

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023881.D
 Acq On : 10 Dec 2021 12:39
 Operator : SY/MD
 Sample : VSTD01062
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 03:28:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 03:24:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112655	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	117285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71018	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62482	7.047	ug/L	0.00
7) Chloroethane-d5	1.568	69	52849	7.505	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	124611	7.988	ug/L	0.00
20) 2-Butanone-d5	3.902	46	106400	97.475	ug/L	0.00
24) Chloroform-d	4.349	84	145211	9.089	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	68282	9.156	ug/L	0.00
32) Benzene-d6	5.050	84	249600	8.068	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	74887	8.543	ug/L	0.00
41) Toluene-d8	7.314	98	229393	8.049	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	32211	9.101	ug/L	0.00
46) 2-Hexanone-d5	8.092	63	155939	125.822	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	61376	9.504	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	99854	8.181	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.131	85	100438	9.638	ug/L	100
3) Chloromethane	1.240	50	84553	9.343	ug/L	96
5) Vinyl chloride	1.311	62	95278	10.024	ug/L	99
6) Bromomethane	1.523	94	59661	10.753	ug/L	97
8) Chloroethane	1.584	64	59530	9.743	ug/L	98
9) Trichlorofluoromethane	1.754	101	166264	10.586	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	86304	10.845	ug/L	98
12) 1,1-Dichloroethene	2.121	96	78144	10.514	ug/L	93
13) Acetone	2.198	43	84584	91.513	ug/L	80
14) Carbon disulfide	2.294	76	227477	9.352	ug/L	99
15) Methyl Acetate	2.439	43	27315	12.582	ug/L	92
16) Methylene chloride	2.507	84	88954	8.338	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	182633	11.716	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	89212	10.537	ug/L	98
19) 1,1-Dichloroethane	3.192	63	157474	10.927	ug/L	98
21) 2-Butanone	3.989	43	120185	100.762	ug/L	94
22) cis-1,2-Dichloroethene	3.912	96	95329	11.498	ug/L	99
23) Bromochloromethane	4.249	128	43176	11.152	ug/L	94
25) Chloroform	4.375	83	171929	10.716	ug/L	97
27) 1,2-Dichloroethane	5.130	62	96320	11.346	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	164354	10.835	ug/L	98
30) Cyclohexane	4.677	56	132234	10.602	ug/L	99
31) Carbon tetrachloride	4.828	117	148486	10.714	ug/L	99
33) Benzene	5.101	78	355609	10.776	ug/L	100
34) Trichloroethene	5.915	95	96129	10.781	ug/L	98
35) Methylcyclohexane	6.130	83	153682	11.208	ug/L	96
37) 1,2-Dichloropropane	6.175	63	83340	10.656	ug/L	99
38) Bromodichloromethane	6.510	83	119801	11.179	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	128399	11.414	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	448489	118.989	ug/L	97
42) Toluene	7.388	91	406427	11.376	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	110888	11.714	ug/L	99

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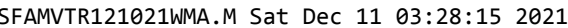
Quant Time: Dec 11 03:28:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 03:24:39 2021
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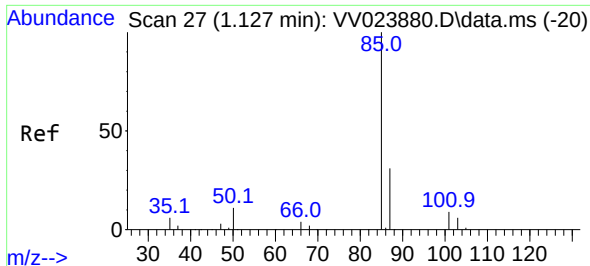
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.838	97	63102	11.485	ug/L	99
47) Tetrachloroethene	7.976	164	86809	10.743	ug/L	98
48) 2-Hexanone	8.140	43	334446	120.207	ug/L	98
49) Dibromochloromethane	8.246	129	85288	11.334	ug/L	98
50) 1,2-Dibromoethane	8.352	107	58935	11.135	ug/L	92
51) Chlorobenzene	8.883	112	261800	10.971	ug/L	99
52) Ethylbenzene	9.011	91	432531	11.475	ug/L	99
53) m,p-xylene	9.137	106	175869	11.828	ug/L	99
54) o-xylene	9.542	106	167269	11.725	ug/L	97
55) Styrene	9.561	104	287349	12.033	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	67670	11.170	ug/L	100
59) Bromoform	9.731	173	47471	10.238	ug/L	100
60) Isopropylbenzene	9.931	105	460582	11.093	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	49837	10.085	ug/L	98
62) 1,3,5-Trimethylbenzene	10.539	105	398424	11.513	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	394318	11.574	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	227032	10.640	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	225643	10.536	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	205815	10.547	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	11282	11.344	ug/L	95
69) 1,3,5-Trichlorobenzene	12.645	180	185899	11.117	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	147889	11.347	ug/L	99
71) Naphthalene	13.503	128	220223	12.444	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	131611	11.621	ug/L	99

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

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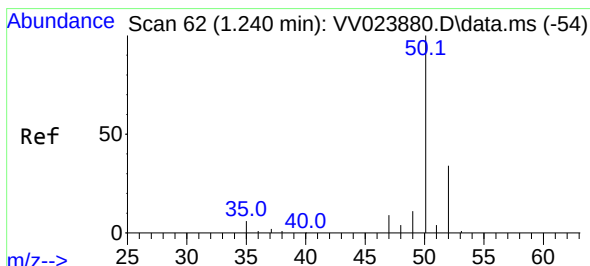
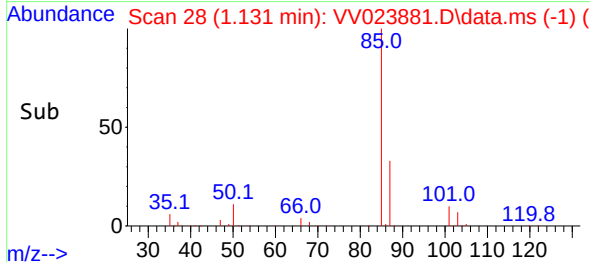
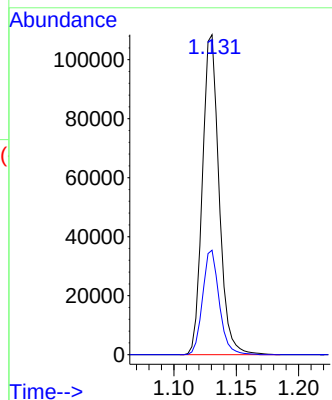
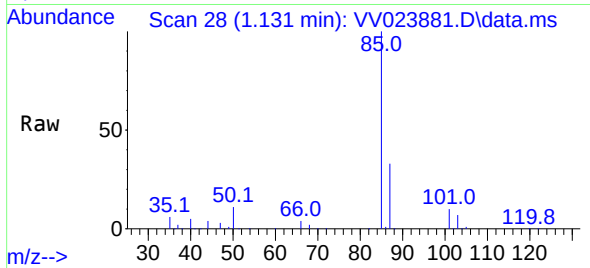




#2
 Dichlorodifluoromethane
 Concen: 9.638 ug/L
 RT: 1.131 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV023881.D
 Acq: 10 Dec 2021 12:39

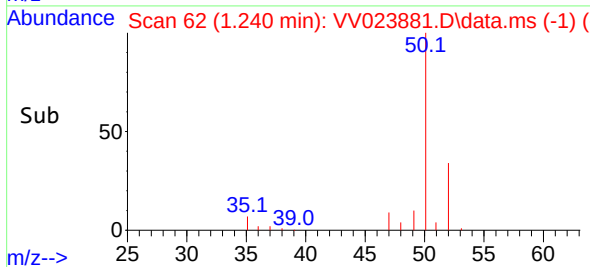
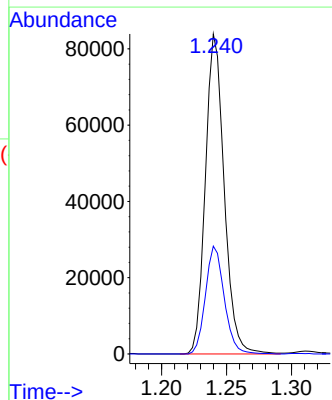
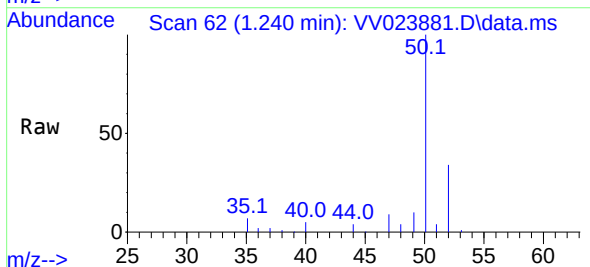
Instrument :
 MSVOA_V
 ClientSampleId :

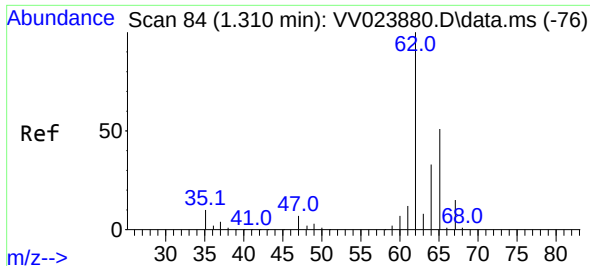
Tgt Ion: 85 Resp: 100438
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.0 39.0



#3
 Chloromethane
 Concen: 9.343 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023881.D
 Acq: 10 Dec 2021 12:39

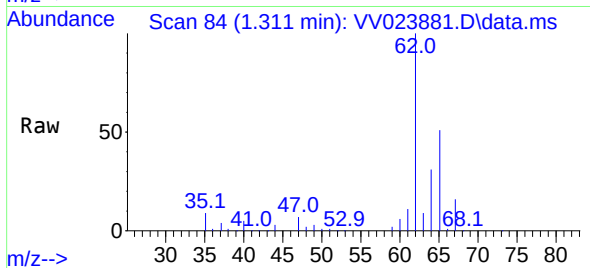
Tgt Ion: 50 Resp: 84553
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.0 41.0



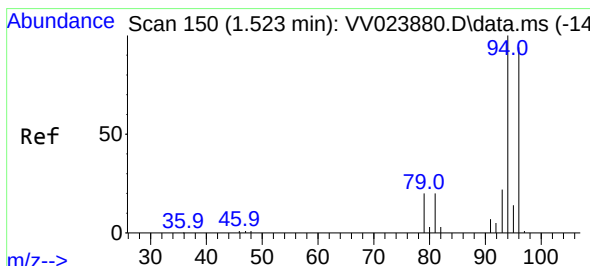
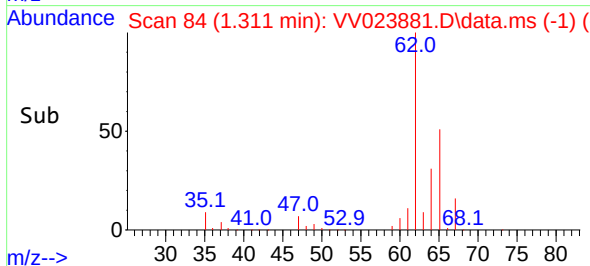
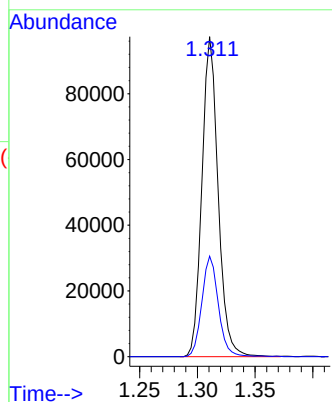


#5
 Vinyl chloride
 Concen: 10.024 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023881.D
 Acq: 10 Dec 2021 12:39

Instrument :
 MSVOA_V
 ClientSampleId :

