

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023707.D
 Acq On : 24 Nov 2021 17:51
 Operator : SY/MD
 Sample : M4821-09MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 26 01:55:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137487	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	133663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73674	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39276	3.480	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.600%	
7) Chloroethane-d5	1.568	69	33977	3.830	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.600%	
11) 1,1-Dichloroethene-d2	2.111	63	77622	3.902	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.000%	
20) 2-Butanone-d5	3.902	46	61542	45.358	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.720%	
24) Chloroform-d	4.349	84	82888	4.217	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
26) 1,2-Dichloroethane-d4	5.034	65	39739	4.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
32) Benzene-d6	5.053	84	155152	4.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
36) 1,2-Dichloropropane-d6	6.072	67	44273	4.337	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.800%	
41) Toluene-d8	7.316	98	145019	4.263	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	7.622	79	17649	4.289	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.091	63	74601	54.571	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.140%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36612	4.984	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	57443	4.410	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	63621	4.877	ug/L	99
3) Chloromethane	1.240	50	52598	4.638	ug/L	95
5) Vinyl chloride	1.310	62	58375	4.902	ug/L	98
6) Bromomethane	1.523	94	24766	3.667	ug/L	99
8) Chloroethane	1.587	64	40041	5.306	ug/L	98
9) Trichlorofluoromethane	1.754	101	96619	4.979	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	49142	5.053	ug/L	98
12) 1,1-Dichloroethene	2.121	96	47254	5.130	ug/L	96
13) Acetone	2.195	43	33103	27.113	ug/L	65
14) Carbon disulfide	2.297	76	152948	4.940	ug/L	98
15) Methyl Acetate	2.442	43	11096	4.004	ug/L	91
16) Methylene chloride	2.510	84	50174	3.817	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	6292915	333.356	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	53771	5.125	ug/L	94
19) 1,1-Dichloroethane	3.191	63	89867	5.094	ug/L	99
21) 2-Butanone	3.985	43	60940	39.435	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	67272	6.686	ug/L	95
23) Bromochloromethane	4.249	128	24241	5.133	ug/L	96
25) Chloroform	4.378	83	96943	4.932	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023707.D
 Acq On : 24 Nov 2021 17:51
 Operator : SY/MD
 Sample : M4821-09MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

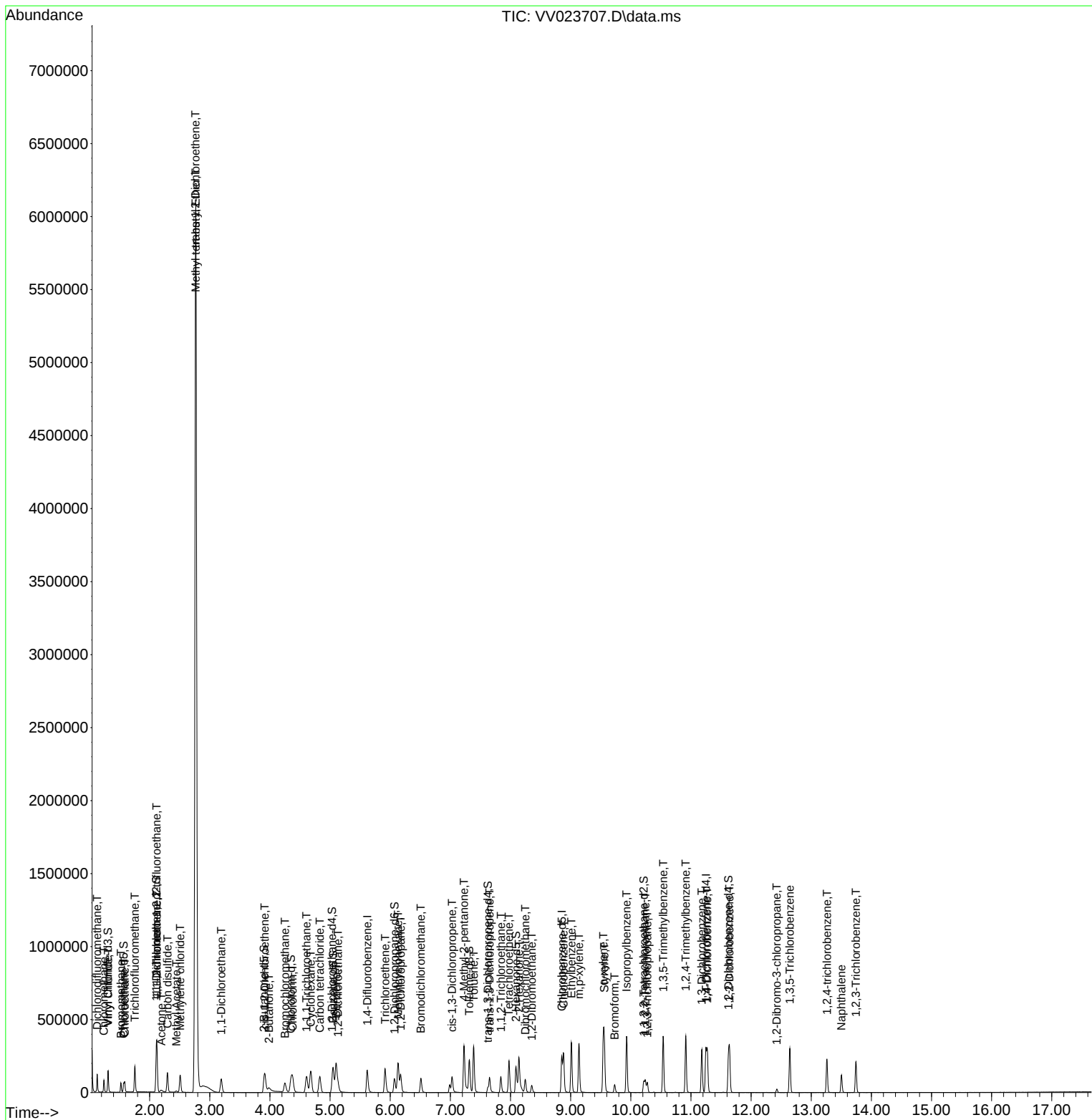
Instrument :
 MSVOA_V
 ClientSampleId :

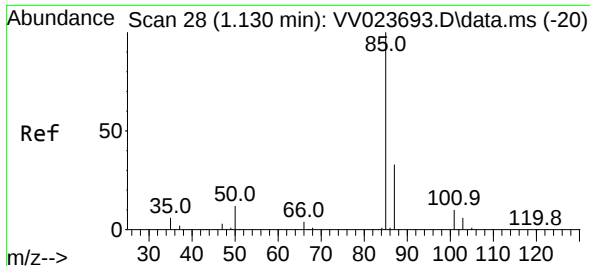
Quant Time: Nov 26 01:55:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	52724	5.046	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	90382	5.174	ug/L	100
30) Cyclohexane	4.677	56	77033	5.285	ug/L	100
31) Carbon tetrachloride	4.828	117	82108	5.132	ug/L	99
33) Benzene	5.101	78	202497	5.314	ug/L	100
34) Trichloroethene	5.915	95	56292	5.515	ug/L	98
35) Methylcyclohexane	6.133	83	84135	5.287	ug/L	98
37) 1,2-Dichloropropane	6.175	63	46462	5.129	ug/L	98
38) Bromodichloromethane	6.509	83	65886	5.359	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	66213	5.137	ug/L	96
40) 4-Methyl-2-pentanone	7.226	43	237756	54.986	ug/L	99
42) Toluene	7.387	91	231570	5.604	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	57856	5.340	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	33707	5.374	ug/L	96
47) Tetrachloroethene	7.976	164	48783	5.250	ug/L	99
48) 2-Hexanone	8.140	43	170275	53.280	ug/L	99
49) Dibromochloromethane	8.246	129	46049	5.358	ug/L	99
50) 1,2-Dibromoethane	8.352	107	32781	5.360	ug/L	95
51) Chlorobenzene	8.882	112	145501	5.311	ug/L	99
52) Ethylbenzene	9.011	91	235860	5.460	ug/L	99
53) m,p-xylene	9.140	106	94974	5.524	ug/L	99
54) o-xylene	9.545	106	91765	5.613	ug/L	95
55) Styrene	9.561	104	157316	5.710	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	38539	5.523	ug/L	98
59) Bromoform	9.731	173	25707	5.283	ug/L	98
60) Isopropylbenzene	9.931	105	243848	5.543	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	27146	5.195	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	204820	5.595	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	205927	5.689	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	122552	5.449	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	120175	5.316	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	108316	5.262	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5769	5.560	ug/L	87
69) 1,3,5-Trichlorobenzene	12.644	180	91331	5.201	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	69625	5.110	ug/L	95
71) Naphthalene	13.503	128	96914	5.285	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	64203	5.438	ug/L	98

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

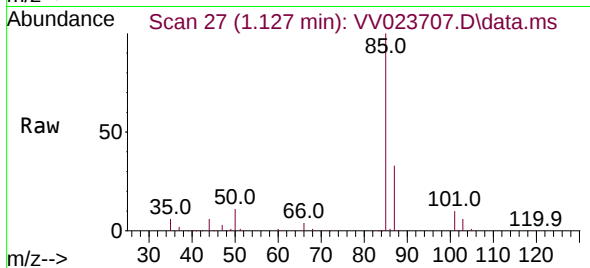
Quant Time: Nov 26 01:55:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 26 01:51:50 2021
Response via : Initial Calibration



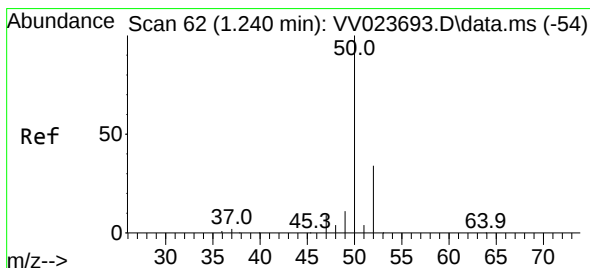
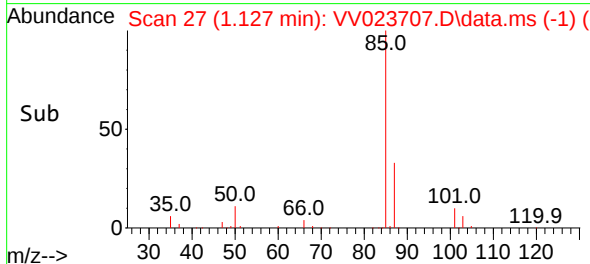
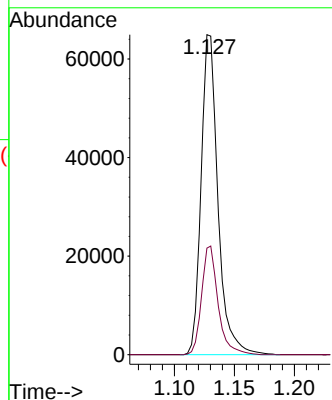


#2
 Dichlorodifluoromethane
 Concen: 4.877 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV023707.D
 Acq: 24 Nov 2021 17:51

Instrument :
 MSVOA_V
 ClientSampleId :

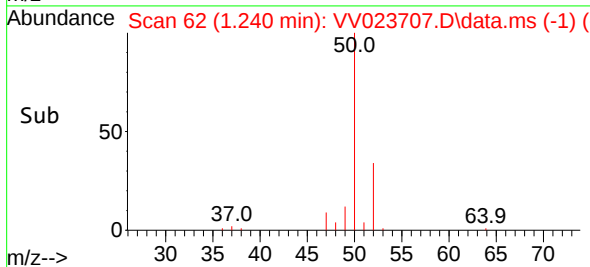
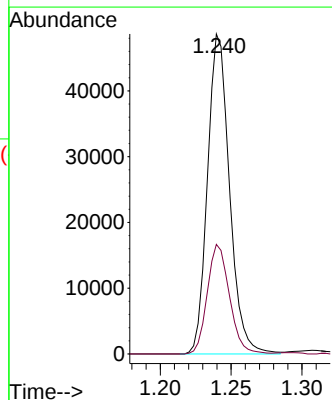
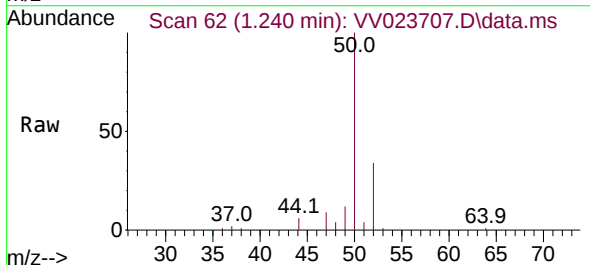


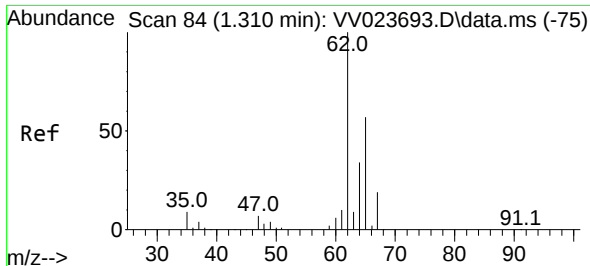
Tgt Ion: 85 Resp: 63621
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.0 39.0



#3
 Chloromethane
 Concen: 4.638 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023707.D
 Acq: 24 Nov 2021 17:51

Tgt Ion: 50 Resp: 52598
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.0 41.0

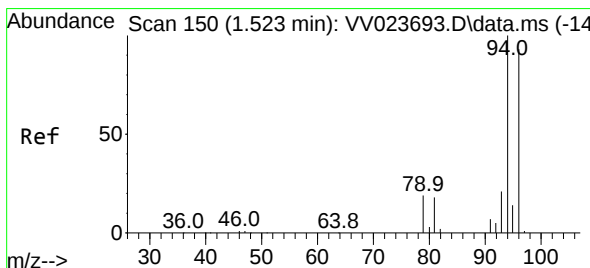
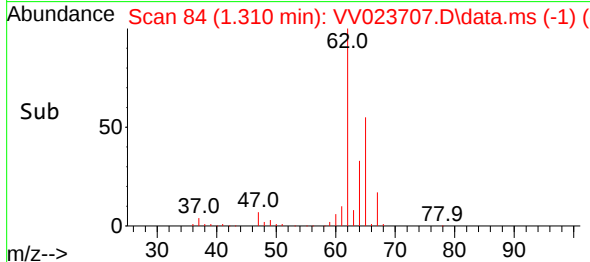
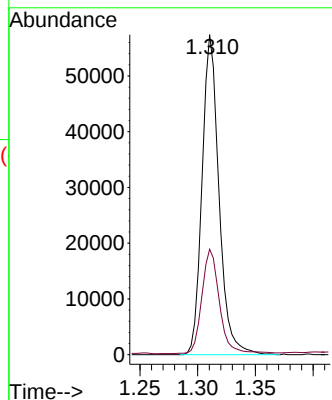
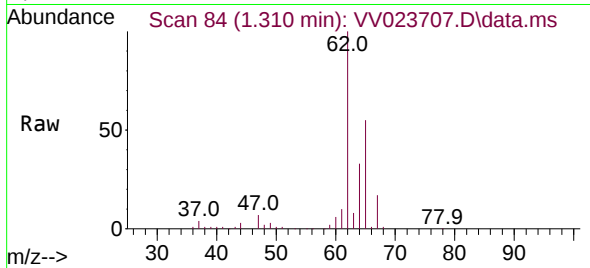




#5
 Vinyl chloride
 Concen: 4.902 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023707.D
 Acq: 24 Nov 2021 17:51

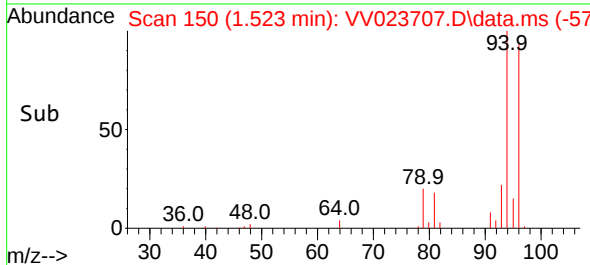
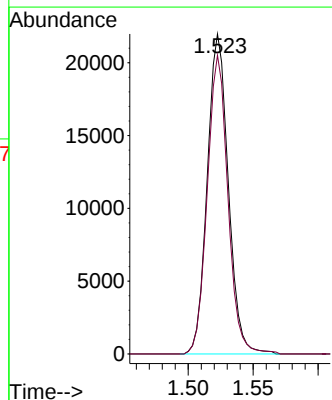
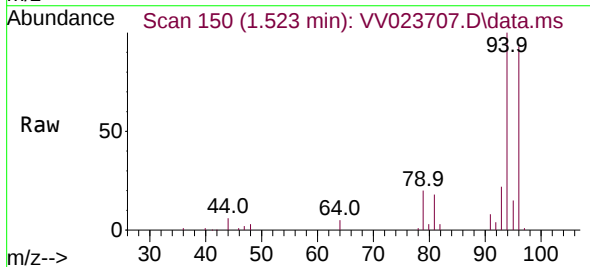
Instrument :
 MSVOA_V
 ClientSampleId :

