

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023665.D
 Acq On : 23 Nov 2021 12:21
 Operator : SY/MD
 Sample : VSTD00555
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 03:43:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 03:41:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	161910	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	162106	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	91564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56971	5.549	ug/L	0.00
7) Chloroethane-d5	1.568	69	43585	5.272	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	108894	5.633	ug/L	0.00
20) 2-Butanone-d5	3.908	46	57110	34.004	ug/L	0.00
24) Chloroform-d	4.349	84	101829	4.842	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	46675	4.902	ug/L	0.00
32) Benzene-d6	5.050	84	196877	4.841	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	54666	4.606	ug/L	0.00
41) Toluene-d8	7.316	98	194871	5.084	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	22937	5.024	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	77113	47.127	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39932	4.683	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	70211	4.720	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	82259	5.219	ug/L	100
3) Chloromethane	1.240	50	70417	5.232	ug/L	100
5) Vinyl chloride	1.310	62	74461	5.482	ug/L	100
6) Bromomethane	1.523	94	41239	4.901	ug/L	100
8) Chloroethane	1.587	64	44764	5.647	ug/L	100
9) Trichlorofluoromethane	1.754	101	122309	5.881	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	60910	5.832	ug/L	100
12) 1,1-Dichloroethene	2.121	96	58572	5.857	ug/L	100
13) Acetone	2.198	43	58040	50.548	ug/L	88
14) Carbon disulfide	2.294	76	196771	5.365	ug/L	100
15) Methyl Acetate	2.445	43	16309	5.247	ug/L	100
16) Methylene chloride	2.506	84	67575	4.738	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	121456	5.613	ug/L	100
18) trans-1,2-Dichloroethene	2.760	96	66134	5.500	ug/L	100
19) 1,1-Dichloroethane	3.191	63	112045	5.522	ug/L	100
21) 2-Butanone	3.998	43	65825	37.789	ug/L	79
22) cis-1,2-Dichloroethene	3.915	96	65000	5.594	ug/L	100
23) Bromochloromethane	4.249	128	30157	5.635	ug/L	100
25) Chloroform	4.374	83	124832	5.696	ug/L	100
27) 1,2-Dichloroethane	5.133	62	68615	5.866	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	115657	5.717	ug/L	100
30) Cyclohexane	4.680	56	97856	5.464	ug/L	100
31) Carbon tetrachloride	4.828	117	106751	5.841	ug/L	100
33) Benzene	5.101	78	257319	5.603	ug/L	100
34) Trichloroethene	5.915	95	67848	5.518	ug/L	100
35) Methylcyclohexane	6.130	83	107479	5.541	ug/L	100
37) 1,2-Dichloropropane	6.172	63	59913	5.604	ug/L	100
38) Bromodichloromethane	6.509	83	82528	5.663	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	86594	5.585	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	302741	59.764	ug/L	100
42) Toluene	7.387	91	292237	5.902	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	74129	5.782	ug/L	100

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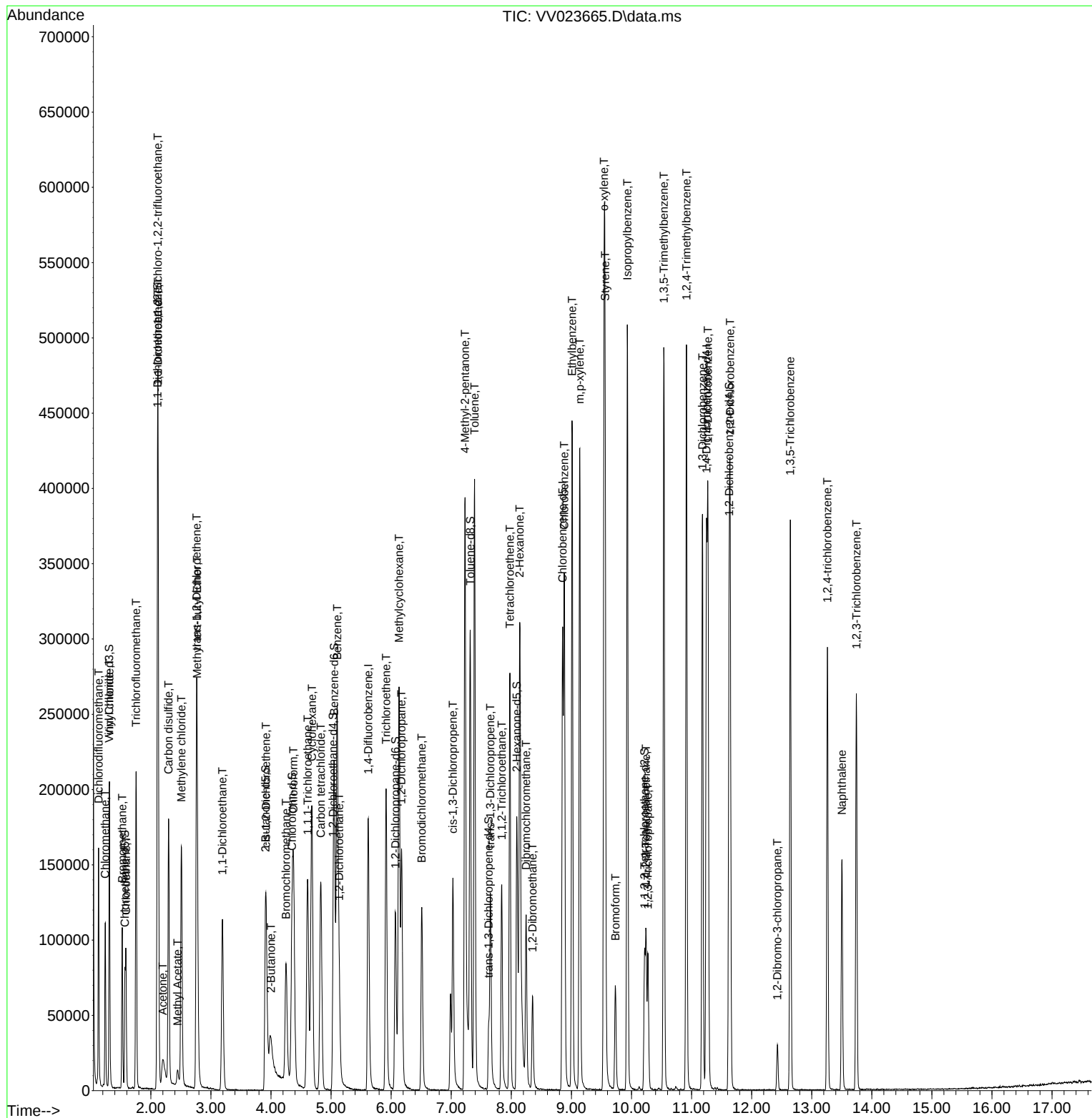
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	44171	5.658	ug/L	100
47) Tetrachloroethene	7.976	164	62704	5.837	ug/L	100
48) 2-Hexanone	8.140	43	228843	64.947	ug/L	100
49) Dibromochloromethane	8.246	129	59008	5.931	ug/L	100
50) 1,2-Dibromoethane	8.355	107	42576	5.921	ug/L	100
51) Chlorobenzene	8.882	112	185962	5.658	ug/L	100
52) Ethylbenzene	9.011	91	299851	5.734	ug/L	100
53) m,p-xylene	9.140	106	123130	5.954	ug/L	100
54) o-xylene	9.545	106	114014	5.912	ug/L	100
55) Styrene	9.561	104	202665	6.115	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	48211	5.683	ug/L	100
59) Bromoform	9.731	173	33094	5.874	ug/L	100
60) Isopropylbenzene	9.931	105	311545	5.800	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	34814	5.642	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	255310	5.728	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	261096	5.883	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	155255	5.681	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	154695	5.556	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	140874	5.732	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	7161	5.470	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	118662	5.518	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	91708	5.360	ug/L	100
71) Naphthalene	13.503	128	122298	4.936	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	81397	5.446	ug/L	100

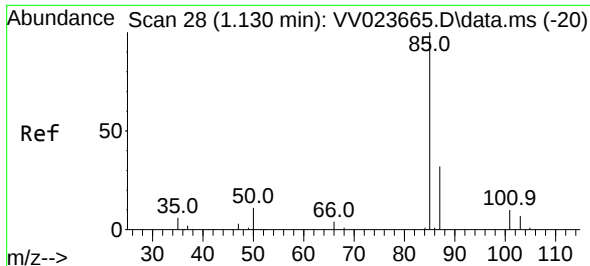
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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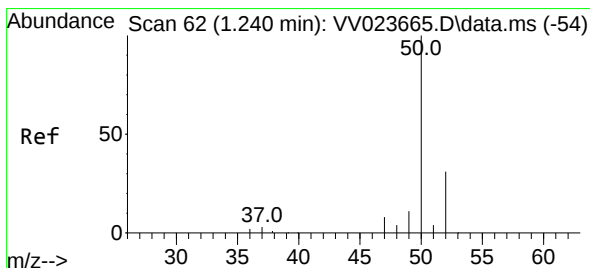
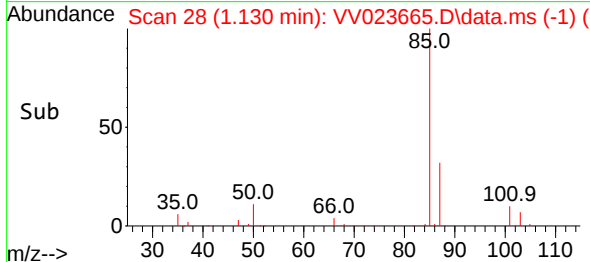
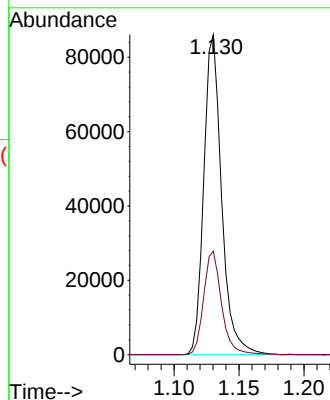
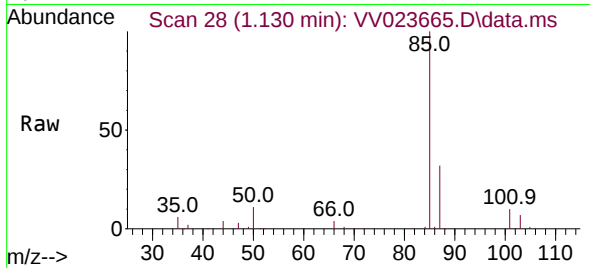




#2
 Dichlorodifluoromethane
 Concen: 5.219 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV023665.D
 Acq: 23 Nov 2021 12:21

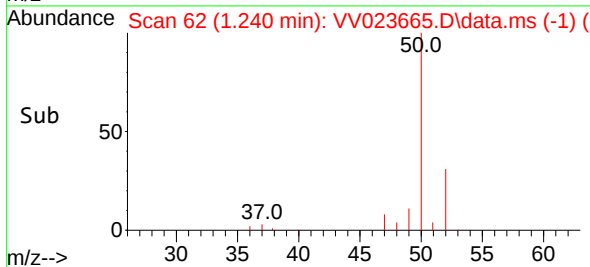
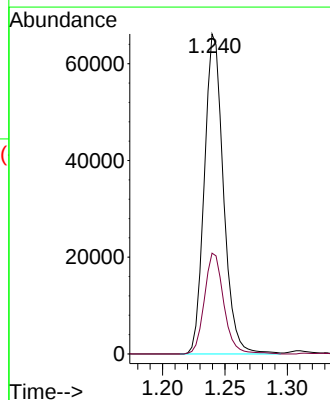
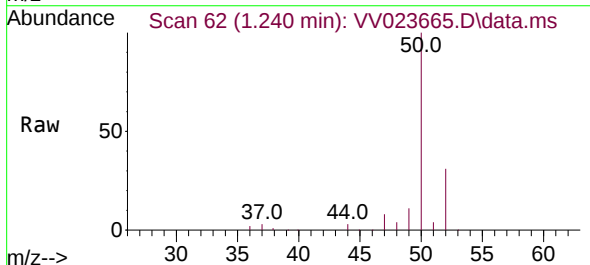
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 ClientSampleId :

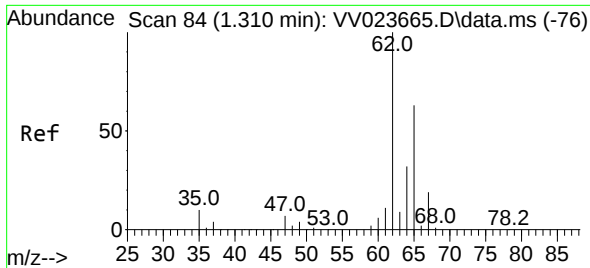
Tgt Ion: 85 Resp: 82259
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 5.232 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023665.D
 Acq: 23 Nov 2021 12:21

Tgt Ion: 50 Resp: 70417
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.0 41.0

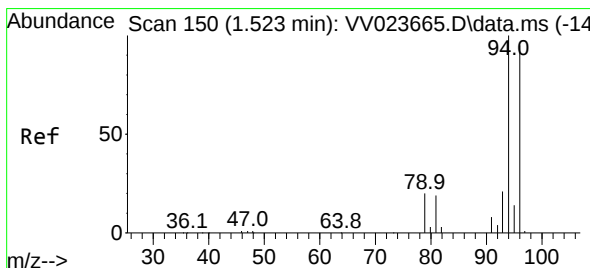
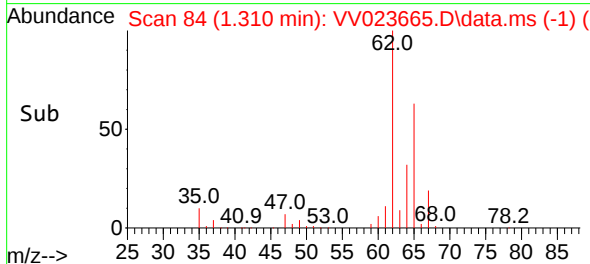
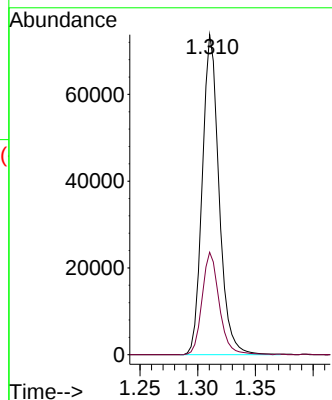
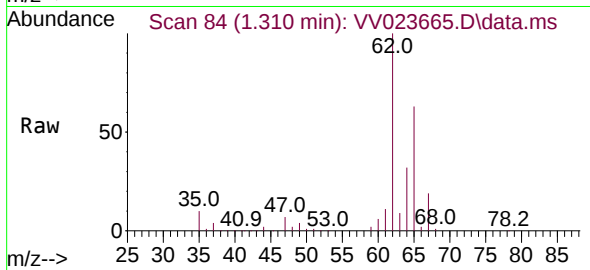




#5
 Vinyl chloride
 Concen: 5.482 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023665.D
 Acq: 23 Nov 2021 12:21

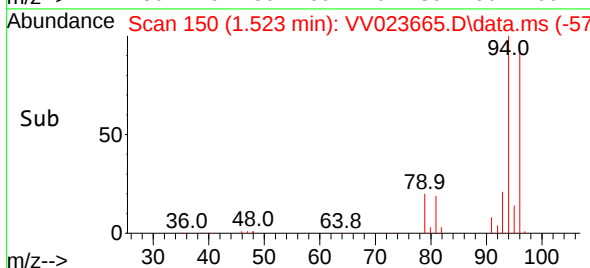
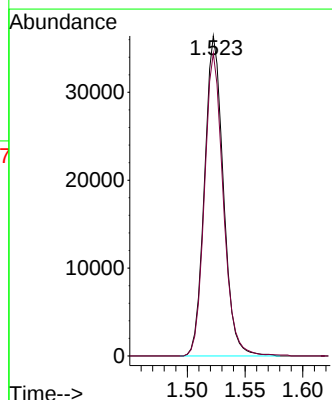
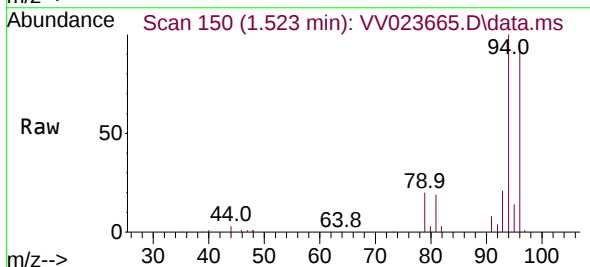
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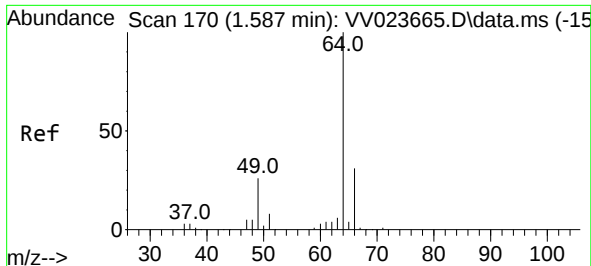
Tgt Ion: 62 Resp: 74461
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.4 41.6