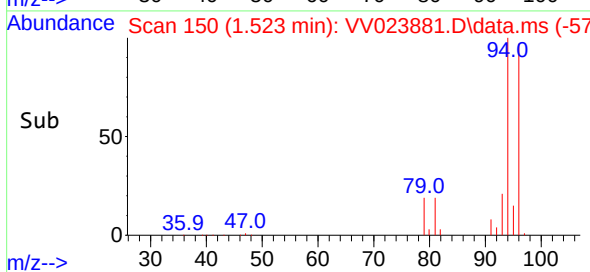
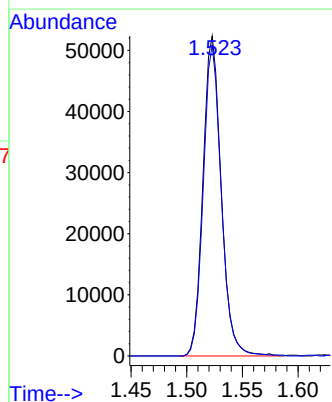
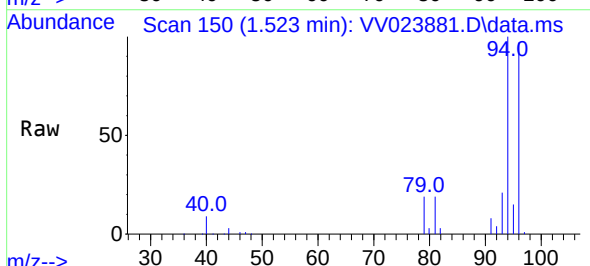


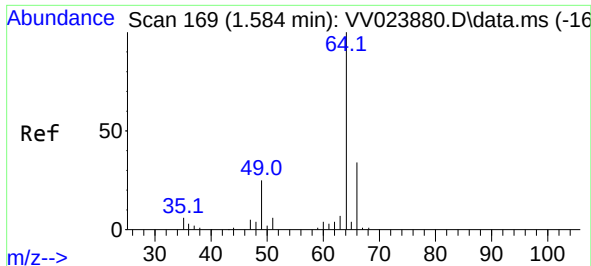
Tgt Ion: 62 Resp: 95278
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.4 41.6



#6
 Bromomethane
 Concen: 10.753 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023881.D
 Acq: 10 Dec 2021 12:39

Tgt Ion: 94 Resp: 59661
 Ion Ratio Lower Upper
 94 100
 96 97.2 66.2 123.0

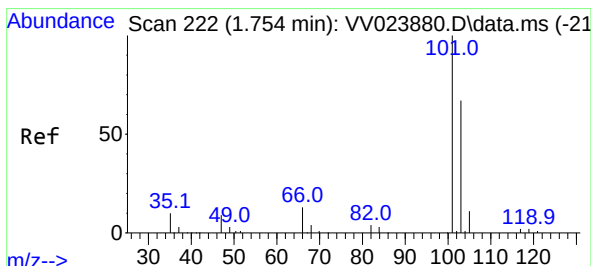
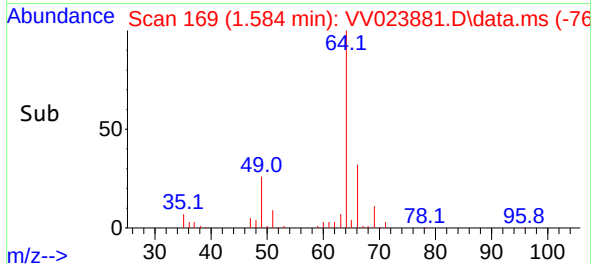
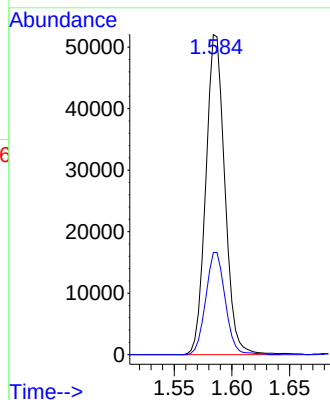
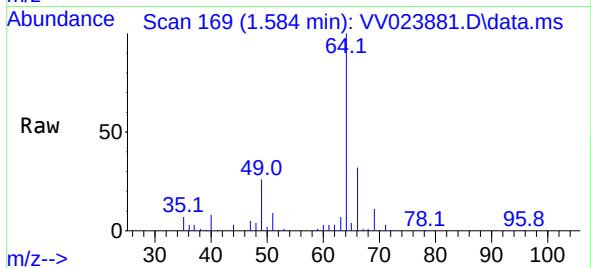




#8
Chloroethane
Concen: 9.743 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

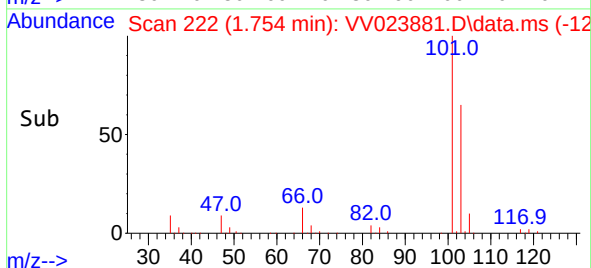
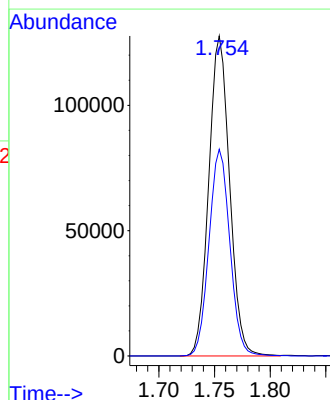
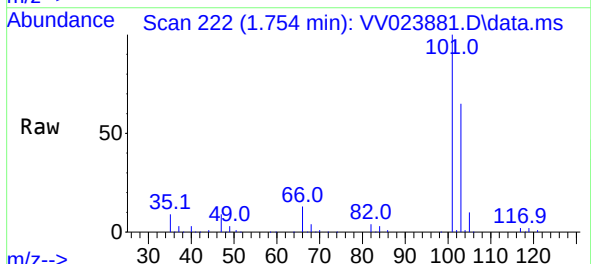
Instrument :
MSVOA_V
ClientSampleId :

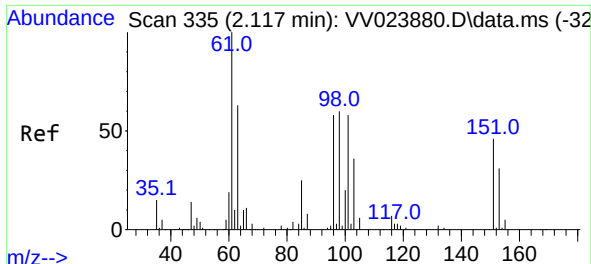
Tgt Ion: 64 Resp: 59530
Ion Ratio Lower Upper
64 100
66 31.9 21.4 39.8



#9
Trichlorofluoromethane
Concen: 10.586 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

Tgt Ion:101 Resp: 166264
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

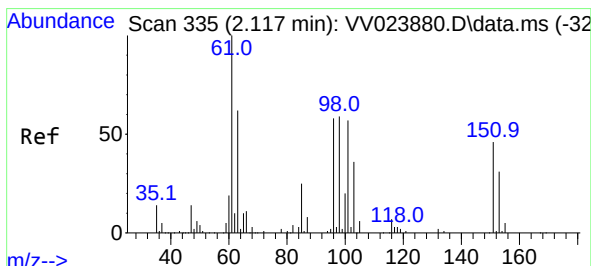
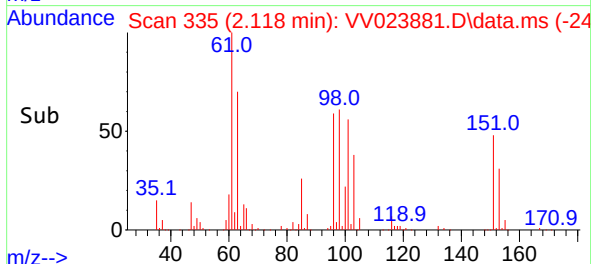
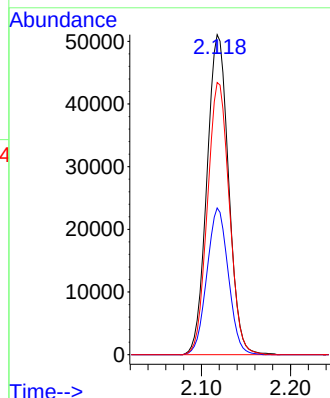
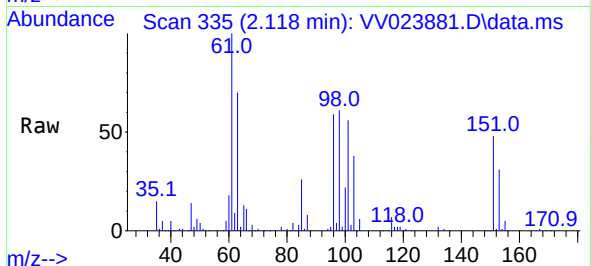




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.845 ug/L
RT: 2.118 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

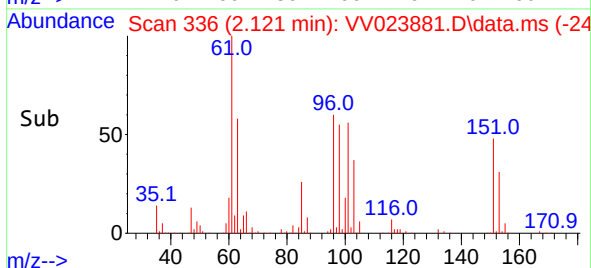
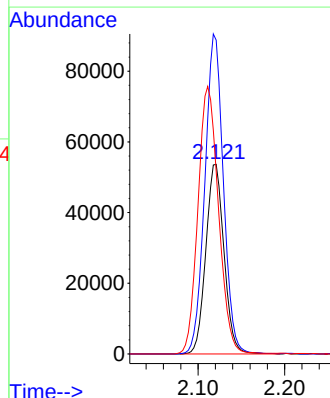
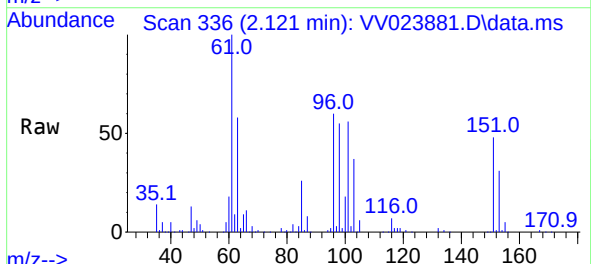
Instrument :
MSVOA_V
ClientSampleId :

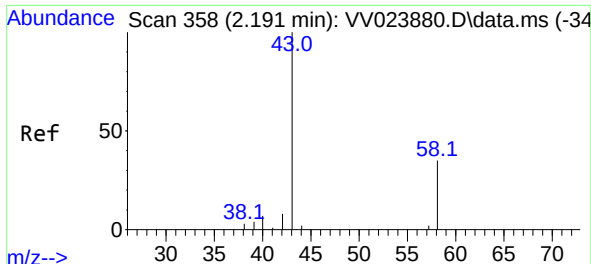
Tgt Ion:101 Resp: 86304
Ion Ratio Lower Upper
101 100
85 45.3 36.0 54.0
151 85.6 66.4 99.6



#12
1,1-Dichloroethene
Concen: 10.514 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

Tgt Ion: 96 Resp: 78144
Ion Ratio Lower Upper
96 100
61 165.4 116.1 215.5
63 96.1 79.4 147.4





#13

Acetone

Concen: 91.513 ug/L

RT: 2.198 min Scan# 30

Delta R.T. 0.007 min

Lab File: VV023881.D

Acq: 10 Dec 2021 12:39

Instrument :

