

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110221\
 Data File : VW023150.D
 Acq On : 02 Nov 2021 15:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 22:43:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 22:38:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127425	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128201	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72000	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42675	3.833	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.568	69	35473	5.150	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.111	63	77069	4.798	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	3.902	46	89127	49.899	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.800%
24) Chloroform-d	4.352	84	91486	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.037	65	42369	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.053	84	173610	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.072	67	50357	4.370	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.317	98	168621	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.625	79	20621	5.108	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.091	63	75523	50.530	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36878	4.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	62596	4.873	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	34931	4.321	ug/L	99
3) Chloromethane	1.240	50	34893	3.994	ug/L	94
5) Vinyl chloride	1.310	62	37894	4.199	ug/L	99
6) Bromomethane	1.523	94	25170	5.520	ug/L	98
8) Chloroethane	1.584	64	24736	5.242	ug/L	96
9) Trichlorofluoromethane	1.754	101	63757	5.235	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	35607	5.127	ug/L	97
12) 1,1-Dichloroethene	2.117	96	32229	4.940	ug/L	89
13) Acetone	2.191	43	52804	60.256	ug/L	88
14) Carbon disulfide	2.294	76	93901	5.285	ug/L	100
15) Methyl Acetate	2.445	43	14226	4.267	ug/L	92
16) Methylene chloride	2.510	84	46916	6.548	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	78735	5.055	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	39382	5.654	ug/L	96
19) 1,1-Dichloroethane	3.191	63	73148	5.716	ug/L	97
21) 2-Butanone	3.986	43	78128	45.540	ug/L #	70
22) cis-1,2-Dichloroethene	3.915	96	41562	5.263	ug/L #	93
23) Bromochloromethane	4.252	128	19041	5.312	ug/L	86
25) Chloroform	4.378	83	78160	4.622	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110221\
 Data File : VW023150.D
 Acq On : 02 Nov 2021 15:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 22:43:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 22:38:58 2021
 Response via : Initial Calibration

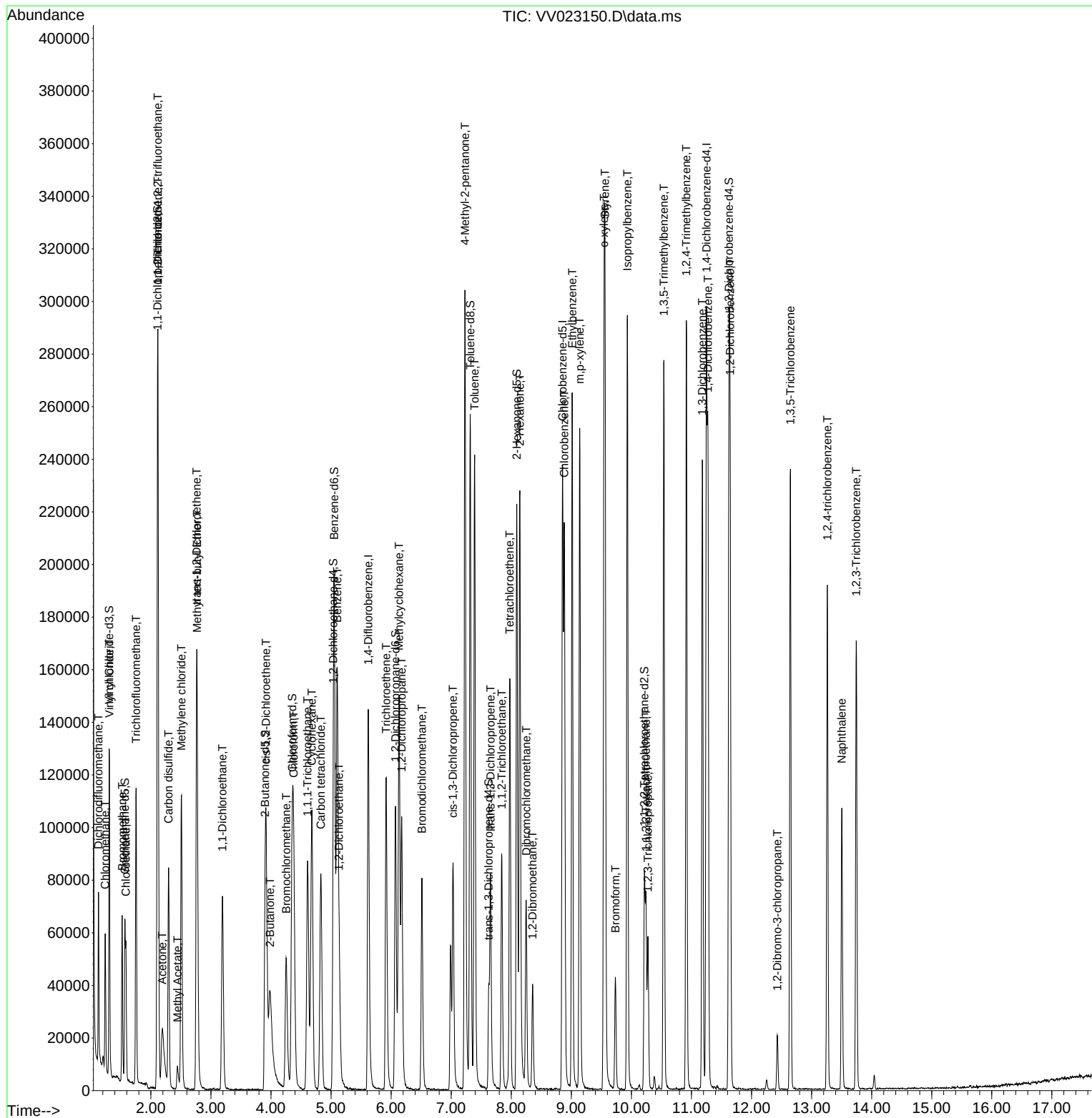
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	42530	4.769	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	70944	4.897	ug/L	99
30) Cyclohexane	4.680	56	53587	4.237	ug/L	98
31) Carbon tetrachloride	4.831	117	62789	5.037	ug/L	99
33) Benzene	5.101	78	161349	4.677	ug/L	100
34) Trichloroethene	5.918	95	40980	4.728	ug/L	99
35) Methylcyclohexane	6.133	83	58760	4.735	ug/L	96
37) 1,2-Dichloropropane	6.175	63	39583	4.552	ug/L	98
38) Bromodichloromethane	6.513	83	51598	4.810	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	53741	4.963	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	197625	48.275	ug/L	97
42) Toluene	7.391	91	178930	5.118	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	46870	5.232	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	28514	4.687	ug/L	99
47) Tetrachloroethene	7.976	164	35047	4.786	ug/L	99
48) 2-Hexanone	8.143	43	146262	48.131	ug/L	99
49) Dibromochloromethane	8.249	129	36556	5.050	ug/L	99
50) 1,2-Dibromoethane	8.355	107	26067	4.760	ug/L	95
51) Chlorobenzene	8.882	112	114190	4.972	ug/L	99
52) Ethylbenzene	9.014	91	178170	5.134	ug/L	100
53) m,p-xylene	9.140	106	71935	5.169	ug/L	98
54) o-xylene	9.545	106	67599	5.160	ug/L	99
55) Styrene	9.561	104	121310	5.362	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	32371	4.761	ug/L	98
59) Bromoform	9.735	173	19751	4.708	ug/L	99
60) Isopropylbenzene	9.934	105	185056	5.082	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22843	4.507	ug/L	96
62) 1,3,5-Trimethylbenzene	10.542	105	147347	5.038	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	153290	5.251	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	97449	5.086	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	96370	4.951	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	87400	4.900	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4822	4.822	ug/L	83
69) 1,3,5-Trichlorobenzene	12.648	180	73667	5.048	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	57927	5.305	ug/L	98
71) Naphthalene	13.503	128	84799	5.108	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	51976	5.127	ug/L	98

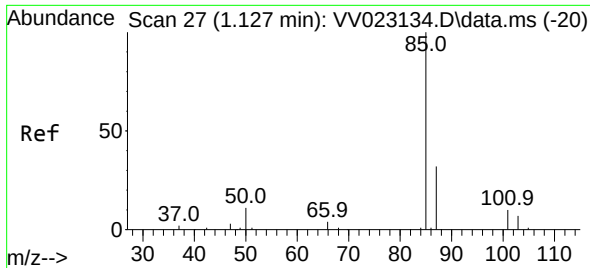
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
Data File : VV023150.D
Acq On : 02 Nov 2021 15:54
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 02 22:43:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 02 22:38:58 2021
Response via : Initial Calibration

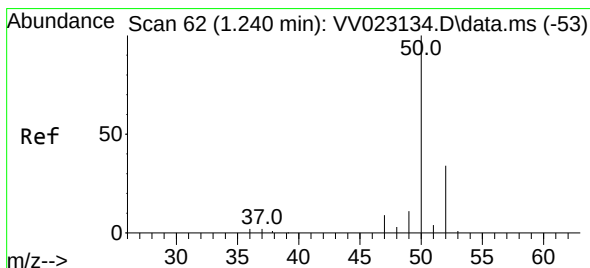
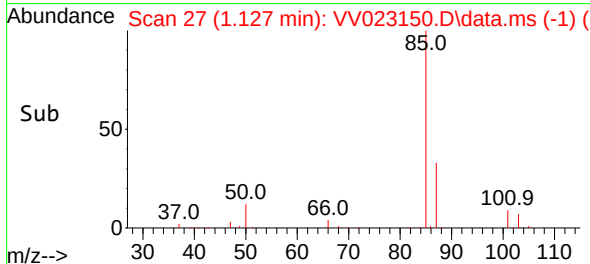
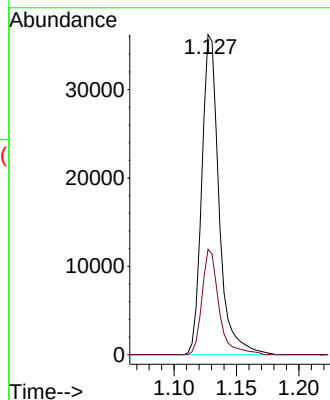
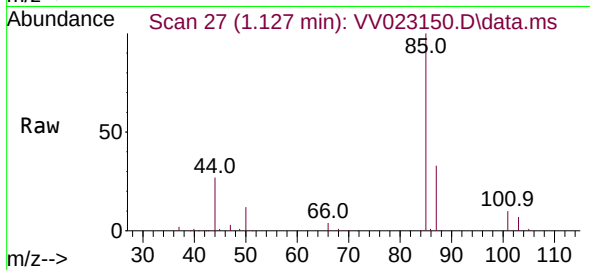




#2
 Dichlorodifluoromethane
 Concen: 4.321 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023150.D
 Acq: 02 Nov 2021 15:54

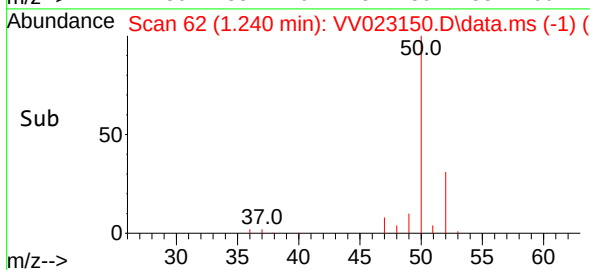
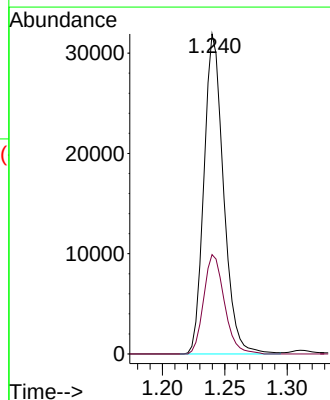
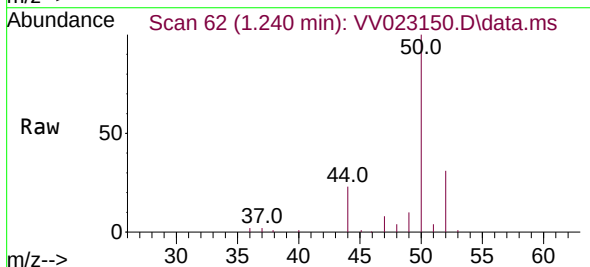
Instrument :
 MSVOA_V
 ClientSampleId :

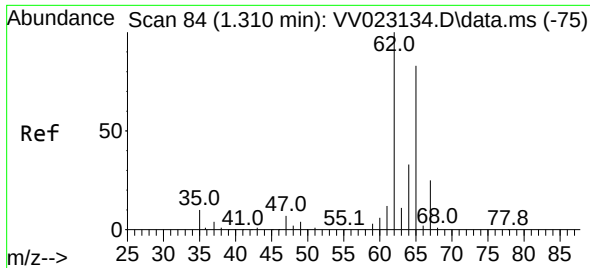
Tgt Ion: 85 Resp: 34931
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.6 39.8



#3
 Chloromethane
 Concen: 3.994 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023150.D
 Acq: 02 Nov 2021 15:54

Tgt Ion: 50 Resp: 34893
 Ion Ratio Lower Upper
 50 100
 52 31.0 24.3 45.1

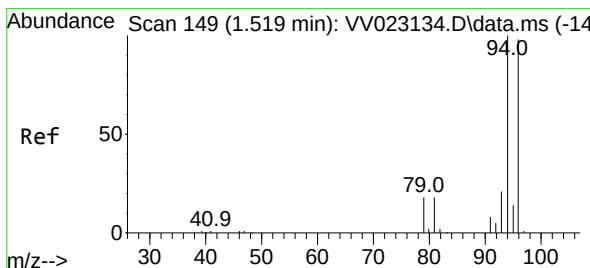
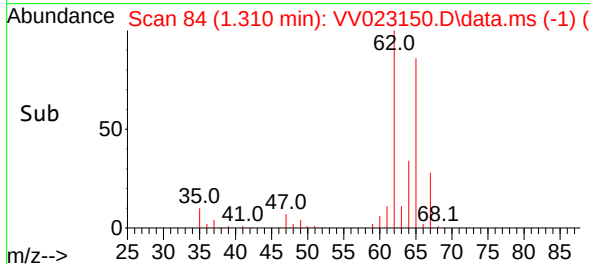
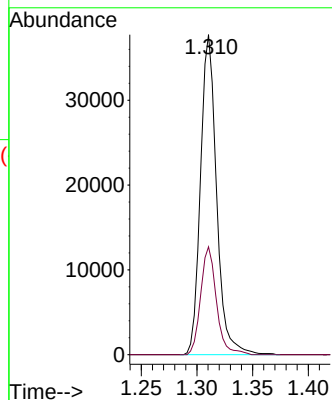
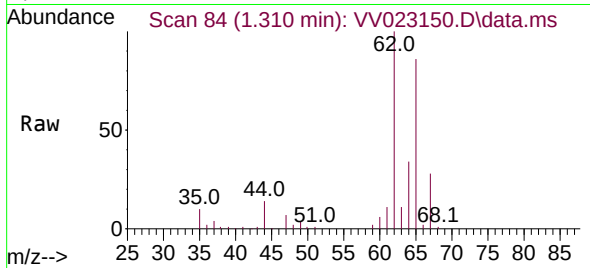




#5
 Vinyl chloride
 Concen: 4.199 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023150.D
 Acq: 02 Nov 2021 15:54

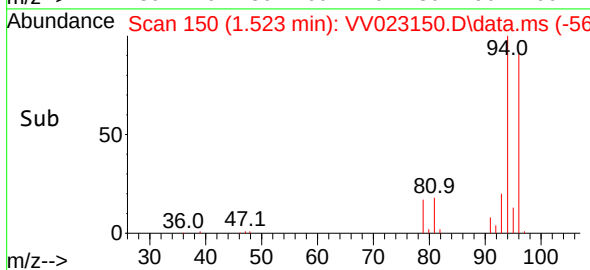
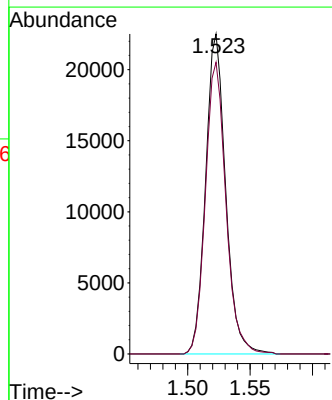
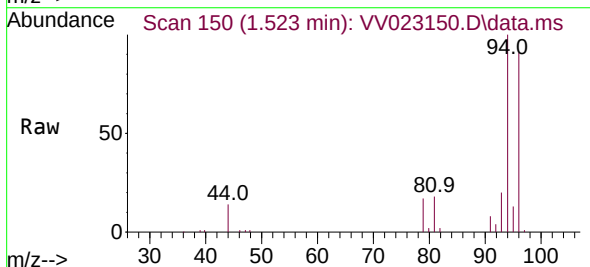
Instrument :
 MSVOA_V
 ClientSampleId :

