

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 :

Quant Time: Nov 08 06:50:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 06:44:32 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	133.451	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	266.900%#	
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	99
3) Chloromethane	1.243	50	36400	5.399	ug/L	96
5) Vinyl chloride	1.314	62	34058	5.058	ug/L	99
6) Bromomethane	1.523	94	13821	3.211	ug/L	97
8) Chloroethane	1.587	64	19756	5.084	ug/L	91
9) Trichlorofluoromethane	1.757	101	51705	5.110	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	26339	5.171	ug/L	100
12) 1,1-Dichloroethene	2.124	96	24917	5.138	ug/L	92
13) Acetone	2.175	43	63876	112.254	ug/L	84
14) Carbon disulfide	2.297	76	86318	4.717	ug/L	100
15) Methyl Acetate	2.436	43	12978	5.963	ug/L #	87
16) Methylene chloride	2.510	84	30906	4.367	ug/L	100
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	95
19) 1,1-Dichloroethane	3.194	63	50086	4.976	ug/L	98
21) 2-Butanone	3.966	43	97844	133.160	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	30843	5.376	ug/L	97
23) Bromochloromethane	4.256	128	15932	6.022	ug/L	98
25) Chloroform	4.381	83	54129	5.045	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VV023267.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

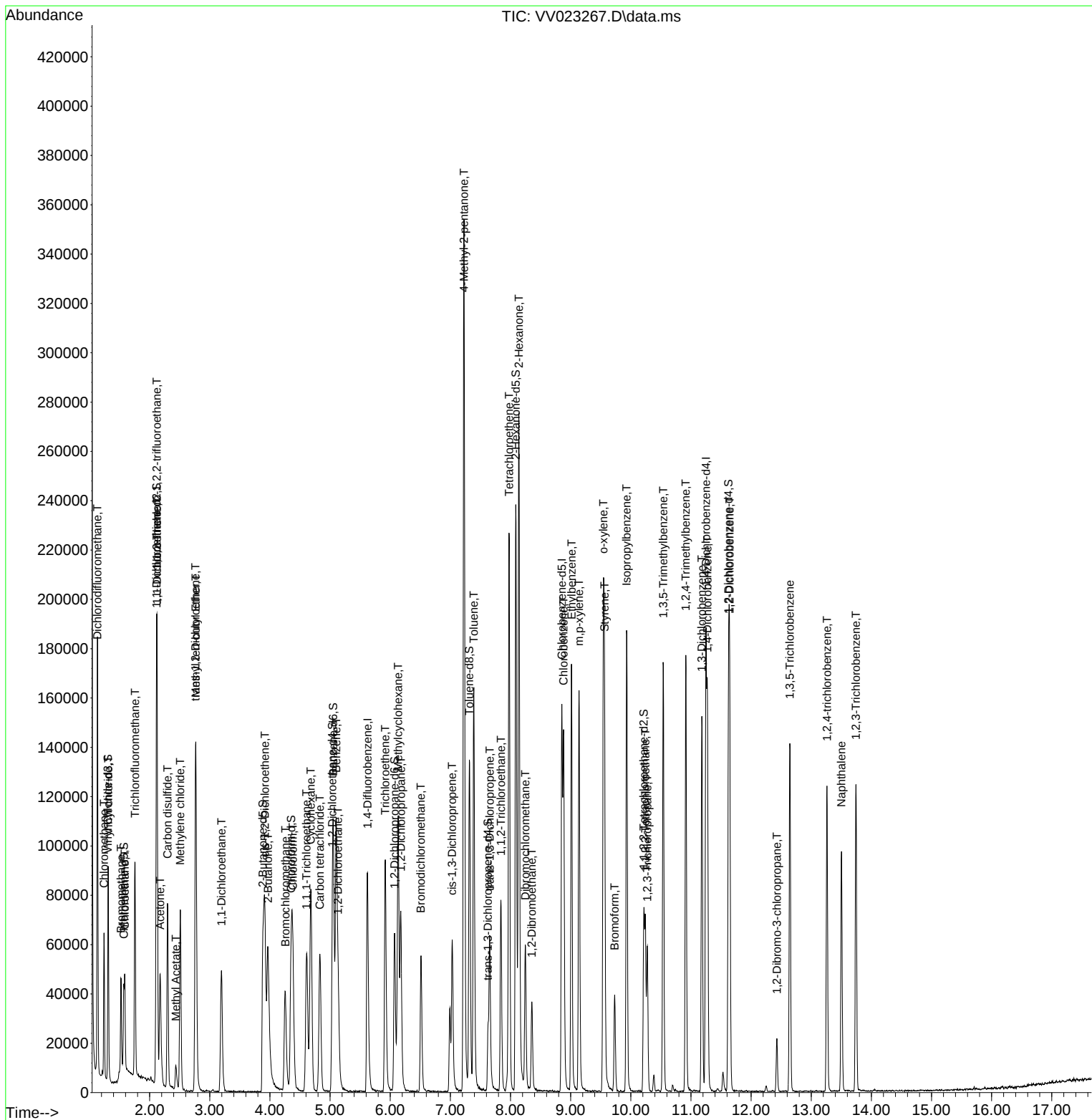
Instrument :
 MSVOA_V
 ClientSampleId :

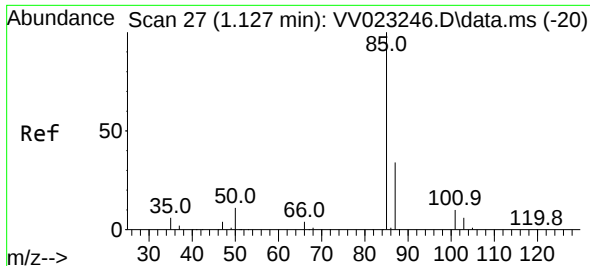
Quant Time: Nov 08 06:50:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 06:44:32 2021
 Response via : Initial Calibration

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	99
31) Carbon tetrachloride	4.831	117	41950	4.614	ug/L	98
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	98
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	98
40) 4-Methyl-2-pentanone	7.226	43	225701	89.473	ug/L	98
42) Toluene	7.390	91	120371	4.830	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	35613	5.486	ug/L	93
45) 1,1,2-Trichloroethane	7.841	97	24712	6.323	ug/L	94
47) Tetrachloroethene	7.979	164	51396	9.572	ug/L	97
48) 2-Hexanone	8.140	43	172125	95.137	ug/L	99
49) Dibromochloromethane	8.246	129	30109	6.081	ug/L	95
50) 1,2-Dibromoethane	8.355	107	24644	6.805	ug/L	95
51) Chlorobenzene	8.882	112	79287	4.787	ug/L	99
52) Ethylbenzene	9.014	91	118228	4.498	ug/L	98
53) m,p-xylene	9.140	106	45008	4.364	ug/L	99
54) o-xylene	9.545	106	44800	4.630	ug/L	100
55) Styrene	9.564	104	73689	4.445	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	32173	7.514	ug/L	98
59) Bromoform	9.731	173	18178	6.741	ug/L	100
60) Isopropylbenzene	9.931	105	118901	4.590	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22638	7.548	ug/L	97
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	98
64) 1,3-Dichlorobenzene	11.181	146	61954	4.680	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	63711	4.713	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	61633	5.203	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	4897	7.664	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	43694	4.216	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	37572	4.527	ug/L	98
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

Quant Time: Nov 08 06:50:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 06:44:32 2021
Response via : Initial Calibration

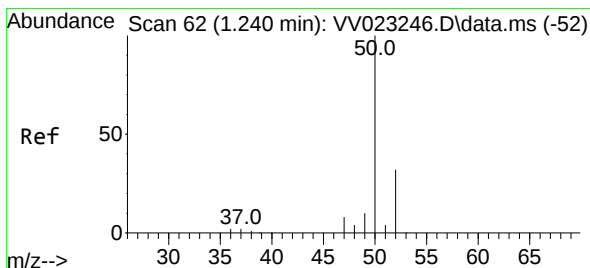
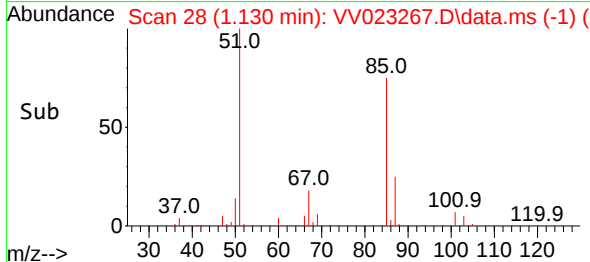
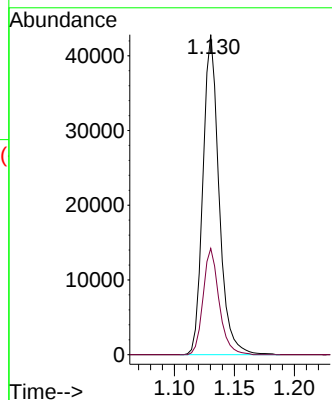
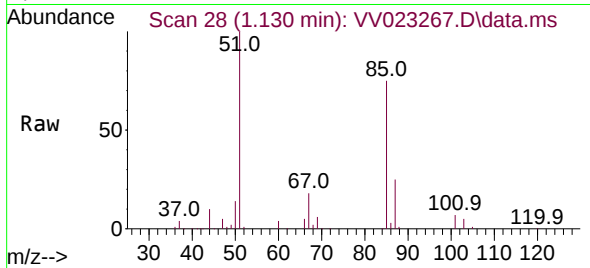




#2
 Dichlorodifluoromethane
 Concen: 5.056 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023267.D
 Acq: 06 Nov 2021 05:14

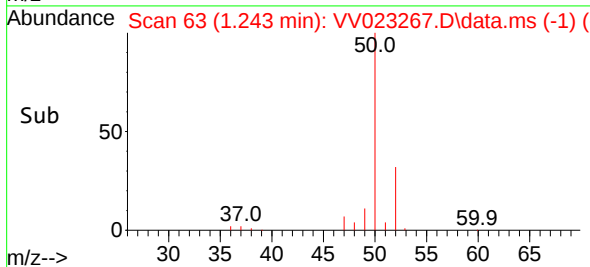
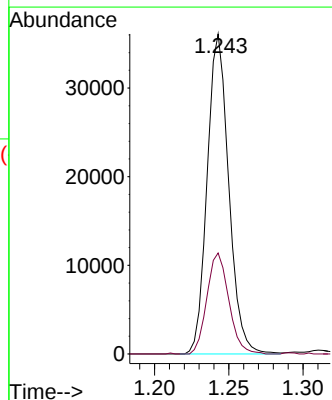
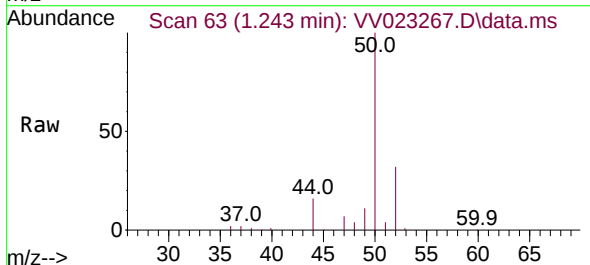
Instrument :
 MSVOA_V
 ClientSampleId :

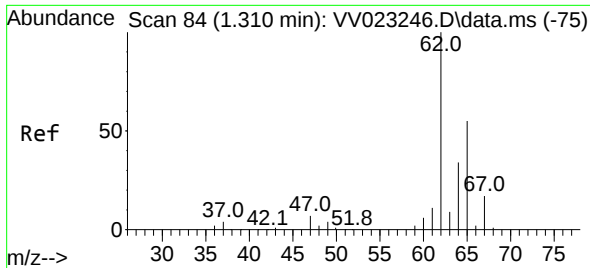
Tgt Ion: 85 Resp: 40098
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#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 23.7 43.9

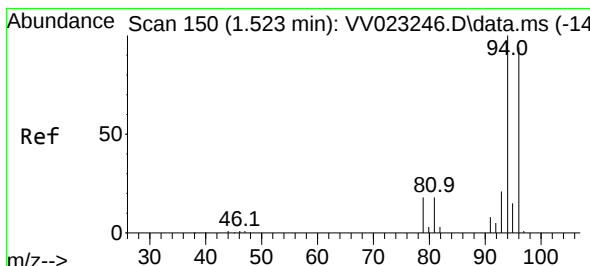
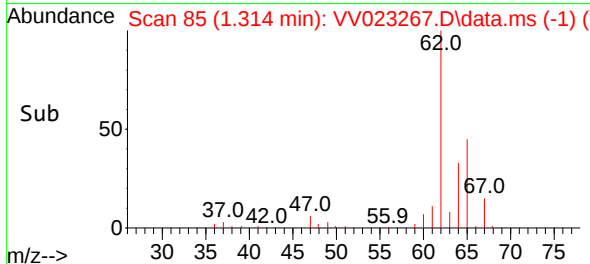
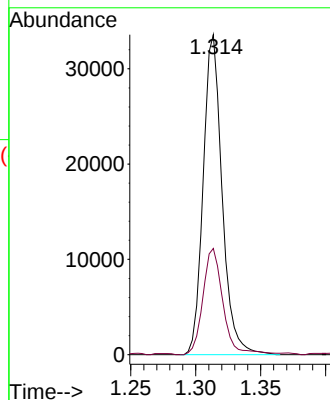
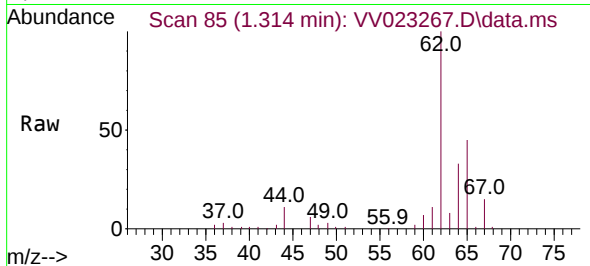




#5
 Vinyl chloride
 Concen: 5.058 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023267.D
 Acq: 06 Nov 2021 05:14

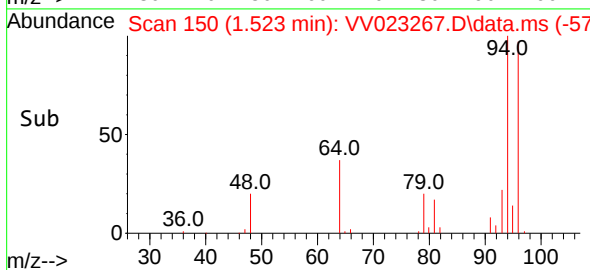
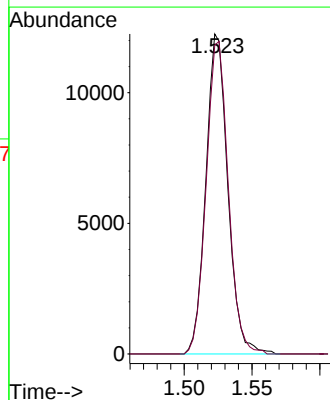
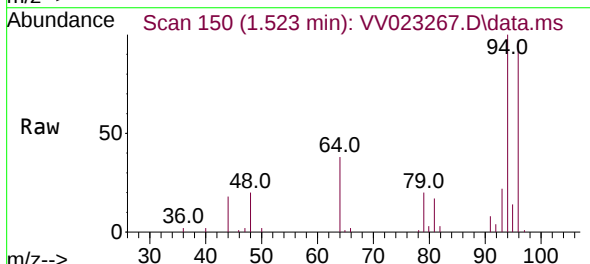
Instrument :
 MSVOA_V
 ClientSampleId :

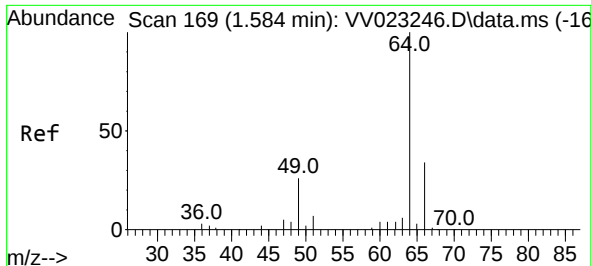
Tgt Ion: 62 Resp: 34058
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.7 43.9



