188
Ion Ratio Lower Upper
83 100
85 60.6 46.1 85.7
127 9.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.908 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV023267.D

Acq: 06 Nov 2021 05:14

Instrument :

MSVOA_V

ClientSampleId :

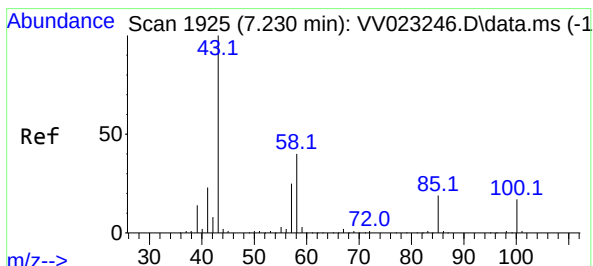
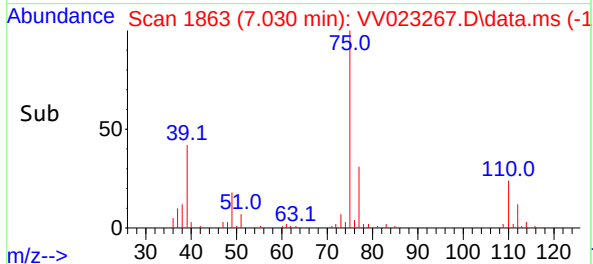
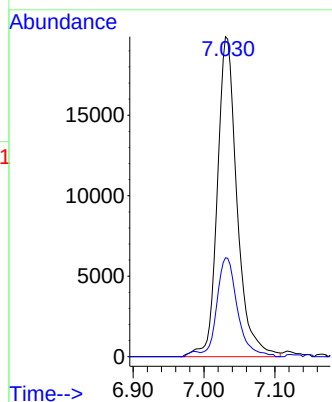
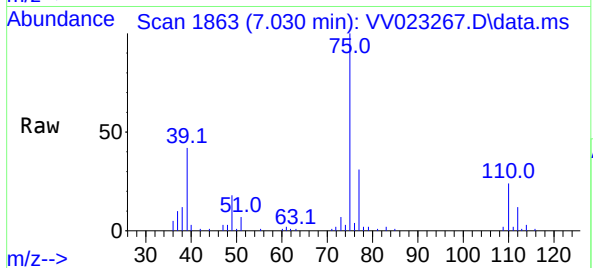
H4605MSD

Tgt Ion: 75 Resp: 38395

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 89.473 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023267.D

Acq: 06 Nov 2021 05:14

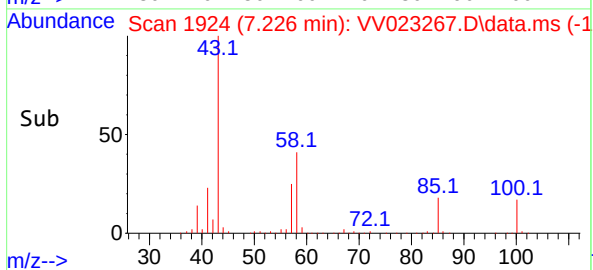
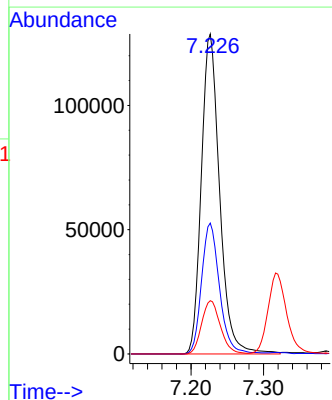
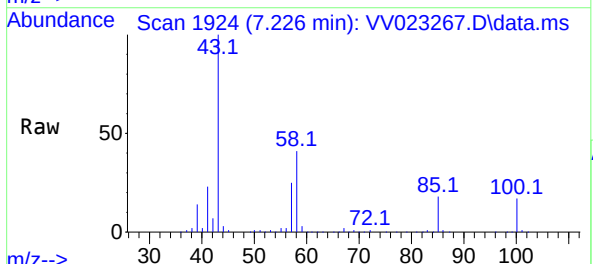
Tgt Ion: 43 Resp: 225701

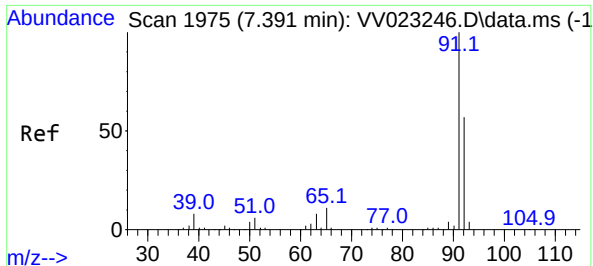
Ion Ratio Lower Upper

43 100

58 40.2 31.1 46.7

100 17.1 12.6 19.0

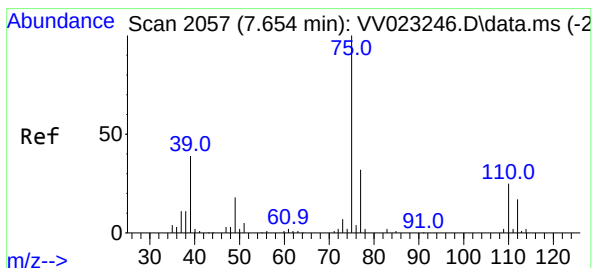
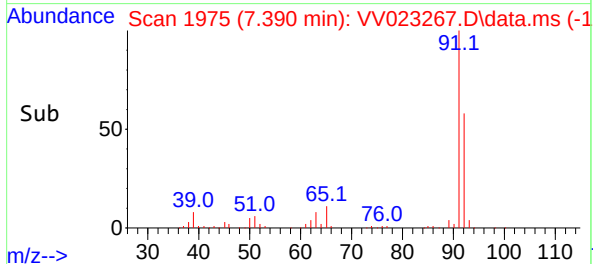
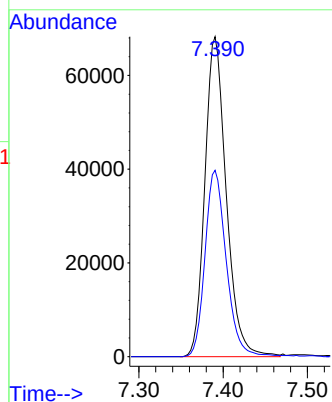
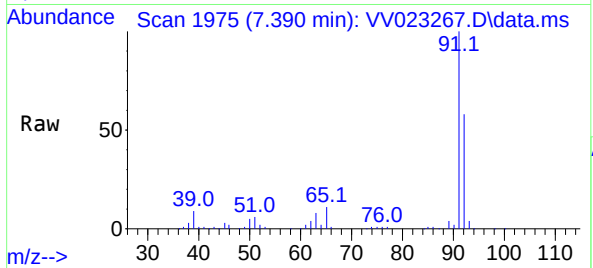




#42
Toluene
Concen: 4.830 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

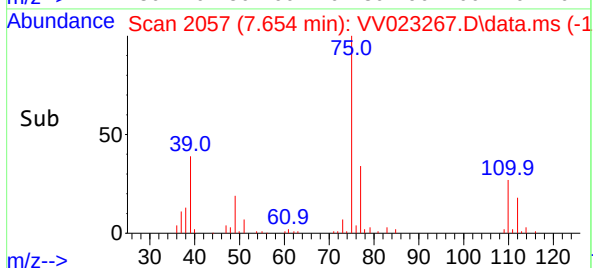
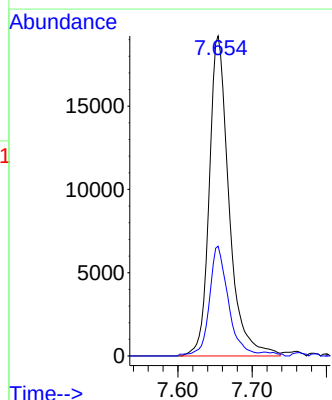
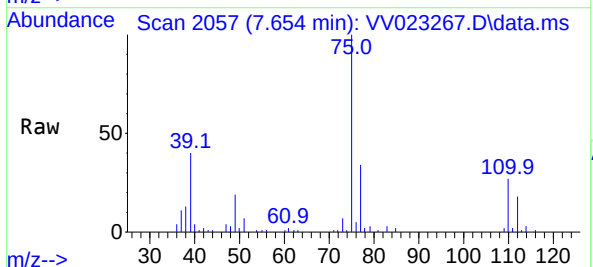
Instrument : MSVOA_V
ClientSampleId : H4605MSD

