

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120221\
 Data File : VW023765.D
 Acq On : 01 Dec 2021 21:00
 Operator : SY/MD
 Sample : VSTD10005
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 02 00:50:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 02 00:47:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	285016	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	283354	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	163984	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	342028	87.497	ug/L	0.00
7) Chloroethane-d5	1.565	69	284650	86.319	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	699284	101.150	ug/L	0.00
21) 2-Butanone-d5	3.892	46	182876	137.061	ug/L	-0.01
24) Chloroform-d	4.343	84	780636	103.485	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	421731	99.198	ug/L	0.00
32) Benzene-d6	5.047	84	1476809	97.215	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	427998	90.896	ug/L	0.00
41) Toluene-d8	7.313	98	1433105	103.094	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	212837	106.363	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	177234	183.154	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	372309	85.839	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	583918	95.419	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	500625	151.439	ug/L	99
3) Chloromethane	1.237	50	446458	113.479	ug/L	99
5) Vinyl chloride	1.307	62	453048	112.698	ug/L	99
6) Bromomethane	1.519	94	307748	116.996	ug/L	97
8) Chloroethane	1.581	64	270483	105.198	ug/L	99
9) Trichlorofluoromethane	1.748	101	723740	127.502	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	377384	107.923	ug/L	100
12) 1,1-Dichloroethene	2.114	96	353098	107.590	ug/L	92
13) Acetone	2.111	43	4842	3.414	ug/L	77
14) Carbon disulfide	2.288	76	1309945	125.932	ug/L	99
15) Methyl Acetate	2.433	43	162132	73.055	ug/L	93
16) Methylene chloride	2.500	84	442466	94.132	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	443020	114.049	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	1044449	109.213	ug/L	99
19) 1,1-Dichloroethane	3.185	63	715351	102.423	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	469807	109.967	ug/L	99
22) 2-Butanone	3.979	43	207253	133.940	ug/L #	80
23) Bromochloromethane	4.243	128	231448	109.584	ug/L	96
25) Chloroform	4.371	83	789049	107.158	ug/L	99
27) 1,2-Dichloroethane	5.127	62	537198	106.736	ug/L	100
29) Cyclohexane	4.674	56	646524	105.191	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	723764	121.117	ug/L	99
31) Carbon tetrachloride	4.825	117	662251	122.385	ug/L	98
33) Benzene	5.095	78	1691875	104.888	ug/L	100
34) Trichloroethene	5.912	95	459367	104.695	ug/L	98
35) Methylcyclohexane	6.130	83	757747	110.060	ug/L	100
37) 1,2-Dichloropropane	6.172	63	401303	98.449	ug/L	99
38) Bromodichloromethane	6.506	83	582978	107.573	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	691271	112.570	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	523139	166.674	ug/L	98
42) Toluene	7.384	91	1891168	109.500	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	629354	121.296	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120221\
 Data File : VV023765.D
 Acq On : 01 Dec 2021 21:00
 Operator : SY/MD
 Sample : VSTD10005
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

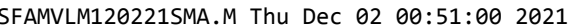
Instrument :
 MSVOA_V
 ClientSampleId :

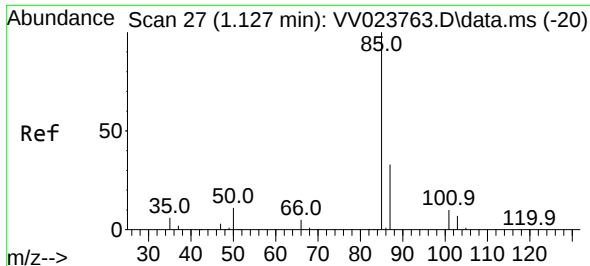
Quant Time: Dec 02 00:50:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 02 00:47:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	338020	97.509	ug/L	97
46) Tetrachloroethene	7.973	164	400369	109.453	ug/L	98
48) 2-Hexanone	8.140	43	378816	167.408	ug/L	99
49) Dibromochloromethane	8.243	129	456502	113.138	ug/L	99
50) 1,2-Dibromoethane	8.349	107	346469	101.694	ug/L	97
51) Chlorobenzene	8.879	112	1252331	106.910	ug/L	99
52) Ethylbenzene	9.011	91	2064585	109.325	ug/L	99
53) m,p-Xylene	9.137	106	818120	112.970	ug/L	98
54) o-Xylene	9.542	106	790599	113.830	ug/L	98
55) Styrene	9.558	104	1370373	112.831	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	384061	92.341	ug/L	99
59) Bromoform	9.731	173	282129	102.028	ug/L #	100
60) Isopropylbenzene	9.931	105	2096078	107.123	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	289666	81.466	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	1882809	118.035	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	1885304	117.908	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	1073048	104.209	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	1062795	98.142	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	990583	101.146	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	73604	93.442	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	860108	103.920	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	722433	102.709	ug/L	98
71) Naphthalene	13.500	128	1384570	102.933	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	638197	94.849	ug/L	100

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

Quant Time: Dec 02 00:50:53 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 02 00:47:36 2021
Response via : Initial Calibration

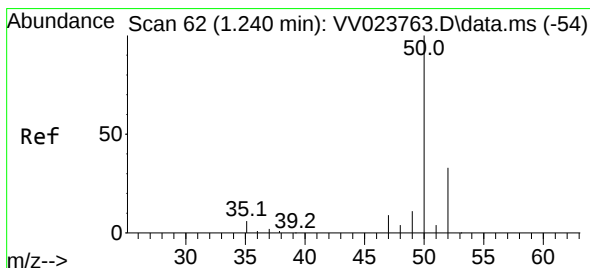
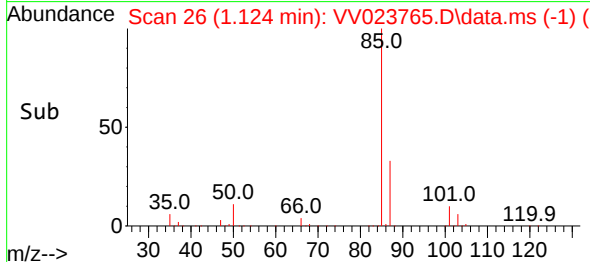
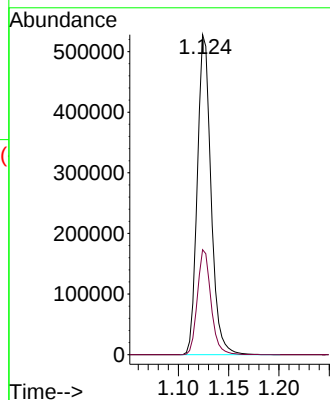
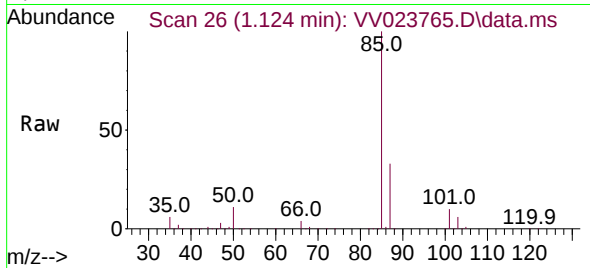




#2
 Dichlorodifluoromethane
 Concen: 151.439 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV023765.D
 Acq: 01 Dec 2021 21:00

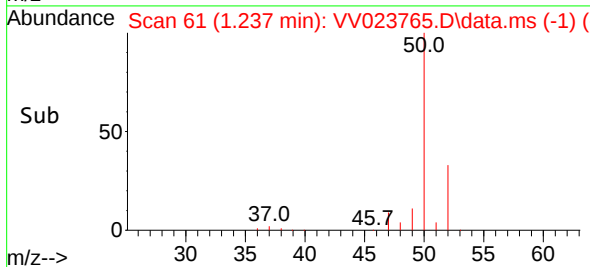
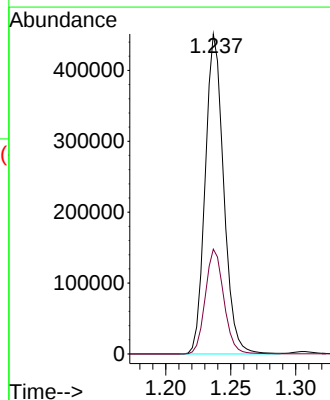
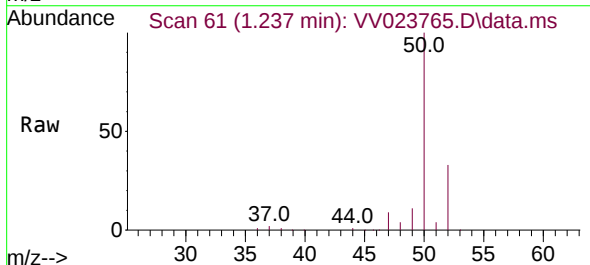
Instrument :
 MSVOA_V
 ClientSampleId :

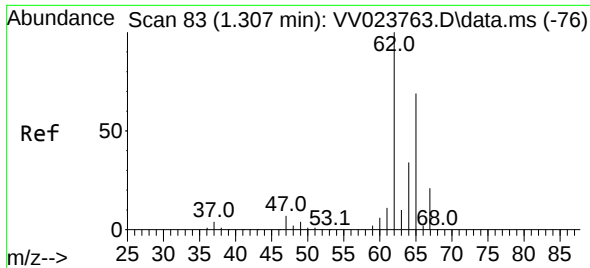
Tgt Ion: 85 Resp: 500625
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.6 40.0



#3
 Chloromethane
 Concen: 113.479 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV023765.D
 Acq: 01 Dec 2021 21:00

Tgt Ion: 50 Resp: 446458
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.3 43.3

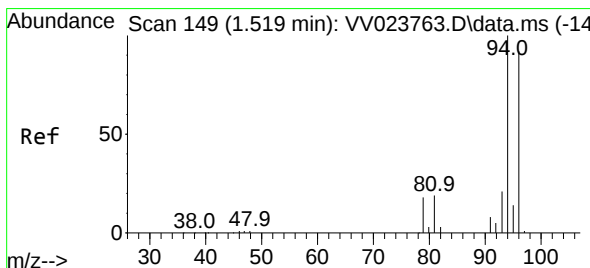
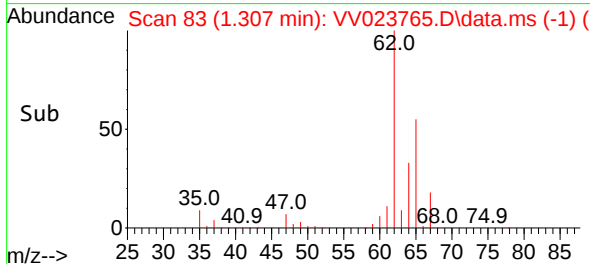
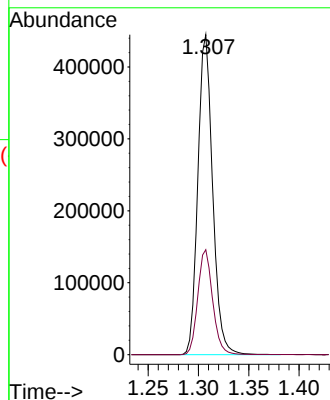
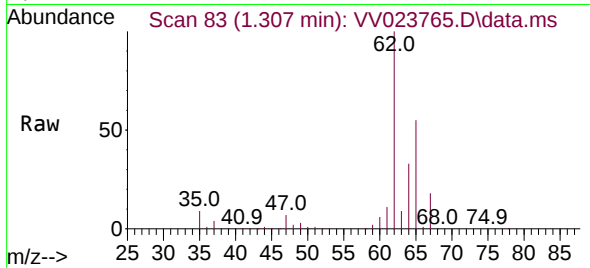




#5
 Vinyl chloride
 Concen: 112.698 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV023765.D
 Acq: 01 Dec 2021 21:00

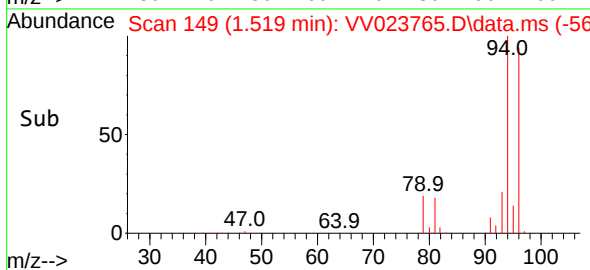
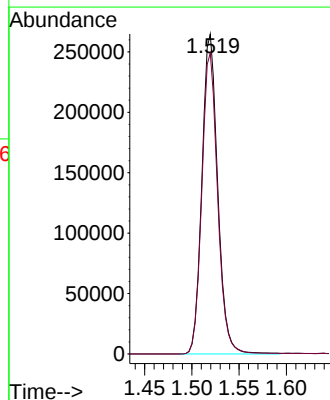
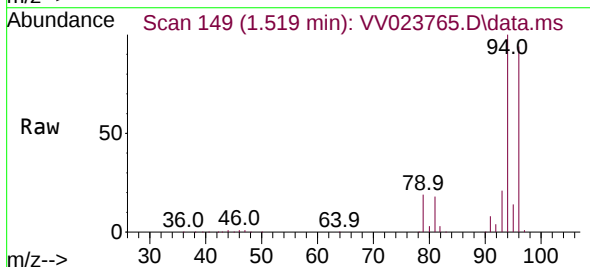
Instrument :
 MSVOA_V
 ClientSampleId :

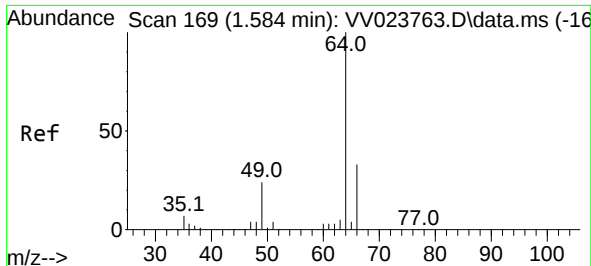
Tgt Ion: 62 Resp: 453048
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.5 43.7



#6
 Bromomethane
 Concen: 116.996 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV023765.D
 Acq: 01 Dec 2021 21:00

Tgt Ion: 94 Resp: 307748
 Ion Ratio Lower Upper
 94 100
 96 94.1 64.1 119.1

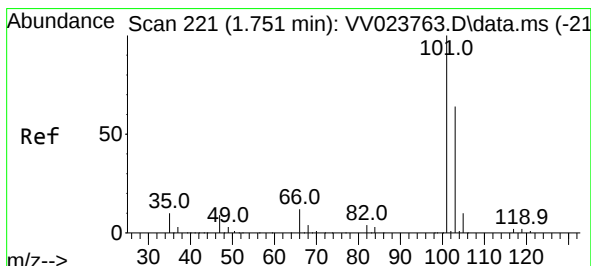
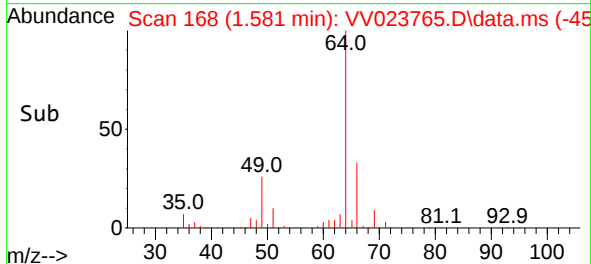
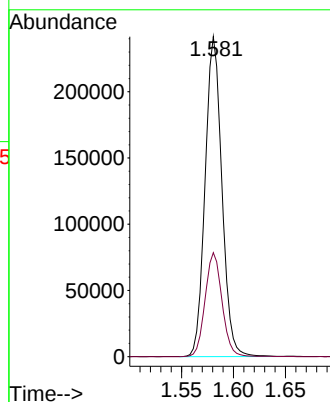
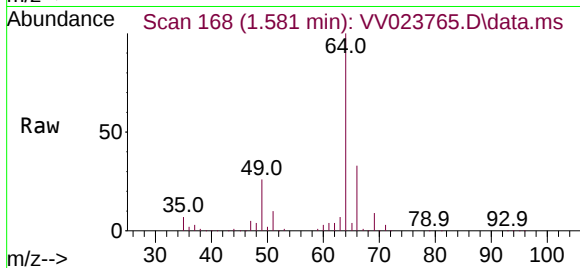




#8
Chloroethane
Concen: 105.198 ug/L
RT: 1.581 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