#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 65.7 122.1

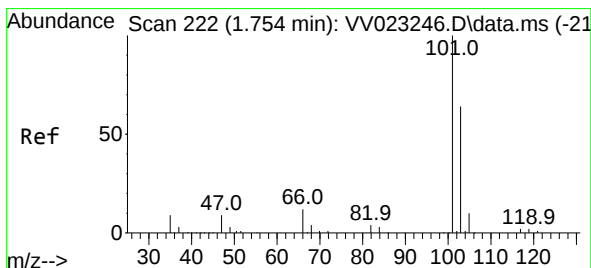
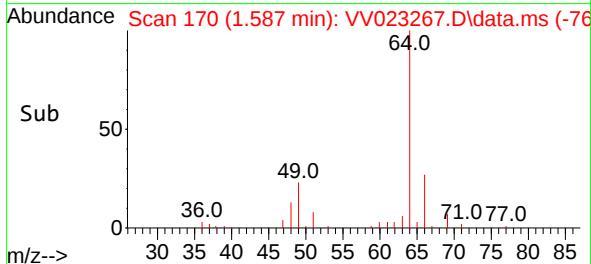
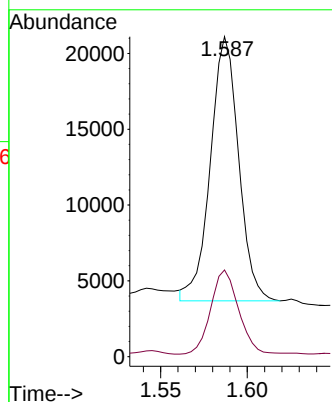
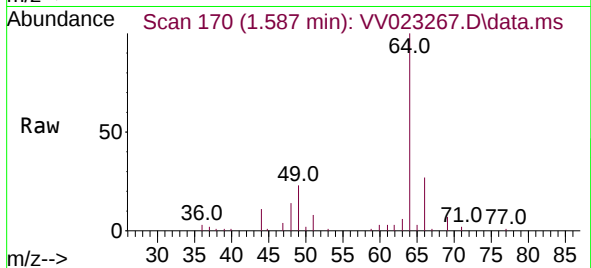




#8
Chloroethane
Concen: 5.084 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

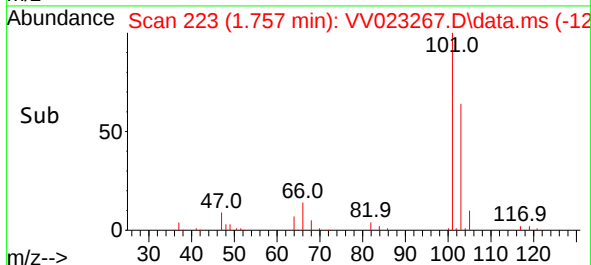
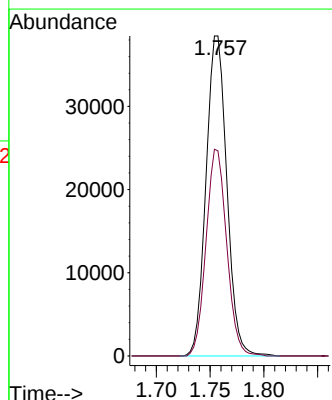
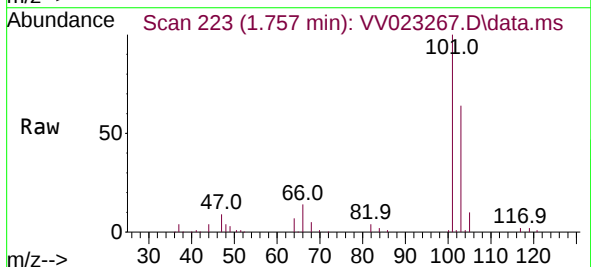
Instrument :
MSVOA_V
ClientSampleId :

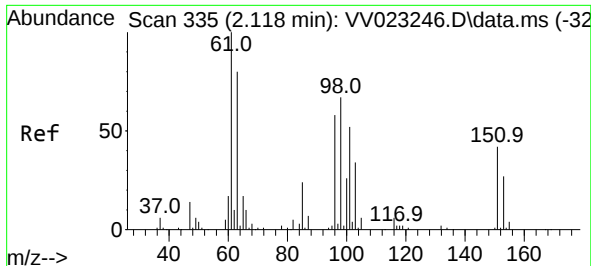
Tgt Ion: 64 Resp: 19756
Ion Ratio Lower Upper
64 100
66 27.1 22.4 41.6



#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 51.9 77.9





#10

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

Concen: 5.171 ug/L

RT: 2.121 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV023267.D

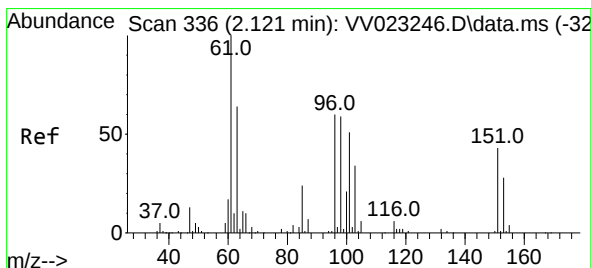
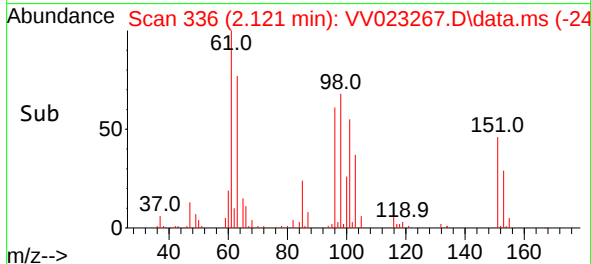
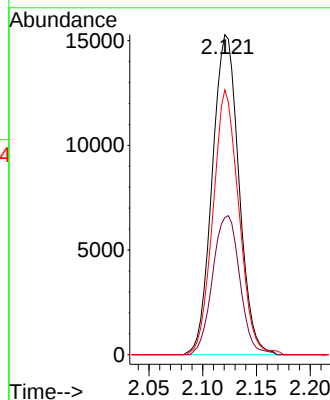
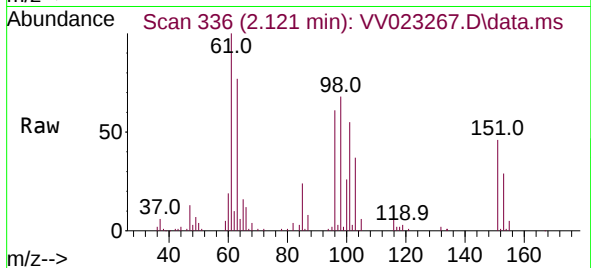
Acq: 06 Nov 2021 05:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:101	Resp:	26339
Ion Ratio	Lower	Upper
101	100	
85	44.3	35.4 53.0
151	80.4	64.3 96.5



#12

1,1-Dichloroethene

Concen: 5.138 ug/L

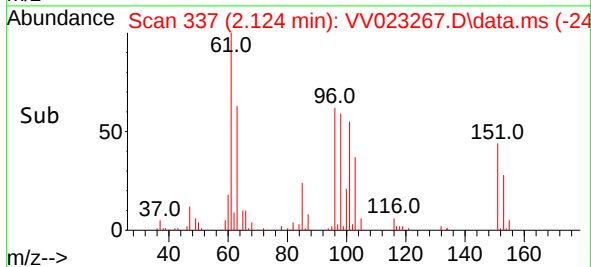
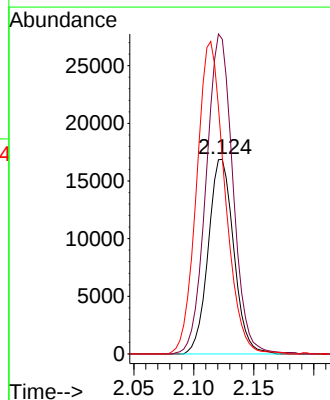
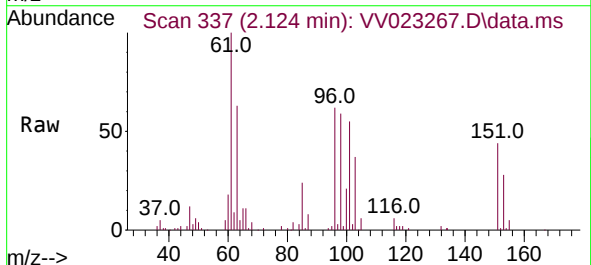
RT: 2.124 min Scan# 337

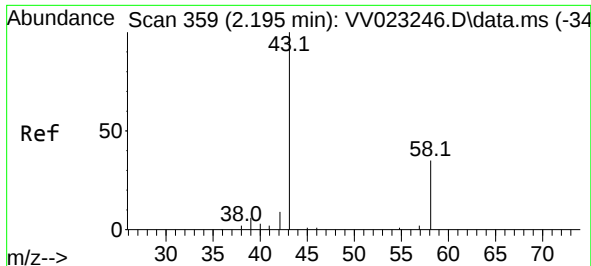
Delta R.T. 0.003 min

Lab File: VV023267.D

Acq: 06 Nov 2021 05:14

Tgt Ion: 96	Resp:	24917
Ion Ratio	Lower	Upper
96	100	
61	161.7	117.7 218.7
63	101.3	80.5 149.5

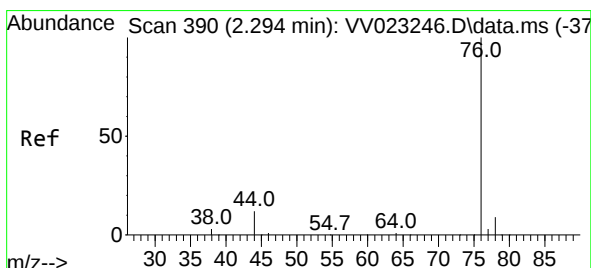
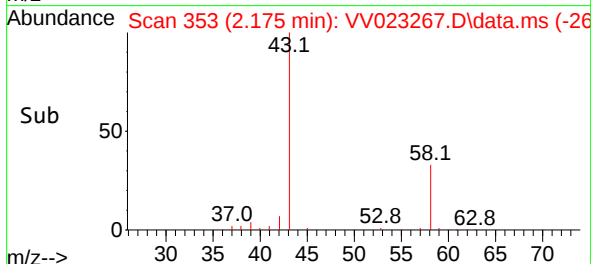
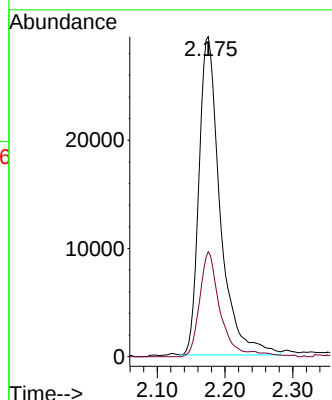
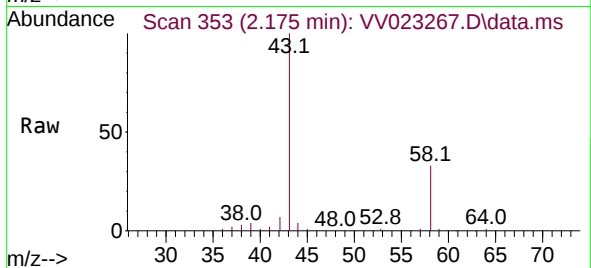




#13
Acetone
Concen: 112.254 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.019 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

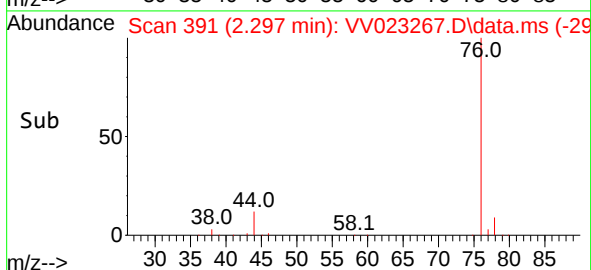
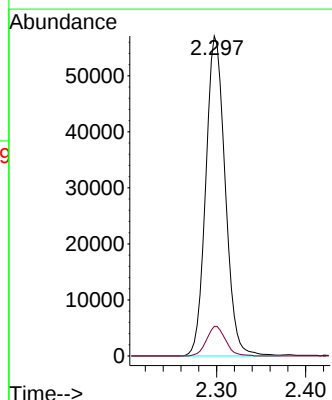
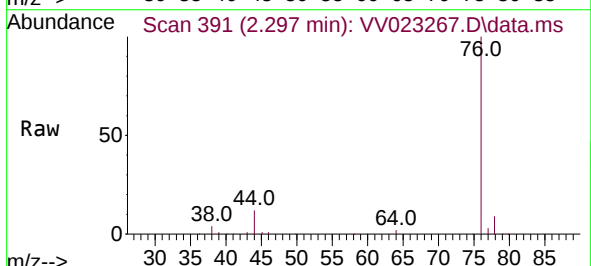
Instrument :
MSVOA_V
ClientSampleId :

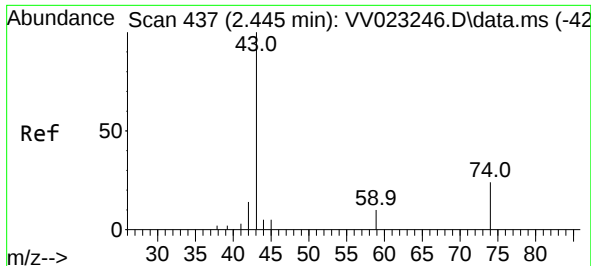
Tgt Ion: 43 Resp: 63876
Ion Ratio Lower Upper
43 100
58 30.8 0.0 45.8



#14
Carbon disulfide
Concen: 4.717 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Tgt Ion: 76 Resp: 86318
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

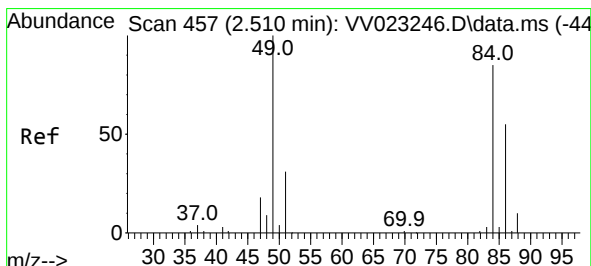
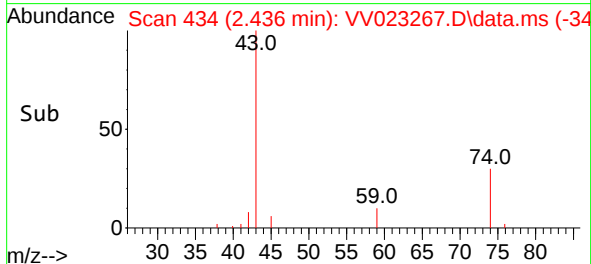
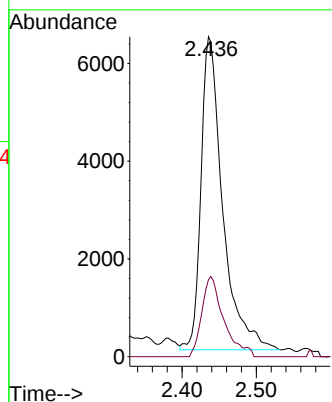
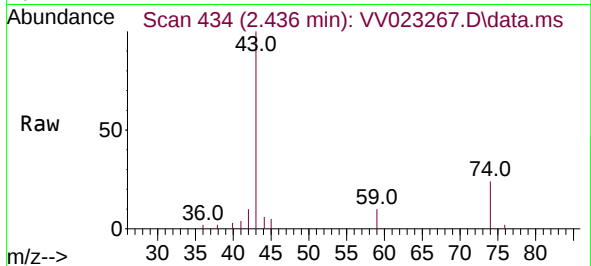




#15
Methyl Acetate
Concen: 5.963 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

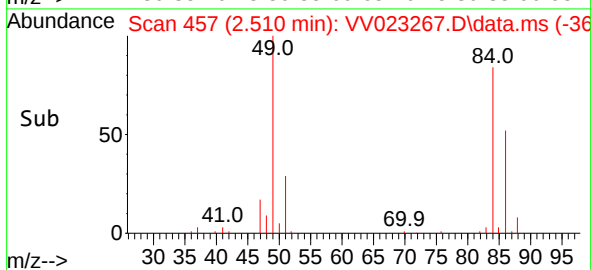
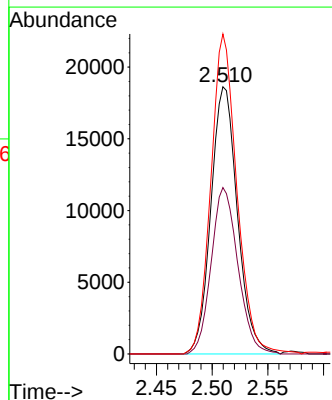
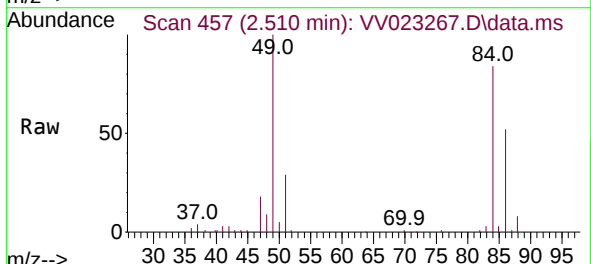
Instrument :
MSVOA_V
ClientSampleId :