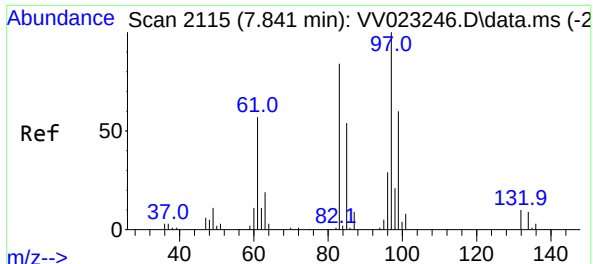
Tgt Ion: 91 Resp: 120371
Ion Ratio Lower Upper
91 100
92 58.3 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 5.486 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion: 75 Resp: 35613
Ion Ratio Lower Upper
75 100
77 34.3 22.5 41.7



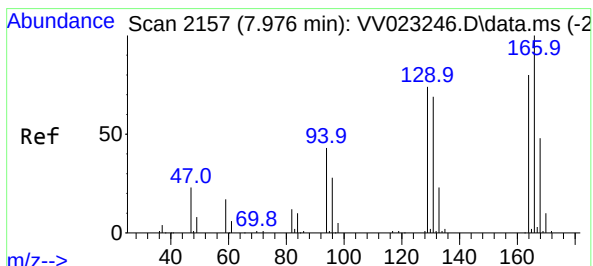
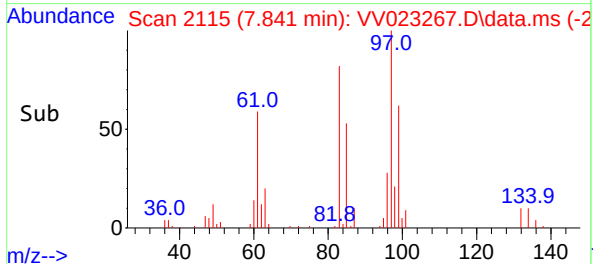
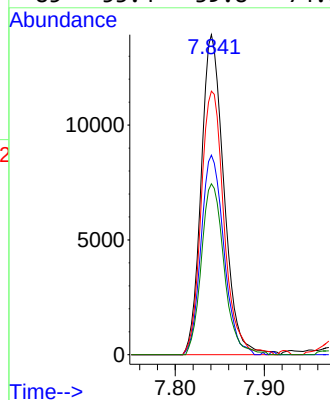
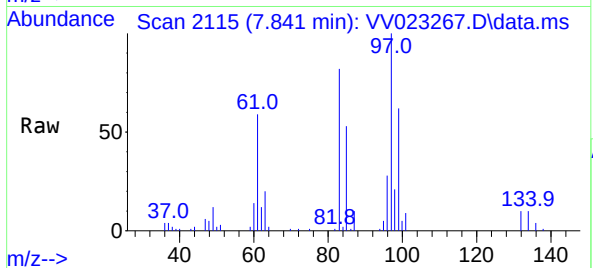


#45
1,1,2-Trichloroethane
Concen: 6.323 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Instrument :
MSVOA_V
ClientSampleId :
H4605MSD

Tgt Ion: 97 Resp: 24712

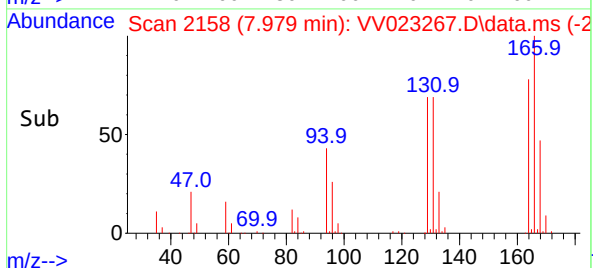
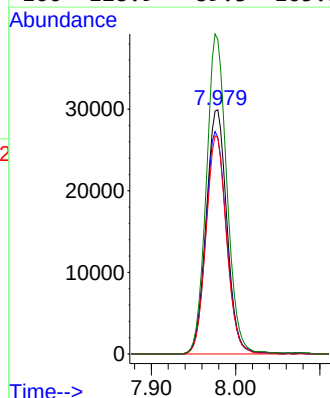
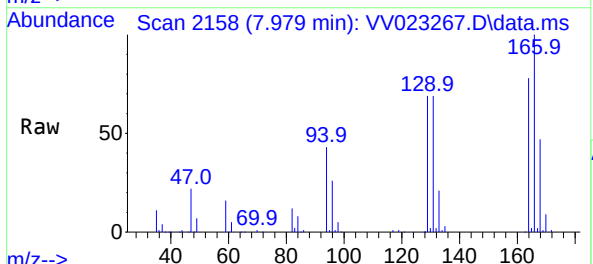
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.6	81.0
83	82.4	58.4	108.4
85	53.4	39.8	74.0

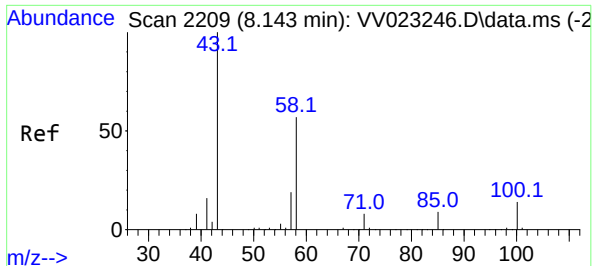


#47
Tetrachloroethene
Concen: 9.572 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion: 164 Resp: 51396

Ion	Ratio	Lower	Upper
164	100		
129	88.7	64.0	119.0
131	88.6	63.4	117.8
166	128.9	89.3	165.9

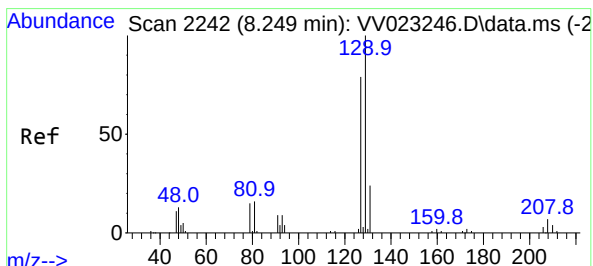
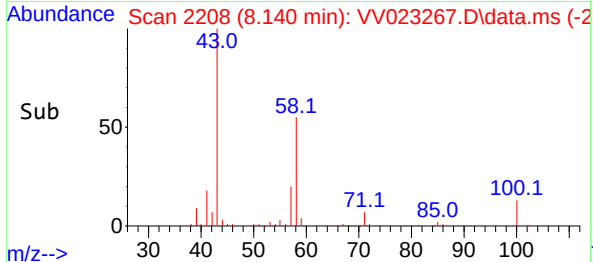
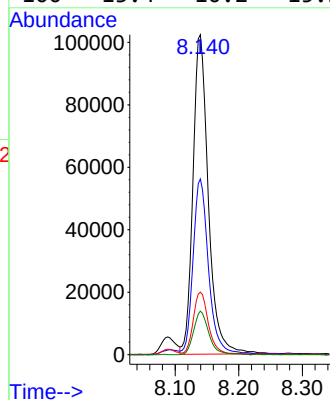
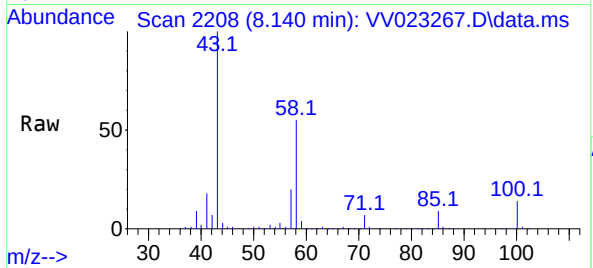