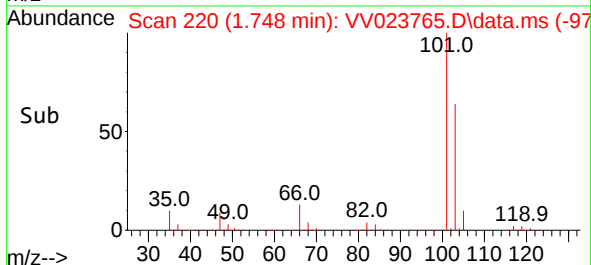
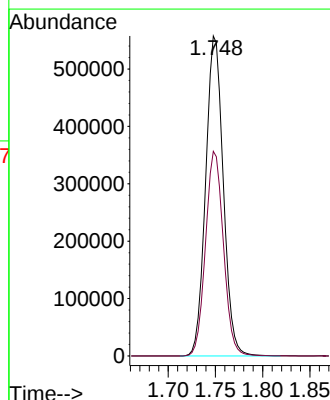
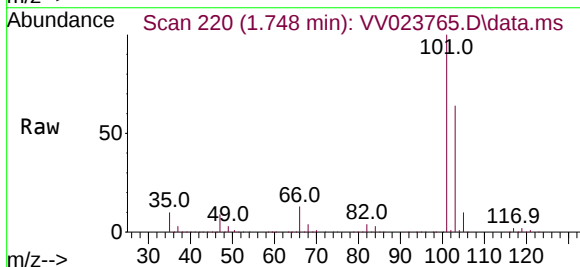
Instrument :
MSVOA_V
ClientSampleId :

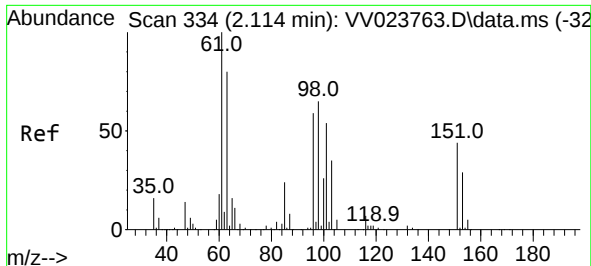
Tgt Ion: 64 Resp: 270483
Ion Ratio Lower Upper
64 100
66 32.5 23.0 42.6



#9
Trichlorofluoromethane
Concen: 127.502 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

Tgt Ion:101 Resp: 723740
Ion Ratio Lower Upper
101 100
103 64.8 51.3 76.9

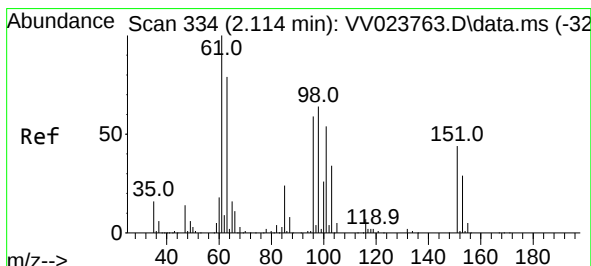
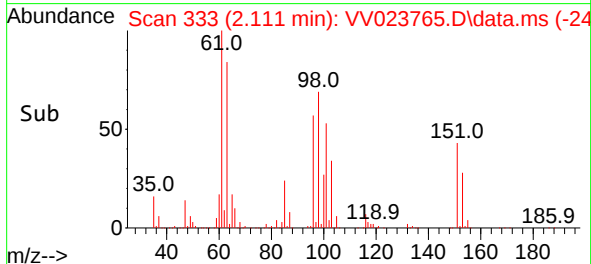
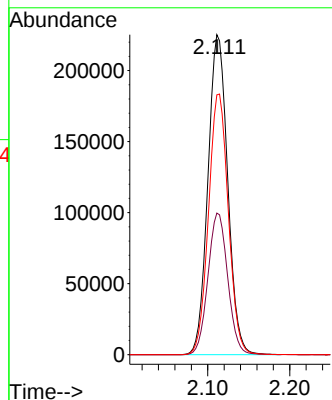
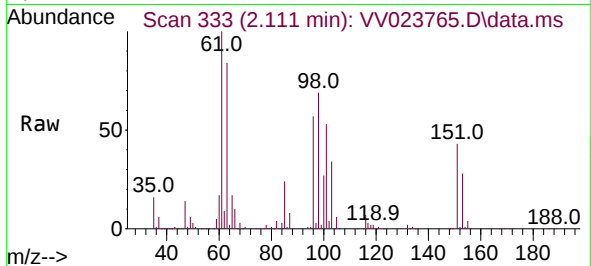




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 107.923 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV023765.D
 Acq: 01 Dec 2021 21:00

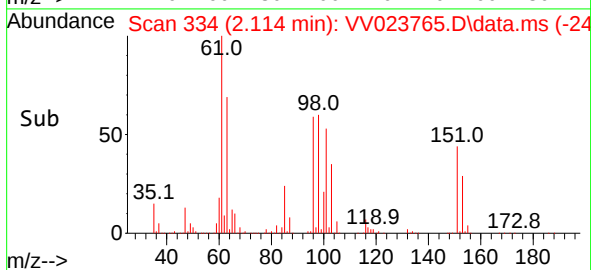
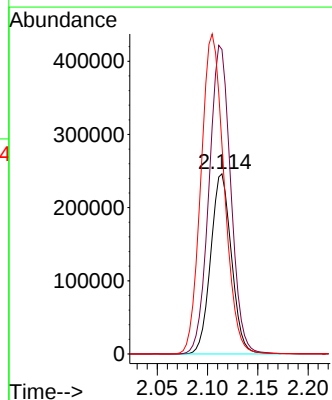
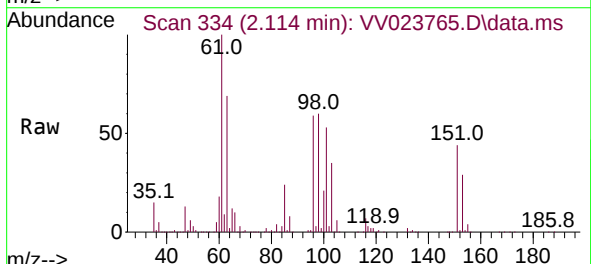
Instrument :
 MSVOA_V
 ClientSampleId :

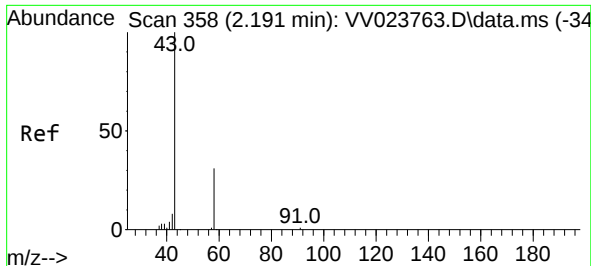
Tgt Ion:101 Resp: 377384
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.1 52.7
 151 81.8 65.6 98.4



#12
 1,1-Dichloroethene
 Concen: 107.590 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV023765.D
 Acq: 01 Dec 2021 21:00

Tgt Ion: 96 Resp: 353098
 Ion Ratio Lower Upper
 96 100
 61 169.0 119.4 221.8
 63 116.0 95.4 177.2





#13

Acetone

Concen: 3.414 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.080 min

Lab File: VV023765.D

Acq: 01 Dec 2021 21:00

Instrument :

MSVOA_V

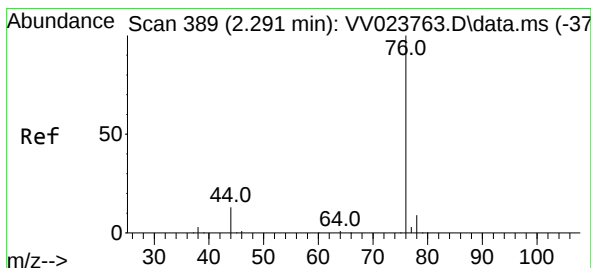
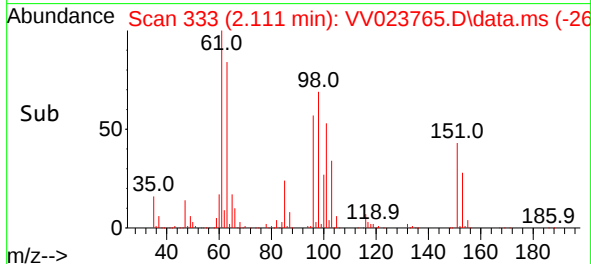
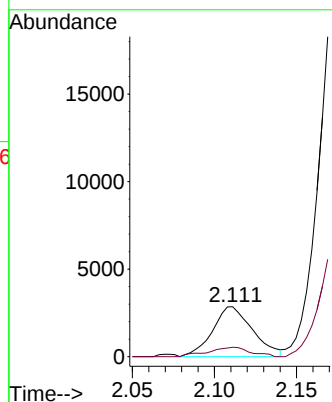
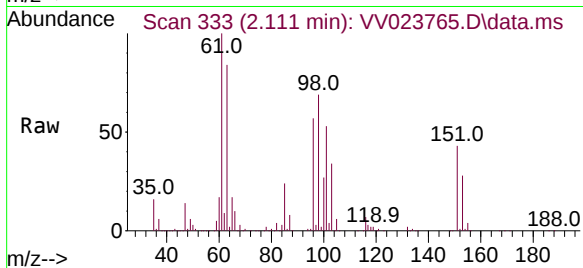
ClientSampleId :

Tgt Ion: 43 Resp: 4842

Ion Ratio Lower Upper

43 100

58 17.1 0.0 17.8



#14

Carbon disulfide

Concen: 125.932 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV023765.D

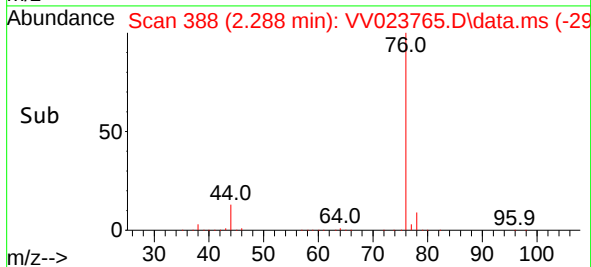
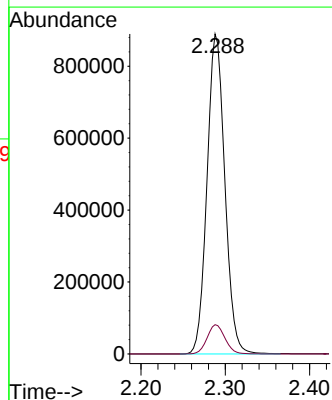
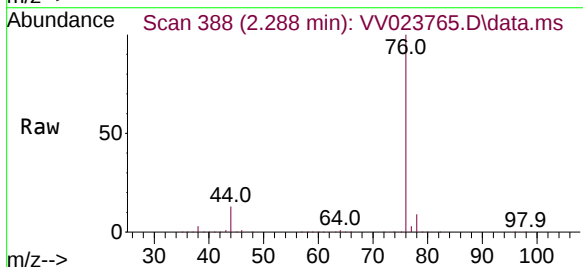
Acq: 01 Dec 2021 21:00

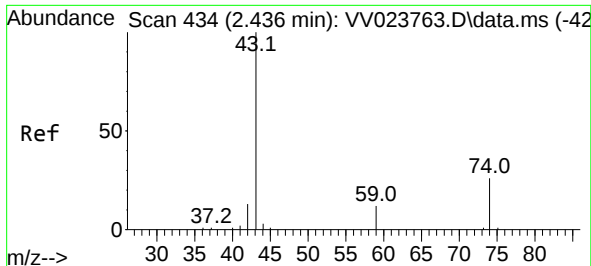
Tgt Ion: 76 Resp: 1309945

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

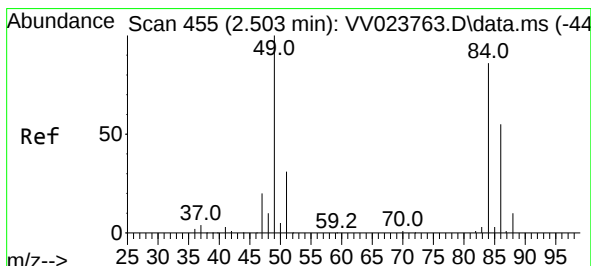
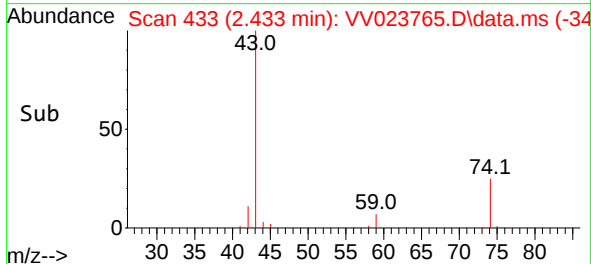
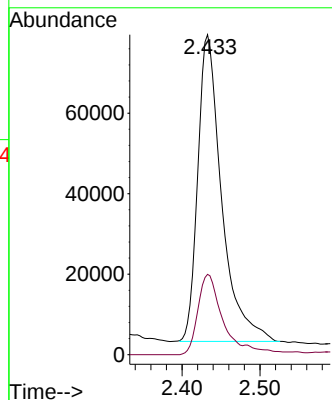
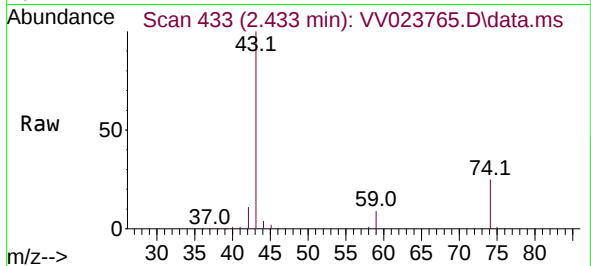




#15
Methyl Acetate
Concen: 73.055 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

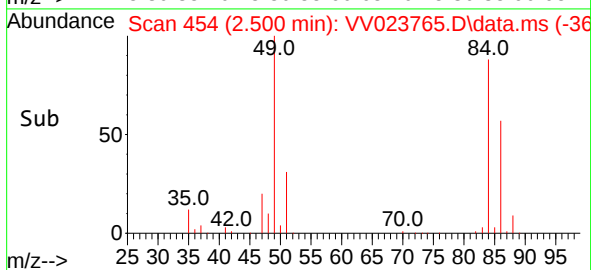
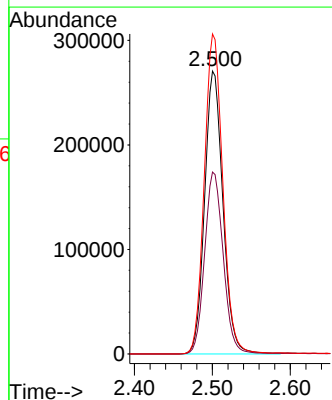
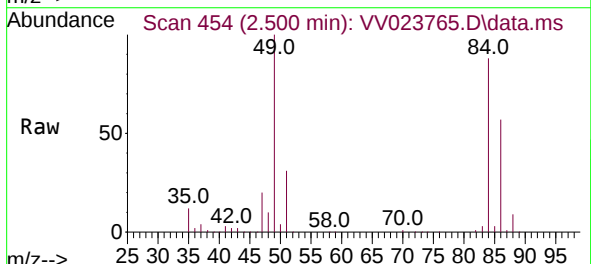
Instrument :
MSVOA_V
ClientSampleId :

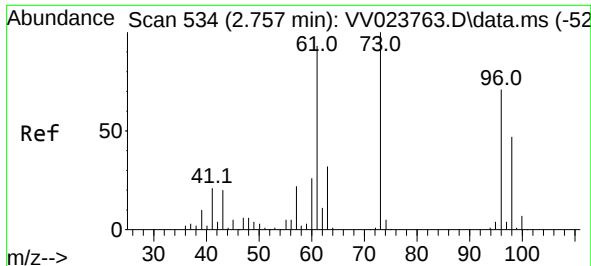
Tgt Ion: 43 Resp: 162132
Ion Ratio Lower Upper
43 100
74 25.5 17.6 26.4



#16
Methylene chloride
Concen: 94.132 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

Tgt Ion: 84 Resp: 442466
Ion Ratio Lower Upper
84 100
86 64.3 45.3 84.1
49 113.1 81.8 152.0