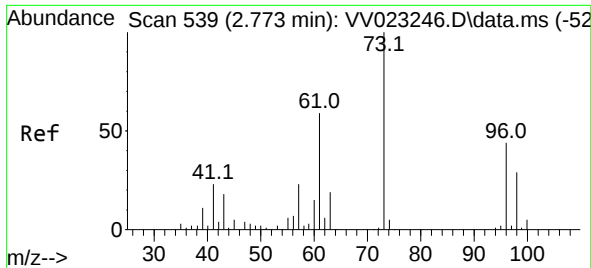
Tgt Ion: 43 Resp: 12978
Ion Ratio Lower Upper
43 100
74 25.8 16.0 24.0#



#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

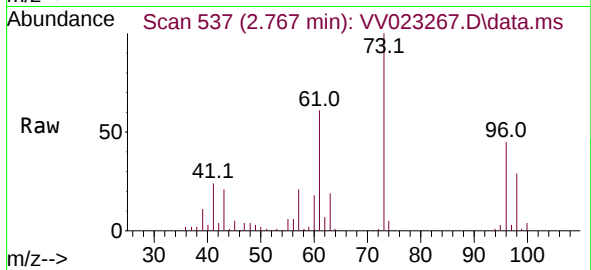
Tgt Ion: 84 Resp: 30906
Ion Ratio Lower Upper
84 100
86 62.2 43.3 80.5
49 119.8 84.1 156.1



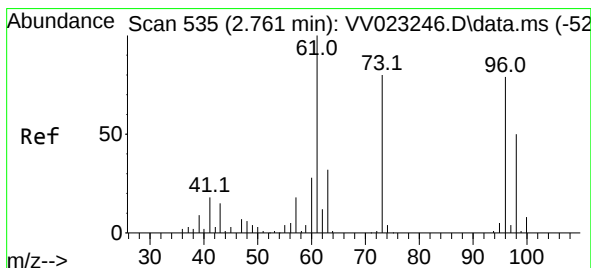
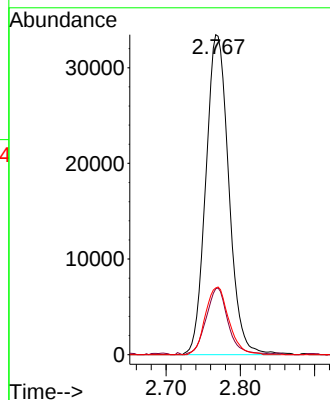
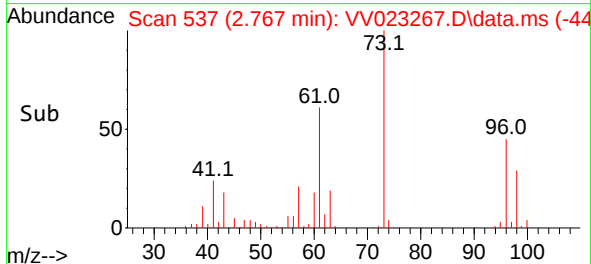


#17
Methyl tert-butyl Ether
Concen: 6.727 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.007 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

Instrument :
MSVOA_V
ClientSampleId :

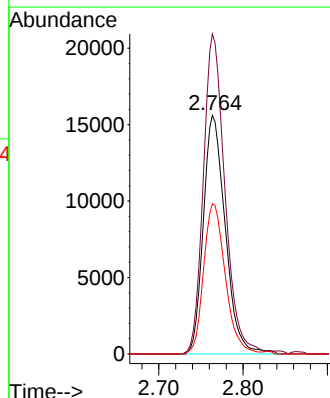
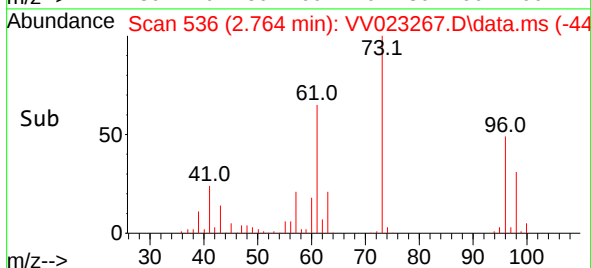
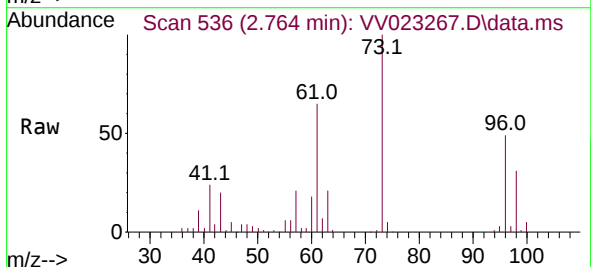


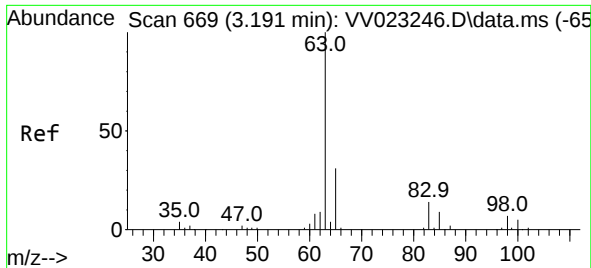
Tgt Ion: 73 Resp: 71809
Ion Ratio Lower Upper
73 100
43 20.0 14.2 21.4
57 21.6 17.8 26.8



#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 89.2 165.6
98 62.9 41.9 77.9





#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

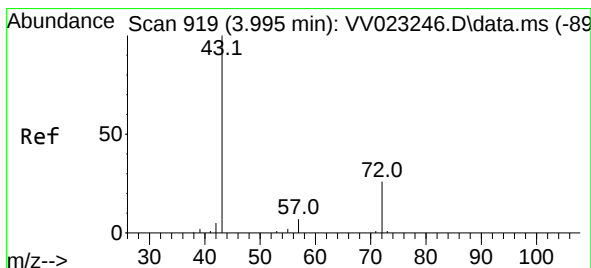
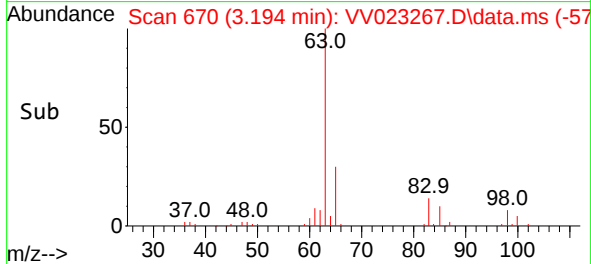
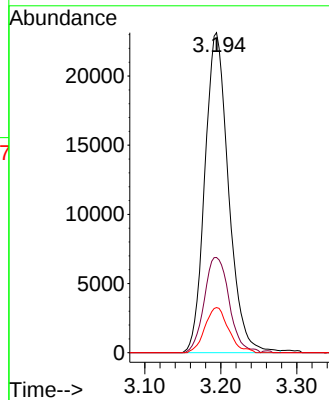
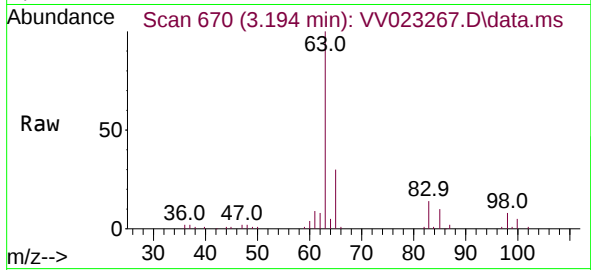
Acq: 06 Nov 2021 05:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	50086
Ion	Ratio	Lower	Upper
63	100		
65	29.8	21.6	40.2
83	14.1	9.8	18.2



#21

2-Butanone

Concen: 133.160 ug/L

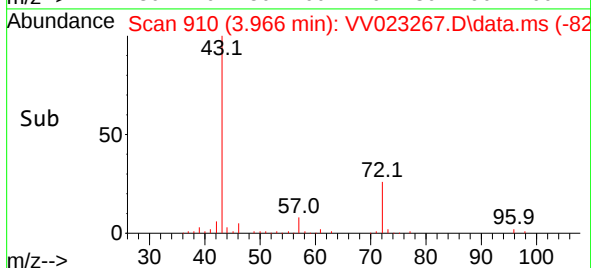
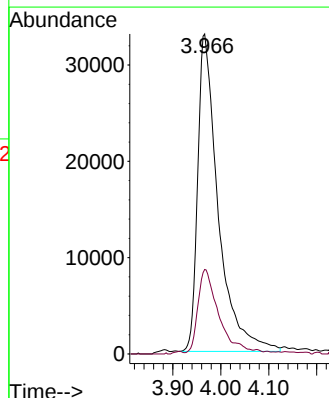
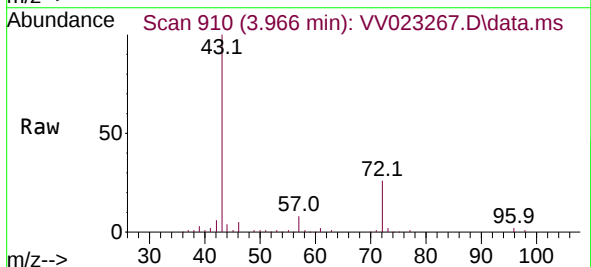
RT: 3.966 min Scan# 910

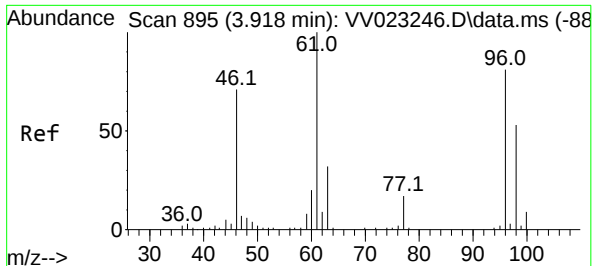
Delta R.T. -0.029 min

Lab File: VV023267.D

Acq: 06 Nov 2021 05:14

Tgt Ion:	43	Resp:	97844
Ion	Ratio	Lower	Upper
43	100		
72	26.3	11.6	34.7





#22

cis-1,2-Dichloroethene

Concen: 5.376 ug/L

RT: 3.915 min Scan# 89

Delta R.T. -0.003 min

Lab File: VV023267.D

Acq: 06 Nov 2021 05:14

Instrument :

MSVOA_V

ClientSampleId :

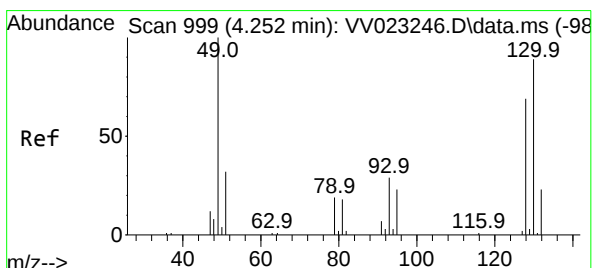
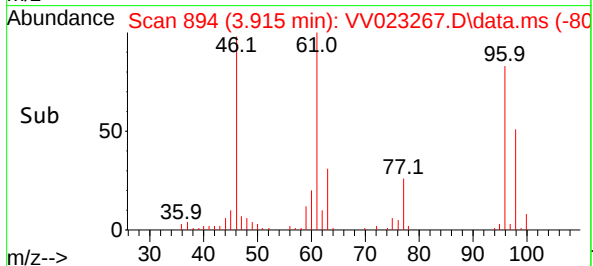
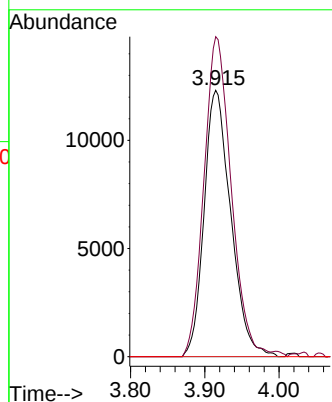
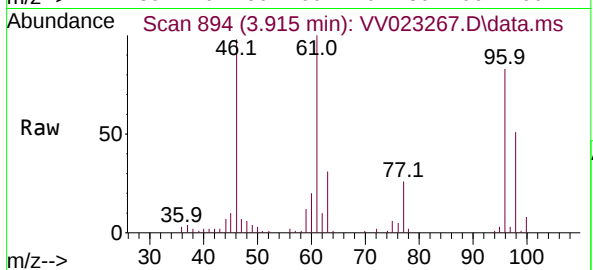
Tgt Ion: 96 Resp: 30843

Ion Ratio Lower Upper

96 100

61 120.1 86.7 160.9

68 0.0 0.0 0.0



#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

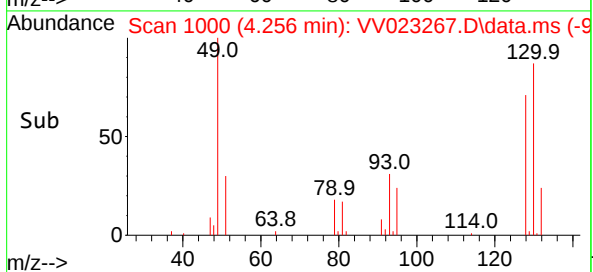
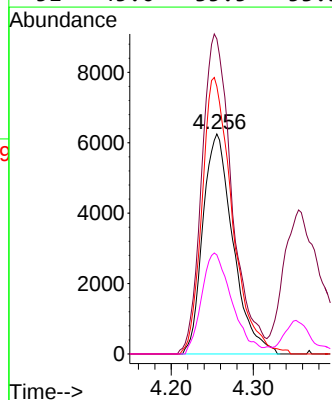
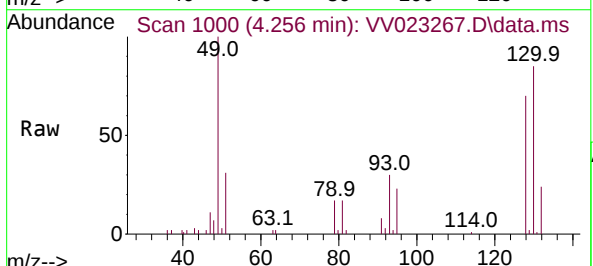
Ion Ratio Lower Upper

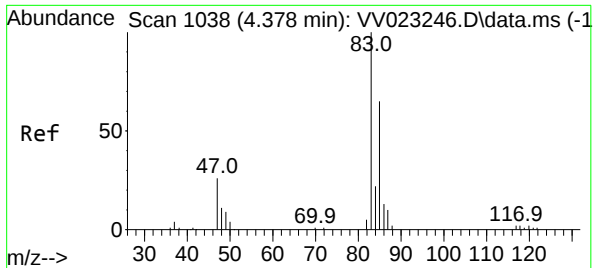
128 100

49 143.2 103.0 191.4

130 121.7 86.7 161.1

51 45.0 35.5 53.3

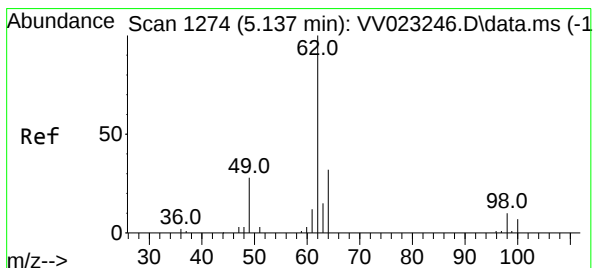
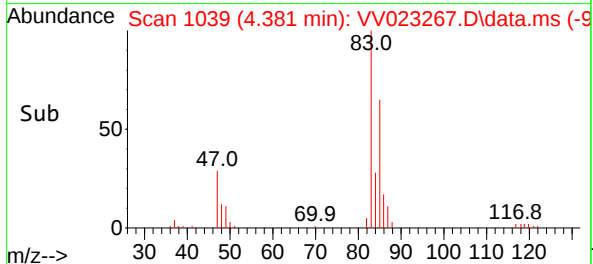
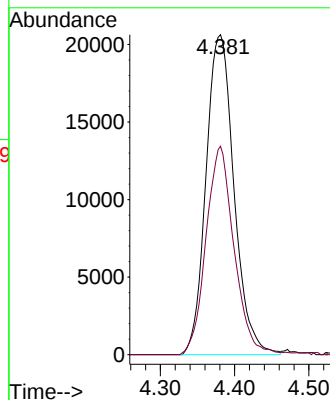
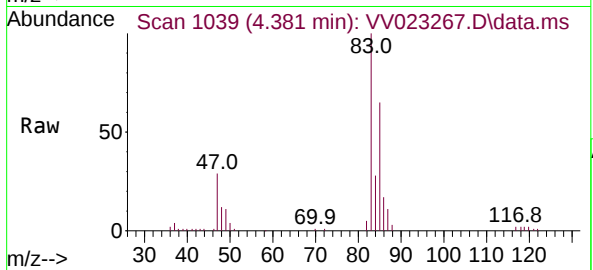