MSVOA_V

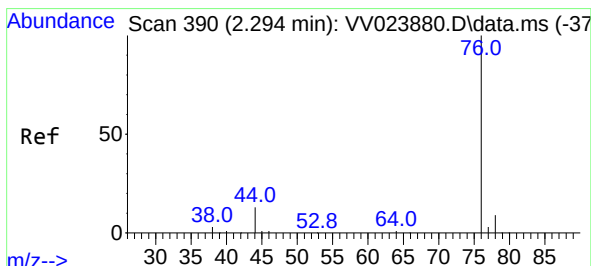
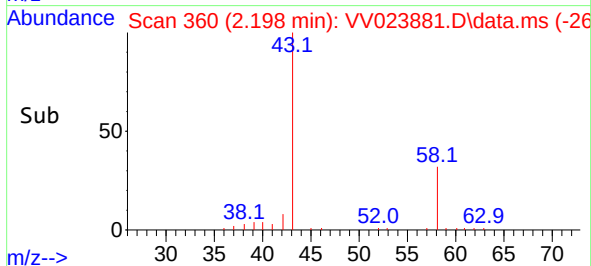
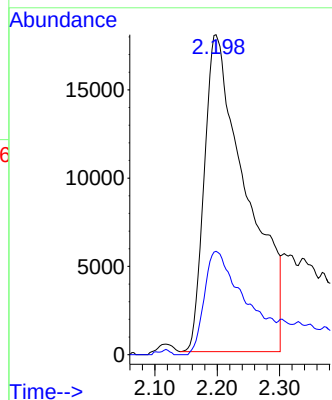
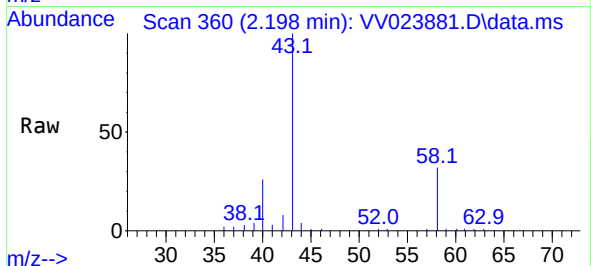
ClientSampleId :

Tgt Ion: 43 Resp: 84584

Ion Ratio Lower Upper

43 100

58 29.9 0.0 41.4



#14

Carbon disulfide

Concen: 9.352 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023881.D

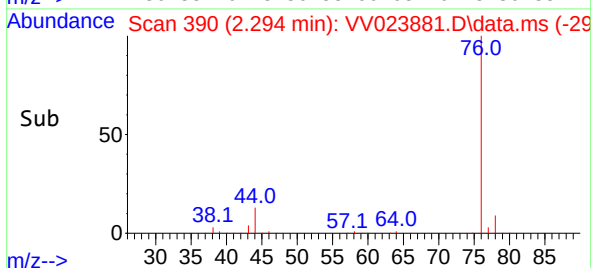
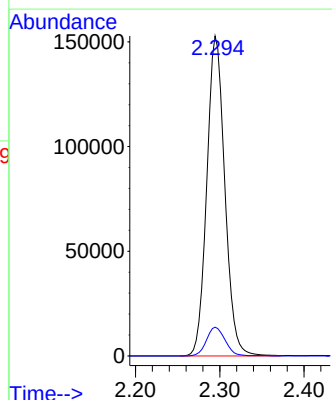
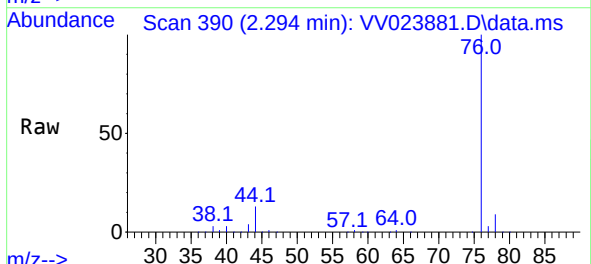
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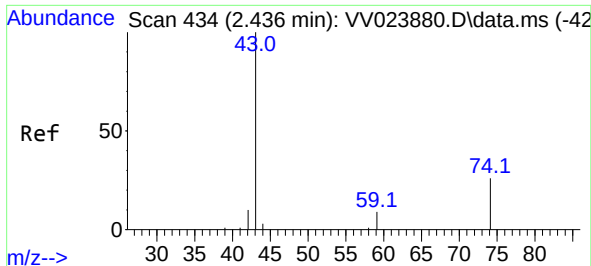
Tgt Ion: 76 Resp: 227477

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

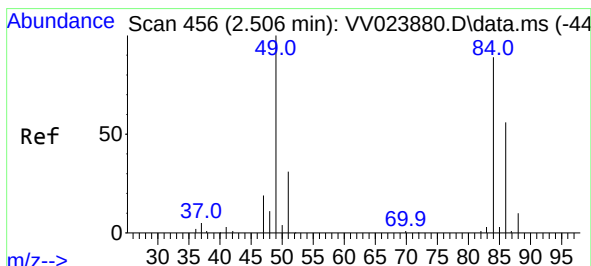
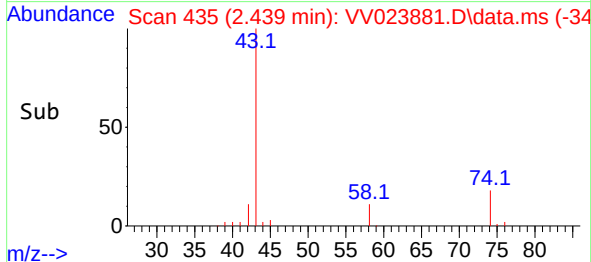
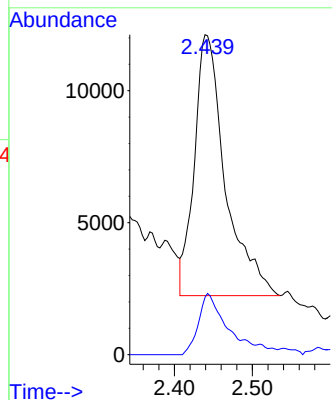
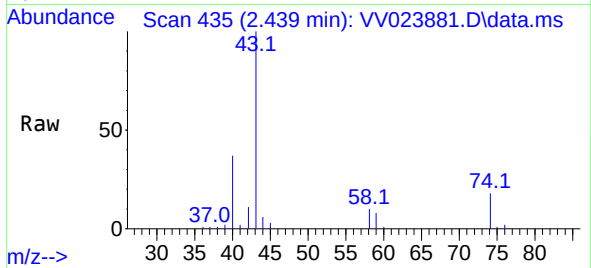




#15
Methyl Acetate
Concen: 12.582 ug/L
RT: 2.439 min Scan# 415
Delta R.T. 0.003 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

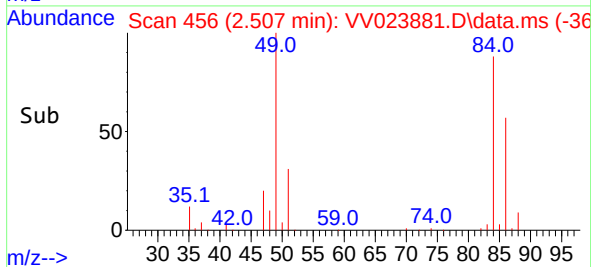
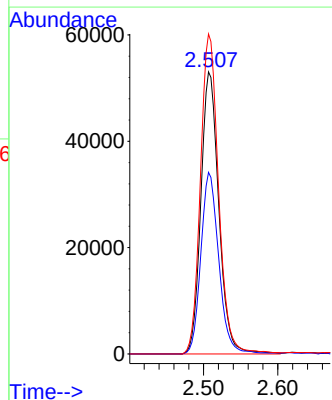
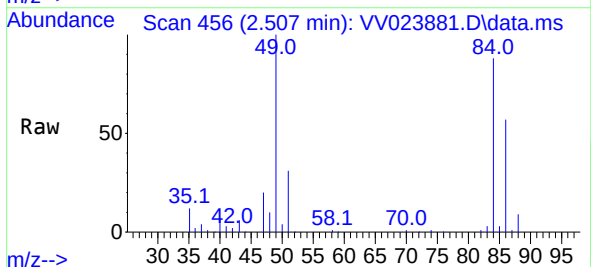
Instrument :
MSVOA_V
ClientSampleId :

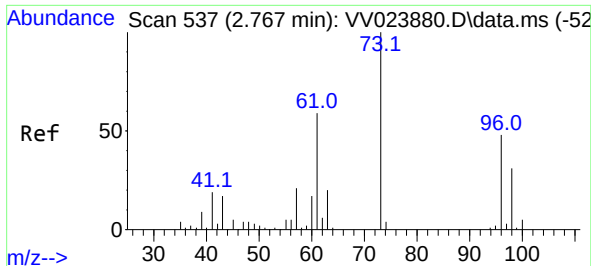
Tgt Ion: 43 Resp: 27315
Ion Ratio Lower Upper
43 100
74 21.1 20.2 30.2



#16
Methylene chloride
Concen: 8.338 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

Tgt Ion: 84 Resp: 88954
Ion Ratio Lower Upper
84 100
86 64.4 42.6 79.0
49 113.5 79.7 147.9





#17

Methyl tert-butyl Ether

Concen: 11.716 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV023881.D

Acq: 10 Dec 2021 12:39

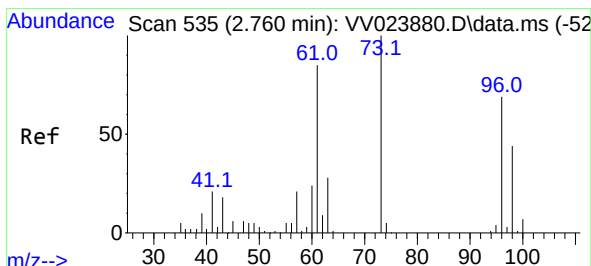
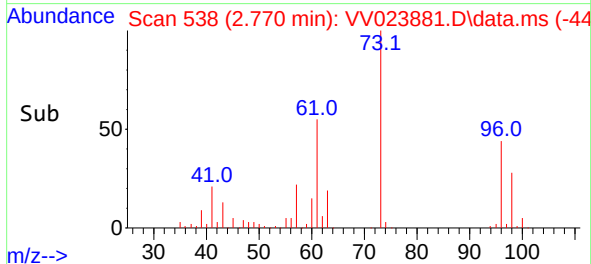
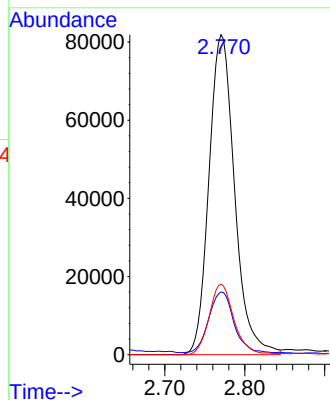
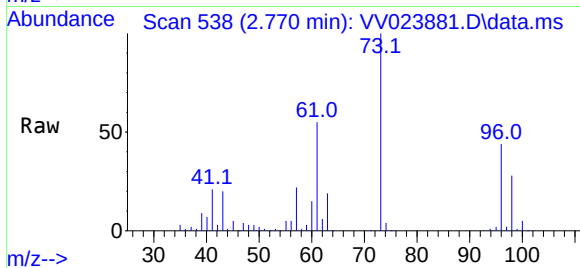
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 73 Resp: 182633

Ion	Ratio	Lower	Upper
73	100		
43	18.4	15.5	23.3
57	21.2	17.1	25.7



#18

trans-1,2-Dichloroethene

Concen: 10.537 ug/L

RT: 2.761 min Scan# 535

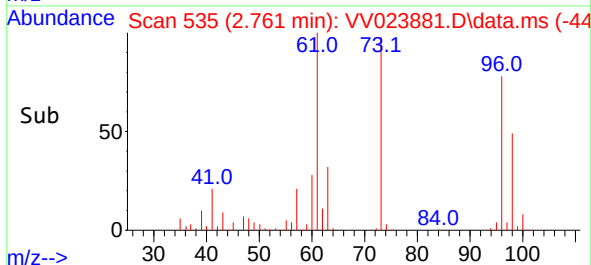
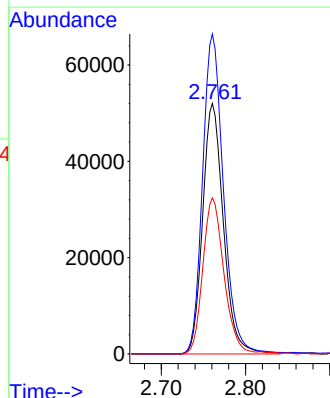
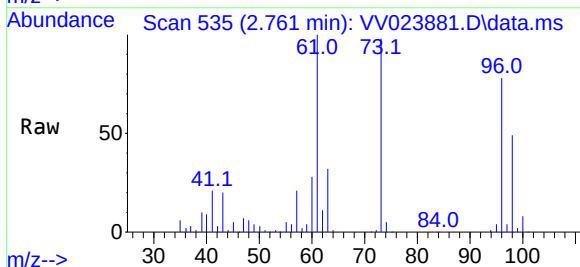
Delta R.T. 0.000 min