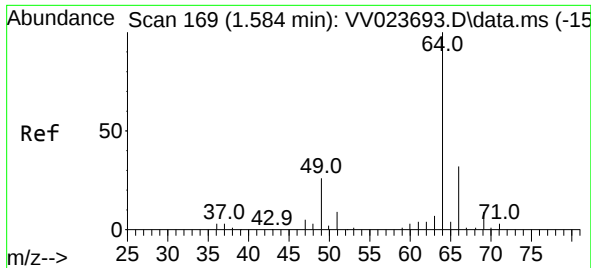
Tgt Ion: 62 Resp: 58375
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.4 41.6



#6
 Bromomethane
 Concen: 3.667 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023707.D
 Acq: 24 Nov 2021 17:51

Tgt Ion: 94 Resp: 24766
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.2 123.0

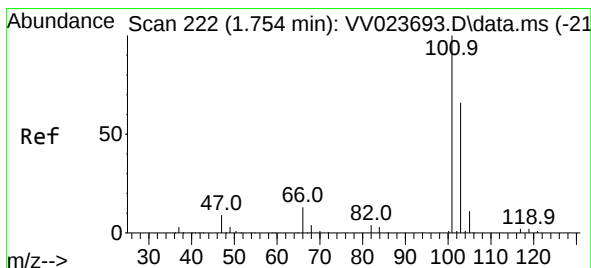
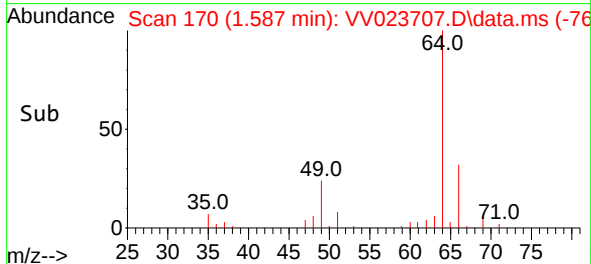
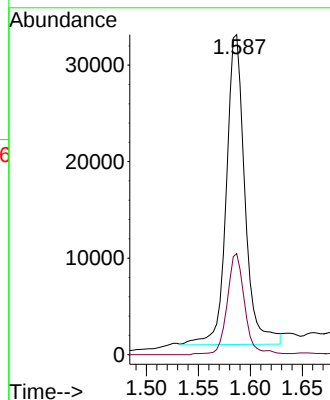
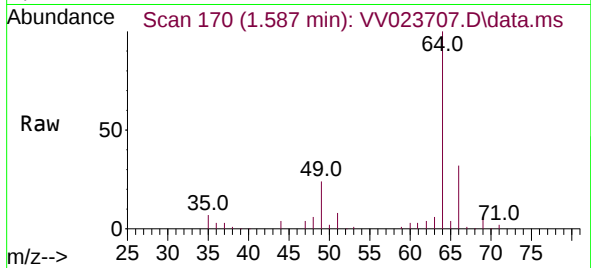




#8
Chloroethane
Concen: 5.306 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

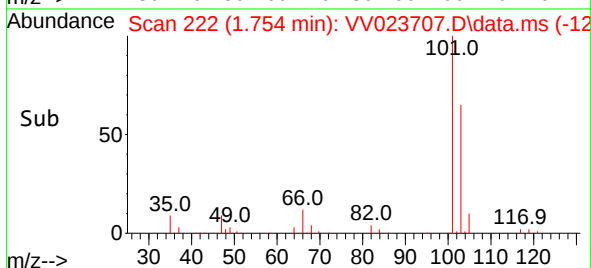
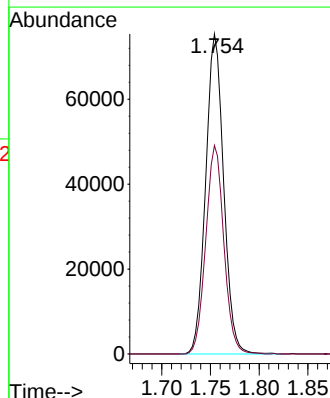
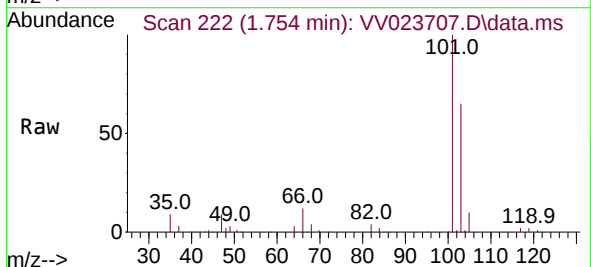
Instrument :
MSVOA_V
ClientSampleId :

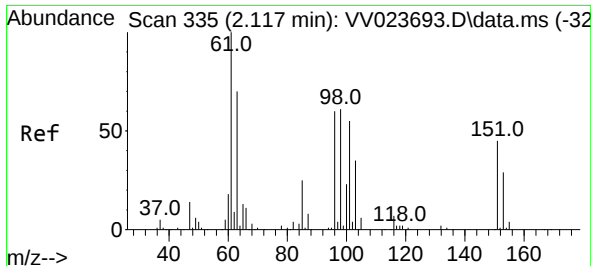
Tgt Ion: 64 Resp: 40041
Ion Ratio Lower Upper
64 100
66 31.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.979 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

Tgt Ion:101 Resp: 96619
Ion Ratio Lower Upper
101 100
103 65.7 51.6 77.4

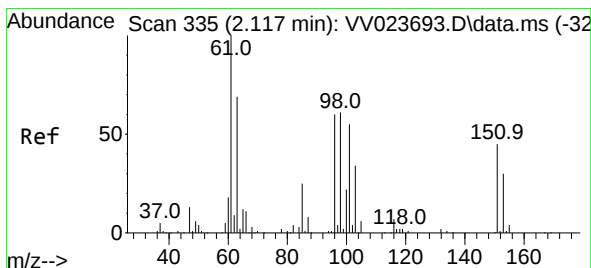
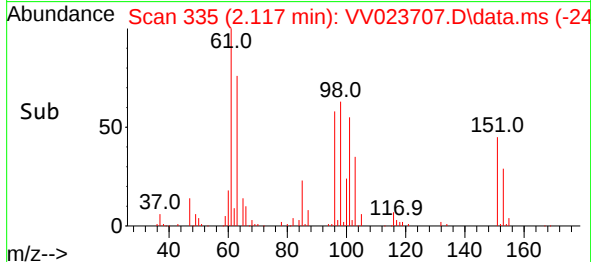
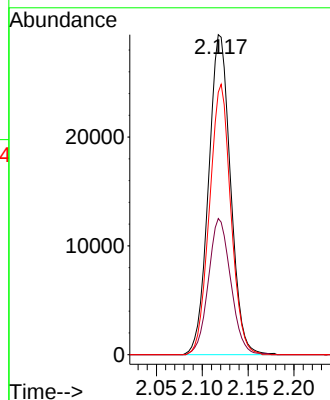
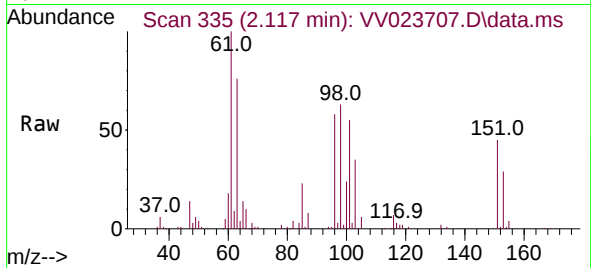




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.053 ug/L
 RT: 2.117 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV023707.D
 Acq: 24 Nov 2021 17:51

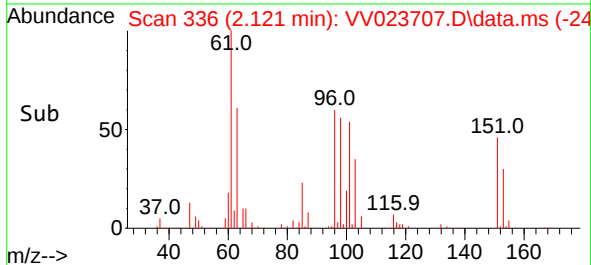
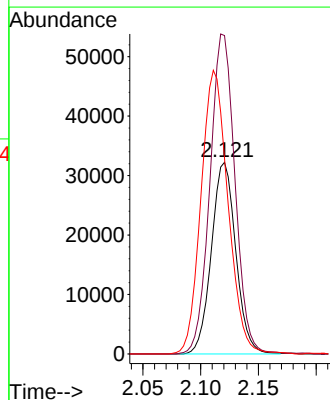
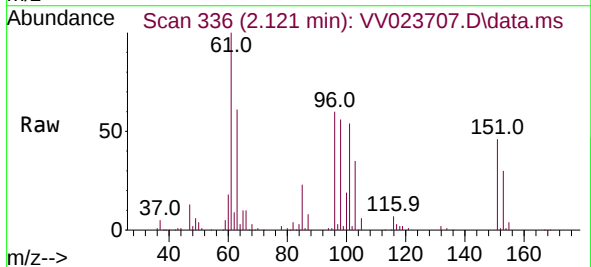
Instrument :
 MSVOA_V
 ClientSampleId :

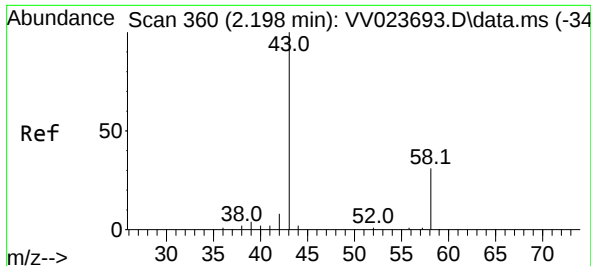
Tgt Ion:101 Resp: 49142
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.0 54.0
 151 82.0 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.130 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023707.D
 Acq: 24 Nov 2021 17:51

Tgt Ion: 96 Resp: 47254
 Ion Ratio Lower Upper
 96 100
 61 166.2 116.1 215.5
 63 102.1 79.4 147.4





#13

Acetone

Concen: 27.113 ug/L

RT: 2.195 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

Instrument :

MSVOA_V

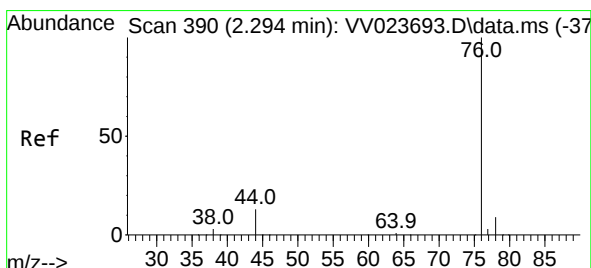
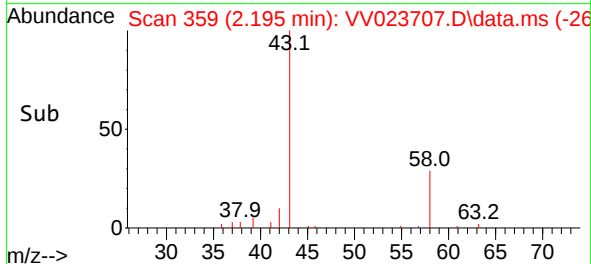
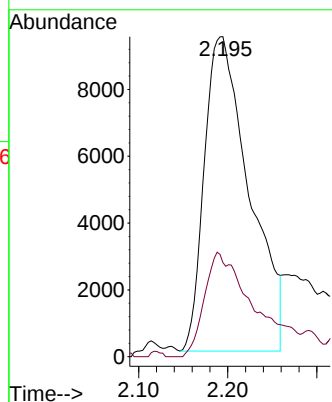
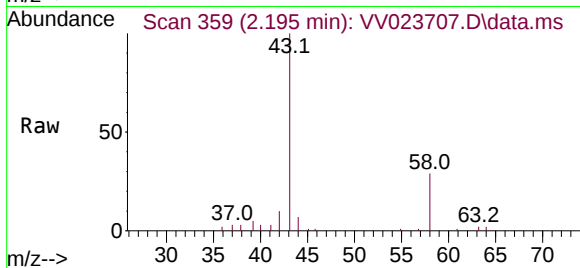
ClientSampleId :

Tgt Ion: 43 Resp: 33103

Ion Ratio Lower Upper

43 100

58 36.9 0.0 41.4



#14

Carbon disulfide

Concen: 4.940 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV023707.D

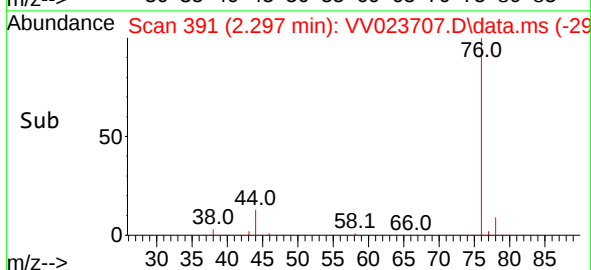
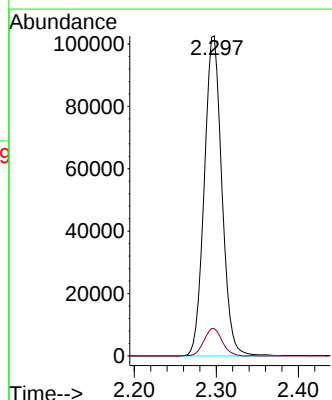
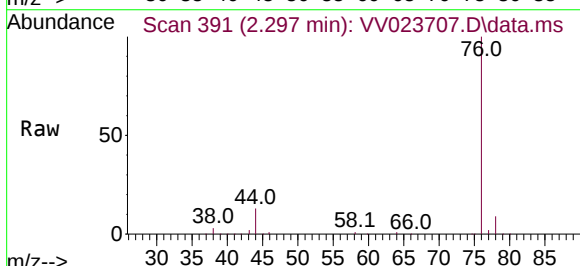
Acq: 24 Nov 2021 17:51

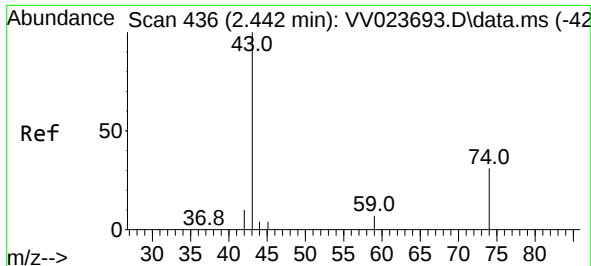
Tgt Ion: 76 Resp: 152948

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3

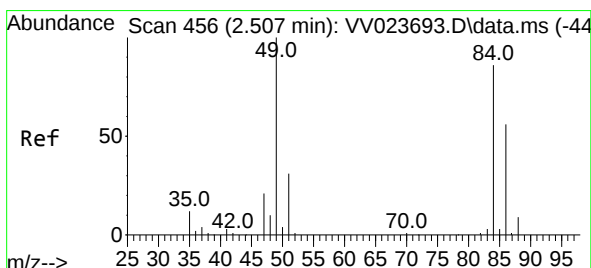
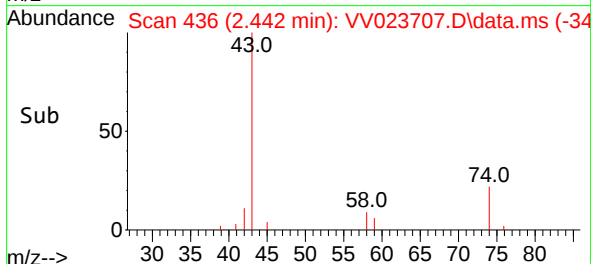
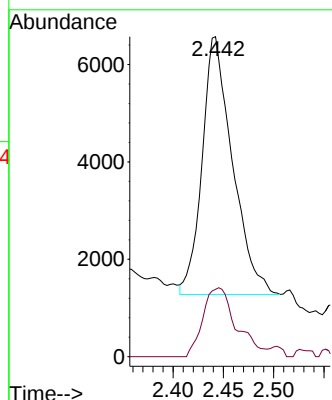
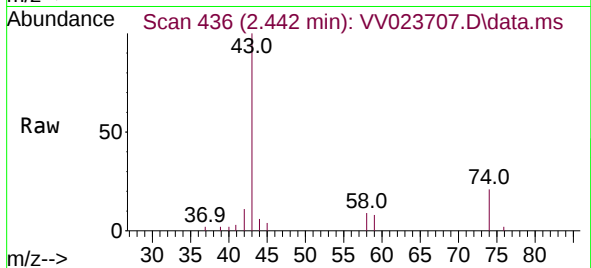