#48
2-Hexanone
Concen: 97.378 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

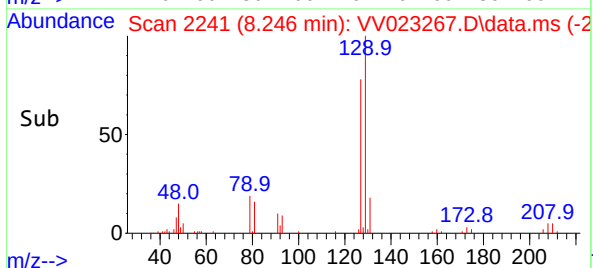
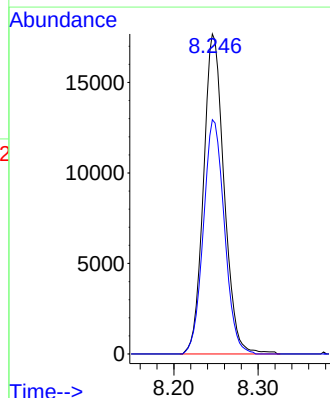
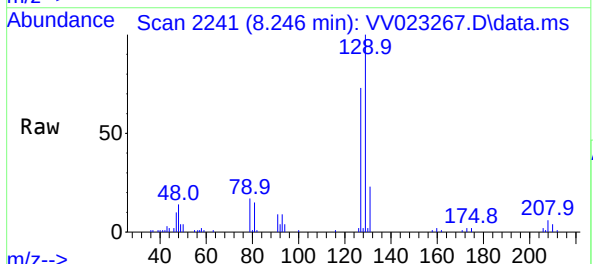
Instrument :
MSVOA_V
ClientSampleId :
H4605MSD

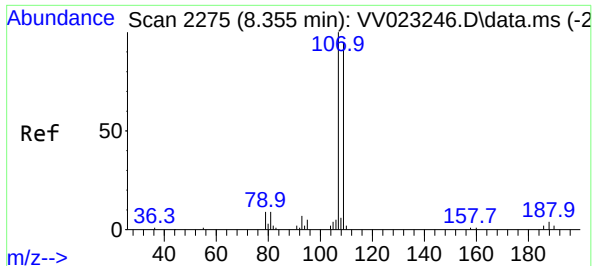
Tgt Ion: 43 Resp: 172125
Ion Ratio Lower Upper
43 100
58 54.6 43.7 65.5
57 19.6 14.1 21.1
100 13.4 10.2 15.2



#49
Dibromochloromethane
Concen: 6.081 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion: 129 Resp: 30109
Ion Ratio Lower Upper
129 100
127 73.2 54.7 101.7

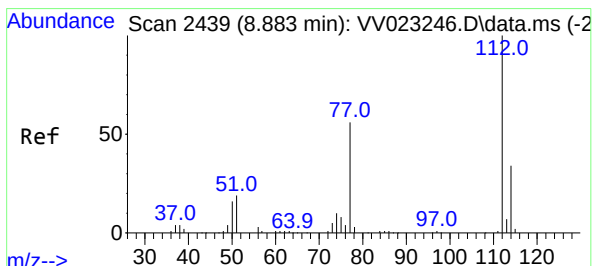
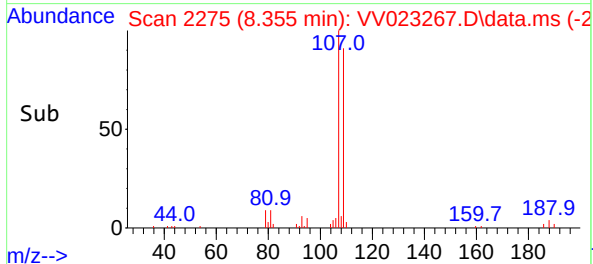
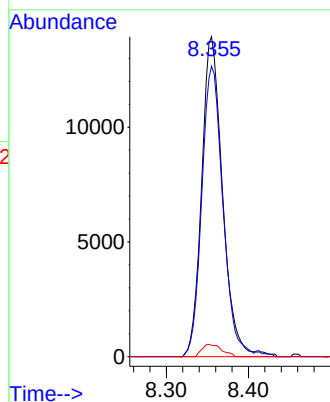
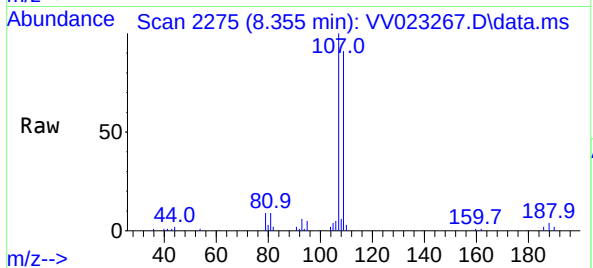




#50
1,2-Dibromoethane
Concen: 6.805 ug/L
RT: 8.355 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

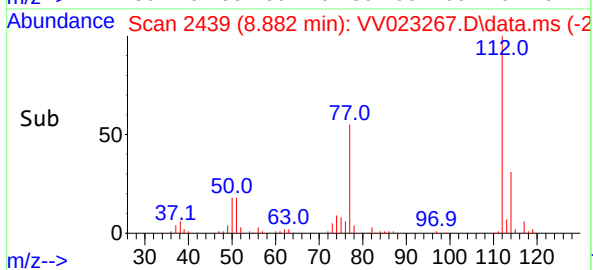
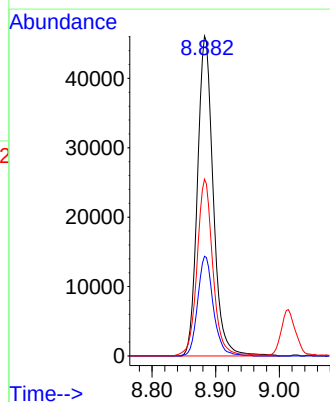
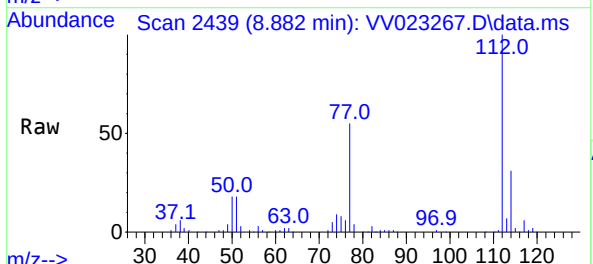
Instrument :
MSVOA_V
ClientSampleId :
H4605MSD

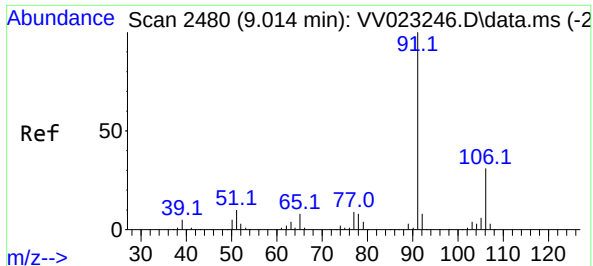
Tgt Ion:107 Resp: 24644
Ion Ratio Lower Upper
107 100
109 90.7 64.7 120.1
188 3.5 3.6 5.4#



#51
Chlorobenzene
Concen: 4.787 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion:112 Resp: 79287
Ion Ratio Lower Upper
112 100
114 31.2 22.0 40.8
77 55.2 44.4 66.6