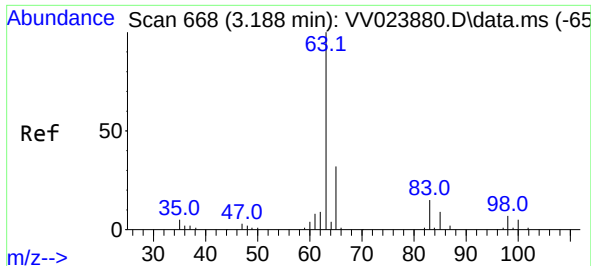
Lab File: VV023881.D

Acq: 10 Dec 2021 12:39

Tgt Ion: 96 Resp: 89212

Ion	Ratio	Lower	Upper
96	100		
61	127.7	88.2	163.8
98	62.3	44.9	83.5

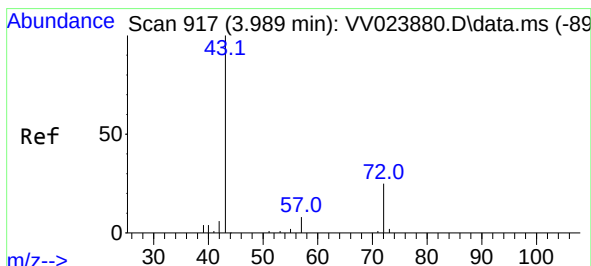
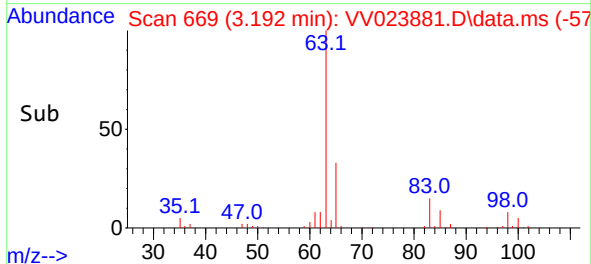
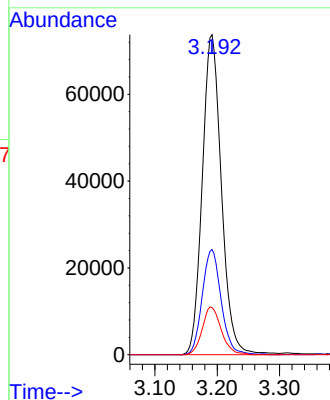
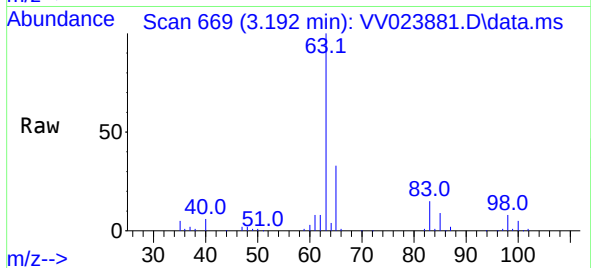




#19
1,1-Dichloroethane
Concen: 10.927 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

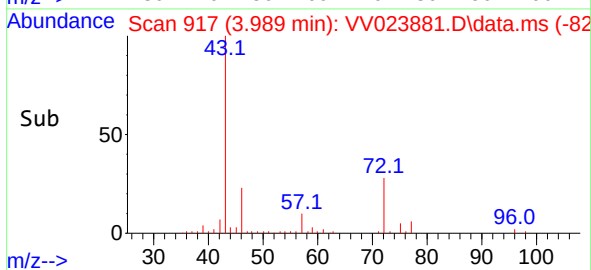
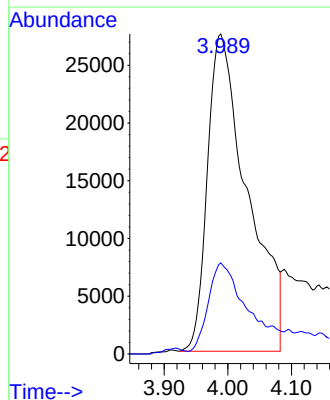
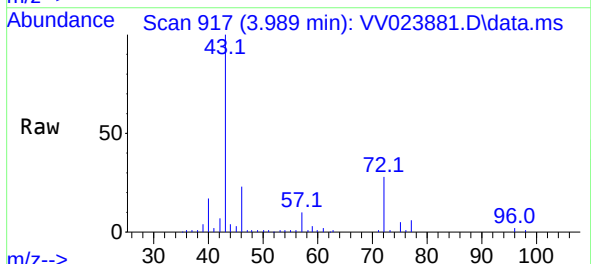
Instrument :
MSVOA_V
ClientSampleId :

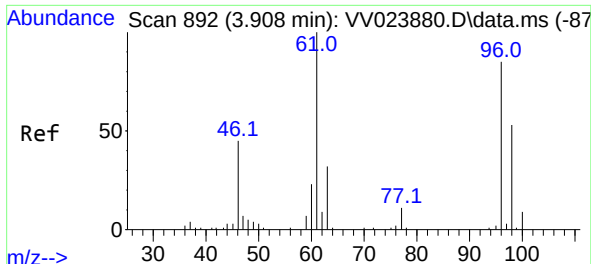
Tgt Ion: 63 Resp: 157474
Ion Ratio Lower Upper
63 100
65 32.8 22.3 41.3
83 14.7 10.7 19.9



#21
2-Butanone
Concen: 100.762 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

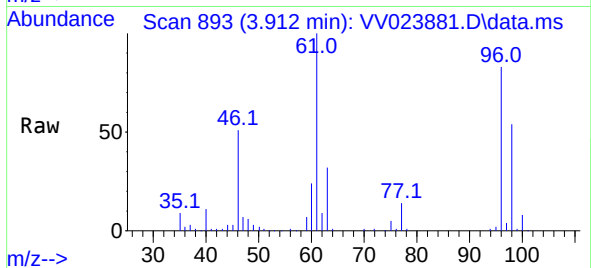
Tgt Ion: 43 Resp: 120185
Ion Ratio Lower Upper
43 100
72 25.1 11.1 33.1





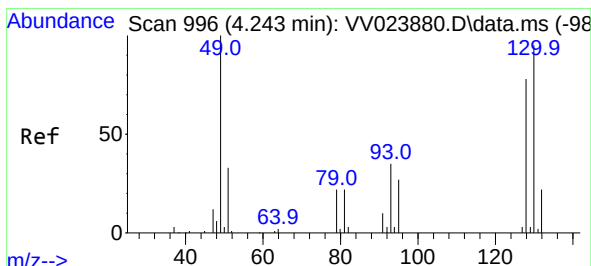
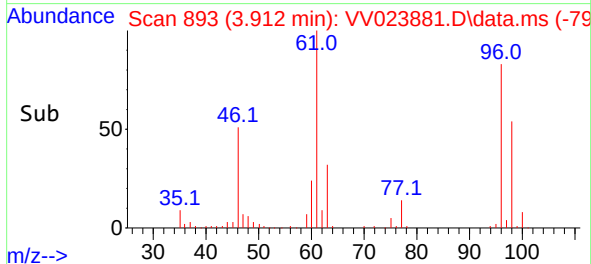
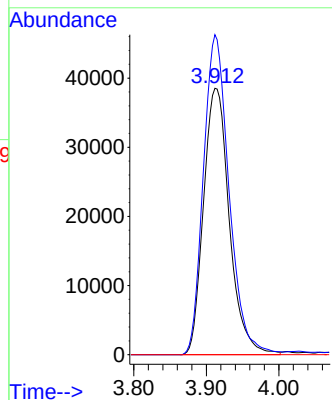
#22
 cis-1,2-Dichloroethene
 Concen: 11.498 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV023881.D
 Acq: 10 Dec 2021 12:39

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 95329

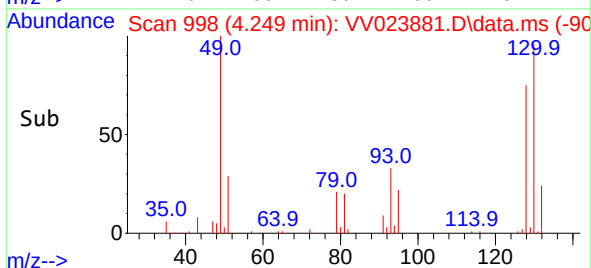
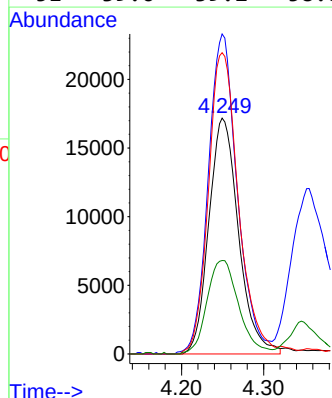
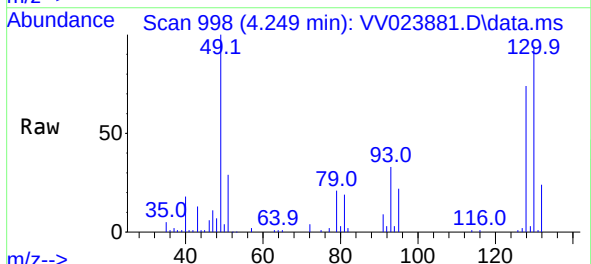
Ion	Ratio	Lower	Upper
96	100		
61	120.1	83.4	154.8
68	0.0	0.0	0.0

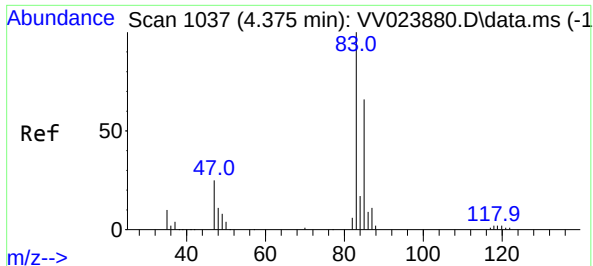


#23
 Bromochloromethane
 Concen: 11.152 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.007 min
 Lab File: VV023881.D
 Acq: 10 Dec 2021 12:39

Tgt Ion: 128 Resp: 43176

Ion	Ratio	Lower	Upper
128	100		
49	135.7	100.2	186.2
130	127.7	92.5	171.7
51	39.6	39.2	58.8





#25

Chloroform

Concen: 10.716 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV023881.D

Acq: 10 Dec 2021 12:39

Instrument :

MSVOA_V

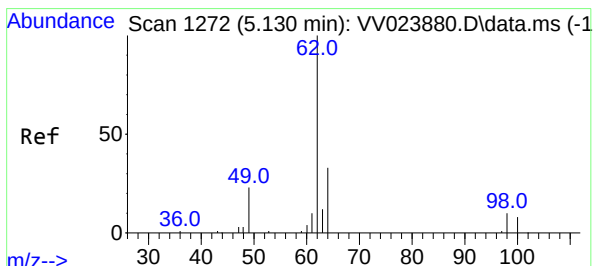
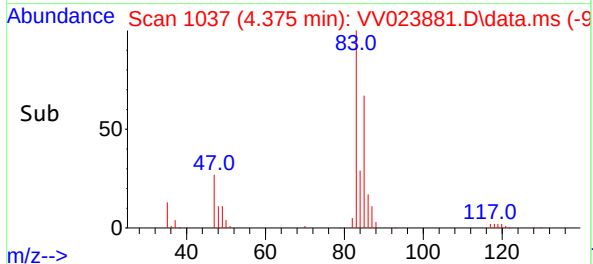
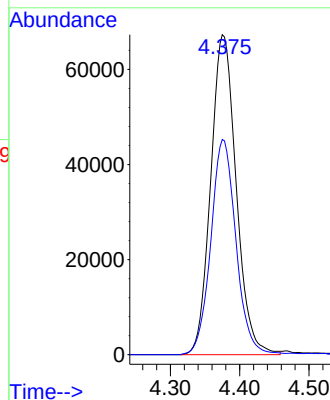
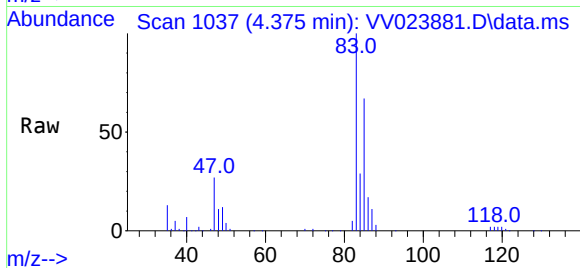
ClientSampleId :