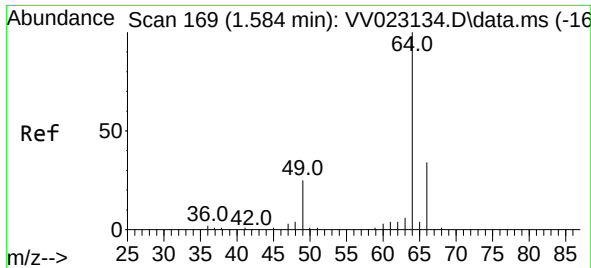
Tgt Ion: 62 Resp: 37894
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.1 42.9



#6
 Bromomethane
 Concen: 5.520 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV023150.D
 Acq: 02 Nov 2021 15:54

Tgt Ion: 94 Resp: 25170
 Ion Ratio Lower Upper
 94 100
 96 91.2 65.0 120.8

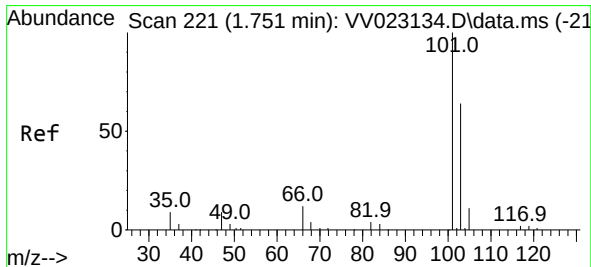
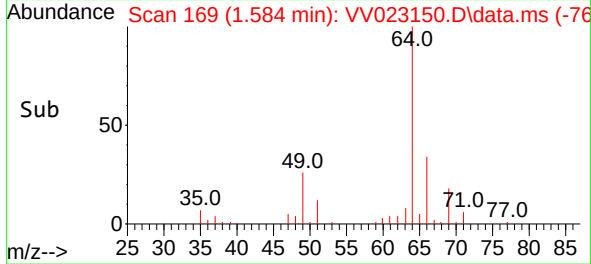
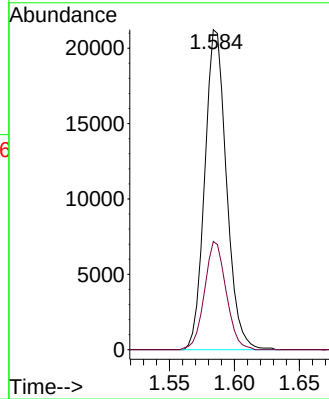
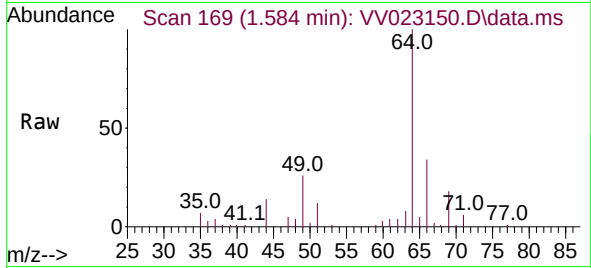




#8
Chloroethane
Concen: 5.242 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

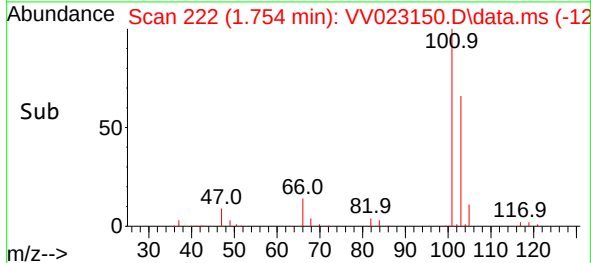
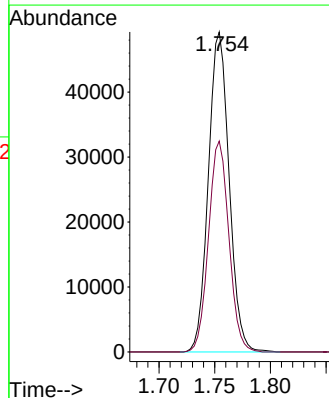
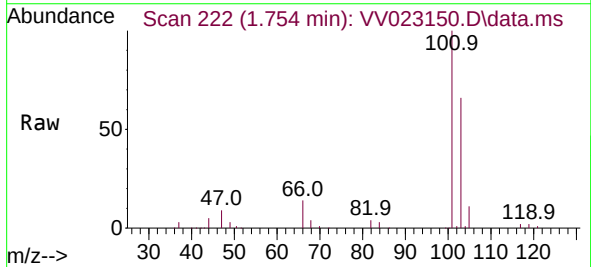
Instrument :
MSVOA_V
ClientSampleId :

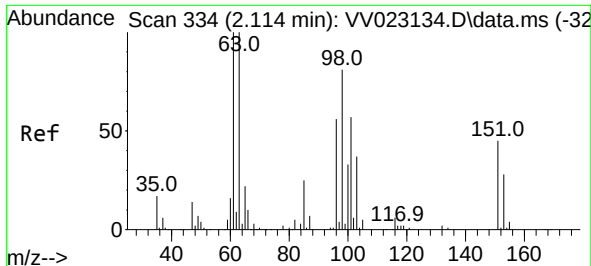
Tgt Ion: 64 Resp: 24736
Ion Ratio Lower Upper
64 100
66 33.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.235 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

Tgt Ion:101 Resp: 63757
Ion Ratio Lower Upper
101 100
103 64.6 52.6 79.0

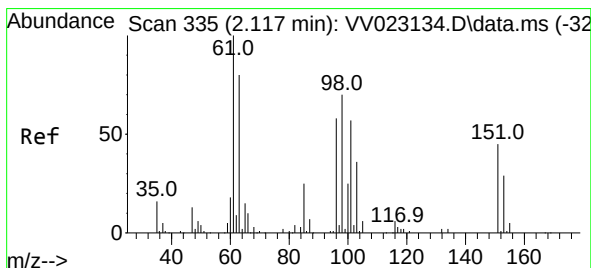
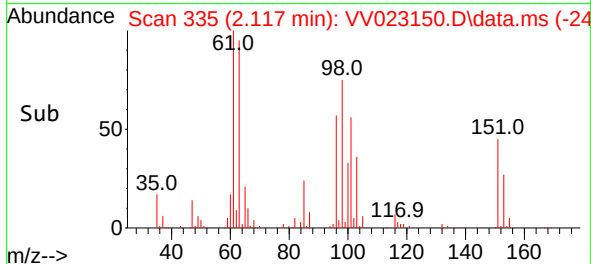
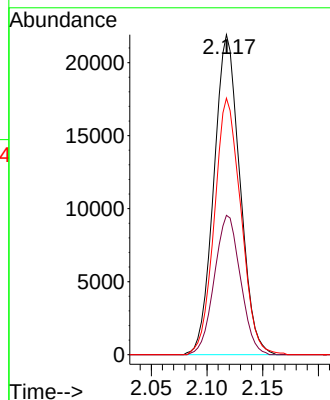
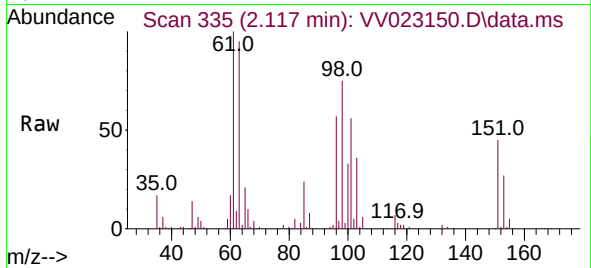




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.127 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

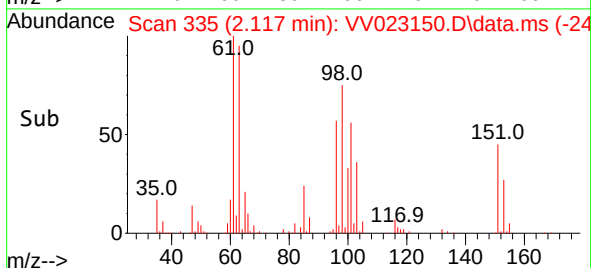
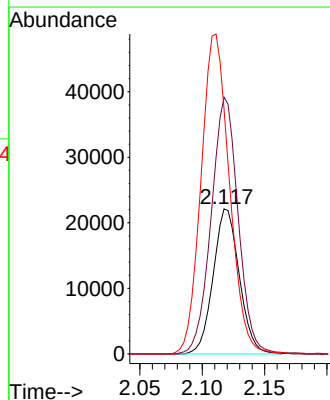
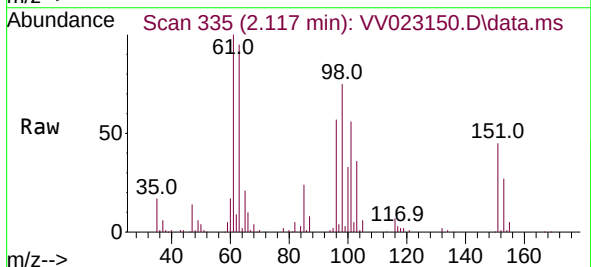
Instrument :
MSVOA_V
ClientSampleId :

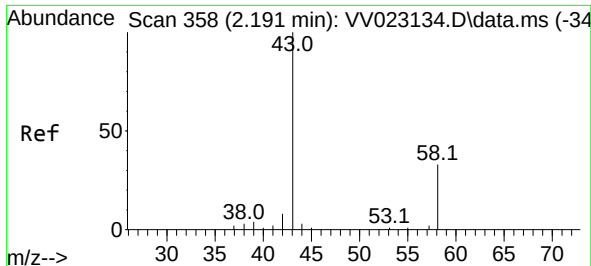
Tgt Ion:101 Resp: 35607
Ion Ratio Lower Upper
101 100
85 43.7 35.3 52.9
151 81.8 62.2 93.2



#12
1,1-Dichloroethene
Concen: 4.940 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

Tgt Ion: 96 Resp: 32229
Ion Ratio Lower Upper
96 100
61 176.9 121.5 225.7
63 168.8 99.6 185.0





#13

Acetone

Concen: 60.256 ug/L

RT: 2.191 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023150.D

Acq: 02 Nov 2021 15:54

Instrument :

MSVOA_V

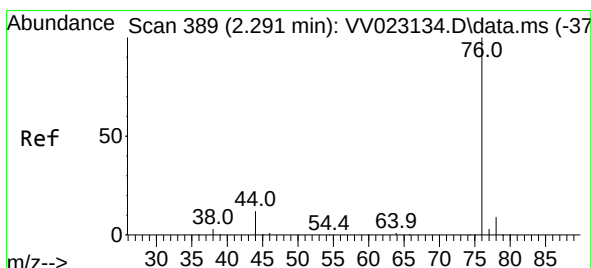
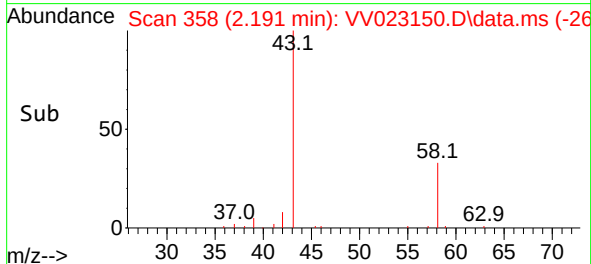
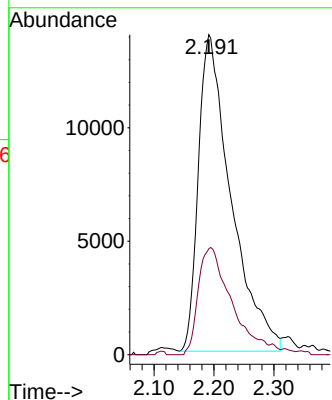
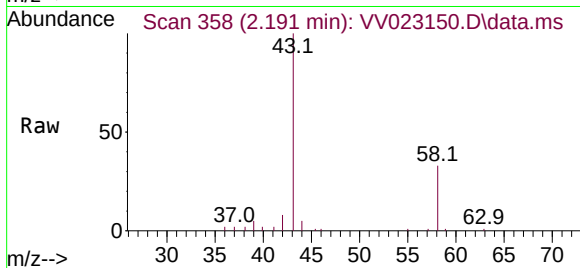
ClientSampleId :

Tgt Ion: 43 Resp: 52804

Ion Ratio Lower Upper

43 100

58 34.2 0.0 55.4



#14

Carbon disulfide

Concen: 5.285 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV023150.D

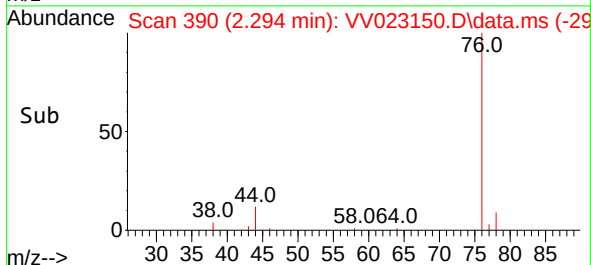
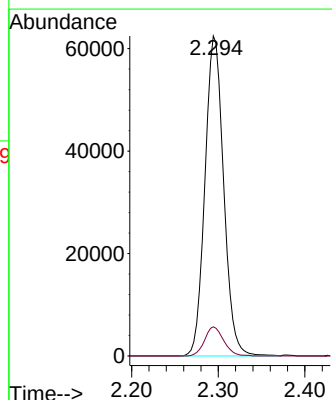
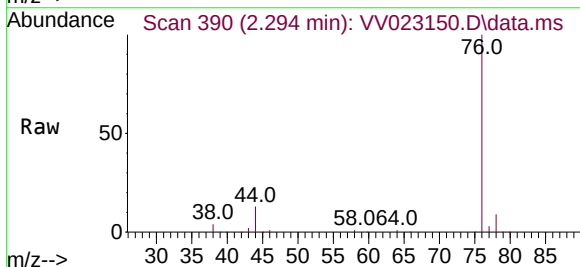
Acq: 02 Nov 2021 15:54

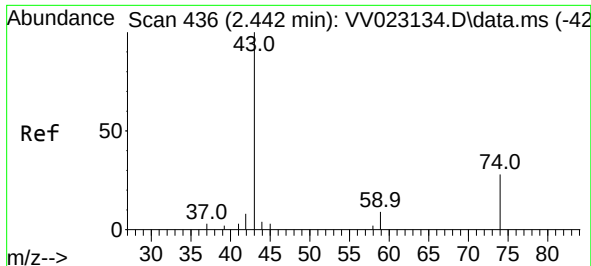
Tgt Ion: 76 Resp: 93901

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

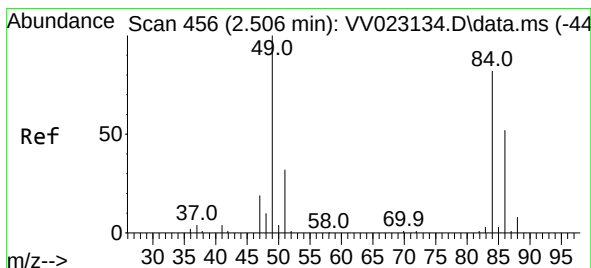
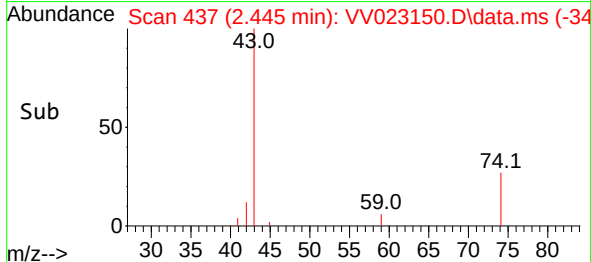
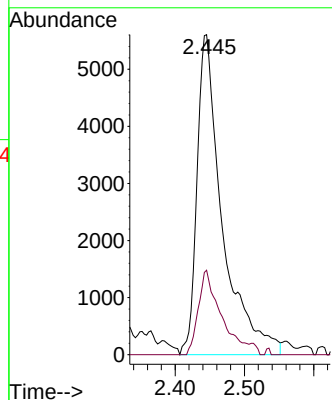
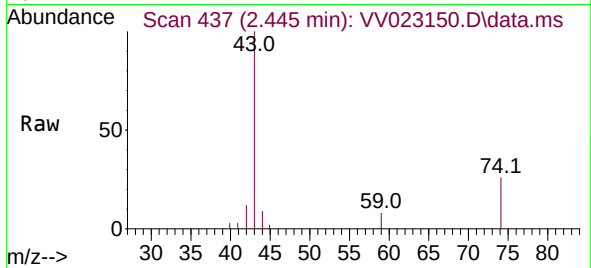




#15
Methyl Acetate
Concen: 4.267 ug/L
RT: 2.445 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