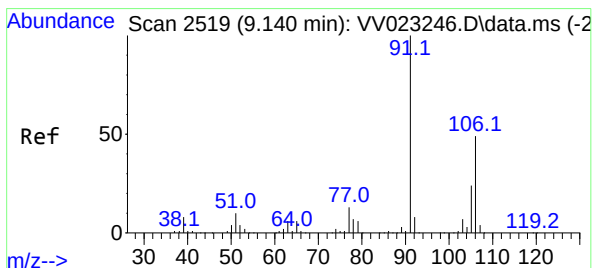
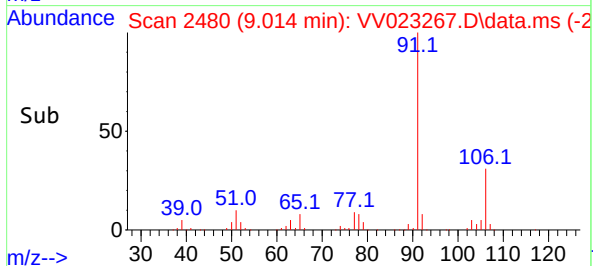
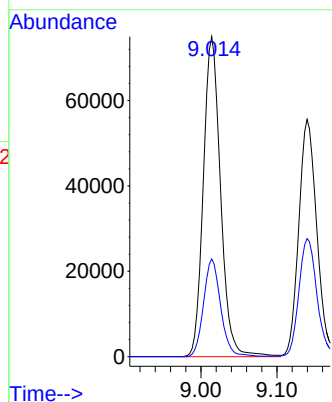
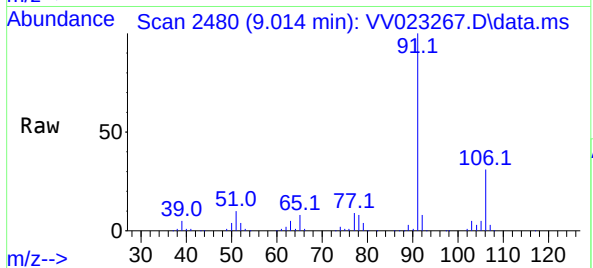




#52
Ethylbenzene
Concen: 4.498 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

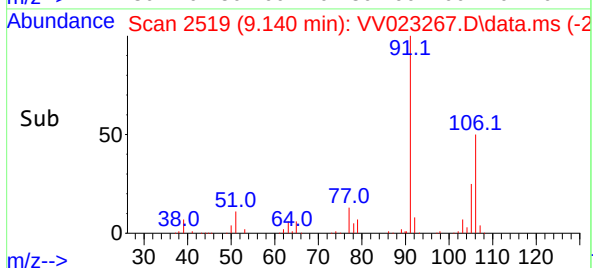
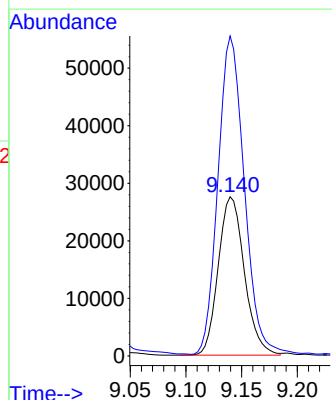
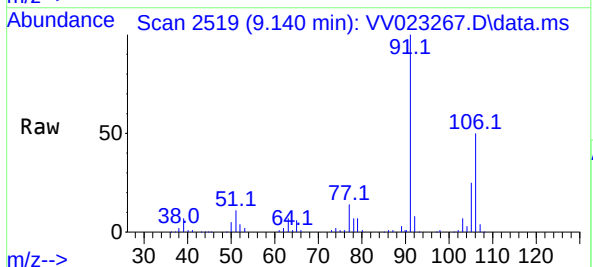
Instrument :
MSVOA_V
ClientSampleId :
H4605MSD

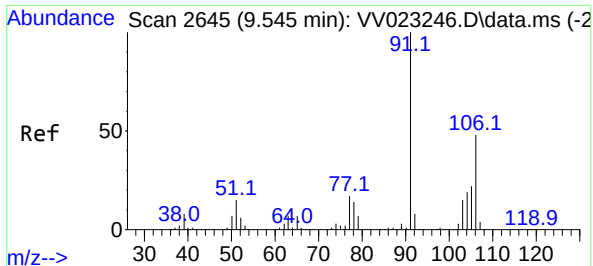
Tgt Ion: 91 Resp: 118228
Ion Ratio Lower Upper
91 100
106 30.6 22.5 41.9



#53
m,p-xylene
Concen: 4.364 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion: 106 Resp: 45008
Ion Ratio Lower Upper
106 100
91 201.0 137.2 254.8

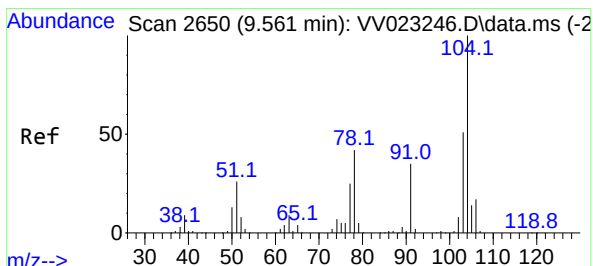
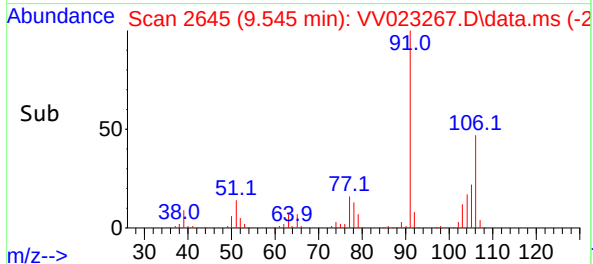
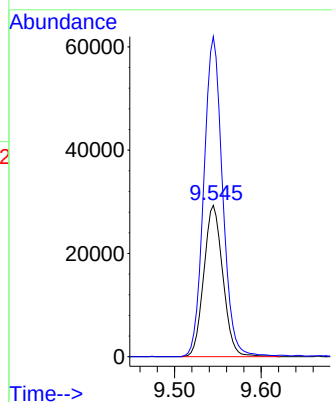
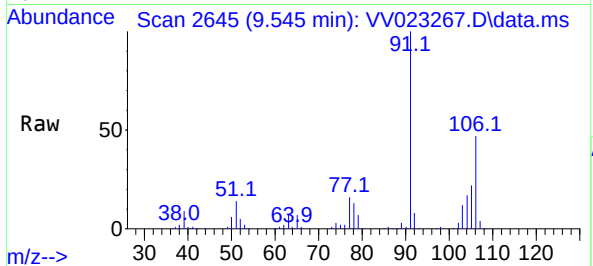




#54
o-xylene
Concen: 4.630 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

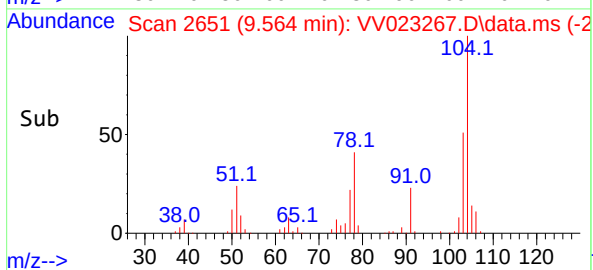
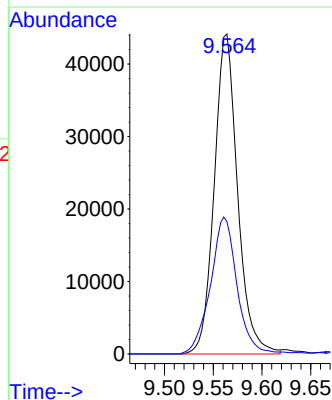
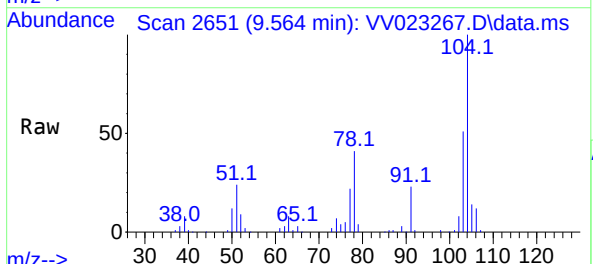
Instrument : MSVOA_V
ClientSampleId : H4605MSD