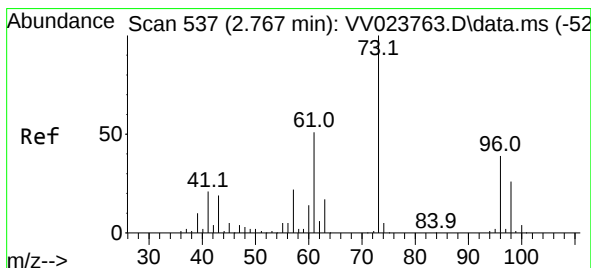
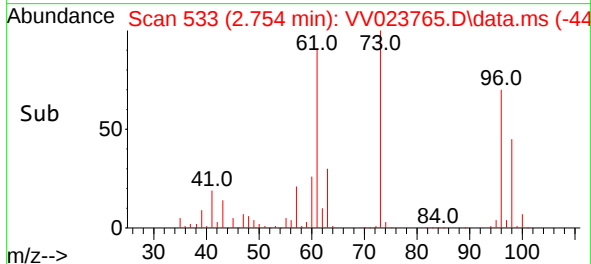
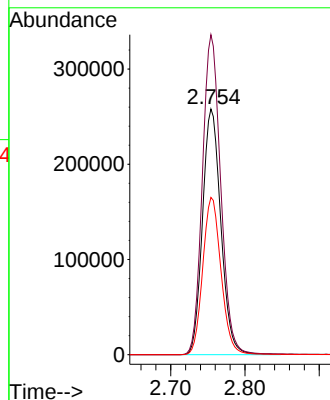
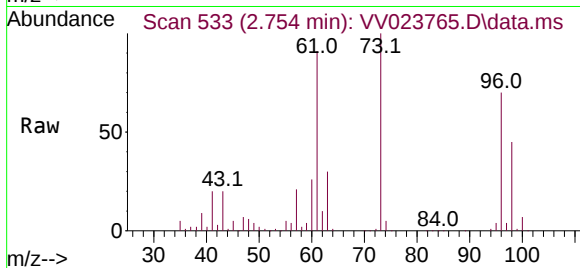




#17
trans-1,2-Dichloroethene
Concen: 114.049 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

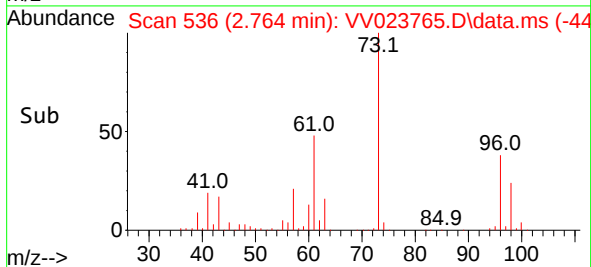
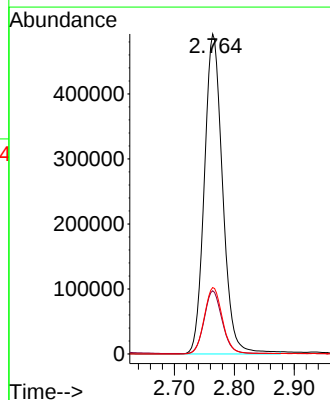
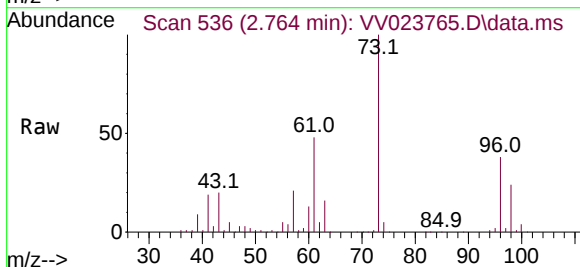
Instrument :
MSVOA_V
ClientSampleId :

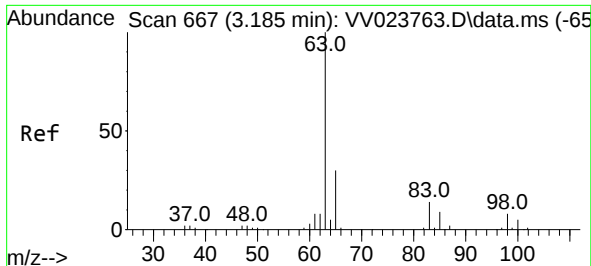
Tgt Ion: 96 Resp: 443020
Ion Ratio Lower Upper
96 100
61 130.2 91.0 169.0
98 64.0 45.9 85.3



#18
Methyl tert-butyl Ether
Concen: 109.213 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

Tgt Ion: 73 Resp: 1044449
Ion Ratio Lower Upper
73 100
43 19.3 15.0 22.4
57 20.6 17.0 25.4





#19

1,1-Dichloroethane

Concen: 102.423 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV023765.D

Acq: 01 Dec 2021 21:00

Instrument :

MSVOA_V

ClientSampleId :

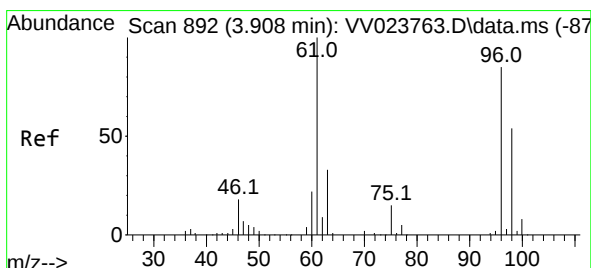
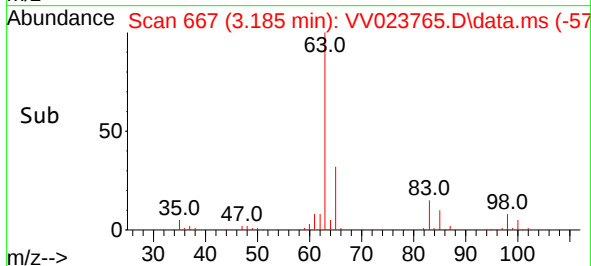
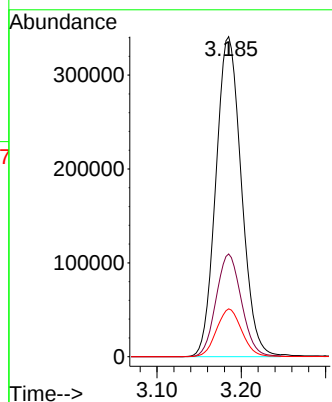
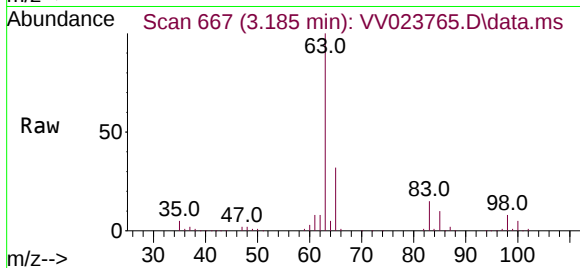
Tgt Ion: 63 Resp: 715351

Ion Ratio Lower Upper

63 100

65 32.1 21.3 39.5

83 14.9 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 109.967 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV023765.D

Acq: 01 Dec 2021 21:00

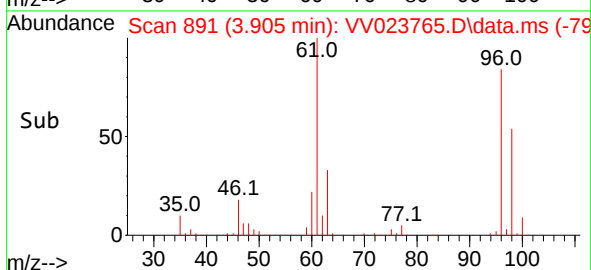
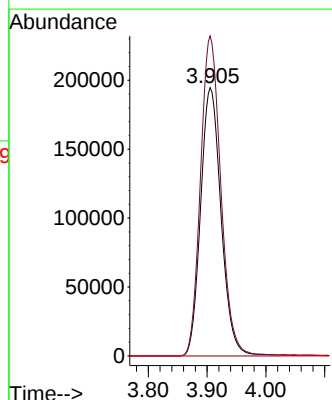
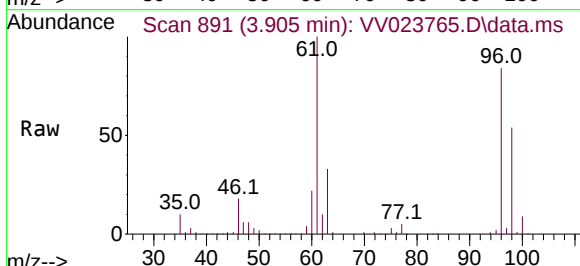
Tgt Ion: 96 Resp: 469807

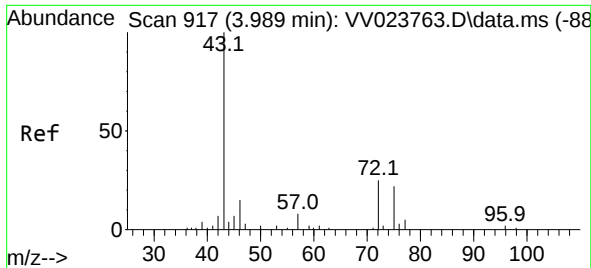
Ion Ratio Lower Upper

96 100

61 119.2 82.5 153.3

68 0.0 0.0 0.0

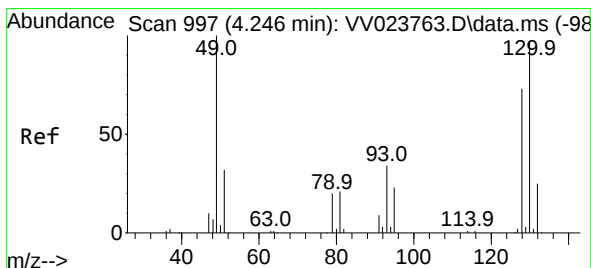
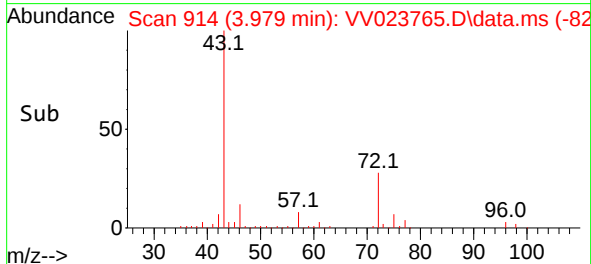
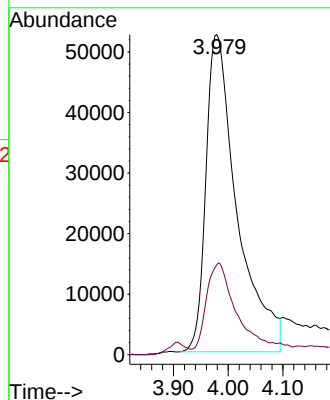
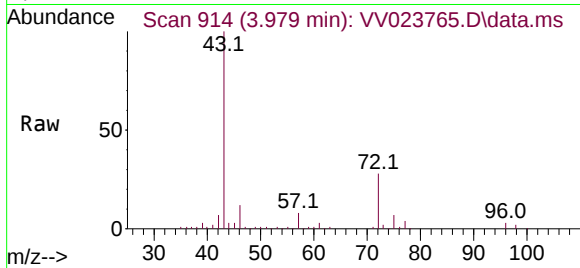




#22
2-Butanone
Concen: 133.940 ug/L
RT: 3.979 min Scan# 914
Delta R.T. -0.010 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

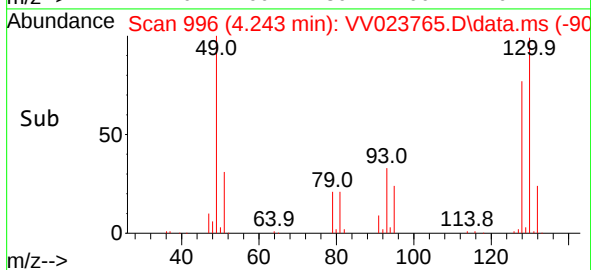
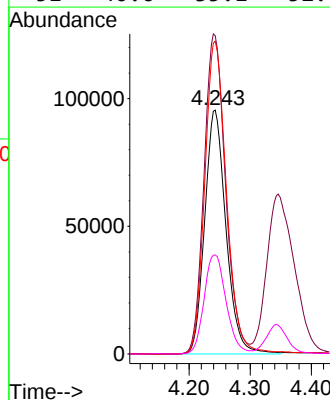
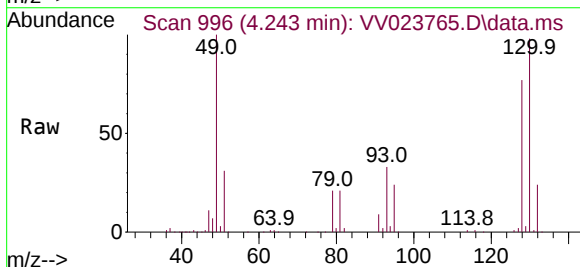
Instrument :
MSVOA_V
ClientSampleId :

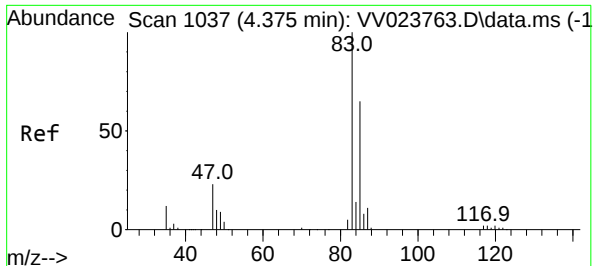
Tgt Ion: 43 Resp: 207253
Ion Ratio Lower Upper
43 100
72 25.2 8.3 25.1#



#23
Bromochloromethane
Concen: 109.584 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

Tgt Ion:128 Resp: 231448
Ion Ratio Lower Upper
128 100
49 130.5 95.7 177.7
130 128.3 92.4 171.6
51 40.6 35.1 52.7

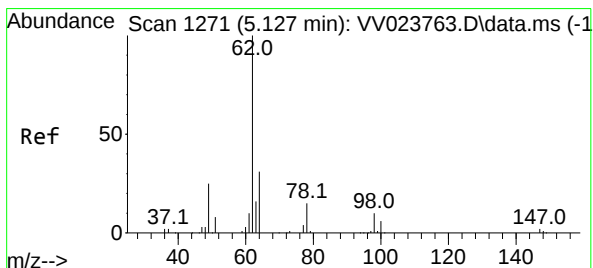
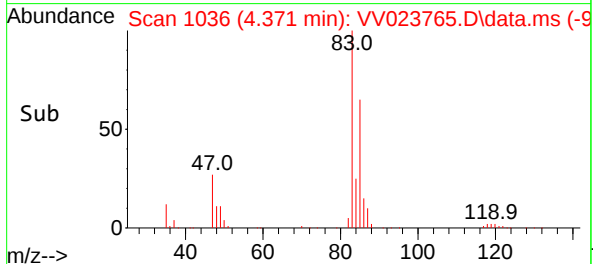
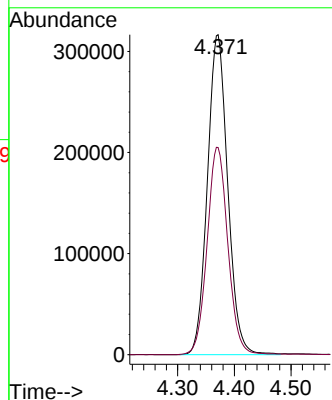
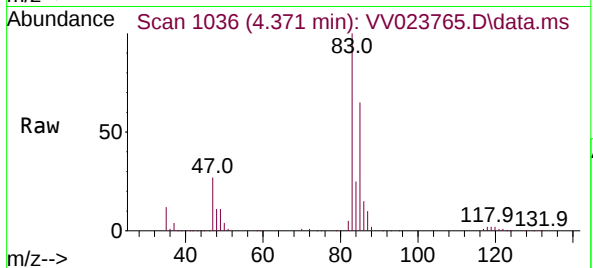




#25
Chloroform
Concen: 107.158 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

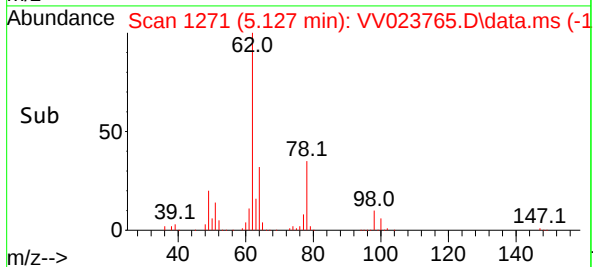
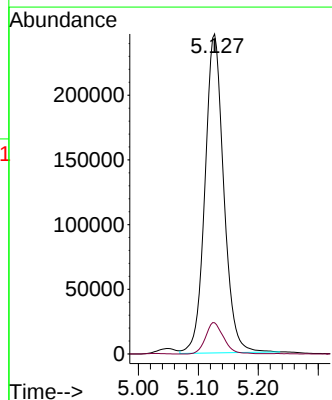
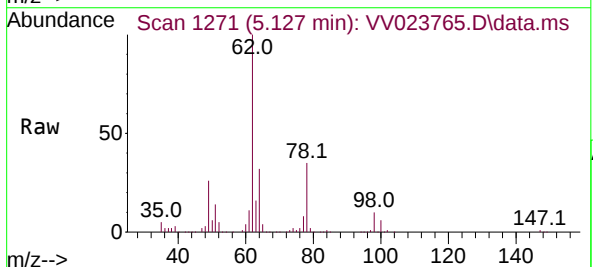
Instrument :
MSVOA_V
ClientSampleId :