#25
Chloroform
Concen: 5.045 ug/L
RT: 4.381 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

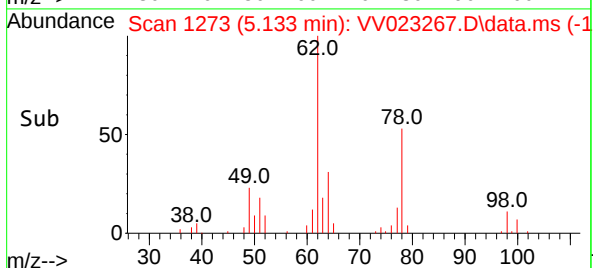
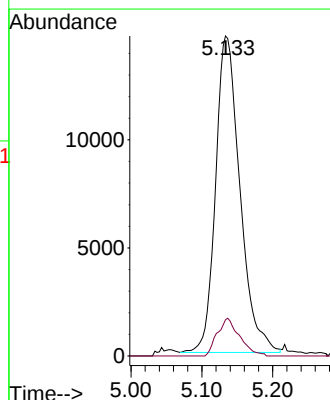
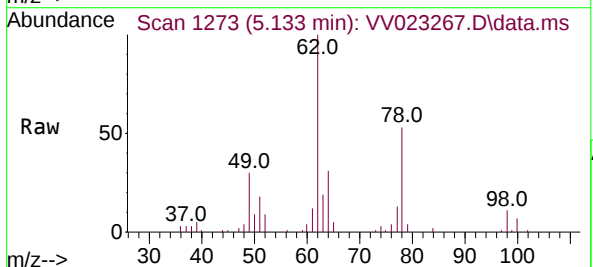
Instrument :
MSVOA_V
ClientSampleId :

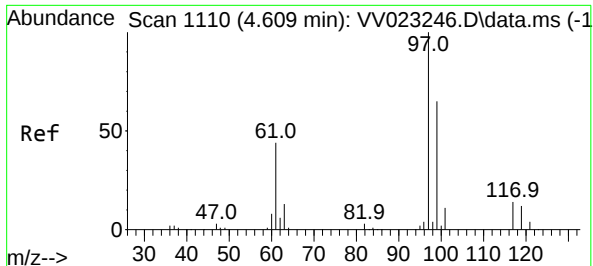
Tgt Ion: 83 Resp: 54129
Ion Ratio Lower Upper
83 100
85 65.1 46.3 85.9



#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 12.2





#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 :

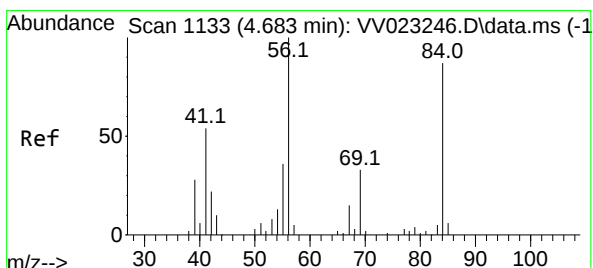
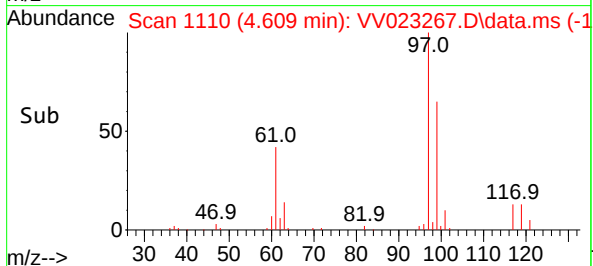
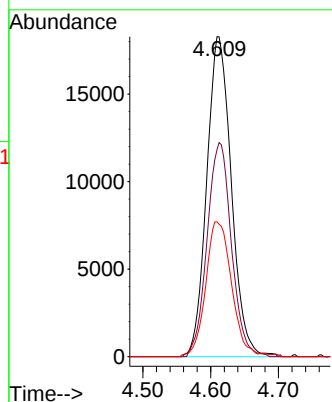
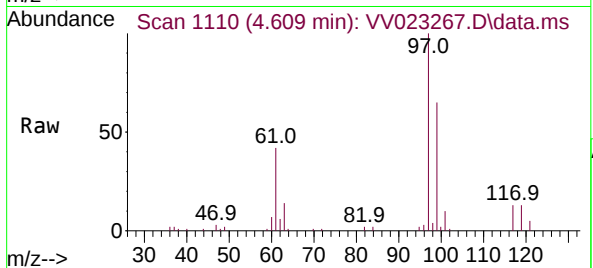
Tgt Ion: 97 Resp: 46111

Ion Ratio Lower Upper

97 100

99 66.0 51.3 76.9

61 43.9 33.5 50.3



#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

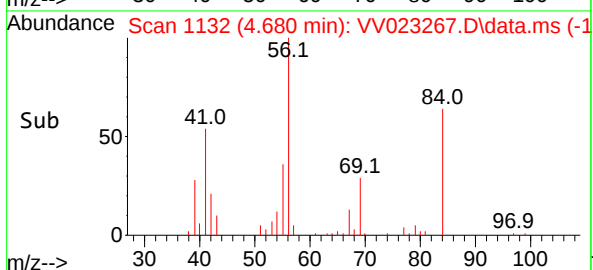
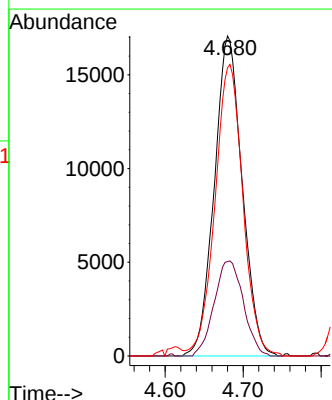
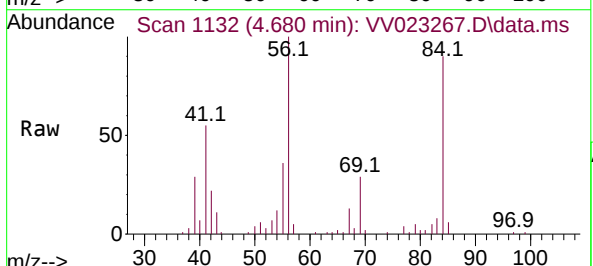
Tgt Ion: 56 Resp: 42478

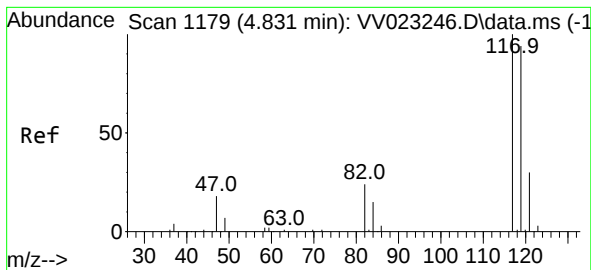
Ion Ratio Lower Upper

56 100

69 31.1 24.7 37.1

84 91.4 73.8 110.6





#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

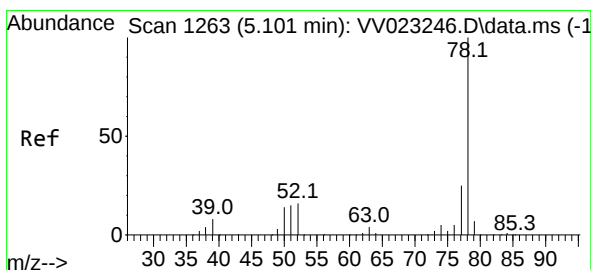
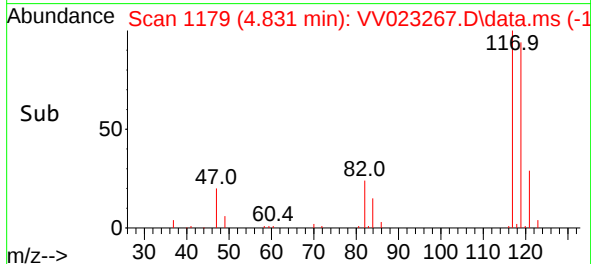
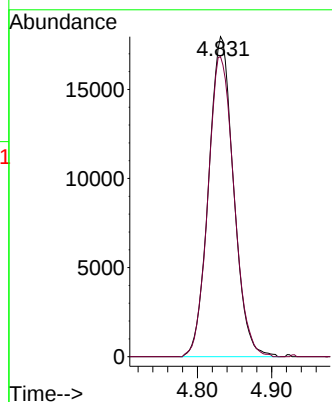
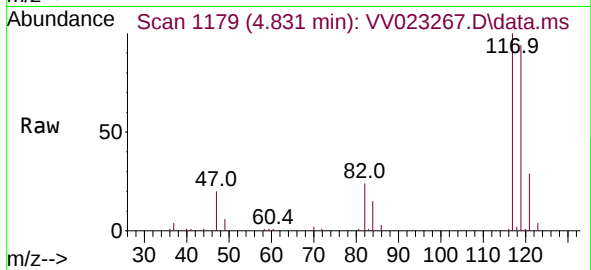
ClientSampleId :

Tgt Ion:117 Resp: 41950

Ion Ratio Lower Upper

117 100

119 97.6 76.6 114.8



#33

Benzene

Concen: 4.811 ug/L

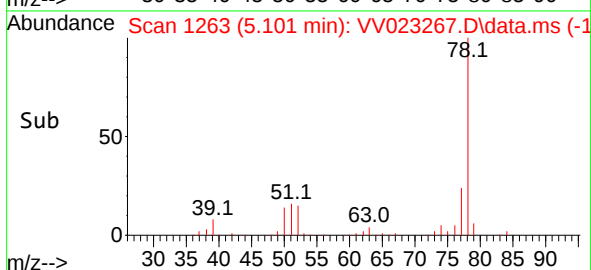
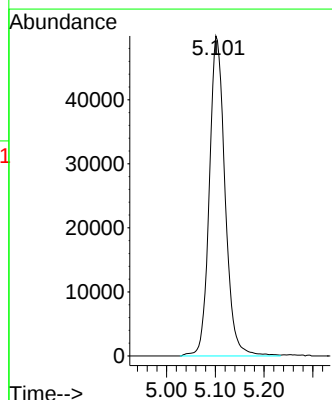
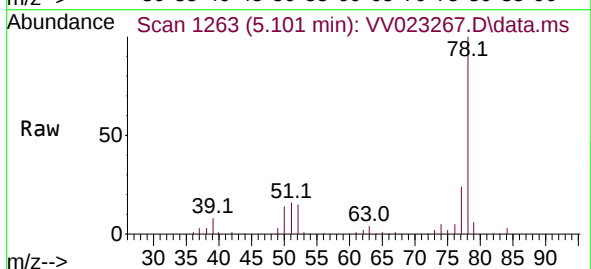
RT: 5.101 min Scan# 1263

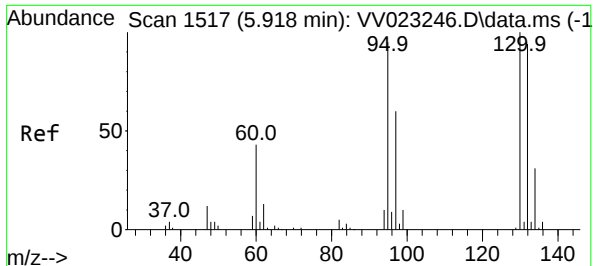
Delta R.T. -0.000 min

Lab File: VV023267.D

Acq: 06 Nov 2021 05:14

Tgt Ion: 78 Resp: 112080

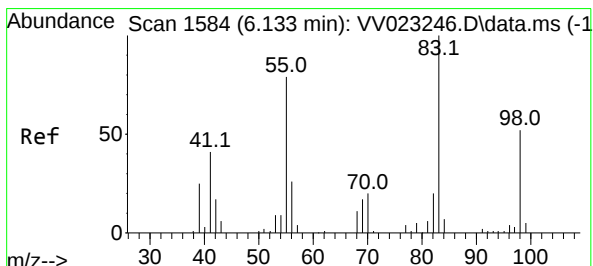
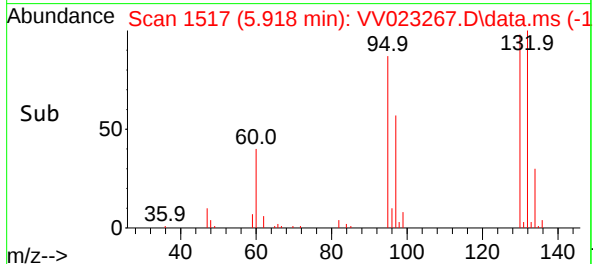
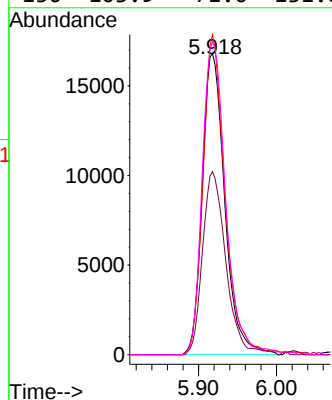
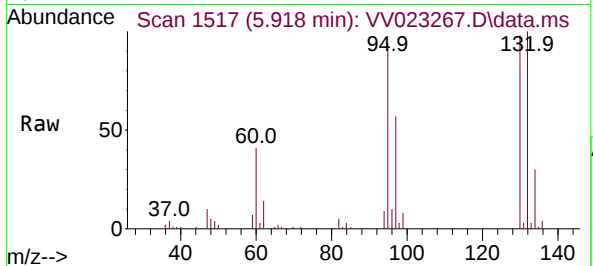




#34
Trichloroethene
Concen: 5.436 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

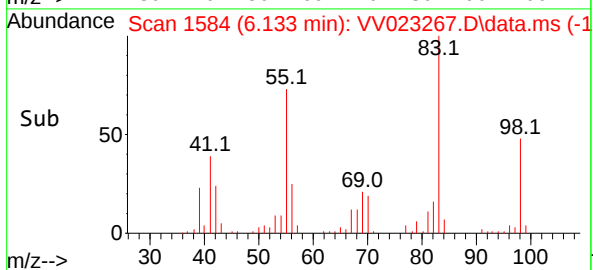
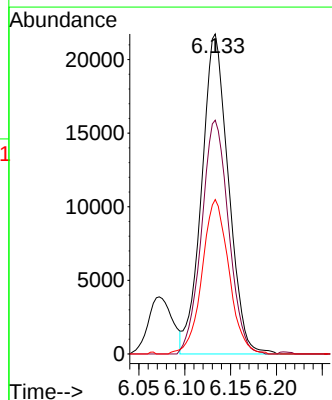
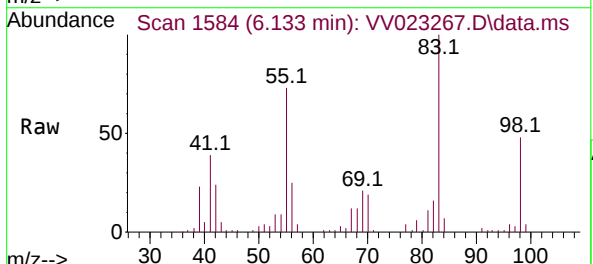
Instrument :
MSVOA_V
ClientSampleId :

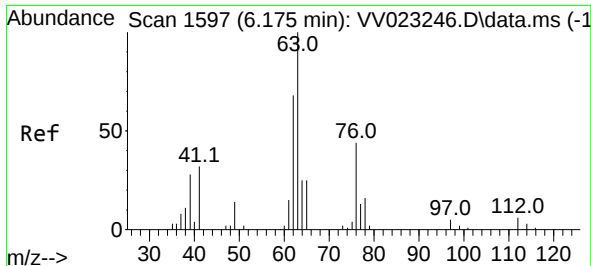
Tgt Ion: 95 Resp: 33677
Ion Ratio Lower Upper
95 100
97 60.7 43.3 80.5
132 106.2 70.0 130.0
130 103.9 71.0 131.8