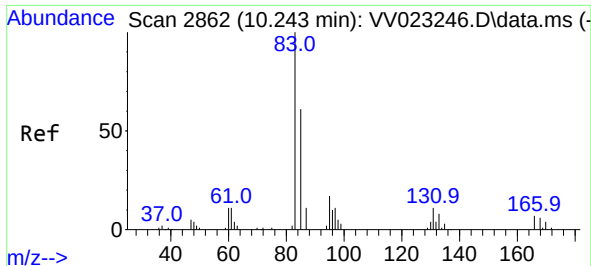
Tgt Ion:106 Resp: 44800
Ion Ratio Lower Upper
106 100
91 211.3 148.3 275.5



#55
Styrene
Concen: 4.445 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion:104 Resp: 73689
Ion Ratio Lower Upper
104 100
78 41.3 29.3 54.3

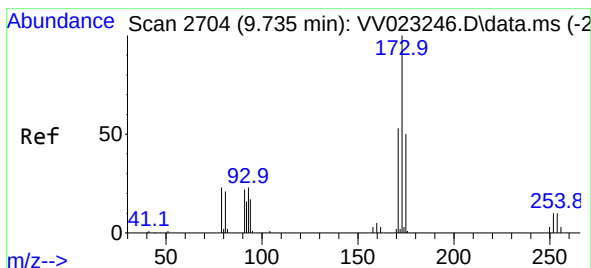
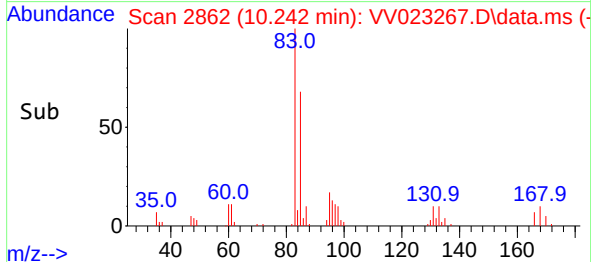
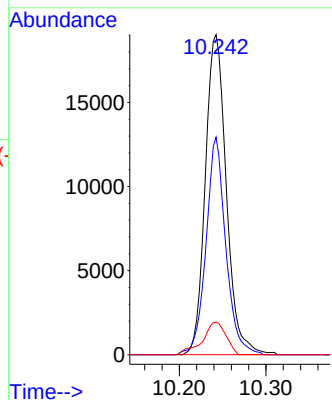
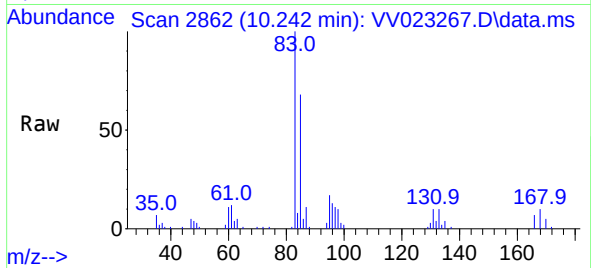




#57
1,1,2,2-Tetrachloroethane
Concen: 7.514 ug/L
RT: 10.242 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

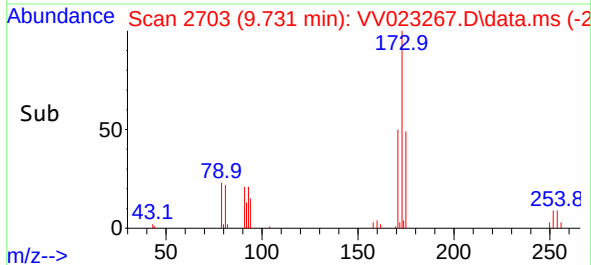
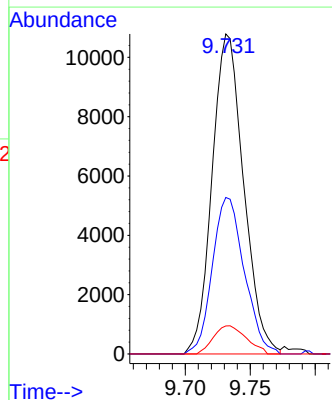
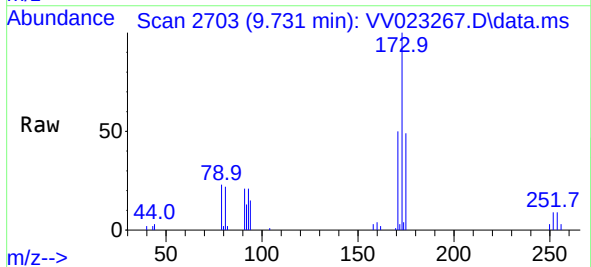
Instrument :
MSVOA_V
ClientSampleId :
H4605MSD

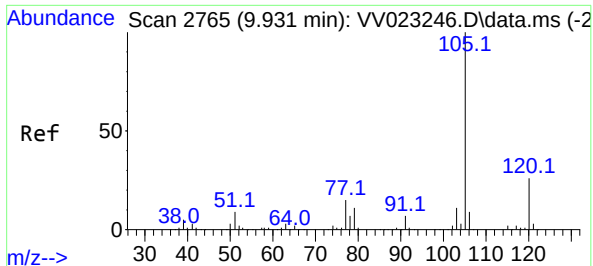
Tgt Ion: 83 Resp: 32173
Ion Ratio Lower Upper
83 100
85 67.9 45.1 83.9
131 10.2 7.8 11.6



#59
Bromoform
Concen: 6.741 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion: 173 Resp: 18178
Ion Ratio Lower Upper
173 100
175 49.5 38.2 57.2
254 9.2 6.2 9.2

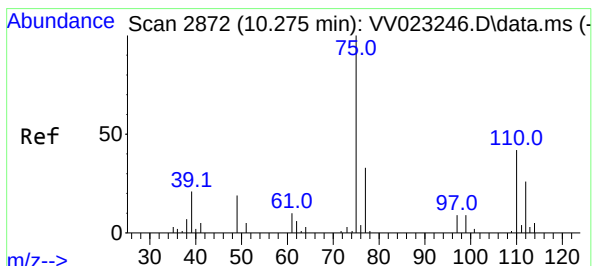
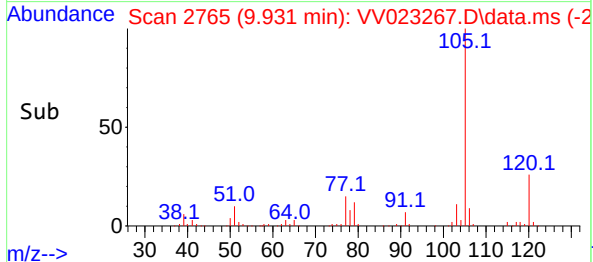
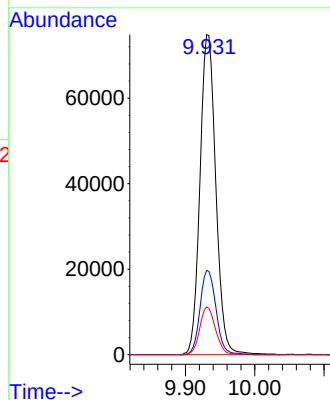
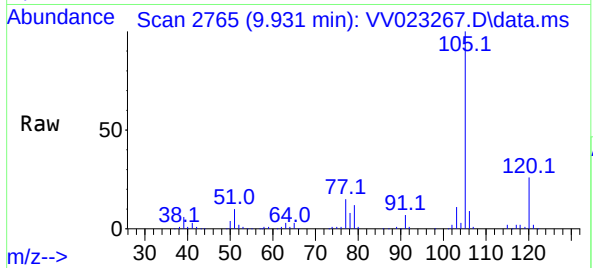




#60
Isopropylbenzene
Concen: 4.590 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