Tgt Ion: 83 Resp: 171929

Ion Ratio Lower Upper

83 100

85 67.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 11.346 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV023881.D

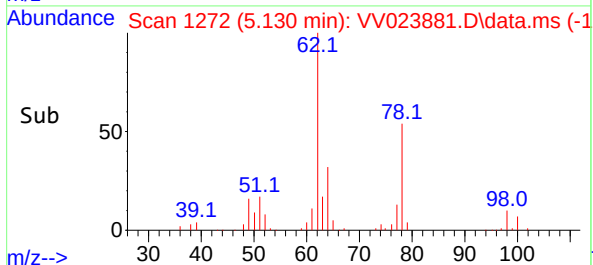
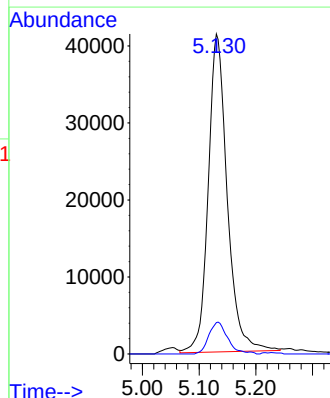
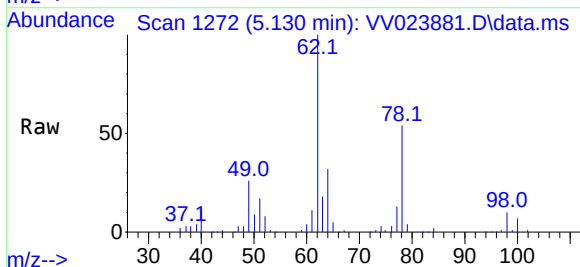
Acq: 10 Dec 2021 12:39

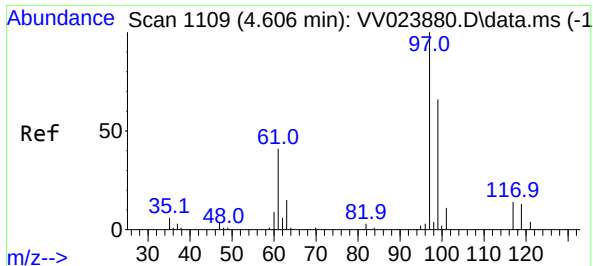
Tgt Ion: 62 Resp: 96320

Ion Ratio Lower Upper

62 100

98 9.8 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 10.835 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV023881.D

Acq: 10 Dec 2021 12:39

Instrument :

MSVOA_V

ClientSampleId :

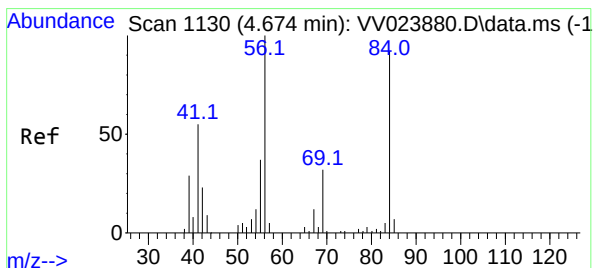
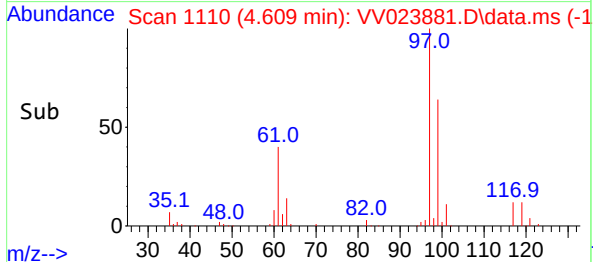
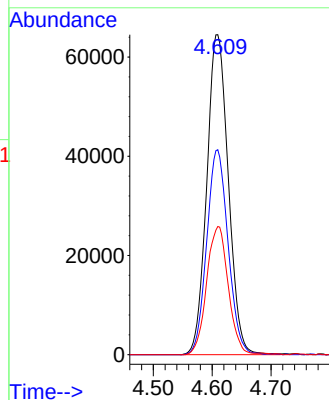
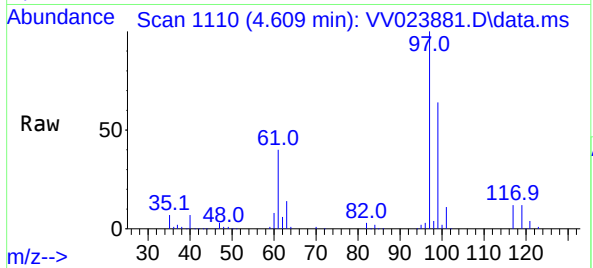
Tgt Ion: 97 Resp: 164354

Ion Ratio Lower Upper

97 100

99 63.5 51.9 77.9

61 40.1 33.2 49.8



#30

Cyclohexane

Concen: 10.602 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV023881.D

Acq: 10 Dec 2021 12:39

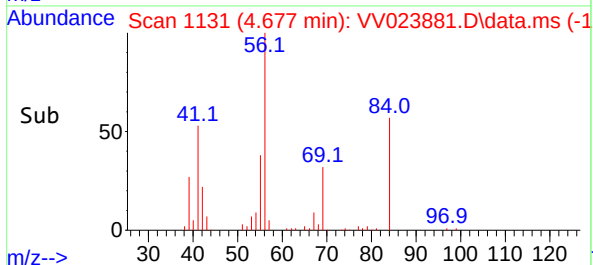
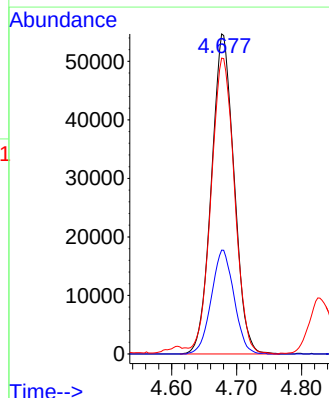
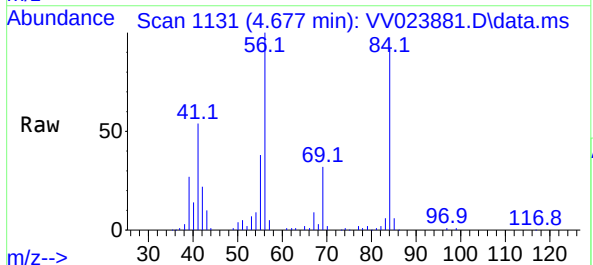
Tgt Ion: 56 Resp: 132234

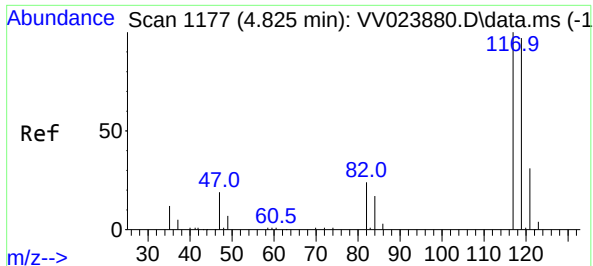
Ion Ratio Lower Upper

56 100

69 32.5 24.8 37.2

84 95.6 75.9 113.9

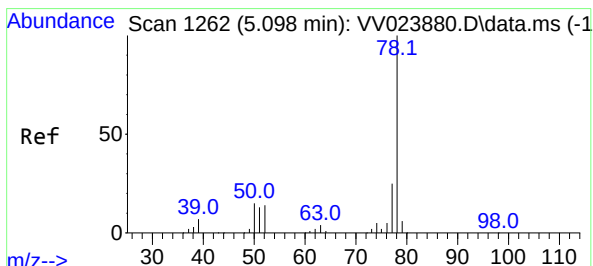
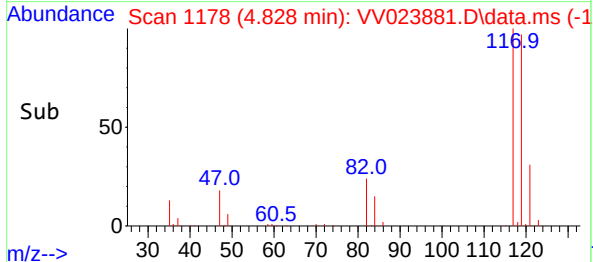
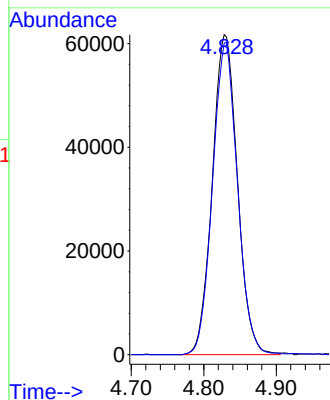
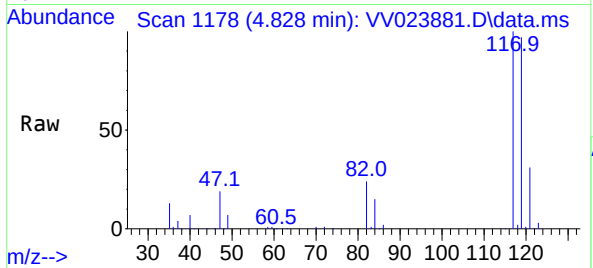




#31
Carbon tetrachloride
Concen: 10.714 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

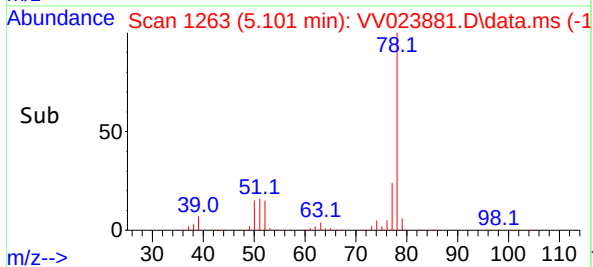
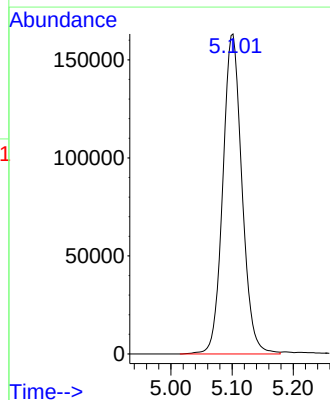
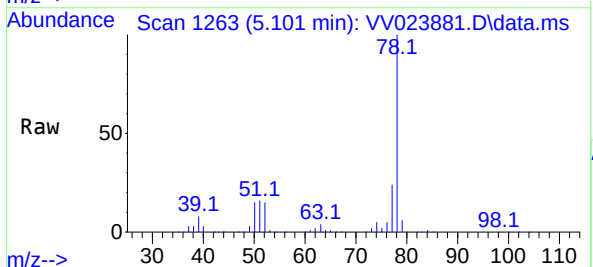
Instrument :
MSVOA_V
ClientSampleId :

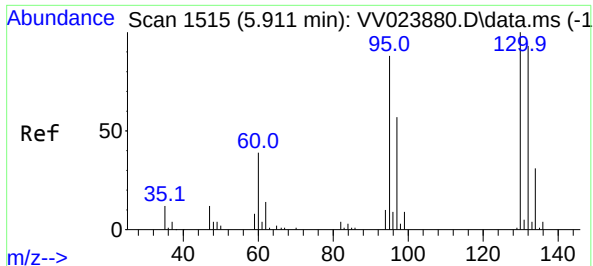
Tgt Ion:117 Resp: 148486
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8