#6
 Bromomethane
 Concen: 4.901 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023665.D
 Acq: 23 Nov 2021 12:21

Tgt Ion: 94 Resp: 41239
 Ion Ratio Lower Upper
 94 100
 96 94.6 66.2 123.0

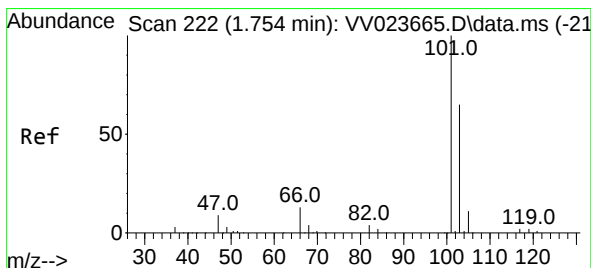
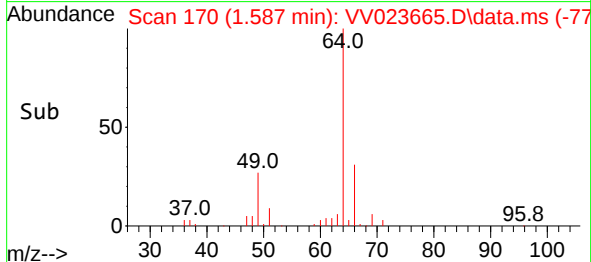
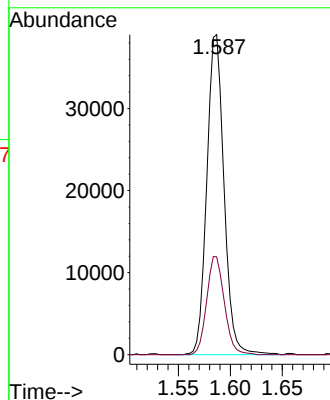
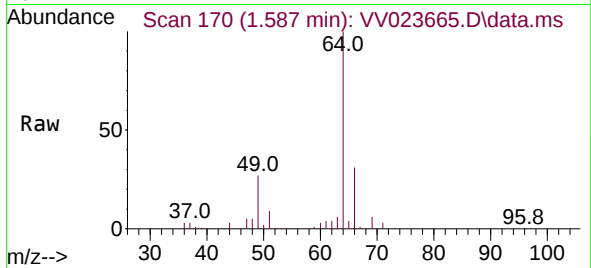




#8
Chloroethane
Concen: 5.647 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

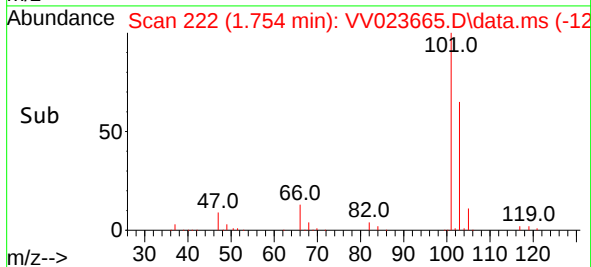
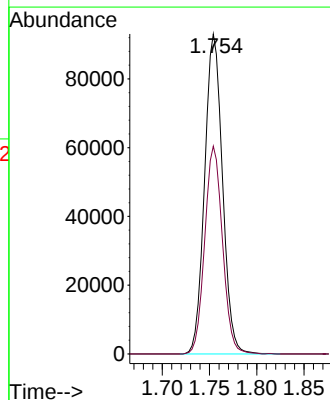
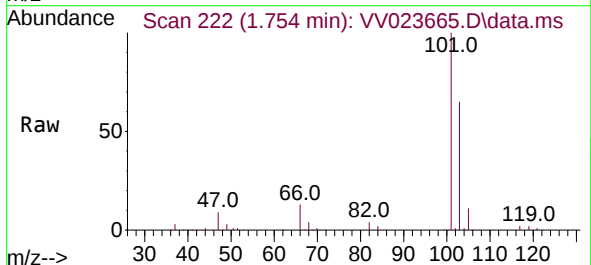
Instrument :
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ClientSampleId :

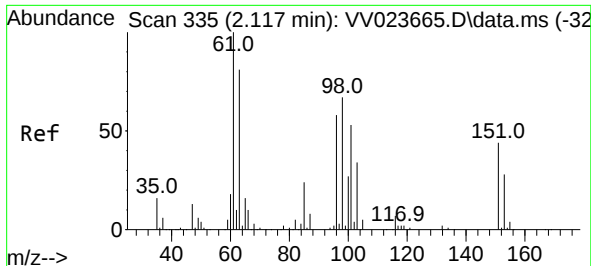
Tgt Ion: 64 Resp: 44764
Ion Ratio Lower Upper
64 100
66 30.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.881 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

Tgt Ion:101 Resp: 122309
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

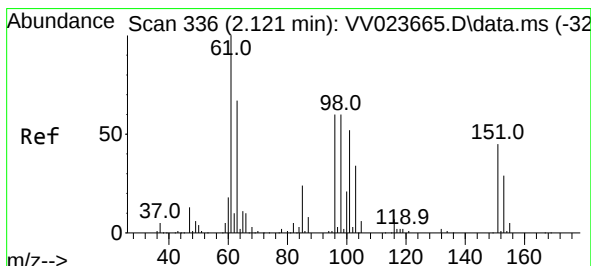
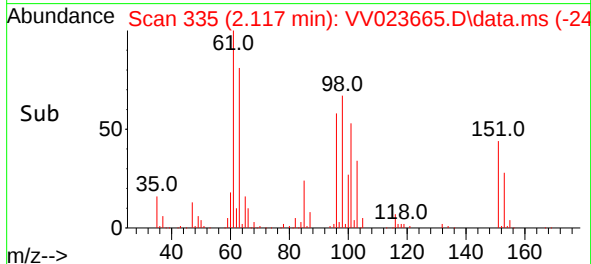
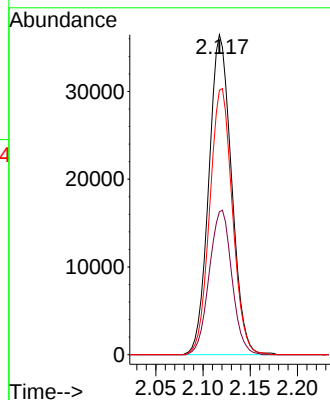
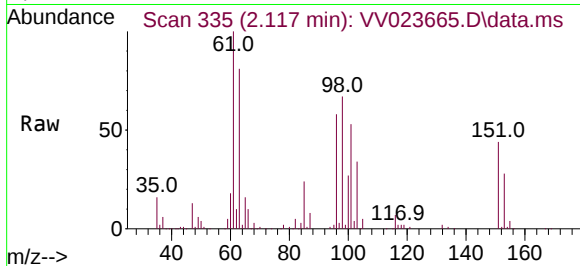




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.832 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023665.D
 Acq: 23 Nov 2021 12:21

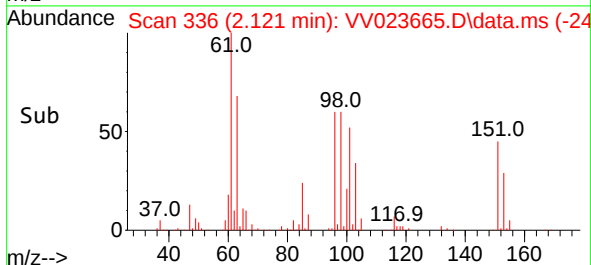
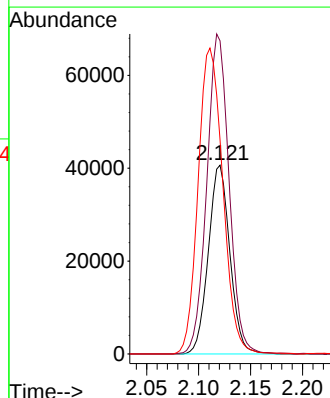
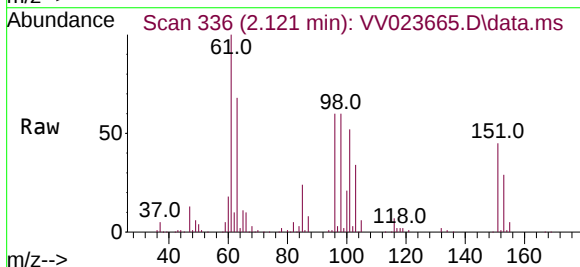
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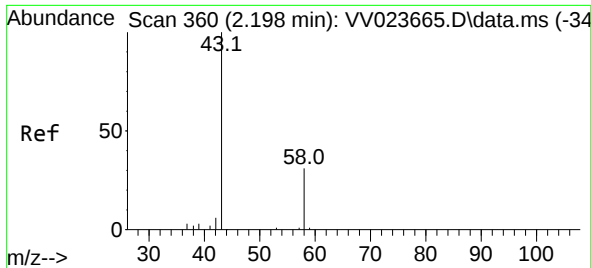
Tgt Ion:101 Resp: 60910
 Ion Ratio Lower Upper
 101 100
 85 45.0 36.0 54.0
 151 83.0 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.857 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV023665.D
 Acq: 23 Nov 2021 12:21

Tgt Ion: 96 Resp: 58572
 Ion Ratio Lower Upper
 96 100
 61 165.8 116.1 215.5
 63 113.4 79.4 147.4





#13

Acetone

Concen: 50.548 ug/L

RT: 2.198 min Scan# 30

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

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MSVOA_V

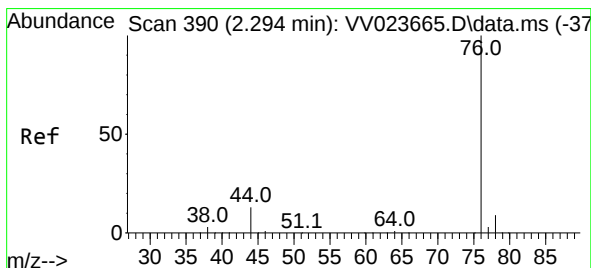
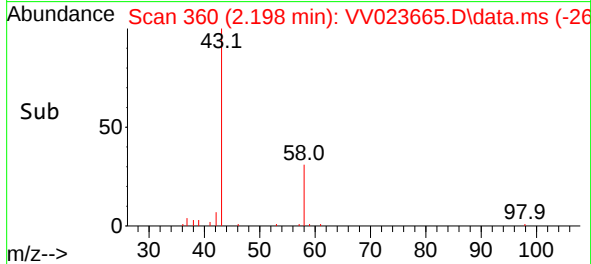
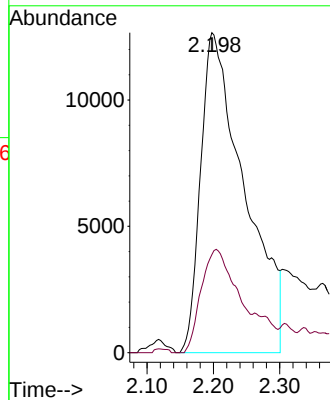
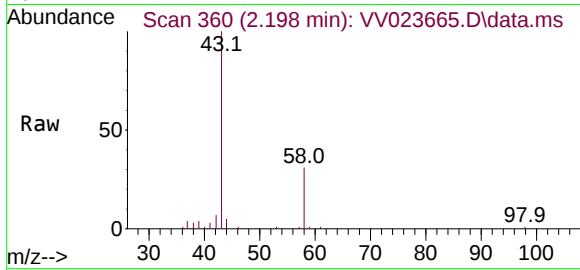
ClientSampleId :

Tgt Ion: 43 Resp: 58040

Ion Ratio Lower Upper

43 100

58 26.4 0.0 41.4



#14

Carbon disulfide

Concen: 5.365 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023665.D

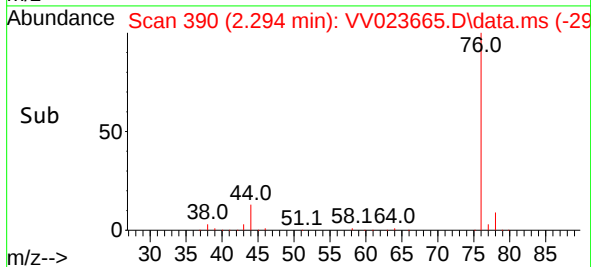
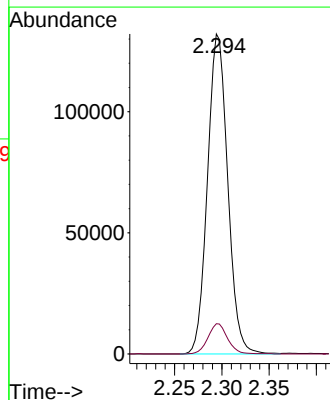
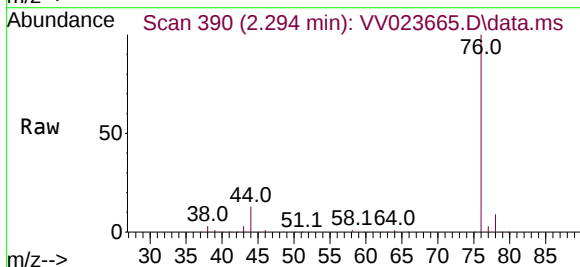
Acq: 23 Nov 2021 12:21

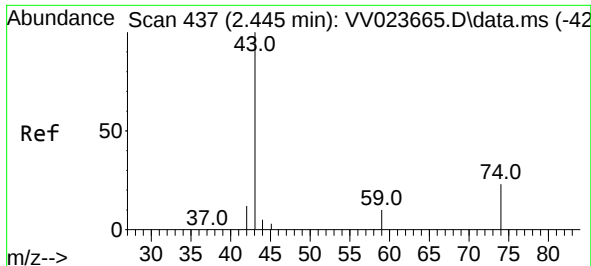
Tgt Ion: 76 Resp: 196771

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

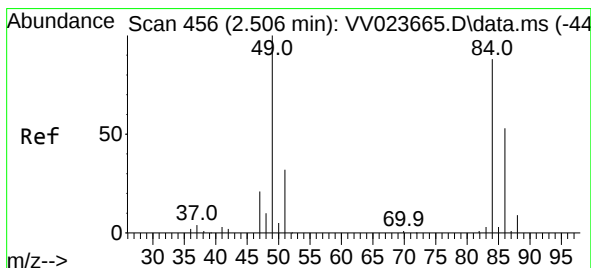
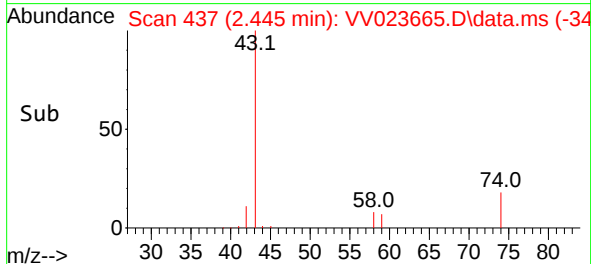
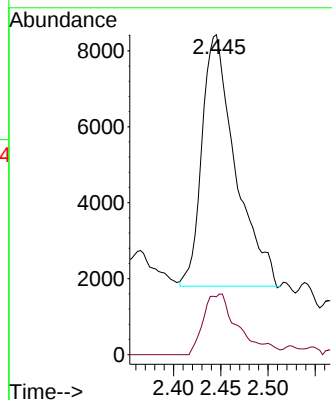
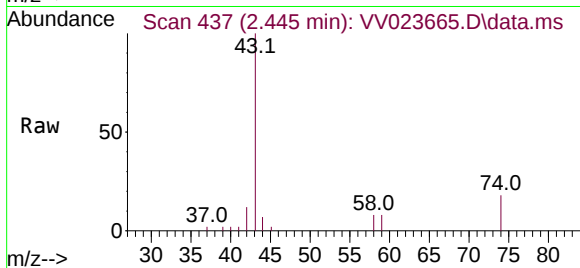




#15
Methyl Acetate
Concen: 5.247 ug/L
RT: 2.445 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

