

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023691.D
 Acq On : 23 Nov 2021 23:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 05:03:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 04:42:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	179550	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	173348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93778	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56915	3.861	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.568	69	45628	3.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.111	63	103317	3.977	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	3.899	46	101066	57.037	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.080%
24) Chloroform-d	4.349	84	112168	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.034	65	53188	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.053	84	218617	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.069	67	61924	4.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.317	98	207315	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	7.622	79	24115	4.519	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.088	63	96310	54.322	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44537	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	78088	4.710	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	74064	4.348	ug/L	100
3) Chloromethane	1.243	50	61542	4.156	ug/L	98
5) Vinyl chloride	1.310	62	65999	4.244	ug/L	96
6) Bromomethane	1.523	94	28279	3.207	ug/L	98
8) Chloroethane	1.587	64	42062	4.268	ug/L	97
9) Trichlorofluoromethane	1.754	101	106566	4.205	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	53963	4.249	ug/L	100
12) 1,1-Dichloroethene	2.121	96	52192	4.339	ug/L	95
13) Acetone	2.191	43	53876	33.790	ug/L	71
14) Carbon disulfide	2.298	76	172710	4.271	ug/L	100
15) Methyl Acetate	2.439	43	16535	4.569	ug/L	97
16) Methylene chloride	2.510	84	61281	3.570	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	121250	4.918	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	60609	4.423	ug/L	97
19) 1,1-Dichloroethane	3.191	63	103169	4.478	ug/L	100
21) 2-Butanone	3.986	43	97411	48.269	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	63294	4.817	ug/L	98
23) Bromochloromethane	4.252	128	28442	4.612	ug/L	95
25) Chloroform	4.378	83	110461	4.304	ug/L	96

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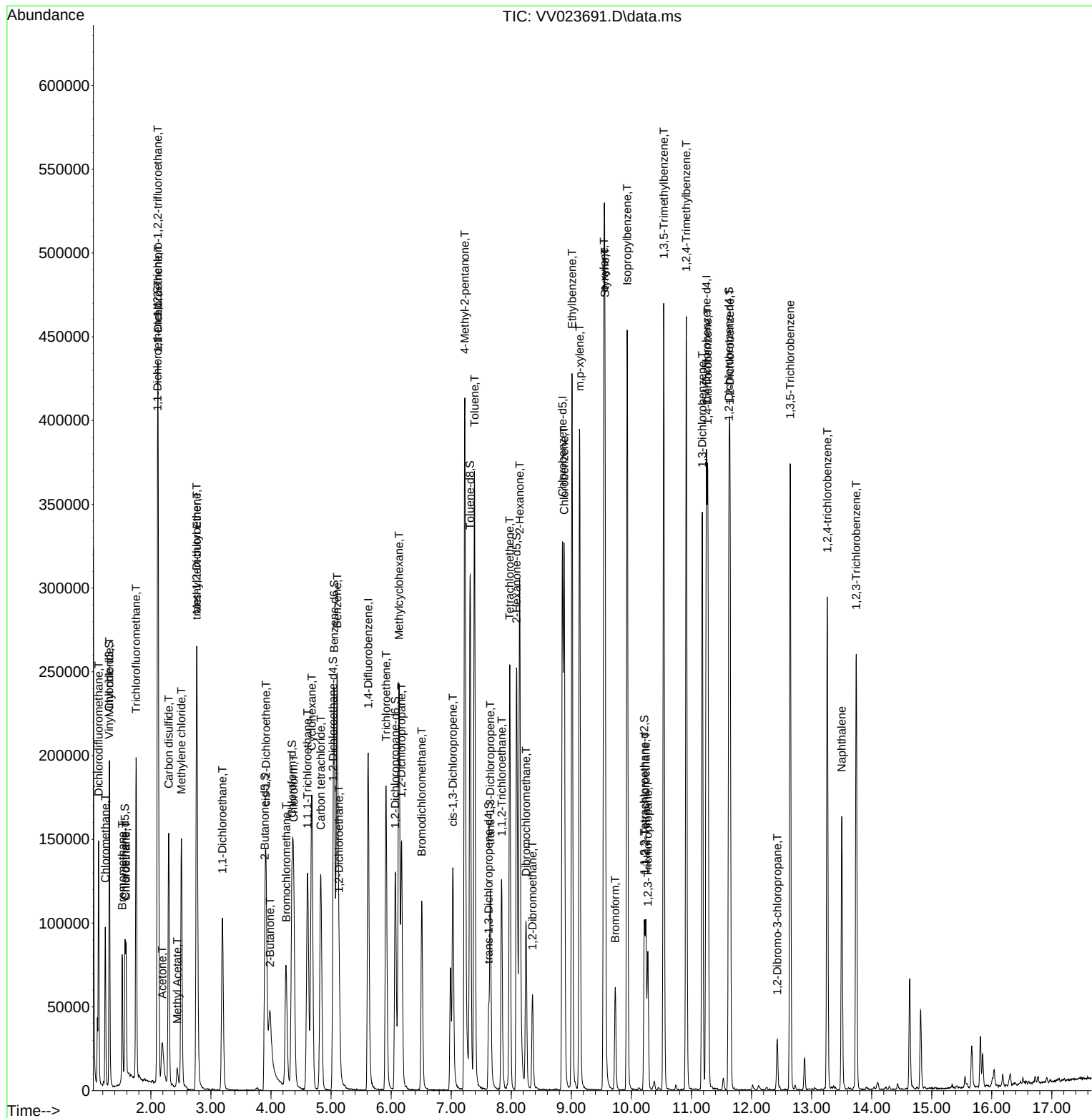
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	62206	4.559	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	105691	4.666	ug/L	99
30) Cyclohexane	4.680	56	94250	4.986	ug/L	99
31) Carbon tetrachloride	4.828	117	97011	4.675	ug/L	100
33) Benzene	5.101	78	249346	5.045	ug/L	100
34) Trichloroethene	5.915	95	64152	4.846	ug/L	96
35) Methylcyclohexane	6.133	83	103442	5.012	ug/L	98
37) 1,2-Dichloropropane	6.172	63	54802	4.665	ug/L	99
38) Bromodichloromethane	6.510	83	75102	4.710	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	82564	4.939	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	285968	50.995	ug/L	99
42) Toluene	7.387	91	268512	5.010	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	68717	4.891	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	39505	4.857	ug/L	98
47) Tetrachloroethene	7.976	164	56959	4.727	ug/L	98
48) 2-Hexanone	8.140	43	201714	48.668	ug/L	99
49) Dibromochloromethane	8.246	129	51198	4.593	ug/L	97
50) 1,2-Dibromoethane	8.352	107	38287	4.827	ug/L	98
51) Chlorobenzene	8.883	112	172499	4.855	ug/L	99
52) Ethylbenzene	9.011	91	288812	5.155	ug/L	99
53) m,p-xylene	9.140	106	112295	5.036	ug/L	97
54) o-xylene	9.545	106	108510	5.117	ug/L	99
55) Styrene	9.561	104	180892	5.063	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	44593	4.927	ug/L	99
59) Bromoform	9.731	173	28583	4.615	ug/L	99
60) Isopropylbenzene	9.931	105	290909	5.195	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	31500	4.736	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	243726	5.231	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	246887	5.358	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	142286	4.970	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	138567	4.816	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	128748	4.914	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6828	5.170	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	112806	5.047	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	89919	5.185	ug/L	99
71) Naphthalene	13.503	128	129584	5.552	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	79080	5.262	ug/L	99

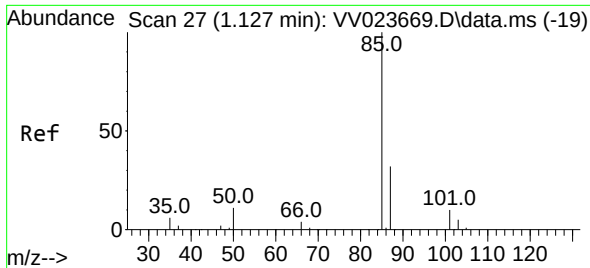
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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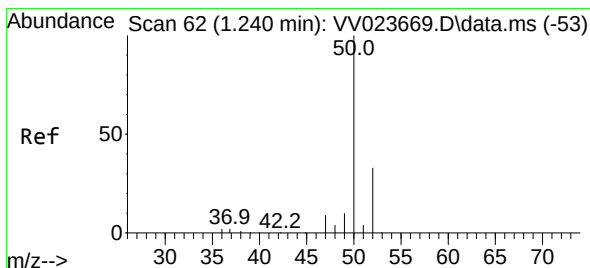
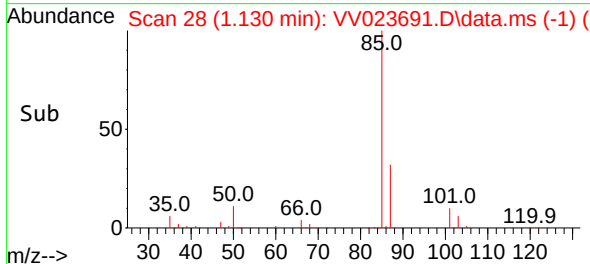
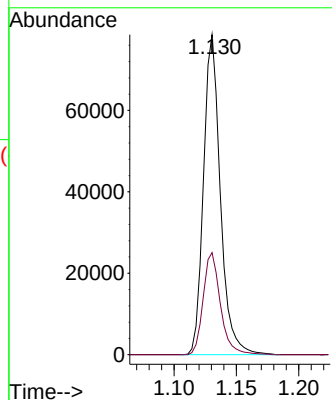
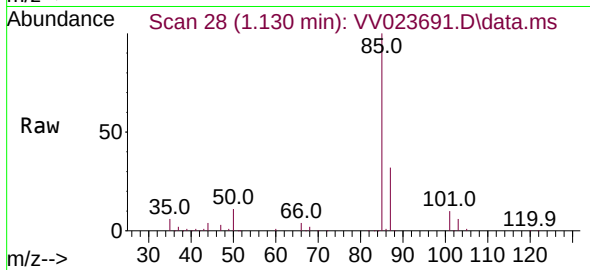




#2
 Dichlorodifluoromethane
 Concen: 4.348 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023691.D
 Acq: 23 Nov 2021 23:16

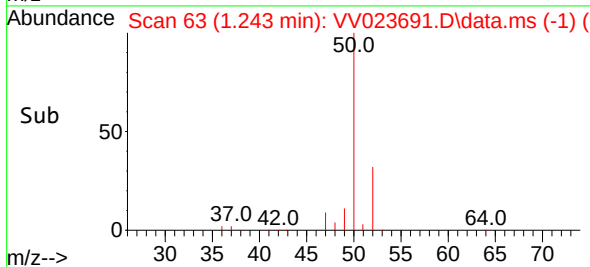
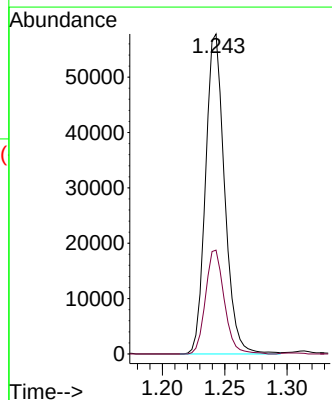
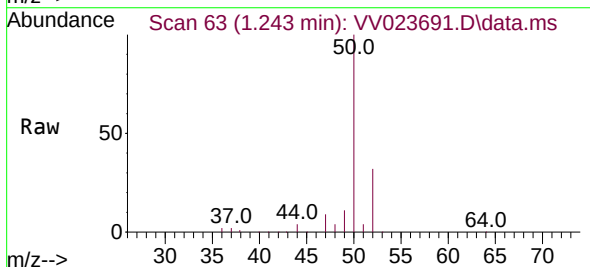
Instrument :
 MSVOA_V
 ClientSampleId :

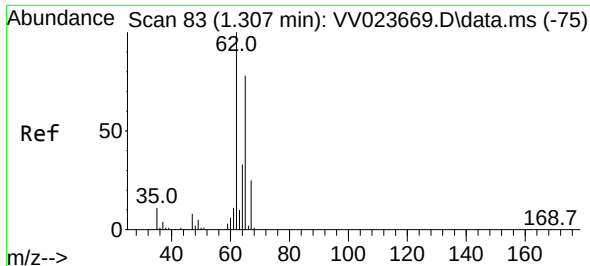
Tgt Ion: 85 Resp: 74064
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 4.156 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023691.D
 Acq: 23 Nov 2021 23:16

Tgt Ion: 50 Resp: 61542
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.0 41.0

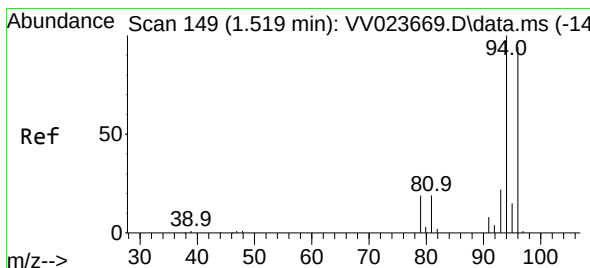
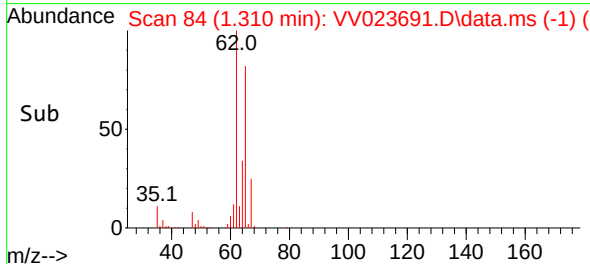
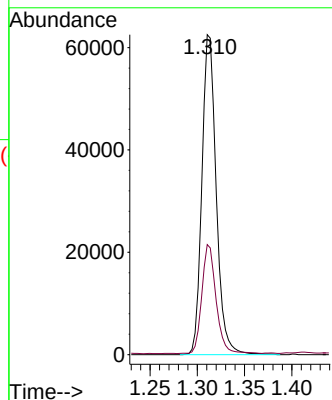
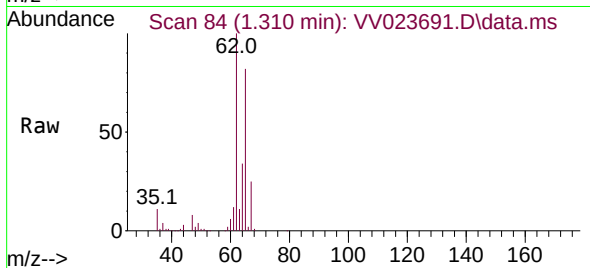




#5
 Vinyl chloride
 Concen: 4.244 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023691.D
 Acq: 23 Nov 2021 23:16

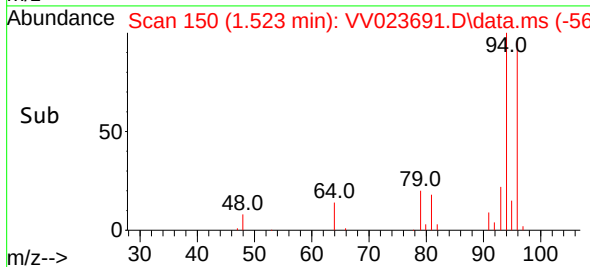
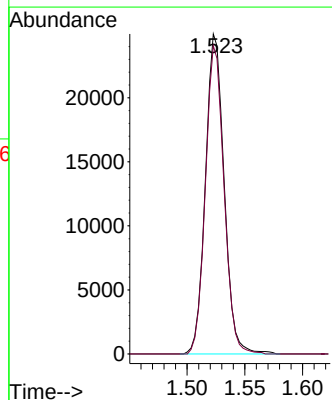
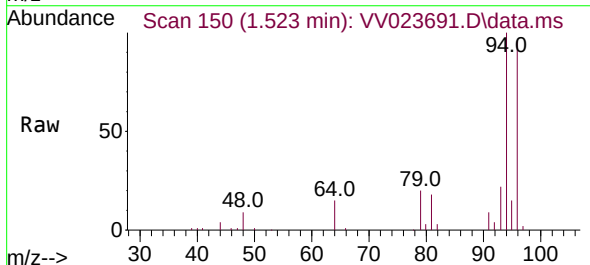
Instrument :
 MSVOA_V
 ClientSampleId :

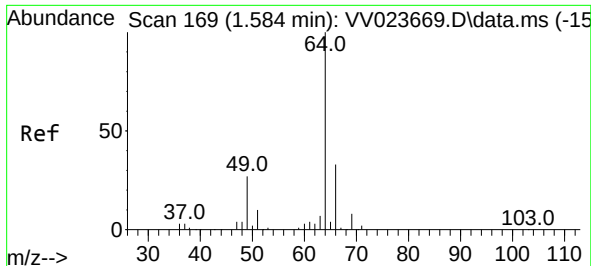
Tgt Ion: 62 Resp: 65999
 Ion Ratio Lower Upper
 62 100
 64 34.4 22.4 41.6