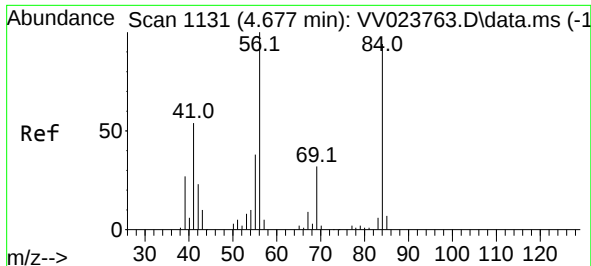
Tgt Ion: 83 Resp: 789049
Ion Ratio Lower Upper
83 100
85 64.8 46.0 85.4



#27
1,2-Dichloroethane
Concen: 106.736 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

Tgt Ion: 62 Resp: 537198
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.6





#29

Cyclohexane

Concen: 105.191 ug/L

RT: 4.674 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV023765.D

Acq: 01 Dec 2021 21:00

Instrument :

MSVOA_V

ClientSampleId :

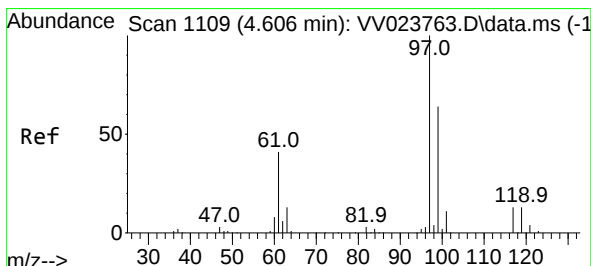
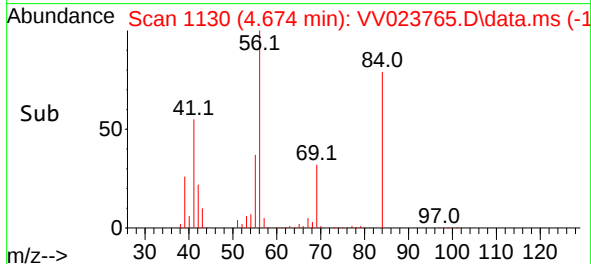
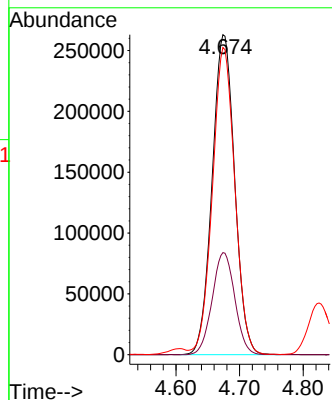
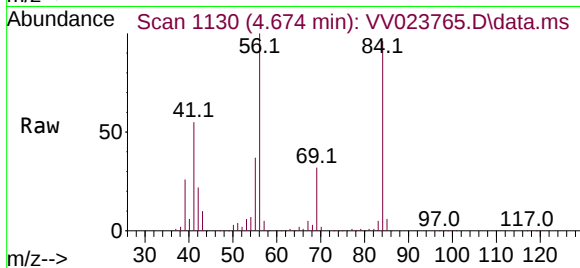
Tgt Ion: 56 Resp: 646524

Ion Ratio Lower Upper

56 100

69 32.0 25.2 37.8

84 95.2 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 121.117 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV023765.D

Acq: 01 Dec 2021 21:00

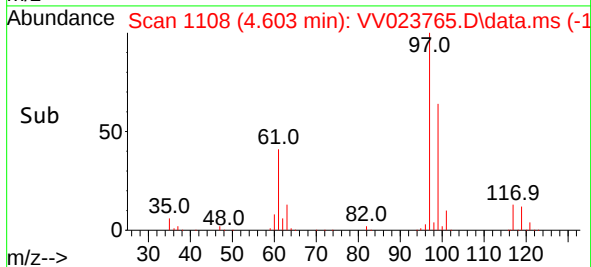
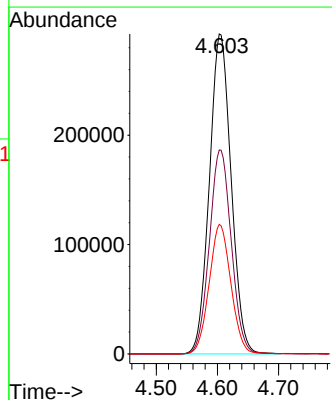
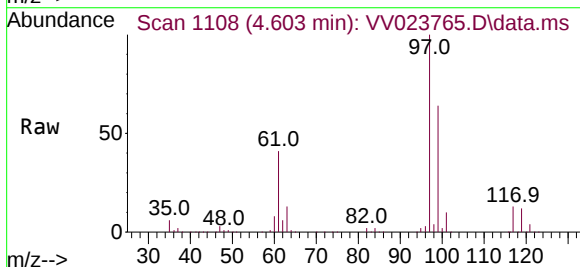
Tgt Ion: 97 Resp: 723764

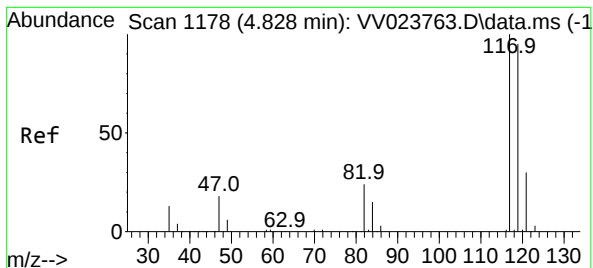
Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

61 40.5 33.3 49.9





#31

Carbon tetrachloride

Concen: 122.385 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VV023765.D

Acq: 01 Dec 2021 21:00

Instrument :

MSVOA_V

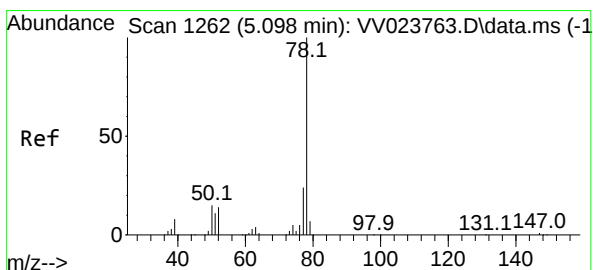
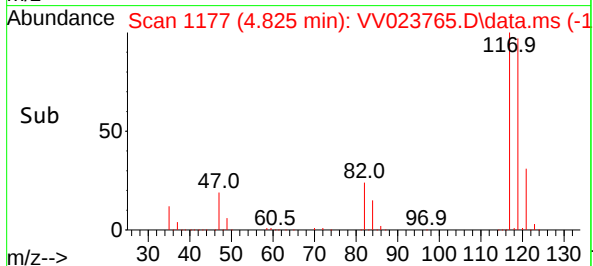
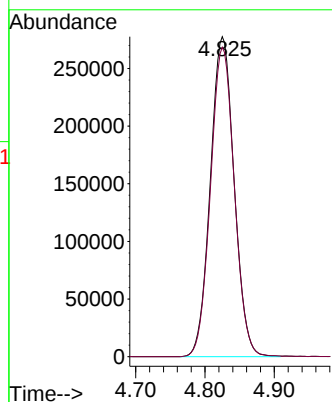
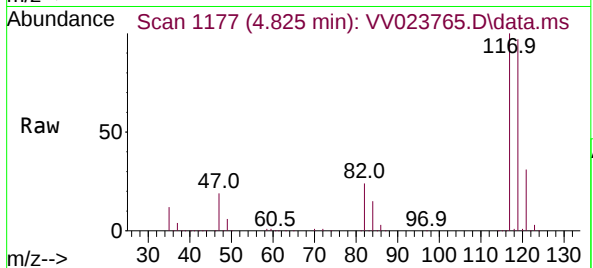
ClientSampleId :

Tgt Ion:117 Resp: 662251

Ion Ratio Lower Upper

117 100

119 96.8 76.0 114.0



#33

Benzene

Concen: 104.888 ug/L

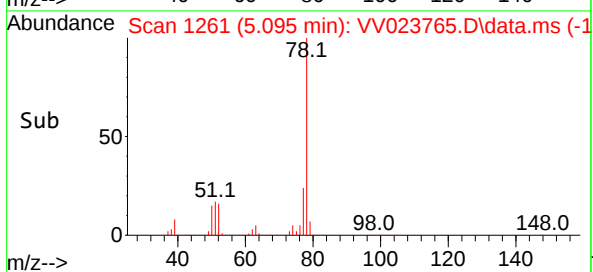
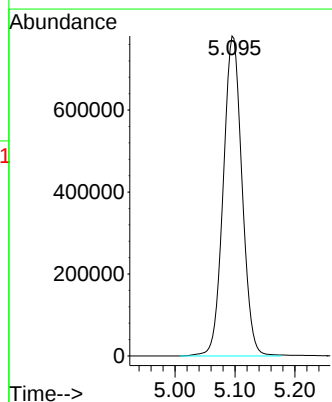
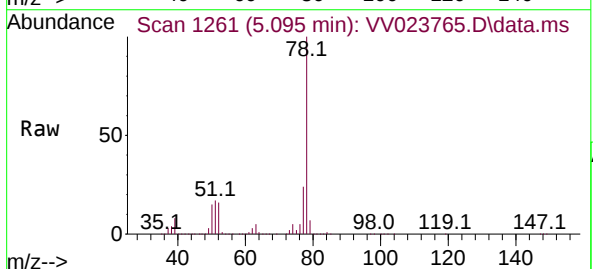
RT: 5.095 min Scan# 1261

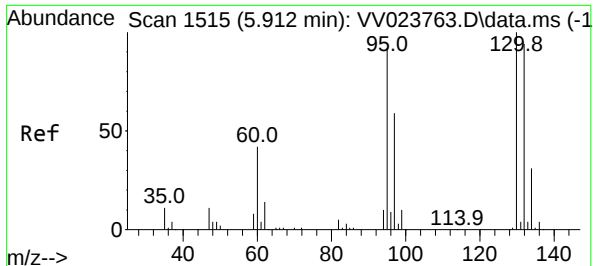
Delta R.T. -0.003 min

Lab File: VV023765.D

Acq: 01 Dec 2021 21:00

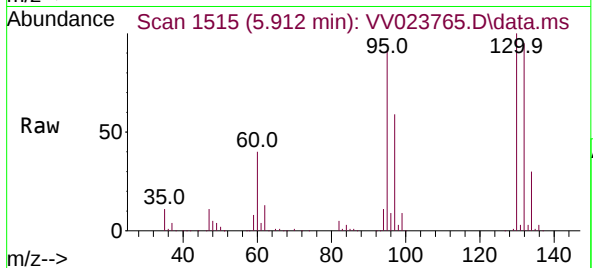
Tgt Ion: 78 Resp: 1691875



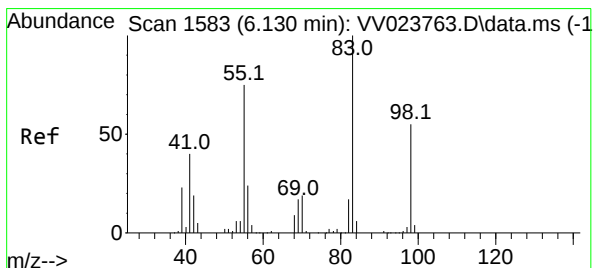
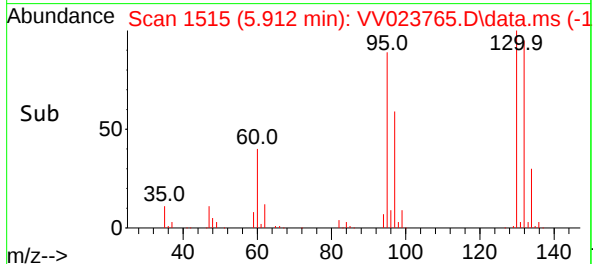
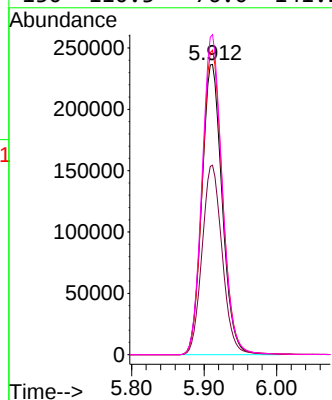


#34
Trichloroethene
Concen: 104.695 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

Instrument :
MSVOA_V
ClientSampleId :

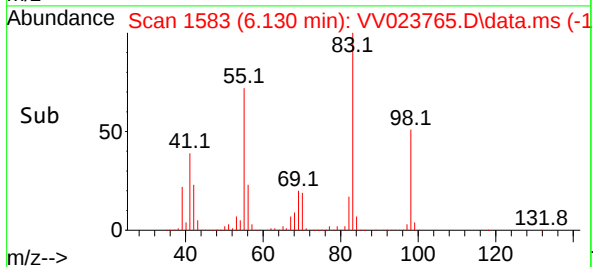
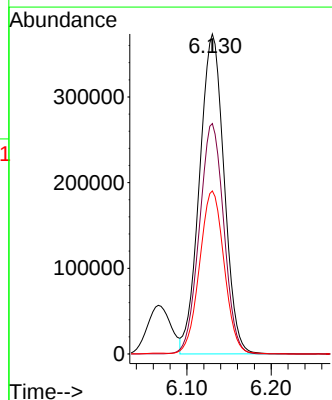
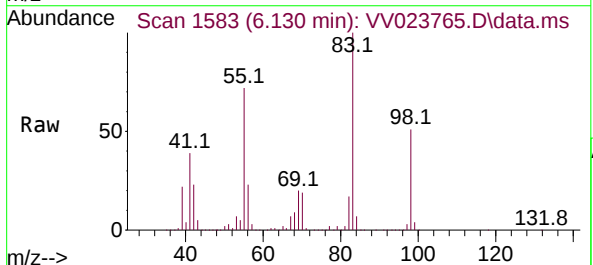


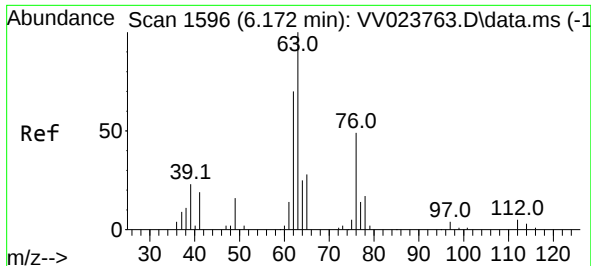
Tgt Ion: 95 Resp: 459367
Ion Ratio Lower Upper
95 100
97 65.3 44.5 82.7
132 105.0 71.7 133.1
130 110.3 76.0 141.2



#35
Methylcyclohexane
Concen: 110.060 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

Tgt Ion: 83 Resp: 757747
Ion Ratio Lower Upper
83 100
55 71.7 57.4 86.2
98 51.2 40.4 60.6





#37

1,2-Dichloropropane

Concen: 98.449 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV023765.D

Acq: 01 Dec 2021 21:00

Instrument :