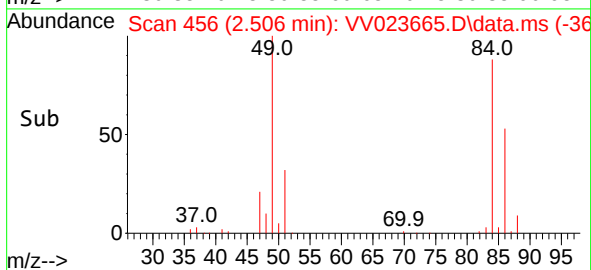
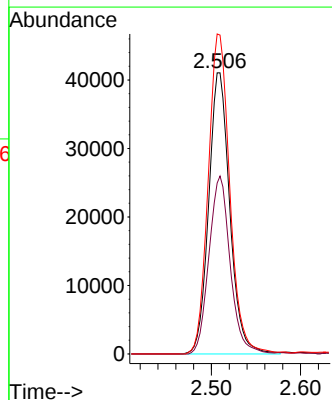
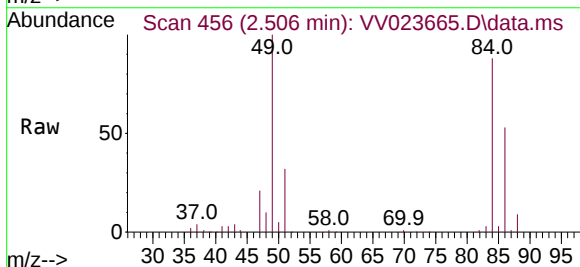
Instrument :
MSVOA_V
ClientSampleId :

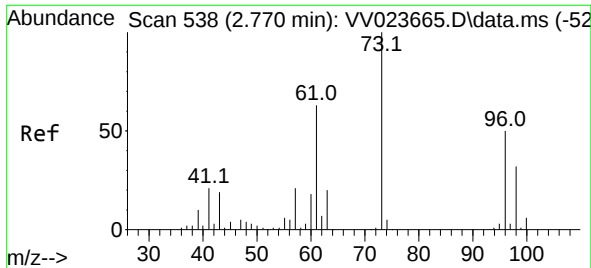
Tgt Ion: 43 Resp: 16309
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2



#16
Methylene chloride
Concen: 4.738 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

Tgt Ion: 84 Resp: 67575
Ion Ratio Lower Upper
84 100
86 60.8 42.6 79.0
49 113.8 79.7 147.9

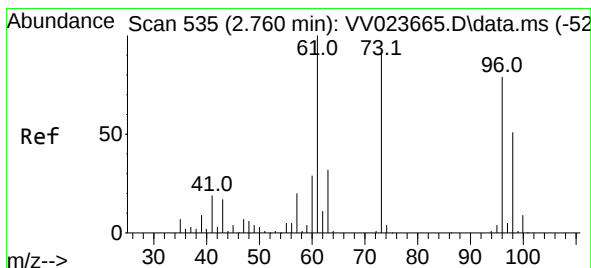
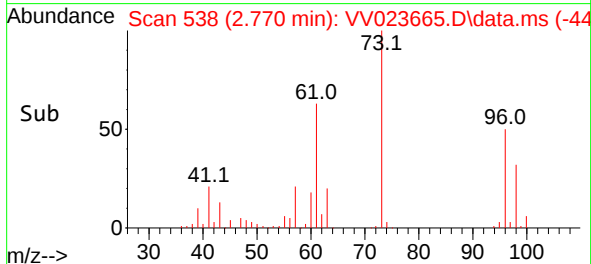
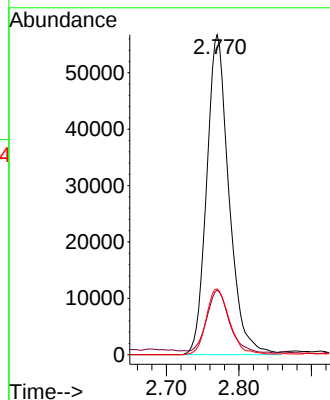
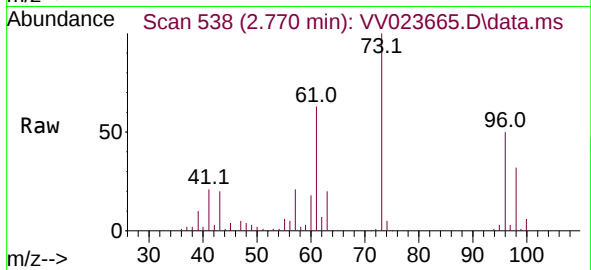




#17
Methyl tert-butyl Ether
Concen: 5.613 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

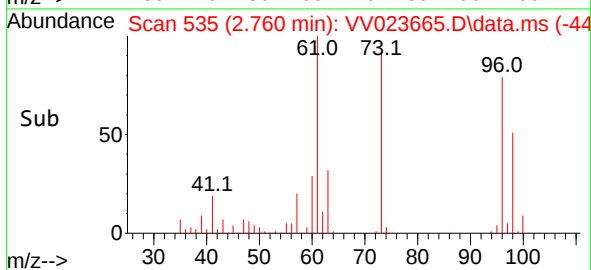
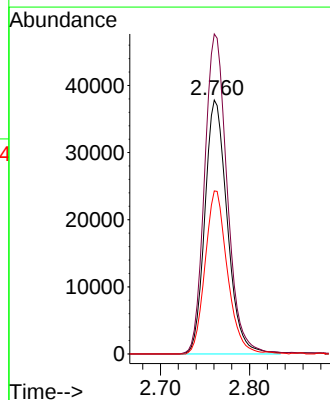
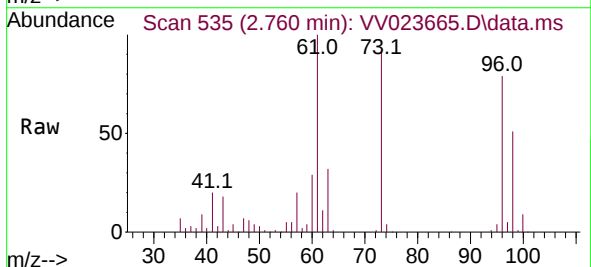
Instrument :
MSVOA_V
ClientSampleId :

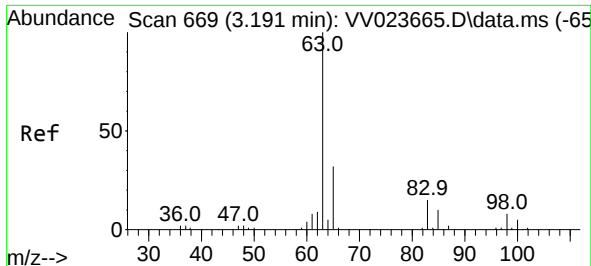
Tgt Ion: 73	Resp: 121456
Ion Ratio	Lower Upper
73 100	
43 19.4	15.5 23.3
57 21.4	17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.500 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

Tgt Ion: 96	Resp: 66134
Ion Ratio	Lower Upper
96 100	
61 126.0	88.2 163.8
98 64.2	44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.522 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

Instrument :

MSVOA_V

ClientSampleId :

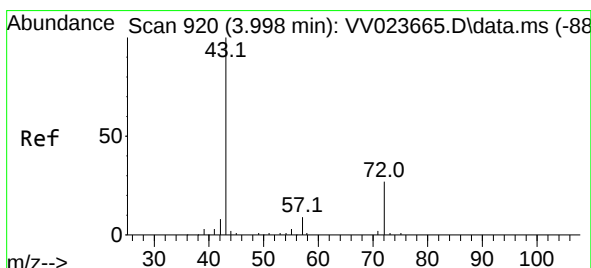
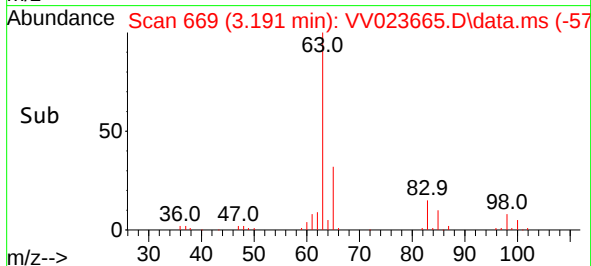
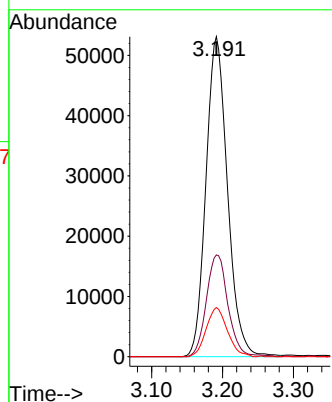
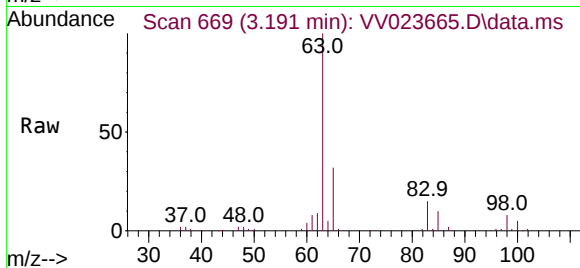
Tgt Ion: 63 Resp: 112045

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 15.3 10.7 19.9



#21

2-Butanone

Concen: 37.789 ug/L

RT: 3.998 min Scan# 920

Delta R.T. 0.000 min

Lab File: VV023665.D

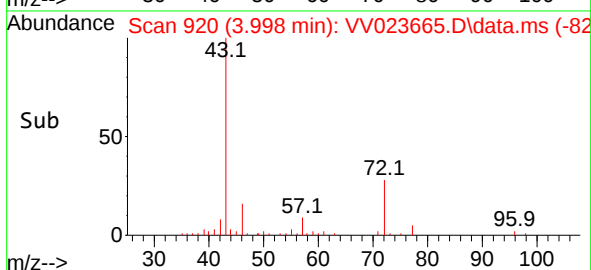
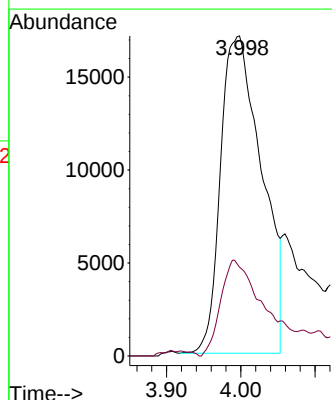
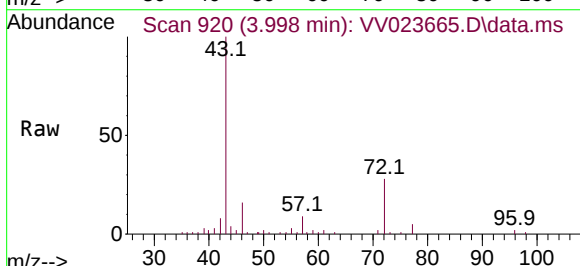
Acq: 23 Nov 2021 12:21

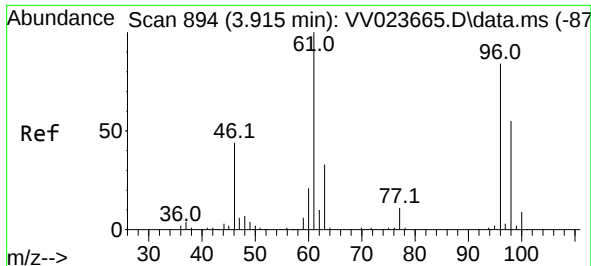
Tgt Ion: 43 Resp: 65825

Ion Ratio Lower Upper

43 100

72 32.0 11.1 33.1

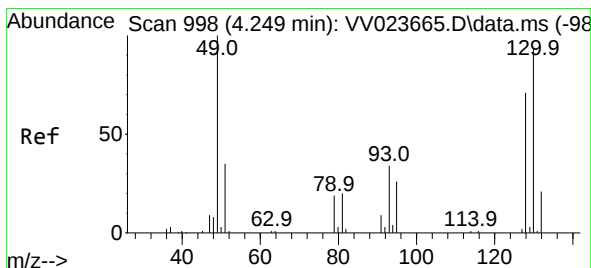
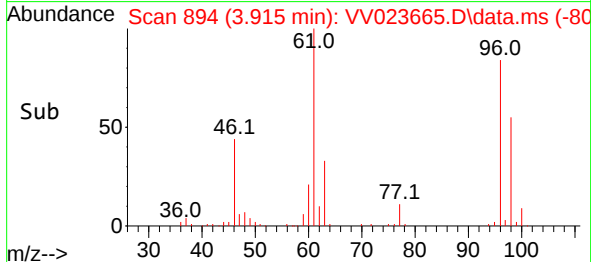
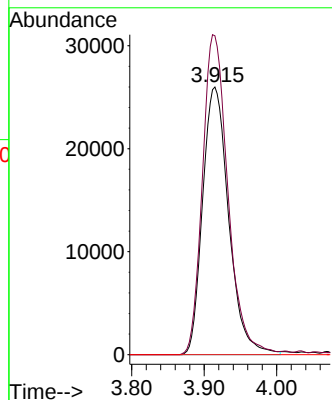
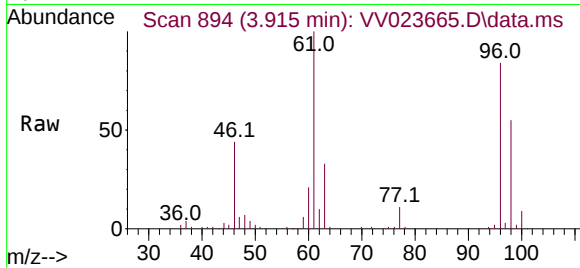




#22
 cis-1,2-Dichloroethene
 Concen: 5.594 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV023665.D
 Acq: 23 Nov 2021 12:21

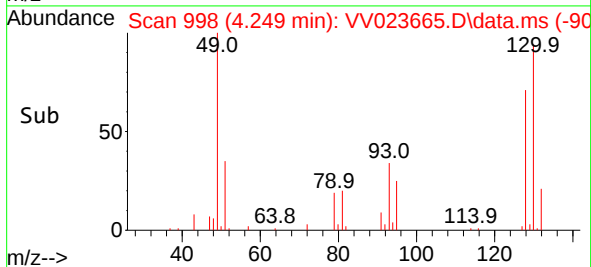
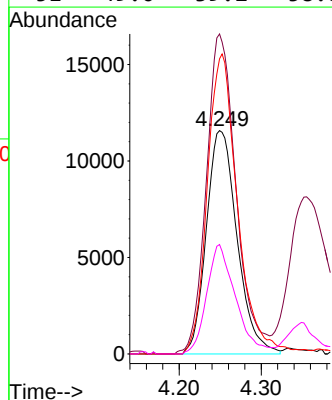
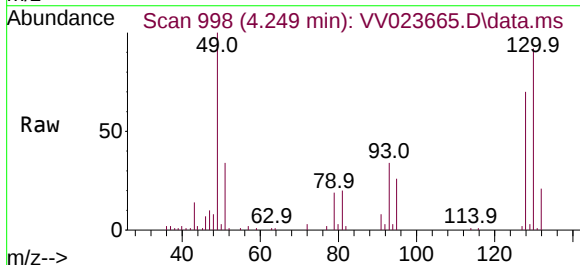
Instrument :
 MSVOA_V
 ClientSampleId :

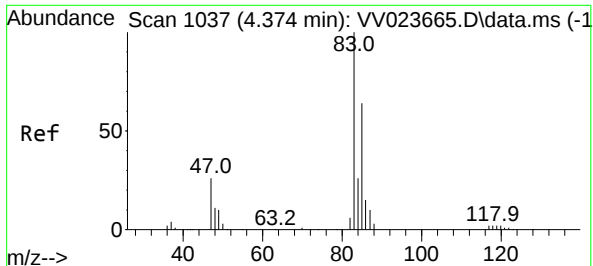
Tgt Ion: 96 Resp: 65000
 Ion Ratio Lower Upper
 96 100
 61 119.1 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.635 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VV023665.D
 Acq: 23 Nov 2021 12:21

Tgt Ion:128 Resp: 30157
 Ion Ratio Lower Upper
 128 100
 49 143.2 100.2 186.2
 130 132.1 92.5 171.7
 51 49.0 39.2 58.8





#25

Chloroform

Concen: 5.696 ug/L

RT: 4.374 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

Instrument :