#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 59.6 89.4
98 48.2 40.6 61.0





#37

1,2-Dichloropropane

Concen: 5.183 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023267.D

Acq: 06 Nov 2021 05:14

Instrument :

MSVOA_V

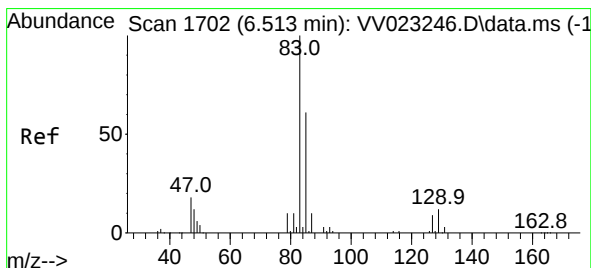
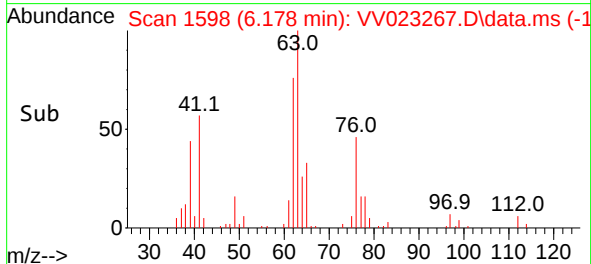
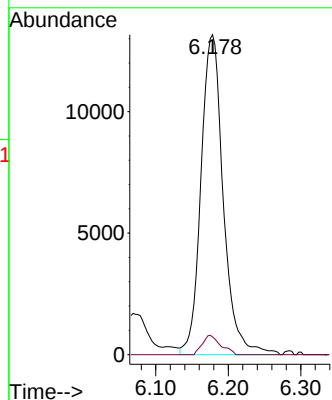
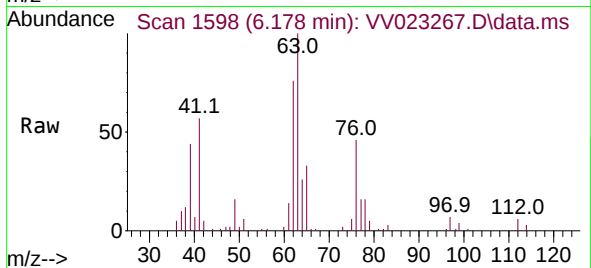
ClientSampleId :

Tgt Ion: 63 Resp: 28189

Ion Ratio Lower Upper

63 100

112 4.9 4.5 6.7



#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

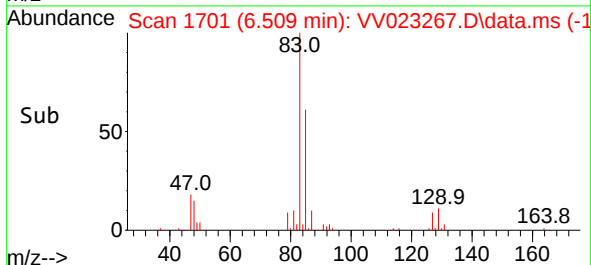
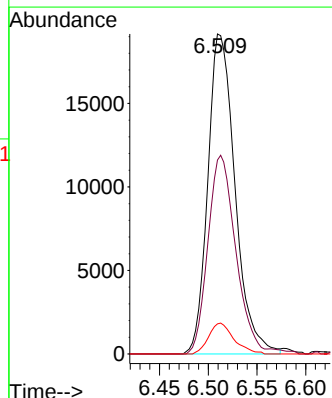
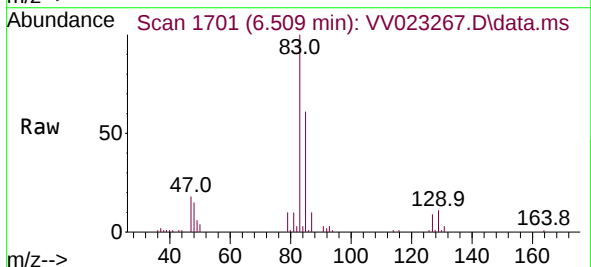
Tgt Ion: 83 Resp: 37188

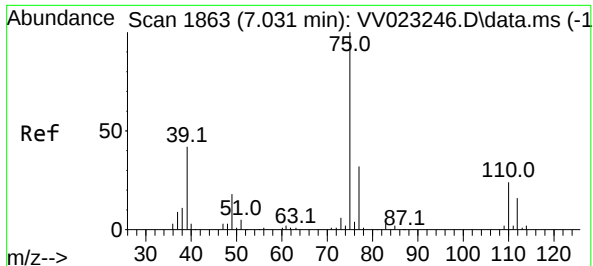
Ion Ratio Lower Upper

83 100

85 60.6 46.1 85.5

127 9.4 7.5 11.3





#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

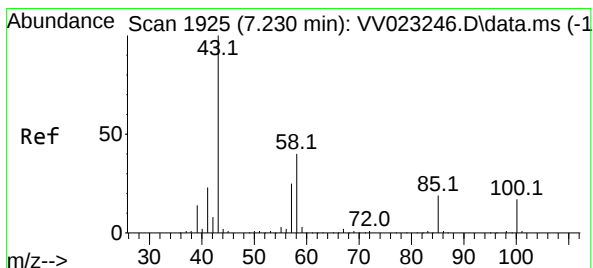
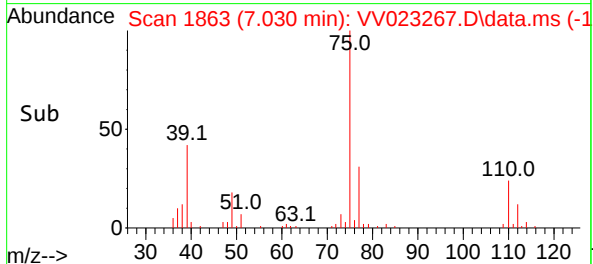
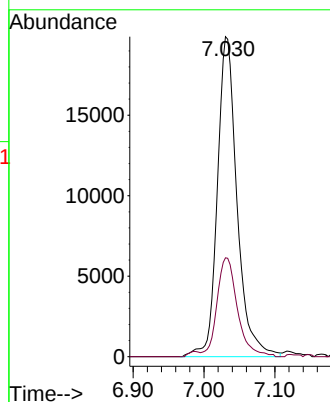
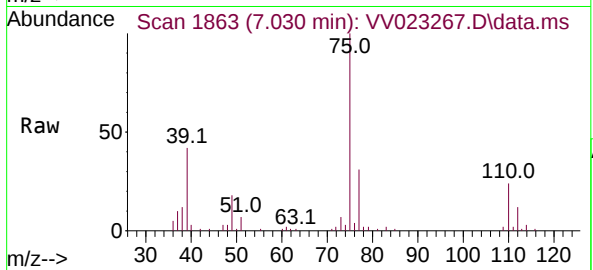
ClientSampleId :

Tgt Ion: 75 Resp: 38395

Ion Ratio Lower Upper

75 100

77 30.9 22.3 41.3



#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

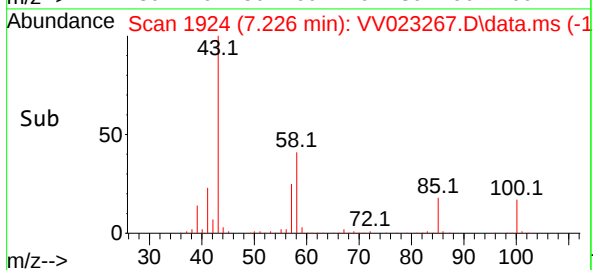
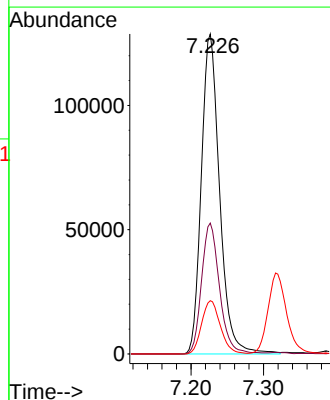
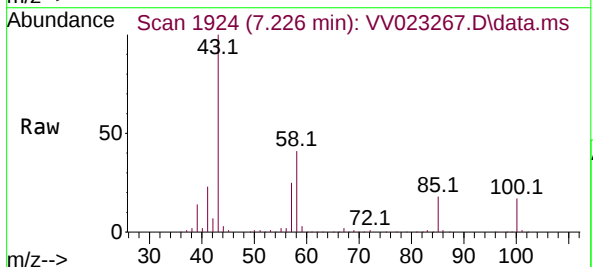
Tgt Ion: 43 Resp: 225701

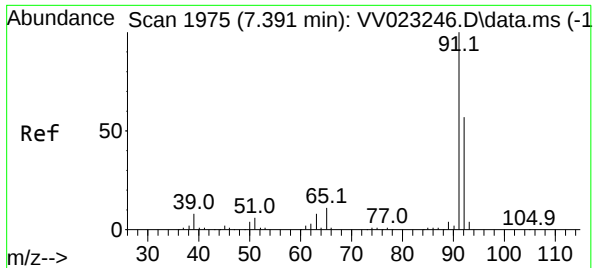
Ion Ratio Lower Upper

43 100

58 40.2 33.3 49.9

100 17.1 13.0 19.6

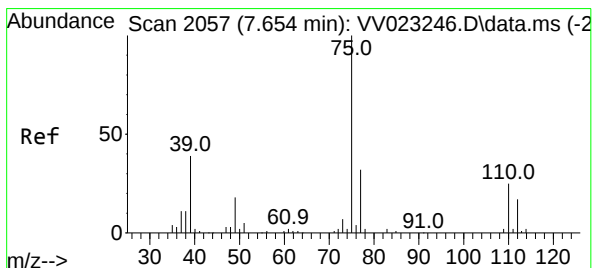
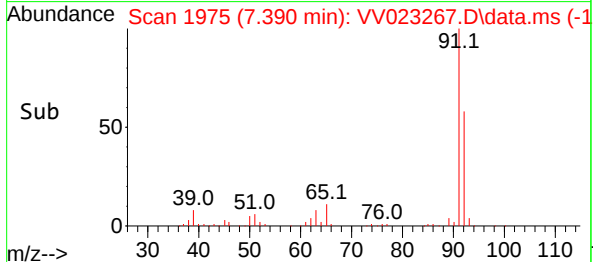
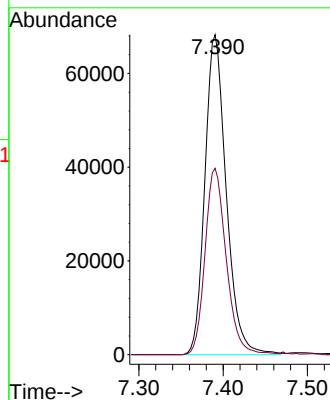
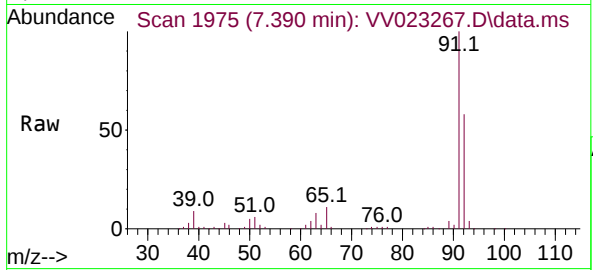




#42
Toluene
Concen: 4.830 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

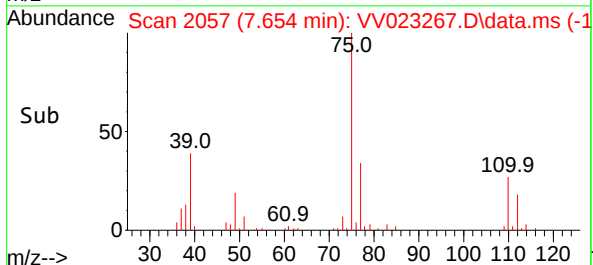
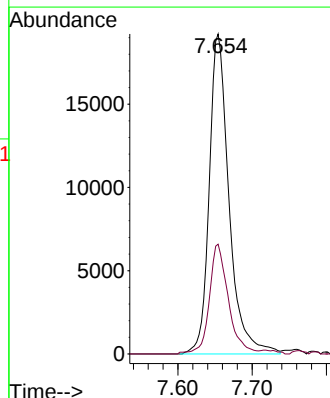
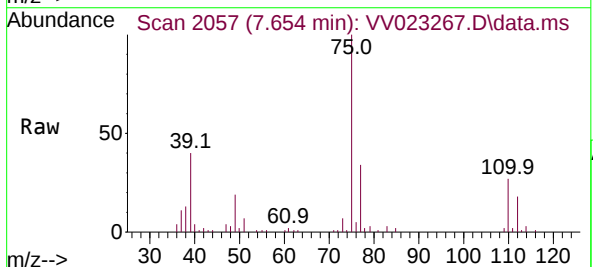
Instrument :
MSVOA_V
ClientSampleId :

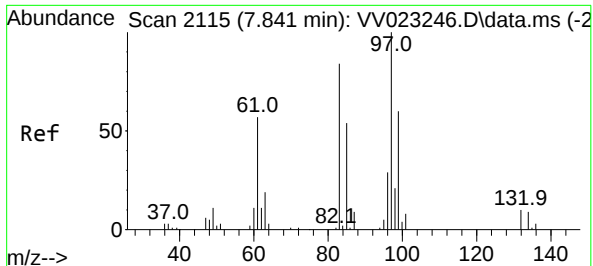
Tgt Ion: 91 Resp: 120371
Ion Ratio Lower Upper
91 100
92 58.3 40.4 75.0



#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 21.3 39.6

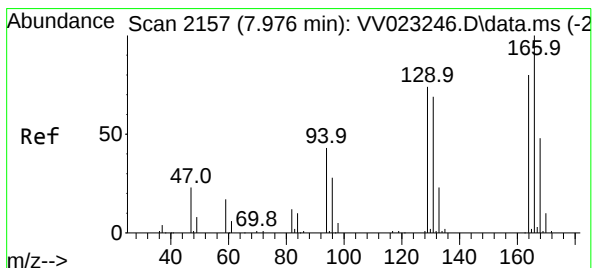
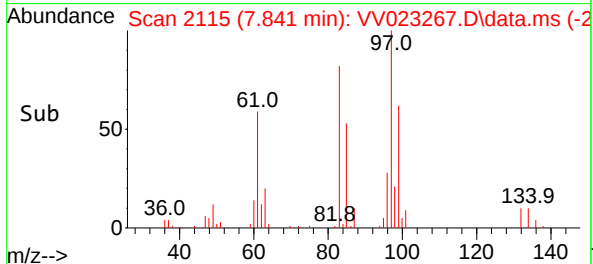
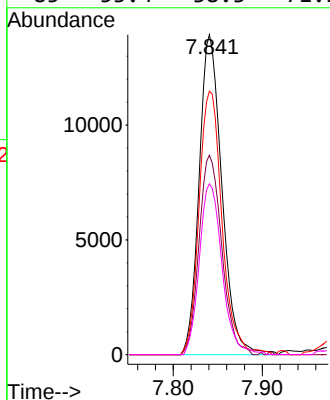
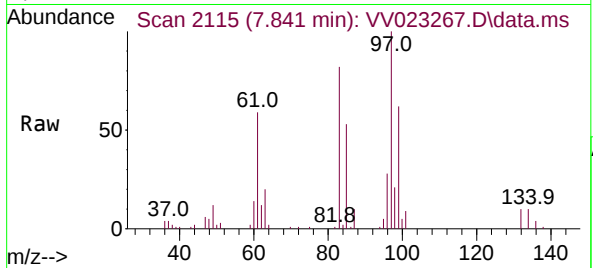




#45
1,1,2-Trichloroethane
Concen: 6.323 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