#6
 Bromomethane
 Concen: 3.207 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV023691.D
 Acq: 23 Nov 2021 23:16

Tgt Ion: 94 Resp: 28279
 Ion Ratio Lower Upper
 94 100
 96 96.3 66.2 123.0





#8

Chloroethane

Concen: 4.268 ug/L

RT: 1.587 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

Instrument :

MSVOA_V

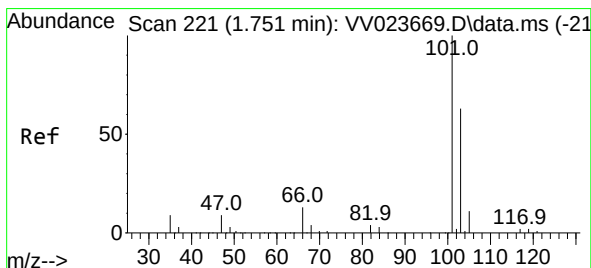
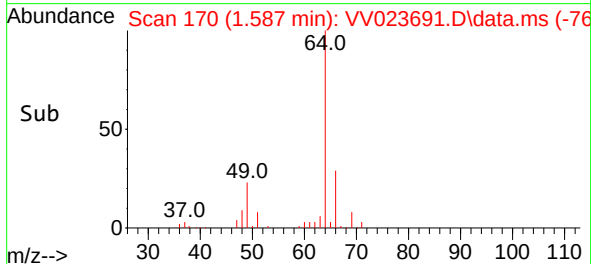
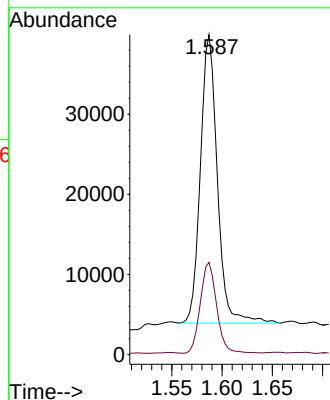
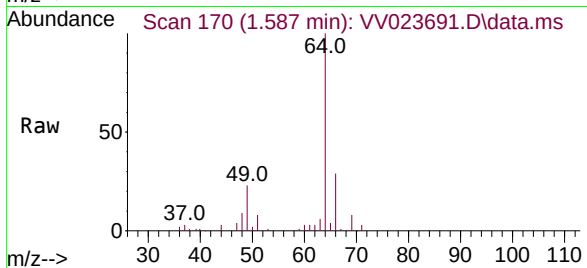
ClientSampleId :

Tgt Ion: 64 Resp: 42062

Ion Ratio Lower Upper

64 100

66 28.9 21.4 39.8



#9

Trichlorofluoromethane

Concen: 4.205 ug/L

RT: 1.754 min Scan# 222

Delta R.T. 0.003 min

Lab File: VV023691.D

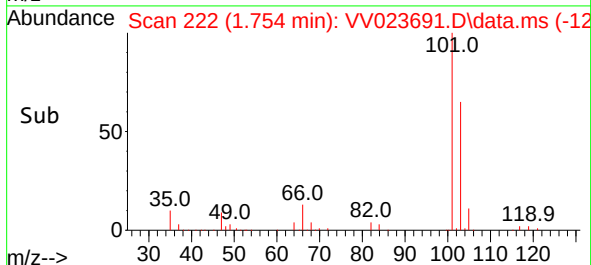
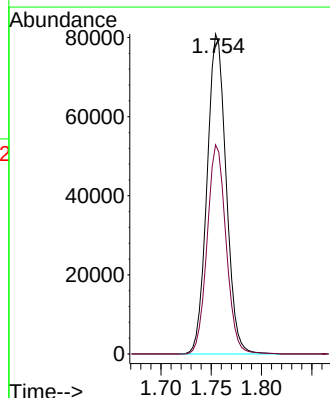
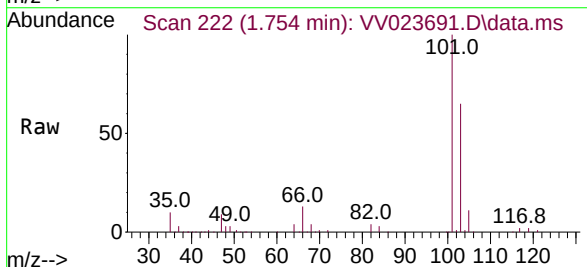
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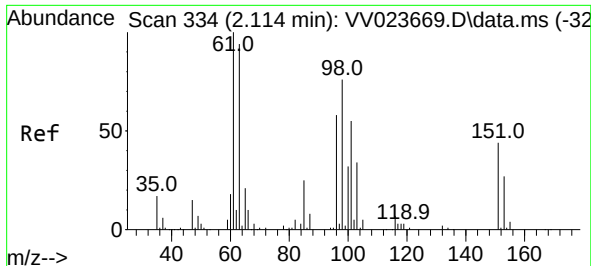
Tgt Ion:101 Resp: 106566

Ion Ratio Lower Upper

101 100

103 65.0 51.6 77.4





#10

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

Concen: 4.249 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

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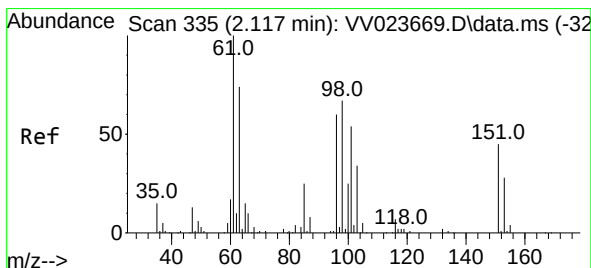
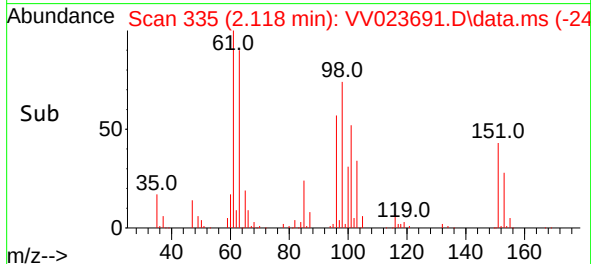
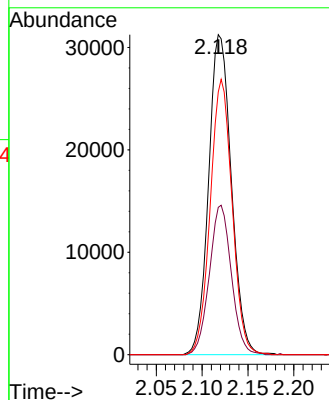
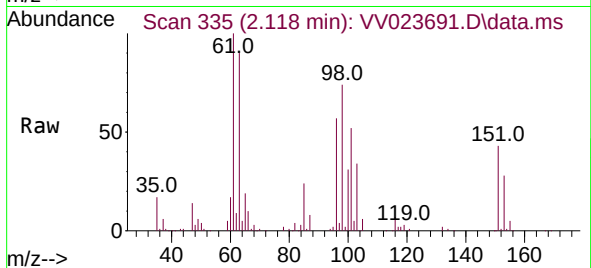
Tgt Ion:101 Resp: 53963

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

151 82.7 66.4 99.6



#12

1,1-Dichloroethene

Concen: 4.339 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

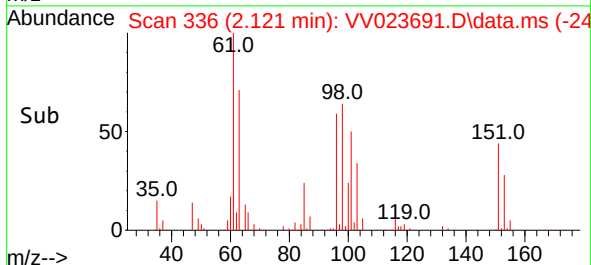
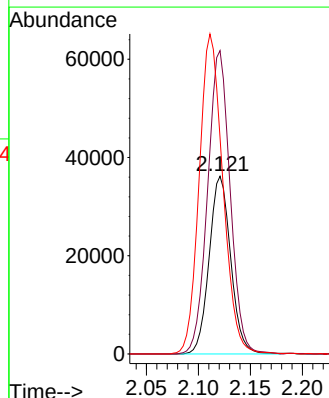
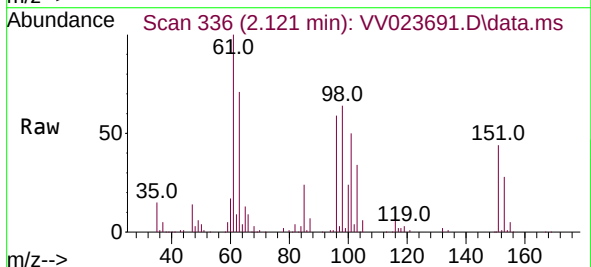
Tgt Ion: 96 Resp: 52192

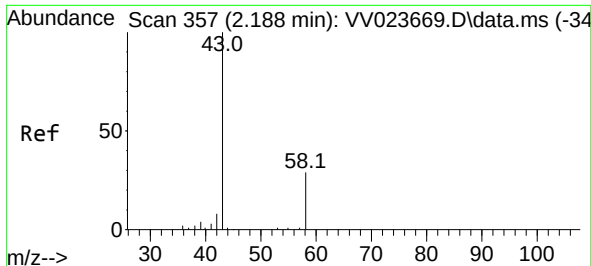
Ion Ratio Lower Upper

96 100

61 170.6 116.1 215.5

63 121.7 79.4 147.4





#13

Acetone

Concen: 33.790 ug/L

RT: 2.191 min Scan# 3

Delta R.T. 0.003 min

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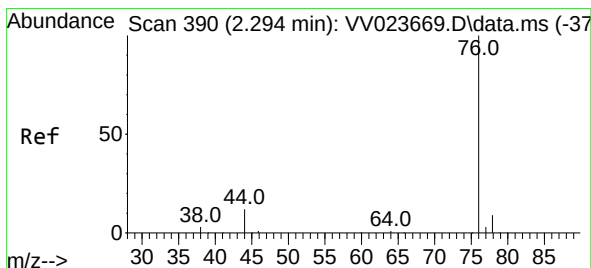
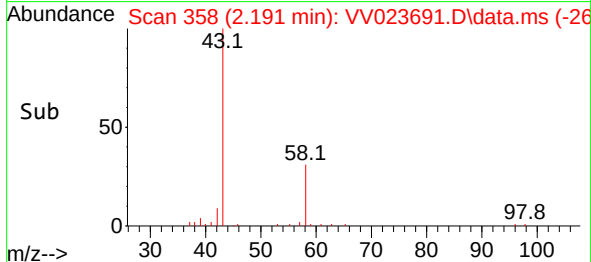
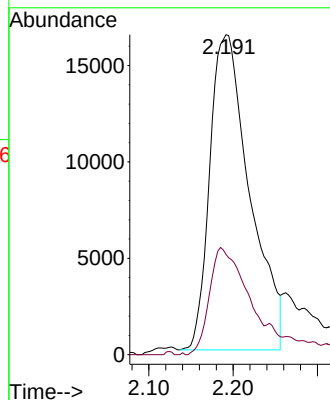
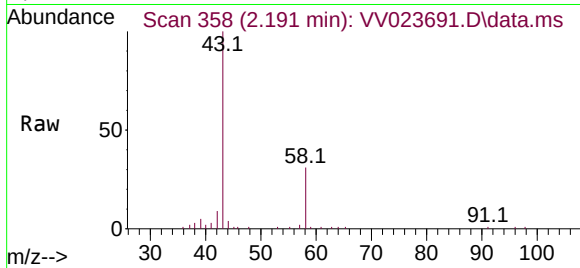
ClientSampleId :

Tgt Ion: 43 Resp: 53876

Ion Ratio Lower Upper

43 100

58 34.2 0.0 41.4



#14

Carbon disulfide

Concen: 4.271 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

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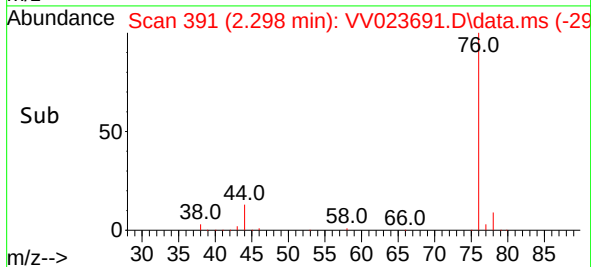
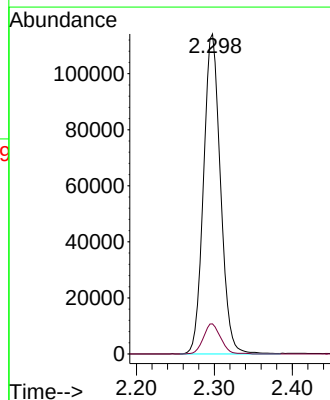
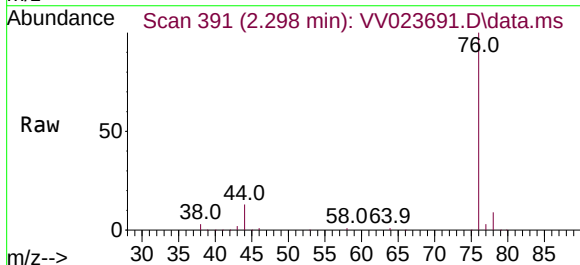
Acq: 23 Nov 2021 23:16

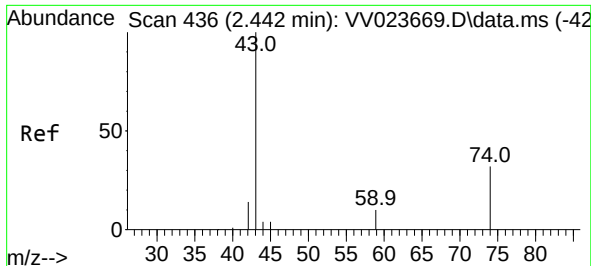
Tgt Ion: 76 Resp: 172710

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

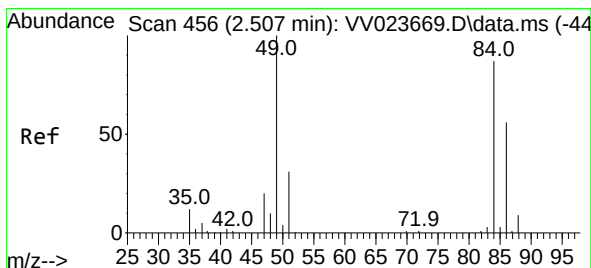
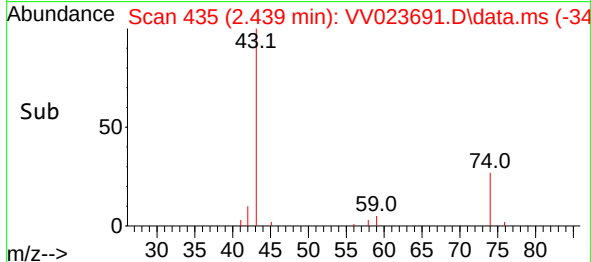
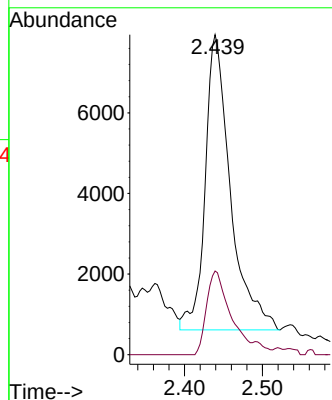
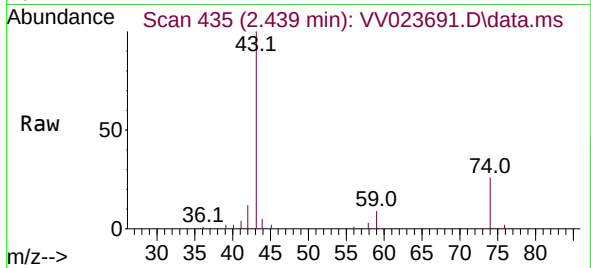




#15
Methyl Acetate
Concen: 4.569 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