MSVOA_V

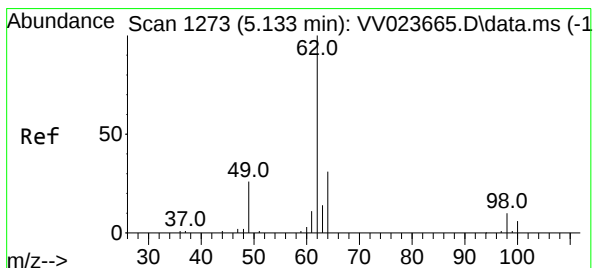
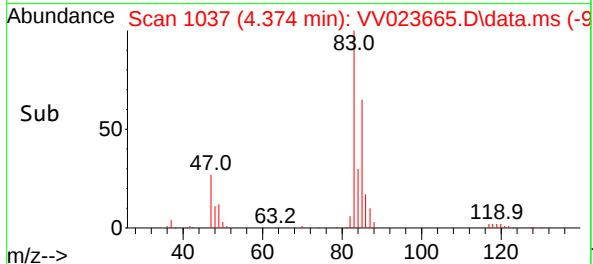
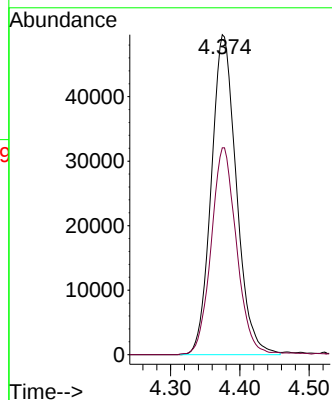
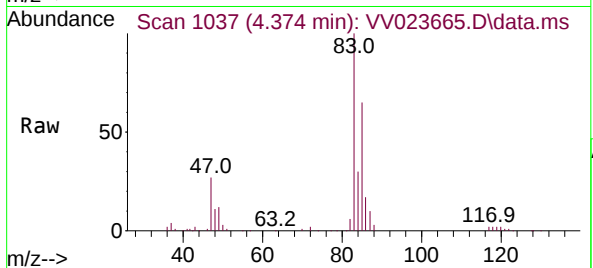
ClientSampleId :

Tgt Ion: 83 Resp: 124832

Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.866 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VV023665.D

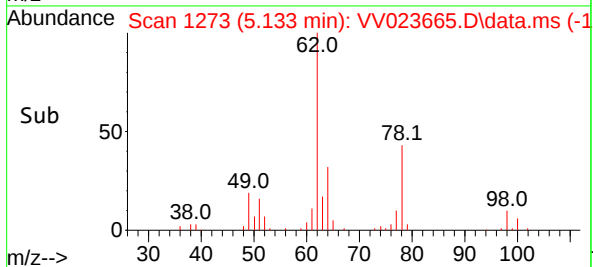
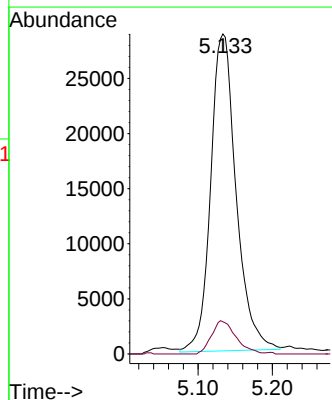
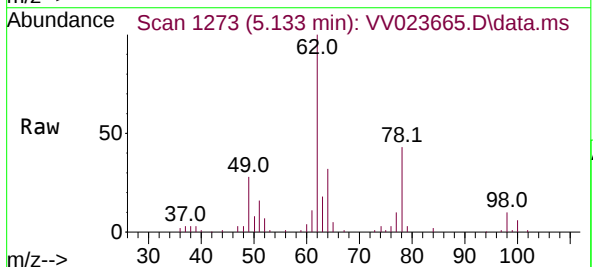
Acq: 23 Nov 2021 12:21

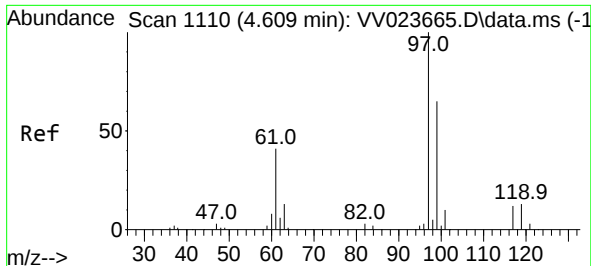
Tgt Ion: 62 Resp: 68615

Ion Ratio Lower Upper

62 100

98 10.1 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.717 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

Instrument :

MSVOA_V

ClientSampleId :

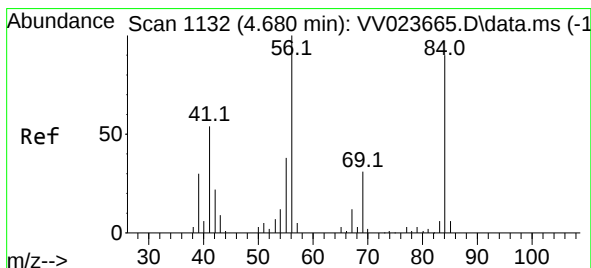
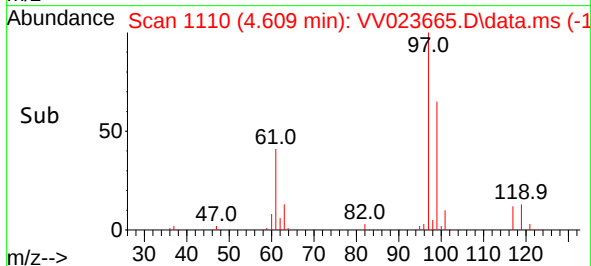
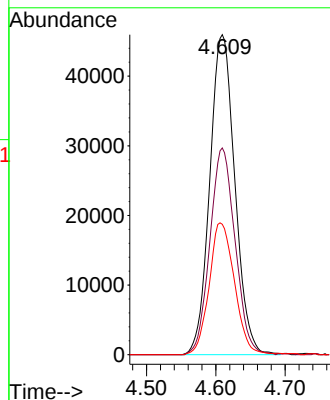
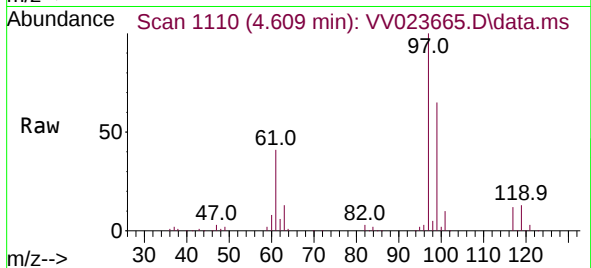
Tgt Ion: 97 Resp: 115657

Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 41.5 33.2 49.8



#30

Cyclohexane

Concen: 5.464 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

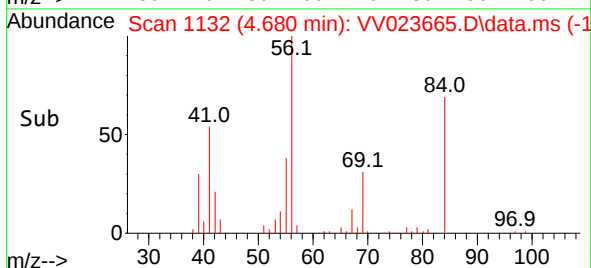
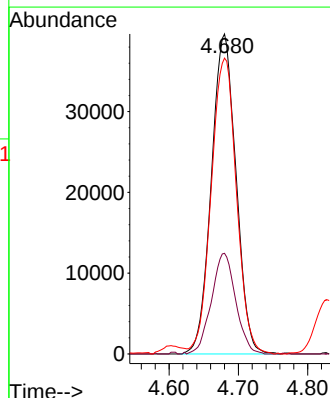
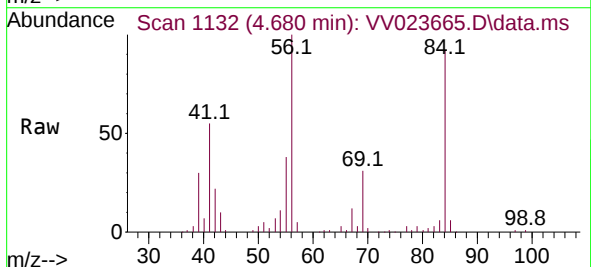
Tgt Ion: 56 Resp: 97856

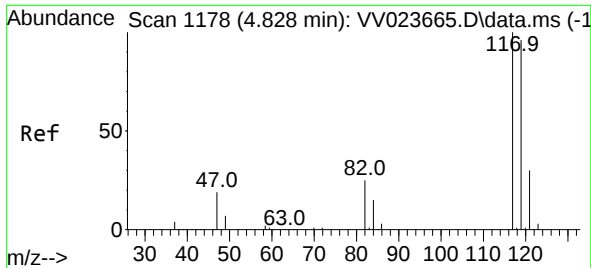
Ion Ratio Lower Upper

56 100

69 31.0 24.8 37.2

84 94.9 75.9 113.9

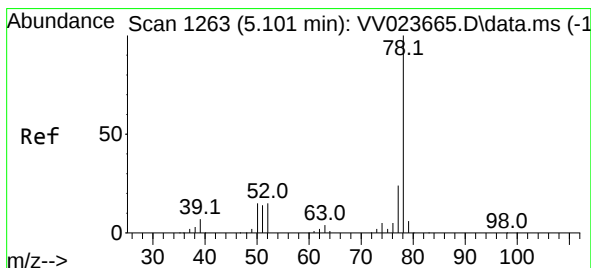
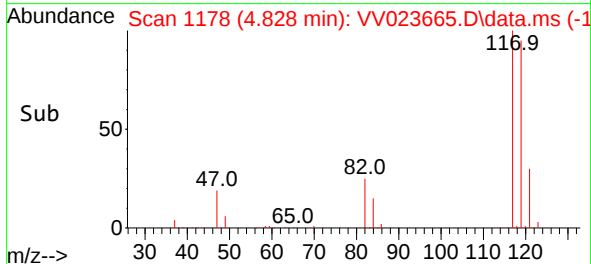
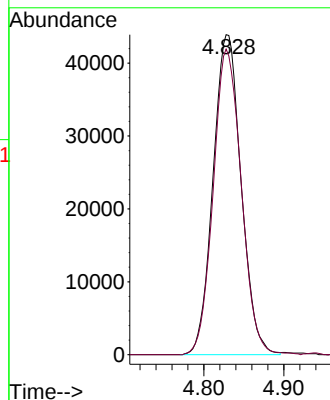
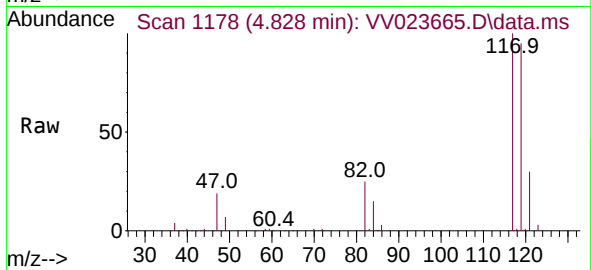




#31
Carbon tetrachloride
Concen: 5.841 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

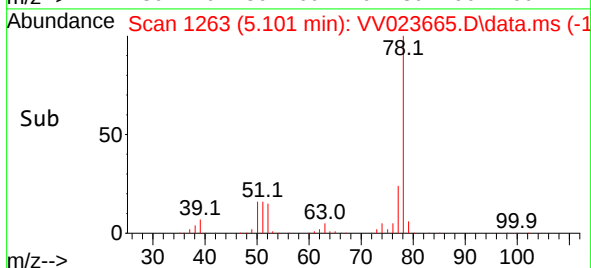
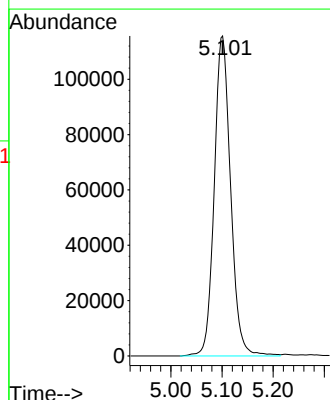
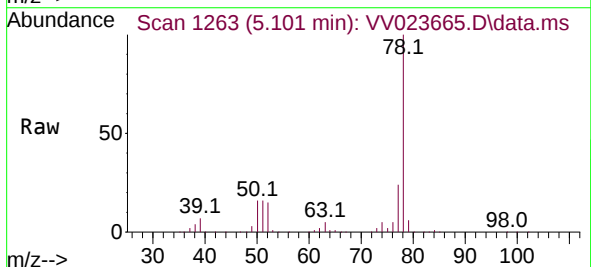
Instrument :
MSVOA_V
ClientSampleId :

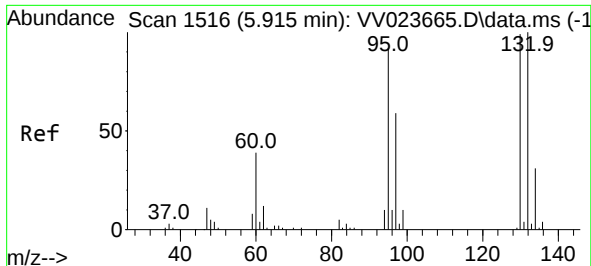
Tgt Ion:117 Resp: 106751
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8



#33
Benzene
Concen: 5.603 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

Tgt Ion: 78 Resp: 257319

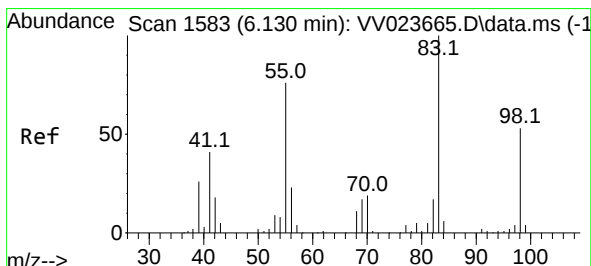
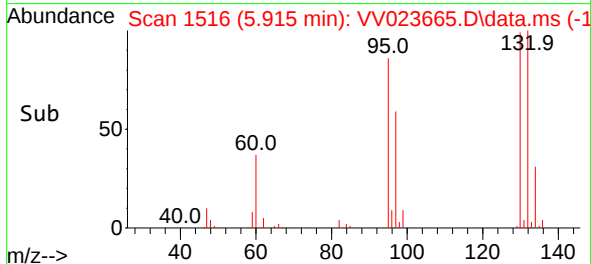
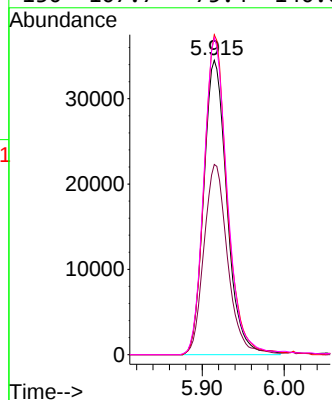
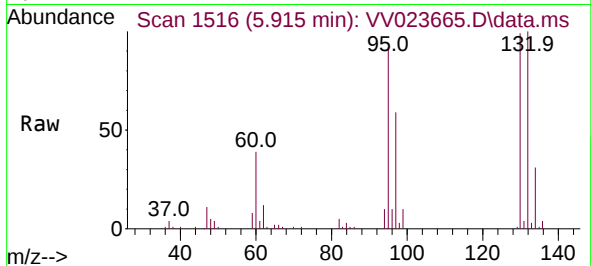




#34
Trichloroethene
Concen: 5.518 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

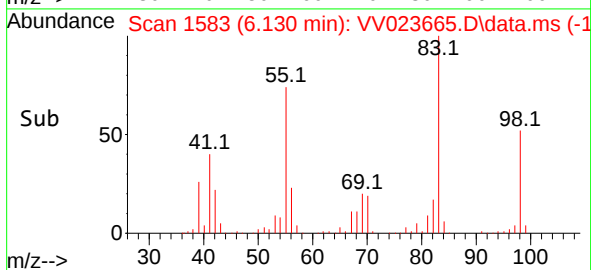
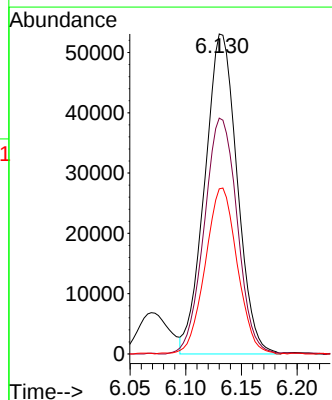
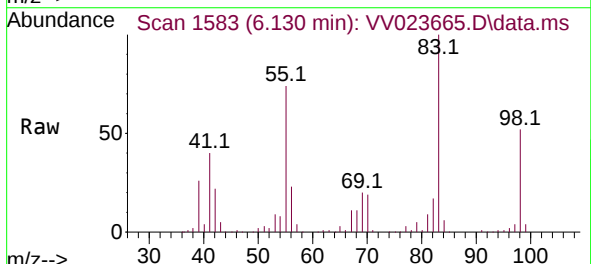
Instrument :
MSVOA_V
ClientSampleId :