#15
Methyl Acetate
Concen: 4.004 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

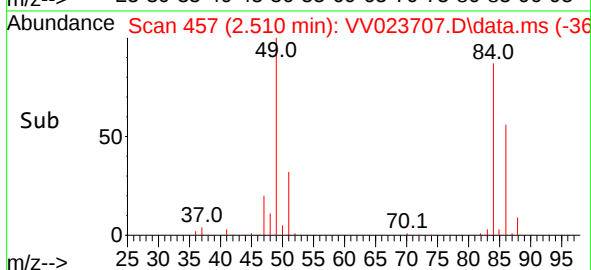
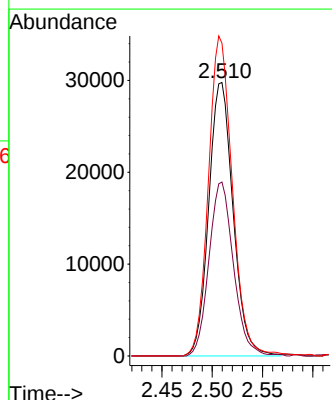
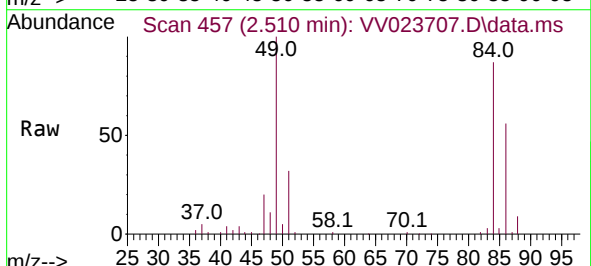
Instrument :
MSVOA_V
ClientSampleId :

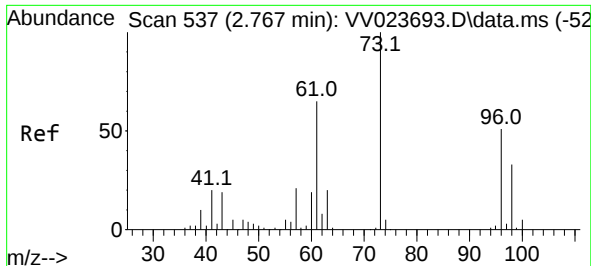
Tgt Ion: 43 Resp: 11096
Ion Ratio Lower Upper
43 100
74 29.6 20.2 30.2



#16
Methylene chloride
Concen: 3.817 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

Tgt Ion: 84 Resp: 50174
Ion Ratio Lower Upper
84 100
86 63.6 42.6 79.0
49 114.4 79.7 147.9



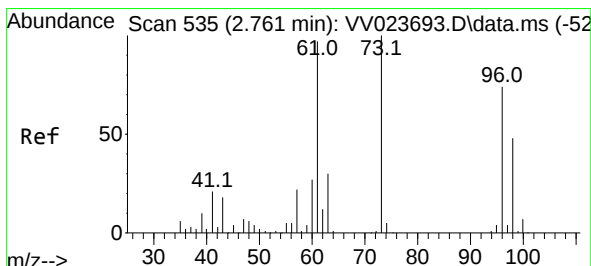
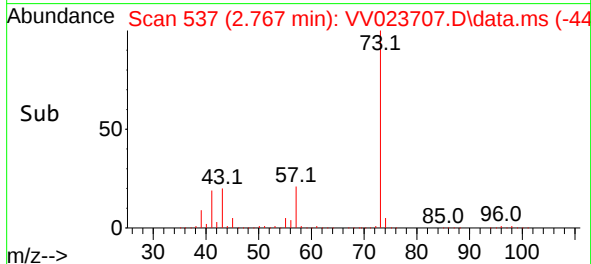
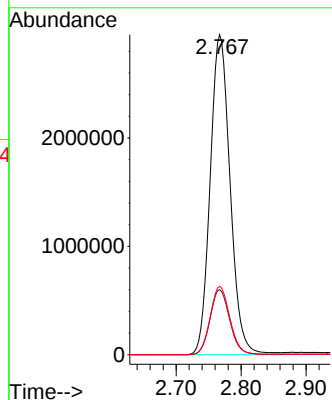
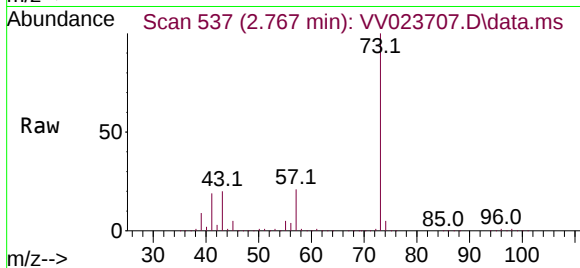


#17
Methyl tert-butyl Ether
Concen: 333.356 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 6292915

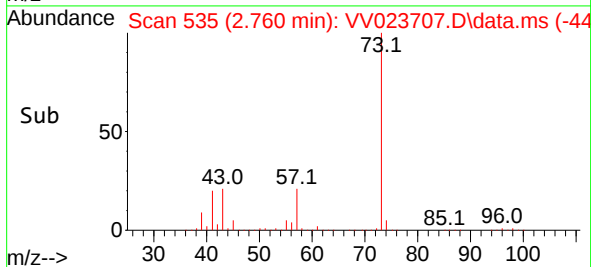
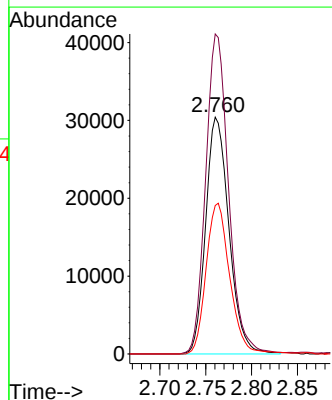
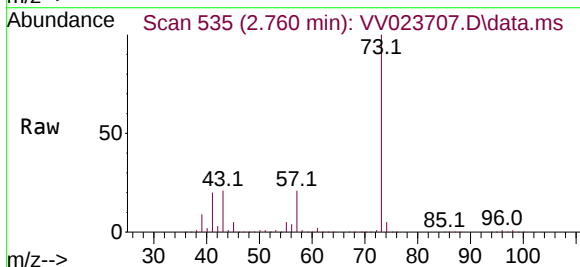
Ion	Ratio	Lower	Upper
73	100		
43	20.0	15.5	23.3
57	21.1	17.1	25.7

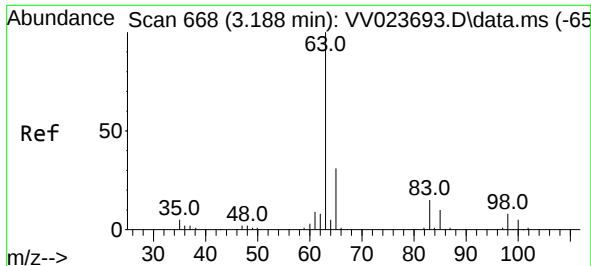


#18
trans-1,2-Dichloroethene
Concen: 5.125 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

Tgt Ion: 96 Resp: 53771

Ion	Ratio	Lower	Upper
96	100		
61	135.2	88.2	163.8
98	62.7	44.9	83.5





#19

1,1-Dichloroethane

Concen: 5.094 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

Instrument :

MSVOA_V

ClientSampleId :

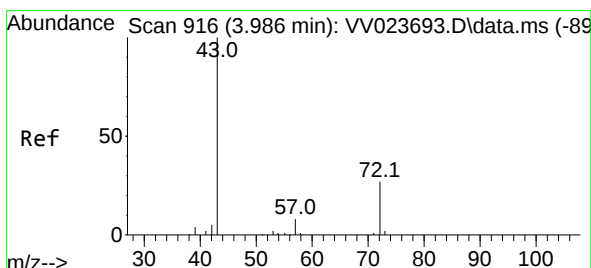
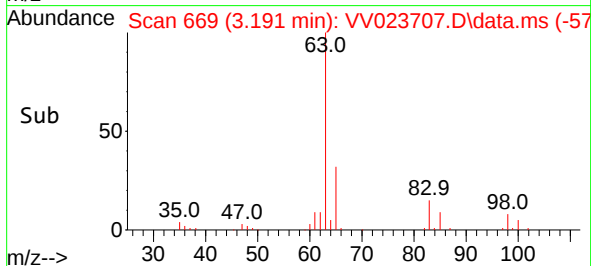
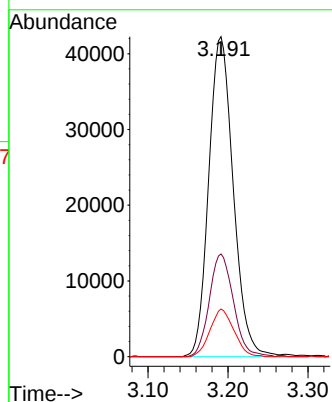
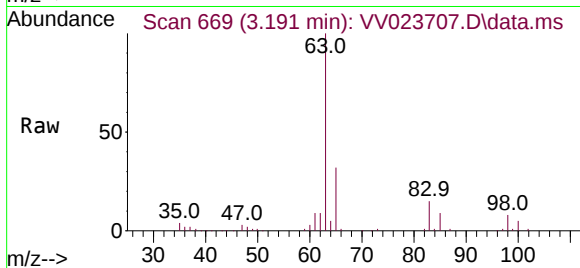
Tgt Ion: 63 Resp: 89867

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.3

83 14.9 10.7 19.9



#21

2-Butanone

Concen: 39.435 ug/L

RT: 3.985 min Scan# 916

Delta R.T. -0.000 min

Lab File: VV023707.D

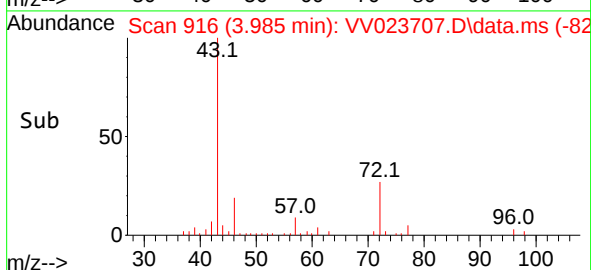
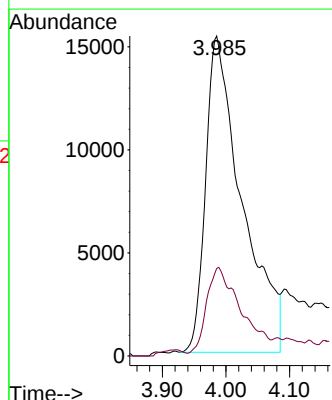
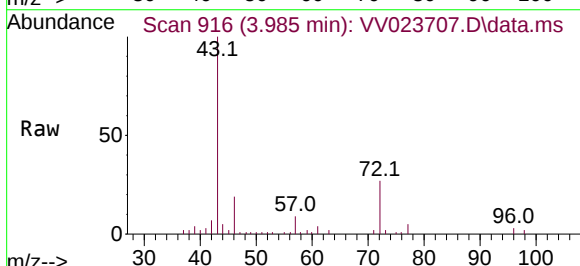
Acq: 24 Nov 2021 17:51

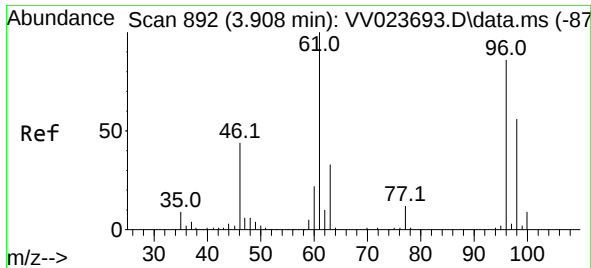
Tgt Ion: 43 Resp: 60940

Ion Ratio Lower Upper

43 100

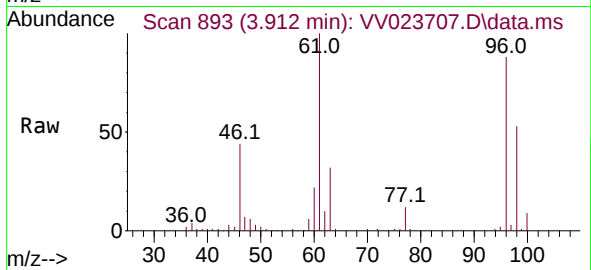
72 25.7 11.1 33.1



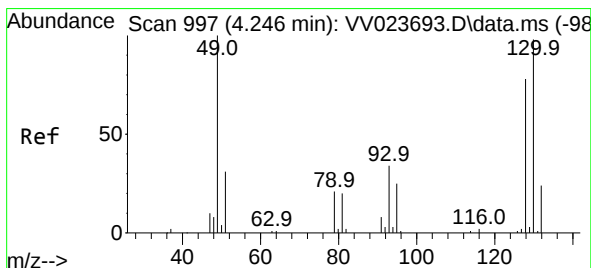
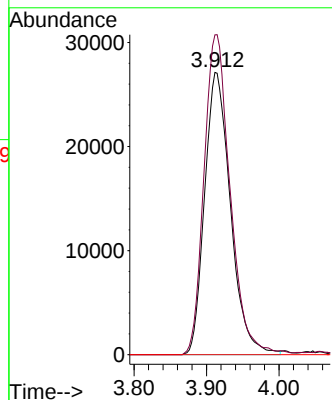
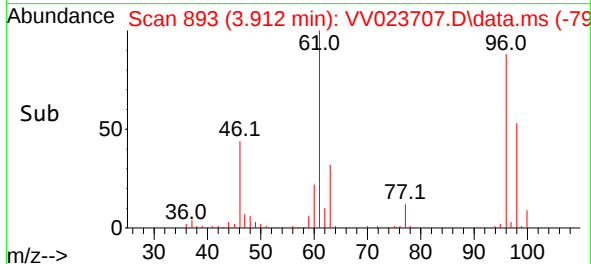


#22
 cis-1,2-Dichloroethene
 Concen: 6.686 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV023707.D
 Acq: 24 Nov 2021 17:51

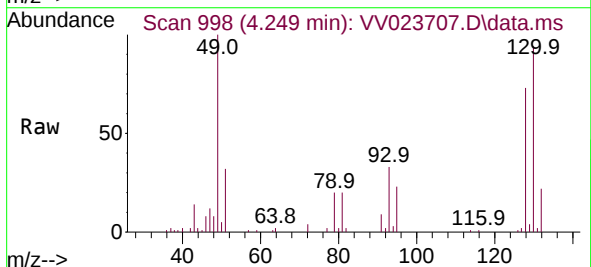
Instrument :
 MSVOA_V
 ClientSampleId :



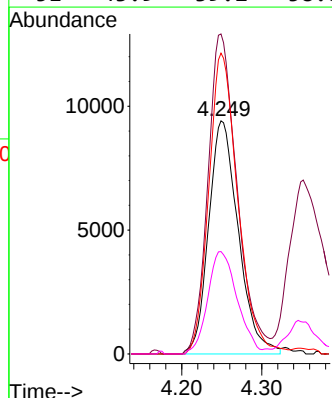
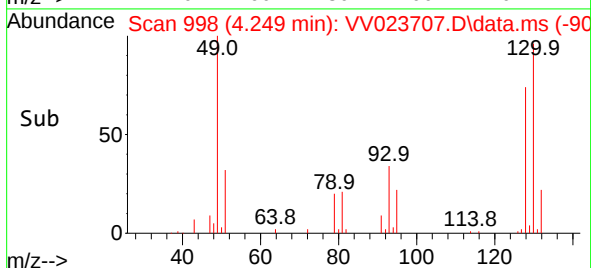
Tgt Ion: 96 Resp: 67272
 Ion Ratio Lower Upper
 96 100
 61 113.3 83.4 154.8
 68 0.0 0.0 0.0

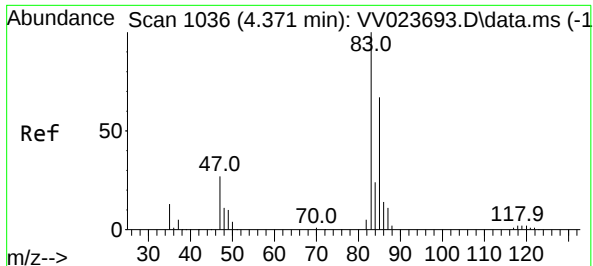


#23
 Bromochloromethane
 Concen: 5.133 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV023707.D
 Acq: 24 Nov 2021 17:51



Tgt Ion: 128 Resp: 24241
 Ion Ratio Lower Upper
 128 100
 49 137.3 100.2 186.2
 130 129.0 92.5 171.7
 51 43.9 39.2 58.8





#25

Chloroform

Concen: 4.932 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

Instrument :