MSVOA_V

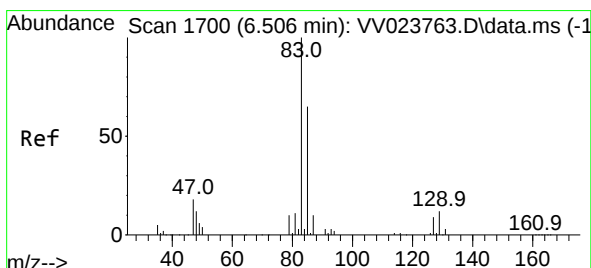
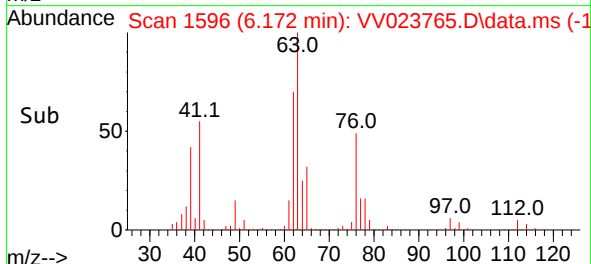
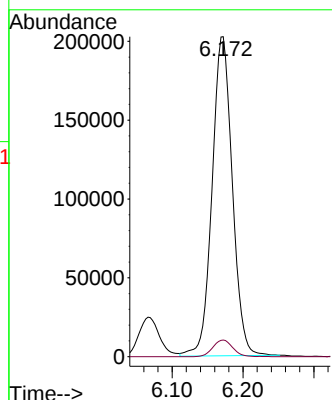
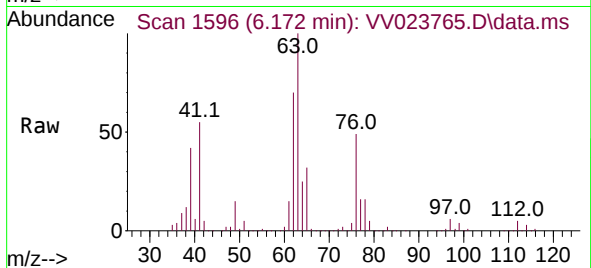
ClientSampleId :

Tgt Ion: 63 Resp: 401303

Ion Ratio Lower Upper

63 100

112 5.1 4.3 6.5



#38

Bromodichloromethane

Concen: 107.573 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV023765.D

Acq: 01 Dec 2021 21:00

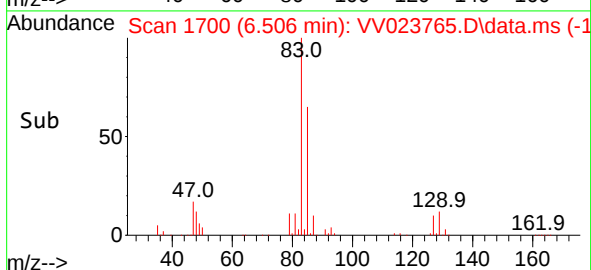
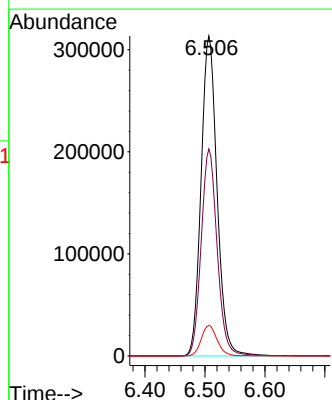
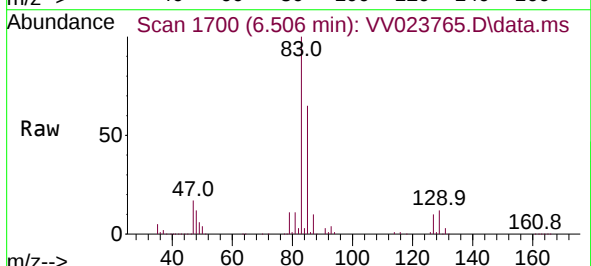
Tgt Ion: 83 Resp: 582978

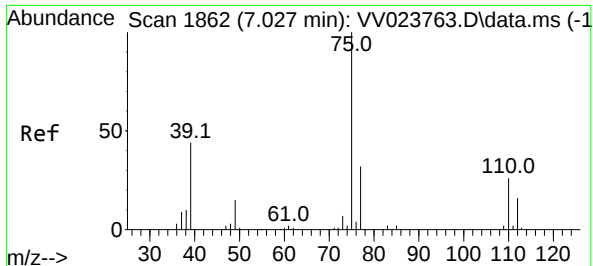
Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.2

127 9.5 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 112.570 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV023765.D

Acq: 01 Dec 2021 21:00

Instrument :

MSVOA_V

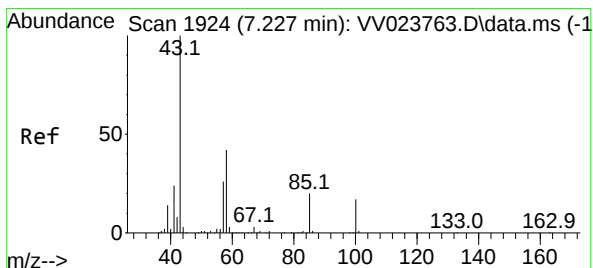
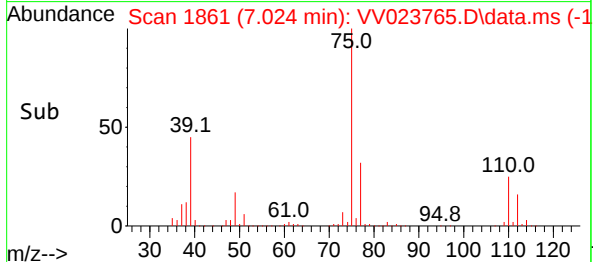
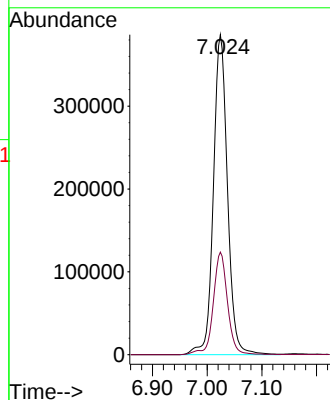
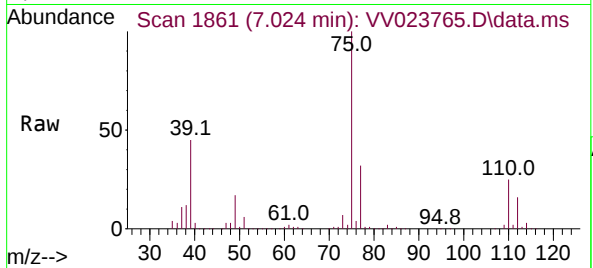
ClientSampleId :

Tgt Ion: 75 Resp: 691271

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 166.674 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023765.D

Acq: 01 Dec 2021 21:00

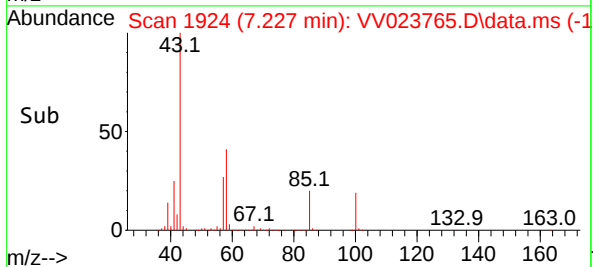
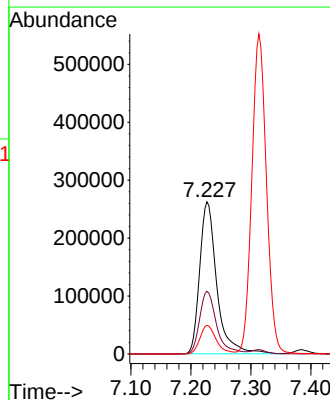
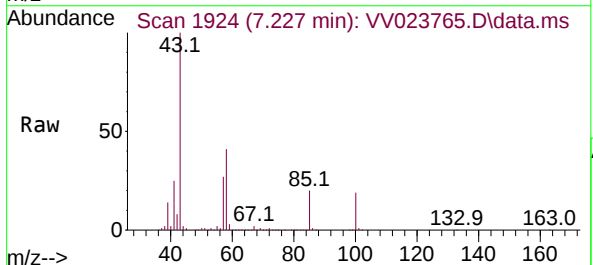
Tgt Ion: 43 Resp: 523139

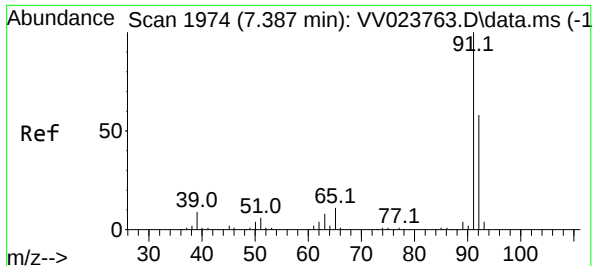
Ion Ratio Lower Upper

43 100

58 40.7 31.6 47.4

100 17.8 13.8 20.6

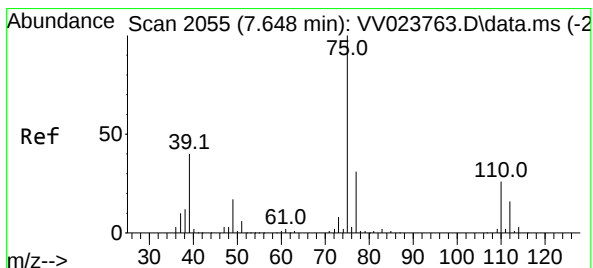
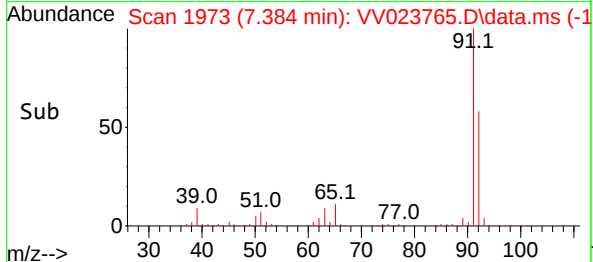
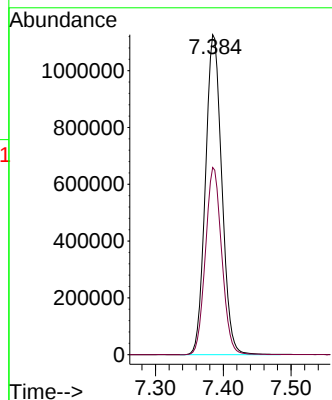
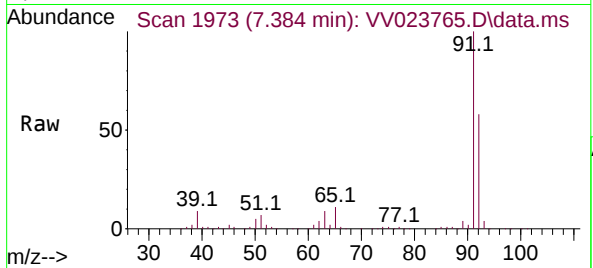




#42
Toluene
Concen: 109.500 ug/L
RT: 7.384 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

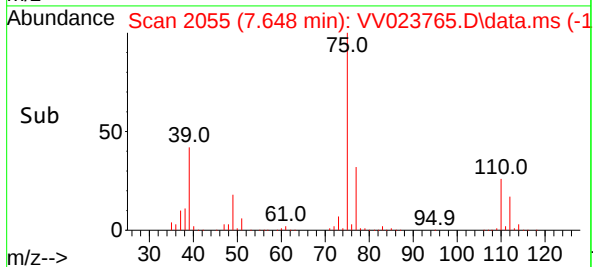
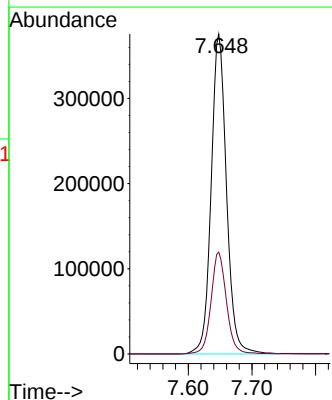
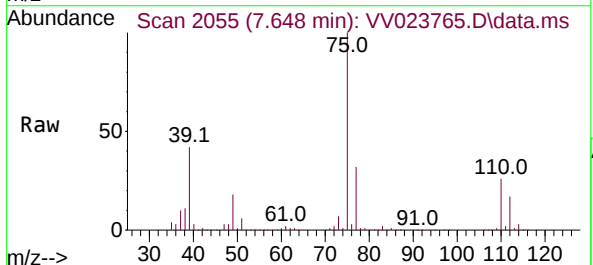
Instrument :
MSVOA_V
ClientSampleId :

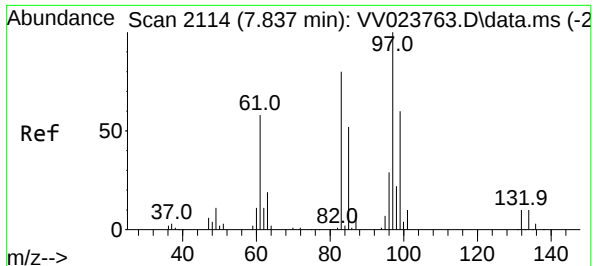
Tgt Ion: 91 Resp: 1891168
Ion Ratio Lower Upper
91 100
92 58.5 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 121.296 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

Tgt Ion: 75 Resp: 629354
Ion Ratio Lower Upper
75 100
77 31.9 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 97.509 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV023765.D

Acq: 01 Dec 2021 21:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 338020

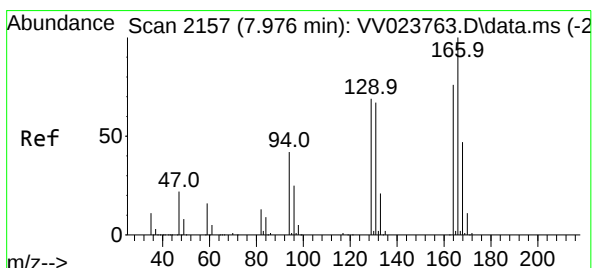
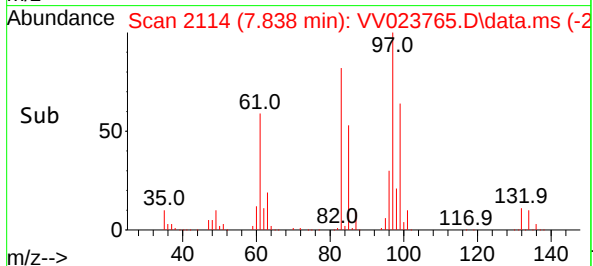
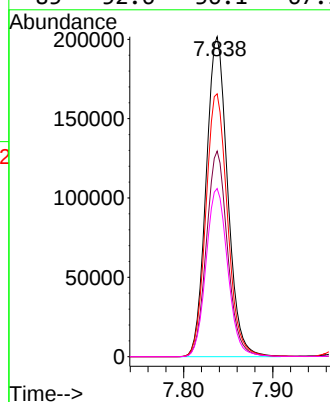
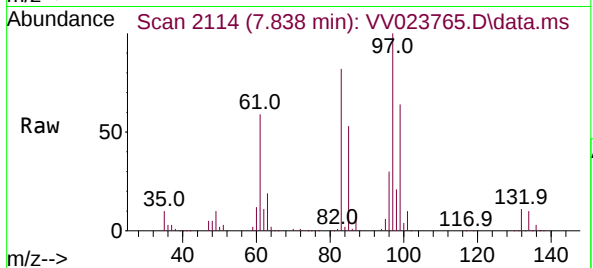
Ion Ratio Lower Upper

97 100

99 64.3 41.8 77.6

83 82.1 55.8 103.6

85 52.6 36.1 67.1



#46

Tetrachloroethene

Concen: 109.453 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV023765.D

Acq: 01 Dec 2021 21:00

Tgt Ion:164 Resp: 400369

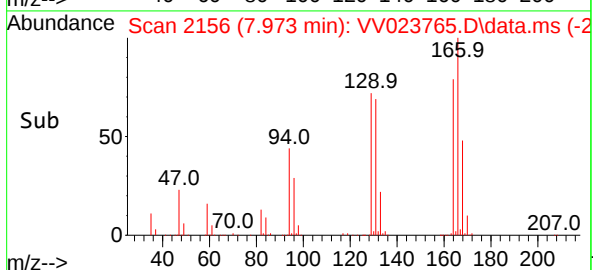
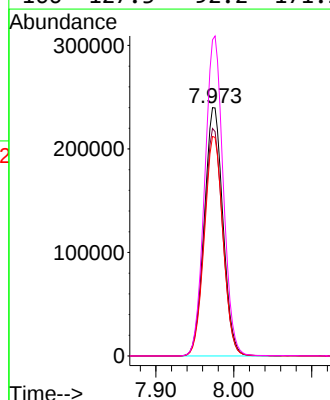
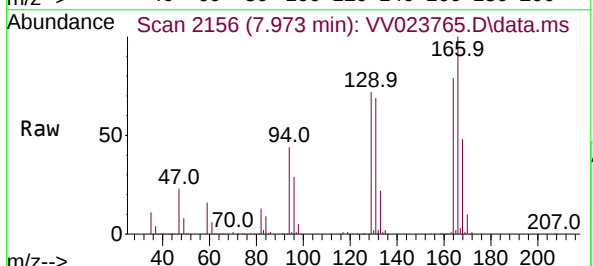
Ion Ratio Lower Upper