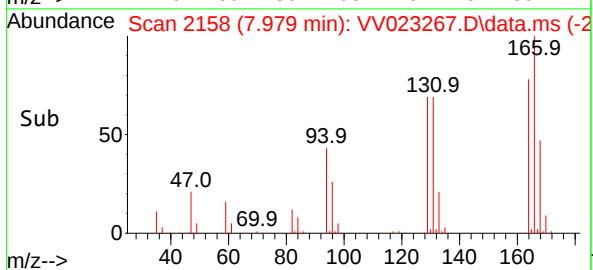
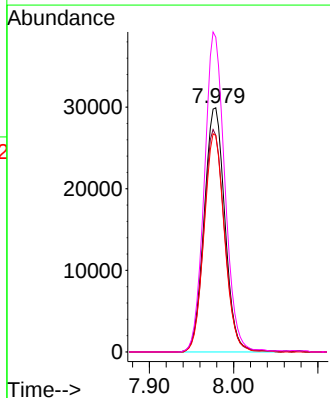
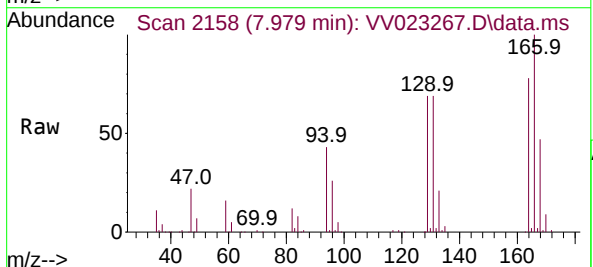
Instrument :
MSVOA_V
ClientSampleId :

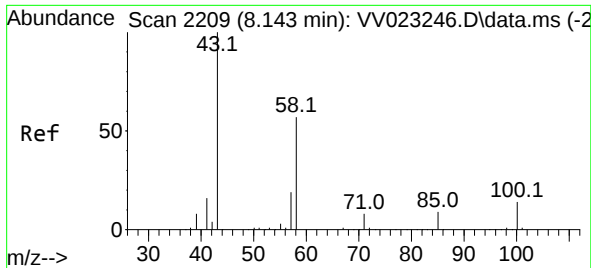
Tgt Ion: 97	Resp: 24712
Ion Ratio	Lower Upper
97 100	
99 62.4	47.0 87.4
83 82.4	62.6 116.3
85 53.4	38.3 71.1



#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	65.5	121.7
131	88.6	63.9	118.7
166	128.9	91.1	169.1

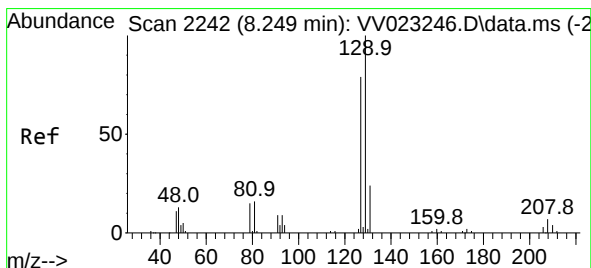
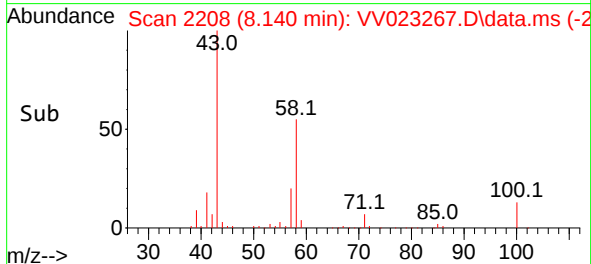
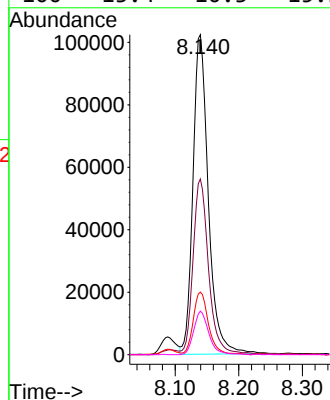
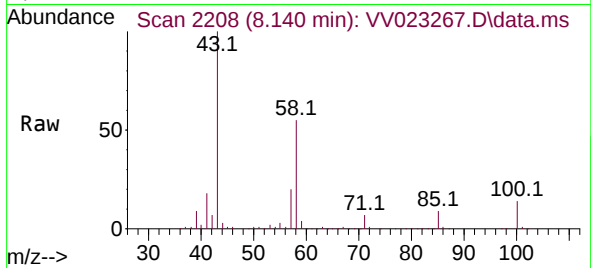




#48
2-Hexanone
Concen: 95.137 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

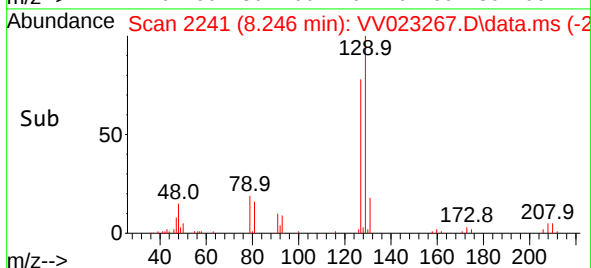
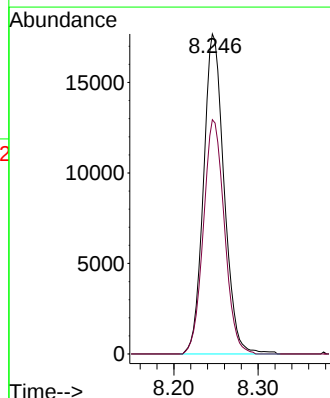
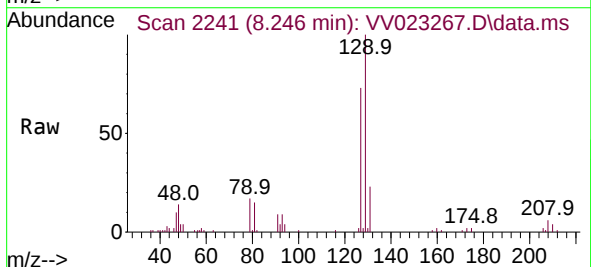
Instrument :
MSVOA_V
ClientSampleId :

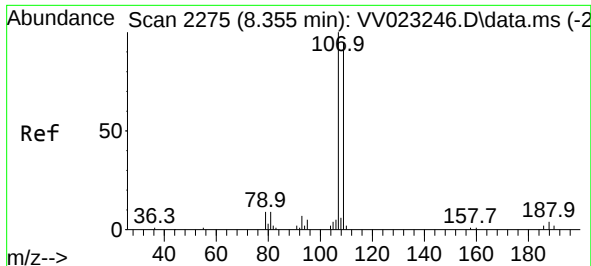
Tgt Ion: 43 Resp: 172125
Ion Ratio Lower Upper
43 100
58 54.6 43.0 64.6
57 19.6 14.9 22.3
100 13.4 10.3 15.5



#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 54.4 101.0





#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

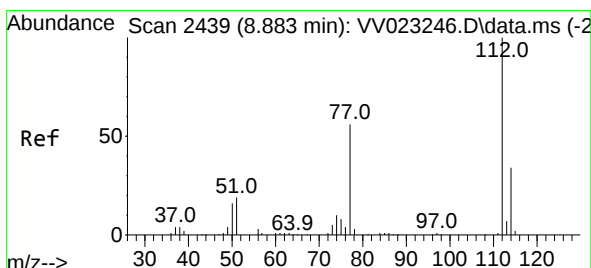
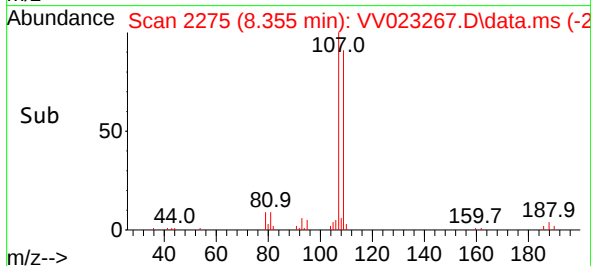
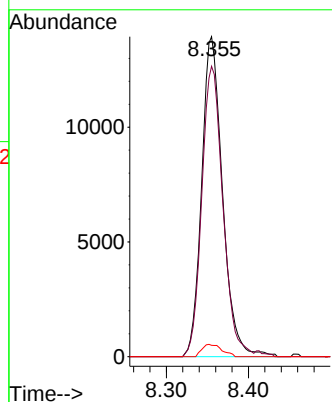
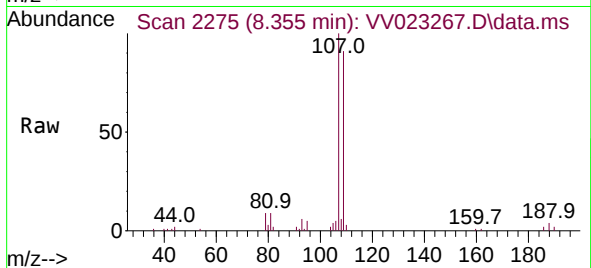
Acq: 06 Nov 2021 05:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	24644
Ion	Ratio	Lower	Upper
107	100		
109	90.7	67.0	124.4
188	3.5	2.9	4.3



#51

Chlorobenzene

Concen: 4.787 ug/L

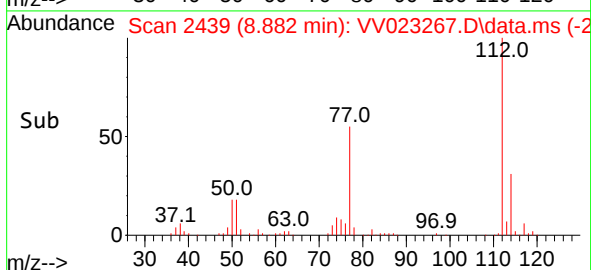
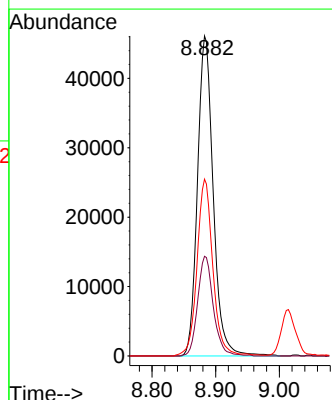
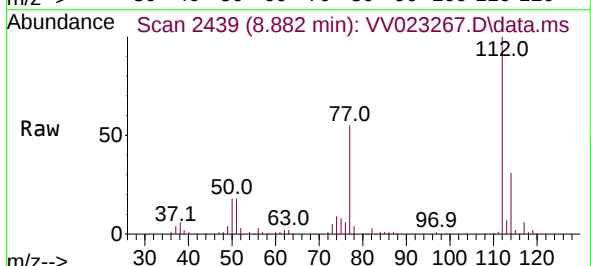
RT: 8.882 min Scan# 2439

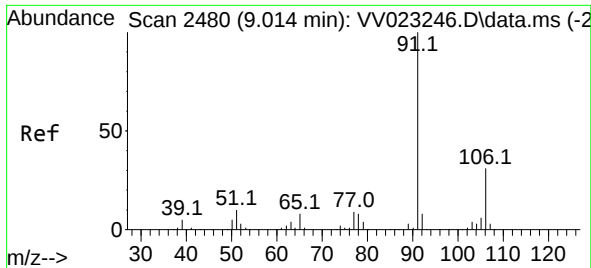
Delta R.T. -0.000 min

Lab File: VV023267.D

Acq: 06 Nov 2021 05:14

Tgt Ion:	112	Resp:	79287
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.4	41.6
77	55.2	43.8	65.8

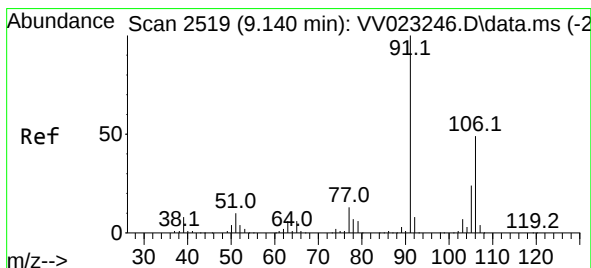
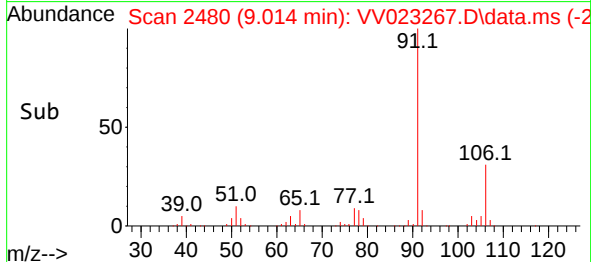
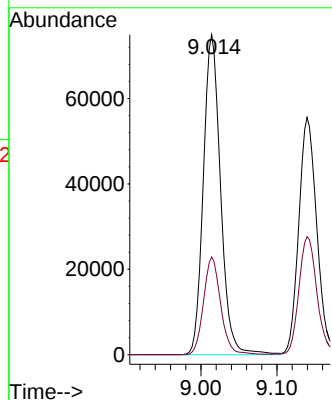
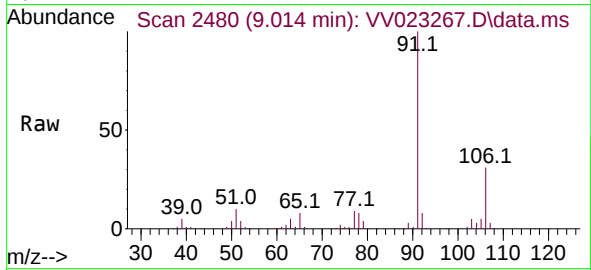




#52
Ethylbenzene
Concen: 4.498 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

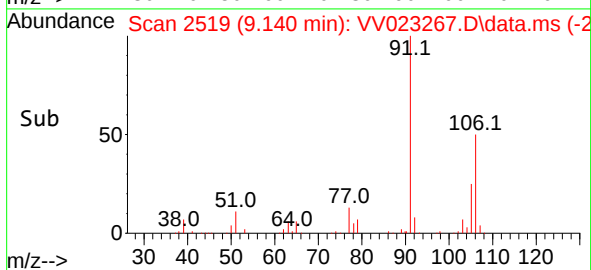
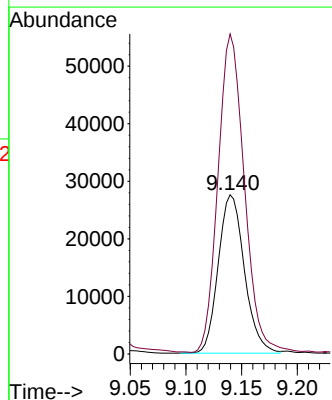
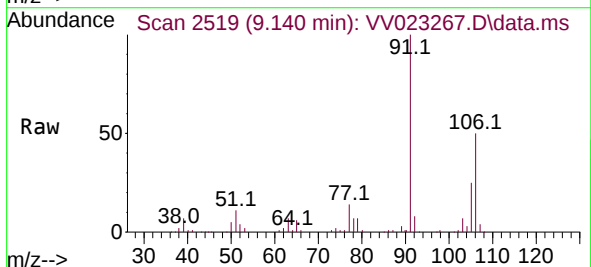
Instrument :
MSVOA_V
ClientSampleId :

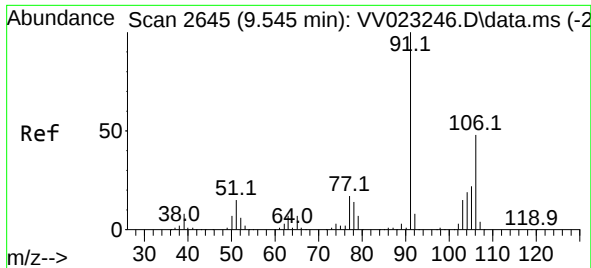
Tgt Ion: 91 Resp: 118228
Ion Ratio Lower Upper
91 100
106 30.6 22.3 41.5



#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
91 201.0 140.1 260.1

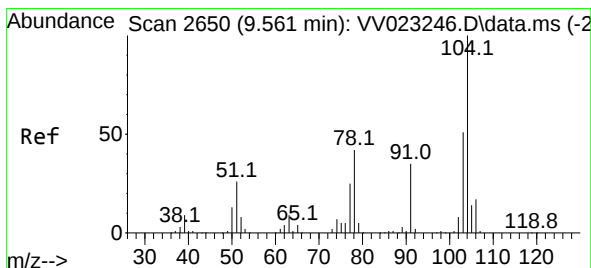
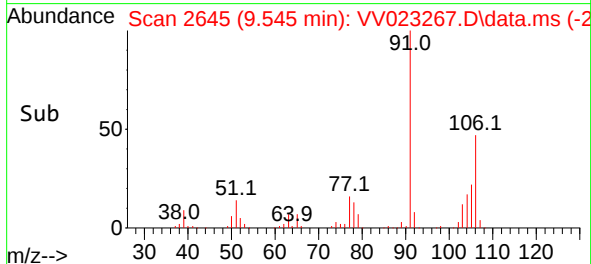
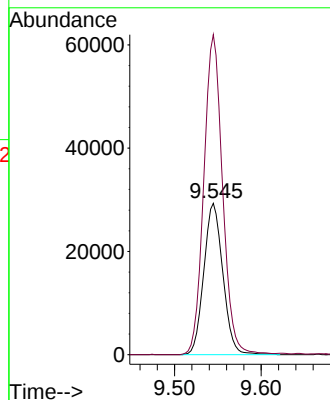
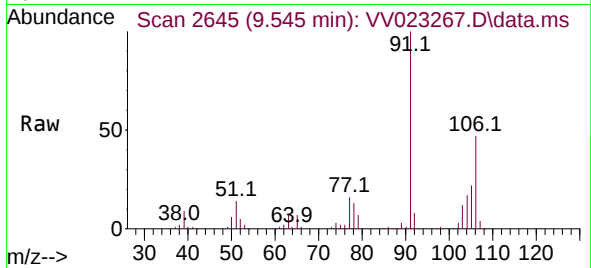