#33
Benzene
Concen: 10.776 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

Tgt Ion: 78 Resp: 355609

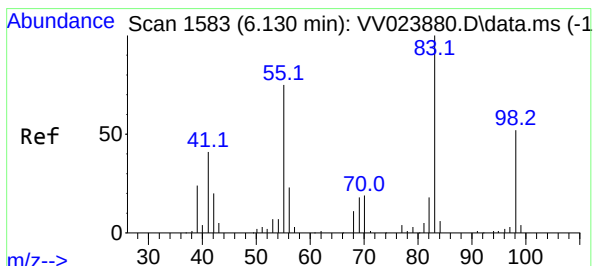
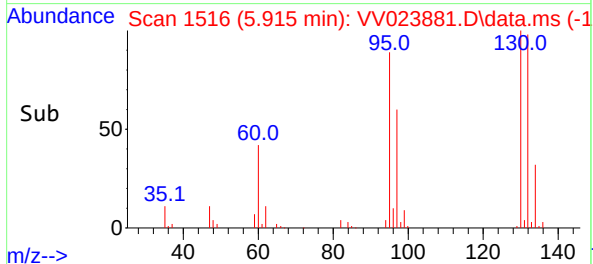
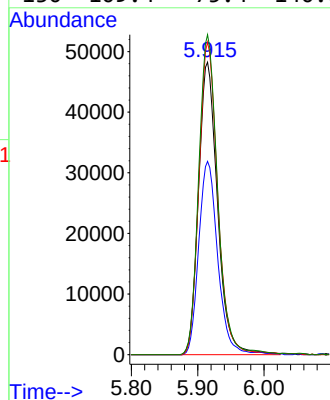
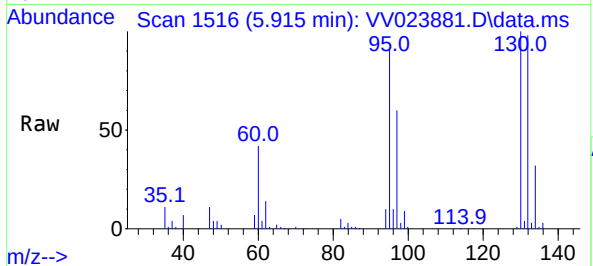




#34
Trichloroethene
Concen: 10.781 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

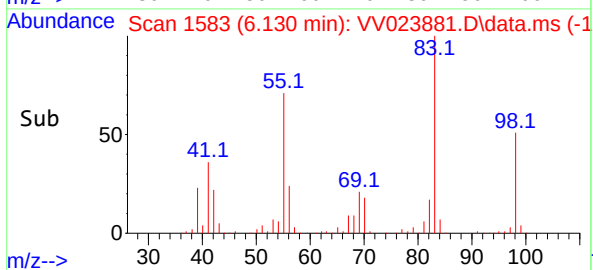
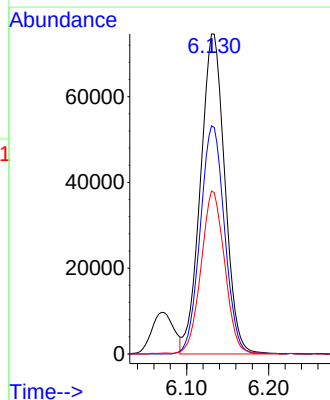
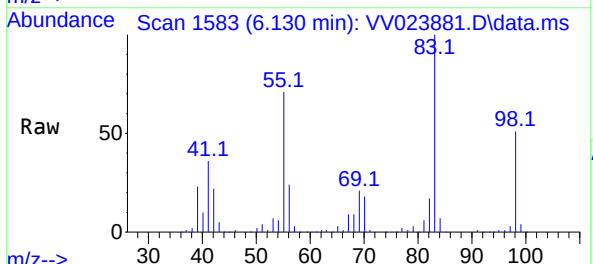
Instrument :
MSVOA_V
ClientSampleId :

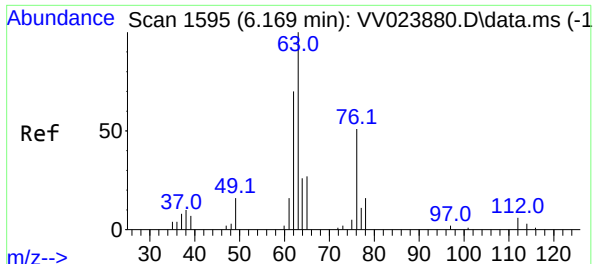
Tgt Ion: 95 Resp: 96129
Ion Ratio Lower Upper
95 100
97 66.1 45.2 84.0
132 106.9 76.1 141.3
130 109.4 75.4 140.0



#35
Methylcyclohexane
Concen: 11.208 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

Tgt Ion: 83 Resp: 153682
Ion Ratio Lower Upper
83 100
55 71.3 60.2 90.2
98 49.5 41.0 61.4

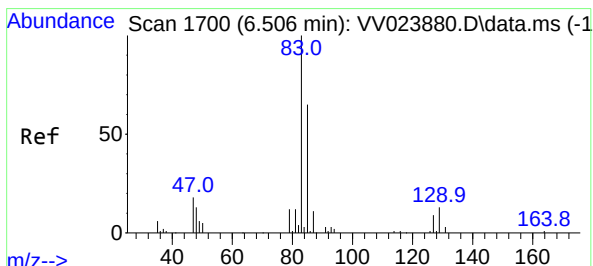
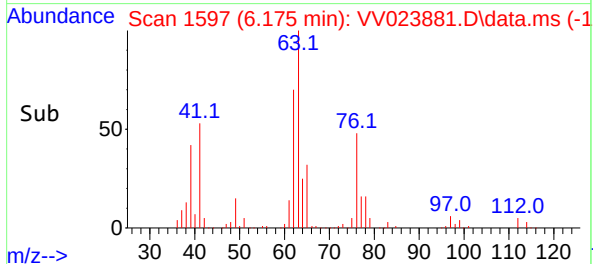
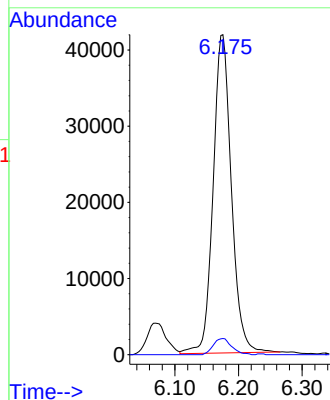
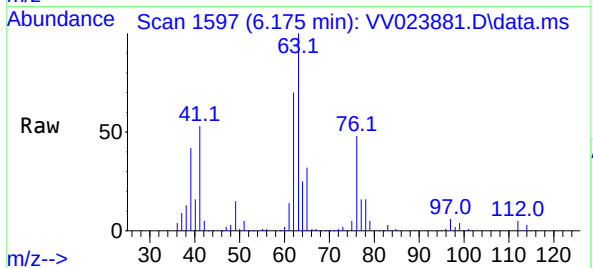




#37
1,2-Dichloropropane
Concen: 10.656 ug/L
RT: 6.175 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

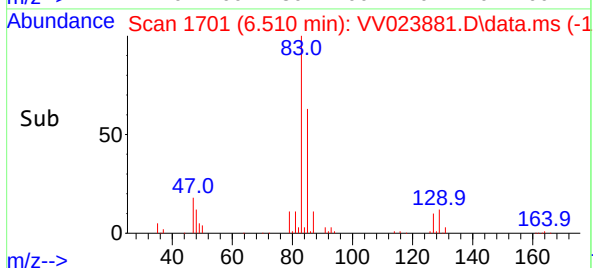
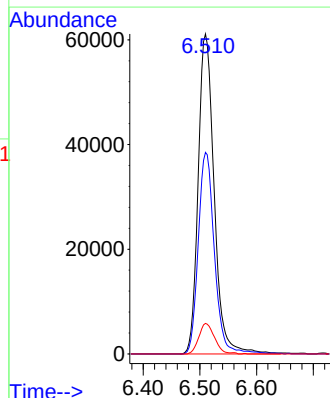
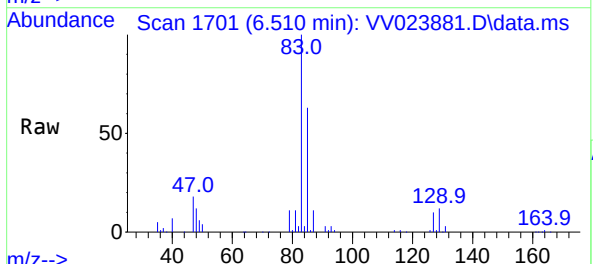
Instrument :
MSVOA_V
ClientSampleId :

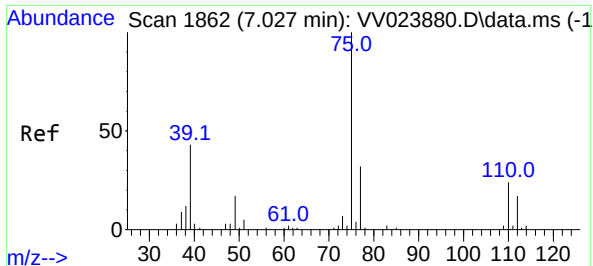
Tgt Ion: 63 Resp: 83340
Ion Ratio Lower Upper
63 100
112 5.1 4.3 6.5



#38
Bromodichloromethane
Concen: 11.179 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

Tgt Ion: 83 Resp: 119801
Ion Ratio Lower Upper
83 100
85 63.0 44.0 81.8
127 9.5 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 11.414 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV023881.D

Acq: 10 Dec 2021 12:39

Instrument :

MSVOA_V

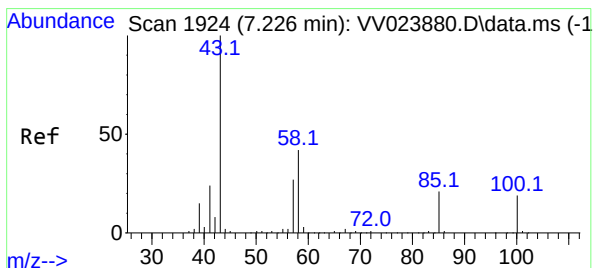
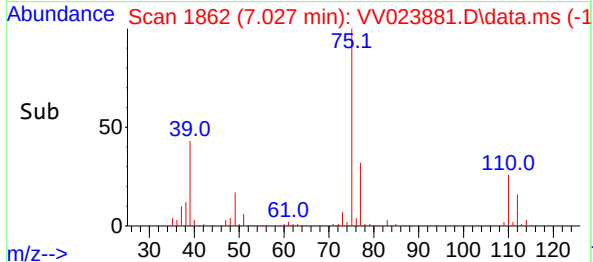
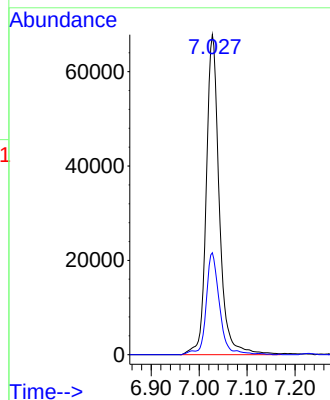
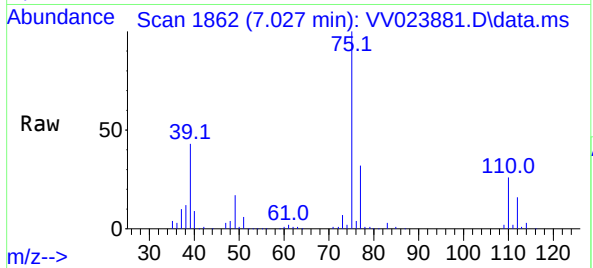
ClientSampleId :

Tgt Ion: 75 Resp: 128399

Ion Ratio Lower Upper

75 100

77 31.8 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 118.989 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023881.D

Acq: 10 Dec 2021 12:39

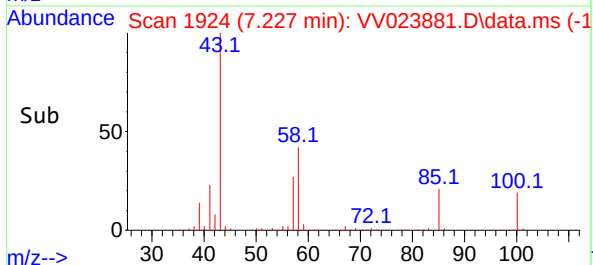
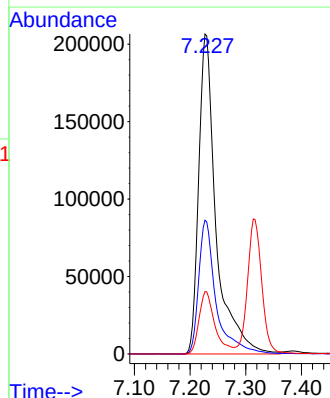
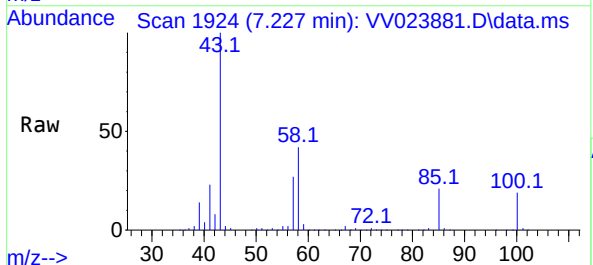
Tgt Ion: 43 Resp: 448489