MSVOA_V

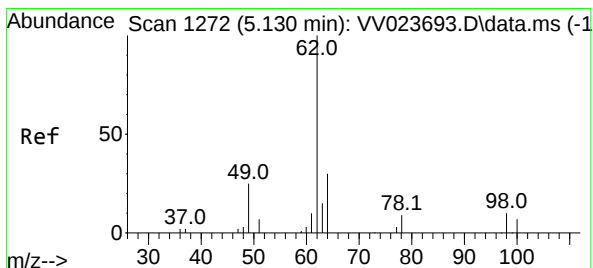
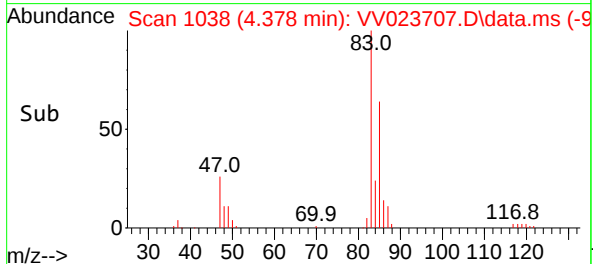
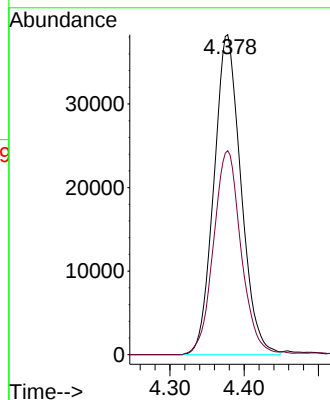
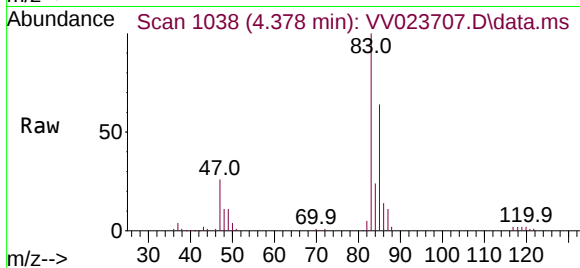
ClientSampleId :

Tgt Ion: 83 Resp: 96943

Ion Ratio Lower Upper

83 100

85 63.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.046 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV023707.D

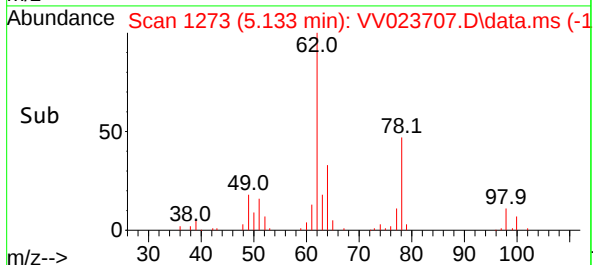
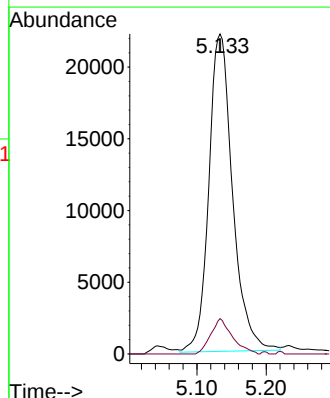
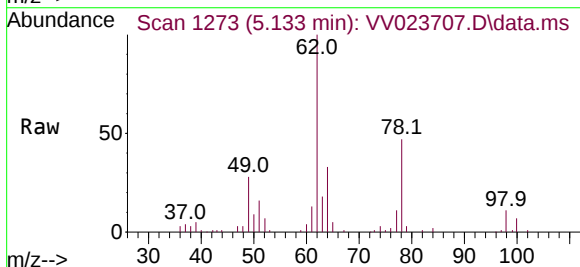
Acq: 24 Nov 2021 17:51

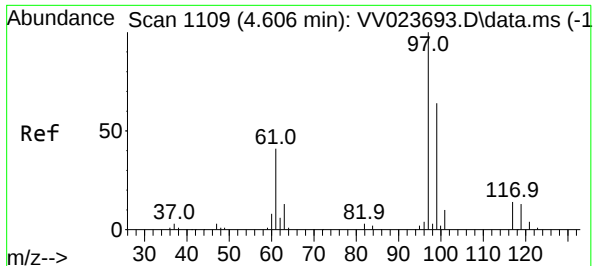
Tgt Ion: 62 Resp: 52724

Ion Ratio Lower Upper

62 100

98 11.1 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.174 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

Instrument :

MSVOA_V

ClientSampleId :

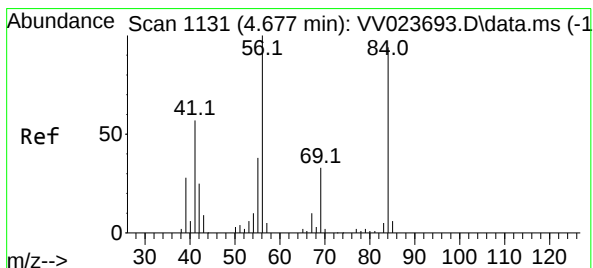
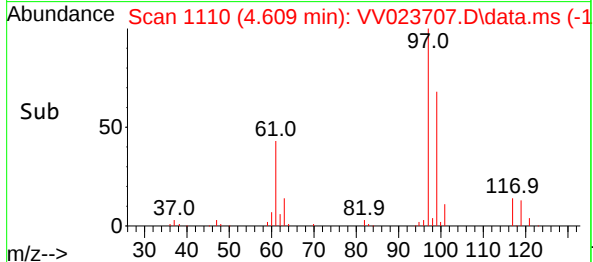
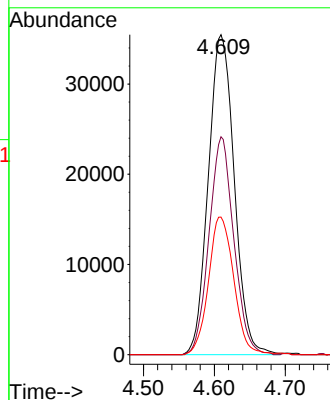
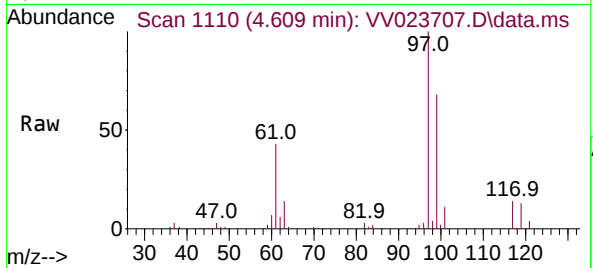
Tgt Ion: 97 Resp: 90382

Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 41.9 33.2 49.8



#30

Cyclohexane

Concen: 5.285 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

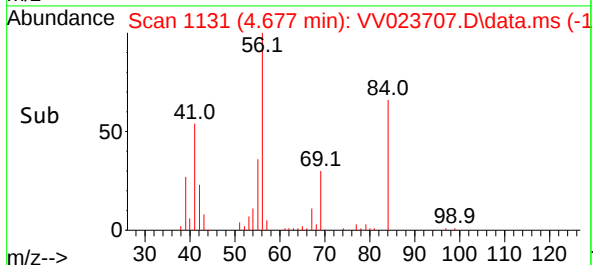
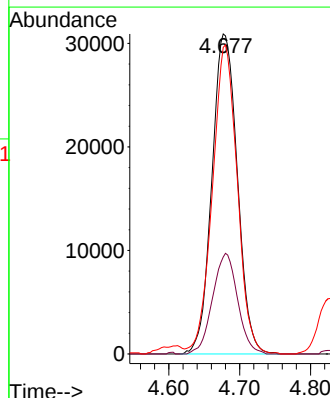
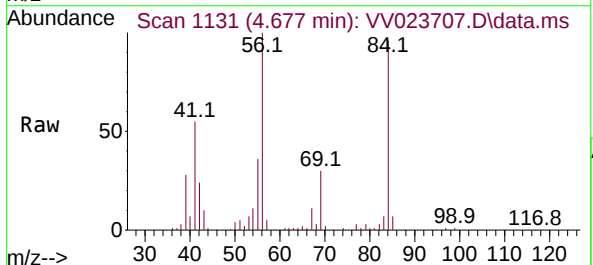
Tgt Ion: 56 Resp: 77033

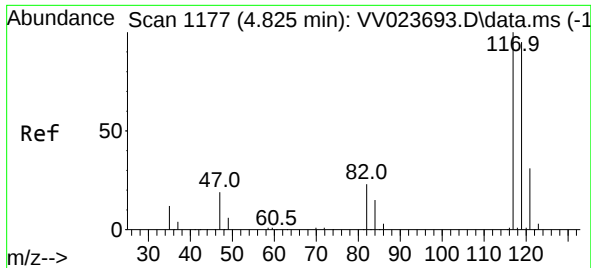
Ion Ratio Lower Upper

56 100

69 30.9 24.8 37.2

84 94.5 75.9 113.9

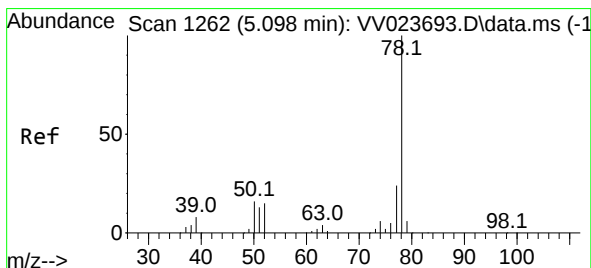
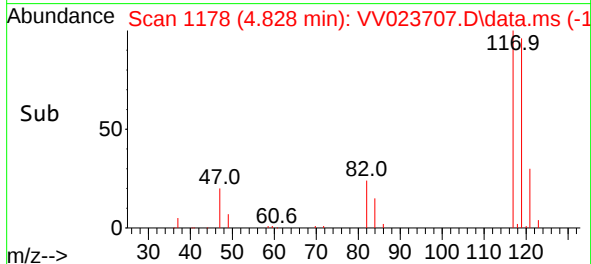
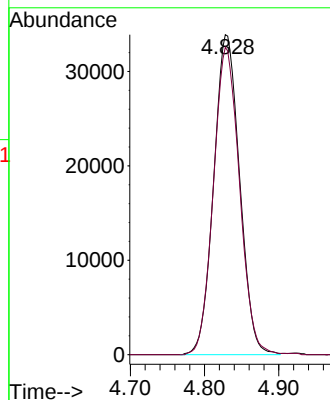
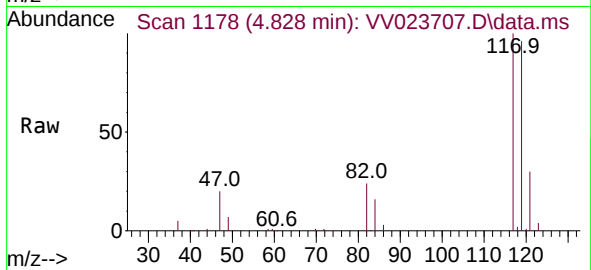




#31
Carbon tetrachloride
Concen: 5.132 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

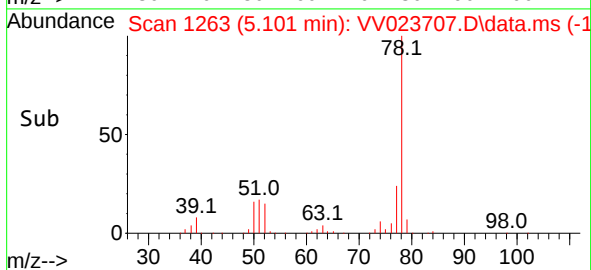
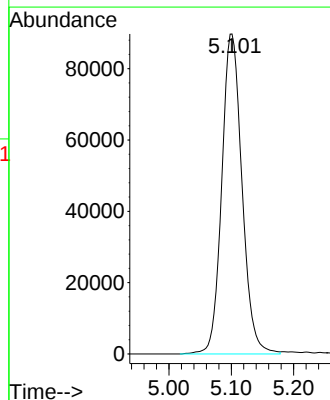
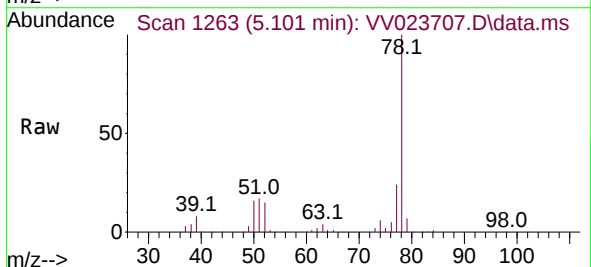
Instrument :
MSVOA_V
ClientSampleId :

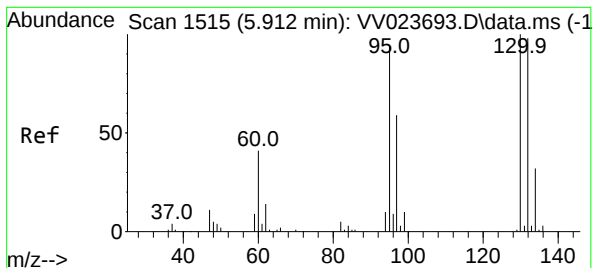
Tgt Ion:117 Resp: 82108
Ion Ratio Lower Upper
117 100
119 96.9 76.6 114.8



#33
Benzene
Concen: 5.314 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

Tgt Ion: 78 Resp: 202497





#34

Trichloroethene

Concen: 5.515 ug/L

RT: 5.915 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 56292

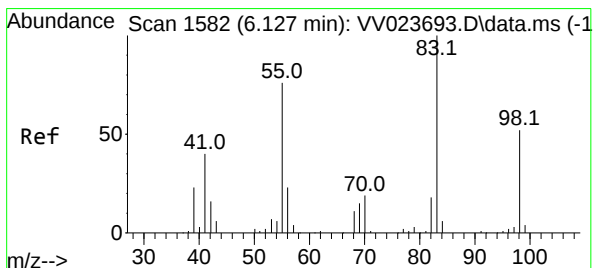
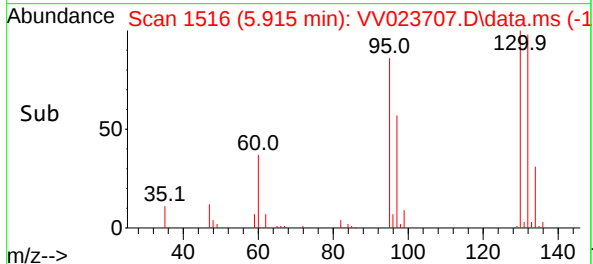
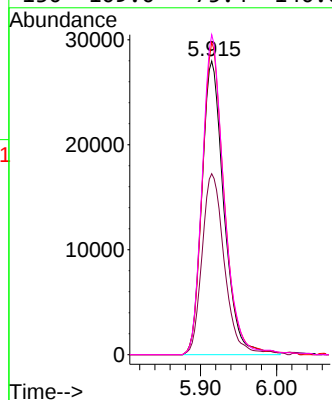
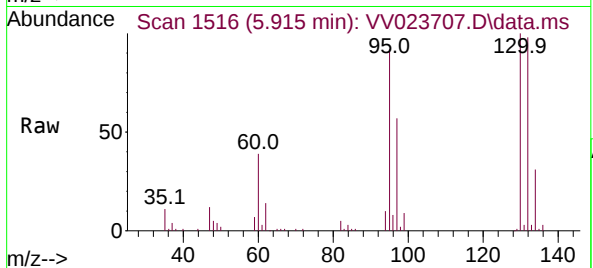
Ion Ratio Lower Upper

95 100

97 61.6 45.2 84.0

132 106.3 76.1 141.3

130 109.0 75.4 140.0



#35

Methylcyclohexane

Concen: 5.287 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.006 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

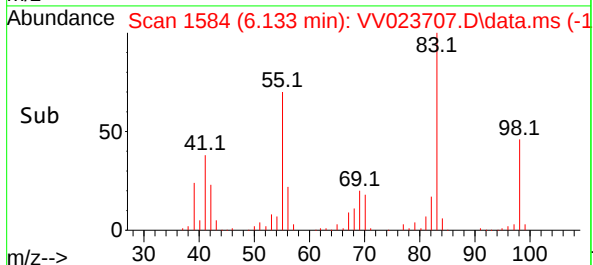
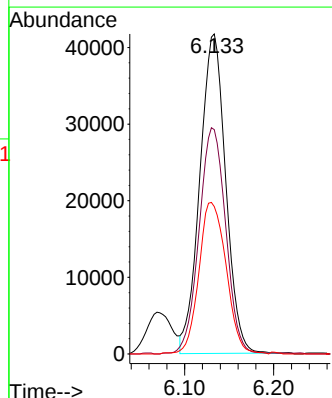
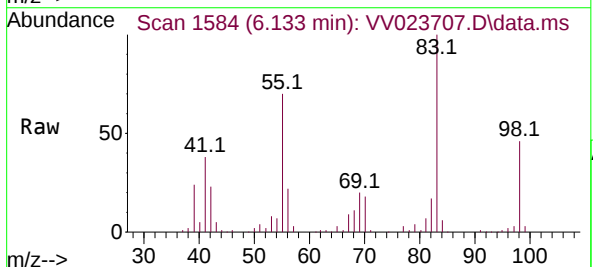
Tgt Ion: 83 Resp: 84135