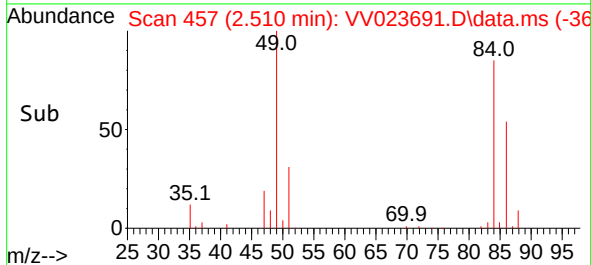
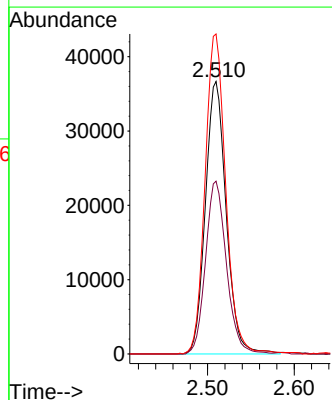
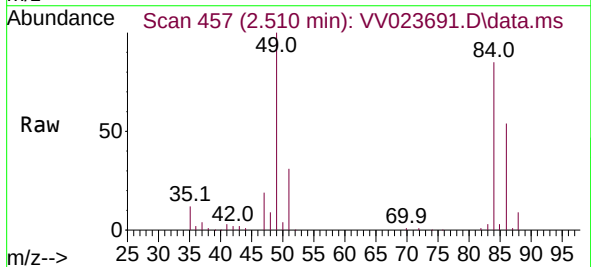
Instrument :
MSVOA_V
ClientSampleId :

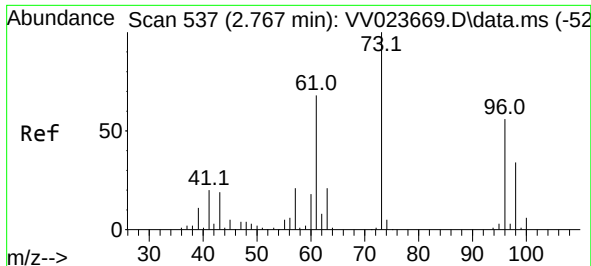
Tgt Ion: 43 Resp: 16535
Ion Ratio Lower Upper
43 100
74 26.6 20.2 30.2



#16
Methylene chloride
Concen: 3.570 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

Tgt Ion: 84 Resp: 61281
Ion Ratio Lower Upper
84 100
86 63.4 42.6 79.0
49 117.5 79.7 147.9

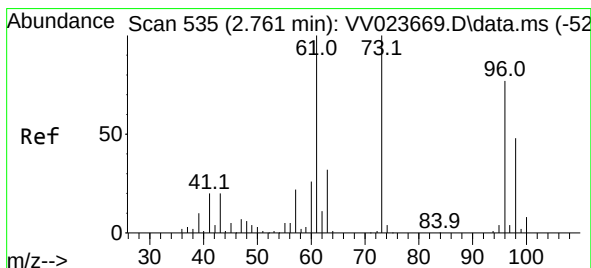
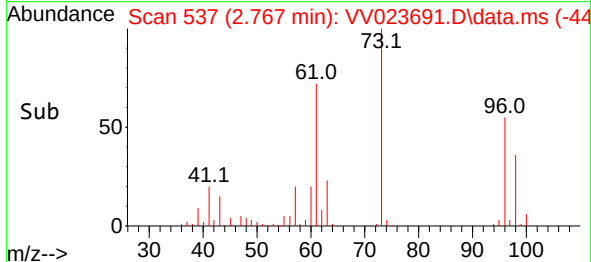
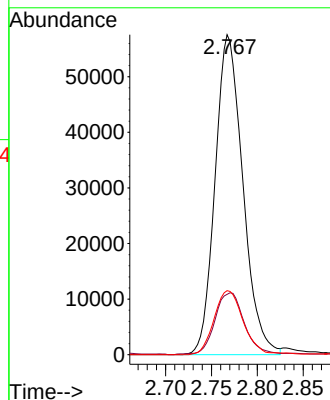
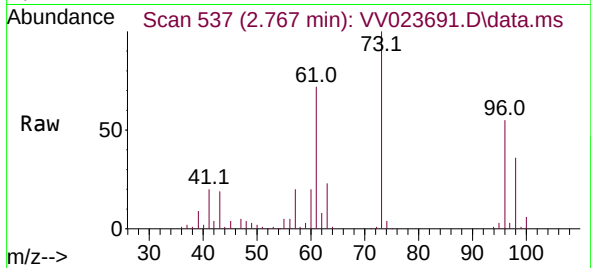




#17
Methyl tert-butyl Ether
Concen: 4.918 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

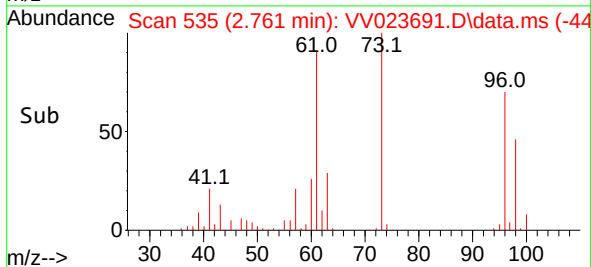
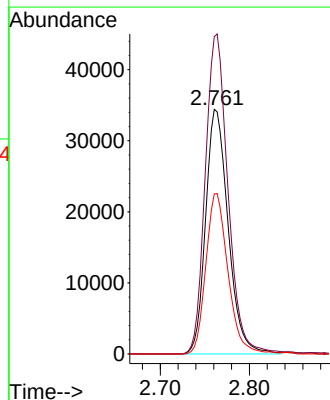
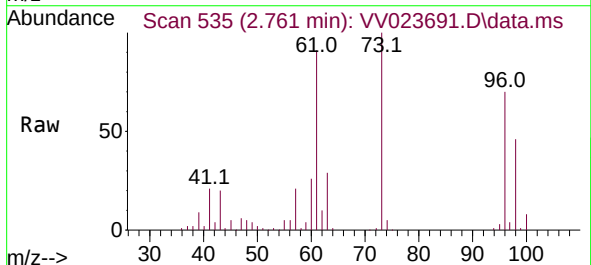
Instrument :
MSVOA_V
ClientSampleId :

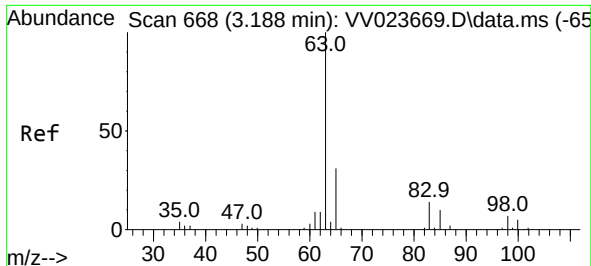
Tgt Ion: 73 Resp: 121250
Ion Ratio Lower Upper
73 100
43 20.5 15.5 23.3
57 21.2 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.423 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

Tgt Ion: 96 Resp: 60609
Ion Ratio Lower Upper
96 100
61 129.7 88.2 163.8
98 65.4 44.9 83.5

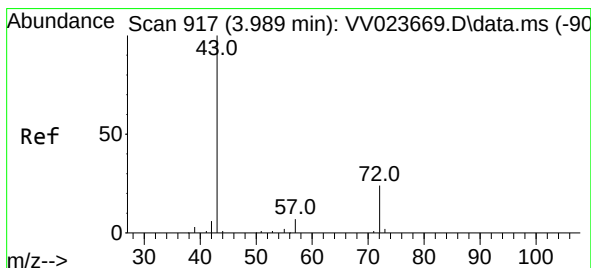
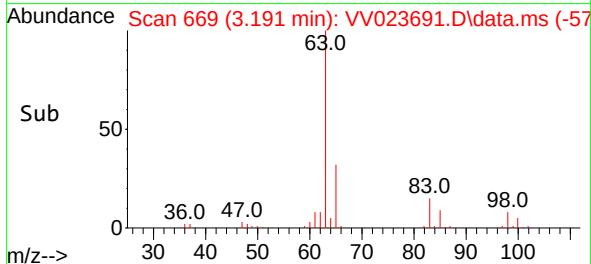
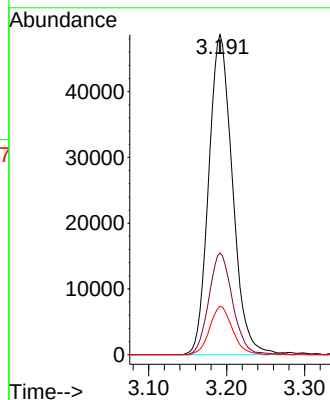
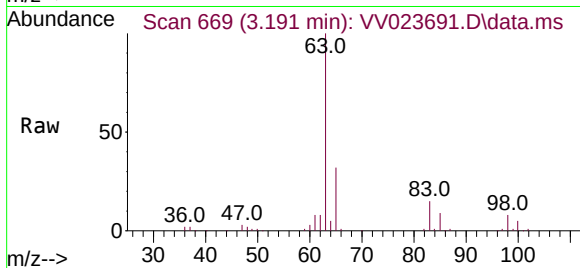




#19
1,1-Dichloroethane
Concen: 4.478 ug/L
RT: 3.191 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

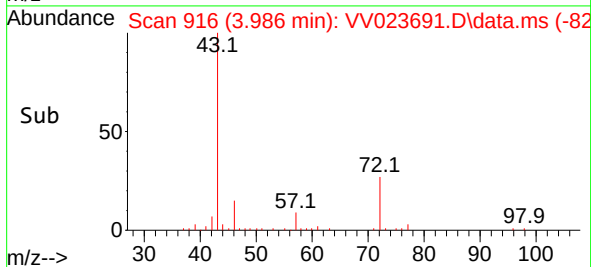
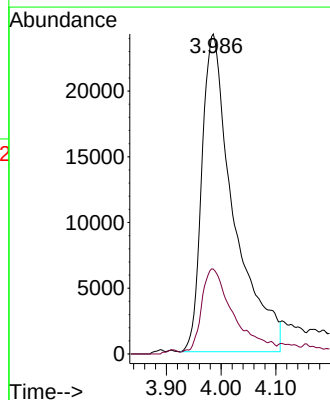
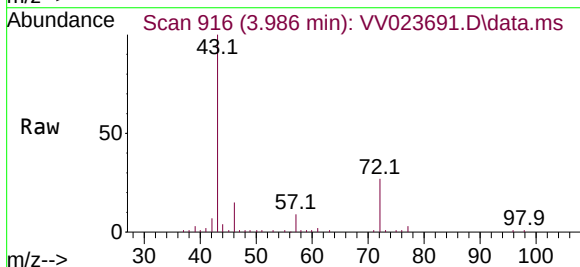
Instrument :
MSVOA_V
ClientSampleId :

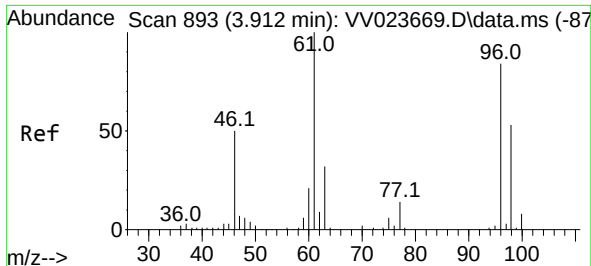
Tgt Ion: 63 Resp: 103169
Ion Ratio Lower Upper
63 100
65 31.8 22.3 41.3
83 15.1 10.7 19.9



#21
2-Butanone
Concen: 48.269 ug/L
RT: 3.986 min Scan# 916
Delta R.T. -0.003 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

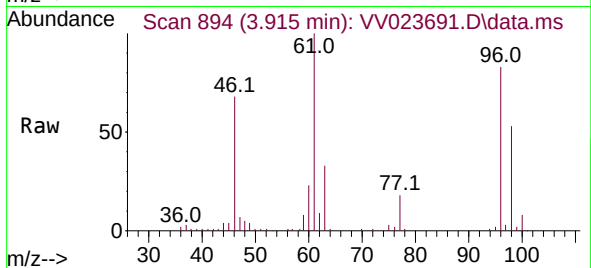
Tgt Ion: 43 Resp: 97411
Ion Ratio Lower Upper
43 100
72 25.5 11.1 33.1





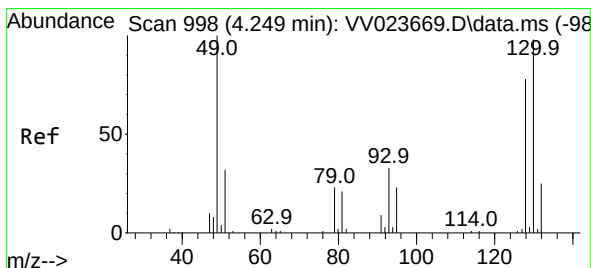
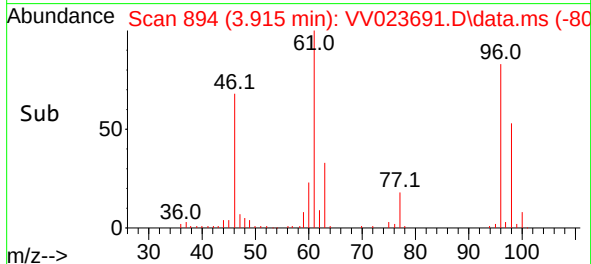
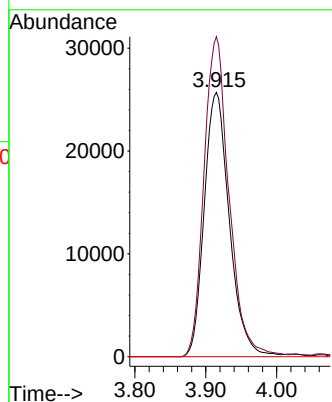
#22
 cis-1,2-Dichloroethene
 Concen: 4.817 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV023691.D
 Acq: 23 Nov 2021 23:16

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 63294

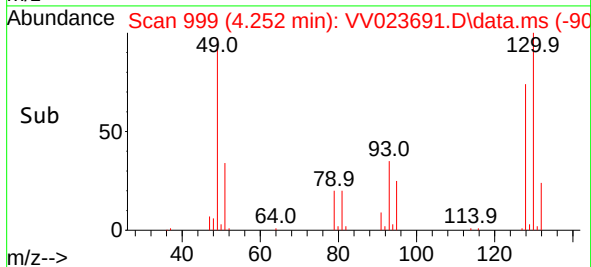
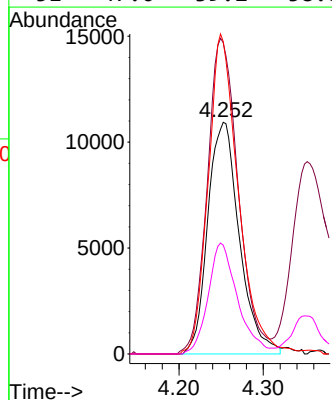
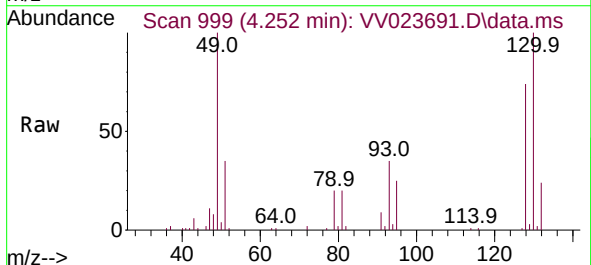
Ion	Ratio	Lower	Upper
96	100		
61	121.0	83.4	154.8
68	0.0	0.0	0.0

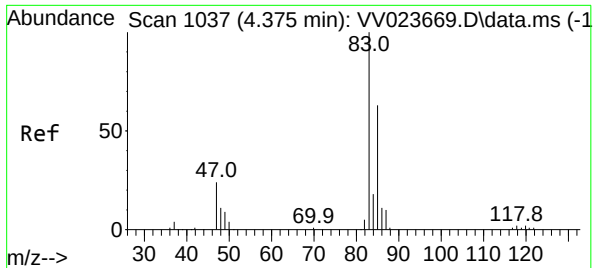


#23
 Bromochloromethane
 Concen: 4.612 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.003 min
 Lab File: VV023691.D
 Acq: 23 Nov 2021 23:16

Tgt Ion: 128 Resp: 28442

Ion	Ratio	Lower	Upper
128	100		
49	134.4	100.2	186.2
130	134.9	92.5	171.7
51	47.0	39.2	58.8