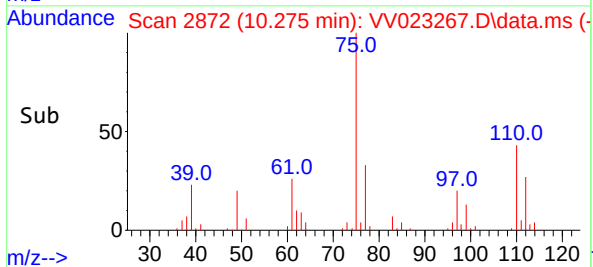
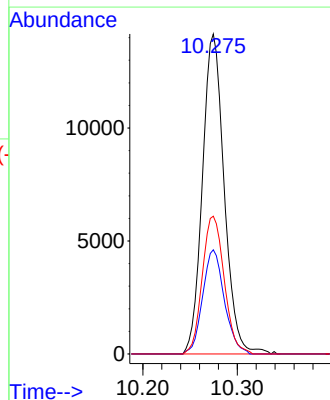
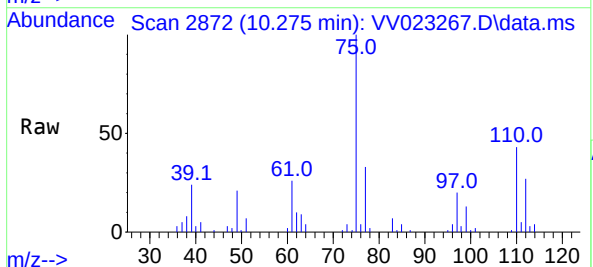
Instrument :
MSVOA_V
ClientSampleId :
H4605MSD

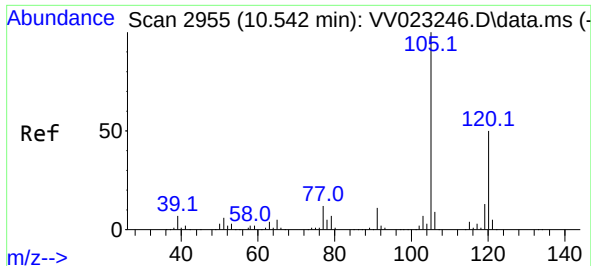
Tgt Ion:105 Resp: 118901
Ion Ratio Lower Upper
105 100
120 26.6 21.7 32.5
77 14.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 7.548 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion: 75 Resp: 22638
Ion Ratio Lower Upper
75 100
77 32.5 26.6 39.8
110 43.4 31.8 47.6

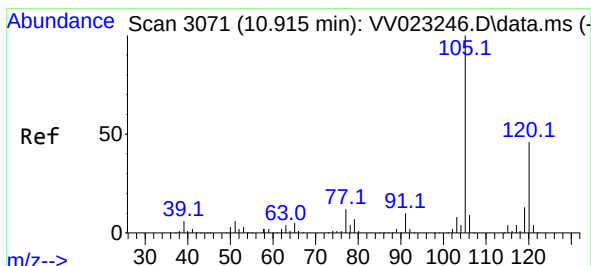
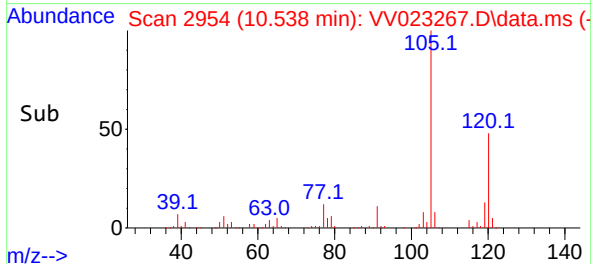
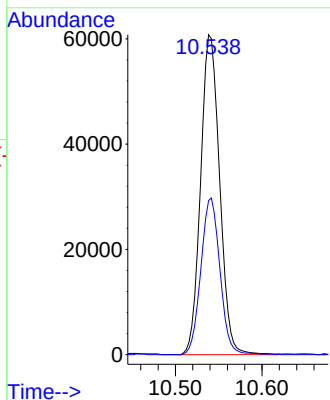
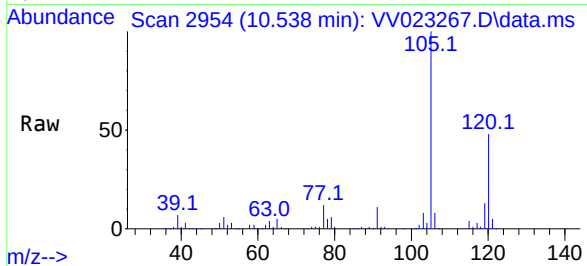




#62
 1,3,5-Trimethylbenzene
 Concen: 4.326 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: VV023267.D
 Acq: 06 Nov 2021 05:14

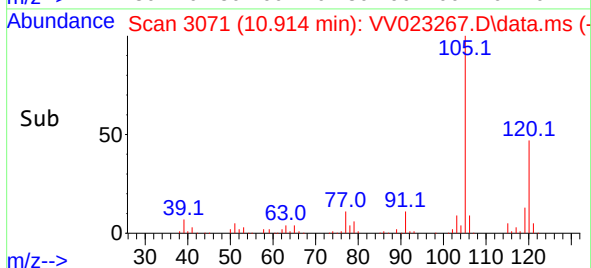
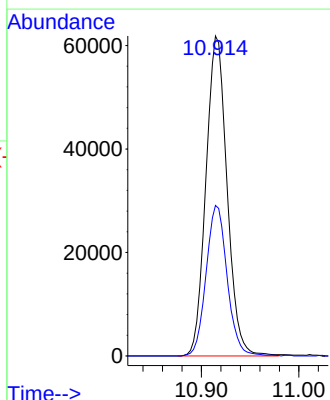
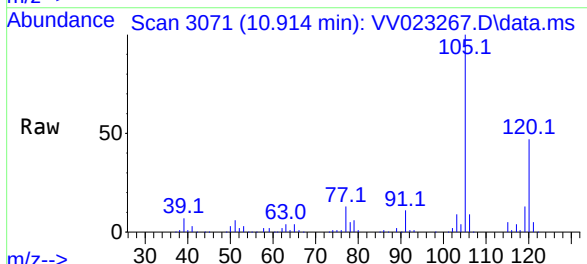
Instrument :
 MSVOA_V
 ClientSampleId :
 H4605MSD

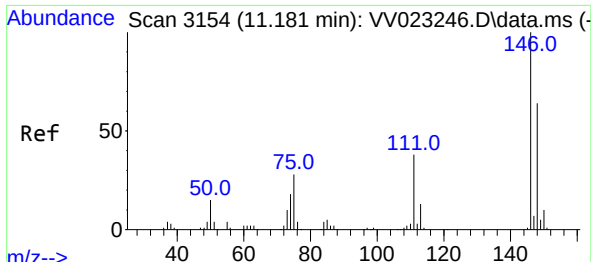
Tgt Ion:105 Resp: 92938
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 4.355 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV023267.D
 Acq: 06 Nov 2021 05:14

Tgt Ion:105 Resp: 93107
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 4.680 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. -0.000 min

Lab File: VV023267.D

Acq: 06 Nov 2021 05:14

Instrument :

MSVOA_V

ClientSampleId :