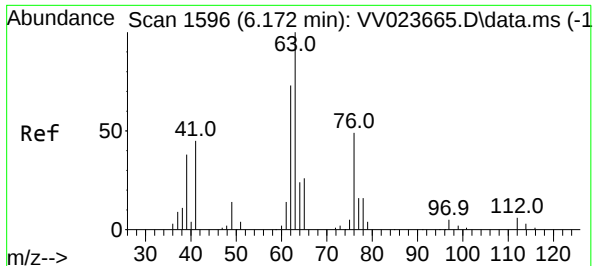
Tgt Ion: 95 Resp: 67848
Ion Ratio Lower Upper
95 100
97 64.6 45.2 84.0
132 108.7 76.1 141.3
130 107.7 75.4 140.0



#35
Methylcyclohexane
Concen: 5.541 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

Tgt Ion: 83 Resp: 107479
Ion Ratio Lower Upper
83 100
55 75.2 60.2 90.2
98 51.2 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.604 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

Instrument :

MSVOA_V

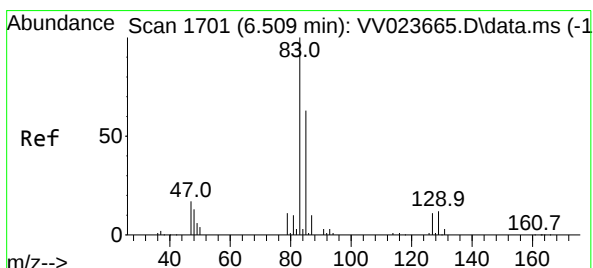
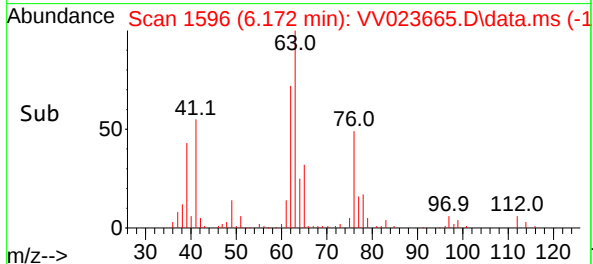
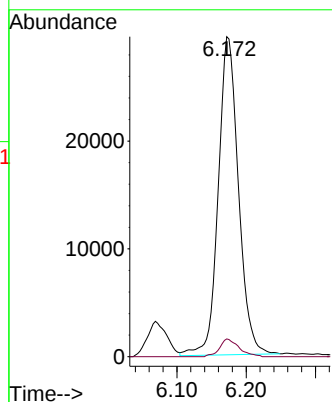
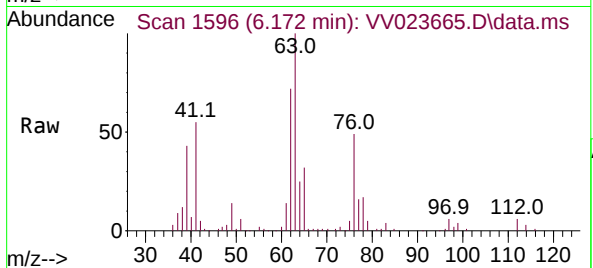
ClientSampleId :

Tgt Ion: 63 Resp: 59913

Ion Ratio Lower Upper

63 100

112 5.4 4.3 6.5



#38

Bromodichloromethane

Concen: 5.663 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

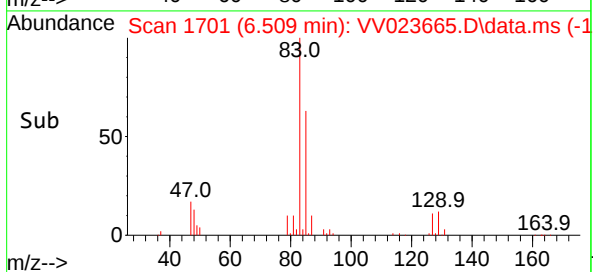
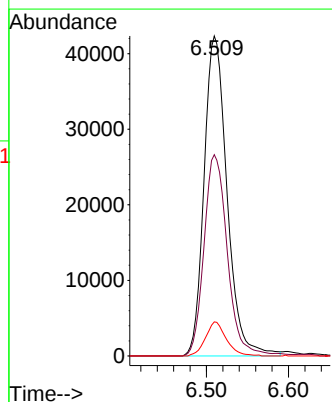
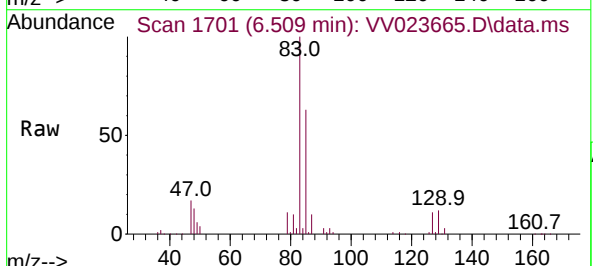
Tgt Ion: 83 Resp: 82528

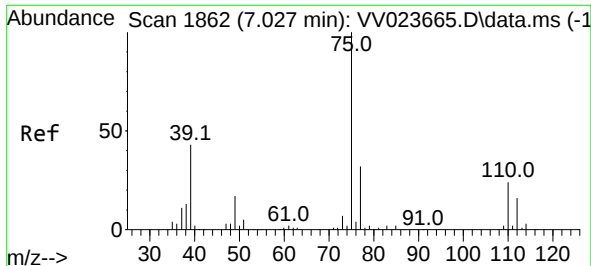
Ion Ratio Lower Upper

83 100

85 62.9 44.0 81.8

127 10.7 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.585 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

Instrument :

MSVOA_V

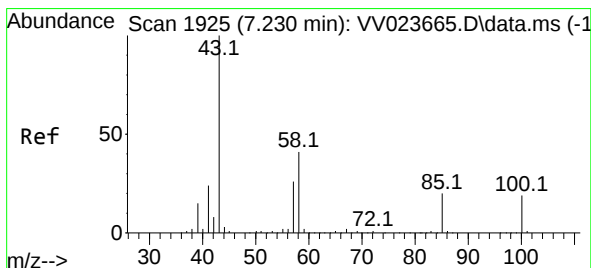
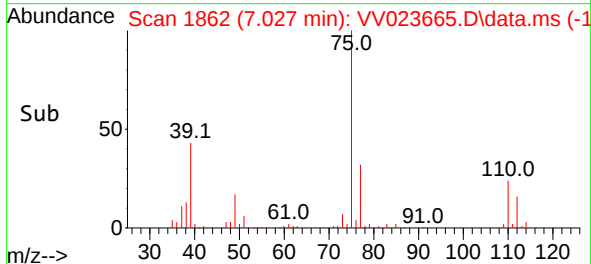
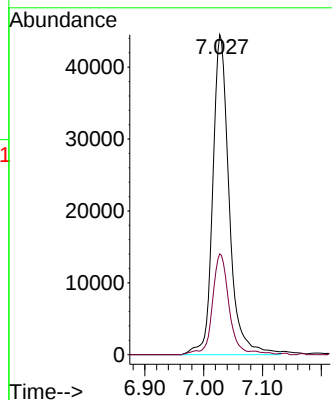
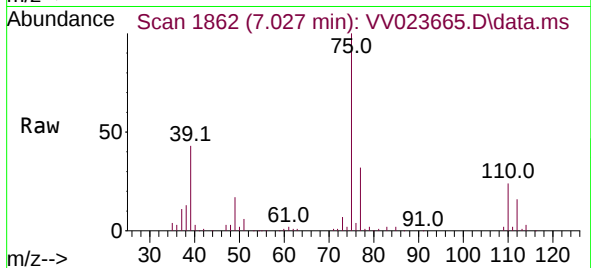
ClientSampleId :

Tgt Ion: 75 Resp: 86594

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 59.764 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

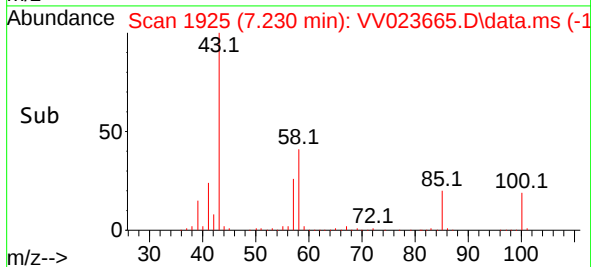
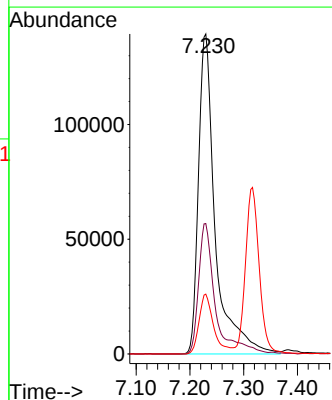
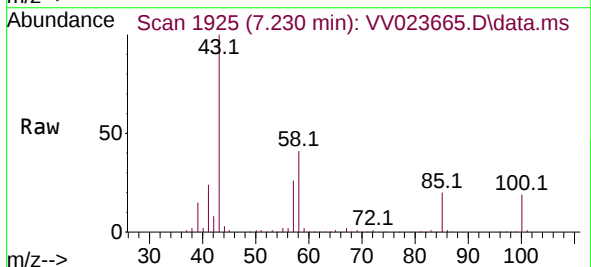
Tgt Ion: 43 Resp: 302741

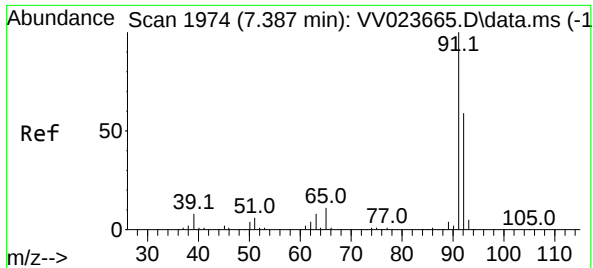
Ion Ratio Lower Upper

43 100

58 40.4 32.3 48.5

100 16.3 13.0 19.6





#42

Toluene

Concen: 5.902 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

Instrument :

MSVOA_V

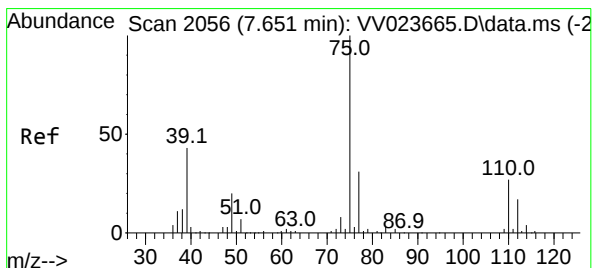
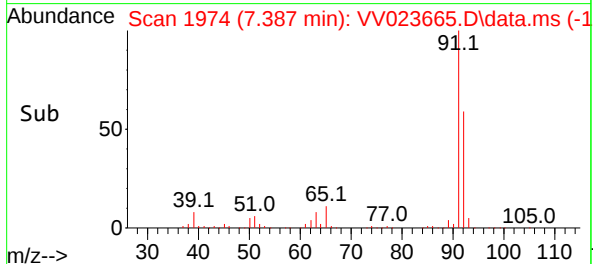
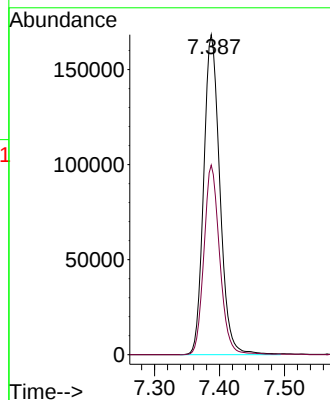
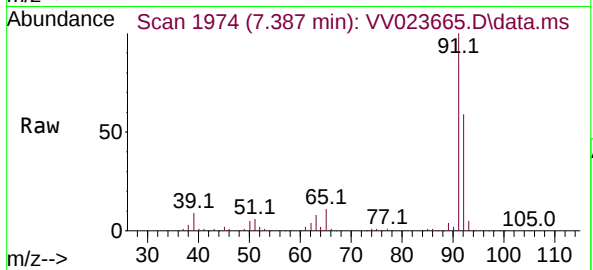
ClientSampleId :

Tgt Ion: 91 Resp: 292237

Ion Ratio Lower Upper

91 100

92 59.3 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.782 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV023665.D

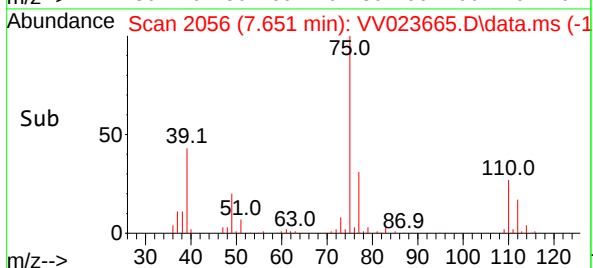
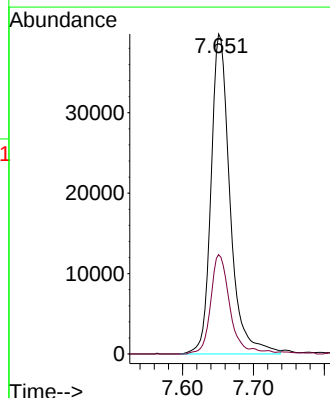
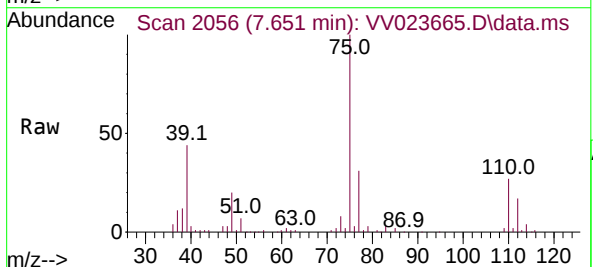
Acq: 23 Nov 2021 12:21

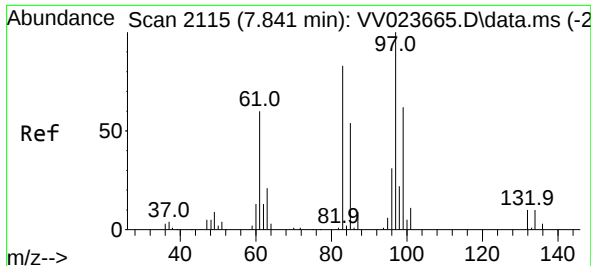
Tgt Ion: 75 Resp: 74129

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4

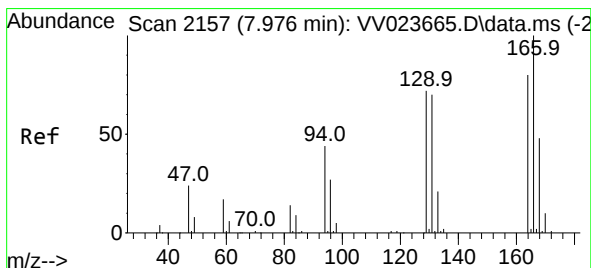
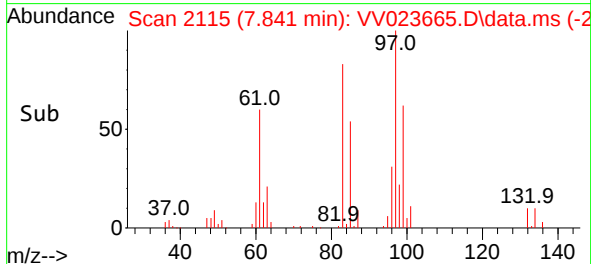
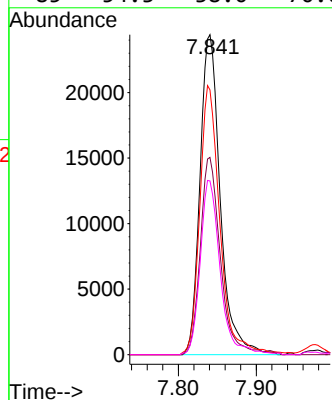
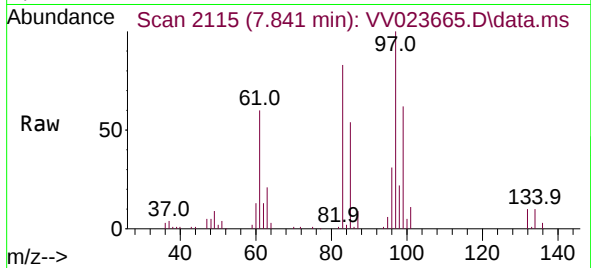




#45
1,1,2-Trichloroethane
Concen: 5.658 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