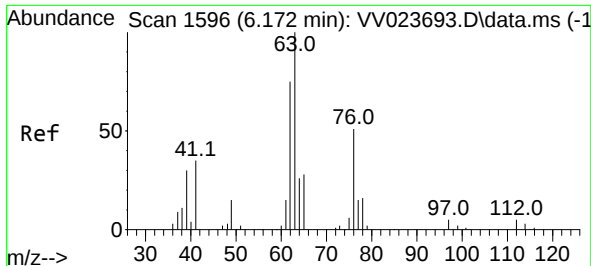
Ion Ratio Lower Upper

83 100

55 73.2 60.2 90.2

98 50.1 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.129 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

Instrument :

MSVOA_V

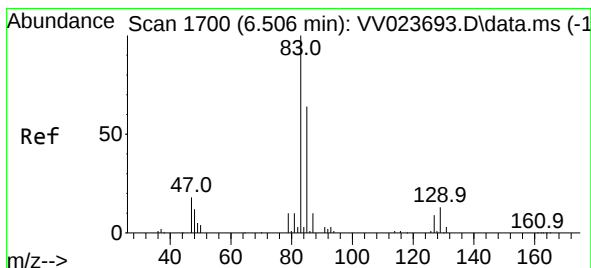
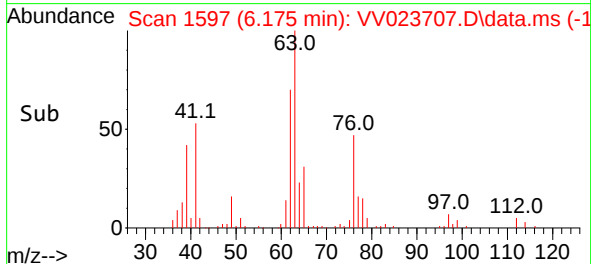
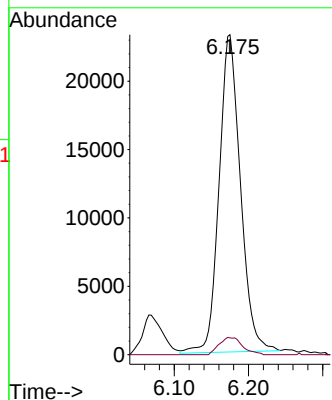
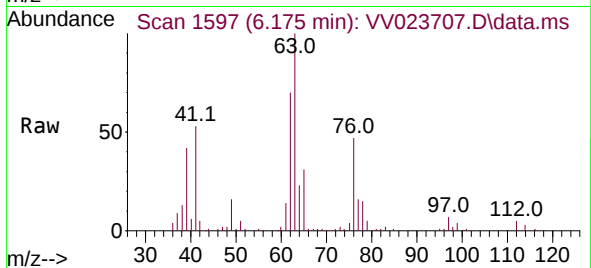
ClientSampleId :

Tgt Ion: 63 Resp: 46462

Ion Ratio Lower Upper

63 100

112 5.9 4.3 6.5



#38

Bromodichloromethane

Concen: 5.359 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

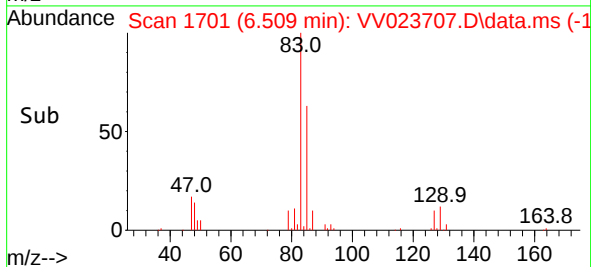
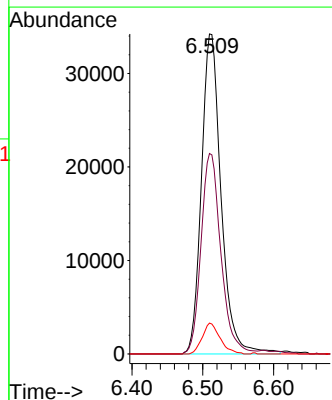
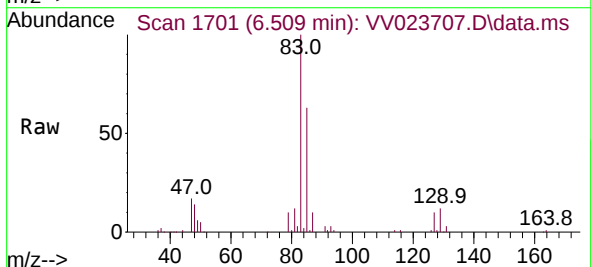
Tgt Ion: 83 Resp: 65886

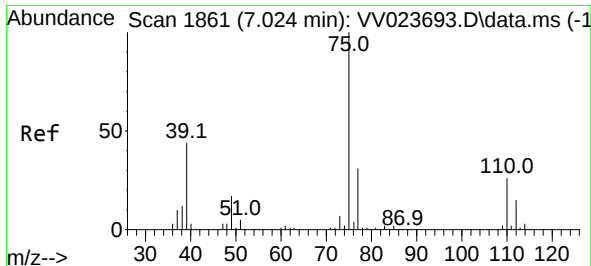
Ion Ratio Lower Upper

83 100

85 62.6 44.0 81.8

127 9.7 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.137 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

Instrument :

MSVOA_V

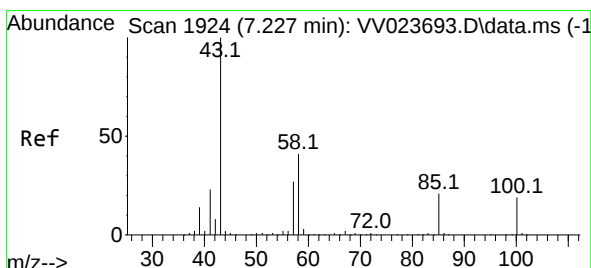
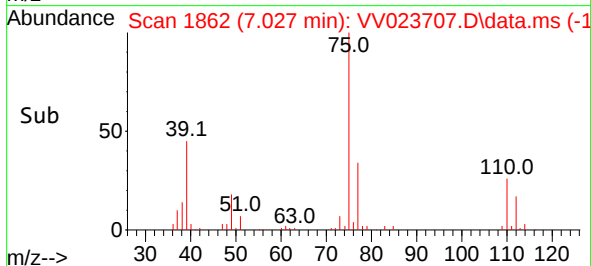
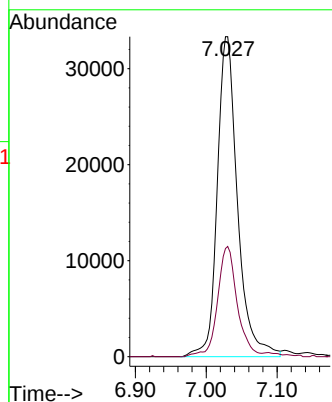
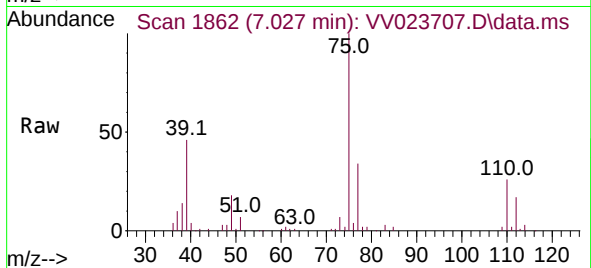
ClientSampleId :

Tgt Ion: 75 Resp: 66213

Ion Ratio Lower Upper

75 100

77 33.8 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 54.986 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

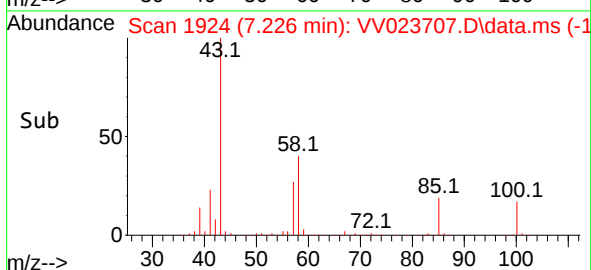
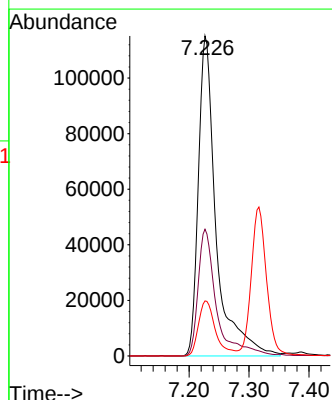
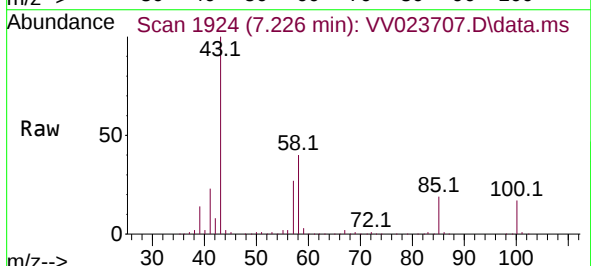
Tgt Ion: 43 Resp: 237756

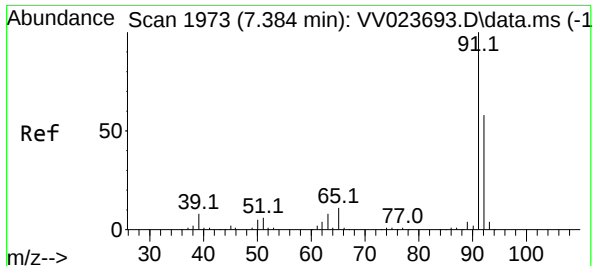
Ion Ratio Lower Upper

43 100

58 40.8 32.3 48.5

100 16.5 13.0 19.6

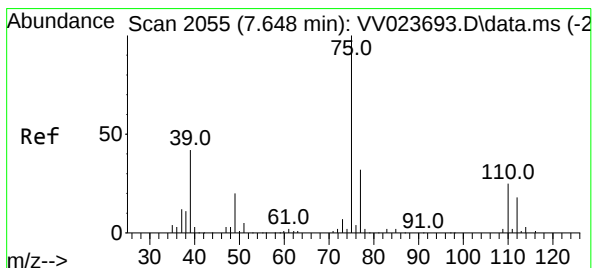
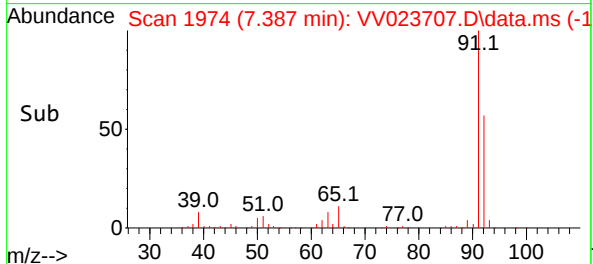
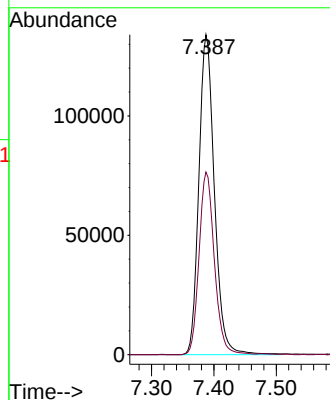
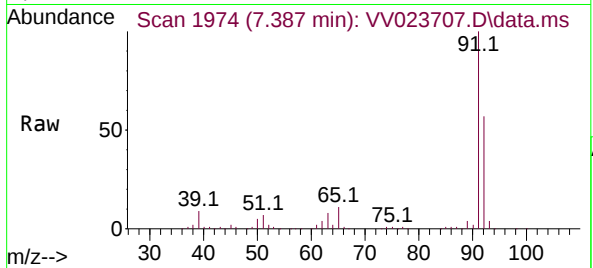




#42
Toluene
Concen: 5.604 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

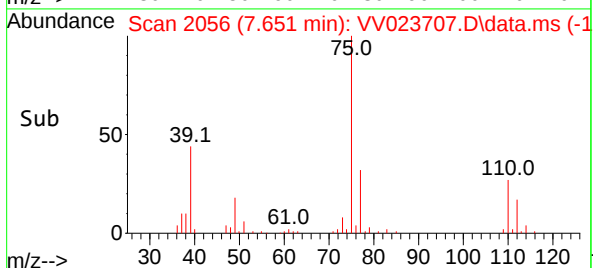
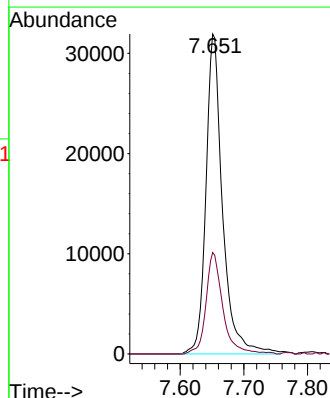
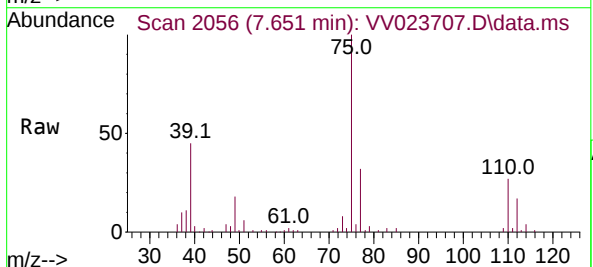
Instrument :
MSVOA_V
ClientSampleId :

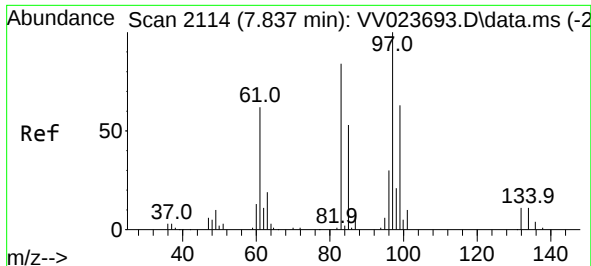
Tgt Ion: 91 Resp: 231570
Ion Ratio Lower Upper
91 100
92 57.1 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 5.340 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

Tgt Ion: 75 Resp: 57856
Ion Ratio Lower Upper
75 100
77 31.7 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.374 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

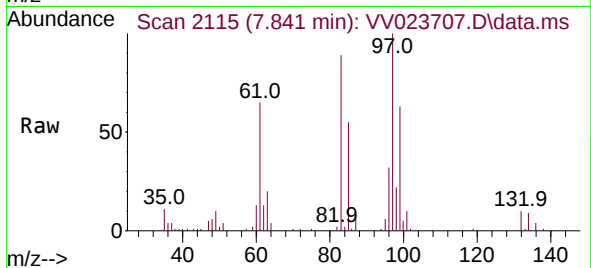
Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 33707

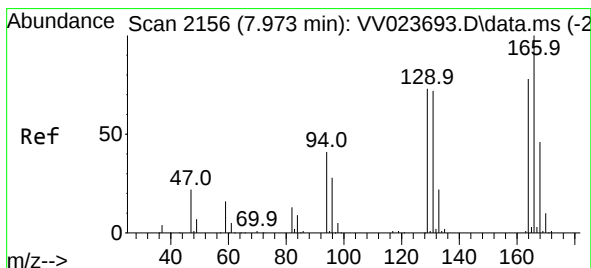
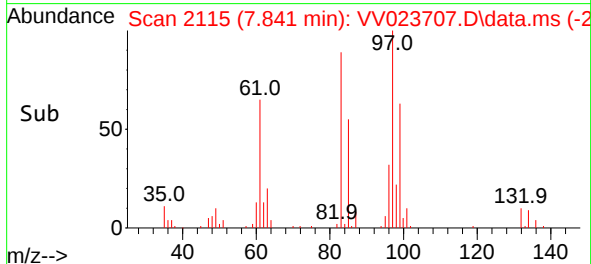
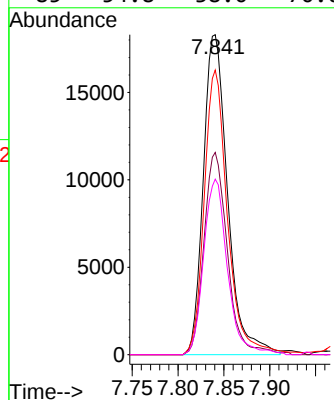
Ion Ratio Lower Upper