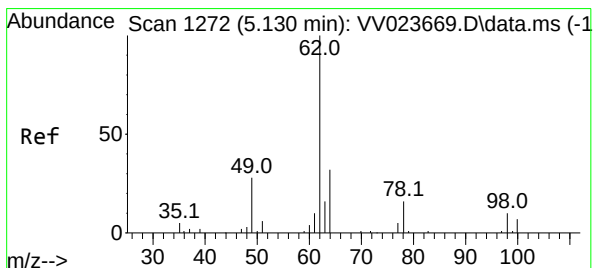
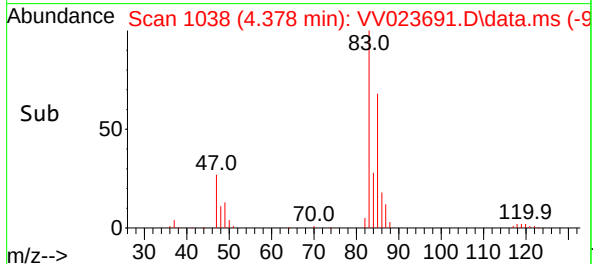
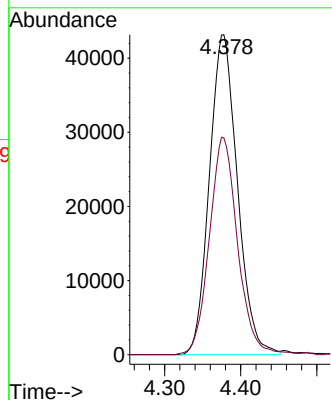
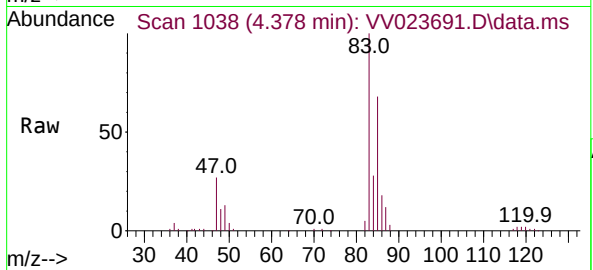




#25
Chloroform
Concen: 4.304 ug/L
RT: 4.378 min Scan# 110
Delta R.T. 0.003 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

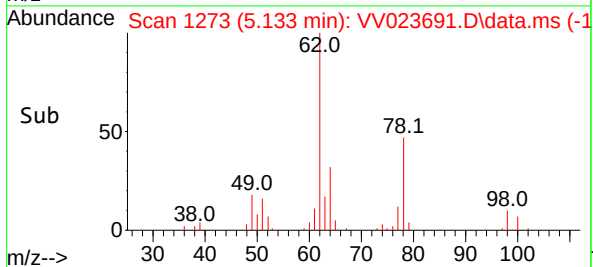
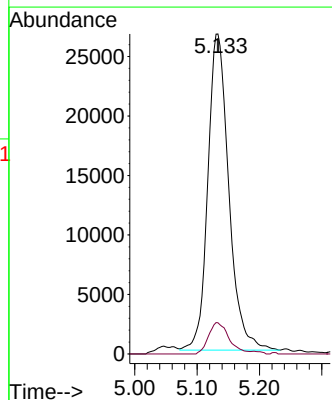
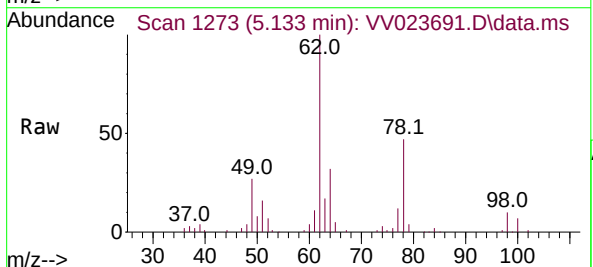
Instrument :
MSVOA_V
ClientSampleId :

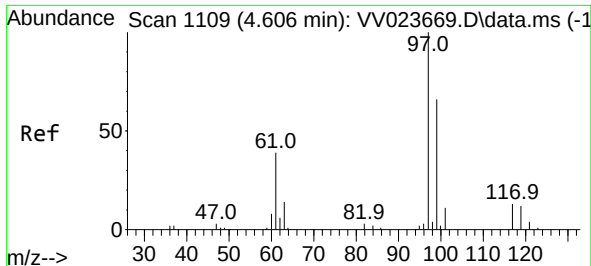
Tgt Ion: 83 Resp: 110461
Ion Ratio Lower Upper
83 100
85 67.8 45.2 84.0



#27
1,2-Dichloroethane
Concen: 4.559 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

Tgt Ion: 62 Resp: 62206
Ion Ratio Lower Upper
62 100
98 9.7 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 4.666 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

Instrument :

MSVOA_V

ClientSampleId :

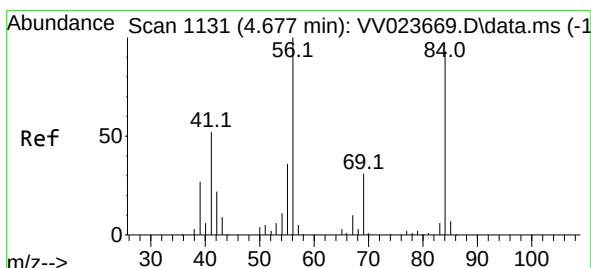
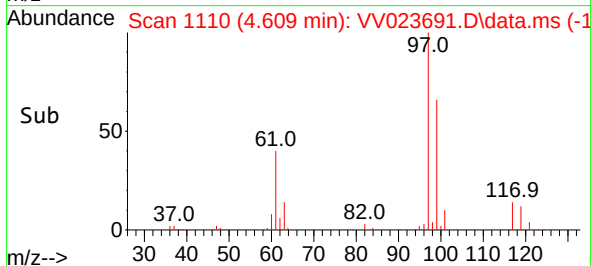
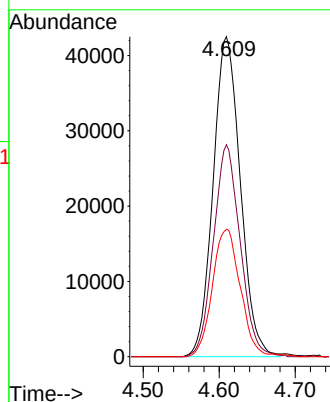
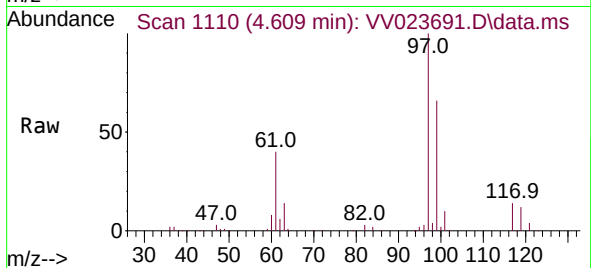
Tgt Ion: 97 Resp: 105691

Ion Ratio Lower Upper

97 100

99 65.1 51.9 77.9

61 40.7 33.2 49.8



#30

Cyclohexane

Concen: 4.986 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

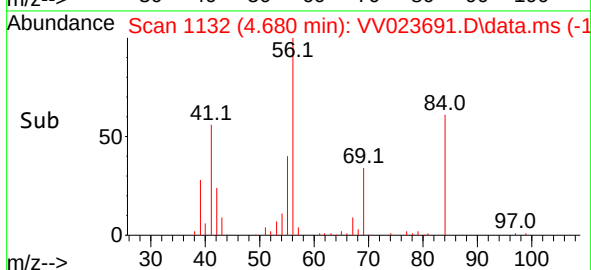
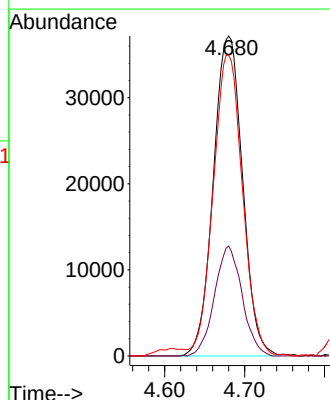
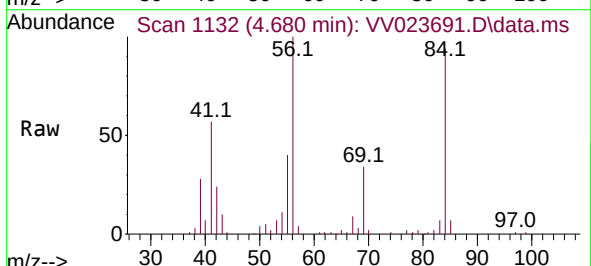
Tgt Ion: 56 Resp: 94250

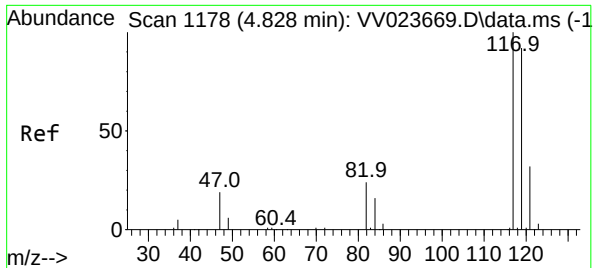
Ion Ratio Lower Upper

56 100

69 32.4 24.8 37.2

84 94.5 75.9 113.9

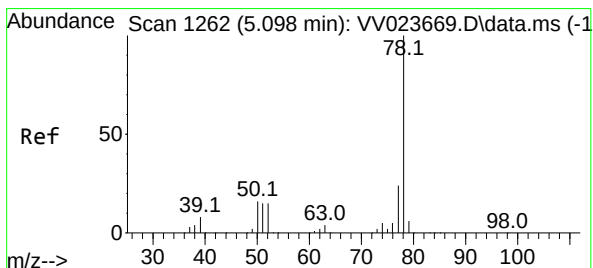
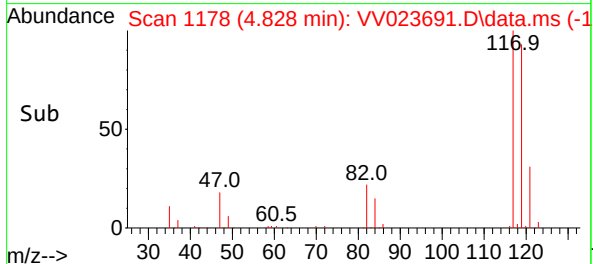
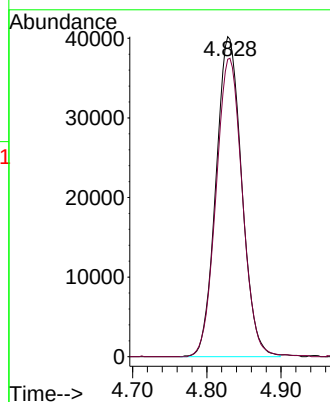
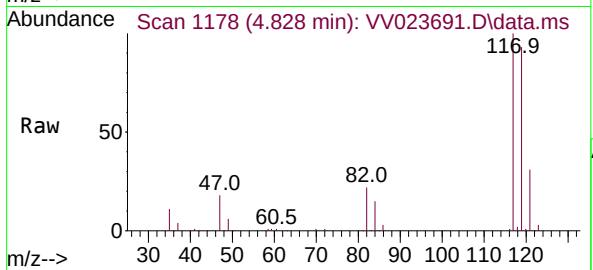




#31
Carbon tetrachloride
Concen: 4.675 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

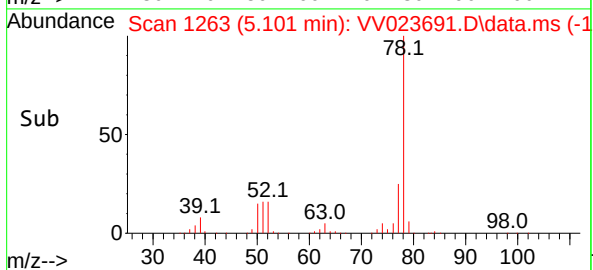
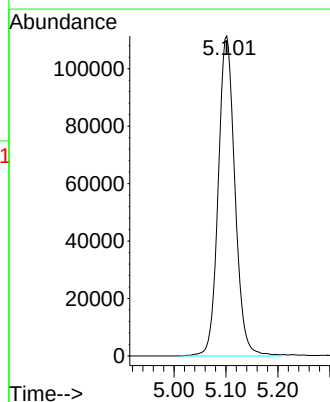
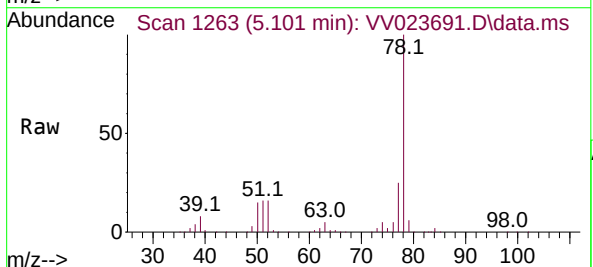
Instrument :
MSVOA_V
ClientSampleId :

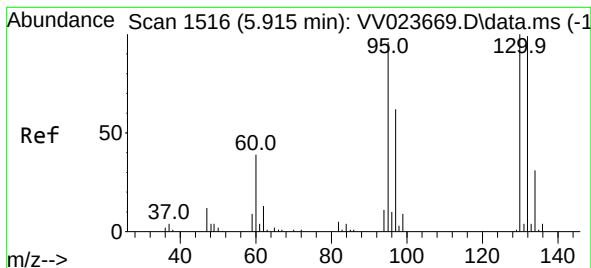
Tgt Ion:117 Resp: 97011
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8



#33
Benzene
Concen: 5.045 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

Tgt Ion: 78 Resp: 249346





#34

Trichloroethene

Concen: 4.846 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 64152

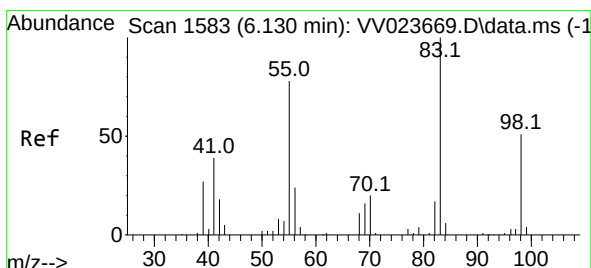
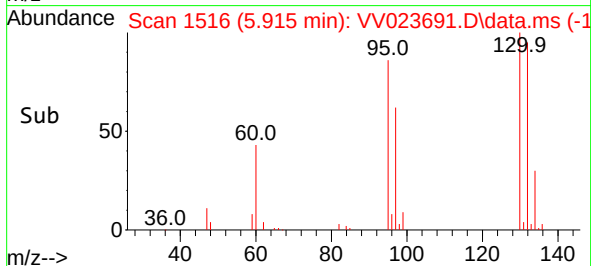
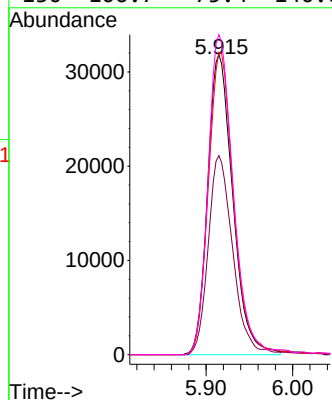
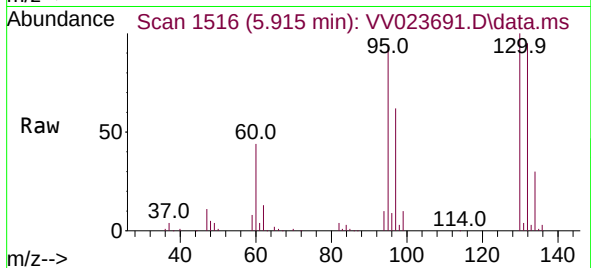
Ion Ratio Lower Upper

95 100

97 66.3 45.2 84.0

132 100.8 76.1 141.3

130 106.7 75.4 140.0



#35

Methylcyclohexane

Concen: 5.012 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

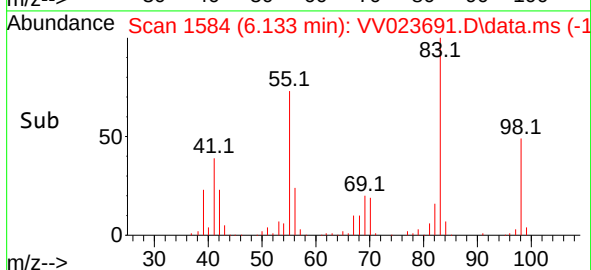
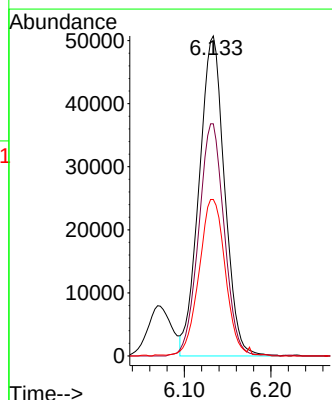
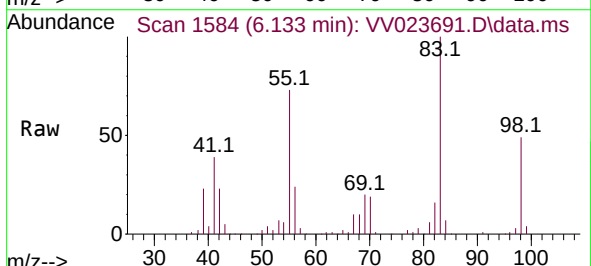
Tgt Ion: 83 Resp: 103442