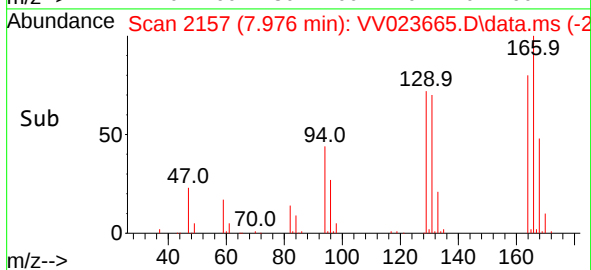
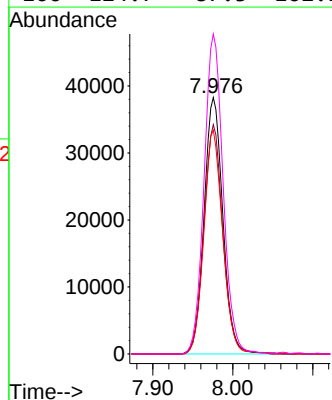
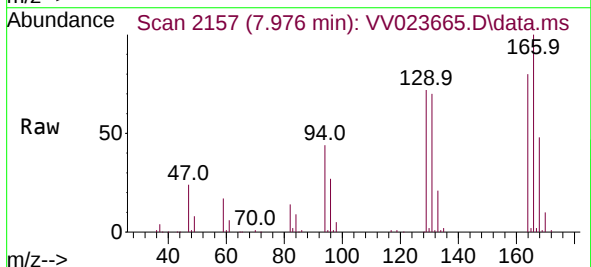
Instrument :
MSVOA_V
ClientSampleId :

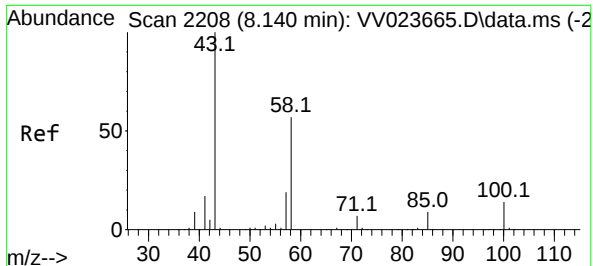
Tgt Ion: 97	Resp: 44171
Ion Ratio	Lower Upper
97 100	
99 61.6	43.1 80.1
83 82.7	57.9 107.5
85 54.3	38.0 70.6



#47
Tetrachloroethene
Concen: 5.837 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

Tgt	Ion:164	Resp:	62704
Ion	Ratio	Lower	Upper
164	100		
129	89.4	62.6	116.2
131	87.2	61.0	113.4
166	124.7	87.3	162.1





#48

2-Hexanone

Concen: 64.947 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 228843

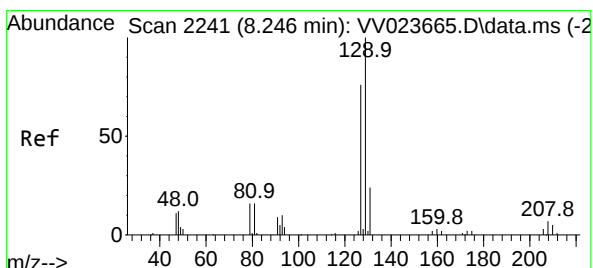
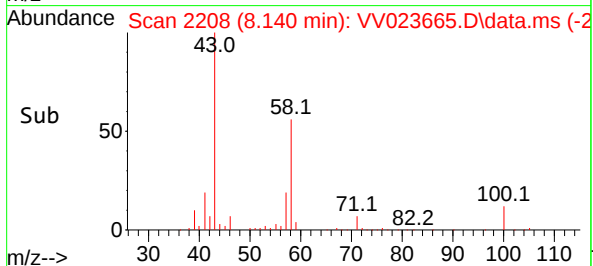
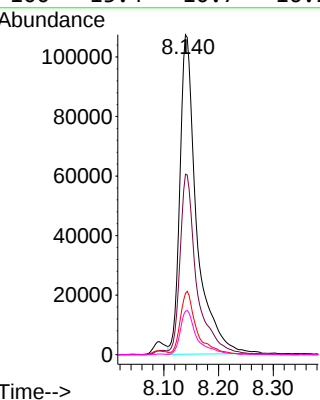
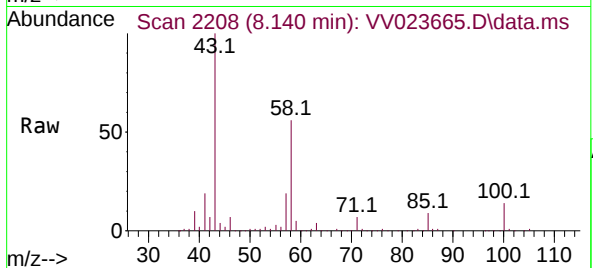
Ion Ratio Lower Upper

43 100

58 55.6 44.5 66.7

57 18.9 15.1 22.7

100 13.4 10.7 16.1



#49

Dibromochloromethane

Concen: 5.931 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VV023665.D

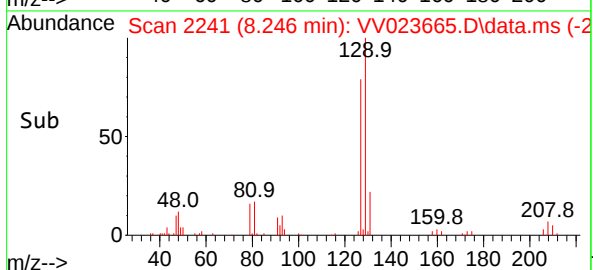
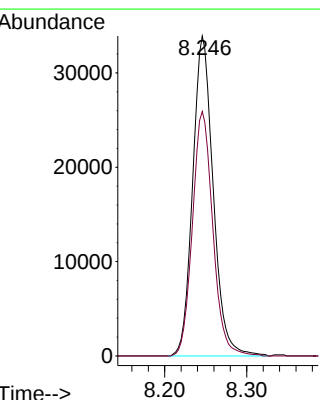
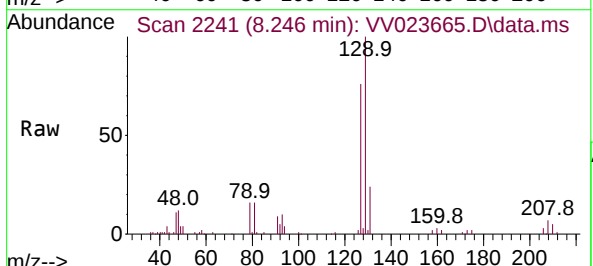
Acq: 23 Nov 2021 12:21

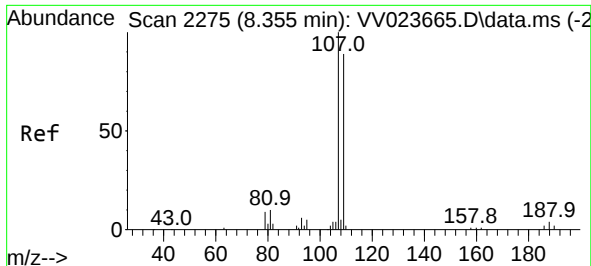
Tgt Ion:129 Resp: 59008

Ion Ratio Lower Upper

129 100

127 76.4 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.921 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.000 min

Lab File: VV023665.D

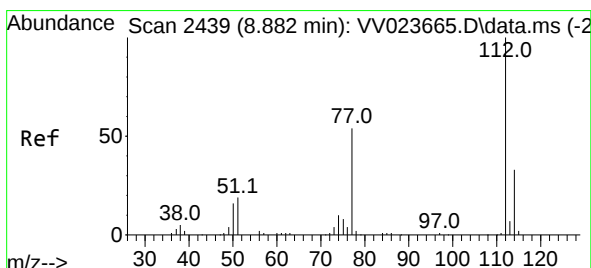
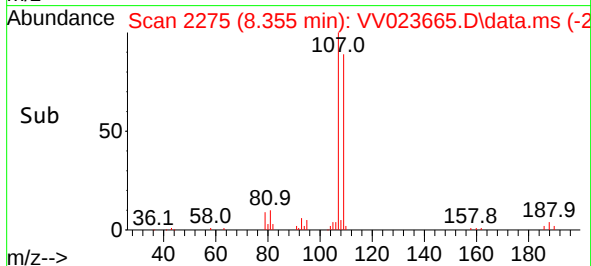
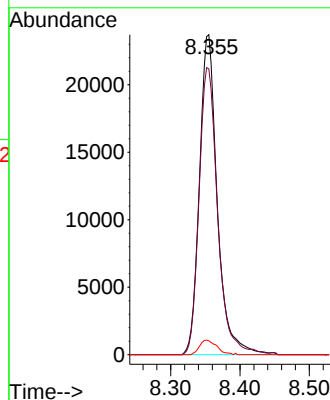
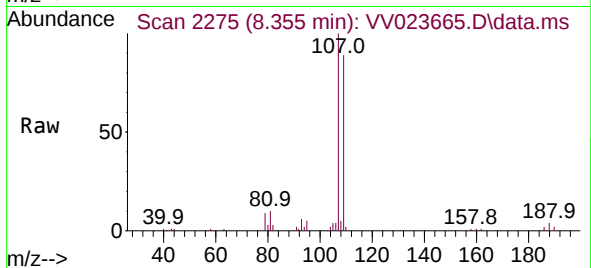
Acq: 23 Nov 2021 12:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	42576
Ion Ratio	Lower	Upper
107	100	
109	89.3	62.5 116.1
188	4.3	3.4 5.2



#51

Chlorobenzene

Concen: 5.658 ug/L

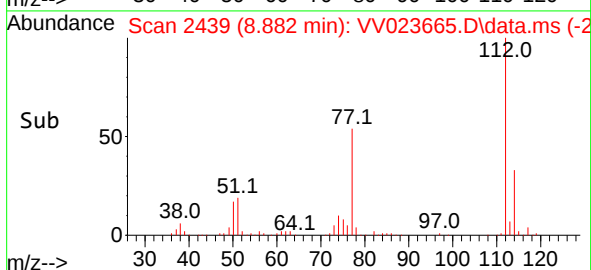
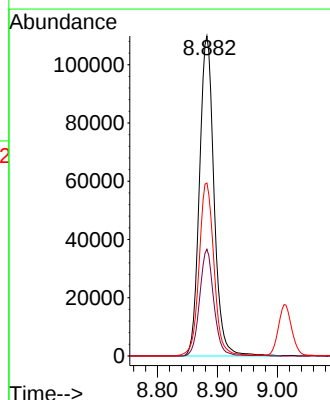
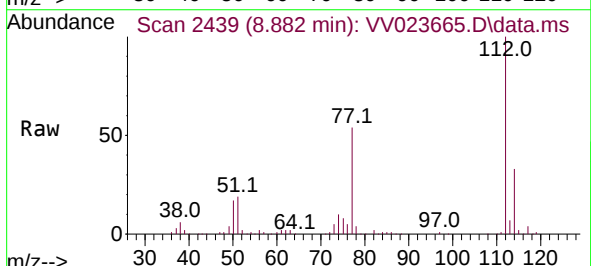
RT: 8.882 min Scan# 2439

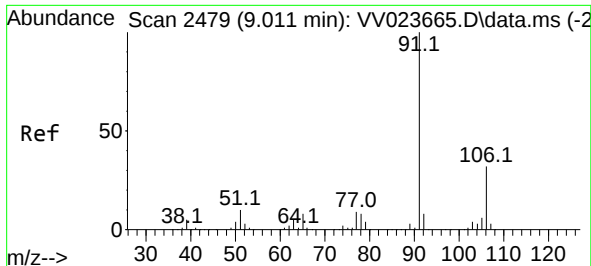
Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

Tgt Ion:112	Resp:	185962
Ion Ratio	Lower	Upper
112	100	
114	33.3	23.3 43.3
77	54.1	43.3 64.9

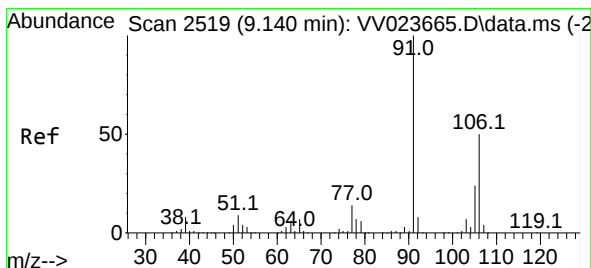
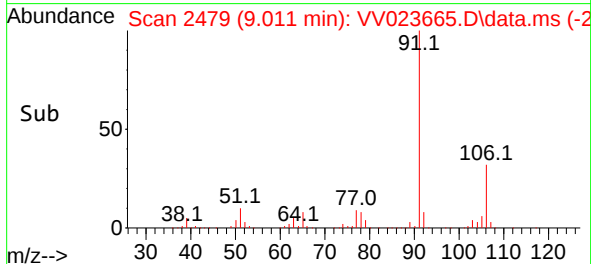
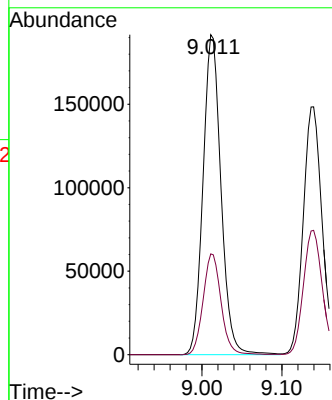
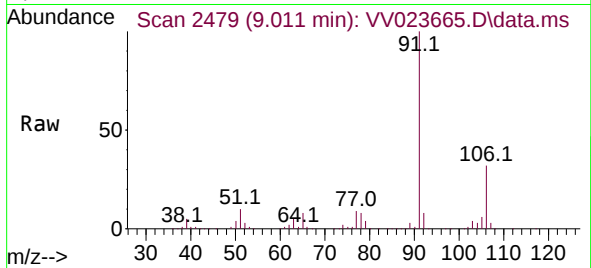




#52
Ethylbenzene
Concen: 5.734 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

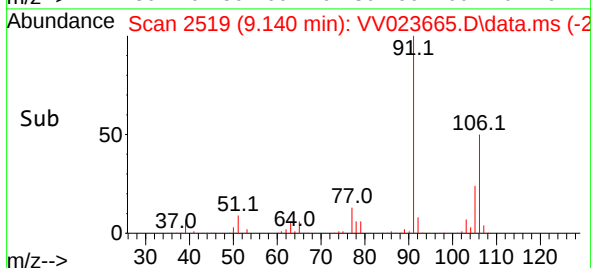
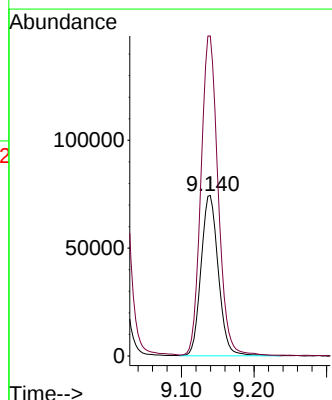
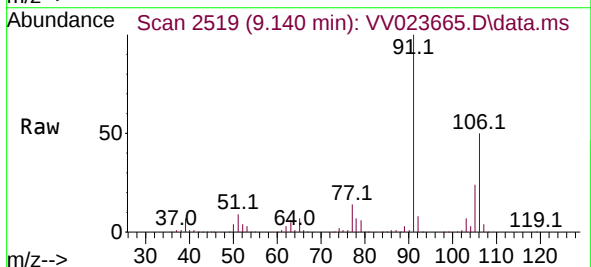
Instrument :
MSVOA_V
ClientSampleId :

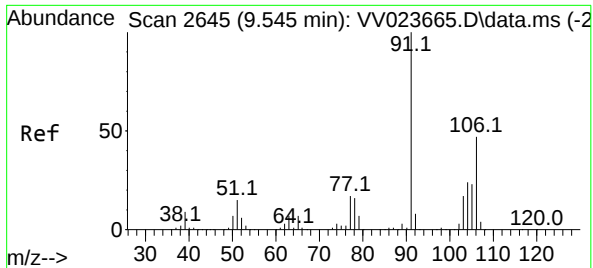
Tgt Ion: 91 Resp: 299851
Ion Ratio Lower Upper
91 100
106 31.5 22.0 41.0



#53
m,p-xylene
Concen: 5.954 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