#54
o-xylene
Concen: 4.630 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

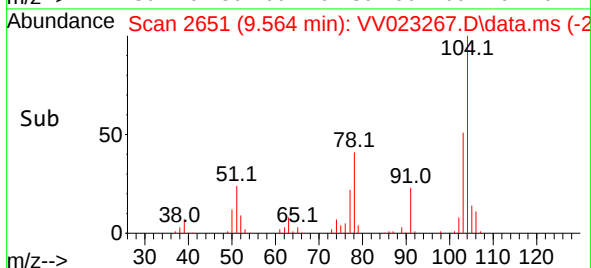
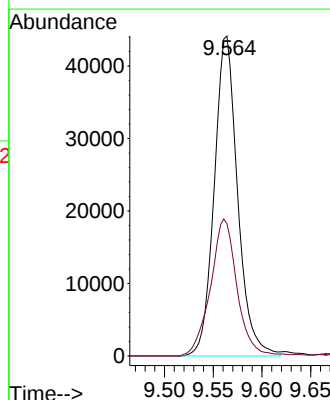
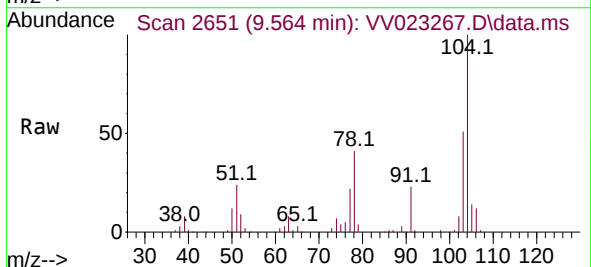
Instrument :
MSVOA_V
ClientSampleId :

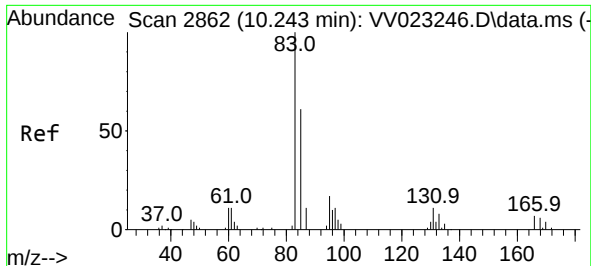
Tgt Ion:106 Resp: 44800
Ion Ratio Lower Upper
106 100
91 211.3 148.1 275.1



#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 30.4 56.5





#57

1,1,2,2-Tetrachloroethane

Concen: 7.514 ug/L

RT: 10.242 min Scan# 2862

Delta R.T. -0.000 min

Lab File: VV023267.D

Acq: 06 Nov 2021 05:14

Instrument :

MSVOA_V

ClientSampleId :

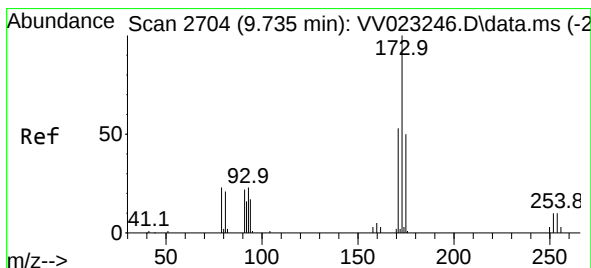
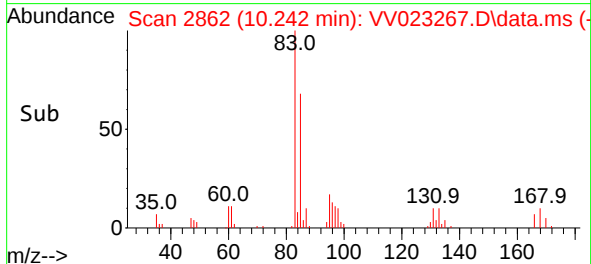
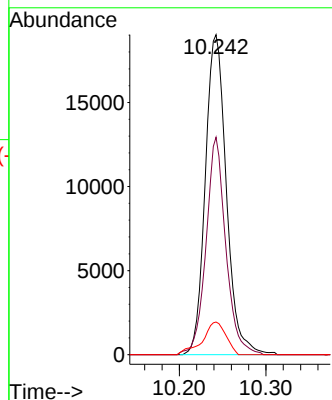
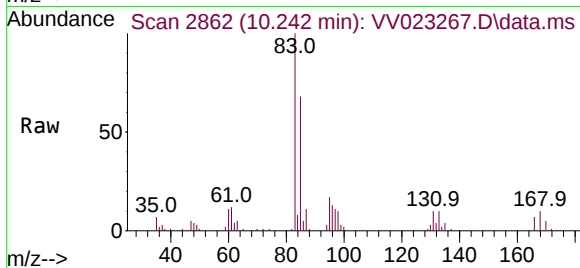
Tgt Ion: 83 Resp: 32173

Ion Ratio Lower Upper

83 100

85 67.9 46.2 85.8

131 10.2 8.7 13.1



#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

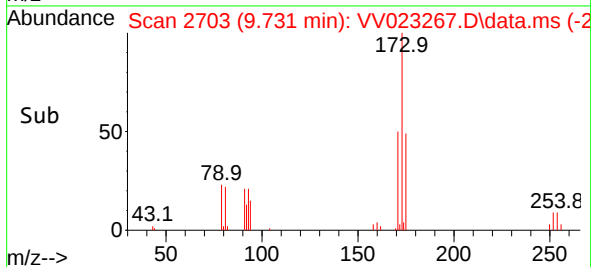
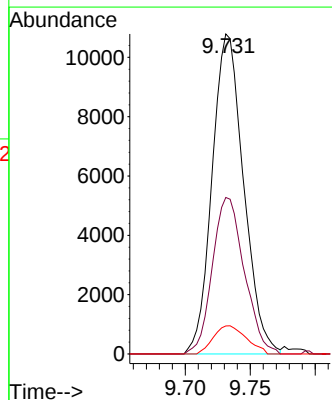
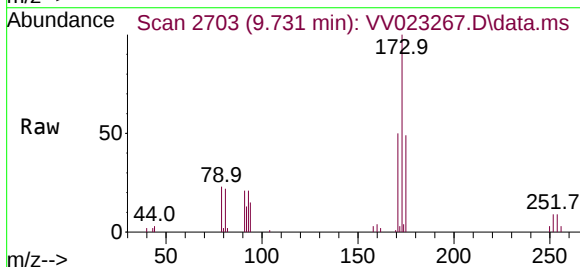
Tgt Ion: 173 Resp: 18178

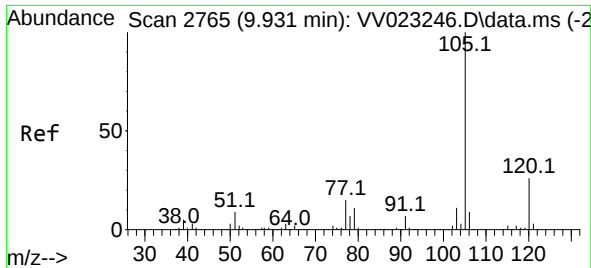
Ion Ratio Lower Upper

173 100

175 49.5 39.7 59.5

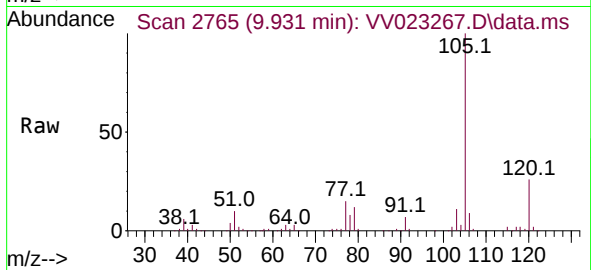
254 9.2 6.6 10.0



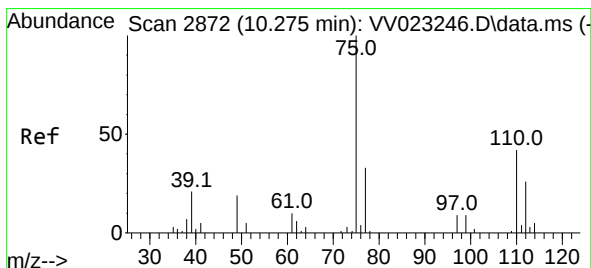
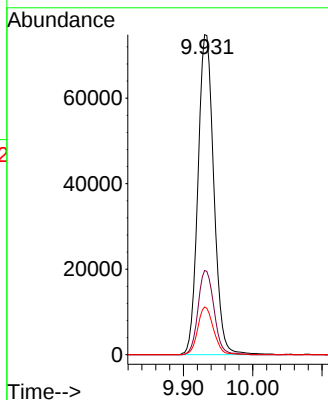
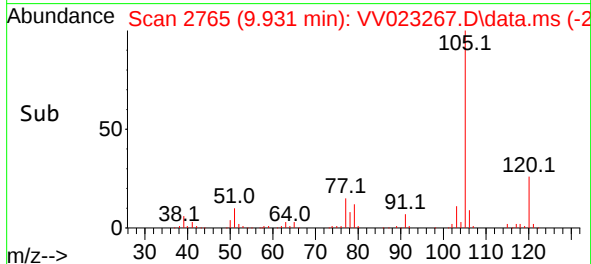


#60
Isopropylbenzene
Concen: 4.590 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

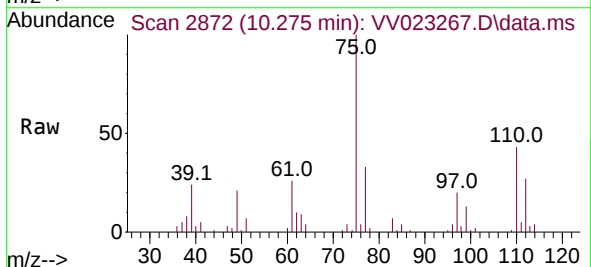
Instrument :
MSVOA_V
ClientSampleId :



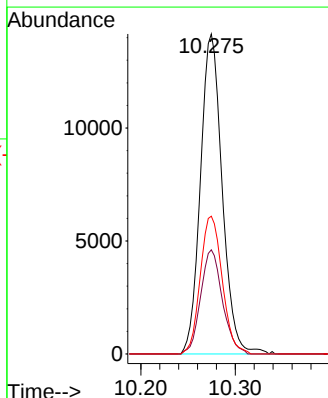
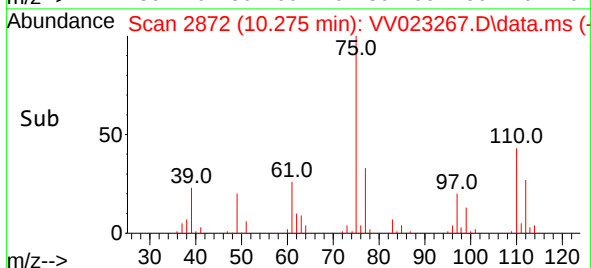
Tgt Ion:105 Resp: 118901
Ion Ratio Lower Upper
105 100
120 26.6 20.9 31.3
77 14.8 12.0 18.0

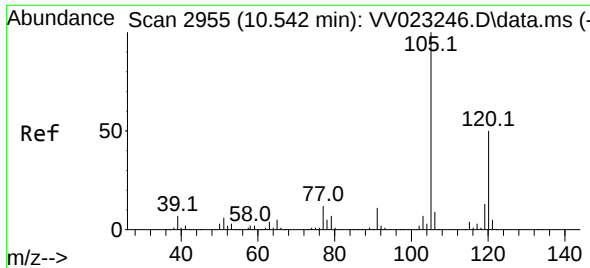


#61
1,2,3-Trichloropropane
Concen: 7.548 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14



Tgt Ion: 75 Resp: 22638
Ion Ratio Lower Upper
75 100
77 32.5 26.6 39.8
110 43.4 33.0 49.4

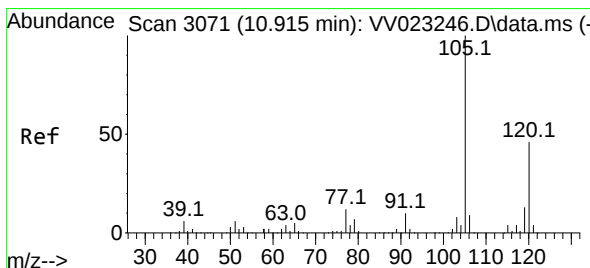
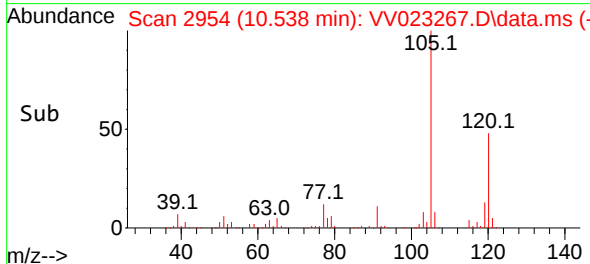
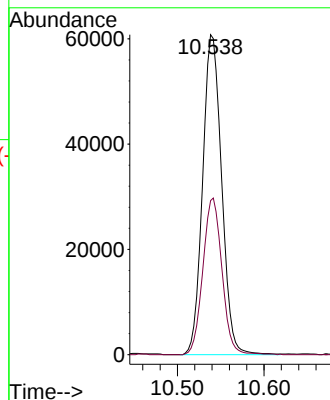
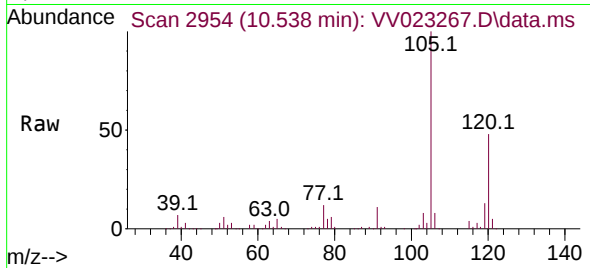




#62
 1,3,5-Trimethylbenzene
 Concen: 4.326 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: VV023267.D
 Acq: 06 Nov 2021 05:14

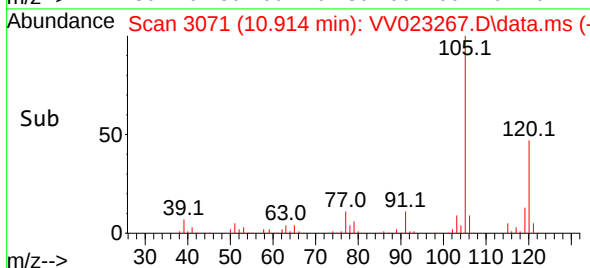
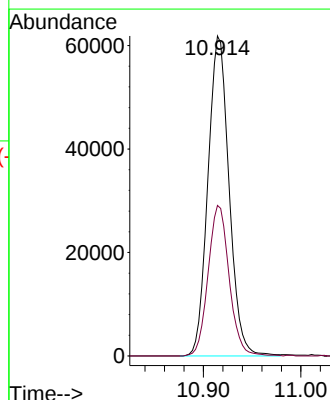
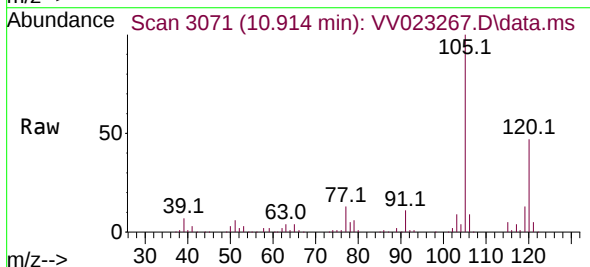
Instrument :
 MSVOA_V
 ClientSampleId :