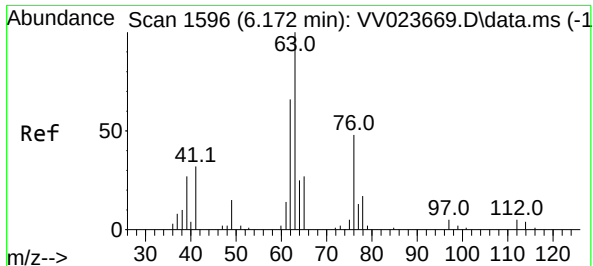
Ion Ratio Lower Upper

83 100

55 72.9 60.2 90.2

98 50.8 41.0 61.4





#37

1,2-Dichloropropane

Concen: 4.665 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

Instrument :

MSVOA_V

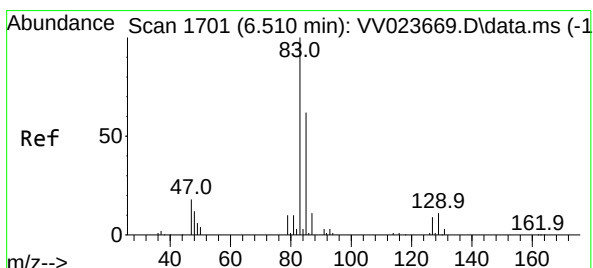
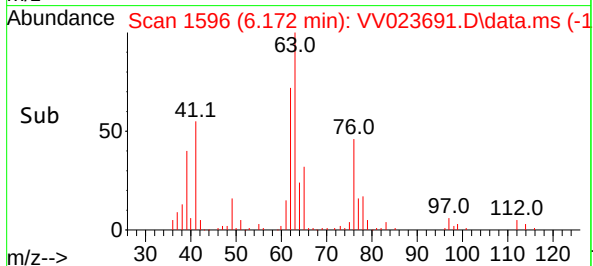
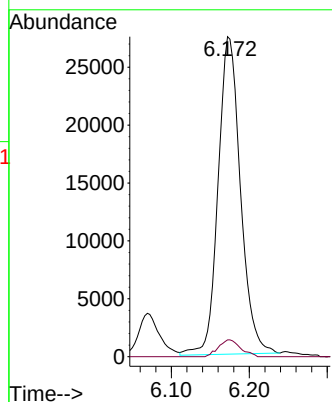
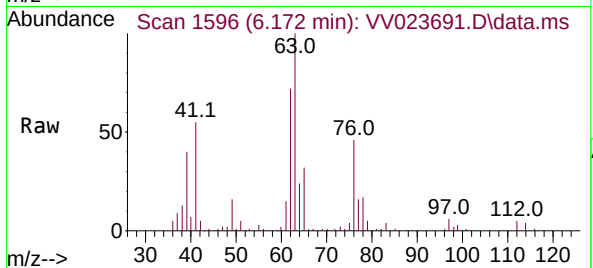
ClientSampleId :

Tgt Ion: 63 Resp: 54802

Ion Ratio Lower Upper

63 100

112 5.2 4.3 6.5



#38

Bromodichloromethane

Concen: 4.710 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

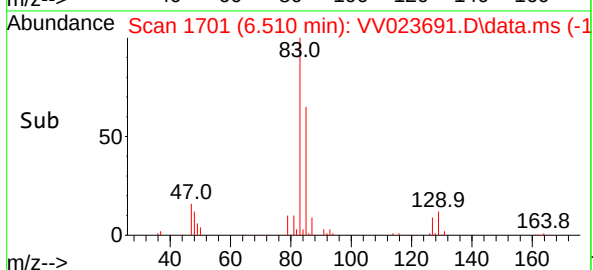
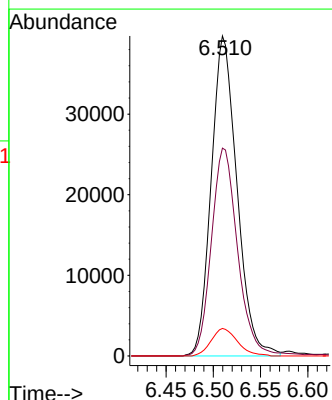
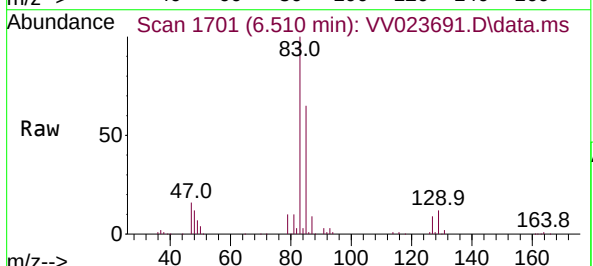
Tgt Ion: 83 Resp: 75102

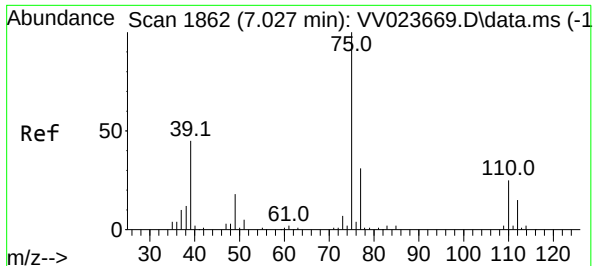
Ion Ratio Lower Upper

83 100

85 65.0 44.0 81.8

127 8.6 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.939 ug/L

RT: 7.031 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

Instrument :

MSVOA_V

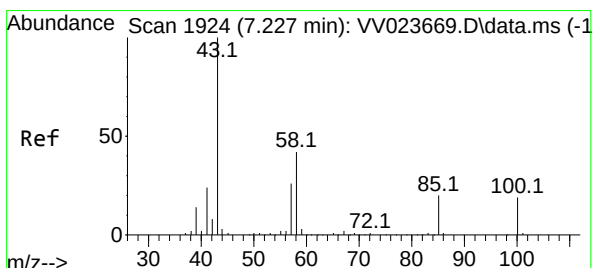
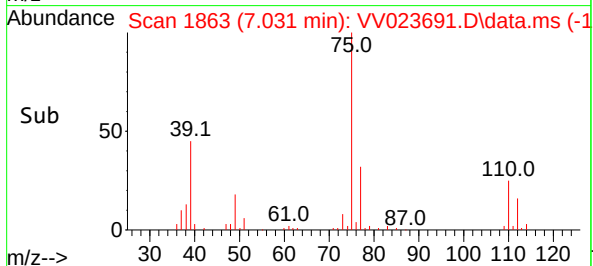
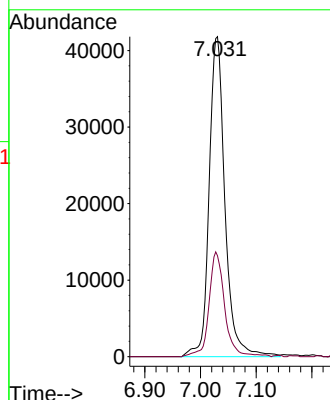
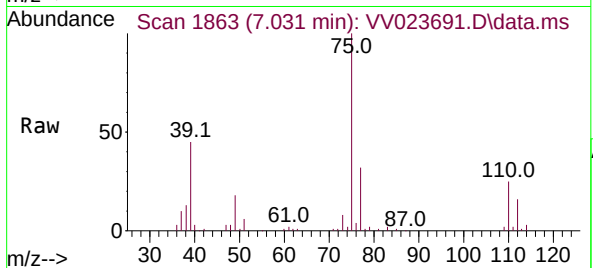
ClientSampleId :

Tgt Ion: 75 Resp: 82564

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 50.995 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

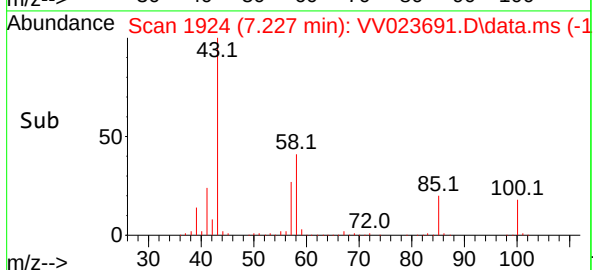
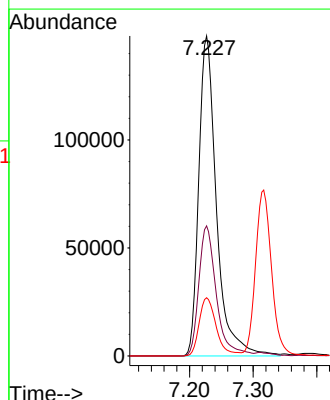
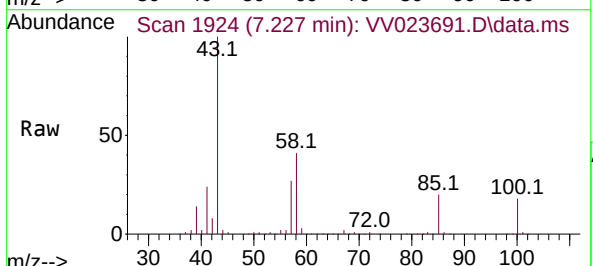
Tgt Ion: 43 Resp: 285968

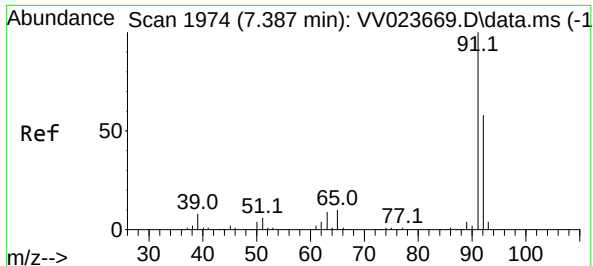
Ion Ratio Lower Upper

43 100

58 40.2 32.3 48.5

100 17.7 13.0 19.6





#42

Toluene

Concen: 5.010 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

Instrument :

MSVOA_V

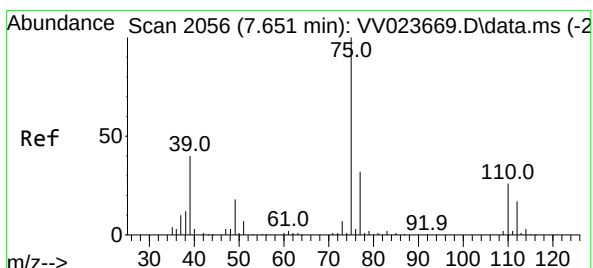
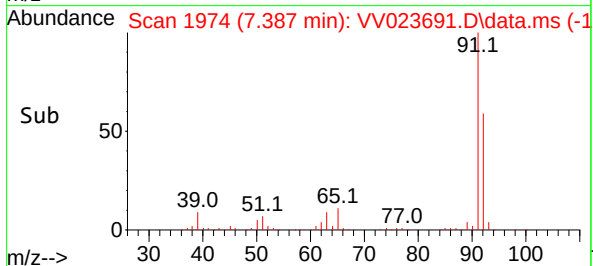
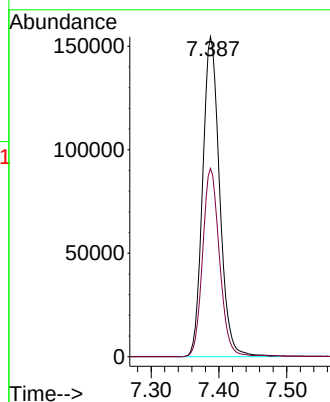
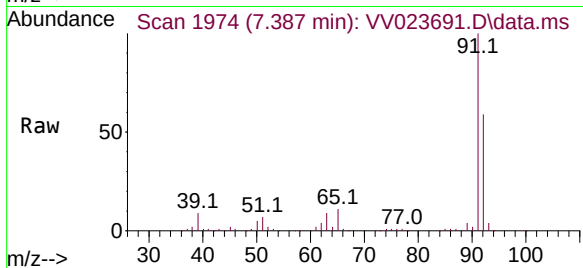
ClientSampleId :

Tgt Ion: 91 Resp: 268512

Ion Ratio Lower Upper

91 100

92 58.8 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.891 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV023691.D

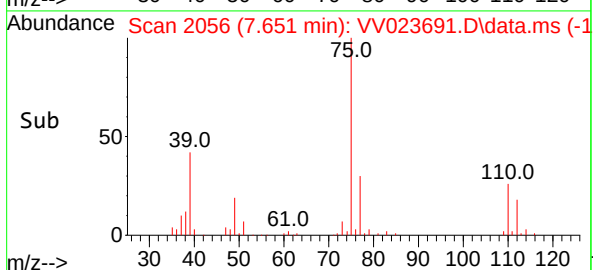
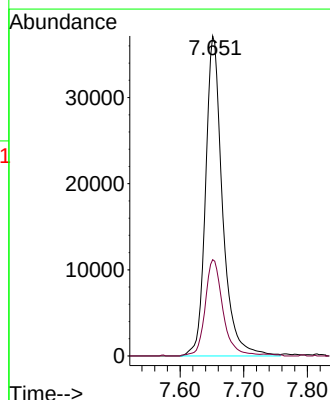
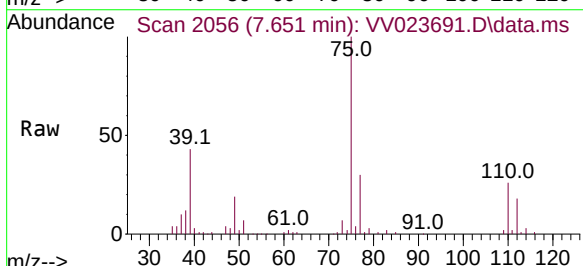
Acq: 23 Nov 2021 23:16

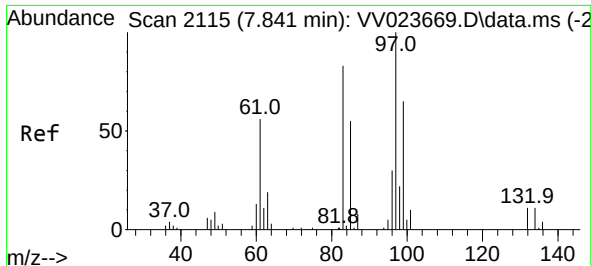
Tgt Ion: 75 Resp: 68717

Ion Ratio Lower Upper

75 100

77 30.1 21.8 40.4

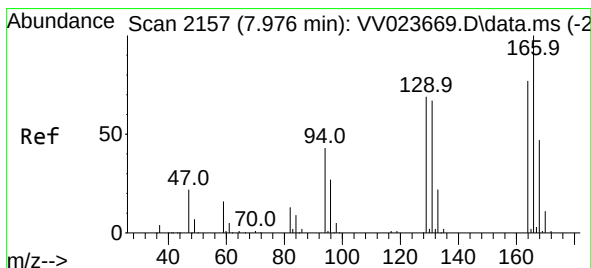
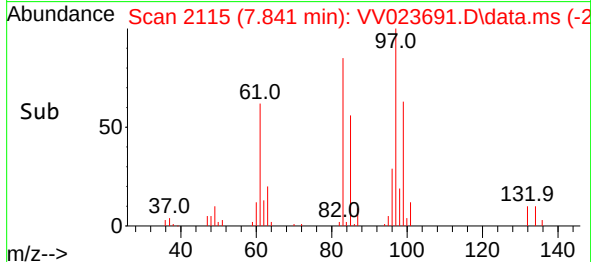
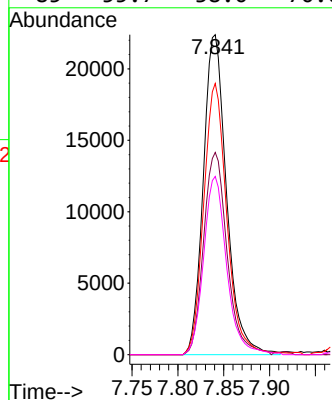
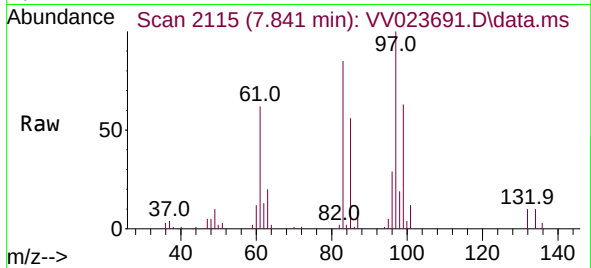




#45
1,1,2-Trichloroethane
Concen: 4.857 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