Tgt Ion: 106 Resp: 123130
Ion Ratio Lower Upper
106 100
91 199.3 139.5 259.1

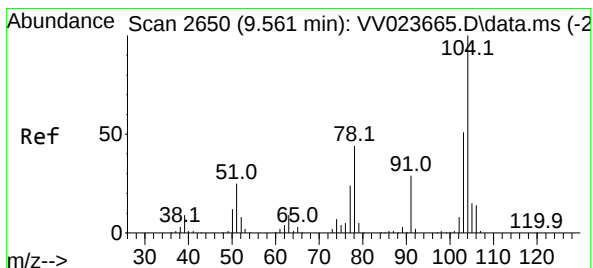
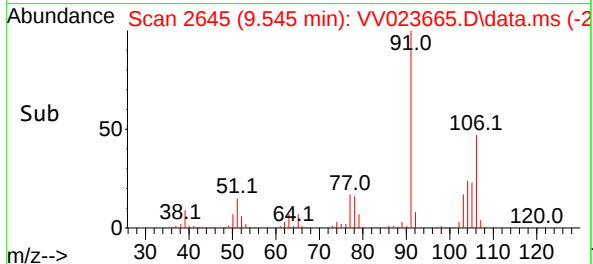
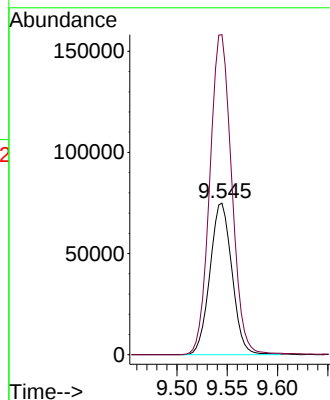
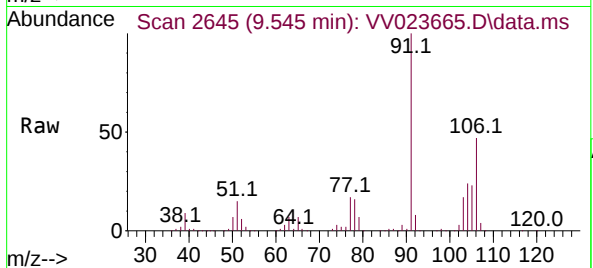




#54
o-xylene
Concen: 5.912 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

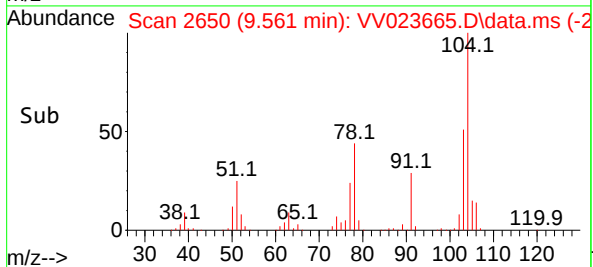
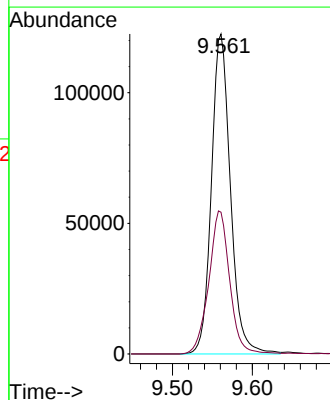
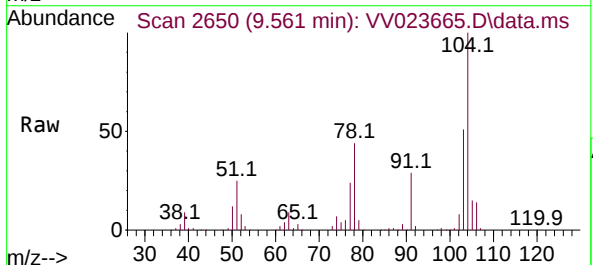
Instrument :
MSVOA_V
ClientSampleId :

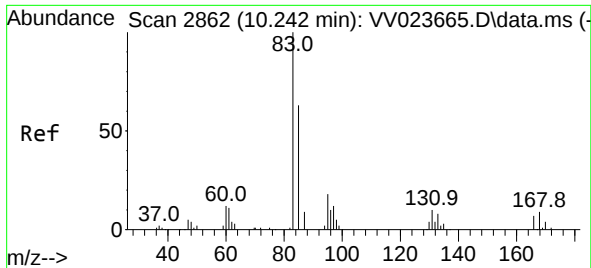
Tgt Ion:106 Resp: 114014
Ion Ratio Lower Upper
106 100
91 211.3 147.9 274.7



#55
Styrene
Concen: 6.115 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

Tgt Ion:104 Resp: 202665
Ion Ratio Lower Upper
104 100
78 44.3 31.0 57.6

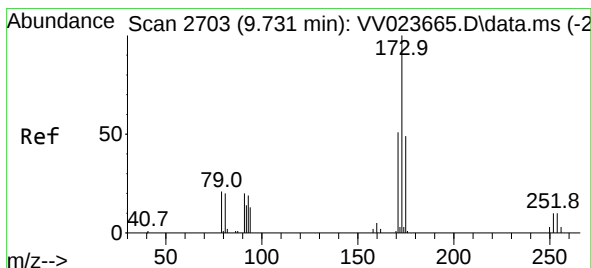
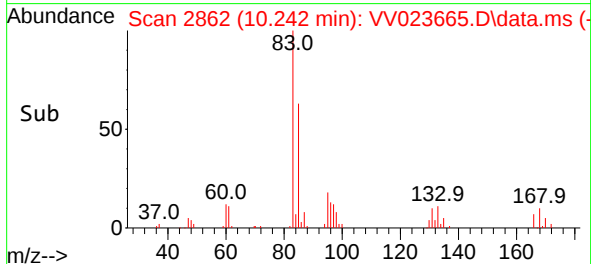
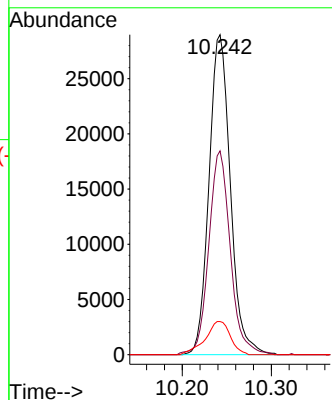
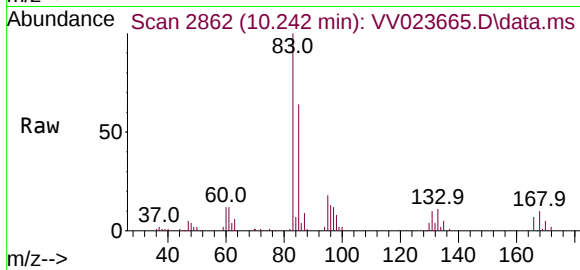




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.683 ug/L
 RT: 10.242 min Scan# 2862
 Delta R.T. 0.000 min
 Lab File: VV023665.D
 Acq: 23 Nov 2021 12:21

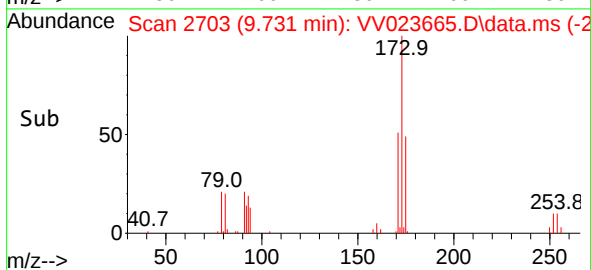
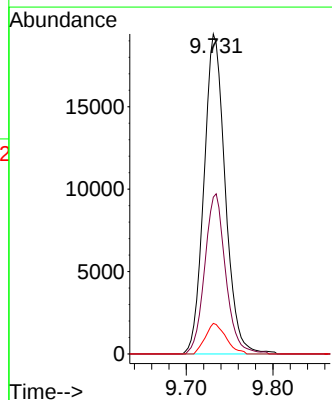
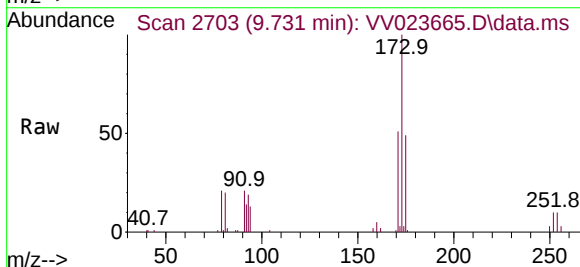
Instrument :
 MSVOA_V
 ClientSampleId :

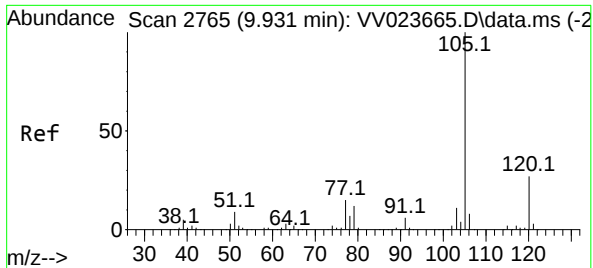
Tgt Ion:	83	Resp:	48211
Ion	Ratio	Lower	Upper
83	100		
85	63.7	44.6	82.8
131	10.4	8.3	12.5



#59
 Bromoform
 Concen: 5.874 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV023665.D
 Acq: 23 Nov 2021 12:21

Tgt Ion:	173	Resp:	33094
Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.4	59.2
254	9.2	7.4	11.0

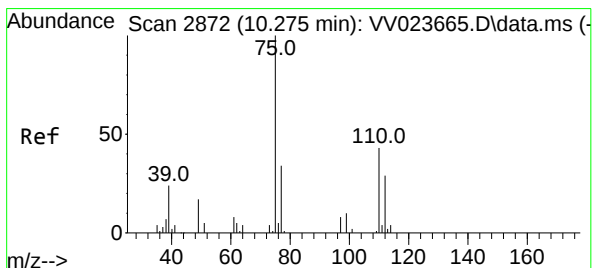
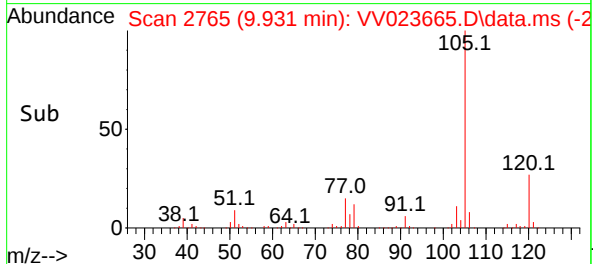
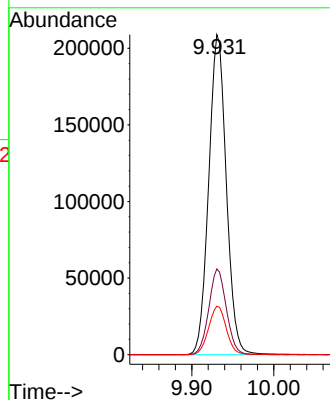
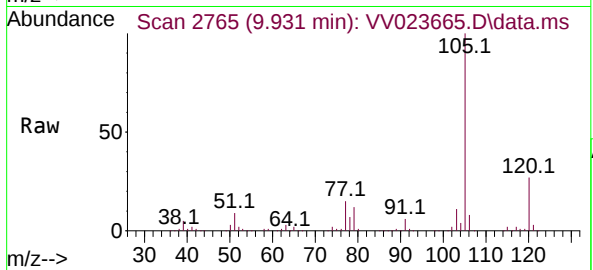




#60
Isopropylbenzene
Concen: 5.800 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

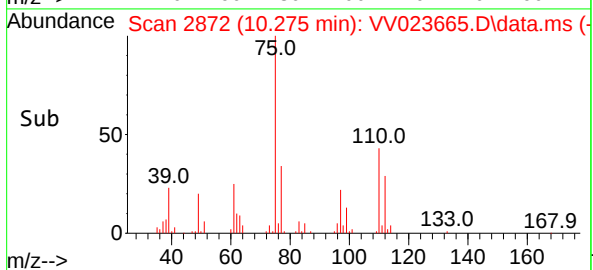
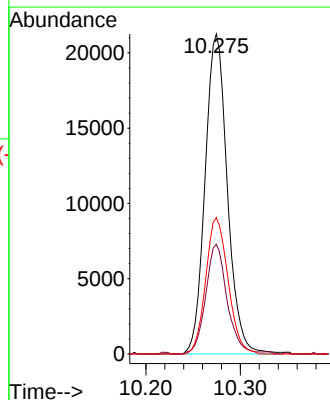
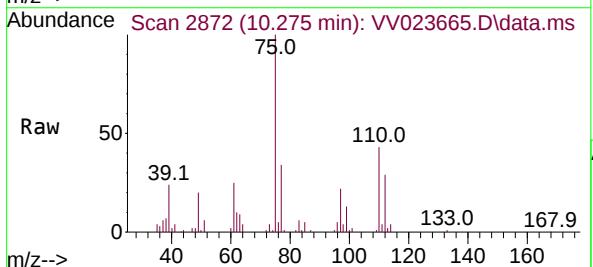
Instrument :
MSVOA_V
ClientSampleId :

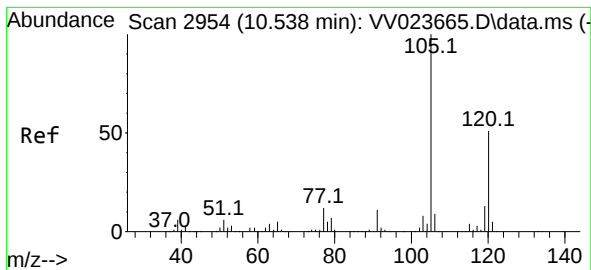
Tgt Ion:105 Resp: 311545
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.642 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

Tgt Ion: 75 Resp: 34814
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6
110 42.7 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.728 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

Instrument :

MSVOA_V

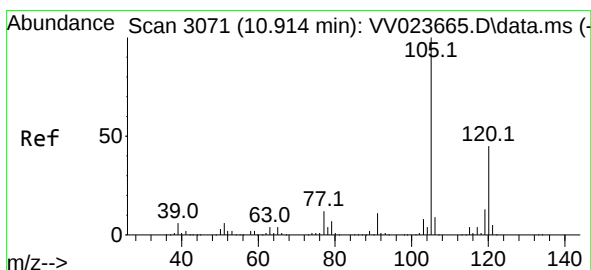
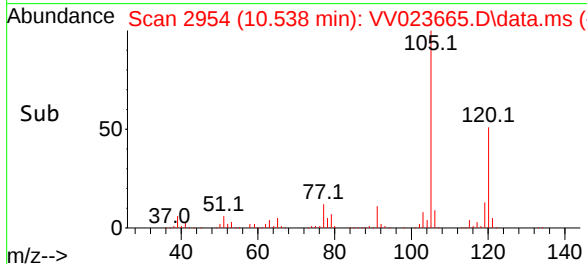
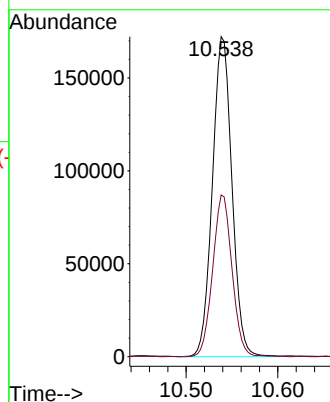
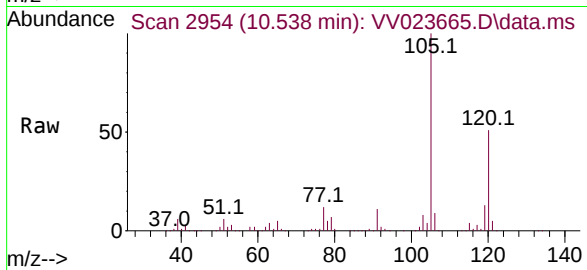
ClientSampleId :

Tgt Ion:105 Resp: 255310

Ion Ratio Lower Upper

105 100

120 50.1 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.883 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023665.D

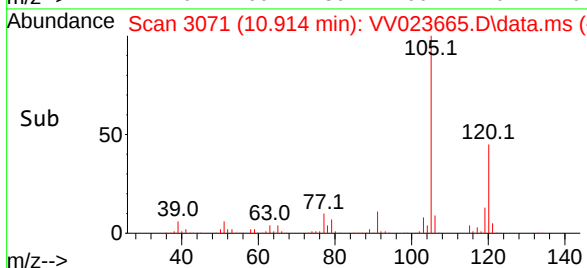
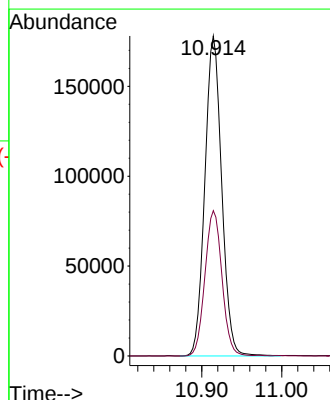
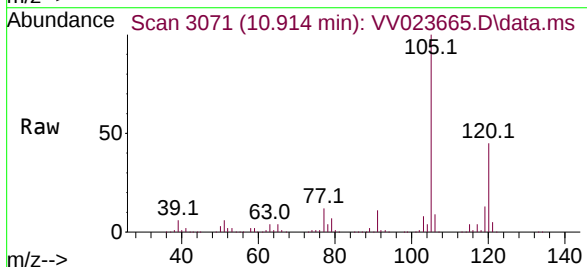
Acq: 23 Nov 2021 12:21