97 100

99 63.2 43.1 80.1

83 89.0 57.9 107.5

85 54.8 38.0 70.6



#47

Tetrachloroethene

Concen: 5.250 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

Tgt Ion: 164 Resp: 48783

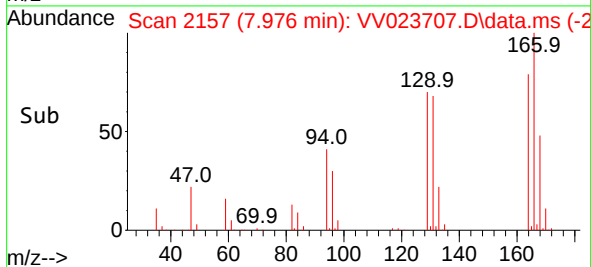
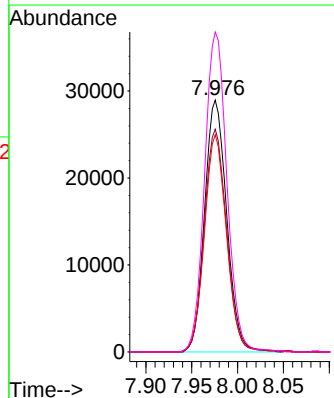
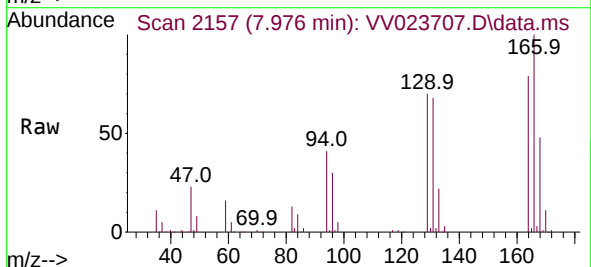
Ion Ratio Lower Upper

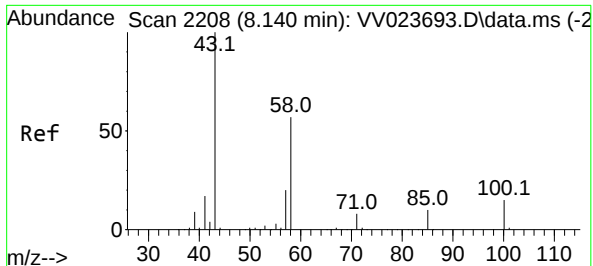
164 100

129 88.5 62.6 116.2

131 86.3 61.0 113.4

166 127.1 87.3 162.1

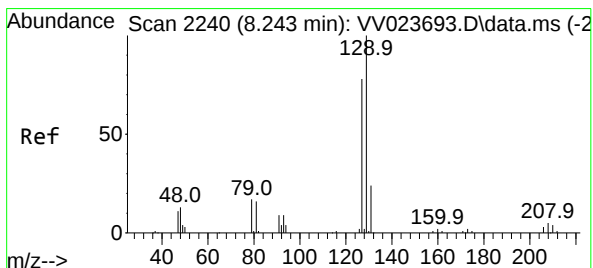
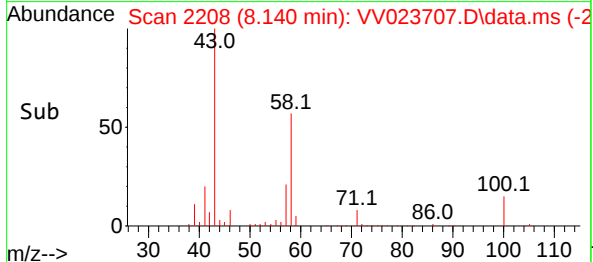
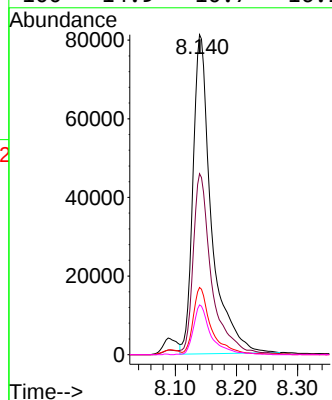
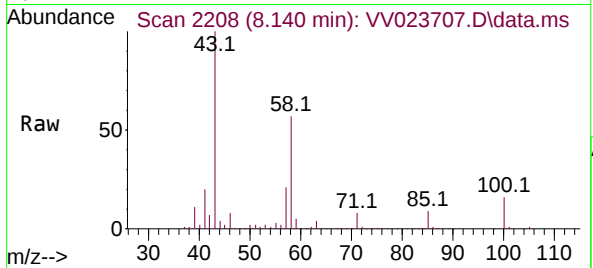




#48
2-Hexanone
Concen: 53.280 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

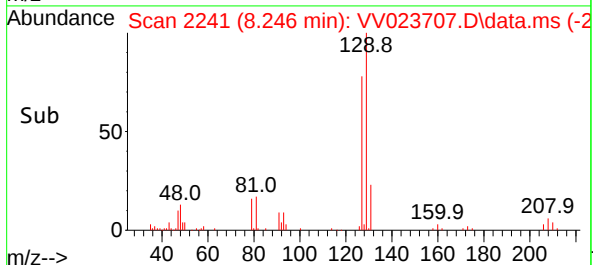
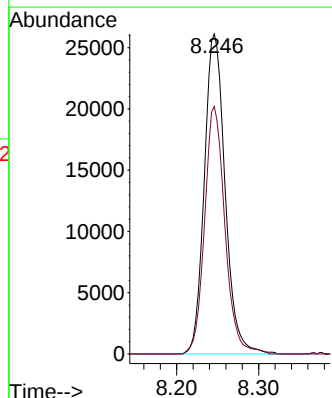
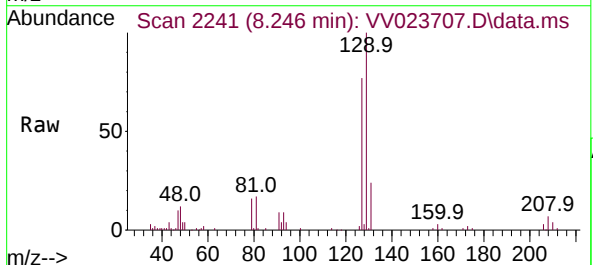
Instrument :
MSVOA_V
ClientSampleId :

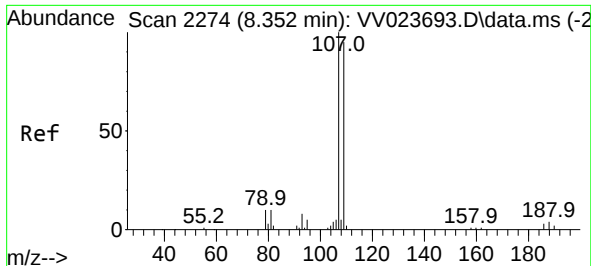
Tgt Ion: 43 Resp: 170275
Ion Ratio Lower Upper
43 100
58 55.3 44.5 66.7
57 20.1 15.1 22.7
100 14.9 10.7 16.1



#49
Dibromochloromethane
Concen: 5.358 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

Tgt Ion:129 Resp: 46049
Ion Ratio Lower Upper
129 100
127 77.3 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.360 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023707.D

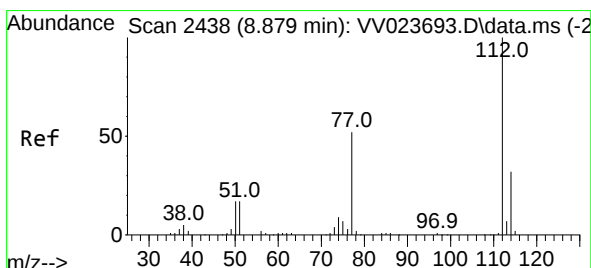
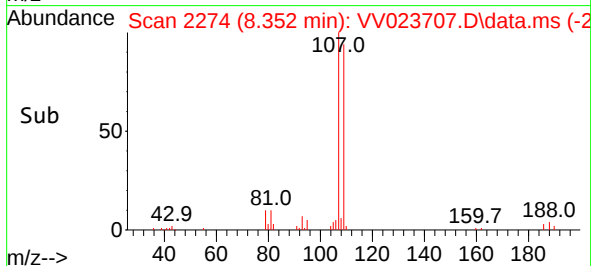
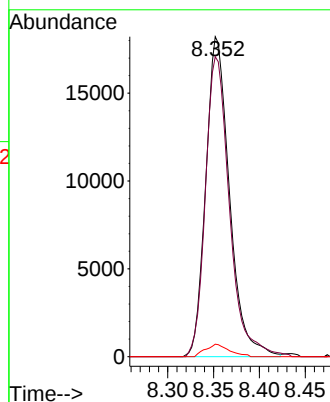
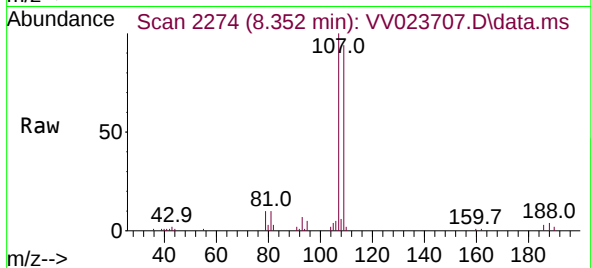
Acq: 24 Nov 2021 17:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	32781
Ion	Ratio	Lower	Upper
107	100		
109	93.8	62.5	116.1
188	3.9	3.4	5.2



#51

Chlorobenzene

Concen: 5.311 ug/L

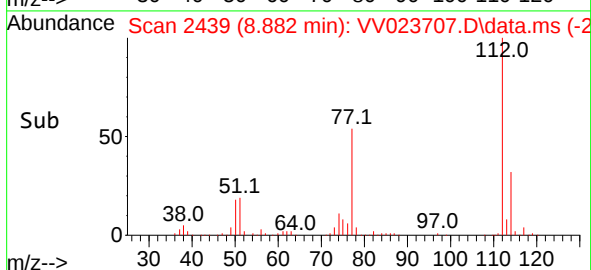
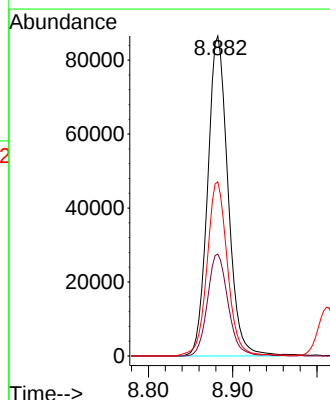
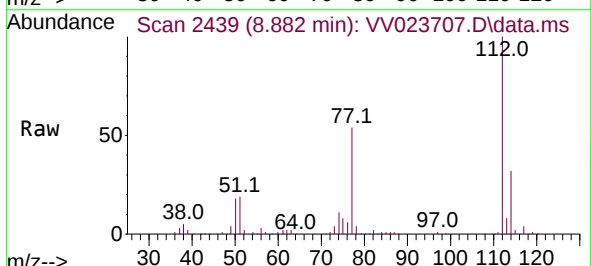
RT: 8.882 min Scan# 2439

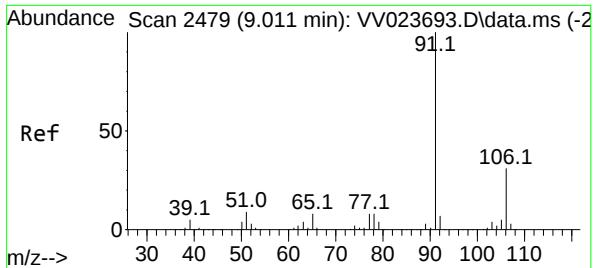
Delta R.T. 0.003 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

Tgt Ion:	112	Resp:	145501
Ion	Ratio	Lower	Upper
112	100		
114	31.9	23.3	43.3
77	54.4	43.3	64.9





#52

Ethylbenzene

Concen: 5.460 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

Instrument :

MSVOA_V

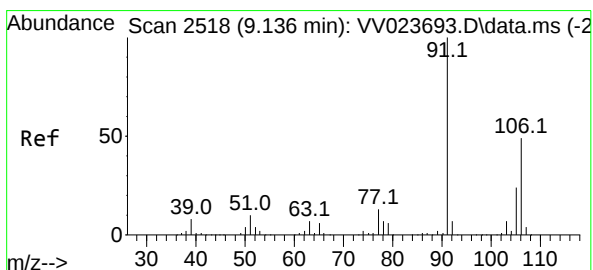
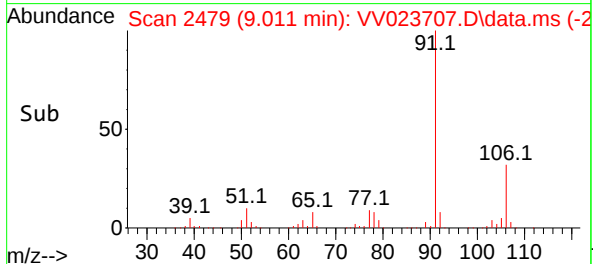
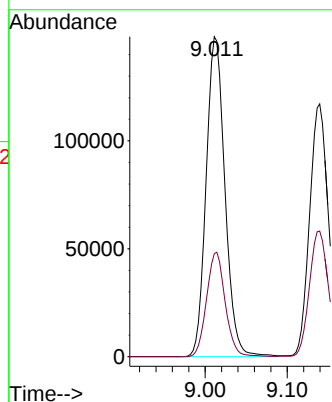
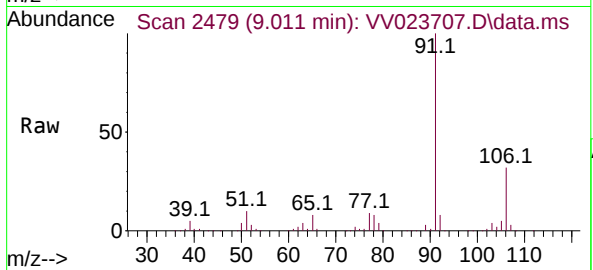
ClientSampleId :

Tgt Ion: 91 Resp: 235860

Ion Ratio Lower Upper

91 100

106 32.2 22.0 41.0



#53

m,p-xylene

Concen: 5.524 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV023707.D

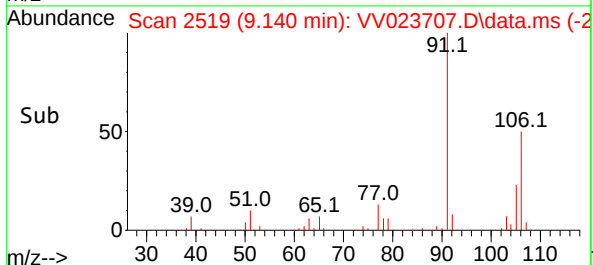
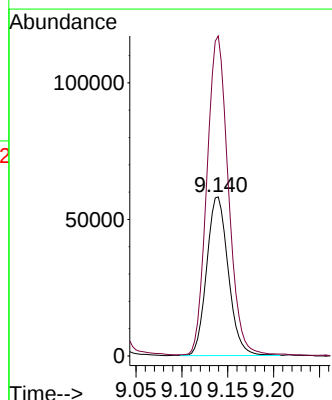
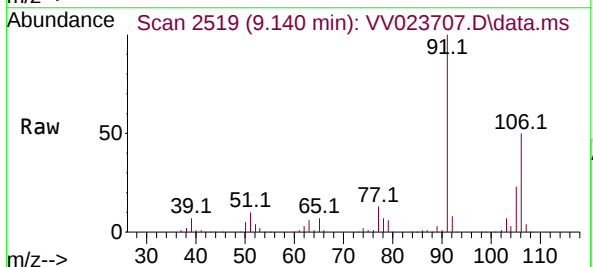
Acq: 24 Nov 2021 17:51

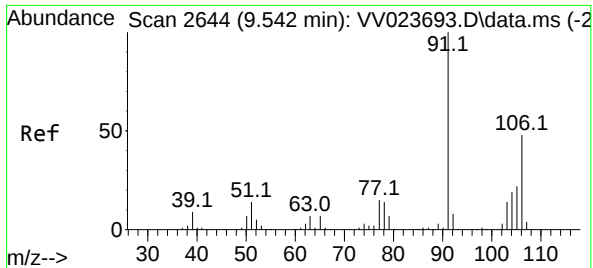
Tgt Ion: 106 Resp: 94974

Ion Ratio Lower Upper

106 100

91 201.3 139.5 259.1

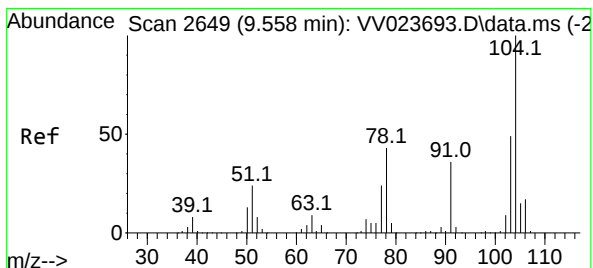
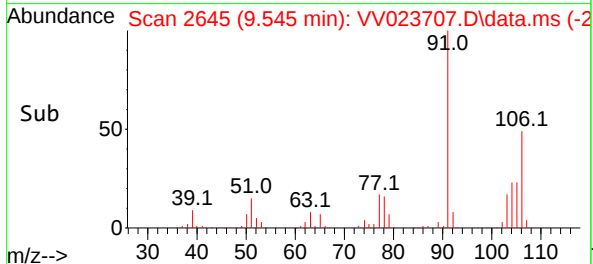
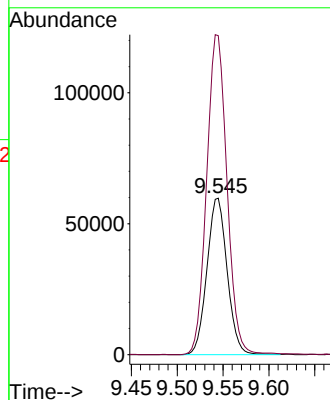
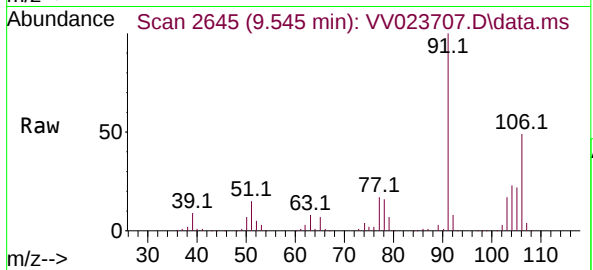