H4605MSD

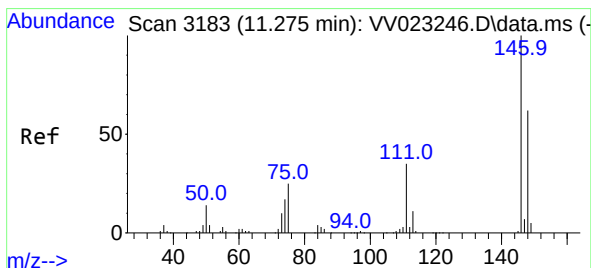
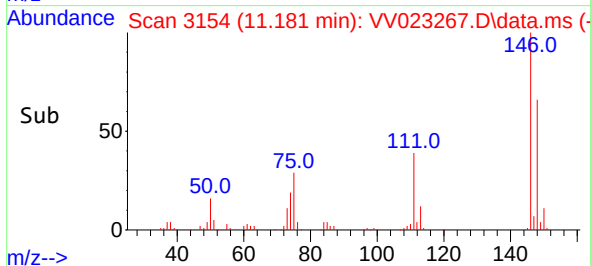
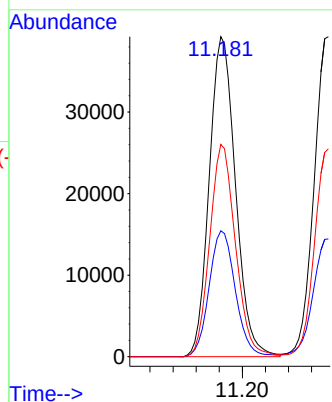
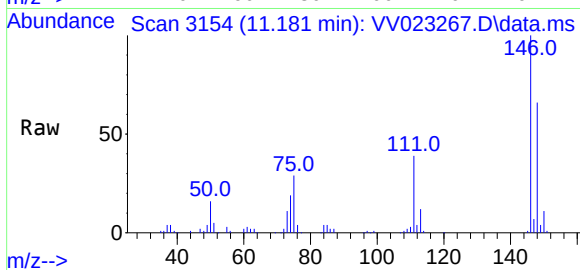
Tgt Ion:146 Resp: 61954

Ion Ratio Lower Upper

146 100

111 39.3 26.7 49.7

148 66.4 42.9 79.7



#65

1,4-Dichlorobenzene

Concen: 4.713 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. -0.000 min

Lab File: VV023267.D

Acq: 06 Nov 2021 05:14

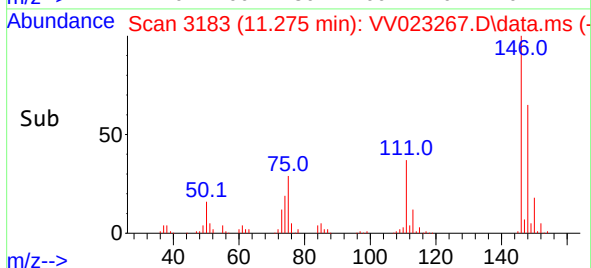
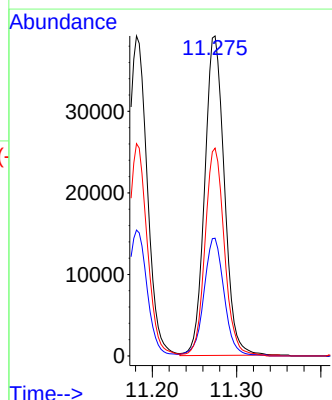
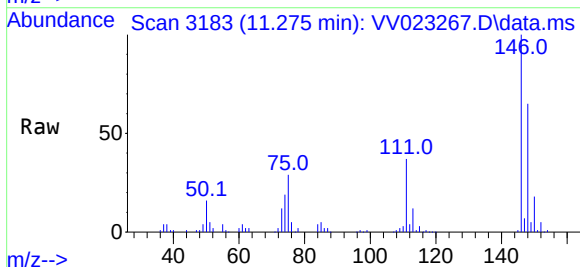
Tgt Ion:146 Resp: 63711

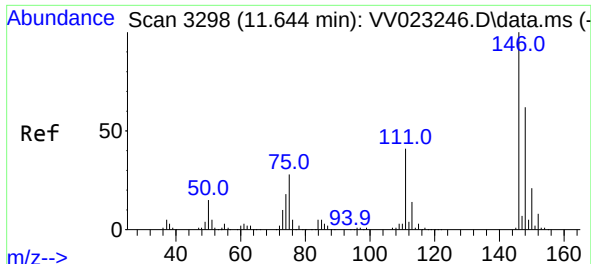
Ion Ratio Lower Upper

146 100

111 36.8 26.2 48.8

148 65.0 44.4 82.5

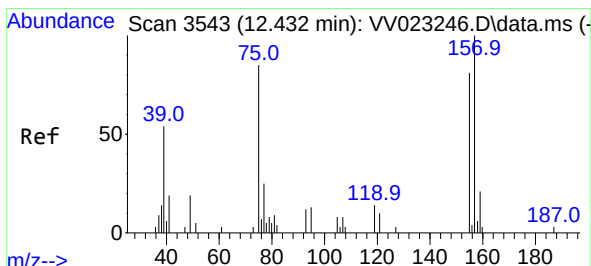
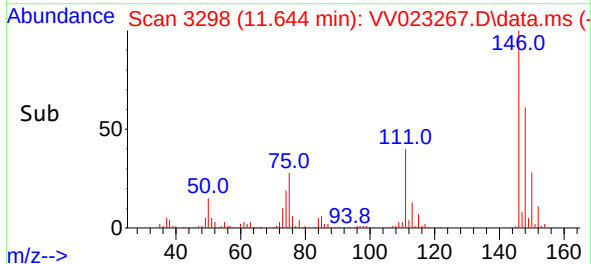
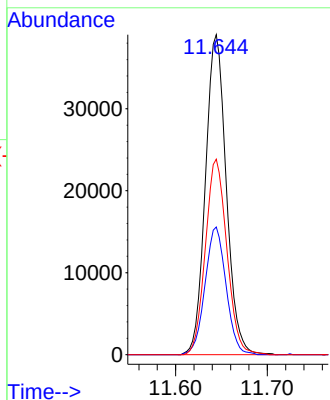
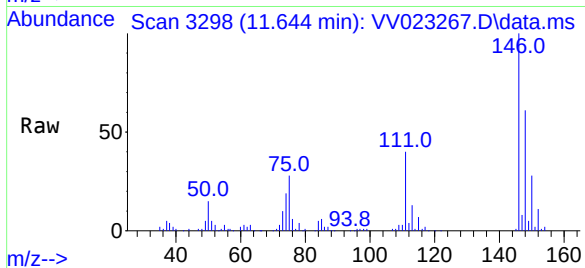




#67
1,2-Dichlorobenzene
Concen: 5.203 ug/L
RT: 11.644 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

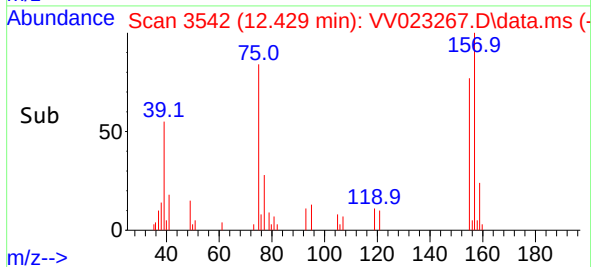
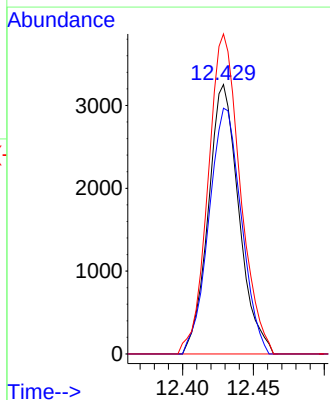
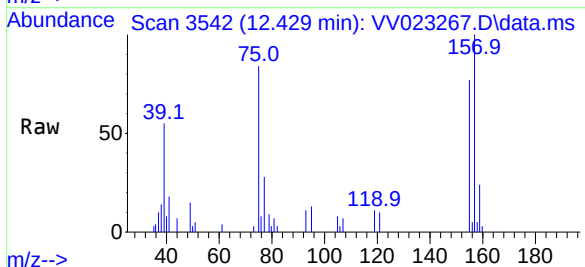
Instrument :
MSVOA_V
ClientSampleId :
H4605MSD