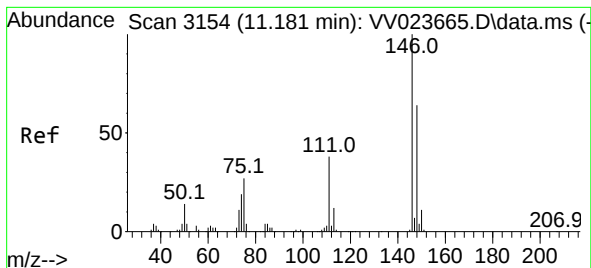
Tgt Ion:105 Resp: 261096

Ion Ratio Lower Upper

105 100

120 45.9 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 5.681 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

Instrument :

MSVOA_V

ClientSampleId :

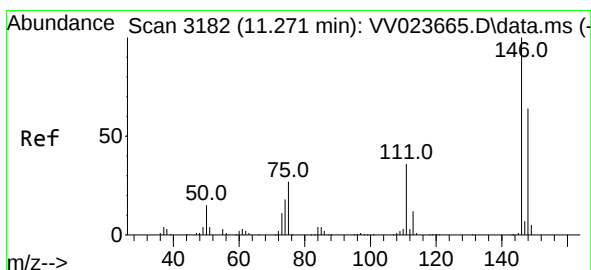
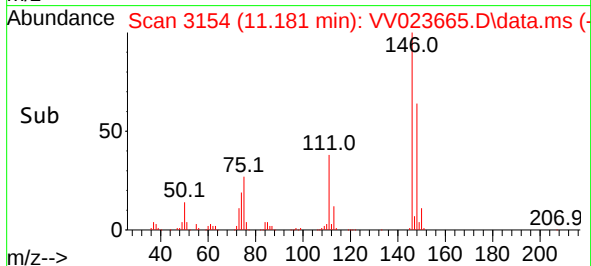
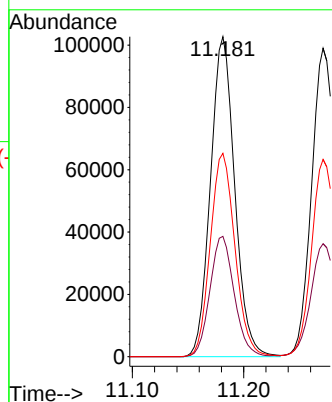
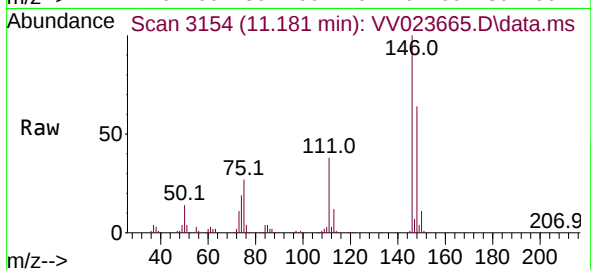
Tgt Ion:146 Resp: 155255

Ion Ratio Lower Upper

146 100

111 37.6 26.3 48.9

148 63.5 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 5.556 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

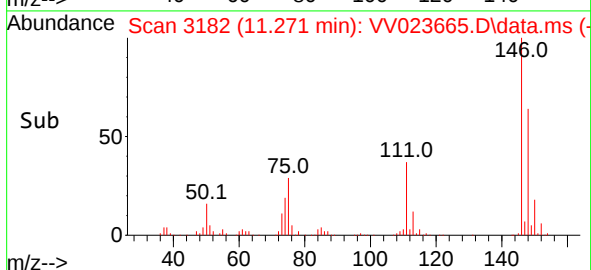
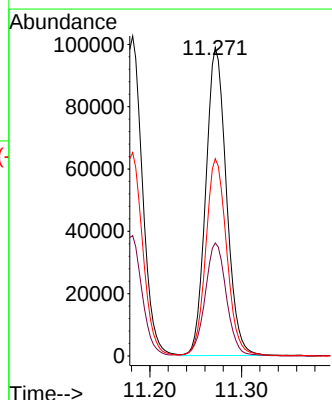
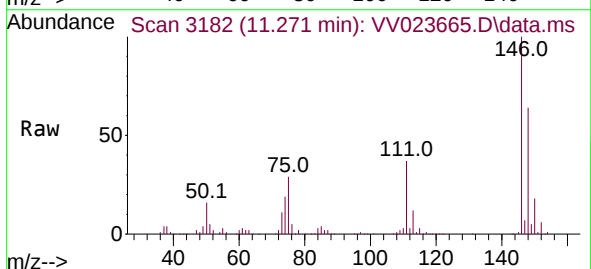
Tgt Ion:146 Resp: 154695

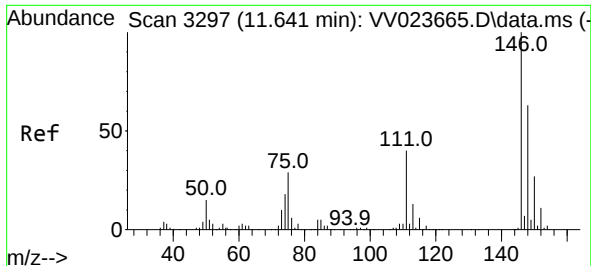
Ion Ratio Lower Upper

146 100

111 36.6 25.6 47.6

148 64.0 44.8 83.2

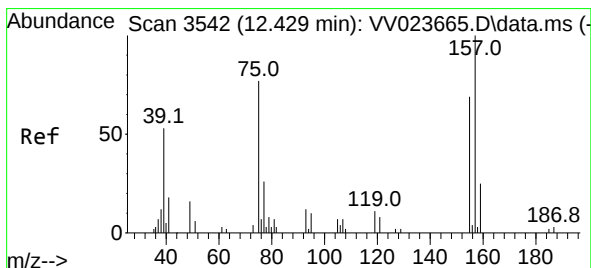
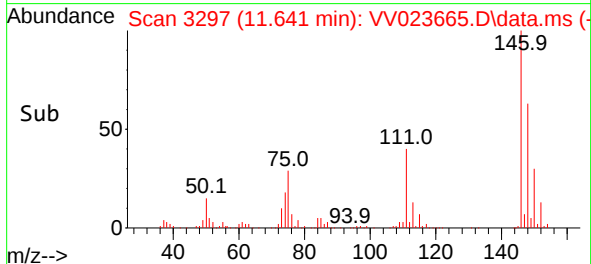
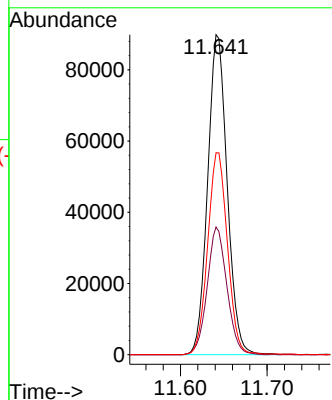
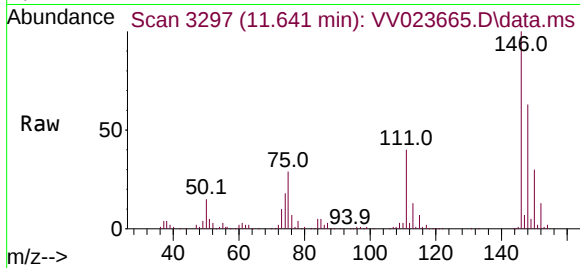




#67
1,2-Dichlorobenzene
Concen: 5.732 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

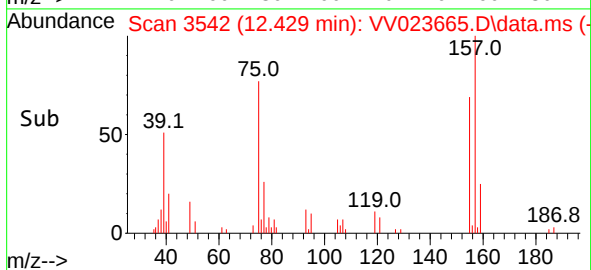
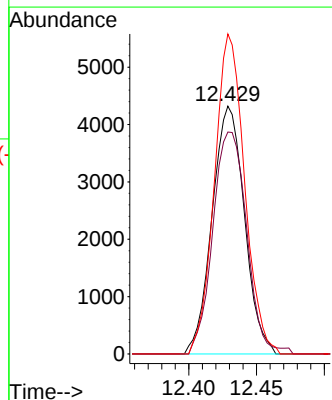
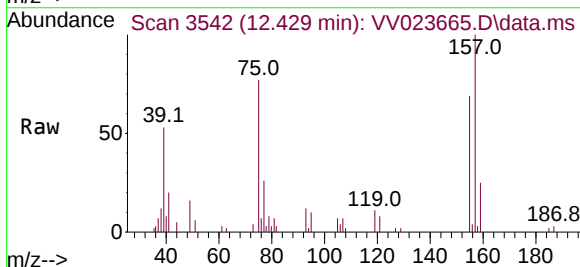
Instrument :
MSVOA_V
ClientSampleId :

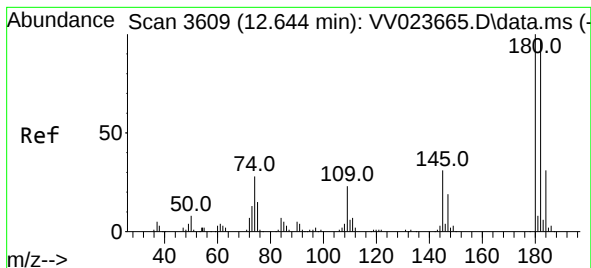
Tgt Ion:146 Resp: 140874
Ion Ratio Lower Upper
146 100
111 39.9 31.9 47.9
148 63.1 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.470 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023665.D
Acq: 23 Nov 2021 12:21

Tgt Ion: 75 Resp: 7161
Ion Ratio Lower Upper
75 100
155 89.6 71.7 107.5
157 129.1 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 5.518 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

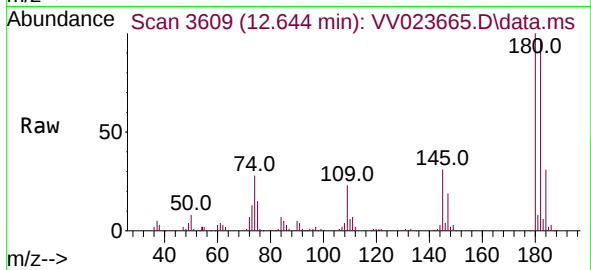
Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 118662

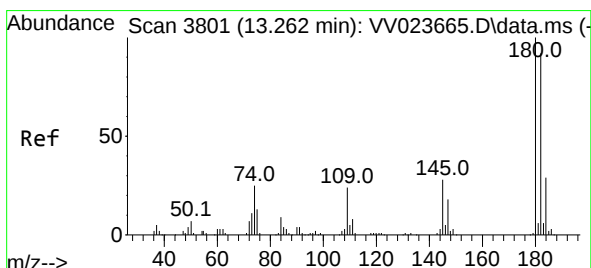
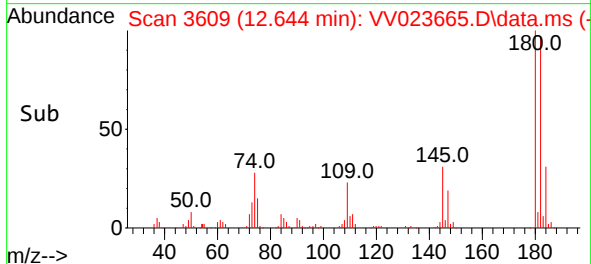
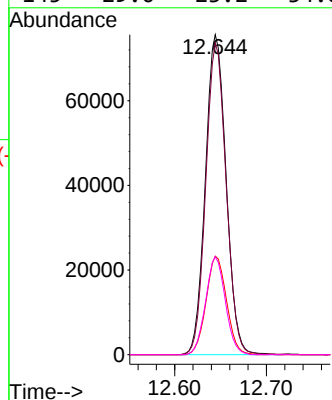
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

184 30.3 24.2 36.4

145 29.0 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.360 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

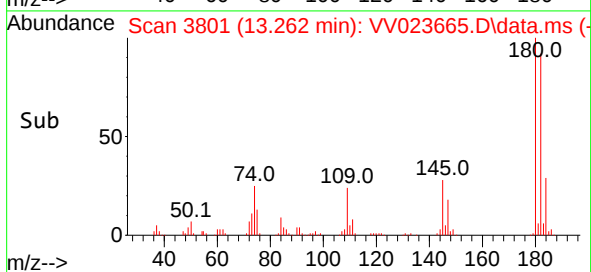
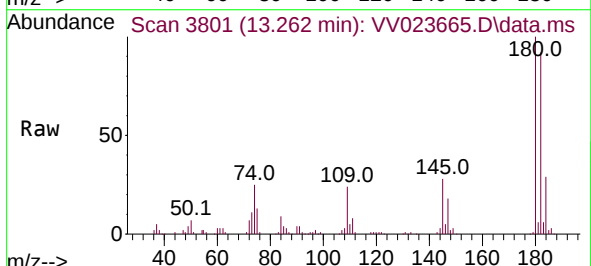
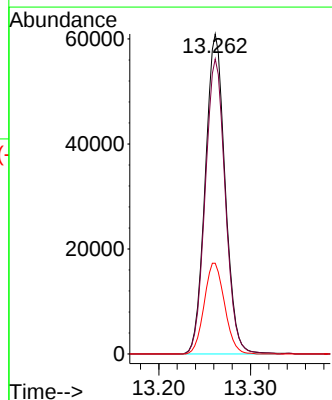
Tgt Ion:180 Resp: 91708

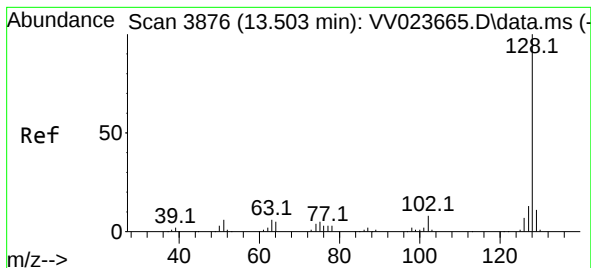
Ion Ratio Lower Upper

180 100

182 93.0 74.4 111.6

145 29.1 23.3 34.9





#71

Naphthalene

Concen: 4.936 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

Instrument :

MSVOA_V

ClientSampleId :

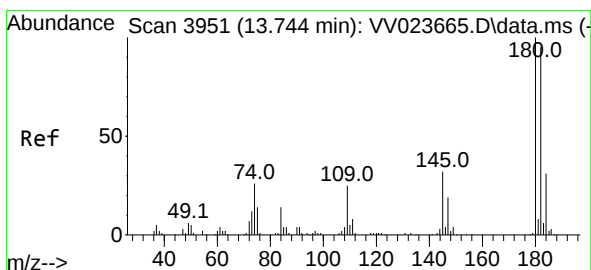
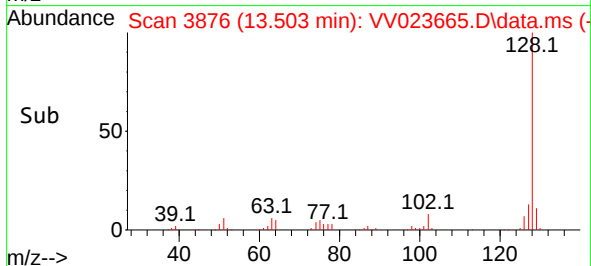
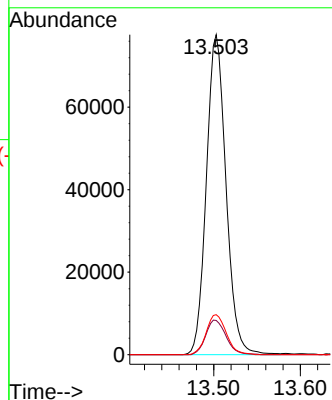
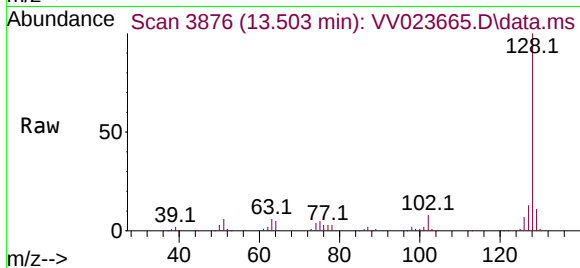
Tgt Ion:128 Resp: 122298

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 12.8 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.446 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023665.D

Acq: 23 Nov 2021 12:21

Tgt Ion:180 Resp: 81397

Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 32.2 25.8 38.6