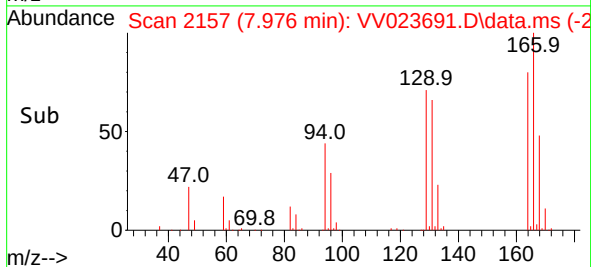
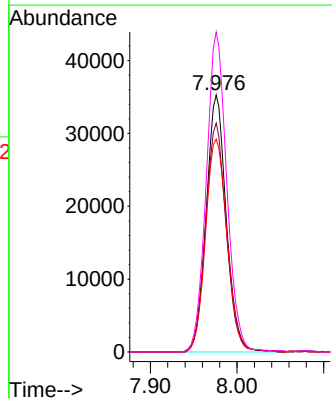
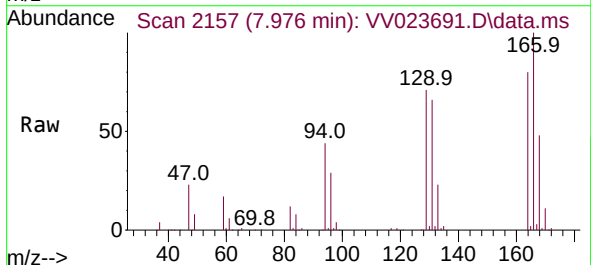
Instrument :
MSVOA_V
ClientSampleId :

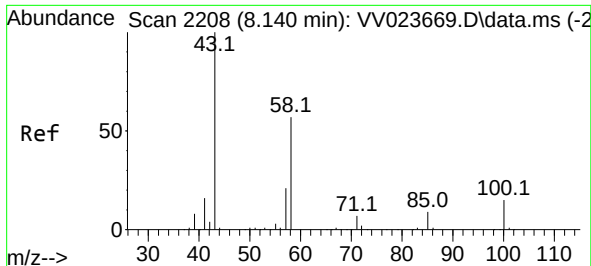
Tgt Ion:	97	Resp:	39505
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.1	80.1
83	84.7	57.9	107.5
85	55.7	38.0	70.6



#47
Tetrachloroethene
Concen: 4.727 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

Tgt Ion:	164	Resp:	56959
Ion	Ratio	Lower	Upper
164	100		
129	89.0	62.6	116.2
131	82.8	61.0	113.4
166	124.6	87.3	162.1

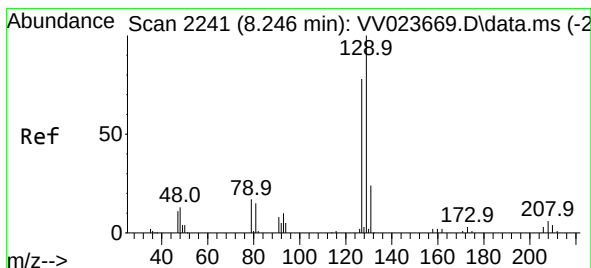
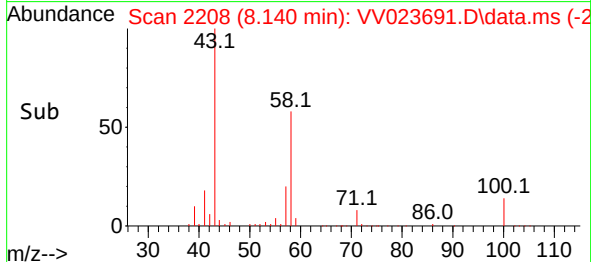
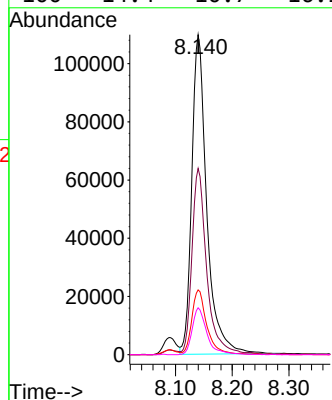
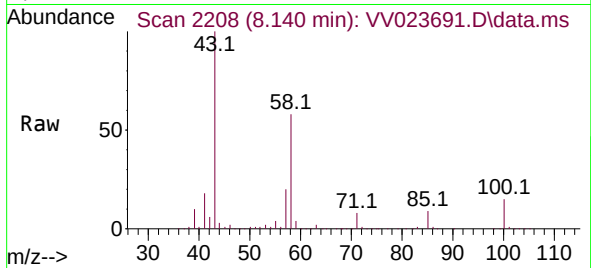




#48
2-Hexanone
Concen: 48.668 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

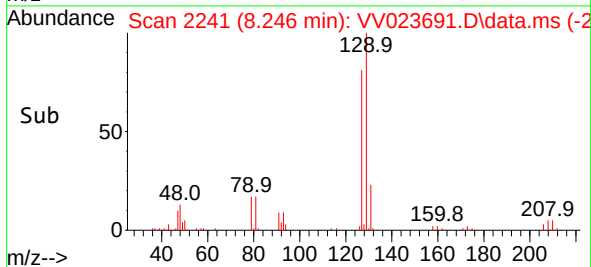
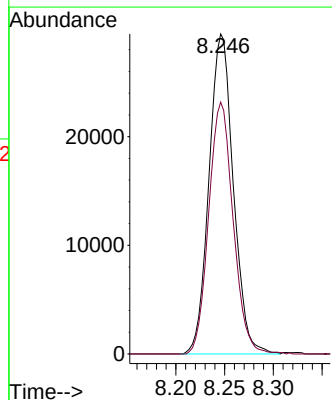
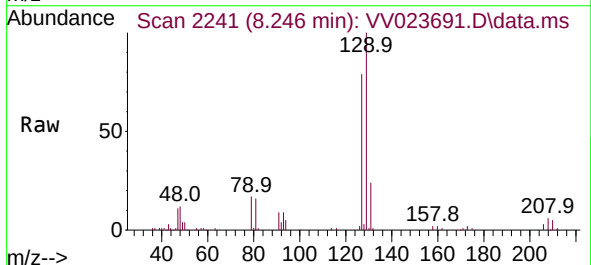
Instrument :
MSVOA_V
ClientSampleId :

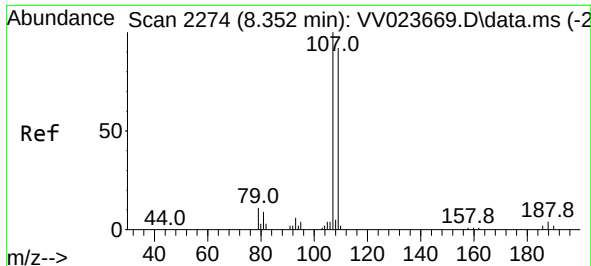
Tgt Ion: 43 Resp: 201714
Ion Ratio Lower Upper
43 100
58 55.6 44.5 66.7
57 19.5 15.1 22.7
100 14.4 10.7 16.1



#49
Dibromochloromethane
Concen: 4.593 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

Tgt Ion: 129 Resp: 51198
Ion Ratio Lower Upper
129 100
127 78.7 53.5 99.3





#50

1,2-Dibromoethane

Concen: 4.827 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023691.D

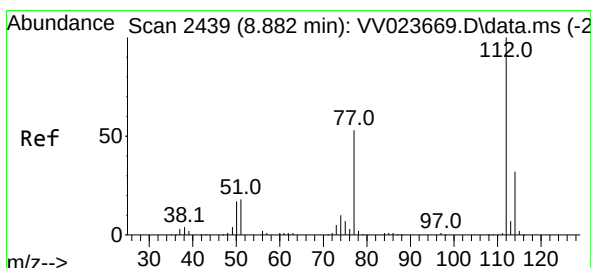
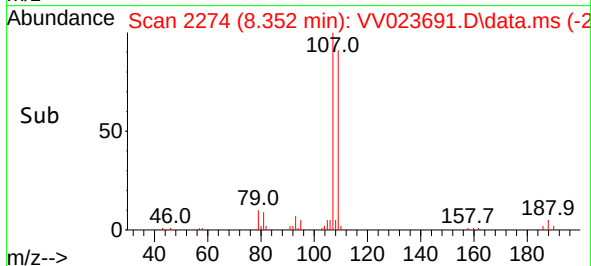
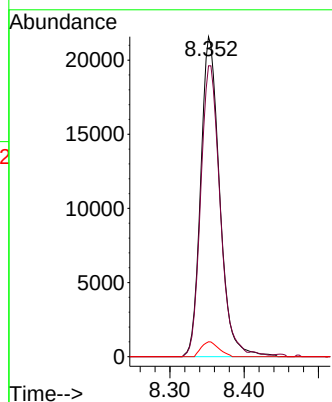
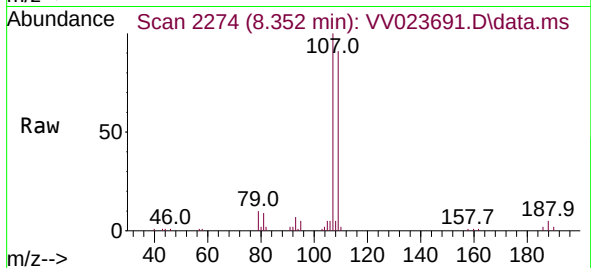
Acq: 23 Nov 2021 23:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	38287
Ion	Ratio	Lower	Upper
107	100		
109	90.9	62.5	116.1
188	4.7	3.4	5.2



#51

Chlorobenzene

Concen: 4.855 ug/L

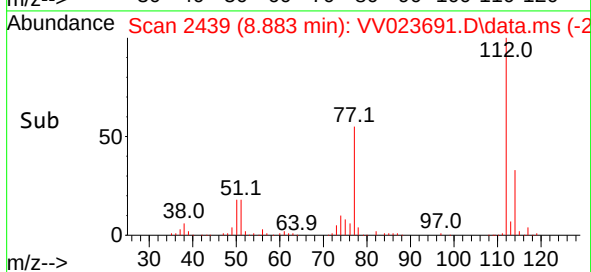
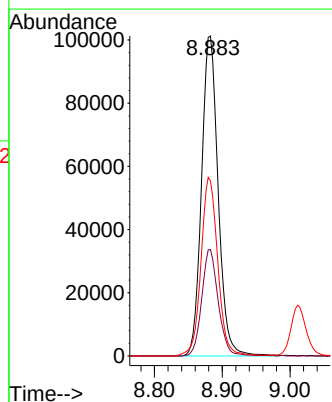
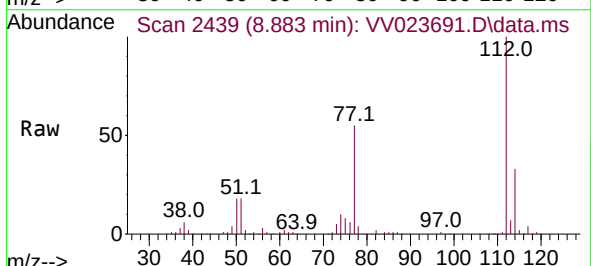
RT: 8.883 min Scan# 2439

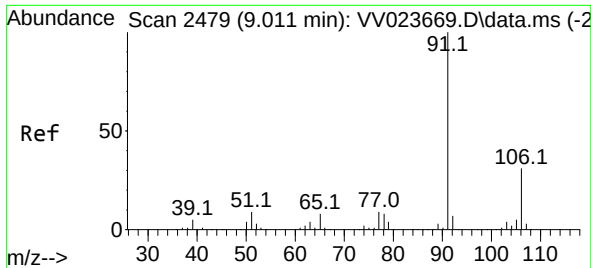
Delta R.T. 0.000 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

Tgt Ion:	112	Resp:	172499
Ion	Ratio	Lower	Upper
112	100		
114	33.3	23.3	43.3
77	54.7	43.3	64.9

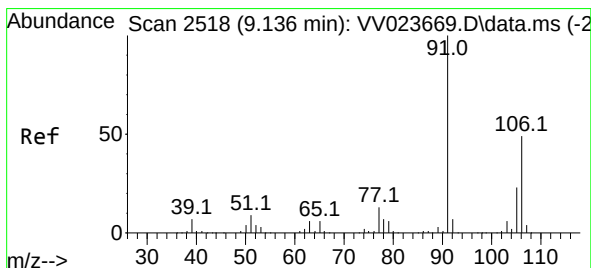
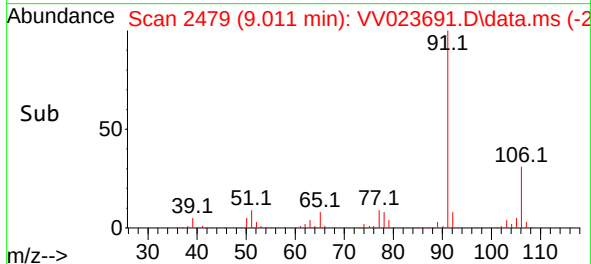
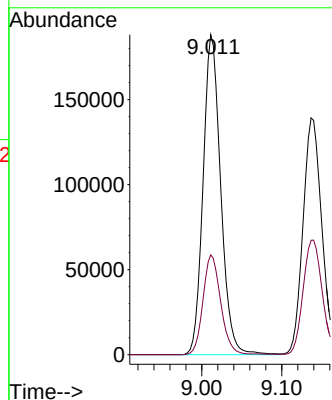
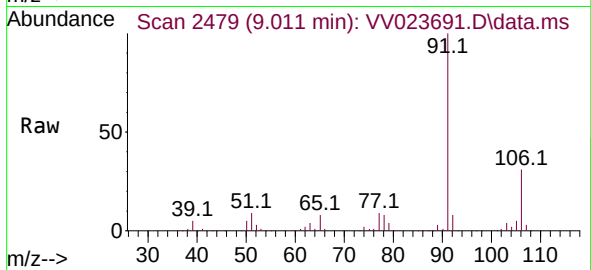




#52
Ethylbenzene
Concen: 5.155 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

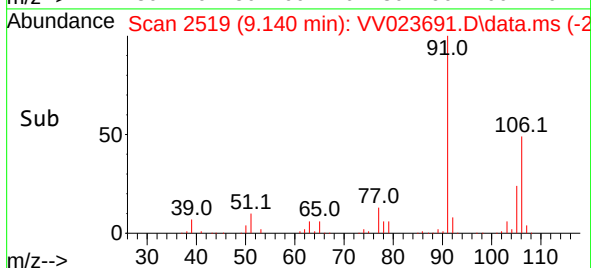
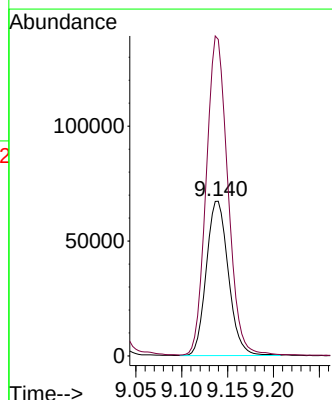
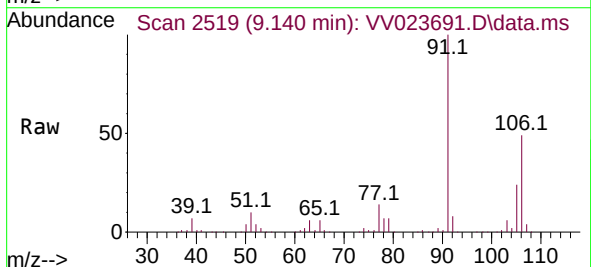
Instrument :
MSVOA_V
ClientSampleId :

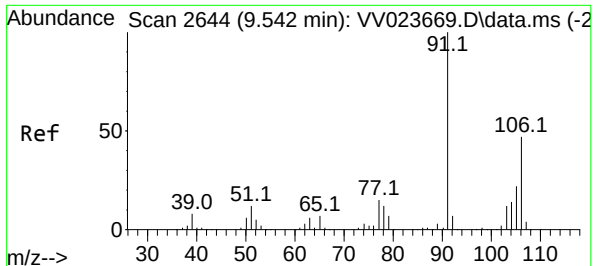
Tgt Ion: 91 Resp: 288812
Ion Ratio Lower Upper
91 100
106 31.2 22.0 41.0



#53
m,p-xylene
Concen: 5.036 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