#54
o-xylene
Concen: 5.613 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

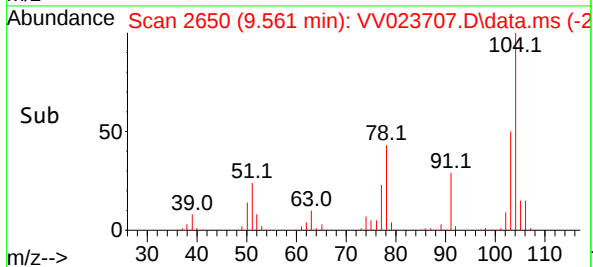
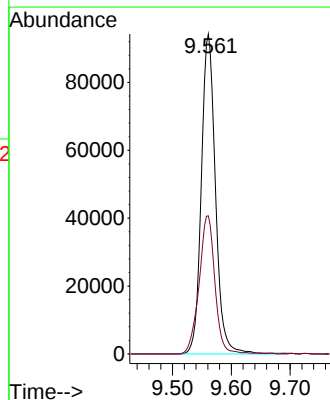
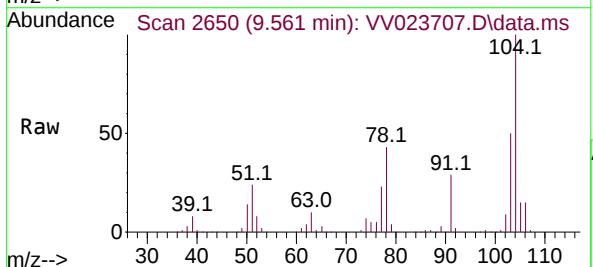
Instrument :
MSVOA_V
ClientSampleId :

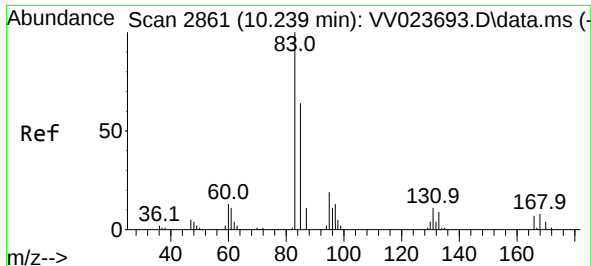
Tgt Ion:106 Resp: 91765
Ion Ratio Lower Upper
106 100
91 203.8 147.9 274.7



#55
Styrene
Concen: 5.710 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

Tgt Ion:104 Resp: 157316
Ion Ratio Lower Upper
104 100
78 43.1 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.523 ug/L

RT: 10.242 min Scan# 2862

Delta R.T. 0.003 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

Instrument :

MSVOA_V

ClientSampleId :

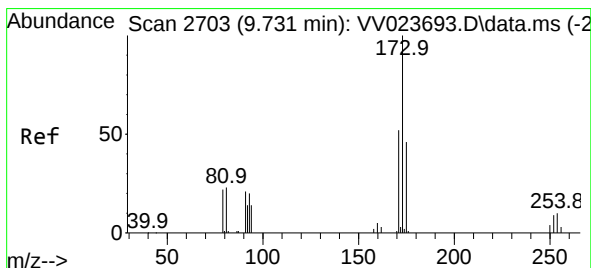
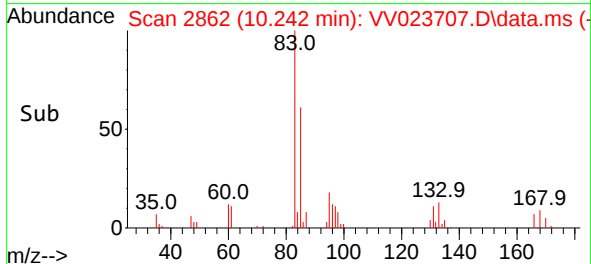
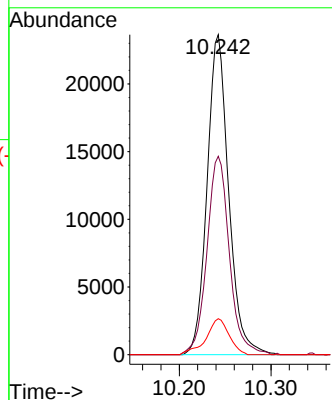
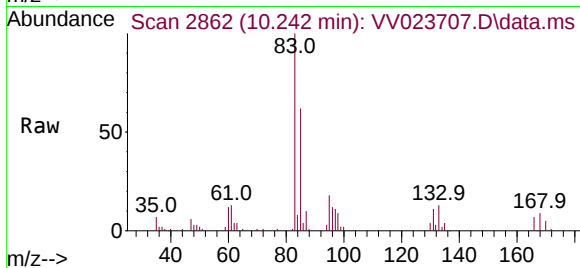
Tgt Ion: 83 Resp: 38539

Ion Ratio Lower Upper

83 100

85 62.0 44.6 82.8

131 11.3 8.3 12.5



#59

Bromoform

Concen: 5.283 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

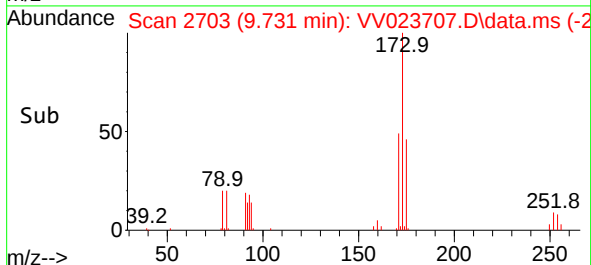
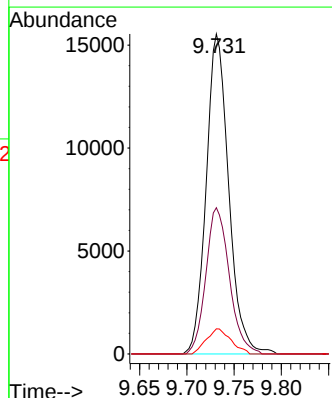
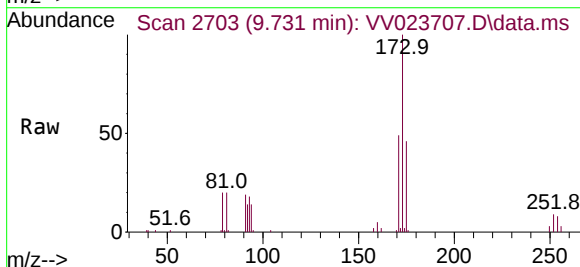
Tgt Ion: 173 Resp: 25707

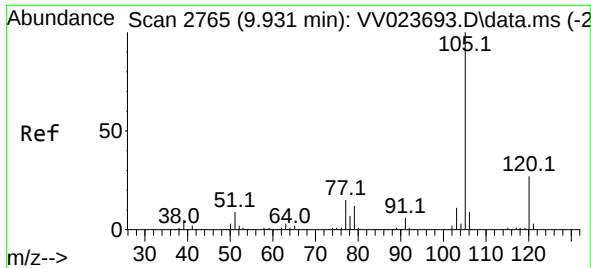
Ion Ratio Lower Upper

173 100

175 47.8 39.4 59.2

254 8.6 7.4 11.0

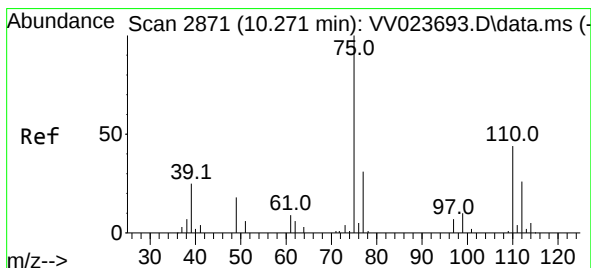
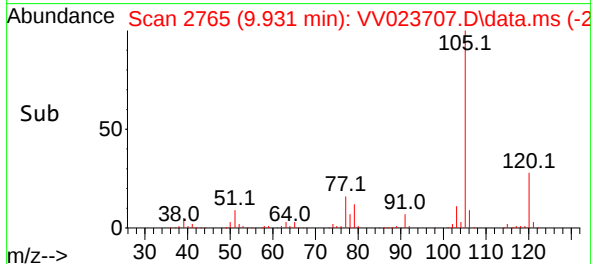
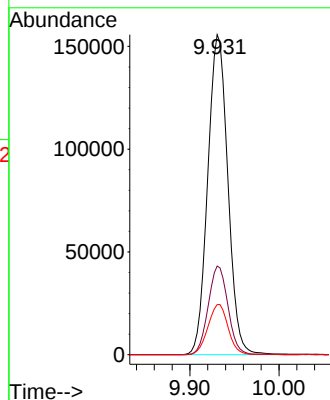
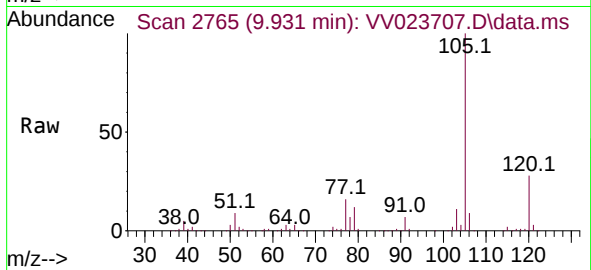




#60
Isopropylbenzene
Concen: 5.543 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

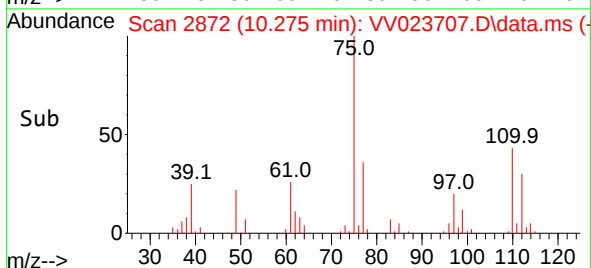
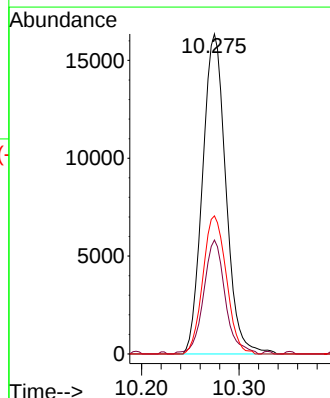
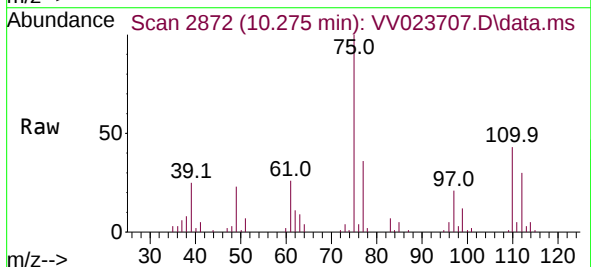
Instrument :
MSVOA_V
ClientSampleId :

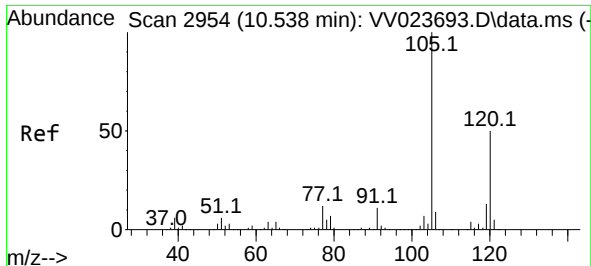
Tgt Ion:105 Resp: 243848
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.0
77 15.8 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.195 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

Tgt Ion: 75 Resp: 27146
Ion Ratio Lower Upper
75 100
77 33.1 26.4 39.6
110 43.4 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.595 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

Instrument :

MSVOA_V

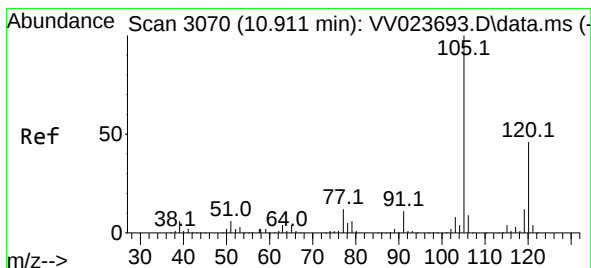
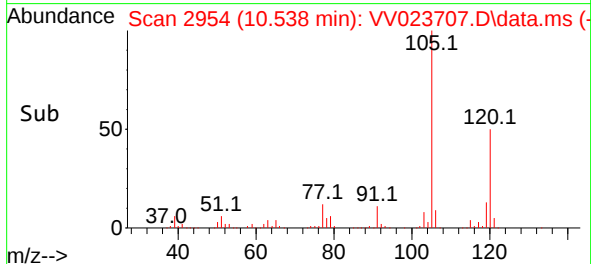
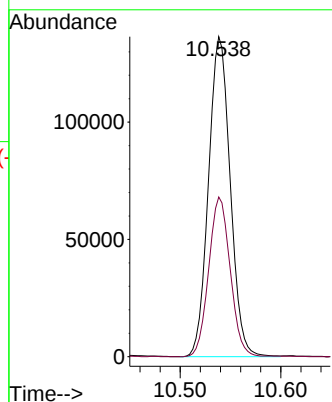
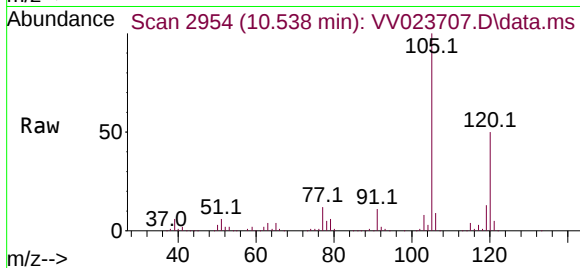
ClientSampleId :

Tgt Ion:105 Resp: 204820

Ion Ratio Lower Upper

105 100

120 49.5 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.689 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV023707.D

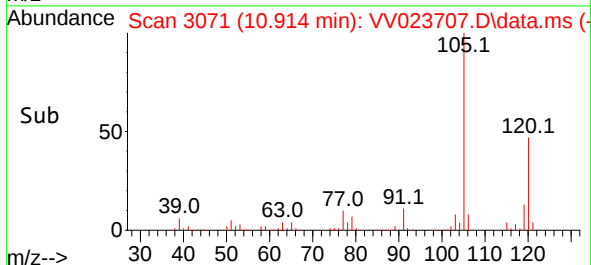
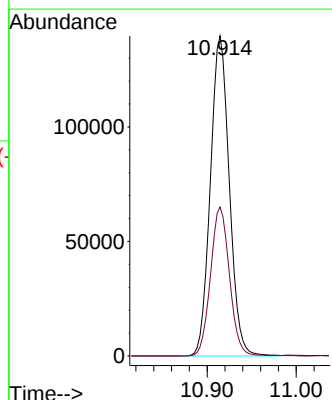
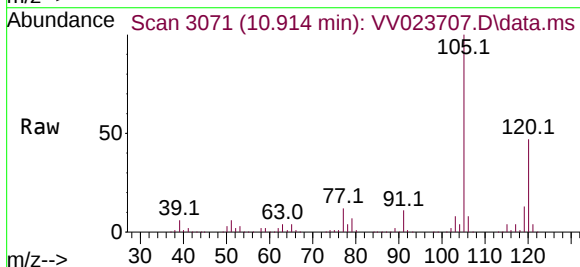
Acq: 24 Nov 2021 17:51