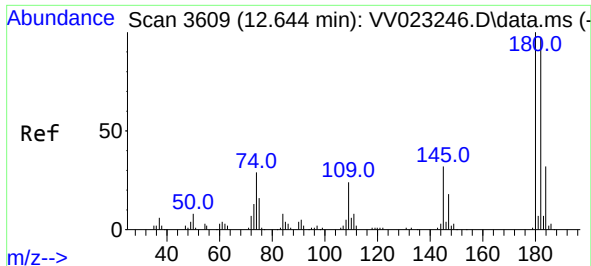
Tgt Ion:146 Resp: 61633
Ion Ratio Lower Upper
146 100
111 39.9 31.6 47.4
148 61.1 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 7.664 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion: 75 Resp: 4897
Ion Ratio Lower Upper
75 100
155 91.2 67.7 101.5
157 118.8 87.9 131.9

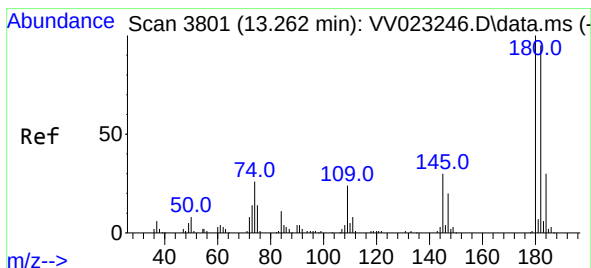
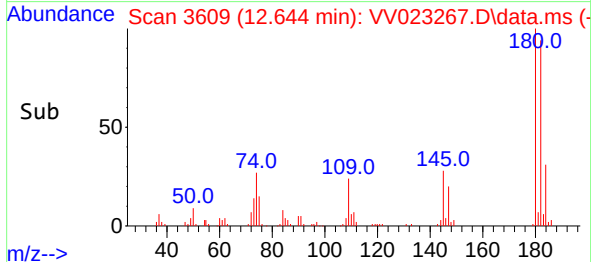
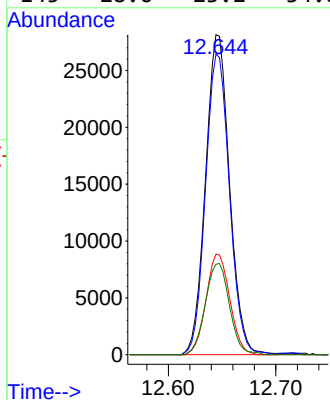
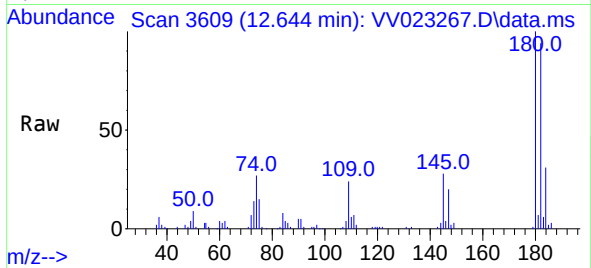




#69
 1,3,5-Trichlorobenzene
 Concen: 4.216 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV023267.D
 Acq: 06 Nov 2021 05:14

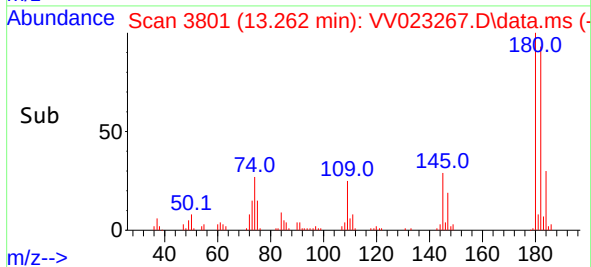
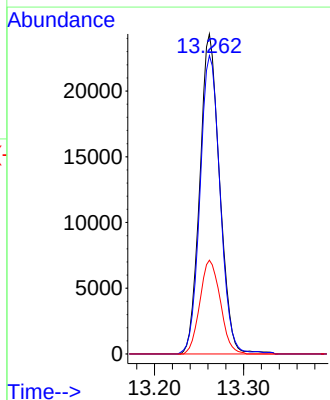
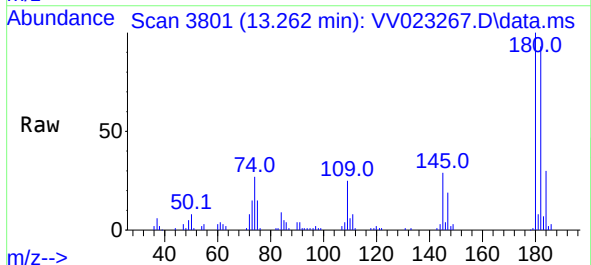
Instrument :
 MSVOA_V
 ClientSampleId :
 H4605MSD

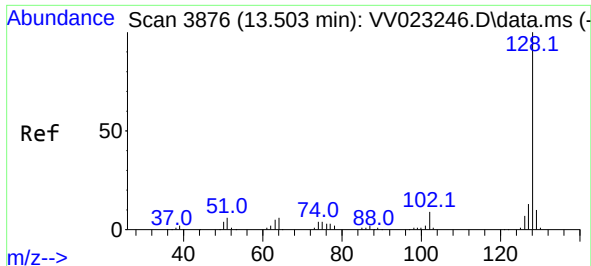
Tgt Ion:180	Resp:	43694
Ion	Ratio	Lower Upper
180	100	
182	93.4	74.9 112.3
184	30.9	23.8 35.8
145	28.6	23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.527 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV023267.D
 Acq: 06 Nov 2021 05:14

Tgt Ion:180	Resp:	37572
Ion	Ratio	Lower Upper
180	100	
182	94.4	76.9 115.3
145	30.2	24.4 36.6



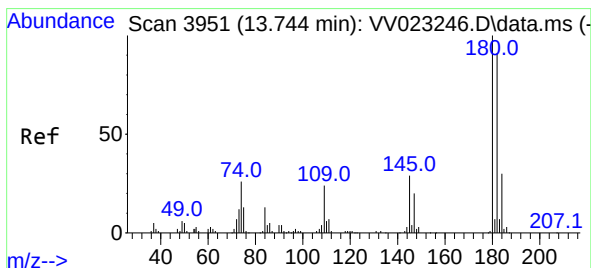
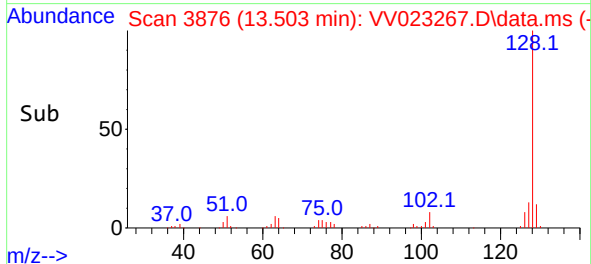
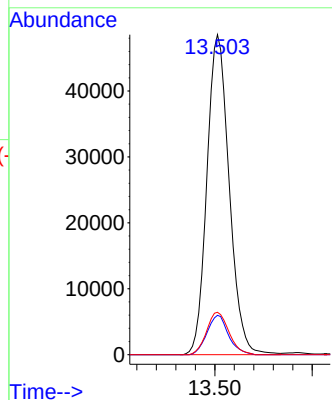
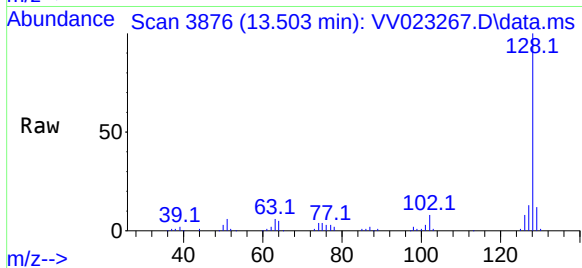


#71
Naphthalene
Concen: 6.297 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Instrument :
MSVOA_V
ClientSampleId :
H4605MSD

Tgt Ion:128 Resp: 77068

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	13.0
127	13.3	10.5	15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.195 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion:180 Resp: 37728

Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.7	115.1
145	32.1	25.7	38.5