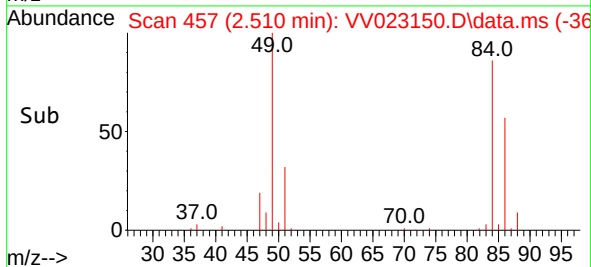
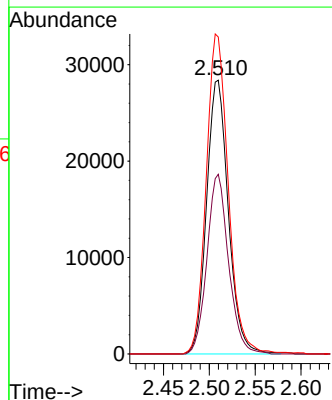
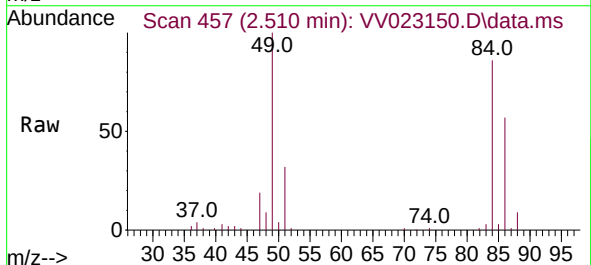
Instrument :
MSVOA_V
ClientSampleId :

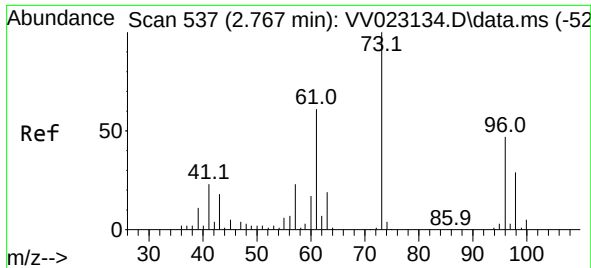
Tgt Ion: 43 Resp: 14226
Ion Ratio Lower Upper
43 100
74 23.6 22.2 33.2



#16
Methylene chloride
Concen: 6.548 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

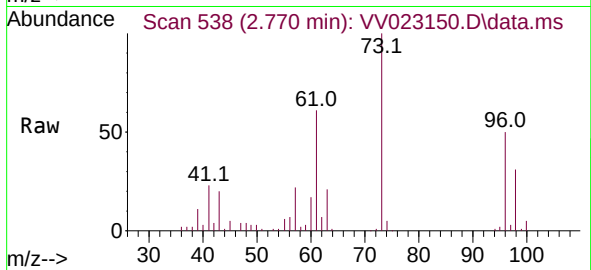
Tgt Ion: 84 Resp: 46916
Ion Ratio Lower Upper
84 100
86 65.6 42.3 78.5
49 115.8 79.7 148.1



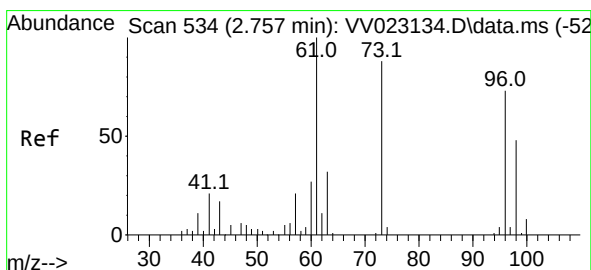
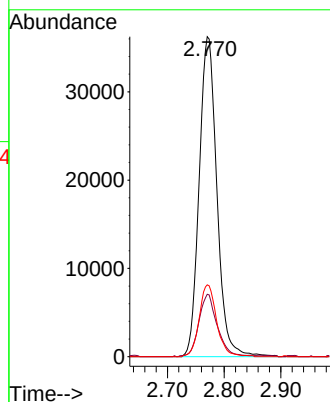
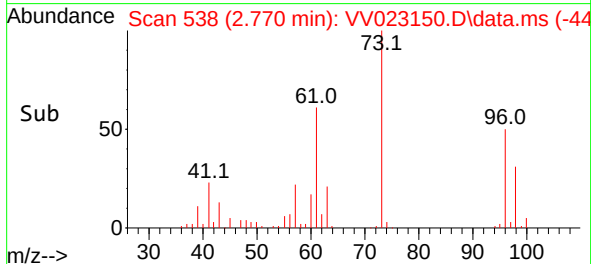


#17
Methyl tert-butyl Ether
Concen: 5.055 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

Instrument :
MSVOA_V
ClientSampleId :

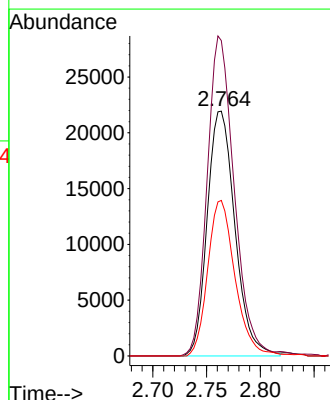
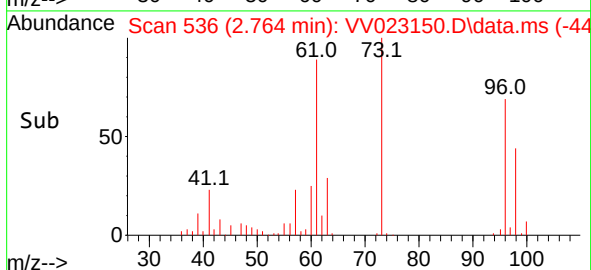
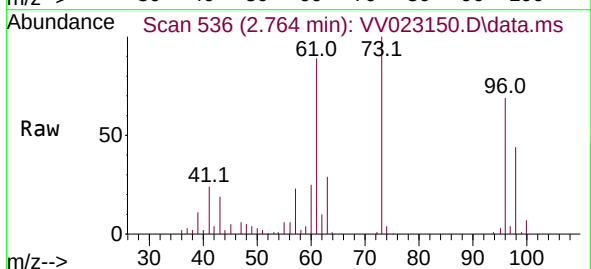


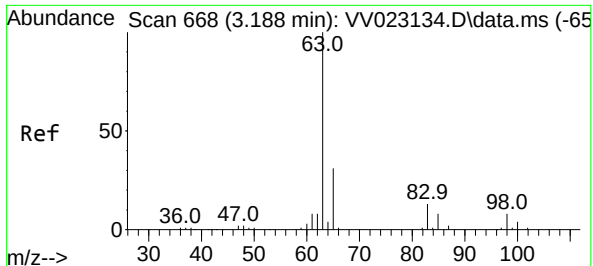
Tgt Ion: 73 Resp: 78735
Ion Ratio Lower Upper
73 100
43 20.3 17.4 26.0
57 22.1 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 5.654 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.007 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

Tgt Ion: 96 Resp: 39382
Ion Ratio Lower Upper
96 100
61 128.8 93.2 173.2
98 63.5 47.0 87.2





#19

1,1-Dichloroethane

Concen: 5.716 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023150.D

Acq: 02 Nov 2021 15:54

Instrument :

MSVOA_V

ClientSampleId :

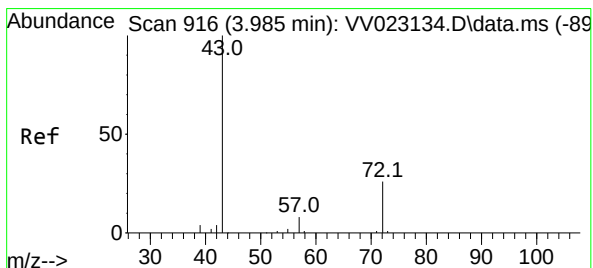
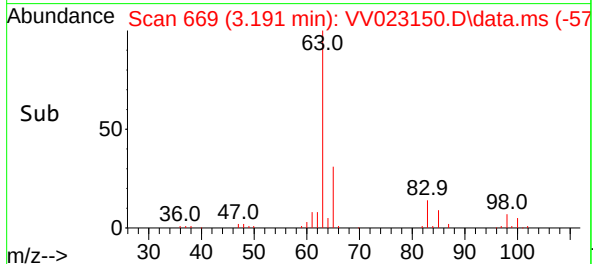
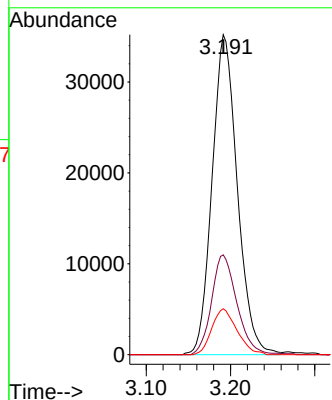
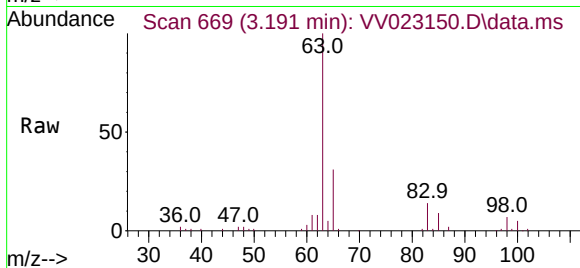
Tgt Ion: 63 Resp: 73148

Ion Ratio Lower Upper

63 100

65 31.2 22.6 42.0

83 14.4 11.1 20.7



#21

2-Butanone

Concen: 45.540 ug/L

RT: 3.986 min Scan# 916

Delta R.T. 0.000 min

Lab File: VV023150.D

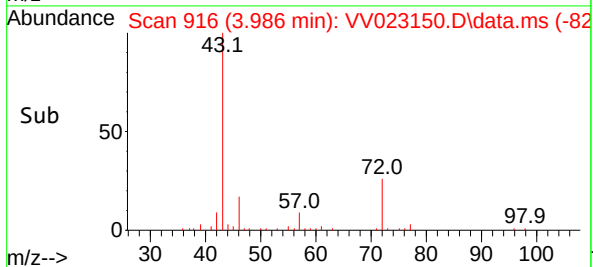
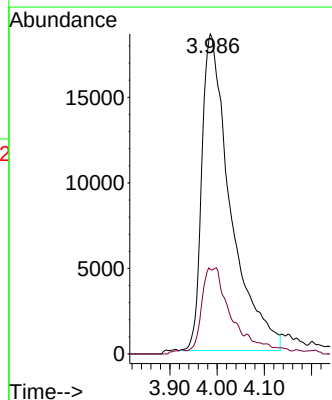
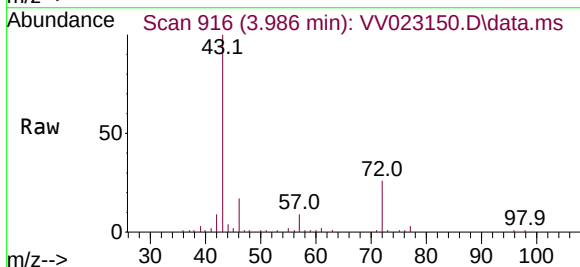
Acq: 02 Nov 2021 15:54

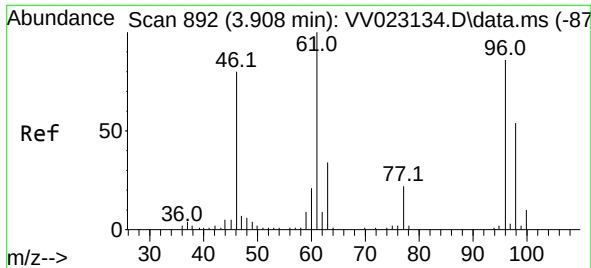
Tgt Ion: 43 Resp: 78128

Ion Ratio Lower Upper

43 100

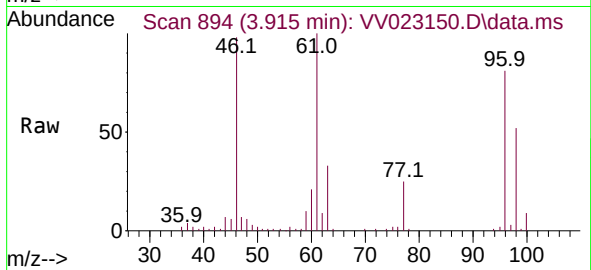
72 9.3 11.9 35.9#



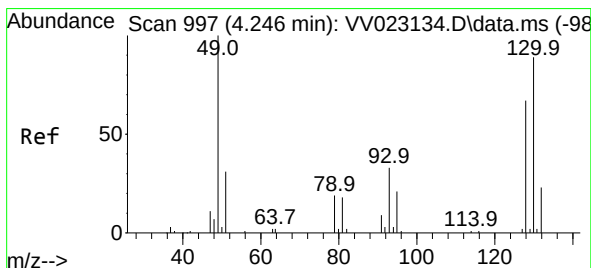
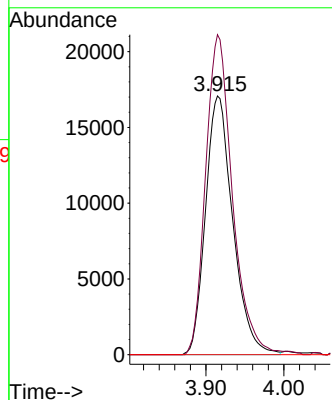
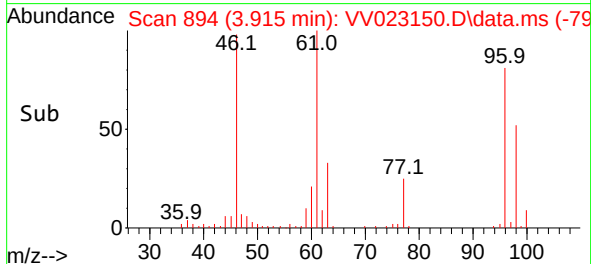


#22
 cis-1,2-Dichloroethene
 Concen: 5.263 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.007 min
 Lab File: VV023150.D
 Acq: 02 Nov 2021 15:54

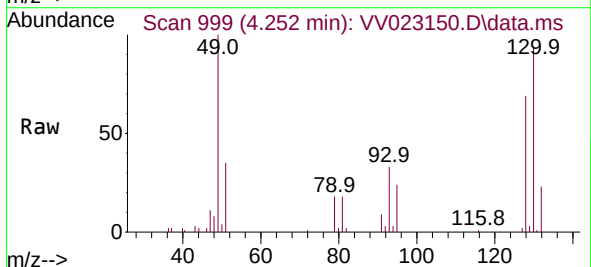
Instrument :
 MSVOA_V
 ClientSampleId :



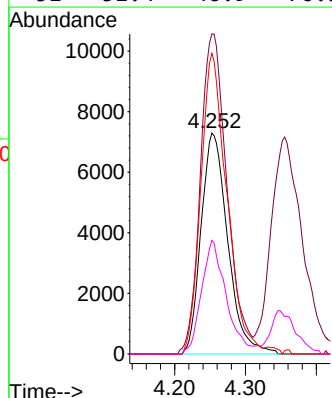
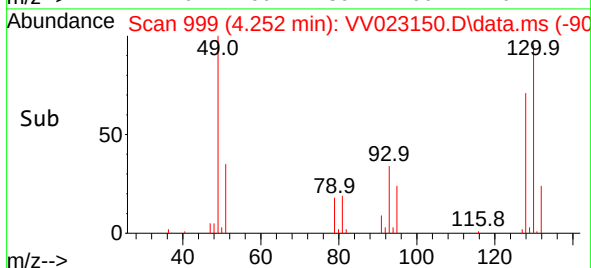
Tgt Ion: 96 Resp: 41562
 Ion Ratio Lower Upper
 96 100
 61 123.7 92.3 171.3
 68 0.0 0.4 0.8#

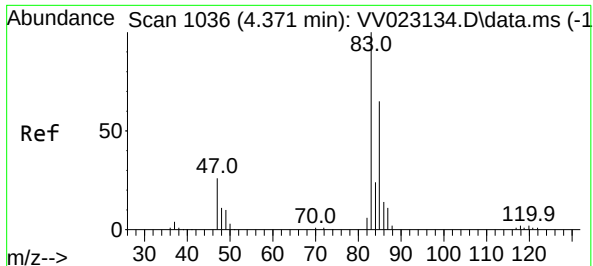


#23
 Bromochloromethane
 Concen: 5.312 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.007 min
 Lab File: VV023150.D
 Acq: 02 Nov 2021 15:54



Tgt Ion: 128 Resp: 19041
 Ion Ratio Lower Upper
 128 100
 49 144.9 126.1 234.3
 130 136.1 95.2 176.8
 51 51.4 46.9 70.3





#25

Chloroform

Concen: 4.622 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV023150.D

Acq: 02 Nov 2021 15:54

Instrument :