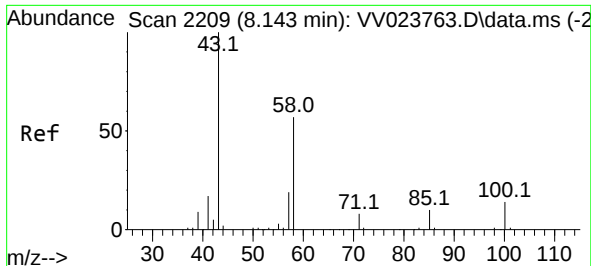
164 100

129 91.6 63.3 117.5

131 88.4 61.8 114.8

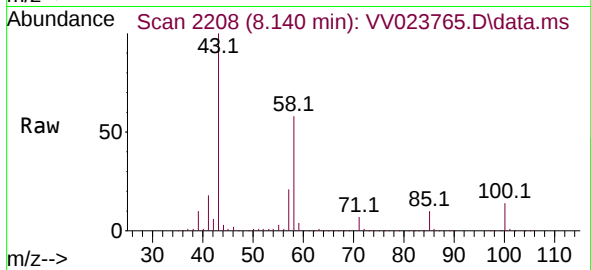
166 127.3 92.2 171.2



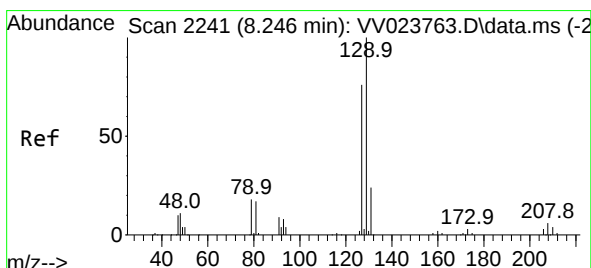
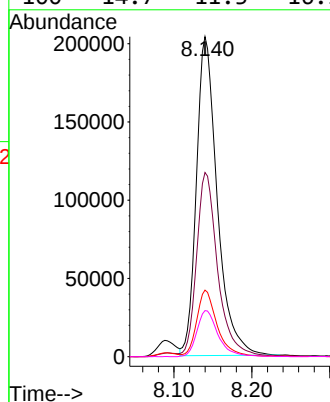
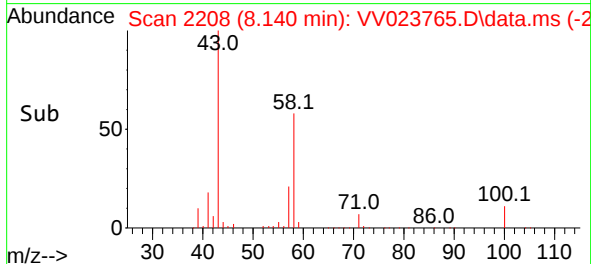


#48
2-Hexanone
Concen: 167.408 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

Instrument :
MSVOA_V
ClientSampleId :

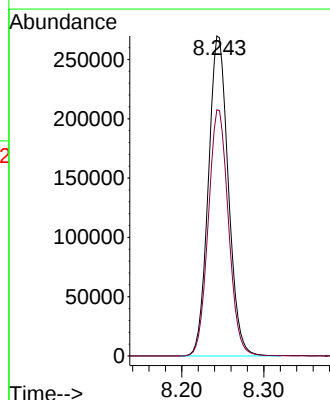
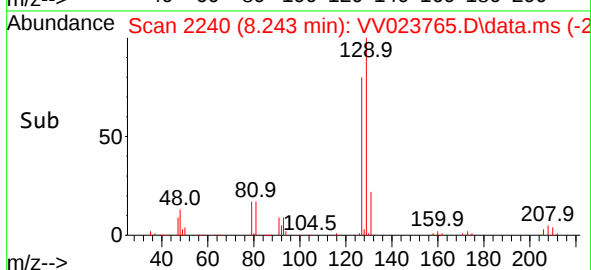
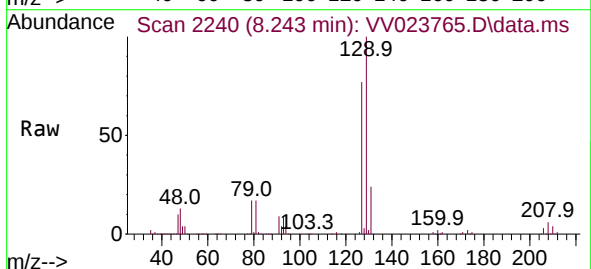


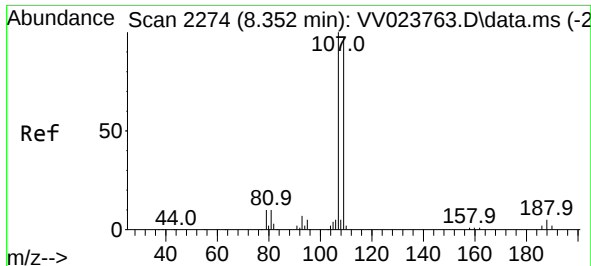
Tgt Ion: 43 Resp: 378816
Ion Ratio Lower Upper
43 100
58 57.9 45.8 68.8
57 20.2 15.6 23.4
100 14.7 11.3 16.9



#49
Dibromochloromethane
Concen: 113.138 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

Tgt Ion:129 Resp: 456502
Ion Ratio Lower Upper
129 100
127 76.9 53.1 98.7





#50

1,2-Dibromoethane

Concen: 101.694 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV023765.D

Acq: 01 Dec 2021 21:00

Instrument :

MSVOA_V

ClientSampleId :

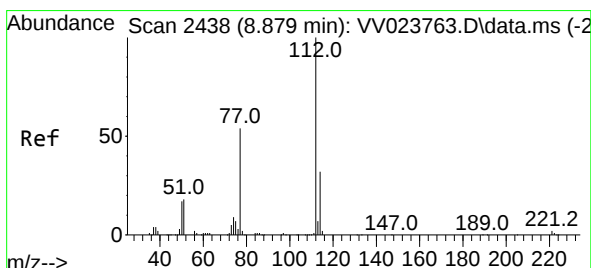
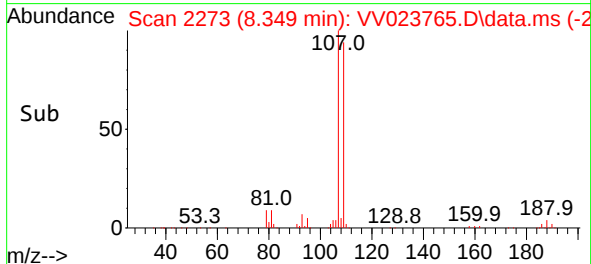
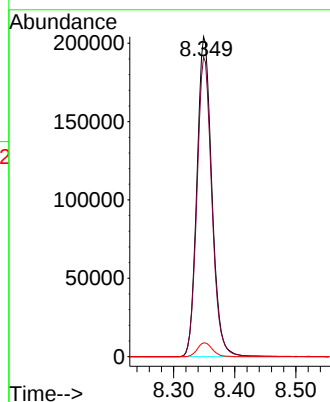
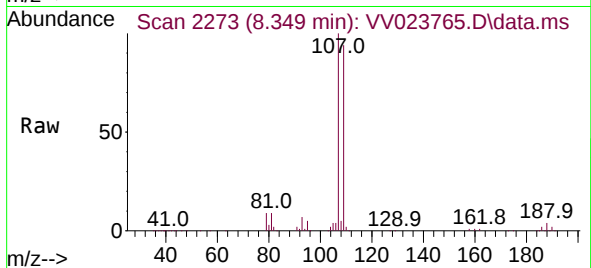
Tgt Ion:107 Resp: 346469

Ion Ratio Lower Upper

107 100

109 93.7 67.8 125.8

188 4.3 3.6 5.4



#51

Chlorobenzene

Concen: 106.910 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV023765.D

Acq: 01 Dec 2021 21:00

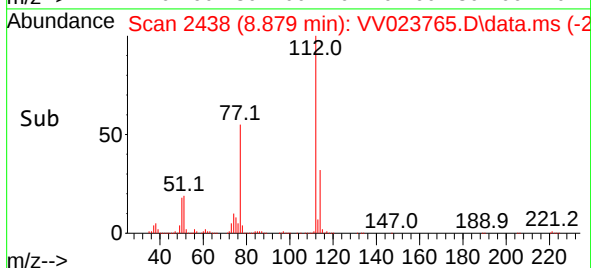
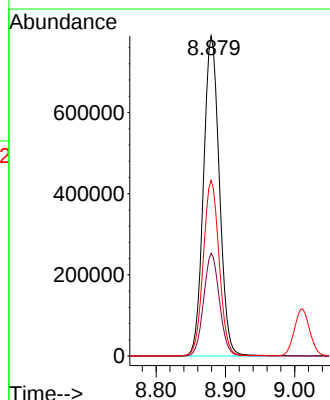
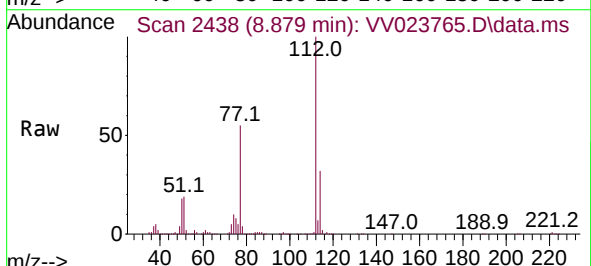
Tgt Ion:112 Resp: 1252331

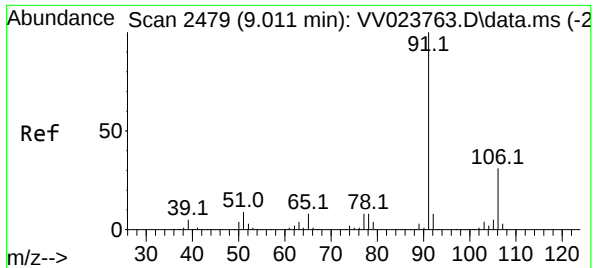
Ion Ratio Lower Upper

112 100

114 32.1 22.6 42.0

77 54.9 43.5 65.3

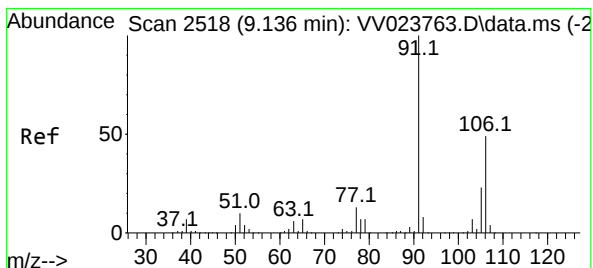
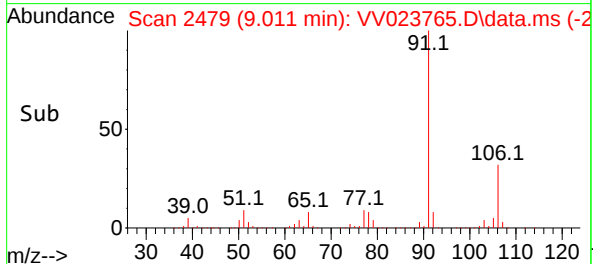
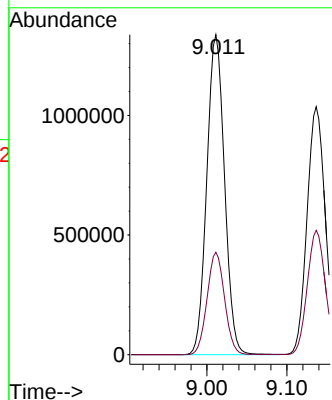
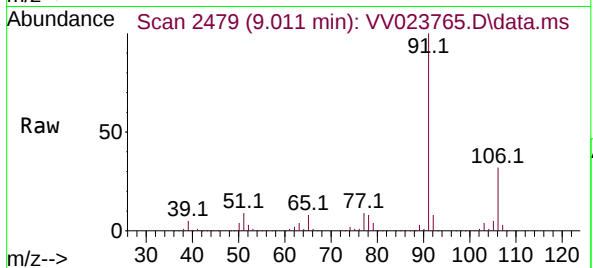




#52
Ethylbenzene
Concen: 109.325 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

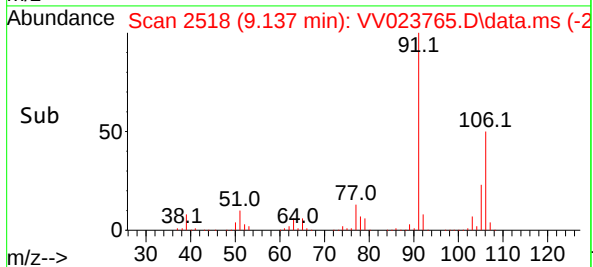
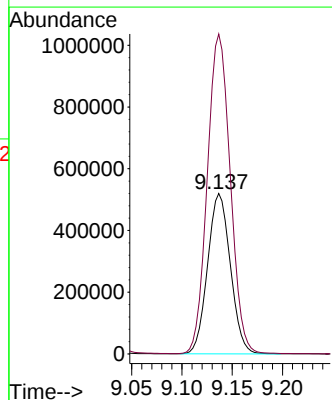
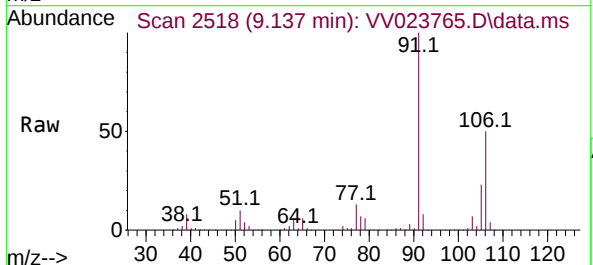
Instrument :
MSVOA_V
ClientSampleId :

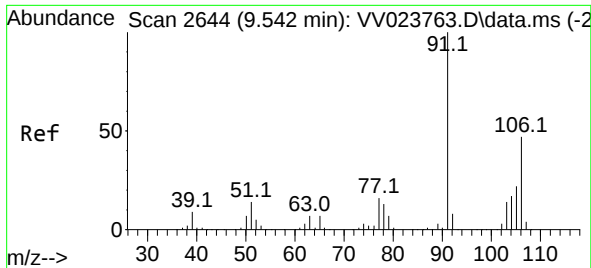
Tgt Ion: 91 Resp: 2064585
Ion Ratio Lower Upper
91 100
106 32.0 22.0 40.8



#53
m,p-Xylene
Concen: 112.970 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

Tgt Ion: 106 Resp: 818120
Ion Ratio Lower Upper
106 100
91 199.4 141.7 263.3

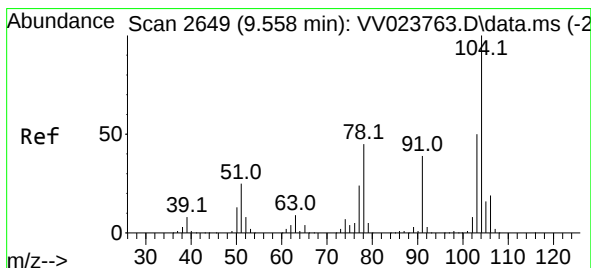
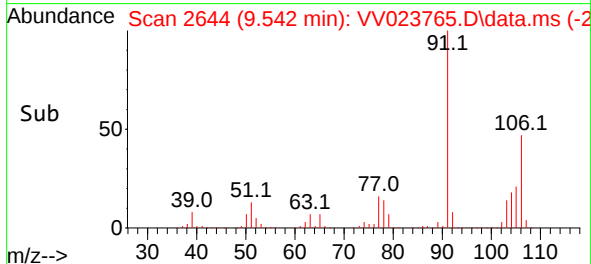
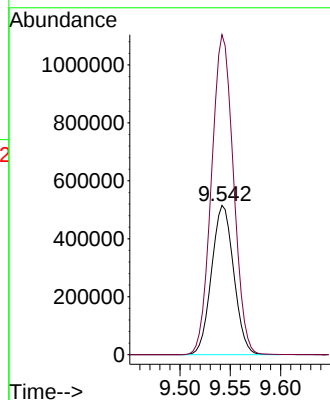
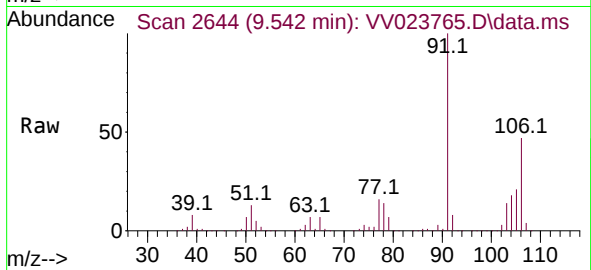