Tgt Ion: 106 Resp: 112295
Ion Ratio Lower Upper
106 100
91 204.6 139.5 259.1

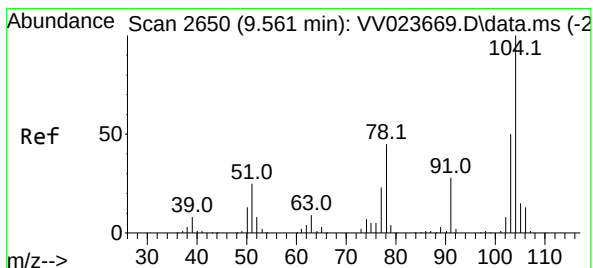
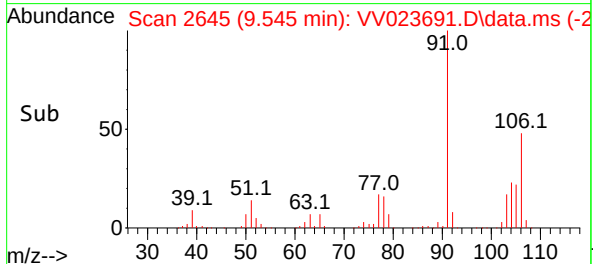
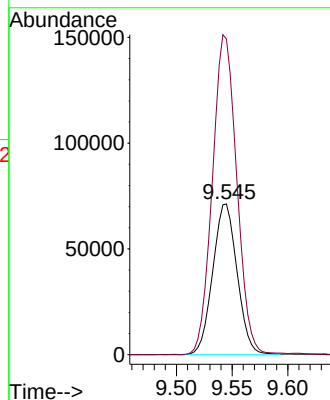
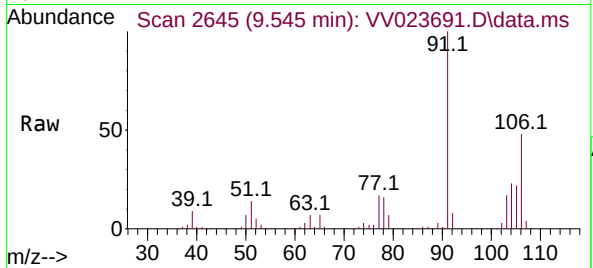




#54
o-xylene
Concen: 5.117 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

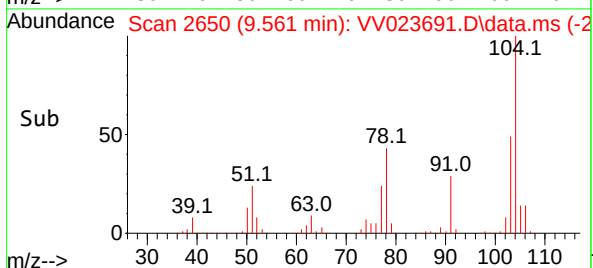
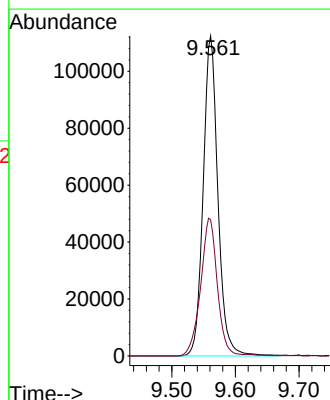
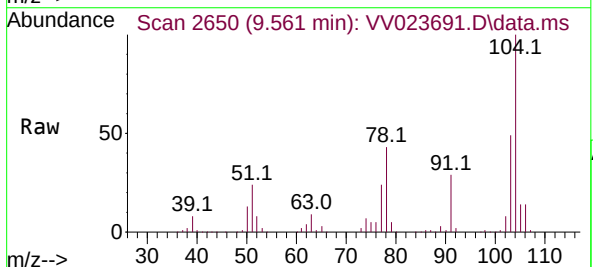
Instrument :
MSVOA_V
ClientSampleId :

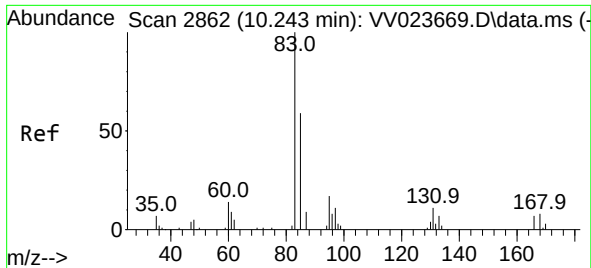
Tgt Ion:106 Resp: 108510
Ion Ratio Lower Upper
106 100
91 209.5 147.9 274.7



#55
Styrene
Concen: 5.063 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

Tgt Ion:104 Resp: 180892
Ion Ratio Lower Upper
104 100
78 42.6 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.927 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

Instrument :

MSVOA_V

ClientSampleId :

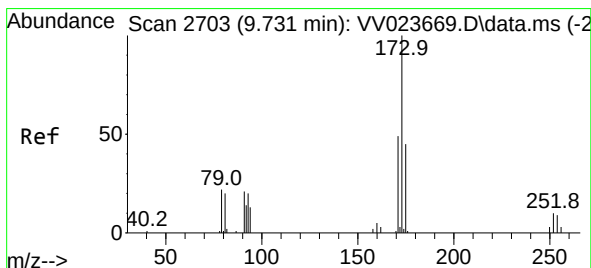
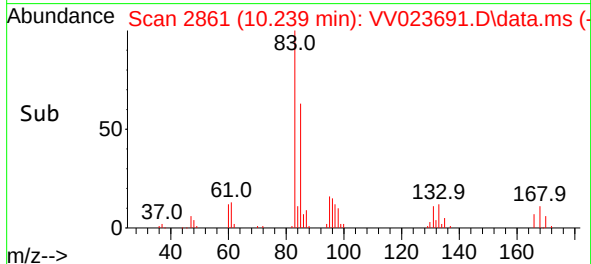
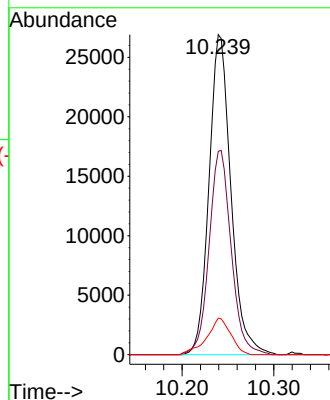
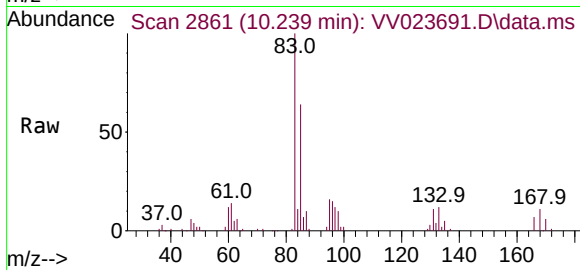
Tgt Ion: 83 Resp: 44593

Ion Ratio Lower Upper

83 100

85 63.5 44.6 82.8

131 11.4 8.3 12.5



#59

Bromoform

Concen: 4.615 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

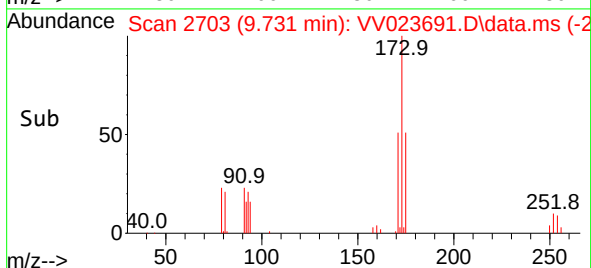
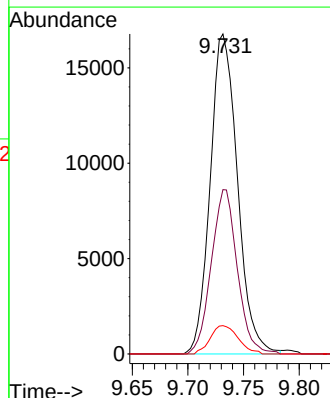
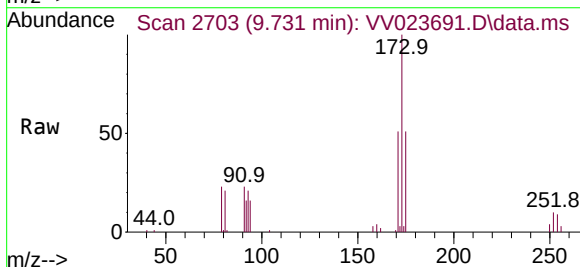
Tgt Ion: 173 Resp: 28583

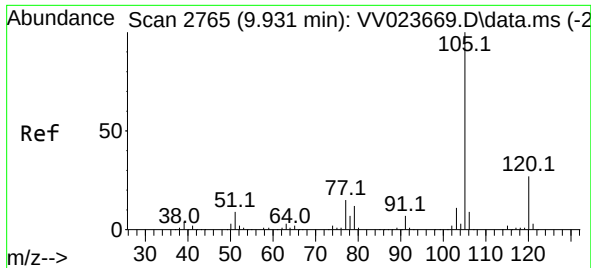
Ion Ratio Lower Upper

173 100

175 48.9 39.4 59.2

254 9.1 7.4 11.0

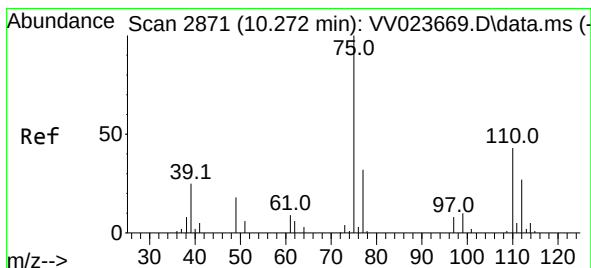
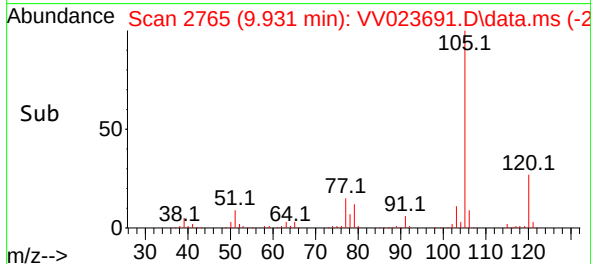
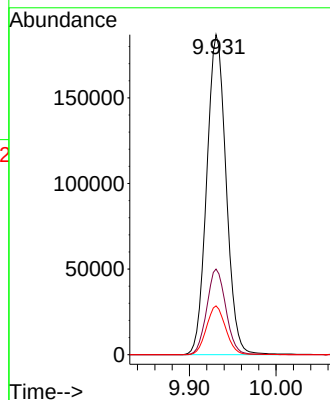
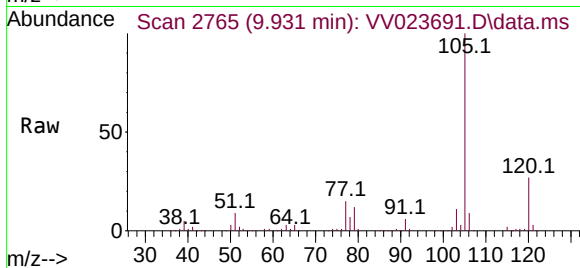




#60
Isopropylbenzene
Concen: 5.195 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

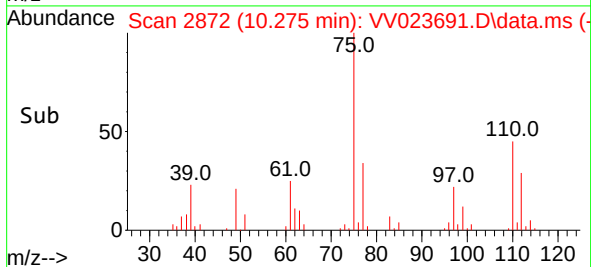
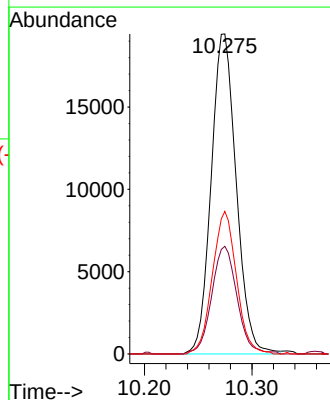
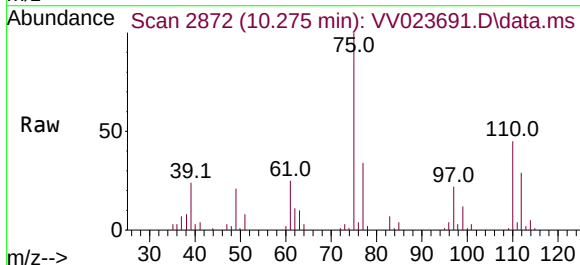
Instrument :
MSVOA_V
ClientSampleId :

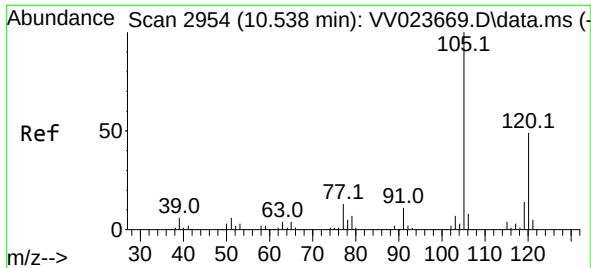
Tgt Ion:105 Resp: 290909
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 15.2 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.736 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023691.D
Acq: 23 Nov 2021 23:16

Tgt Ion: 75 Resp: 31500
Ion Ratio Lower Upper
75 100
77 34.0 26.4 39.6
110 42.8 34.2 51.2

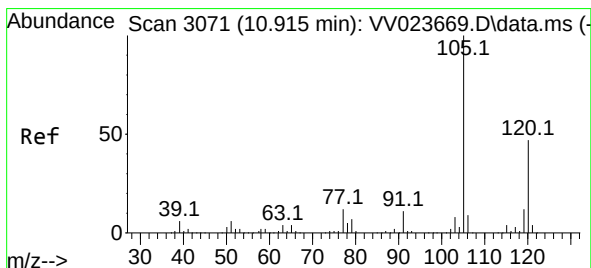
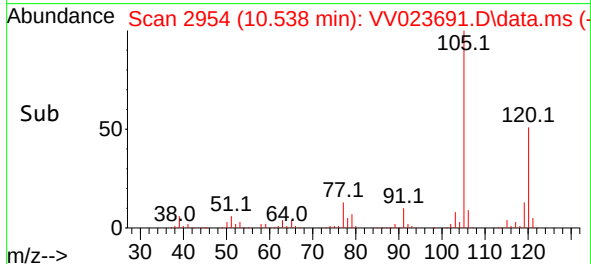
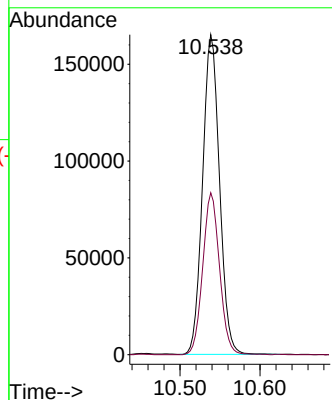
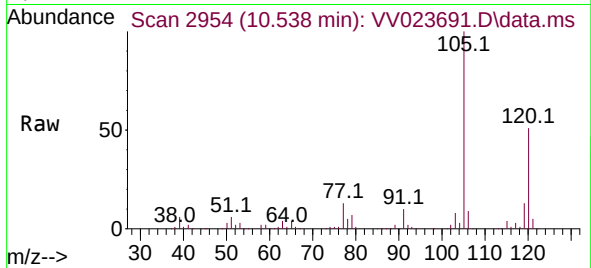




#62
 1,3,5-Trimethylbenzene
 Concen: 5.231 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV023691.D
 Acq: 23 Nov 2021 23:16

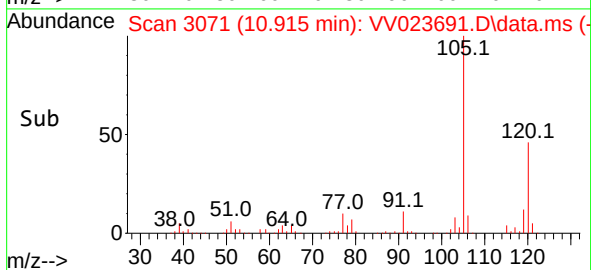
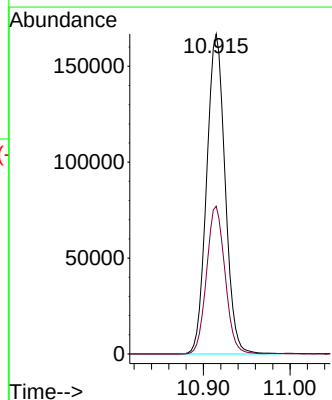
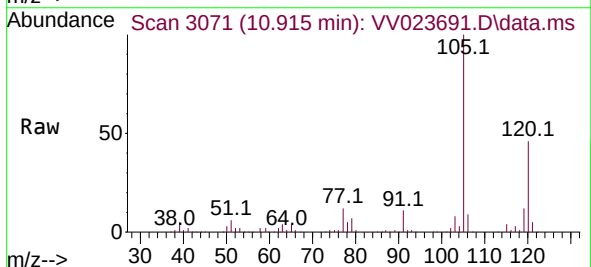
Instrument :
 MSVOA_V
 ClientSampleId :