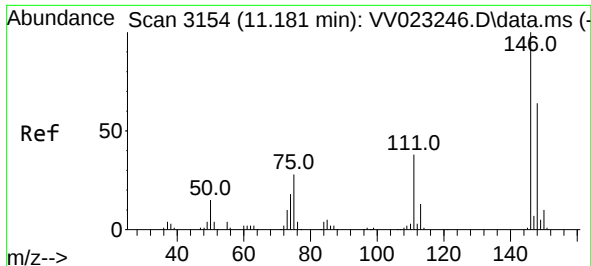
Tgt Ion:105 Resp: 92938
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.7 59.5



#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 36.5 54.7

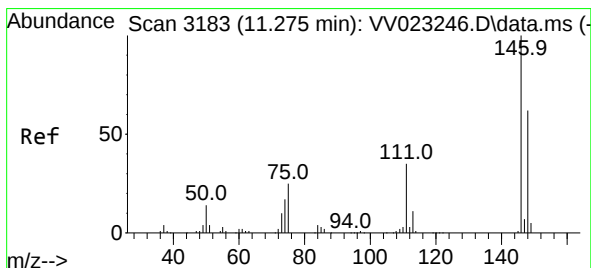
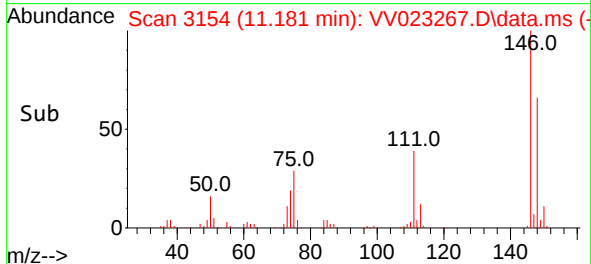
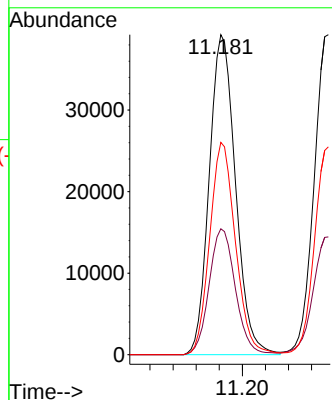
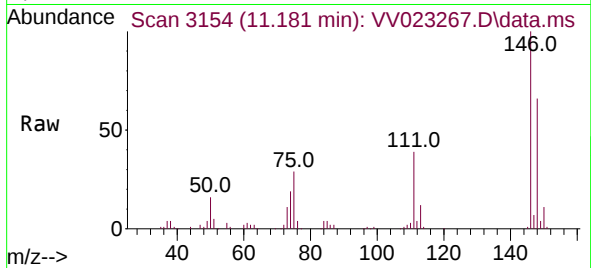




#64
1,3-Dichlorobenzene
Concen: 4.680 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023267.D
Acq: 06 Nov 2021 05:14

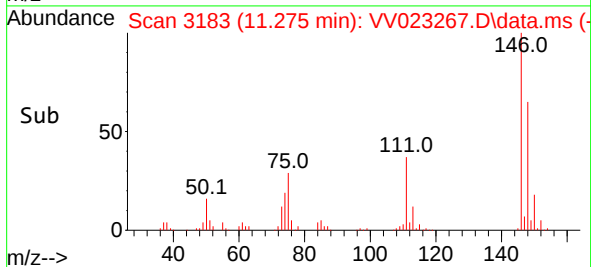
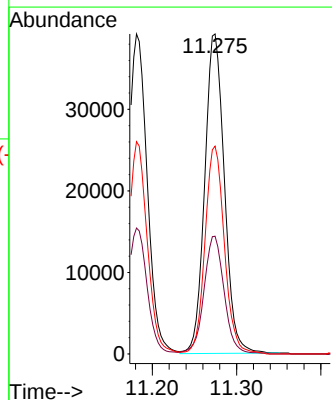
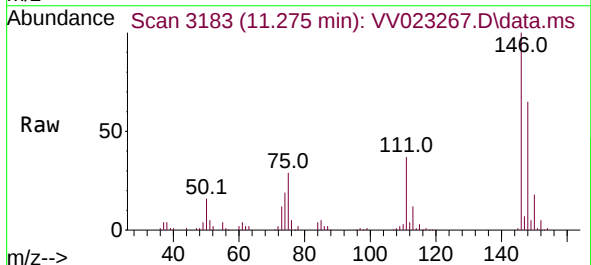
Instrument :
MSVOA_V
ClientSampleId :

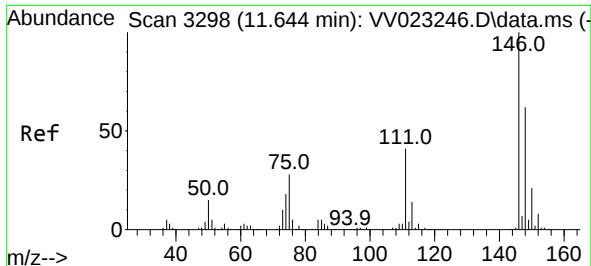
Tgt Ion:146 Resp: 61954
Ion Ratio Lower Upper
146 100
111 39.3 28.1 52.3
148 66.4 44.9 83.5



#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 26.1 48.5
148 65.0 44.7 83.1

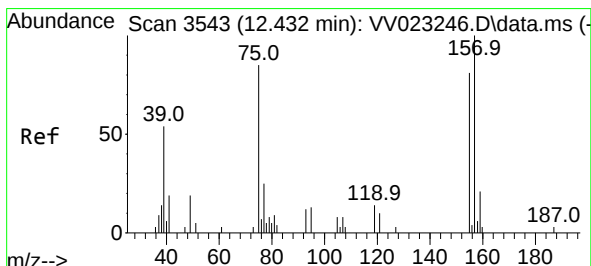
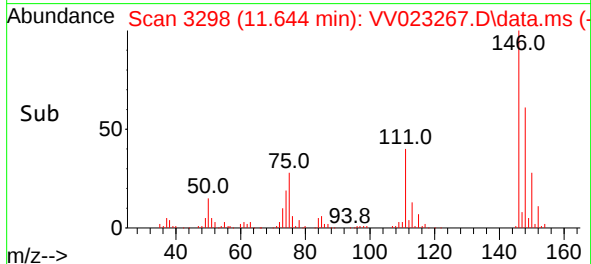
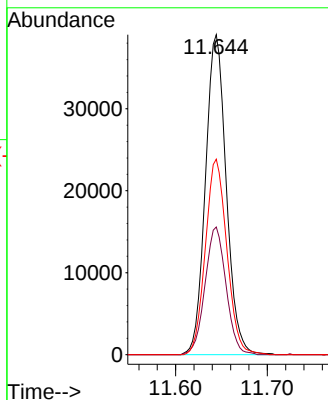
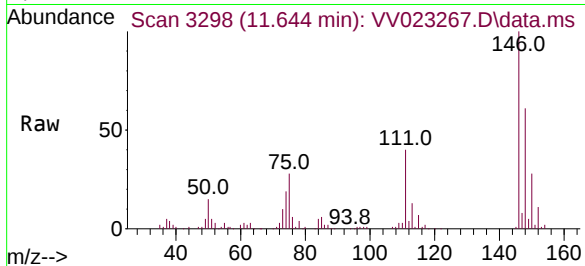




#67
 1,2-Dichlorobenzene
 Concen: 5.203 ug/L
 RT: 11.644 min Scan# 3298
 Delta R.T. -0.000 min
 Lab File: VV023267.D
 Acq: 06 Nov 2021 05:14

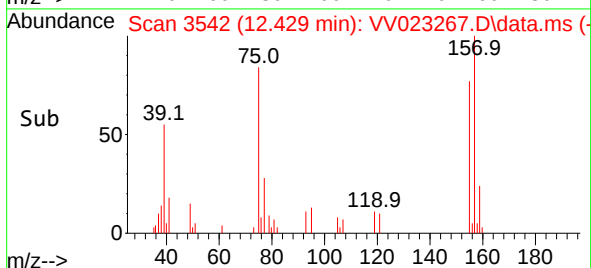
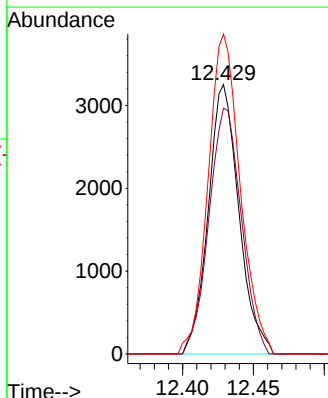
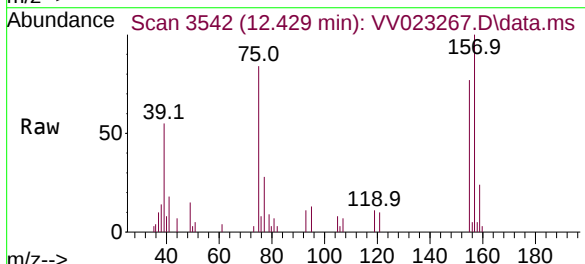
Instrument :
 MSVOA_V
 ClientSampleId :

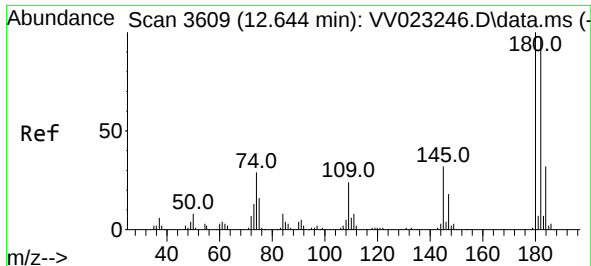
Tgt Ion:146 Resp: 61633
 Ion Ratio Lower Upper
 146 100
 111 39.9 31.3 46.9
 148 61.1 51.4 77.2



#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 69.4 104.2
 157 118.8 92.8 139.2





#69

1,3,5-Trichlorobenzene

Concen: 4.216 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

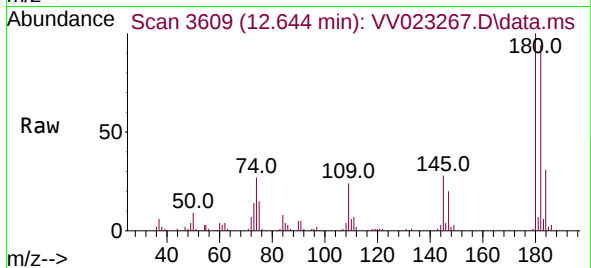
Lab File: VV023267.D

Acq: 06 Nov 2021 05:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 43694

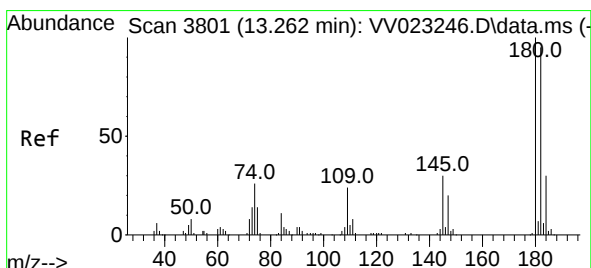
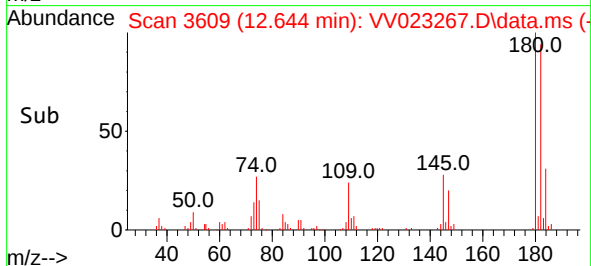
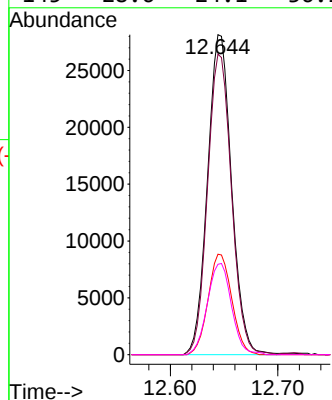
Ion Ratio Lower Upper

180 100

182 93.4 77.1 115.7

184 30.9 24.9 37.3

145 28.6 24.1 36.1



#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

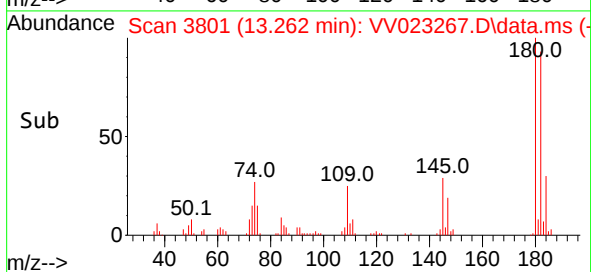
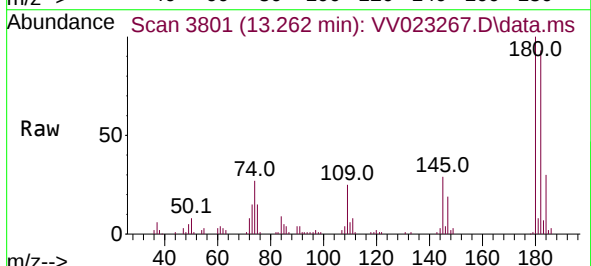
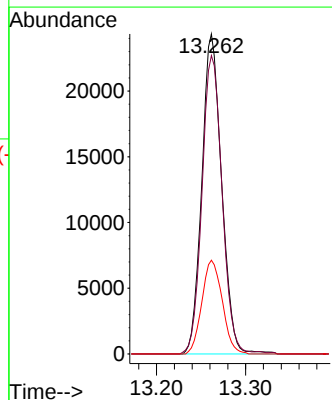
Tgt Ion:180 Resp: 37572

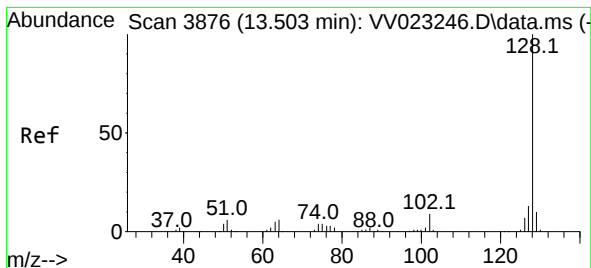
Ion Ratio Lower Upper

180 100

182 94.4 77.4 116.2

145 30.2 24.1 36.1





#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 :

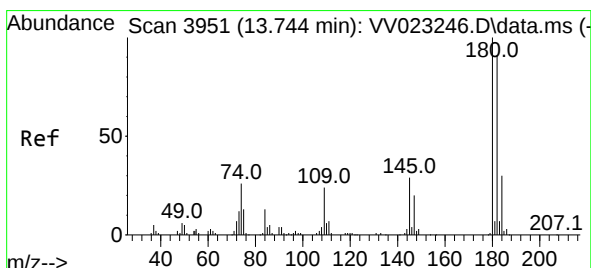
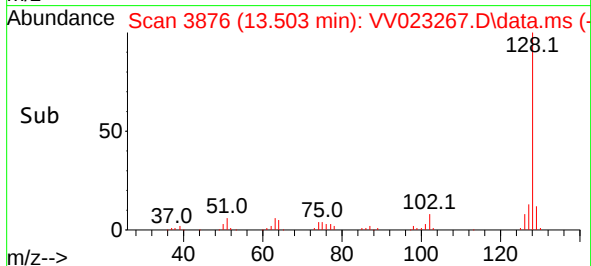
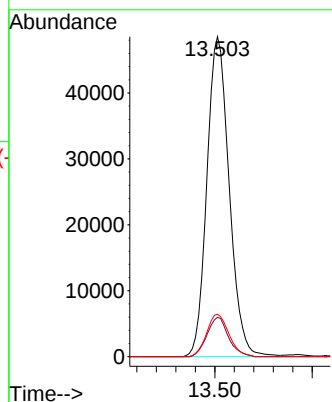
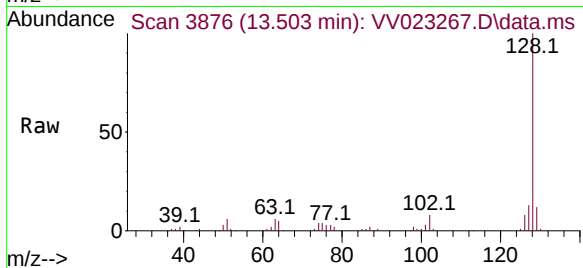
Tgt Ion:128 Resp: 77068

Ion Ratio Lower Upper

128 100

129 11.9 8.6 12.8

127 13.3 10.2 15.2



#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 77.1 115.7

145 32.1 25.4 38.0