#54
o-Xylene
Concen: 113.830 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

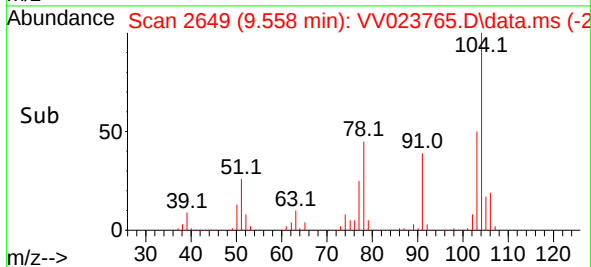
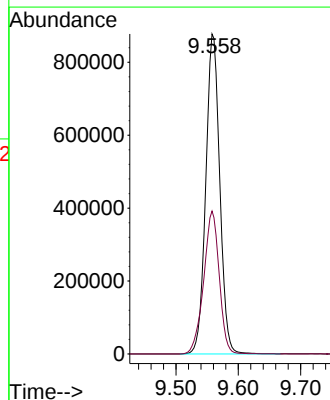
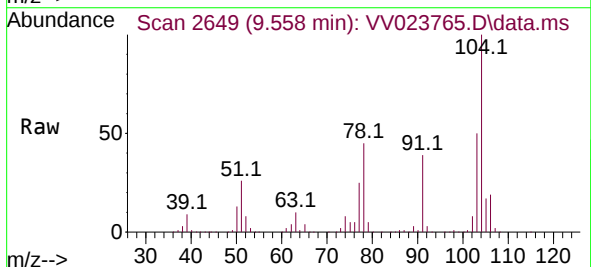
Instrument :
MSVOA_V
ClientSampleId :

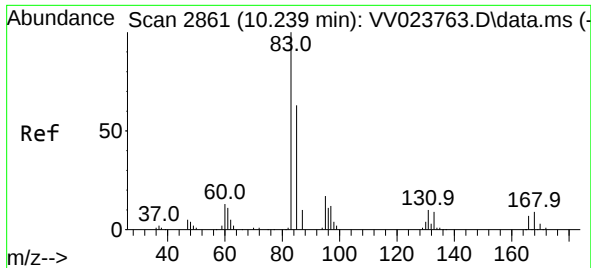
Tgt Ion:106 Resp: 790599
Ion Ratio Lower Upper
106 100
91 214.4 147.8 274.6



#55
Styrene
Concen: 112.831 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

Tgt Ion:104 Resp: 1370373
Ion Ratio Lower Upper
104 100
78 44.6 31.2 58.0

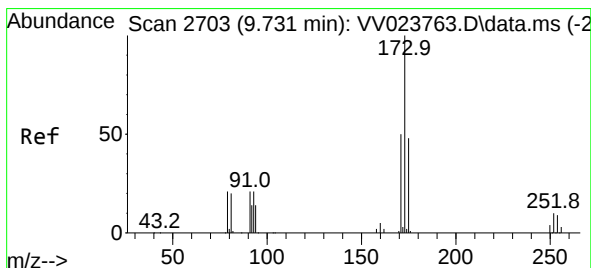
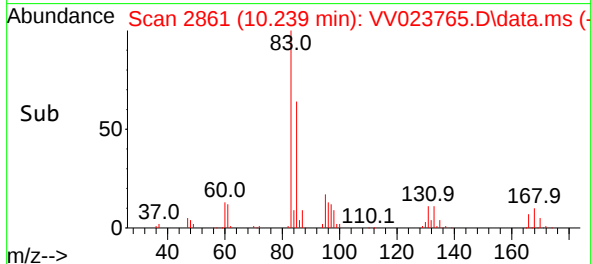
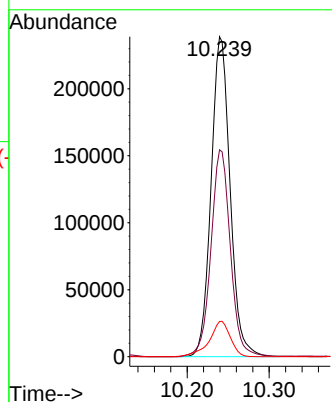
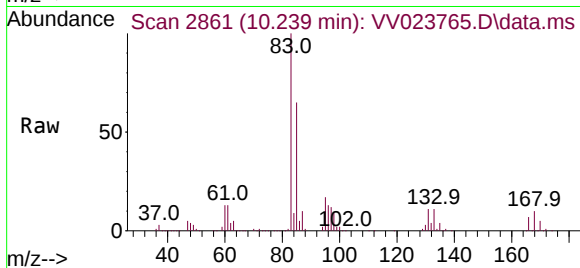




#57
 1,1,2,2-Tetrachloroethane
 Concen: 92.341 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV023765.D
 Acq: 01 Dec 2021 21:00

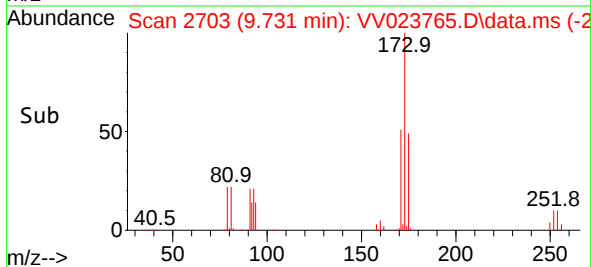
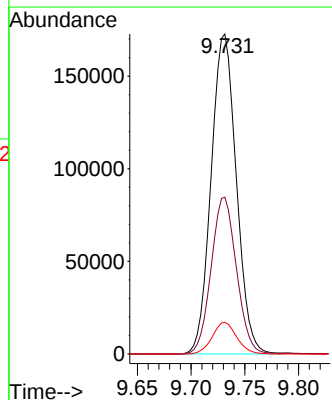
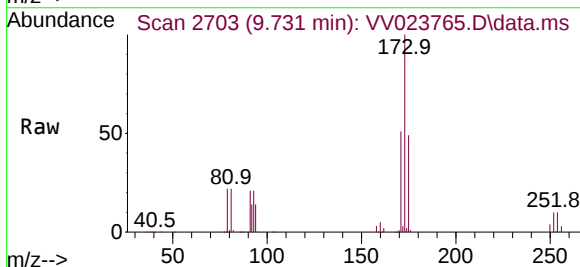
Instrument :
 MSVOA_V
 ClientSampleId :

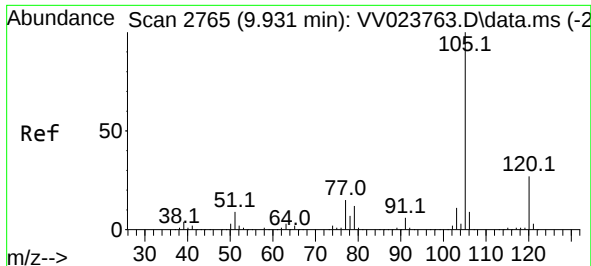
Tgt Ion: 83 Resp: 384061
 Ion Ratio Lower Upper
 83 100
 85 64.6 44.4 82.5
 131 11.0 8.4 12.6



#59
 Bromoform
 Concen: 102.028 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV023765.D
 Acq: 01 Dec 2021 21:00

Tgt Ion: 173 Resp: 282129
 Ion Ratio Lower Upper
 173 100
 175 49.1 0.0 0.0#
 254 9.6 0.0 0.0#

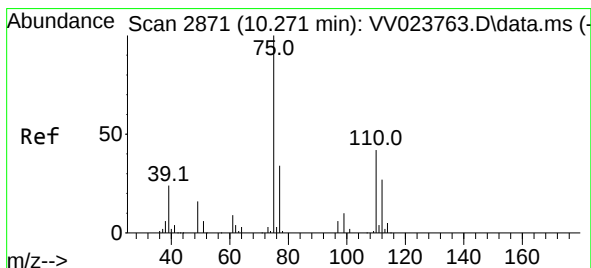
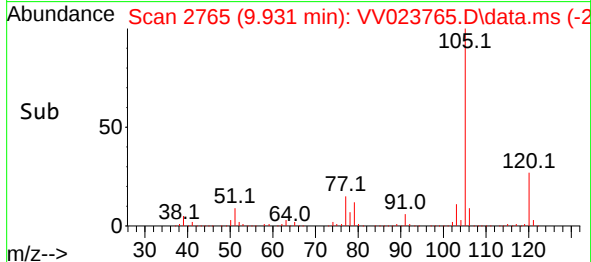
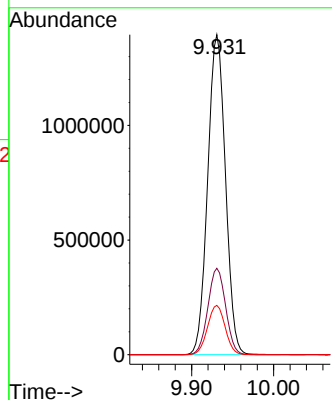
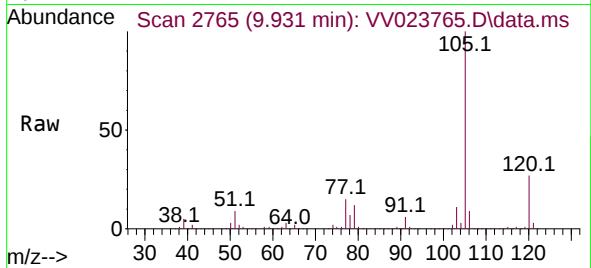




#60
Isopropylbenzene
Concen: 107.123 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

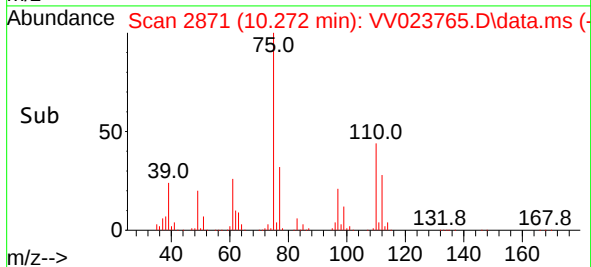
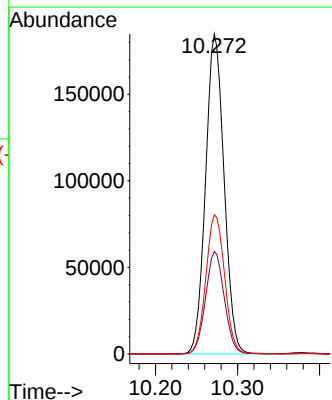
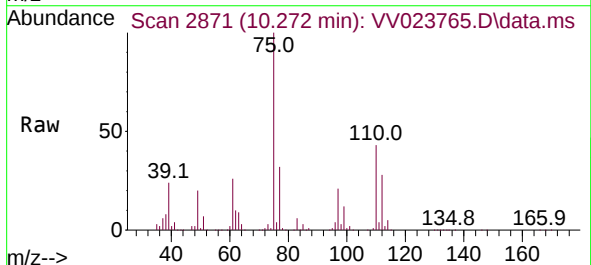
Instrument :
MSVOA_V
ClientSampleId :

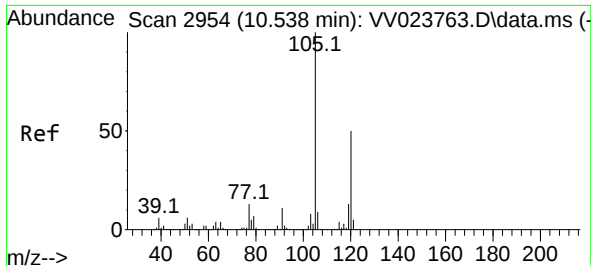
Tgt Ion:105 Resp: 2096078
Ion Ratio Lower Upper
105 100
120 27.0 21.6 32.4
77 15.3 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 81.466 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

Tgt Ion: 75 Resp: 289666
Ion Ratio Lower Upper
75 100
77 32.4 27.0 40.6
110 44.1 33.7 50.5

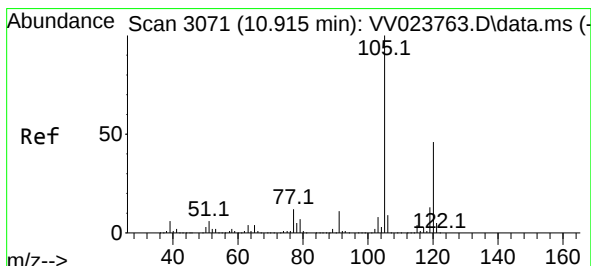
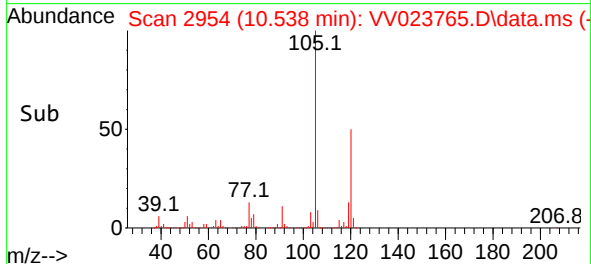
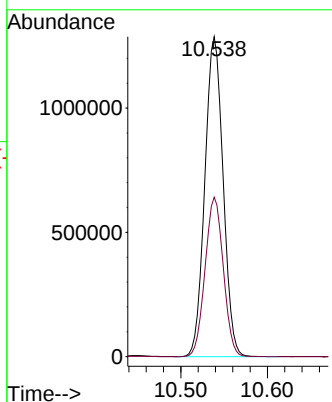
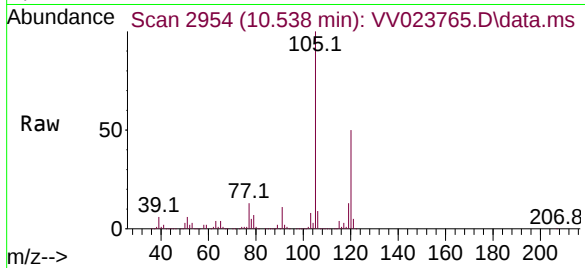




#62
 1,3,5-Trimethylbenzene
 Concen: 118.035 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV023765.D
 Acq: 01 Dec 2021 21:00

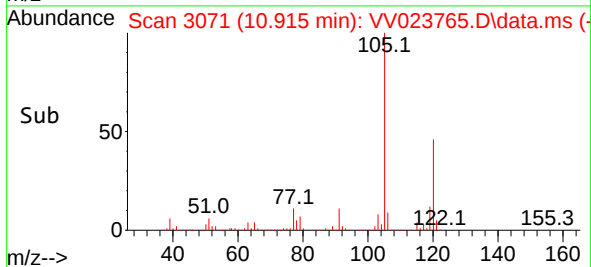
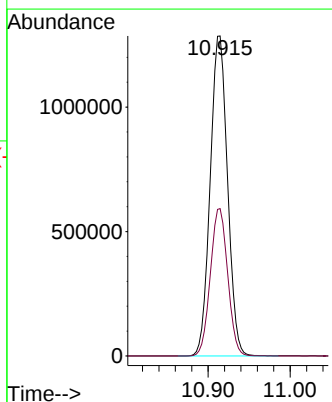
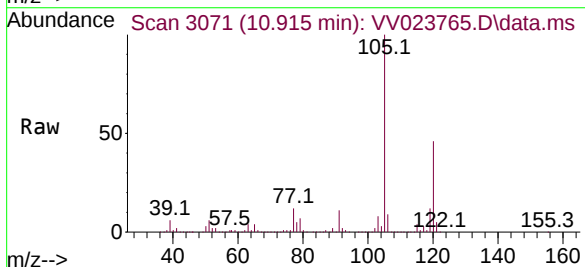
Instrument :
 MSVOA_V
 ClientSampleId :

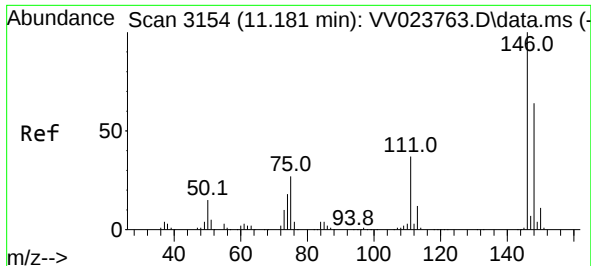
Tgt Ion:105 Resp: 1882809
 Ion Ratio Lower Upper
 105 100
 120 49.8 40.0 60.0