MSVOA_V

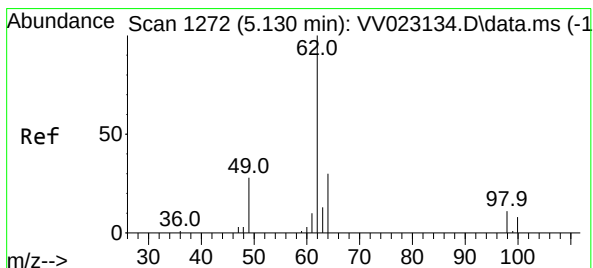
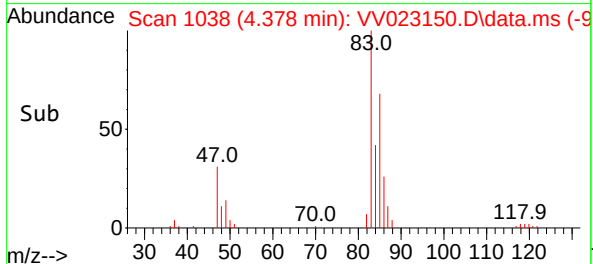
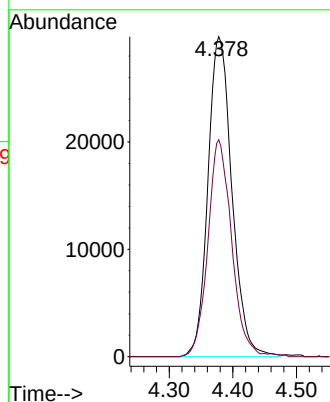
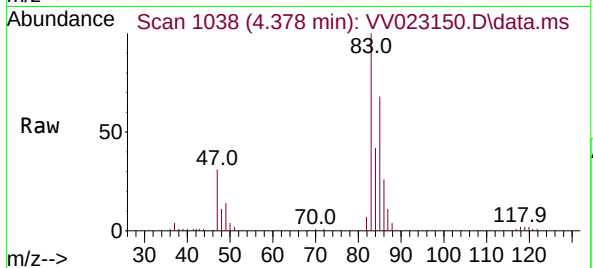
ClientSampleId :

Tgt Ion: 83 Resp: 78160

Ion Ratio Lower Upper

83 100

85 67.8 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.769 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV023150.D

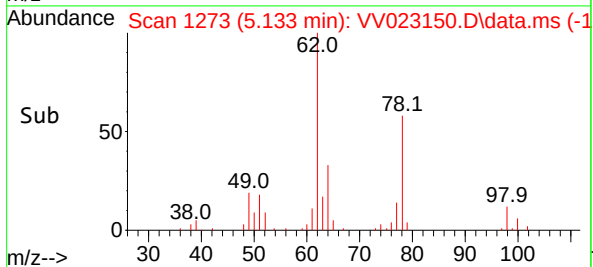
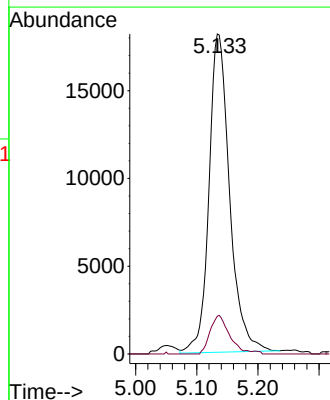
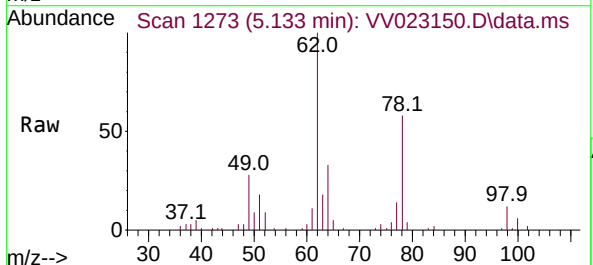
Acq: 02 Nov 2021 15:54

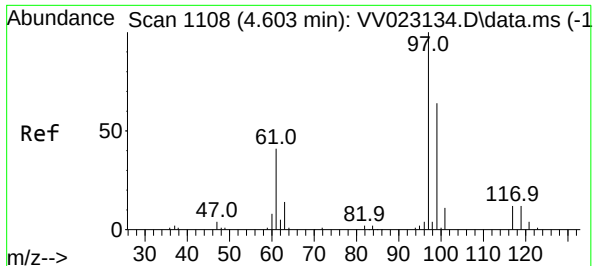
Tgt Ion: 62 Resp: 42530

Ion Ratio Lower Upper

62 100

98 11.8 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.897 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV023150.D

Acq: 02 Nov 2021 15:54

Instrument :

MSVOA_V

ClientSampleId :

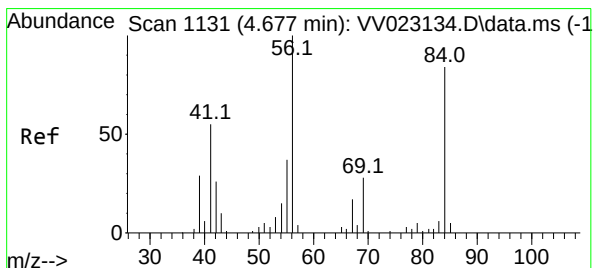
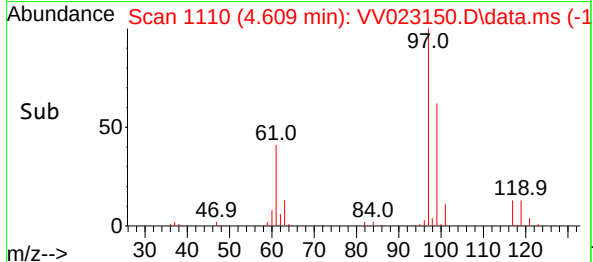
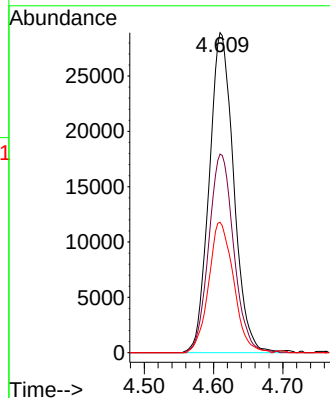
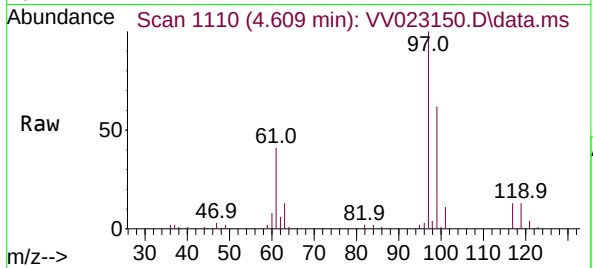
Tgt Ion: 97 Resp: 70944

Ion Ratio Lower Upper

97 100

99 63.4 51.0 76.4

61 41.6 34.1 51.1



#30

Cyclohexane

Concen: 4.237 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV023150.D

Acq: 02 Nov 2021 15:54

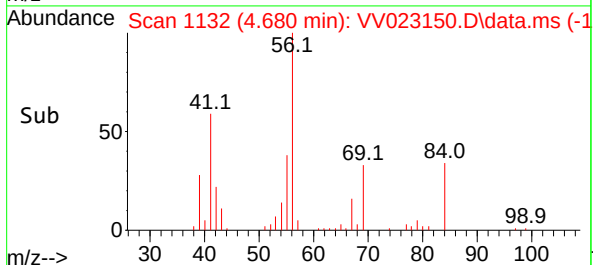
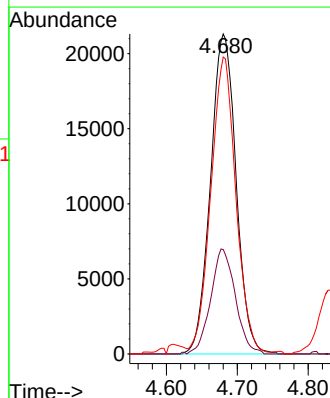
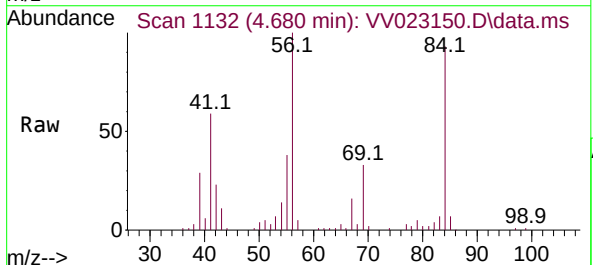
Tgt Ion: 56 Resp: 53587

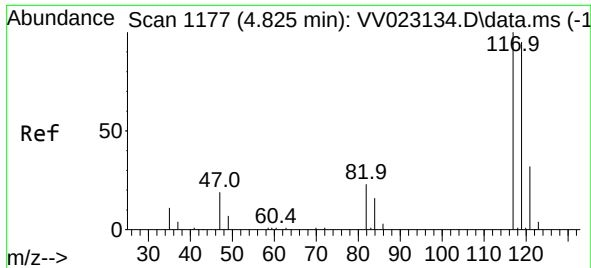
Ion Ratio Lower Upper

56 100

69 31.6 23.5 35.3

84 90.1 71.6 107.4

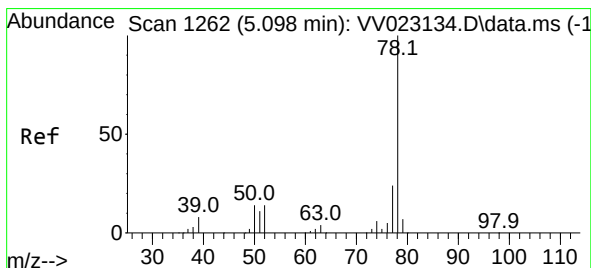
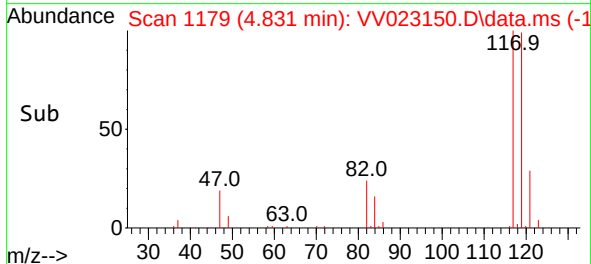
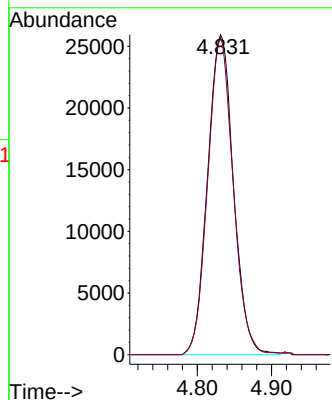
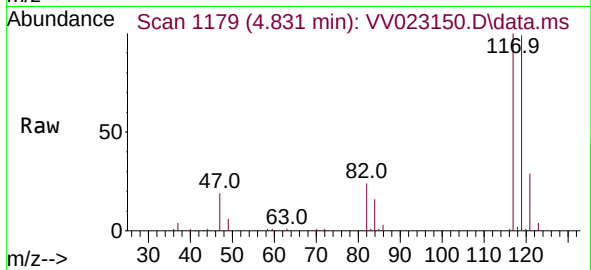




#31
Carbon tetrachloride
Concen: 5.037 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.007 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

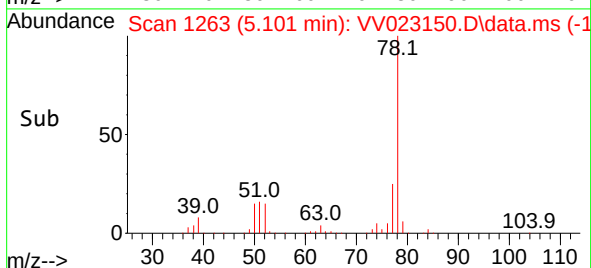
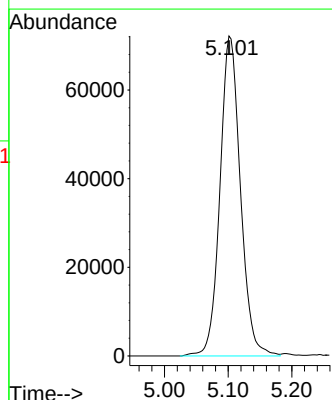
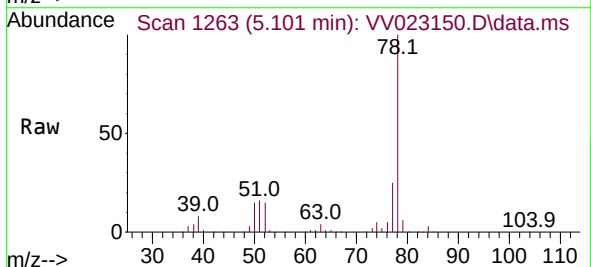
Instrument :
MSVOA_V
ClientSampleId :

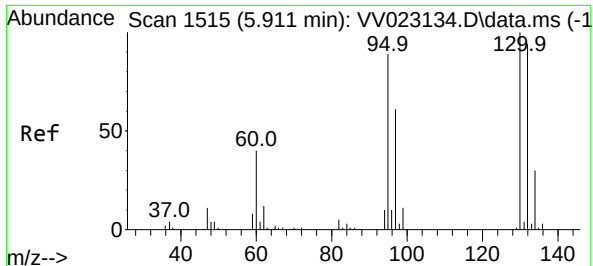
Tgt Ion:117 Resp: 62789
Ion Ratio Lower Upper
117 100
119 97.5 78.8 118.2



#33
Benzene
Concen: 4.677 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

Tgt Ion: 78 Resp: 161349

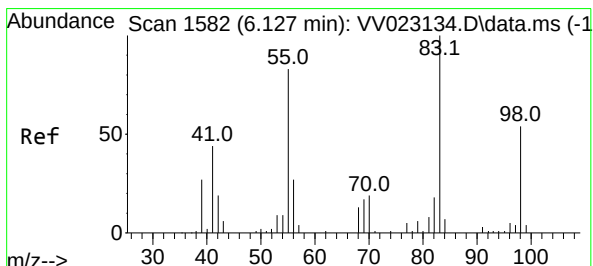
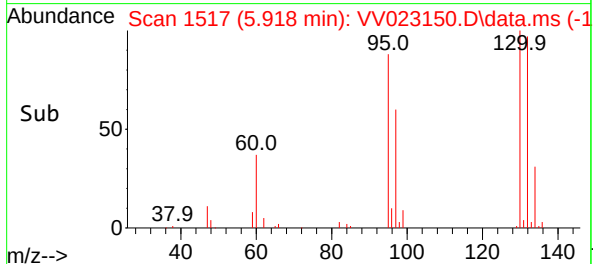
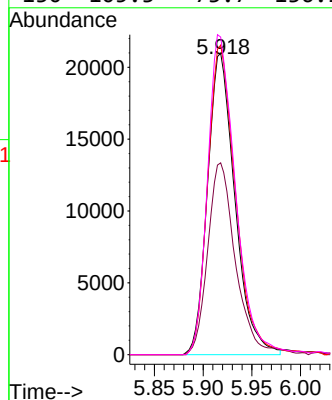
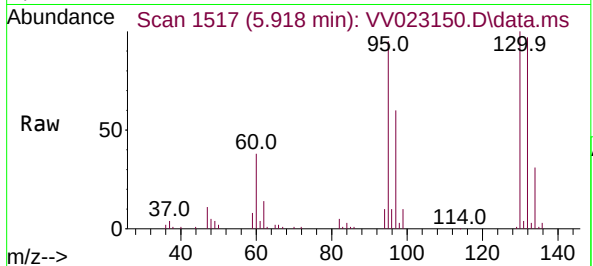




#34
Trichloroethene
Concen: 4.728 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.007 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

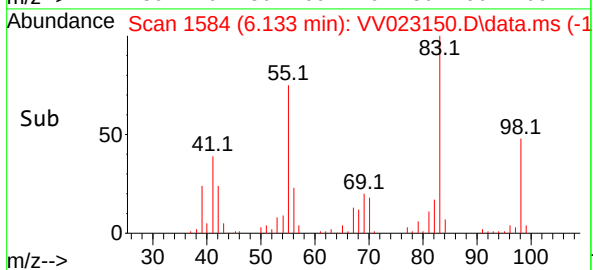
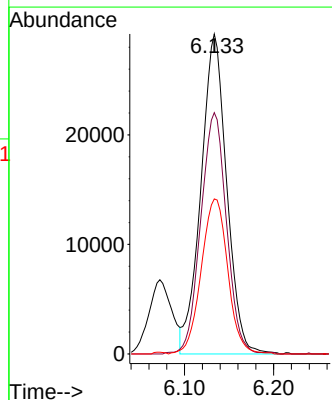
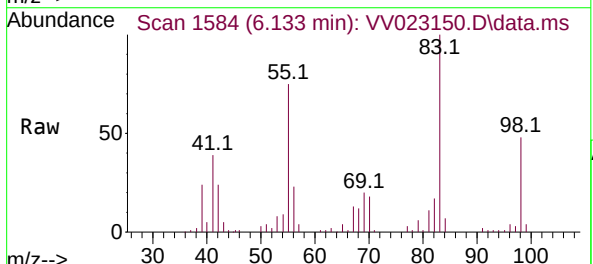
Instrument :
MSVOA_V
ClientSampleId :