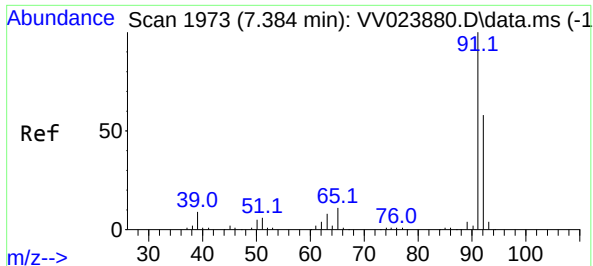
Ion Ratio Lower Upper

43 100

58 41.8 32.3 48.5

100 17.9 13.0 19.6





#42

Toluene

Concen: 11.376 ug/L

RT: 7.388 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV023881.D

Acq: 10 Dec 2021 12:39

Instrument :

MSVOA_V

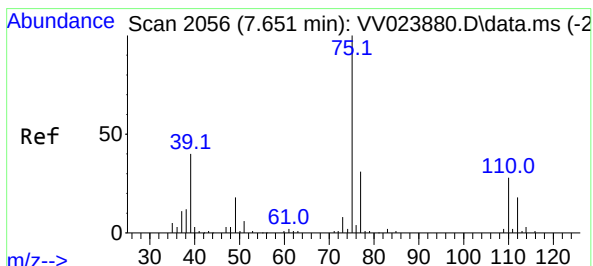
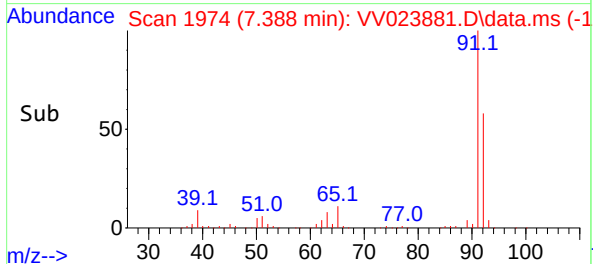
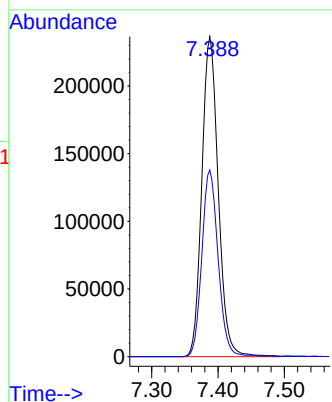
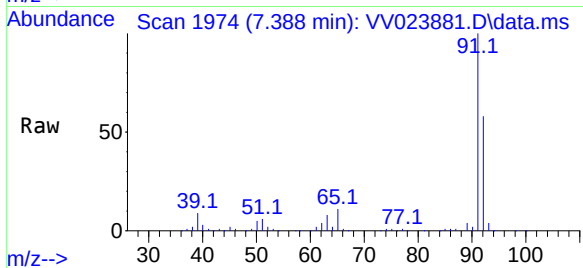
ClientSampleId :

Tgt Ion: 91 Resp: 406427

Ion Ratio Lower Upper

91 100

92 58.3 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 11.714 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV023881.D

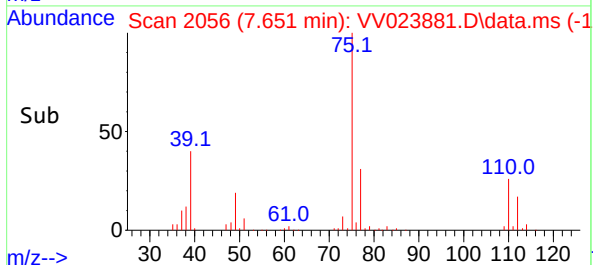
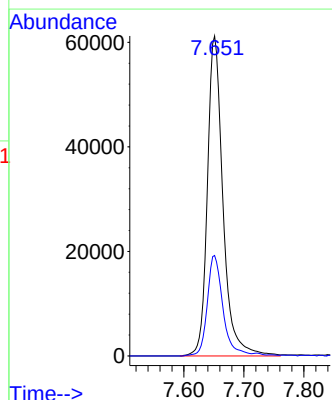
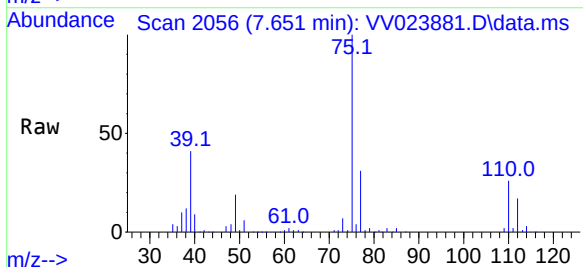
Acq: 10 Dec 2021 12:39

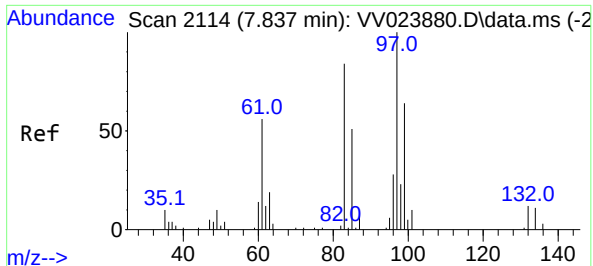
Tgt Ion: 75 Resp: 110888

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4



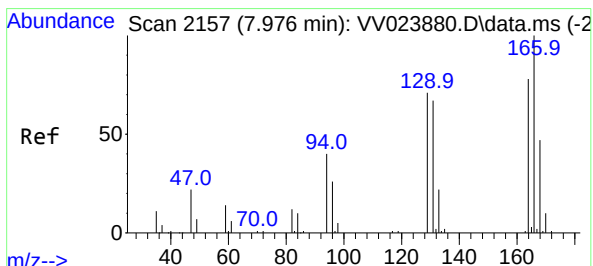
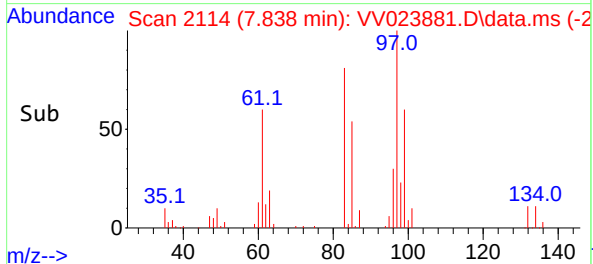
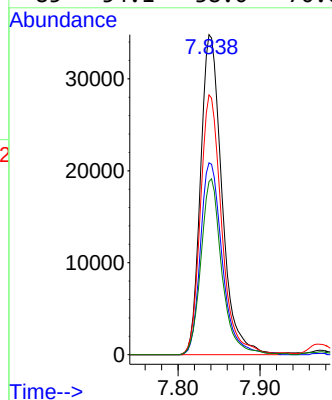
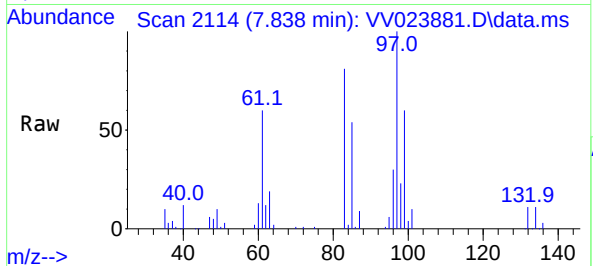


#45
1,1,2-Trichloroethane
Concen: 11.485 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 63102

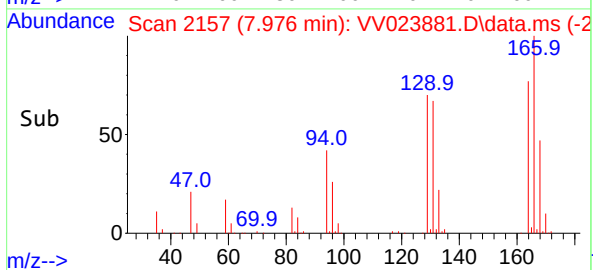
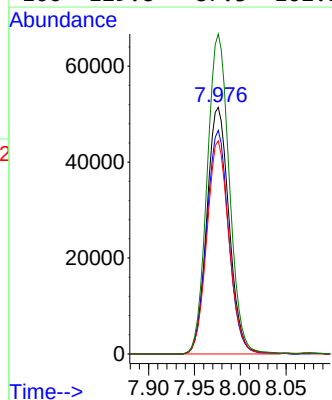
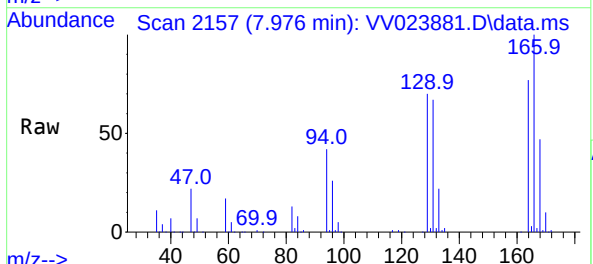
Ion	Ratio	Lower	Upper
97	100		
99	60.0	43.1	80.1
83	81.2	57.9	107.5
85	54.1	38.0	70.6

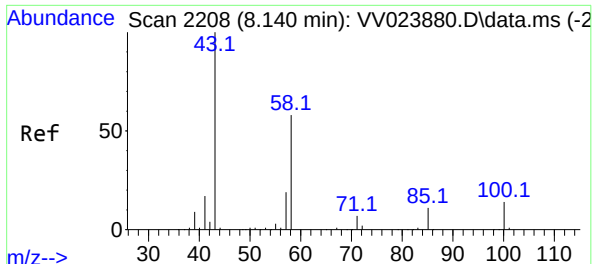


#47
Tetrachloroethene
Concen: 10.743 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

Tgt Ion: 164 Resp: 86809

Ion	Ratio	Lower	Upper
164	100		
129	90.6	62.6	116.2
131	86.5	61.0	113.4
166	129.8	87.3	162.1

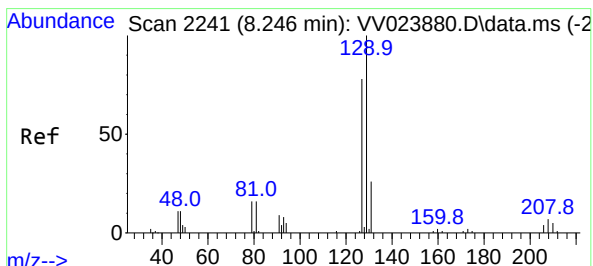
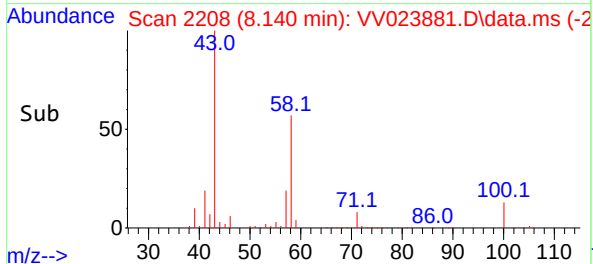
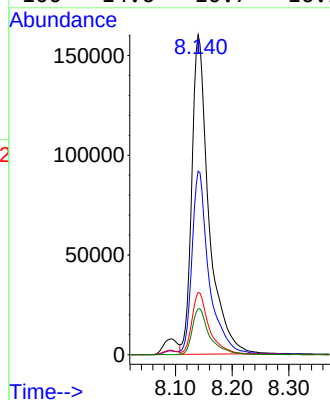
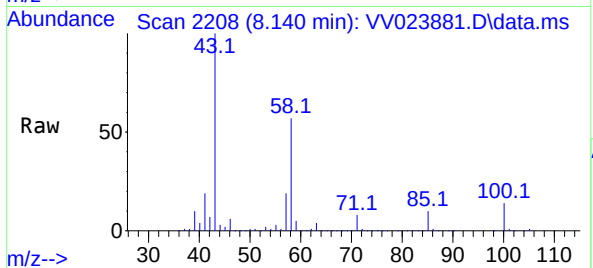




#48
2-Hexanone
Concen: 120.207 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