#63
 1,2,4-Trimethylbenzene
 Concen: 117.908 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023765.D
 Acq: 01 Dec 2021 21:00

Tgt Ion:105 Resp: 1885304
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.7 55.1

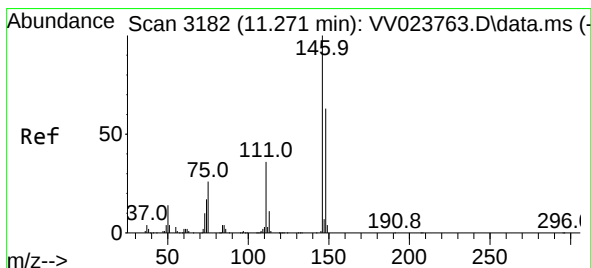
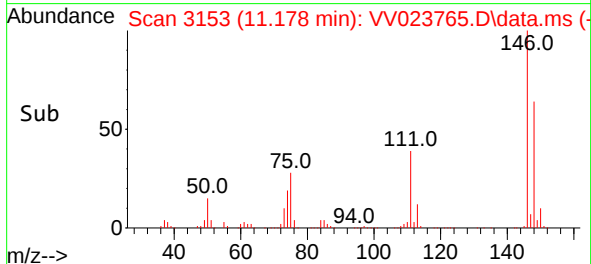
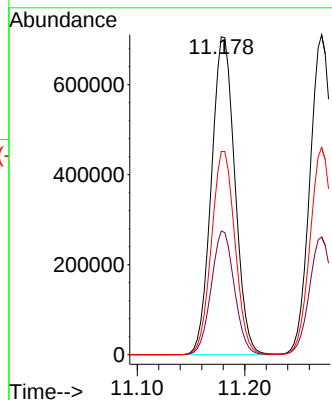
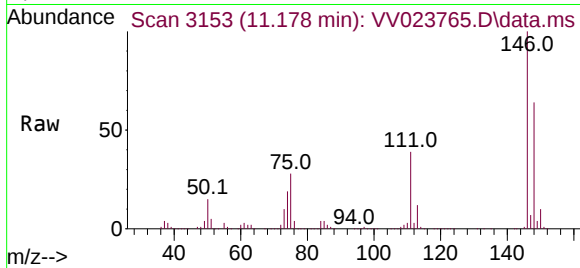




#64
1,3-Dichlorobenzene
Concen: 104.209 ug/L
RT: 11.178 min Scan# 3154
Delta R.T. -0.003 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

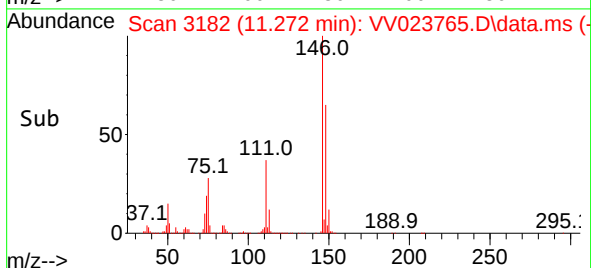
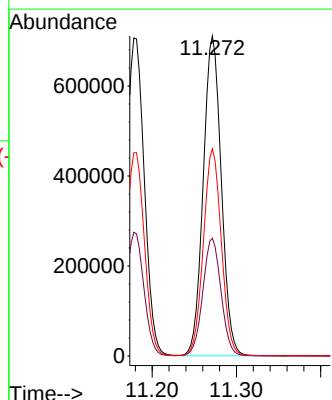
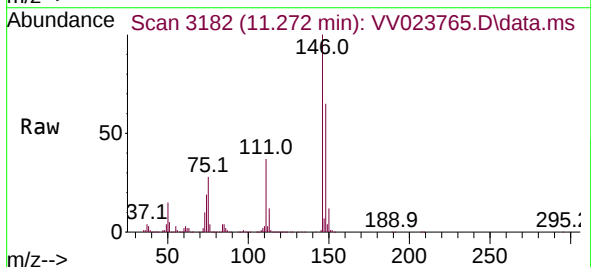
Instrument :
MSVOA_V
ClientSampleId :

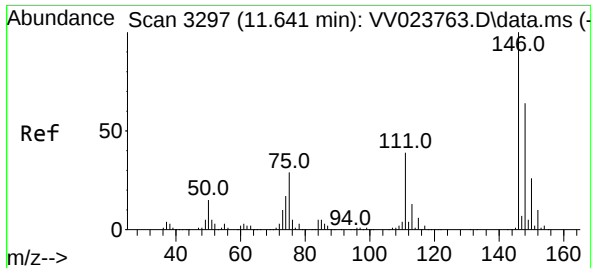
Tgt Ion:146 Resp: 1073048
Ion Ratio Lower Upper
146 100
111 38.9 26.2 48.8
148 63.9 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 98.142 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

Tgt Ion:146 Resp: 1062795
Ion Ratio Lower Upper
146 100
111 36.8 25.4 47.2
148 64.8 43.8 81.4

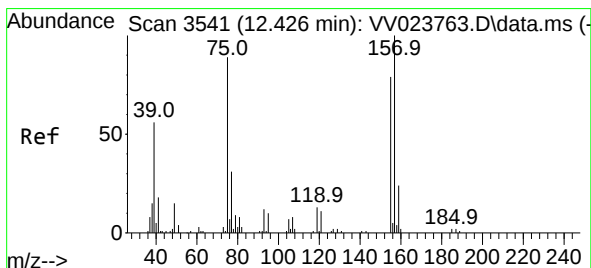
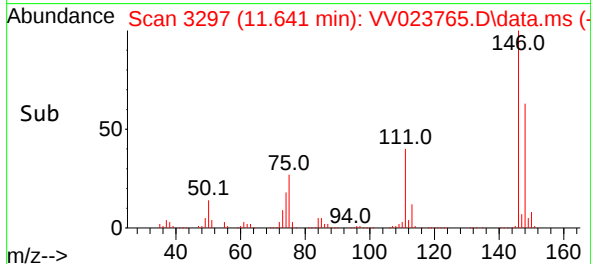
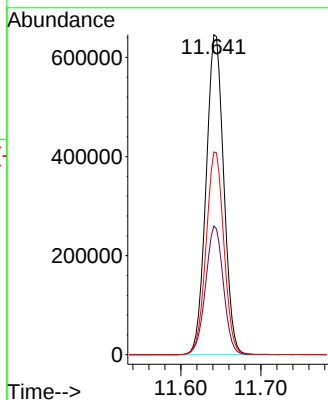
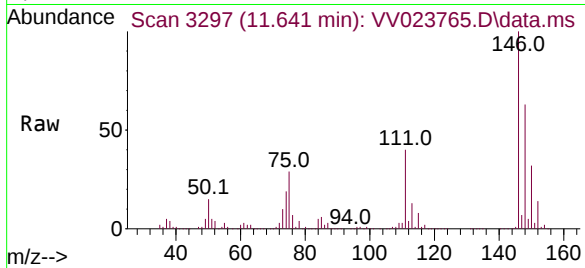




#67
1,2-Dichlorobenzene
Concen: 101.146 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

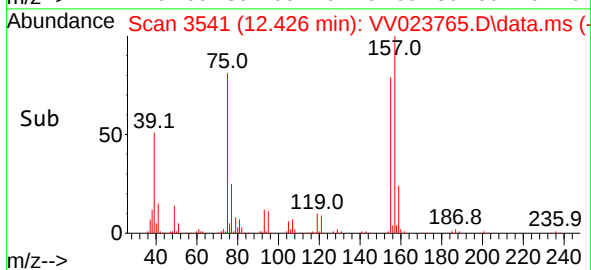
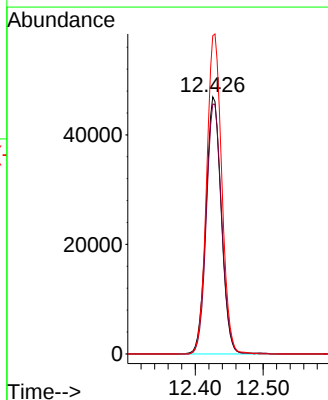
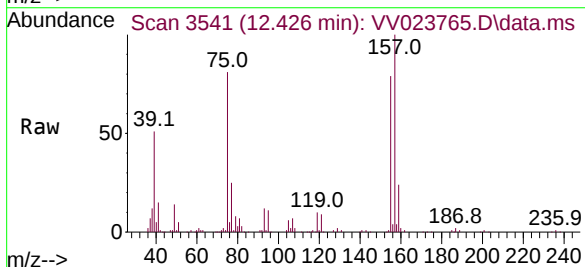
Instrument :
MSVOA_V
ClientSampleId :

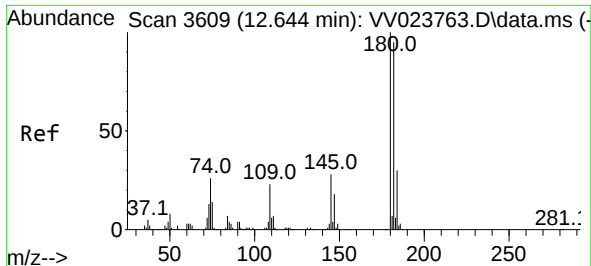
Tgt Ion:146 Resp: 990583
Ion Ratio Lower Upper
146 100
111 40.2 31.4 47.0
148 63.3 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 93.442 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

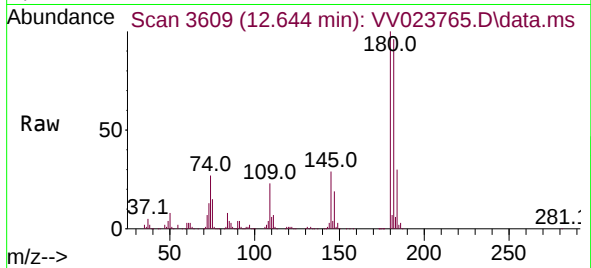
Tgt Ion: 75 Resp: 73604
Ion Ratio Lower Upper
75 100
155 97.2 71.0 106.4
157 123.8 90.1 135.1



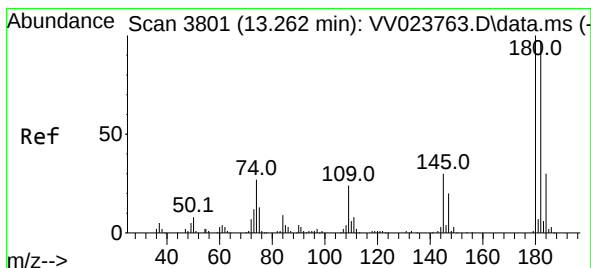
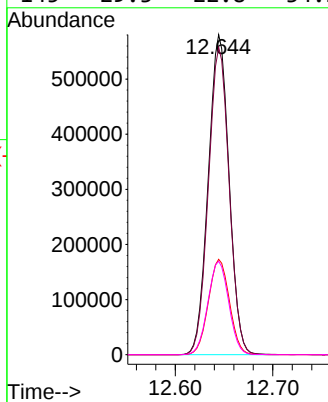
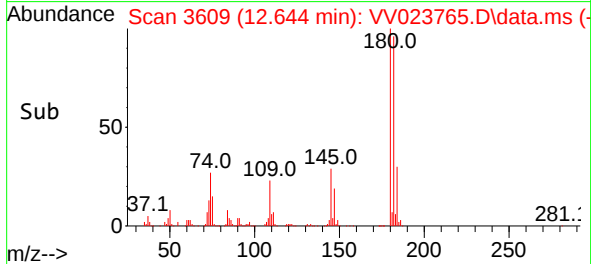


#69
1,3,5-Trichlorobenzene
Concen: 103.920 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

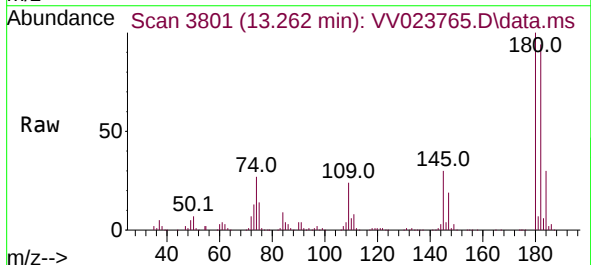
Instrument :
MSVOA_V
ClientSampleId :



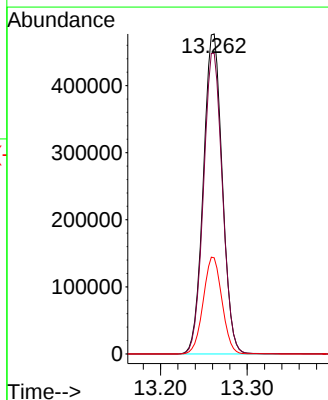
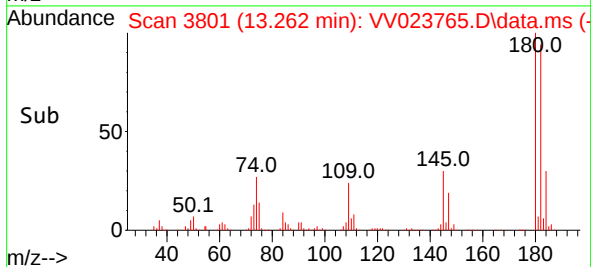
Tgt Ion:180	Resp:	860108
Ion Ratio	Lower	Upper
180	100	
182	95.8	75.8 113.8
184	30.2	23.8 35.8
145	29.3	22.8 34.2

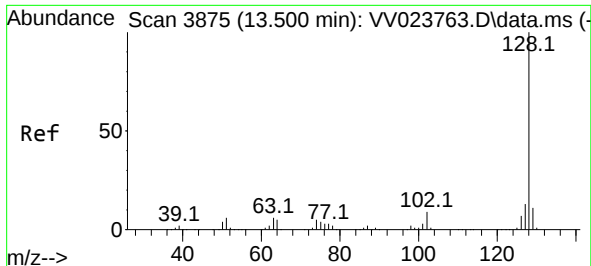


#70
1,2,4-trichlorobenzene
Concen: 102.709 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00



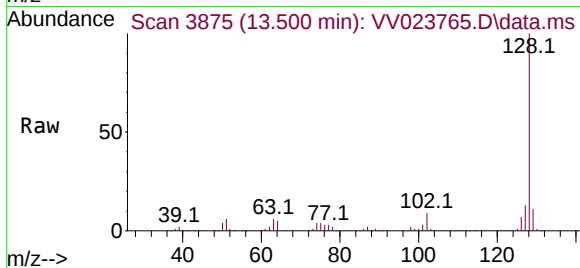
Tgt Ion:180	Resp:	722433
Ion Ratio	Lower	Upper
180	100	
182	94.4	77.0 115.4
145	30.0	24.3 36.5



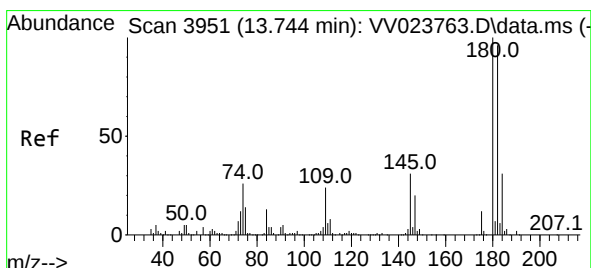
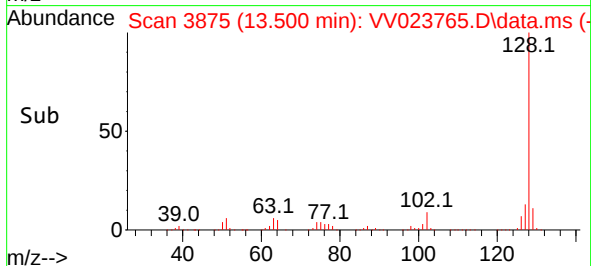
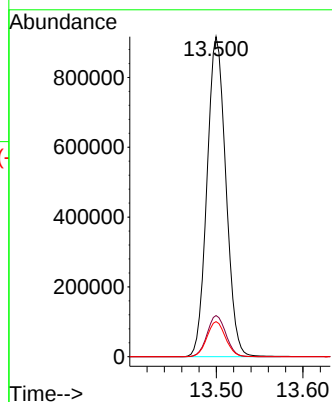


#71
Naphthalene
Concen: 102.933 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1384570
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 94.849 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023765.D
Acq: 01 Dec 2021 21:00

Tgt Ion:180 Resp: 638197
Ion Ratio Lower Upper
180 100
182 95.6 76.2 114.2
145 32.1 25.6 38.4