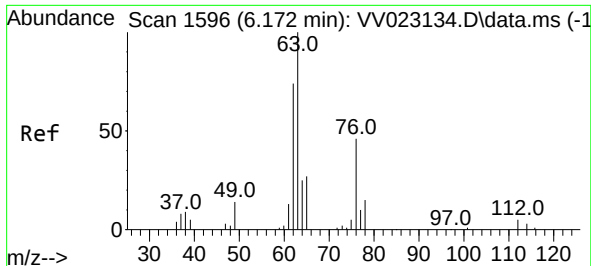
Tgt Ion: 95 Resp: 40980
Ion Ratio Lower Upper
95 100
97 63.6 45.0 83.6
132 102.7 69.7 129.4
130 105.3 73.7 136.9



#35
Methylcyclohexane
Concen: 4.735 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.007 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

Tgt Ion: 83 Resp: 58760
Ion Ratio Lower Upper
83 100
55 75.4 62.8 94.2
98 49.9 37.9 56.9





#37

1,2-Dichloropropane

Concen: 4.552 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023150.D

Acq: 02 Nov 2021 15:54

Instrument :

MSVOA_V

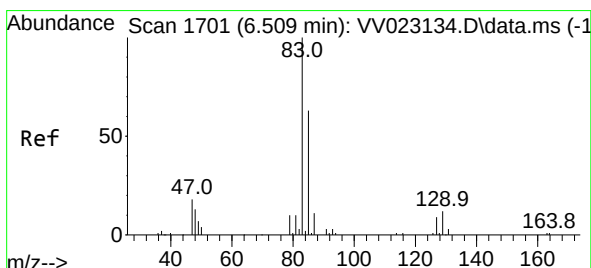
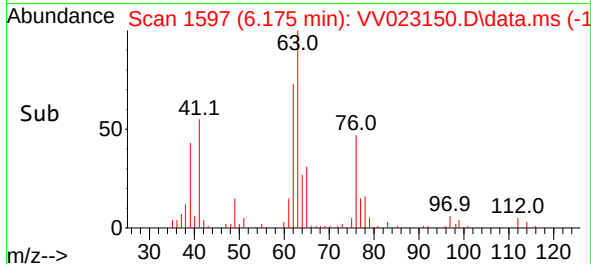
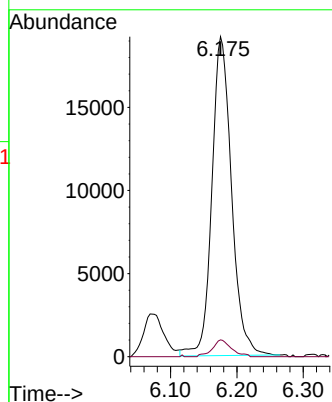
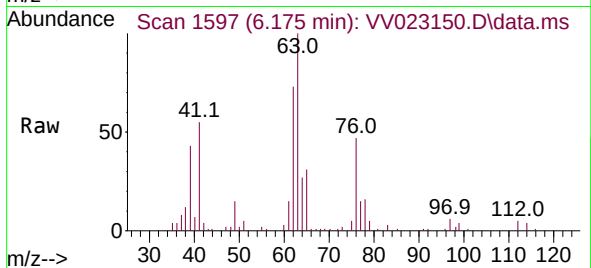
ClientSampleId :

Tgt Ion: 63 Resp: 39583

Ion Ratio Lower Upper

63 100

112 5.1 4.6 6.8



#38

Bromodichloromethane

Concen: 4.810 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV023150.D

Acq: 02 Nov 2021 15:54

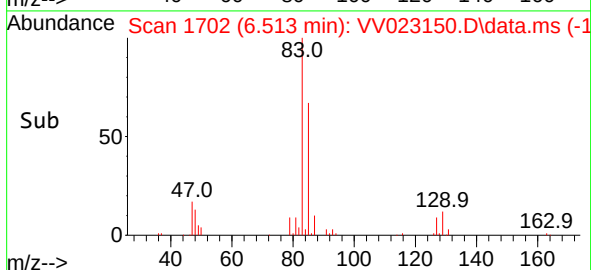
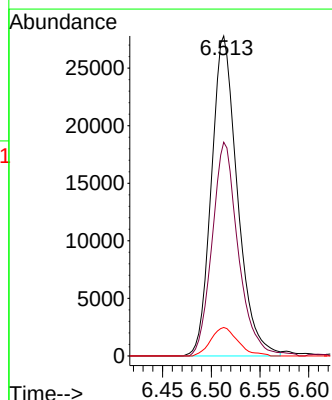
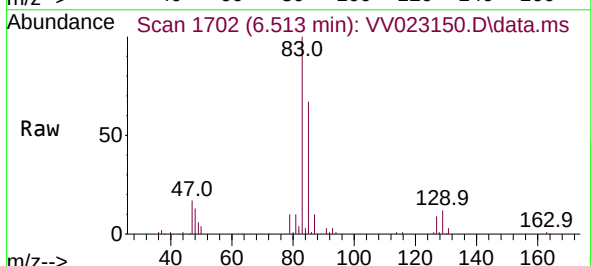
Tgt Ion: 83 Resp: 51598

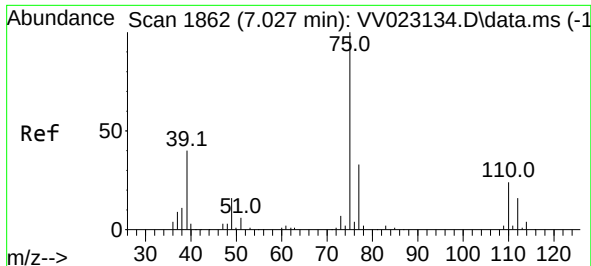
Ion Ratio Lower Upper

83 100

85 66.8 46.1 85.7

127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.963 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV023150.D

Acq: 02 Nov 2021 15:54

Instrument :

MSVOA_V

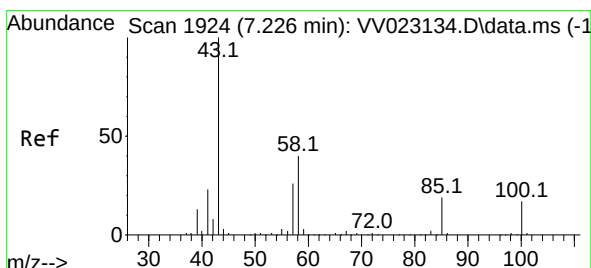
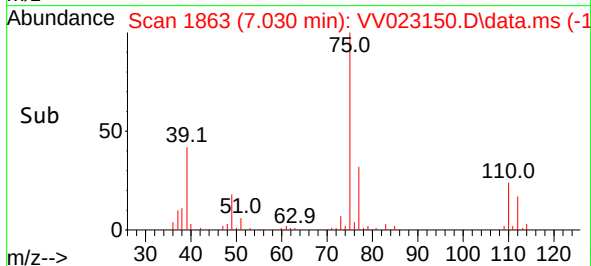
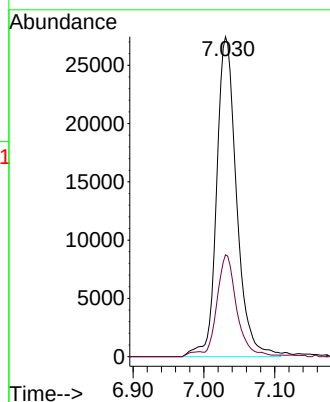
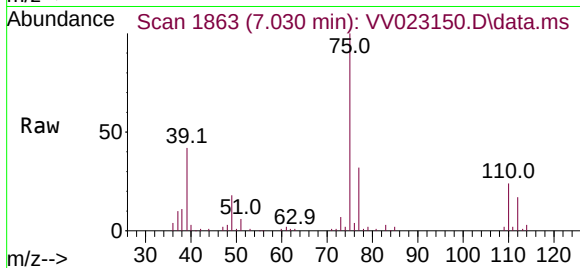
ClientSampleId :

Tgt Ion: 75 Resp: 53741

Ion Ratio Lower Upper

75 100

77 31.8 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 48.275 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV023150.D

Acq: 02 Nov 2021 15:54

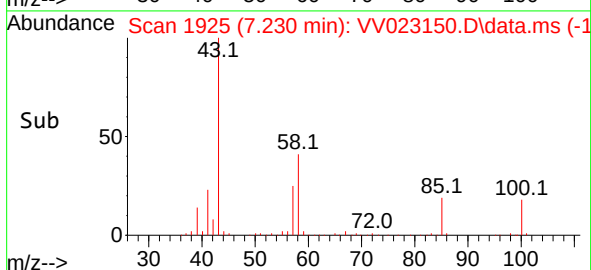
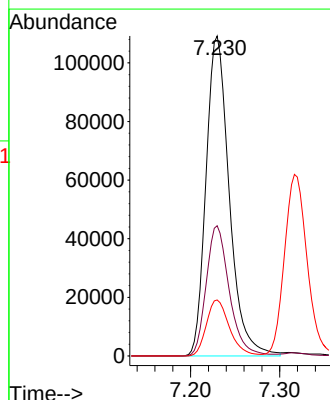
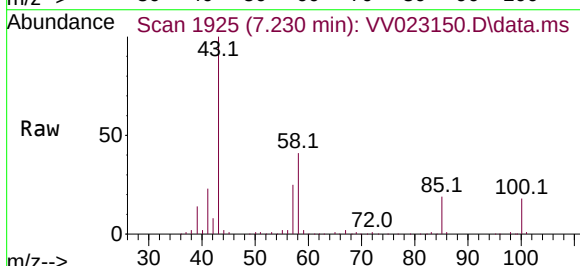
Tgt Ion: 43 Resp: 197625

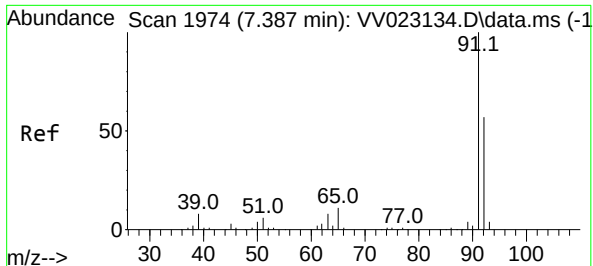
Ion Ratio Lower Upper

43 100

58 40.4 31.1 46.7

100 17.4 12.6 19.0





#42

Toluene

Concen: 5.118 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV023150.D

Acq: 02 Nov 2021 15:54

Instrument :

MSVOA_V

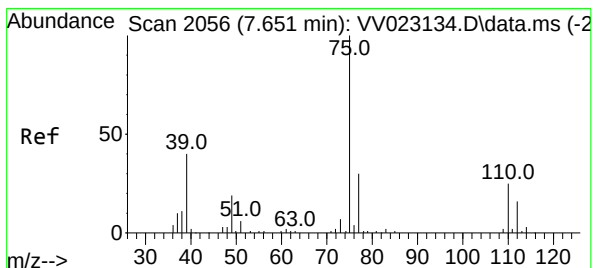
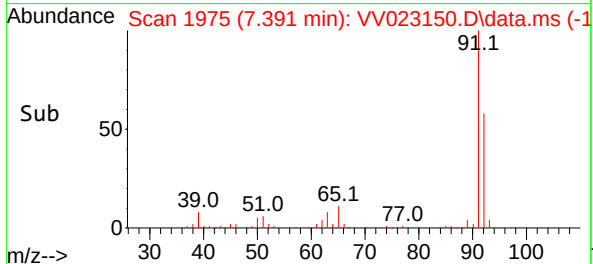
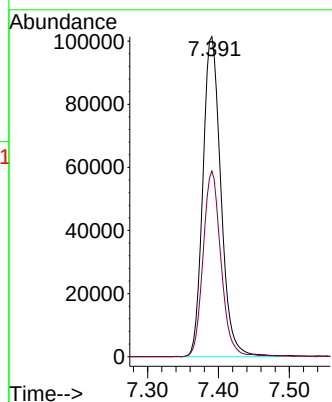
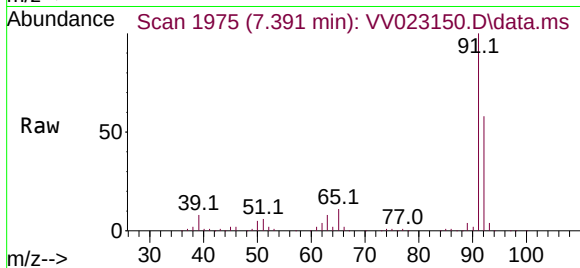
ClientSampleId :

Tgt Ion: 91 Resp: 178930

Ion Ratio Lower Upper

91 100

92 58.0 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.232 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023150.D

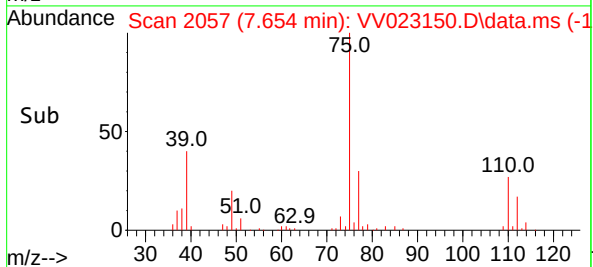
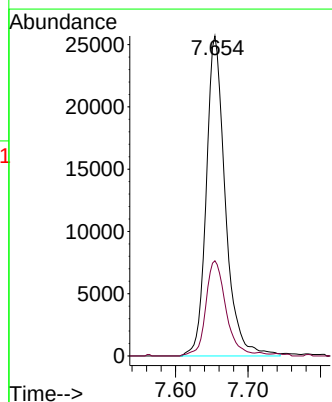
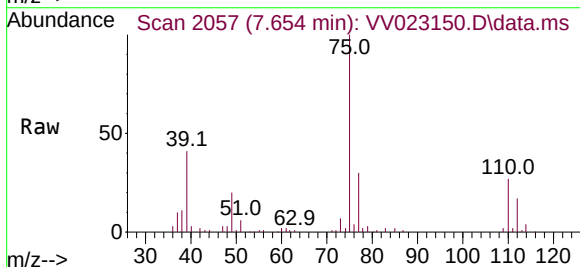
Acq: 02 Nov 2021 15:54

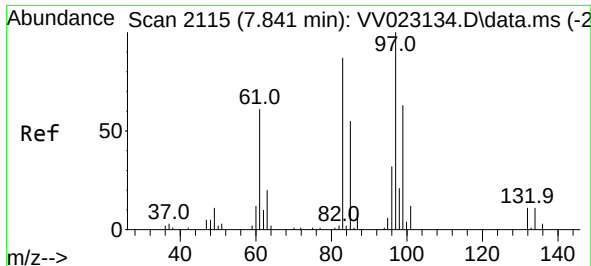
Tgt Ion: 75 Resp: 46870

Ion Ratio Lower Upper

75 100

77 29.8 22.5 41.7

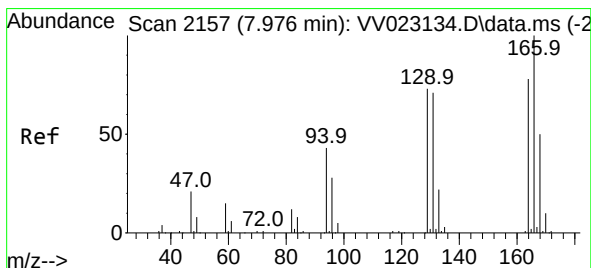
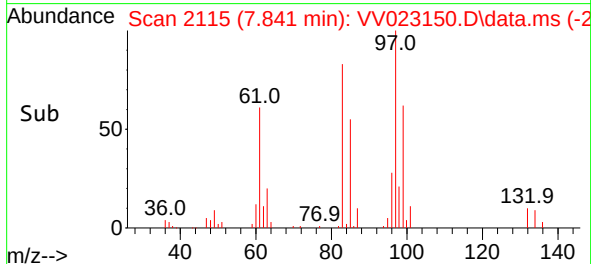
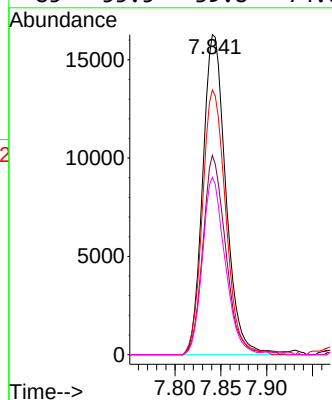
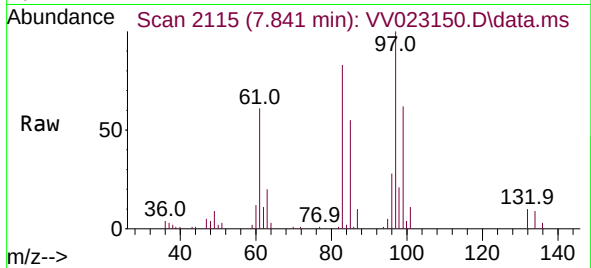




#45
1,1,2-Trichloroethane
Concen: 4.687 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