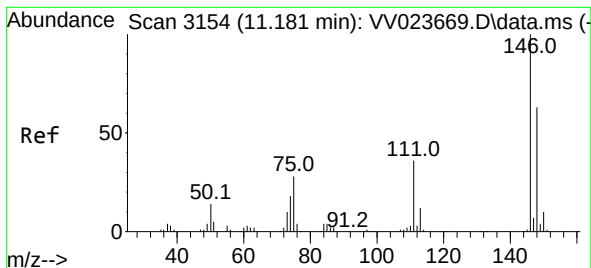
Tgt Ion:105 Resp: 243726
 Ion Ratio Lower Upper
 105 100
 120 50.2 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.358 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023691.D
 Acq: 23 Nov 2021 23:16

Tgt Ion:105 Resp: 246887
 Ion Ratio Lower Upper
 105 100
 120 46.2 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 4.970 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

Instrument :

MSVOA_V

ClientSampleId :

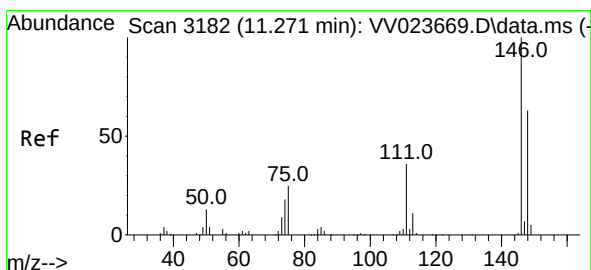
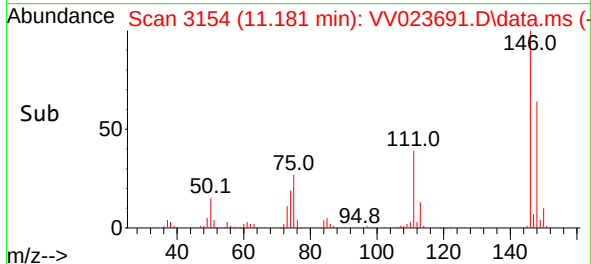
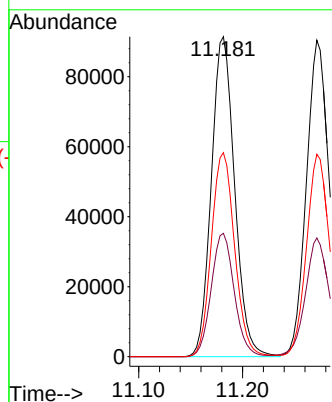
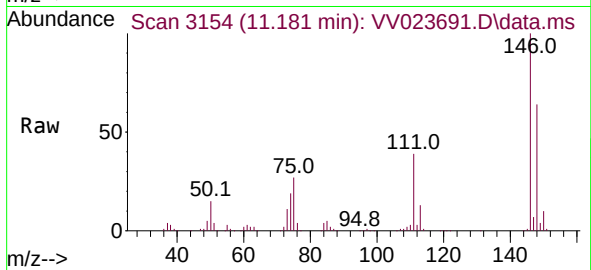
Tgt Ion:146 Resp: 142286

Ion Ratio Lower Upper

146 100

111 38.6 26.3 48.9

148 63.8 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 4.816 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

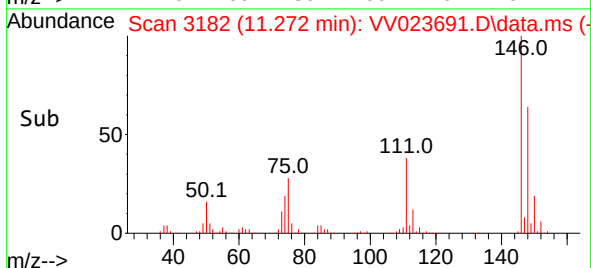
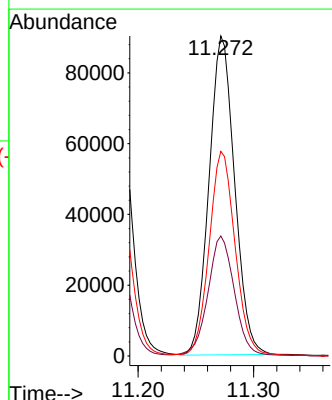
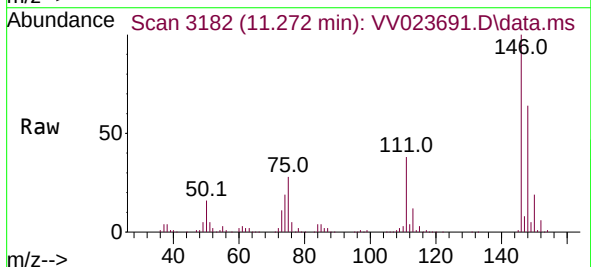
Tgt Ion:146 Resp: 138567

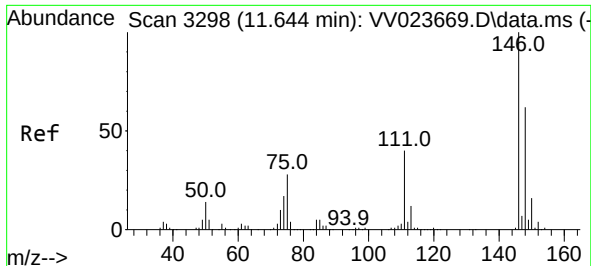
Ion Ratio Lower Upper

146 100

111 37.5 25.6 47.6

148 64.0 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.914 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

Instrument :

MSVOA_V

ClientSampleId :

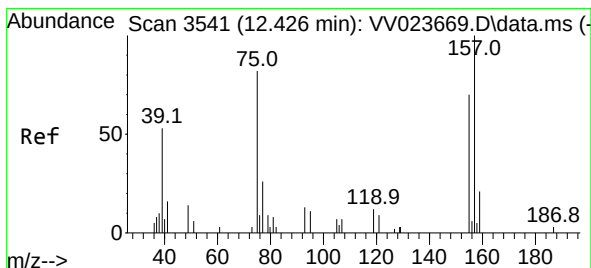
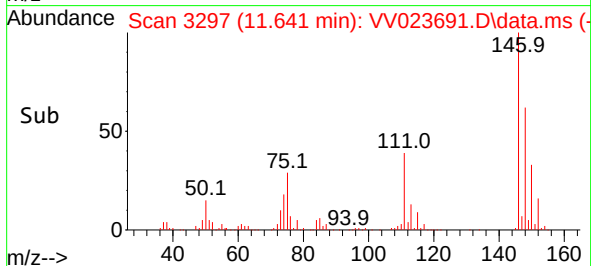
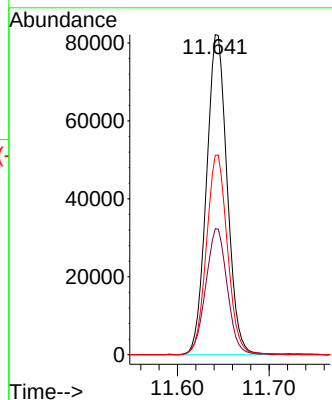
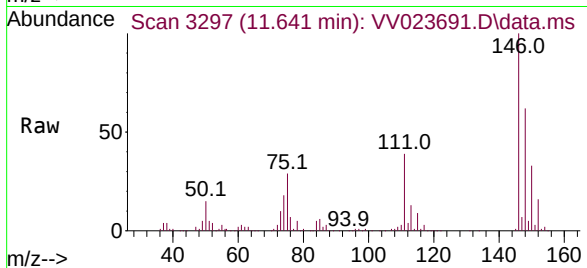
Tgt Ion:146 Resp: 128748

Ion Ratio Lower Upper

146 100

111 39.3 31.9 47.9

148 62.3 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.170 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

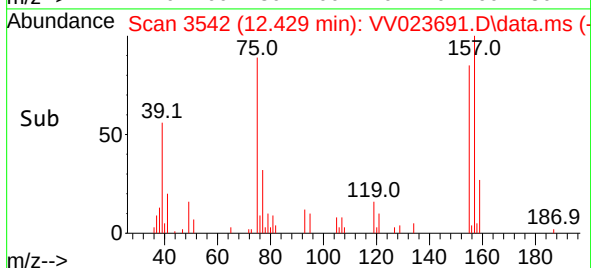
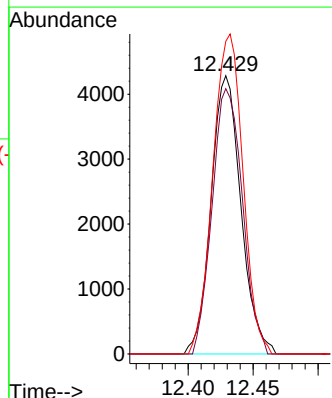
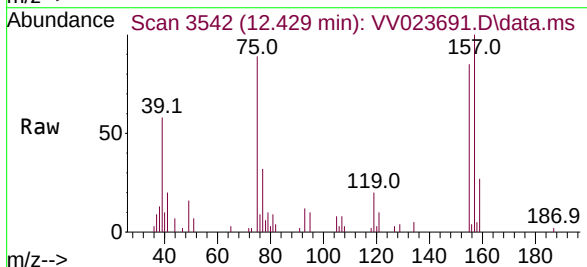
Tgt Ion: 75 Resp: 6828

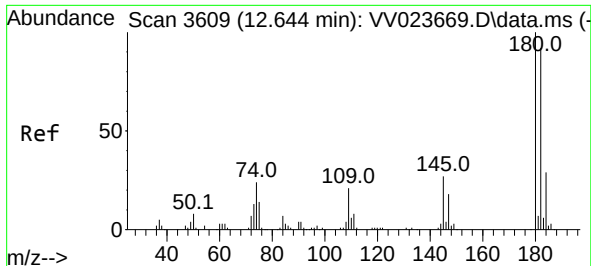
Ion Ratio Lower Upper

75 100

155 95.4 71.7 107.5

157 112.4 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 5.047 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

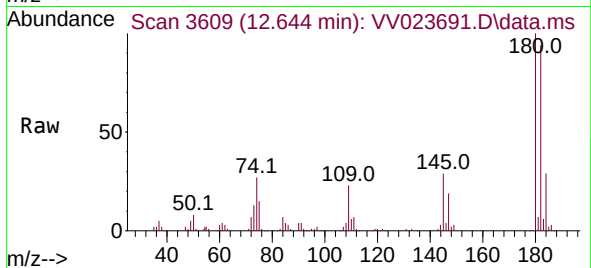
Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 112806

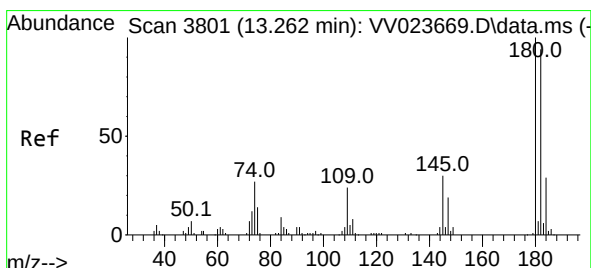
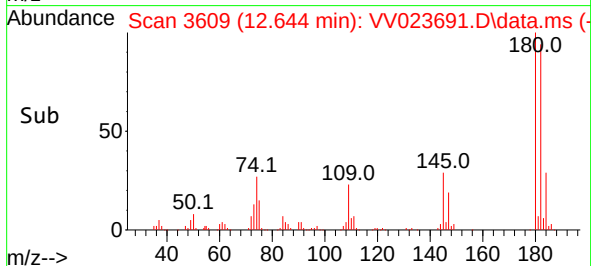
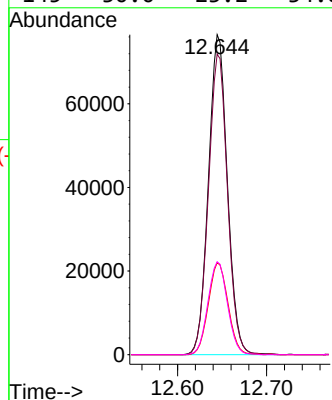
Ion Ratio Lower Upper

180 100

182 94.6 76.4 114.6

184 29.9 24.2 36.4

145 30.0 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.185 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

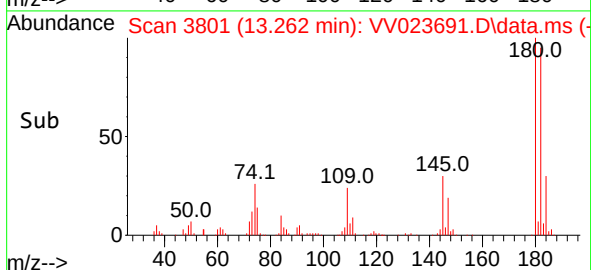
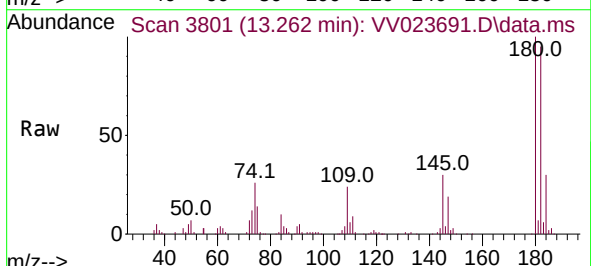
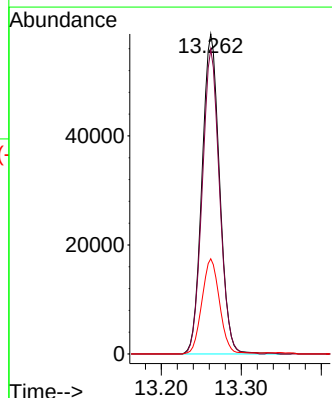
Tgt Ion:180 Resp: 89919

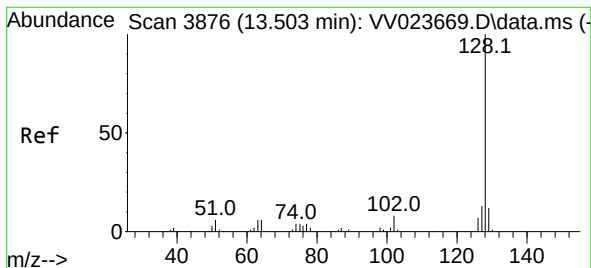
Ion Ratio Lower Upper

180 100

182 93.7 74.4 111.6

145 29.8 23.3 34.9





#71

Naphthalene

Concen: 5.552 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

Instrument :

MSVOA_V

ClientSampleId :

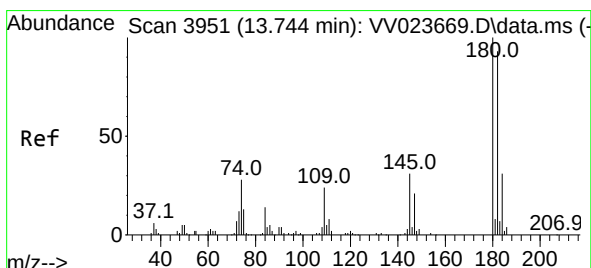
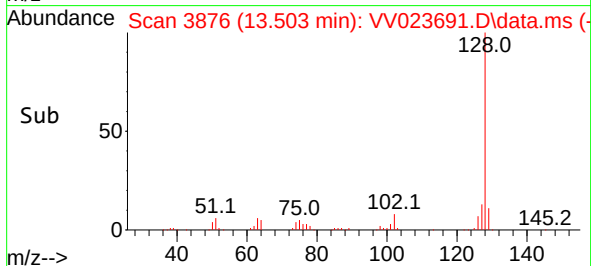
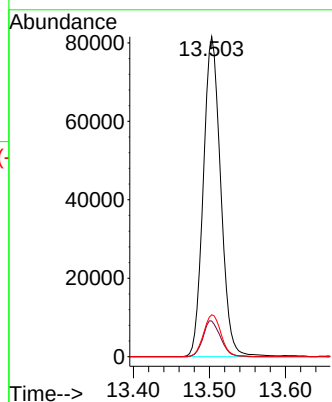
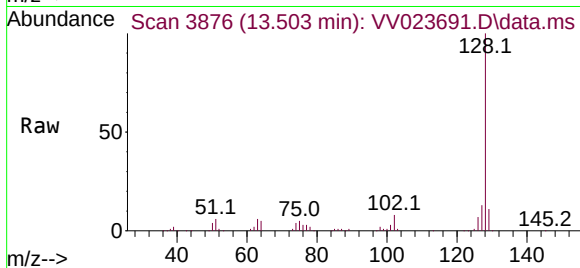
Tgt Ion:128 Resp: 129584

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.3 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.262 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023691.D

Acq: 23 Nov 2021 23:16

Tgt Ion:180 Resp: 79080

Ion Ratio Lower Upper

180 100

182 94.6 76.8 115.2

145 32.5 25.8 38.6