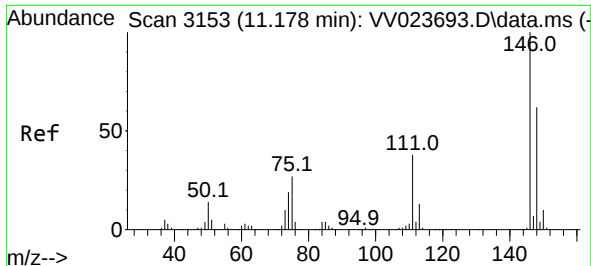
Tgt Ion:105 Resp: 205927

Ion Ratio Lower Upper

105 100

120 46.5 36.7 55.1

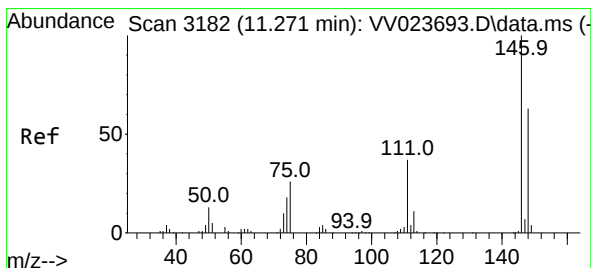
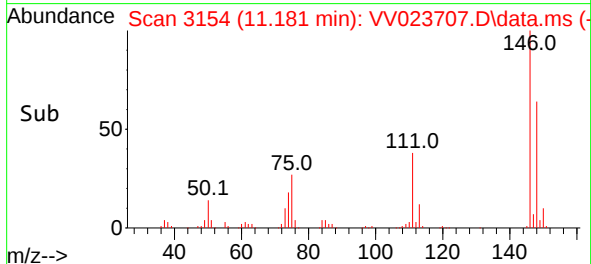
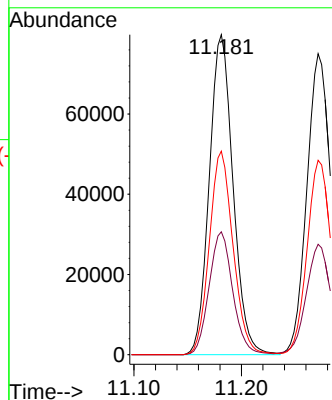
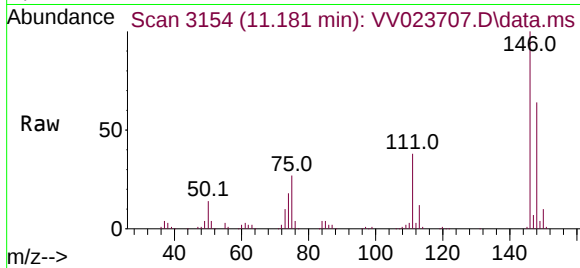




#64
1,3-Dichlorobenzene
Concen: 5.449 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

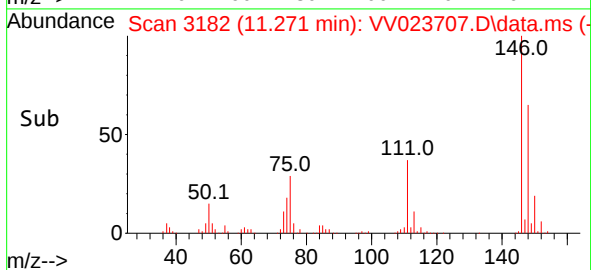
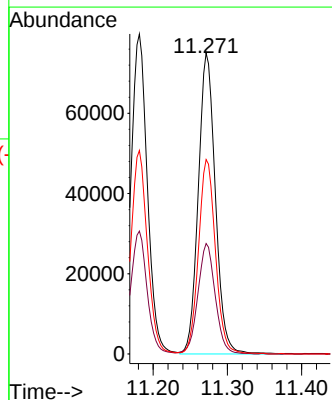
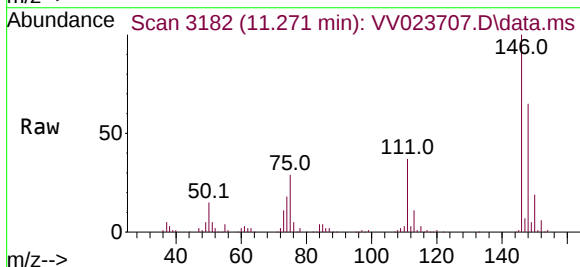
Instrument :
MSVOA_V
ClientSampleId :

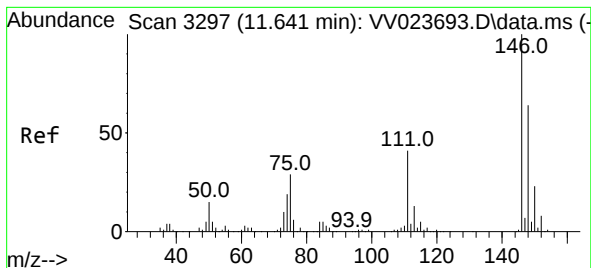
Tgt Ion:146 Resp: 122552
Ion Ratio Lower Upper
146 100
111 38.4 26.3 48.9
148 63.6 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.316 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

Tgt Ion:146 Resp: 120175
Ion Ratio Lower Upper
146 100
111 36.7 25.6 47.6
148 64.6 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.262 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

Instrument :

MSVOA_V

ClientSampleId :

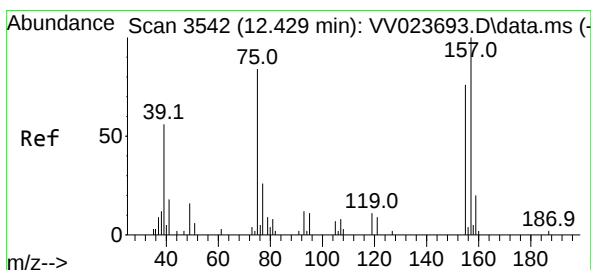
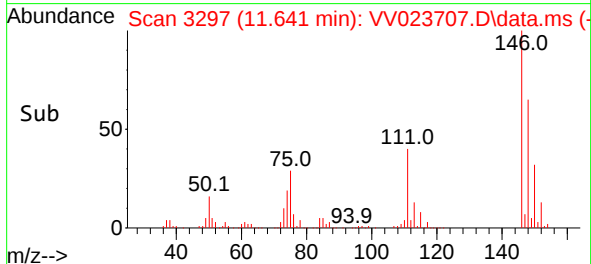
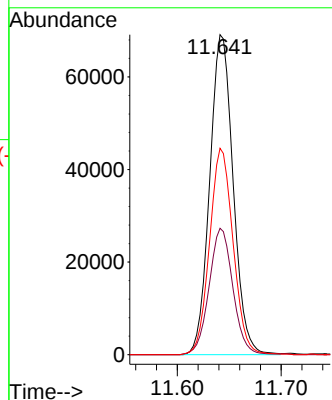
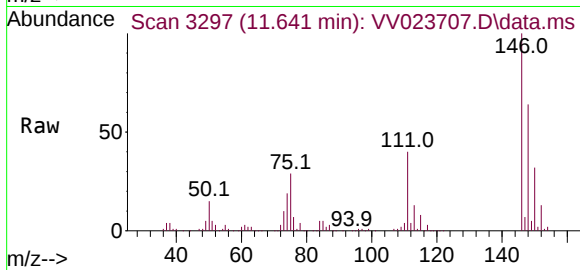
Tgt Ion:146 Resp: 108316

Ion Ratio Lower Upper

146 100

111 39.5 31.9 47.9

148 64.5 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.560 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

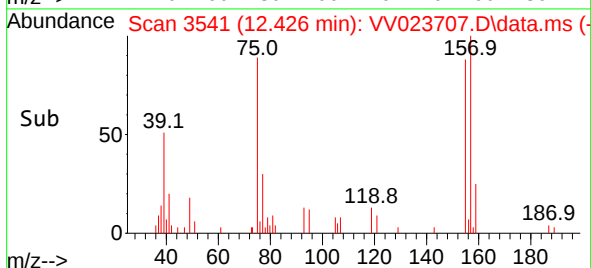
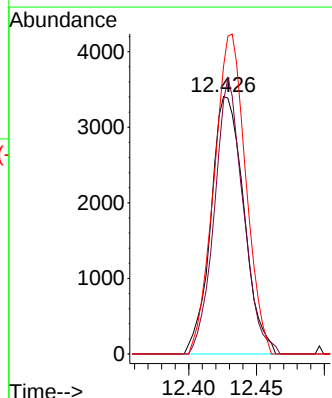
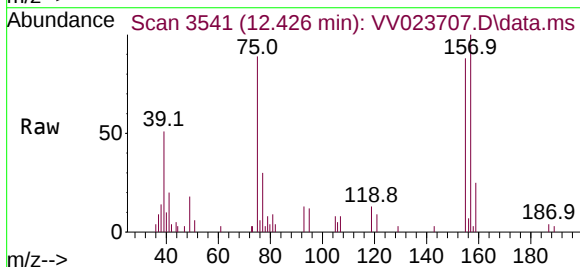
Tgt Ion: 75 Resp: 5769

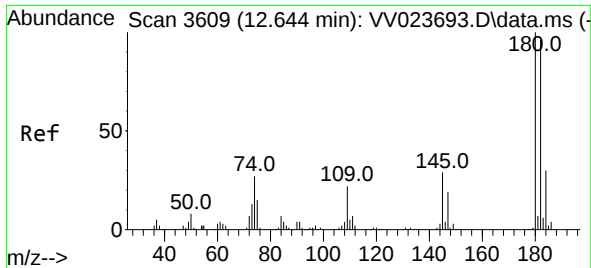
Ion Ratio Lower Upper

75 100

155 98.3 71.7 107.5

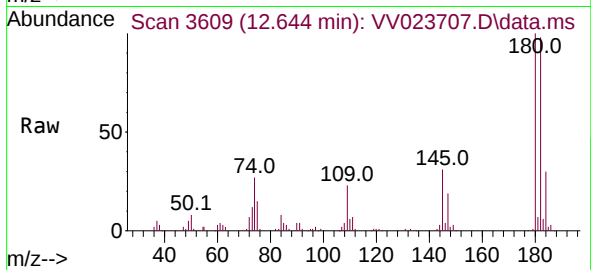
157 111.8 103.3 154.9



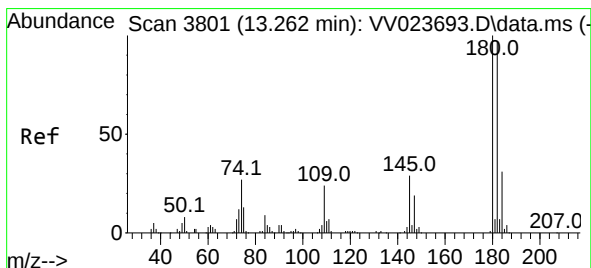
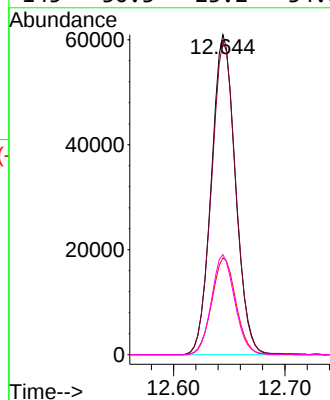
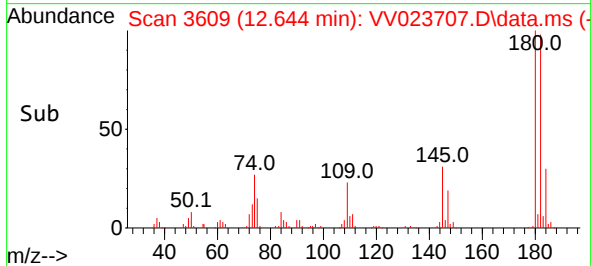


#69
1,3,5-Trichlorobenzene
Concen: 5.201 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51

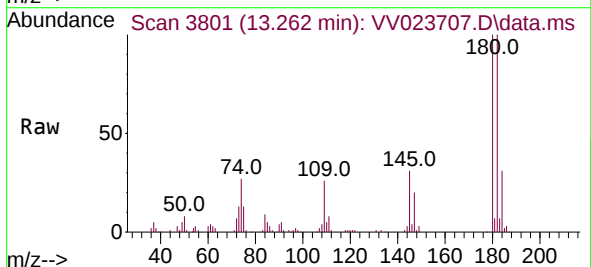
Instrument :
MSVOA_V
ClientSampleId :



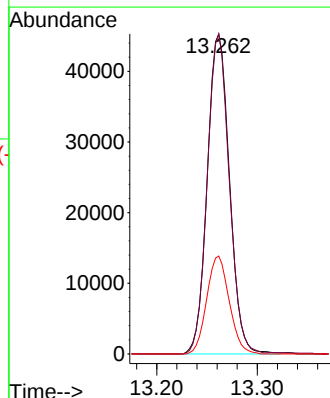
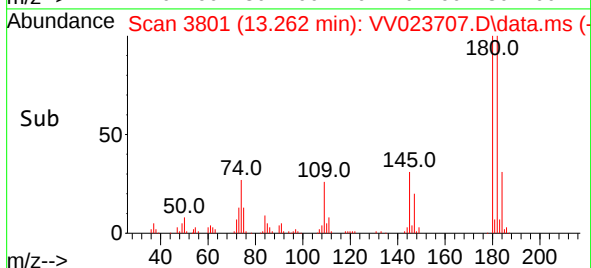
Tgt Ion:180 Resp: 91331
Ion Ratio Lower Upper
180 100
182 98.8 76.4 114.6
184 30.4 24.2 36.4
145 30.3 23.2 34.8

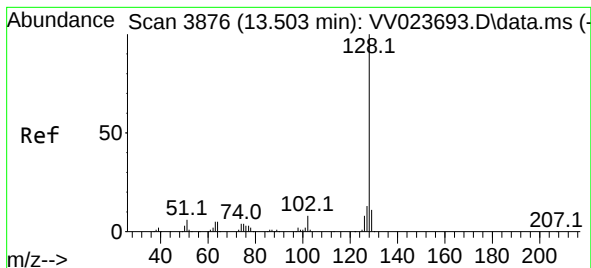


#70
1,2,4-trichlorobenzene
Concen: 5.110 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV023707.D
Acq: 24 Nov 2021 17:51



Tgt Ion:180 Resp: 69625
Ion Ratio Lower Upper
180 100
182 98.7 74.4 111.6
145 31.0 23.3 34.9





#71

Naphthalene

Concen: 5.285 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VV023707.D

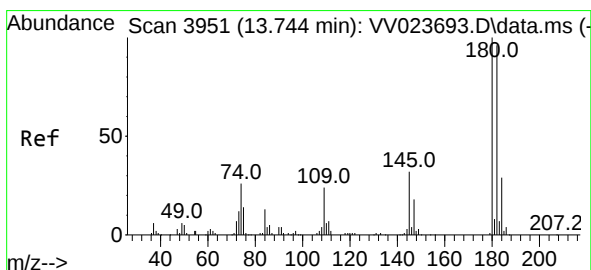
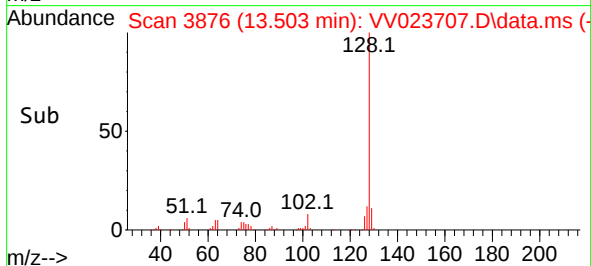
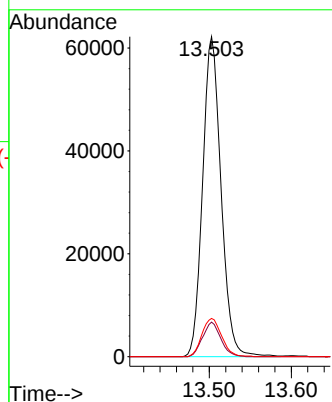
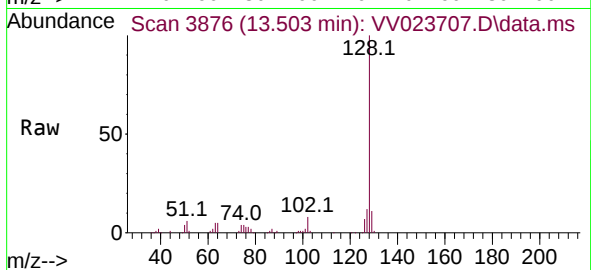
Acq: 24 Nov 2021 17:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	96914
Ion Ratio	Lower	Upper
128	100	
129	10.6	9.0 13.4
127	12.8	10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.438 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV023707.D

Acq: 24 Nov 2021 17:51

Tgt Ion:180	Resp:	64203
Ion Ratio	Lower	Upper
180	100	
182	93.4	76.8 115.2
145	31.2	25.8 38.6