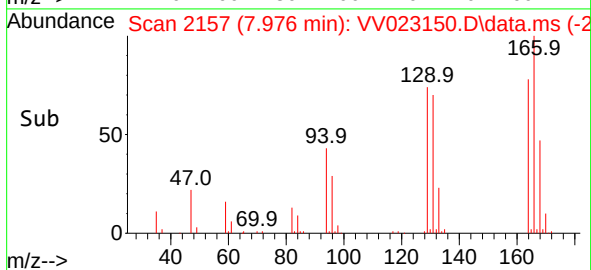
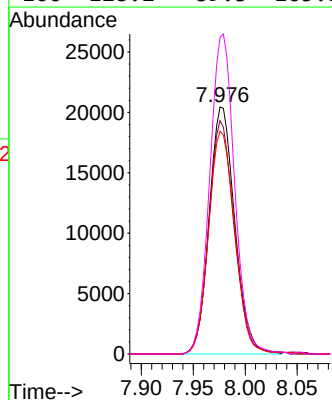
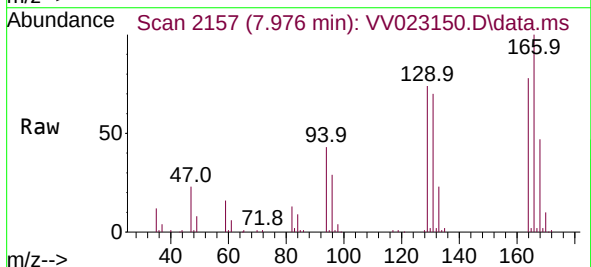
Instrument :
MSVOA_V
ClientSampleId :

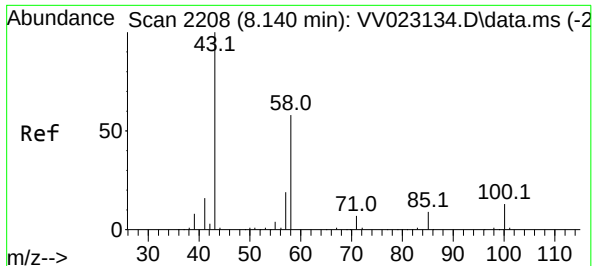
Tgt Ion: 97	Resp: 28514
Ion Ratio	Lower Upper
97 100	
99 62.3	43.6 81.0
83 82.8	58.4 108.4
85 55.5	39.8 74.0



#47
Tetrachloroethene
Concen: 4.786 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

Tgt	Ion:164	Resp:	35047
Ion	Ratio	Lower	Upper
164	100		
129	94.4	64.0	119.0
131	90.1	63.4	117.8
166	128.2	89.3	165.9

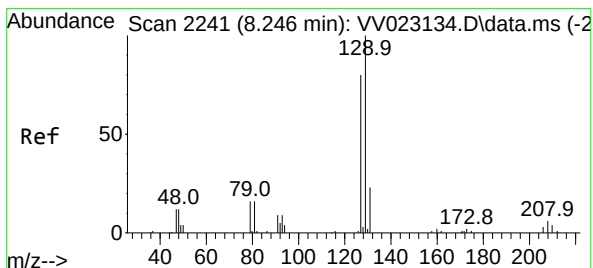
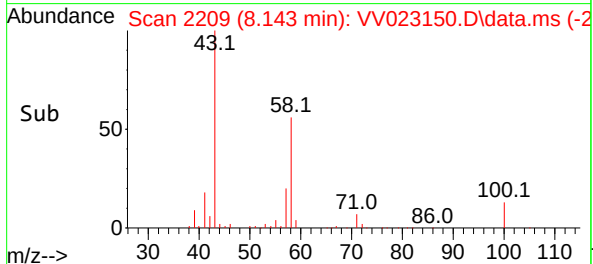
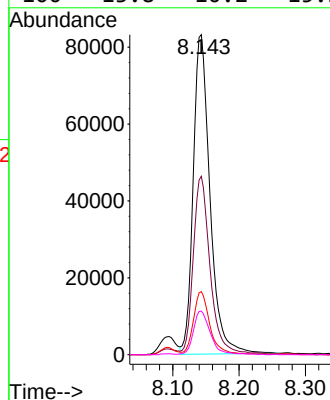
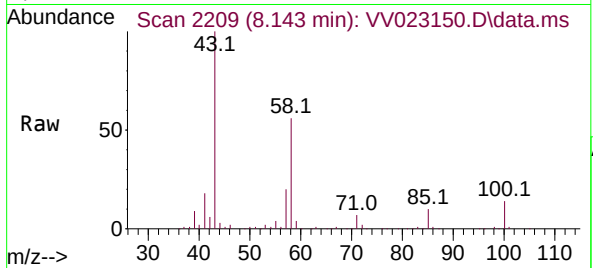




#48
2-Hexanone
Concen: 48.131 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

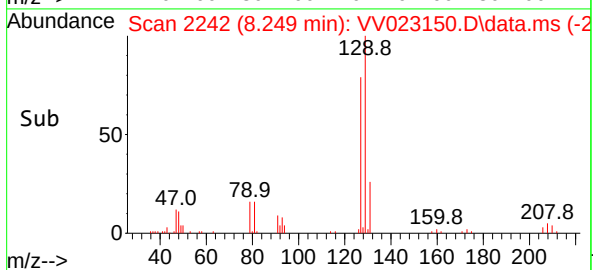
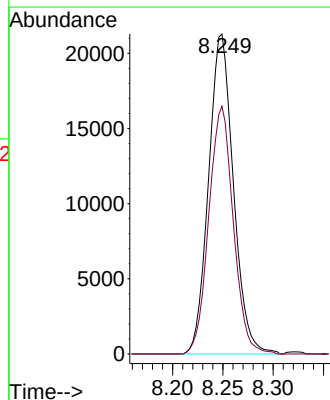
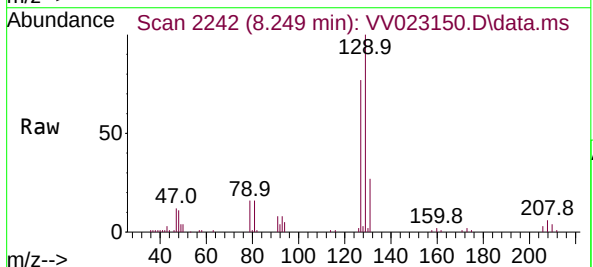
Instrument :
MSVOA_V
ClientSampleId :

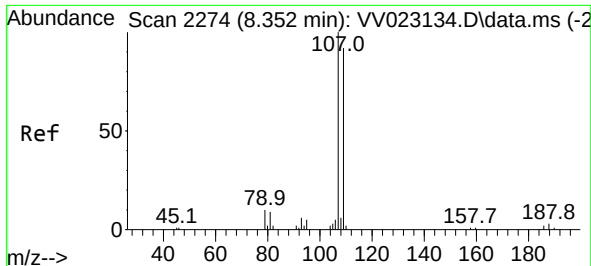
Tgt Ion: 43 Resp: 146262
Ion Ratio Lower Upper
43 100
58 54.5 43.7 65.5
57 19.1 14.1 21.1
100 13.8 10.2 15.2



#49
Dibromochloromethane
Concen: 5.050 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

Tgt Ion: 129 Resp: 36556
Ion Ratio Lower Upper
129 100
127 77.4 54.7 101.7





#50

1,2-Dibromoethane

Concen: 4.760 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023150.D

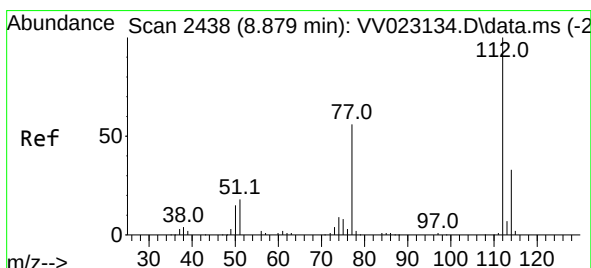
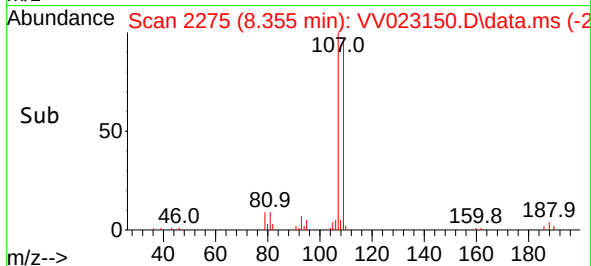
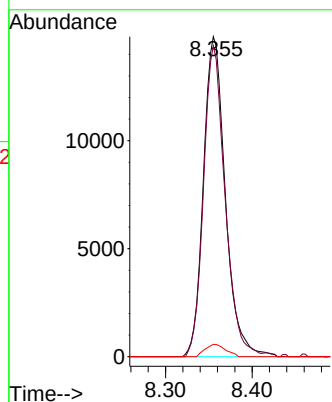
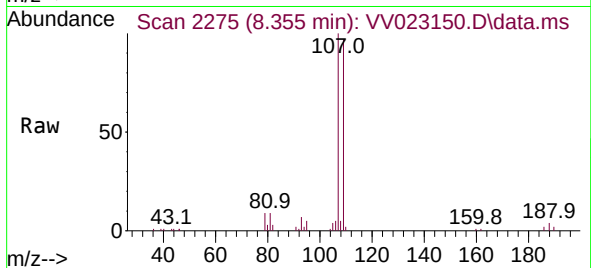
Acq: 02 Nov 2021 15:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	26067
Ion	Ratio	Lower	Upper
107	100		
109	97.1	64.7	120.1
188	3.9	3.6	5.4



#51

Chlorobenzene

Concen: 4.972 ug/L

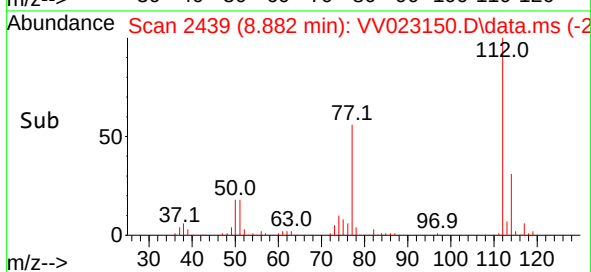
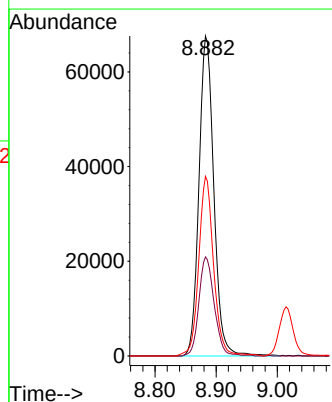
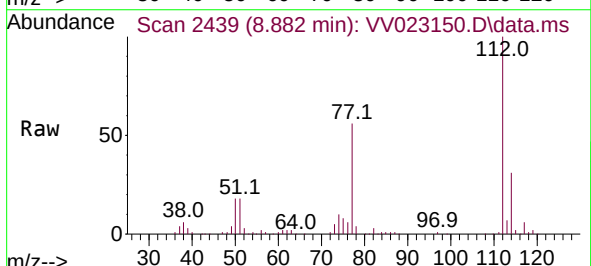
RT: 8.882 min Scan# 2439

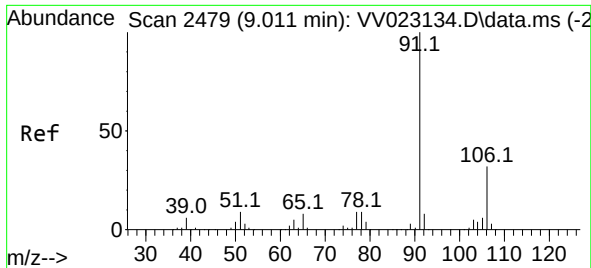
Delta R.T. 0.003 min

Lab File: VV023150.D

Acq: 02 Nov 2021 15:54

Tgt Ion:	112	Resp:	114190
Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.0	40.8
77	56.1	44.4	66.6

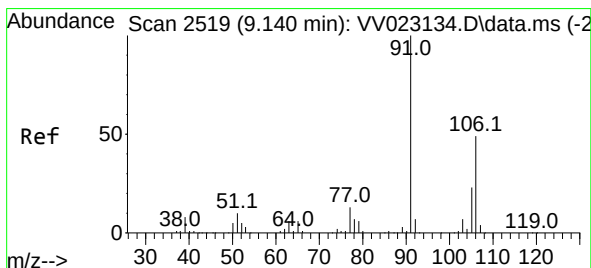
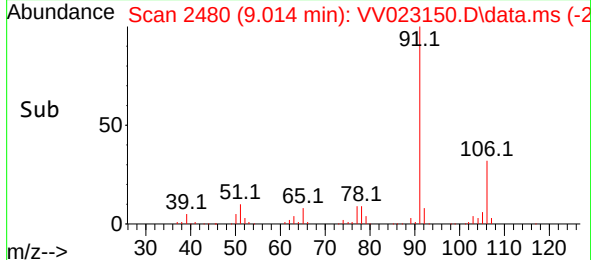
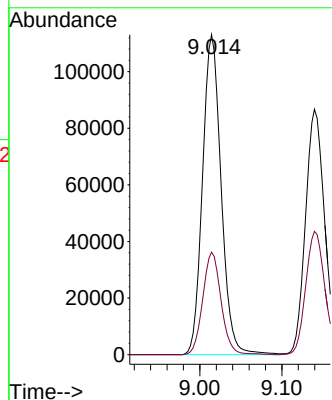
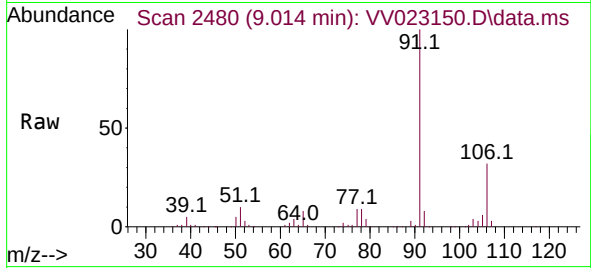




#52
Ethylbenzene
Concen: 5.134 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

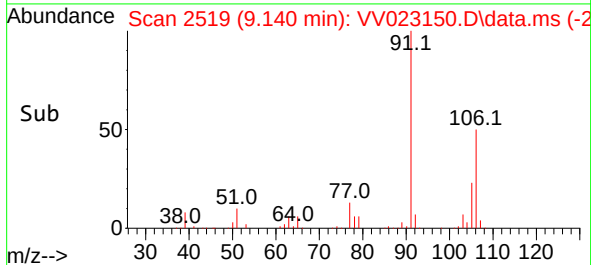
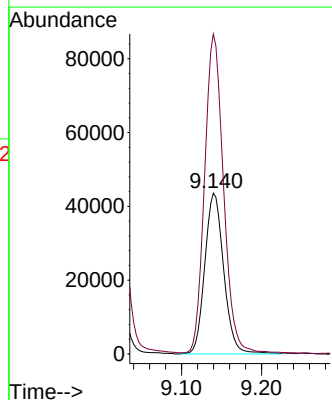
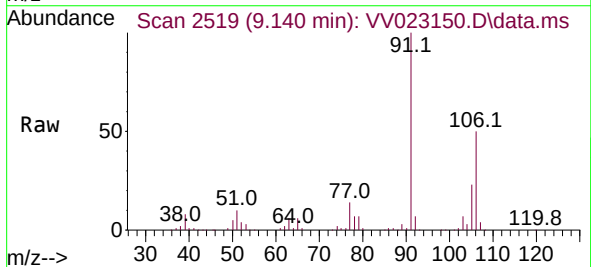
Instrument :
MSVOA_V
ClientSampleId :

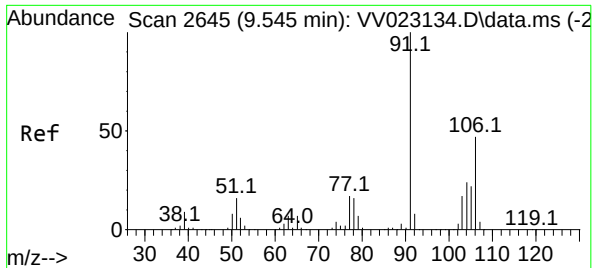
Tgt Ion: 91 Resp: 178170
Ion Ratio Lower Upper
91 100
106 32.1 22.5 41.9



#53
m,p-xylene
Concen: 5.169 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

Tgt Ion: 106 Resp: 71935
Ion Ratio Lower Upper
106 100
91 199.0 137.2 254.8

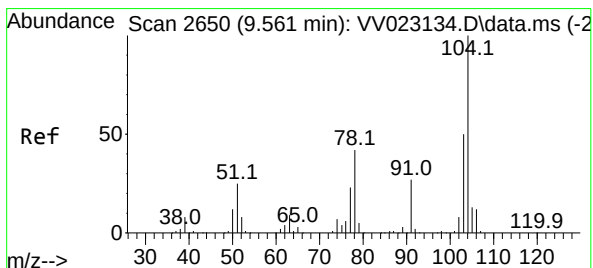
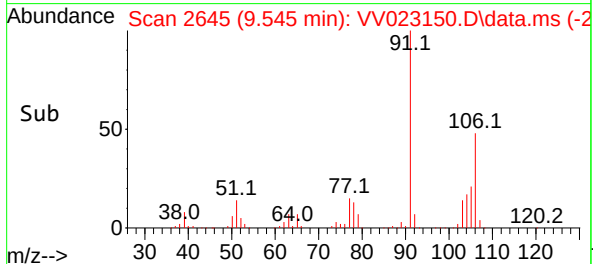
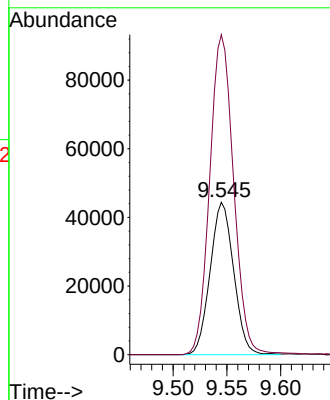
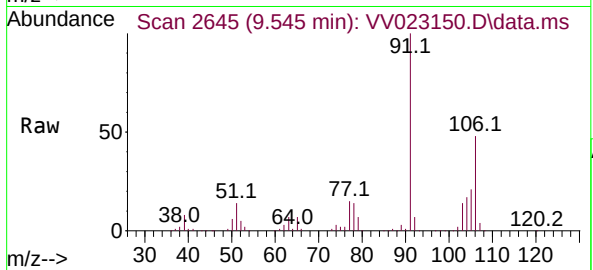




#54
o-xylene
Concen: 5.160 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

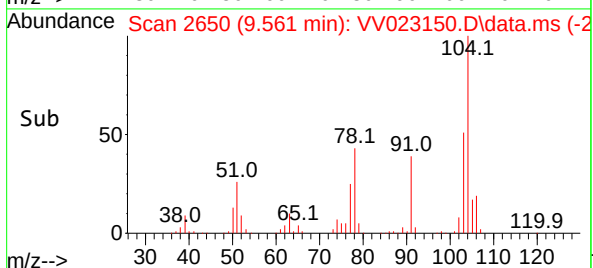
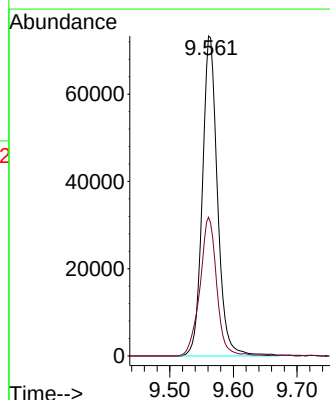
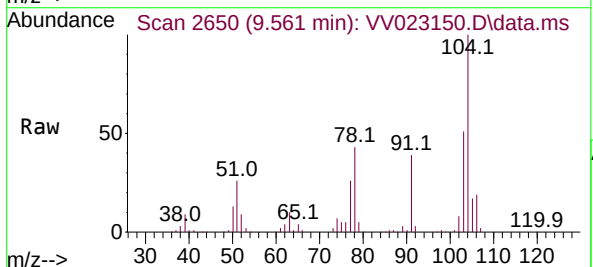
Instrument :
MSVOA_V
ClientSampleId :

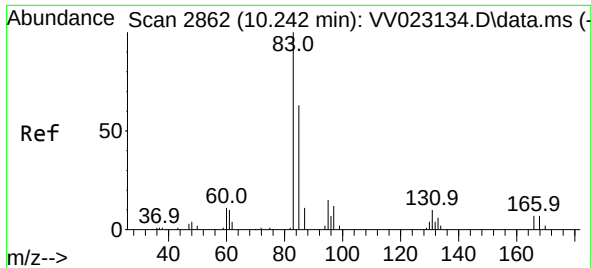
Tgt Ion:106 Resp: 67599
Ion Ratio Lower Upper
106 100
91 209.8 148.3 275.5



#55
Styrene
Concen: 5.362 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

Tgt Ion:104 Resp: 121310
Ion Ratio Lower Upper
104 100
78 43.4 29.3 54.3

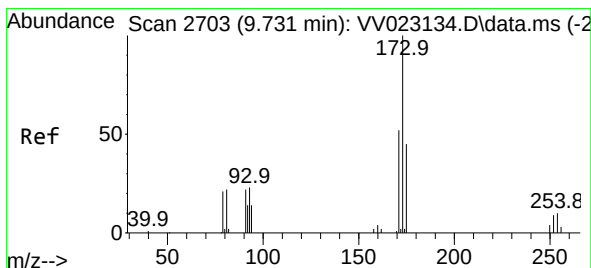
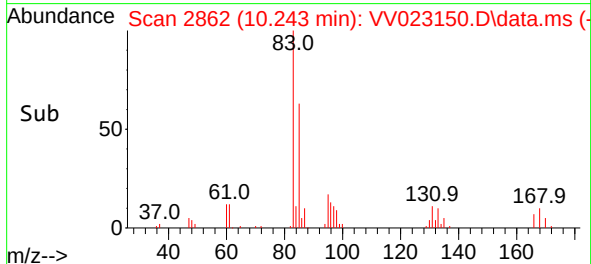
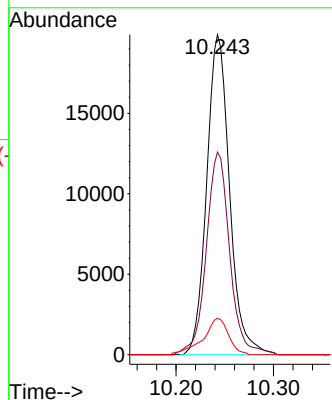
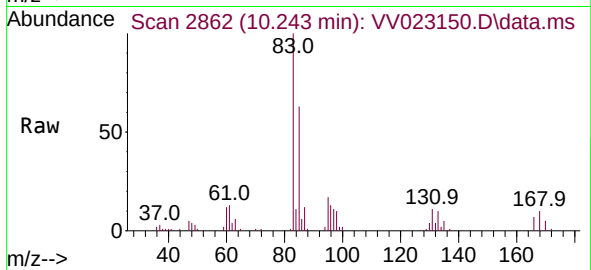




#57
1,1,2,2-Tetrachloroethane
Concen: 4.761 ug/L
RT: 10.243 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

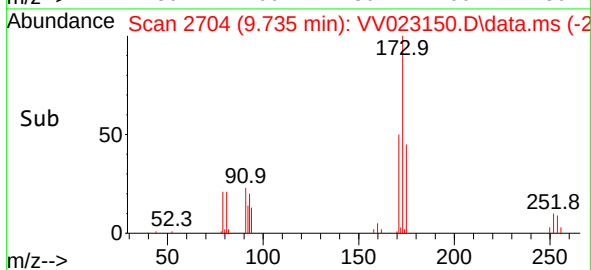
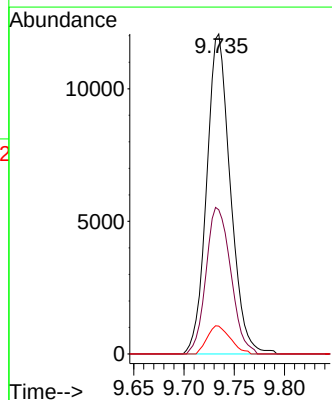
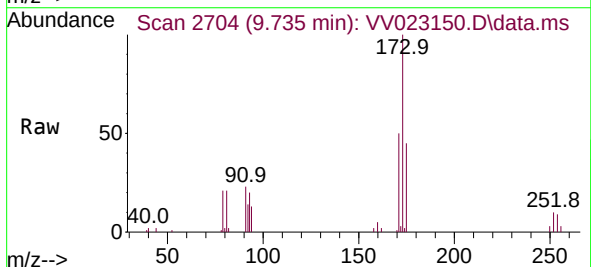
Instrument :
MSVOA_V
ClientSampleId :

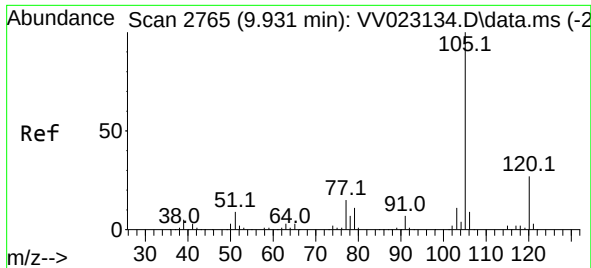
Tgt Ion: 83 Resp: 32371
Ion Ratio Lower Upper
83 100
85 63.3 45.1 83.9
131 11.4 7.8 11.6



#59
Bromoform
Concen: 4.708 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

Tgt Ion: 173 Resp: 19751
Ion Ratio Lower Upper
173 100
175 47.9 38.2 57.2
254 8.6 6.2 9.2

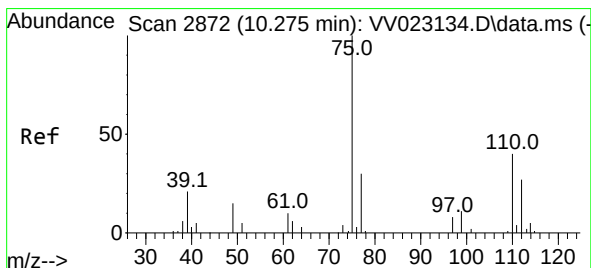
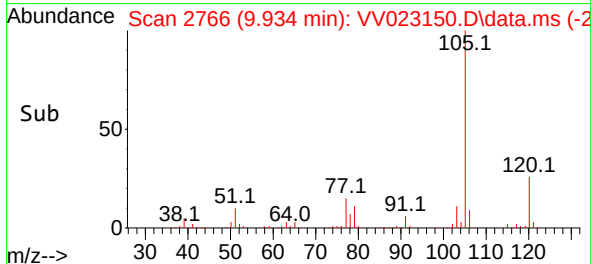
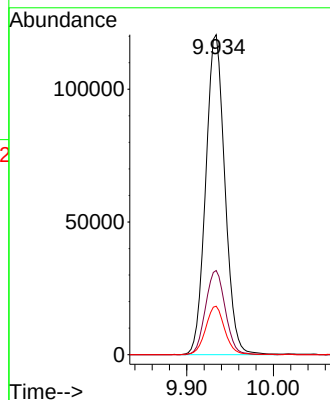
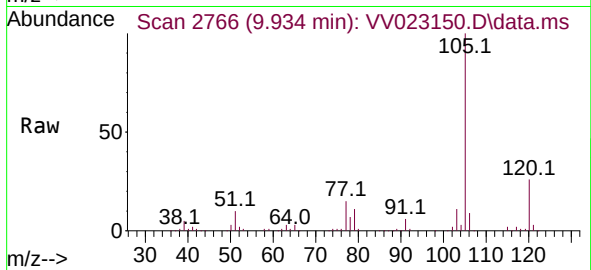




#60
Isopropylbenzene
Concen: 5.082 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

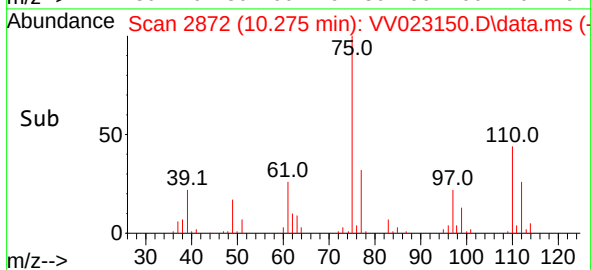
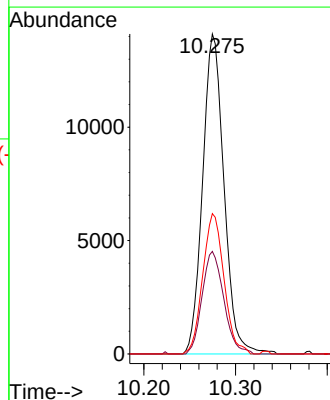
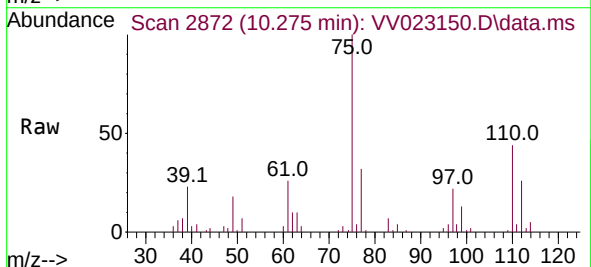
Instrument :
MSVOA_V
ClientSampleId :

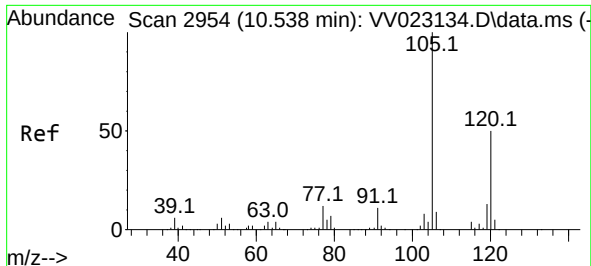
Tgt Ion:105 Resp: 185056
Ion Ratio Lower Upper
105 100
120 27.2 21.7 32.5
77 15.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.507 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

Tgt Ion: 75 Resp: 22843
Ion Ratio Lower Upper
75 100
77 32.5 26.6 39.8
110 43.7 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 5.038 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV023150.D

Acq: 02 Nov 2021 15:54

Instrument :

MSVOA_V

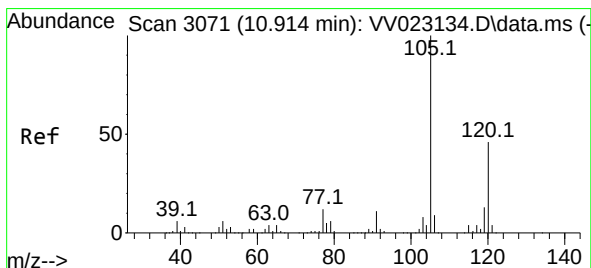
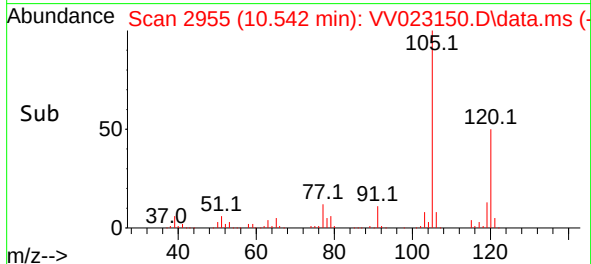
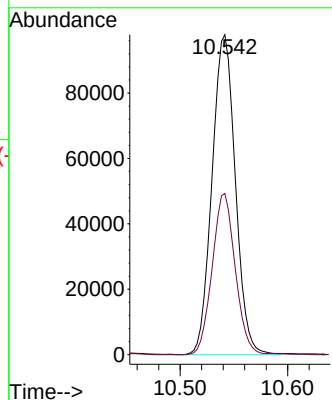
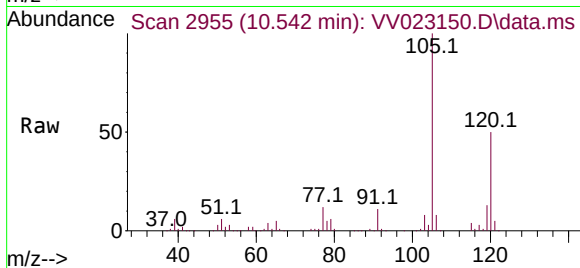
ClientSampleId :

Tgt Ion:105 Resp: 147347

Ion Ratio Lower Upper

105 100

120 49.9 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.251 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023150.D

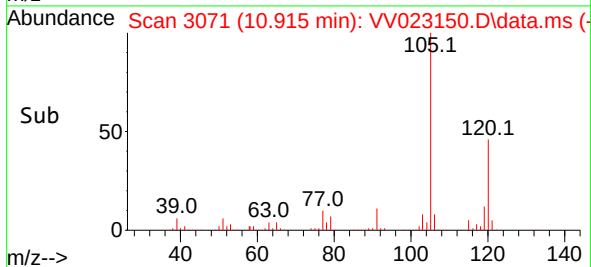
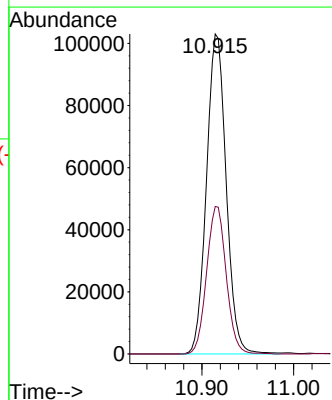
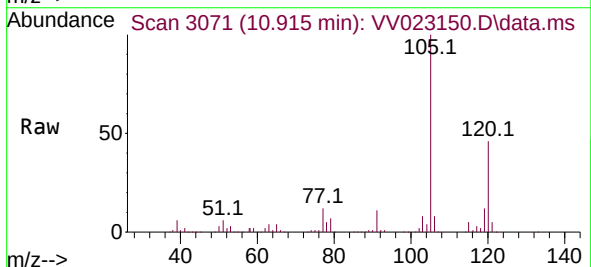
Acq: 02 Nov 2021 15:54

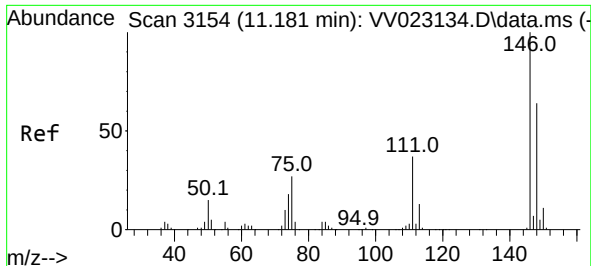
Tgt Ion:105 Resp: 153290

Ion Ratio Lower Upper

105 100

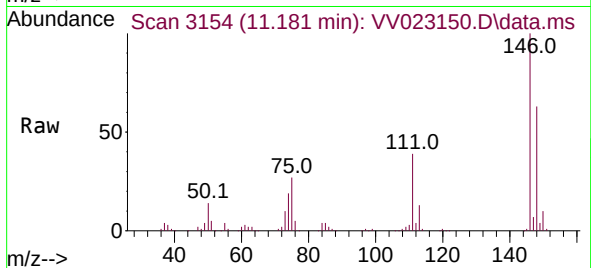
120 46.0 37.4 56.2



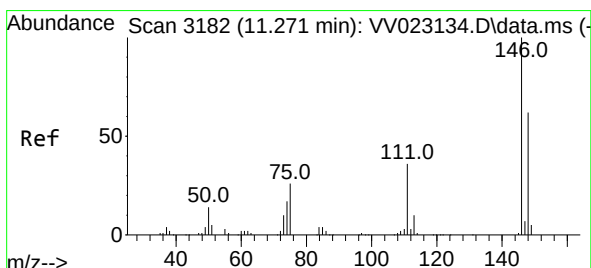
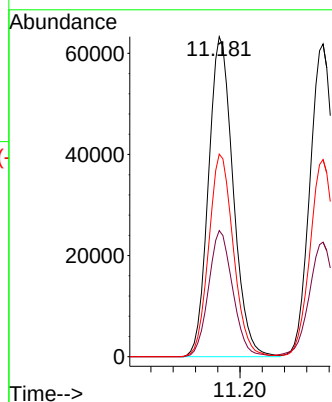
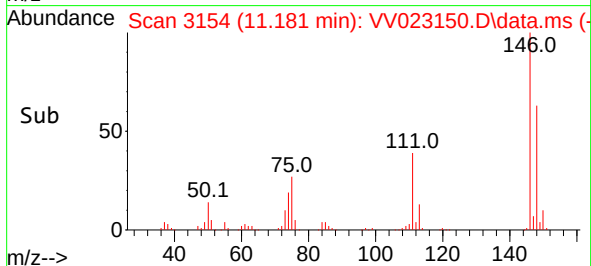


#64
1,3-Dichlorobenzene
Concen: 5.086 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54

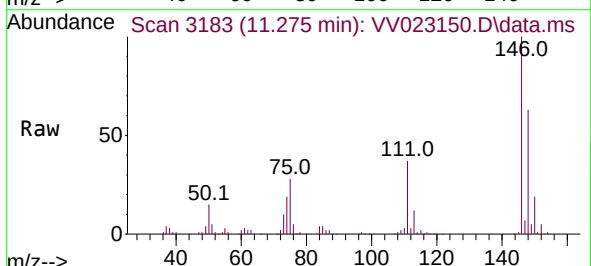
Instrument :
MSVOA_V
ClientSampleId :



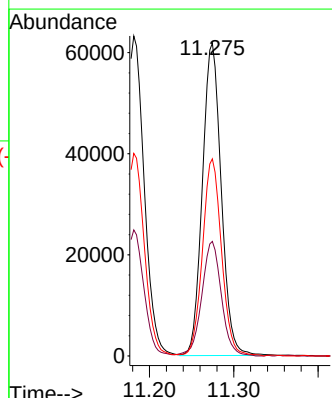
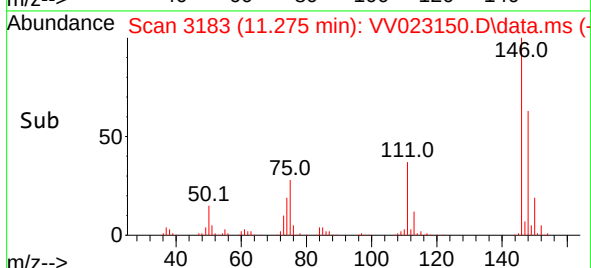
Tgt Ion:146 Resp: 97449
Ion Ratio Lower Upper
146 100
111 39.4 26.7 49.7
148 63.3 42.9 79.7

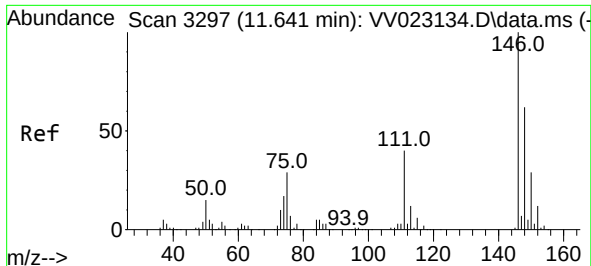


#65
1,4-Dichlorobenzene
Concen: 4.951 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023150.D
Acq: 02 Nov 2021 15:54



Tgt Ion:146 Resp: 96370
Ion Ratio Lower Upper
146 100
111 36.6 26.2 48.8
148 63.0 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 4.900 ug/L

RT: 11.644 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV023150.D

Acq: 02 Nov 2021 15:54

Instrument :

MSVOA_V

ClientSampleId :

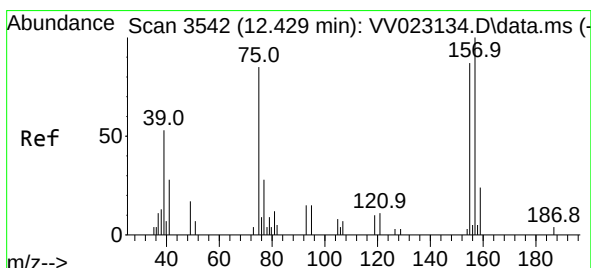
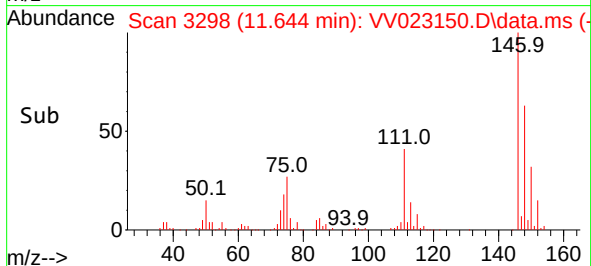
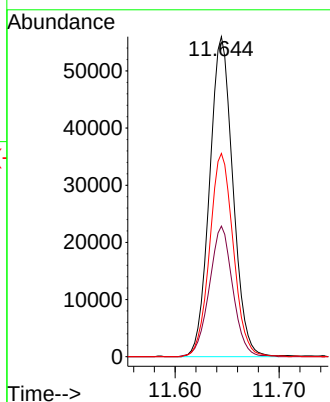
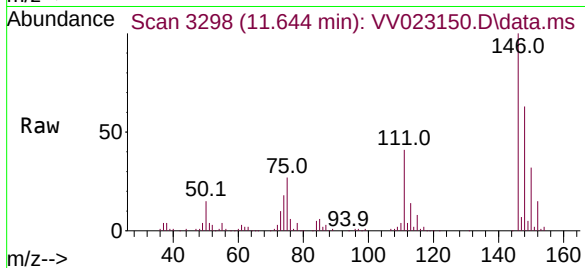
Tgt Ion:146 Resp: 87400

Ion Ratio Lower Upper

146 100

111 40.8 31.6 47.4

148 63.5 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.822 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VV023150.D

Acq: 02 Nov 2021 15:54

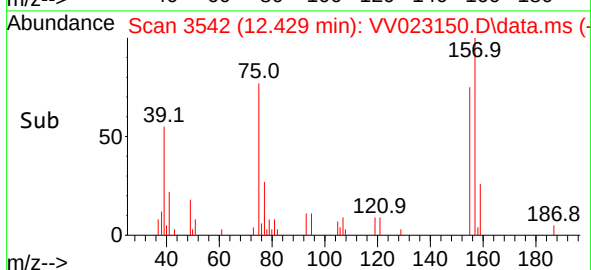
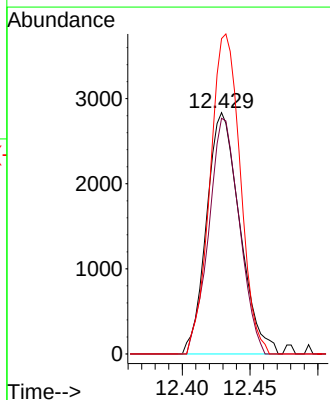
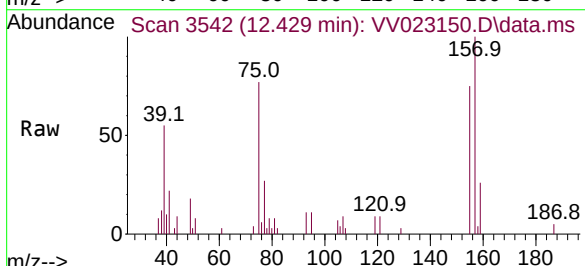
Tgt Ion: 75 Resp: 4822

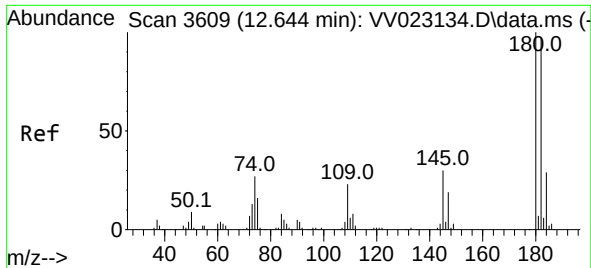
Ion Ratio Lower Upper

75 100

155 97.7 67.7 101.5

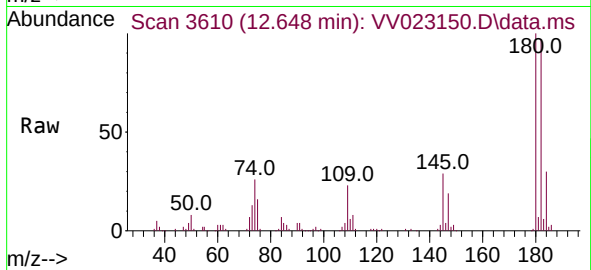
157 130.7 87.9 131.9



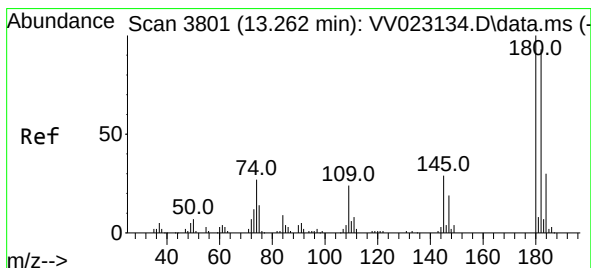
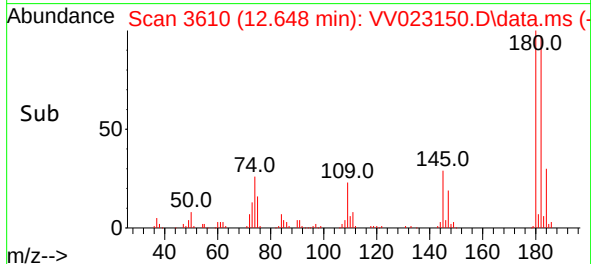
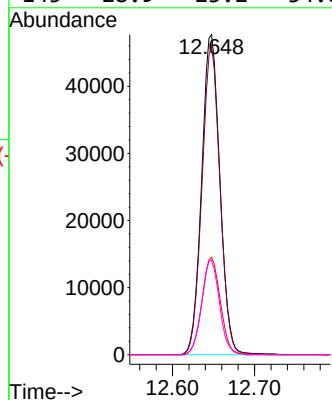


#69
 1,3,5-Trichlorobenzene
 Concen: 5.048 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VV023150.D
 Acq: 02 Nov 2021 15:54

Instrument :
 MSVOA_V
 ClientSampleId :

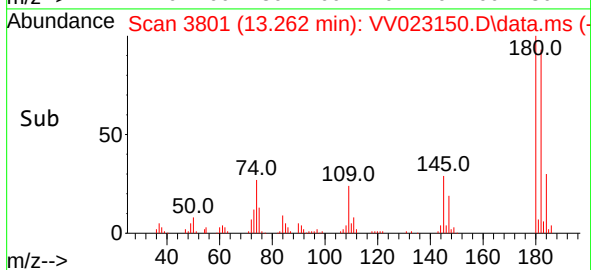
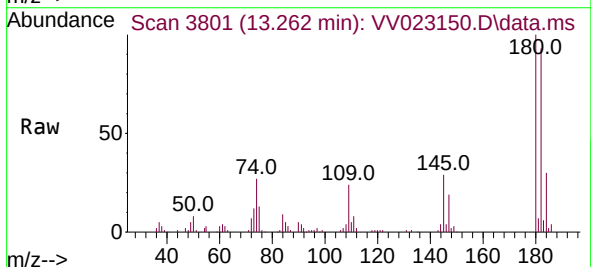
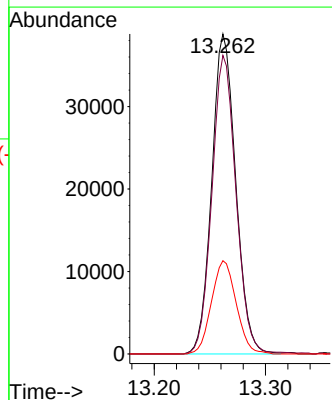


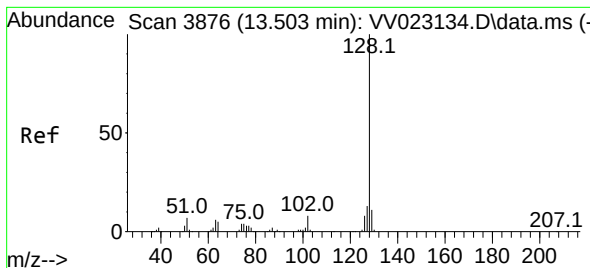
Tgt Ion:180 Resp: 73667
 Ion Ratio Lower Upper
 180 100
 182 95.5 74.9 112.3
 184 30.4 23.8 35.8
 145 28.9 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.305 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023150.D
 Acq: 02 Nov 2021 15:54

Tgt Ion:180 Resp: 57927
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.9 115.3
 145 30.1 24.4 36.6





#71

Naphthalene

Concen: 5.108 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023150.D

Acq: 02 Nov 2021 15:54

Instrument :

MSVOA_V

ClientSampleId :

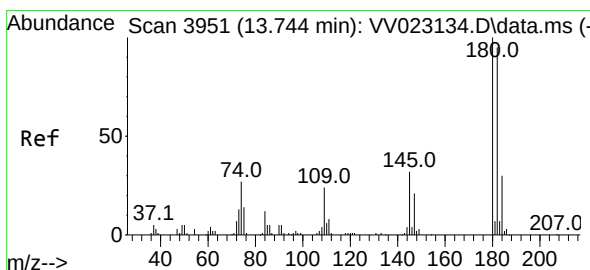
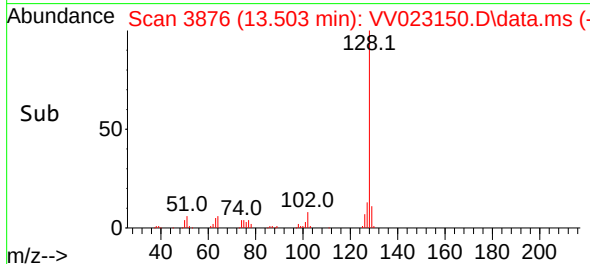
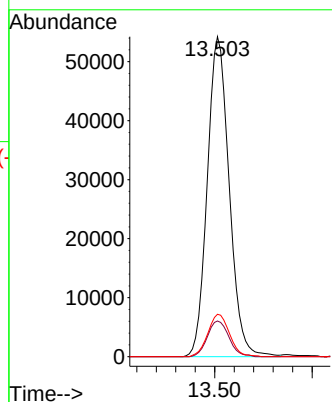
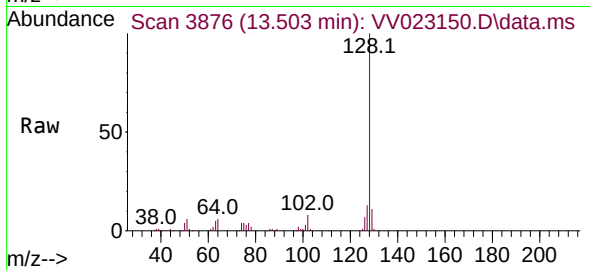
Tgt Ion:128 Resp: 84799

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.1 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 5.127 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023150.D

Acq: 02 Nov 2021 15:54

Tgt Ion:180 Resp: 51976

Ion Ratio Lower Upper

180 100

182 93.7 76.7 115.1

145 32.5 25.7 38.5