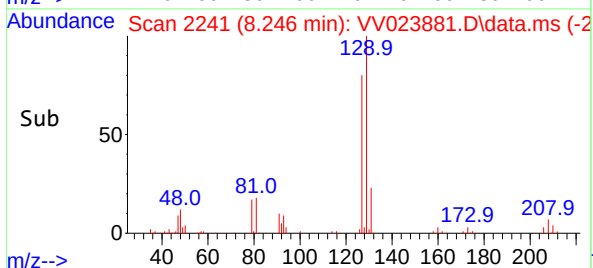
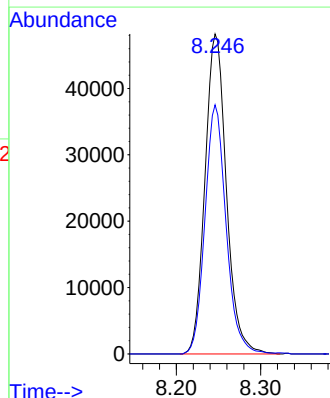
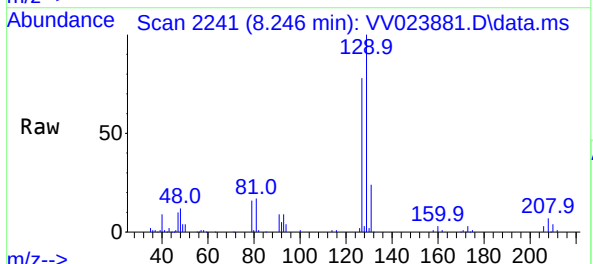
Instrument :
MSVOA_V
ClientSampleId :

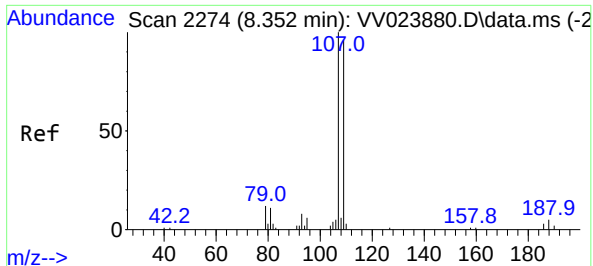
Tgt Ion: 43 Resp: 334446
Ion Ratio Lower Upper
43 100
58 57.0 44.5 66.7
57 19.5 15.1 22.7
100 14.6 10.7 16.1



#49
Dibromochloromethane
Concen: 11.334 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

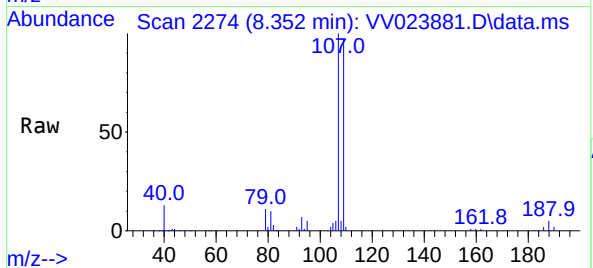
Tgt Ion: 129 Resp: 85288
Ion Ratio Lower Upper
129 100
127 77.8 53.5 99.3



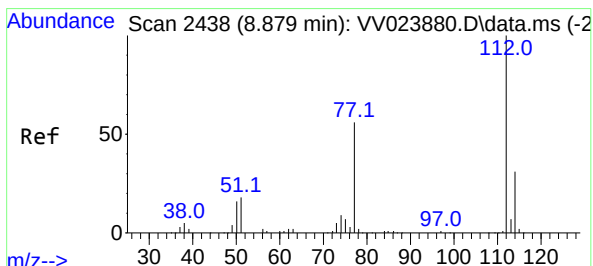
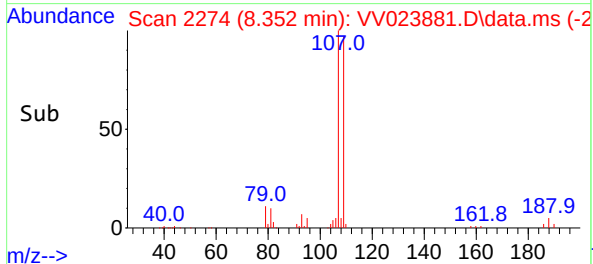
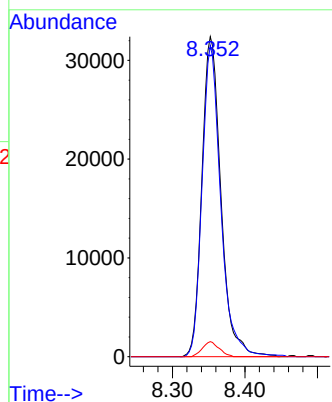


#50
1,2-Dibromoethane
Concen: 11.135 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

Instrument :
MSVOA_V
ClientSampleId :

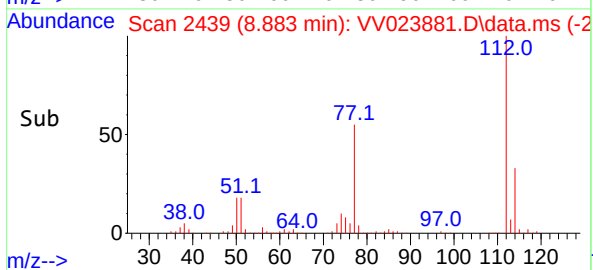
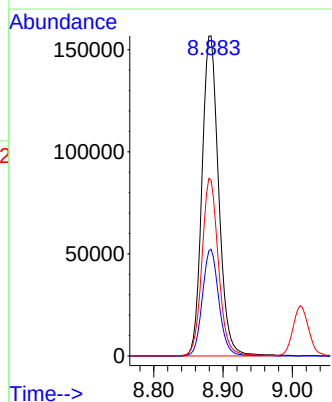
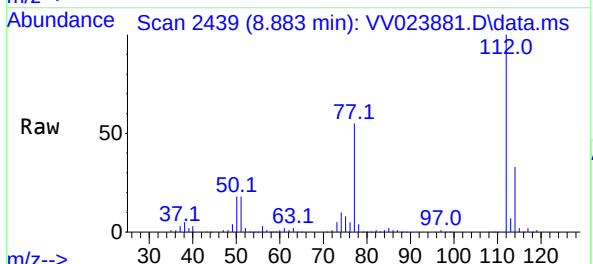


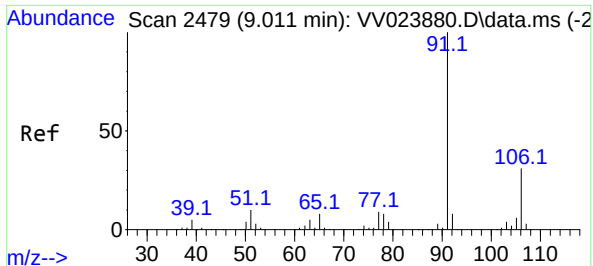
Tgt Ion:107 Resp: 58935
Ion Ratio Lower Upper
107 100
109 97.2 62.5 116.1
188 4.7 3.4 5.2



#51
Chlorobenzene
Concen: 10.971 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

Tgt Ion:112 Resp: 261800
Ion Ratio Lower Upper
112 100
114 33.4 23.3 43.3
77 55.0 43.3 64.9





#52

Ethylbenzene

Concen: 11.475 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV023881.D

Acq: 10 Dec 2021 12:39

Instrument :

MSVOA_V

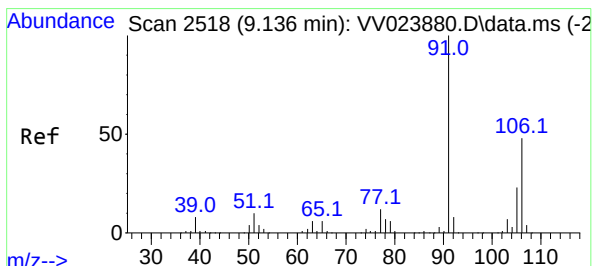
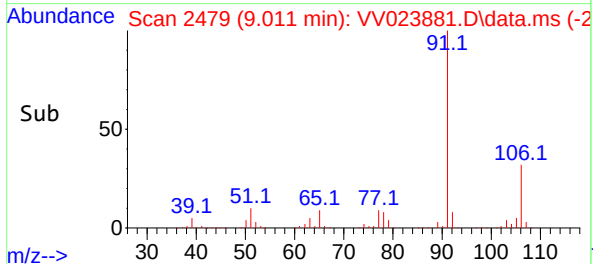
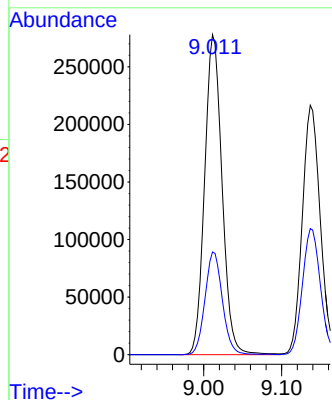
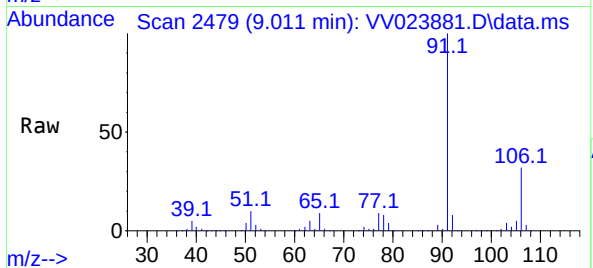
ClientSampleId :

Tgt Ion: 91 Resp: 432531

Ion Ratio Lower Upper

91 100

106 32.1 22.0 41.0



#53

m,p-xylene

Concen: 11.828 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV023881.D

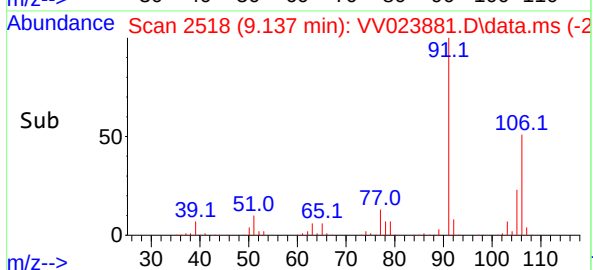
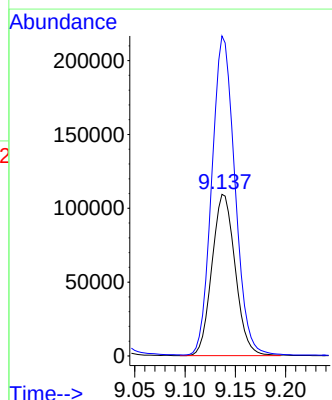
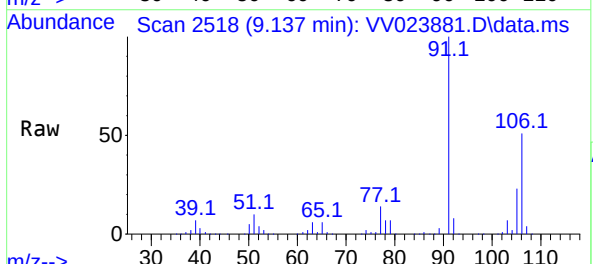
Acq: 10 Dec 2021 12:39

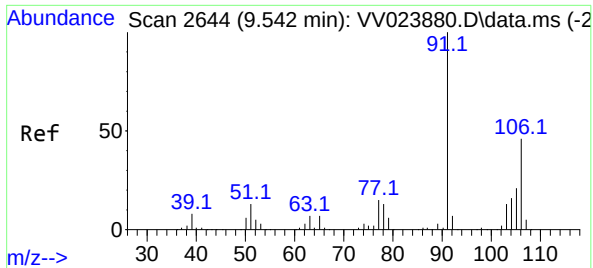
Tgt Ion:106 Resp: 175869

Ion Ratio Lower Upper

106 100

91 198.0 139.5 259.1

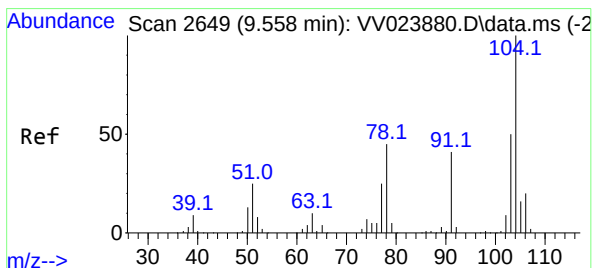
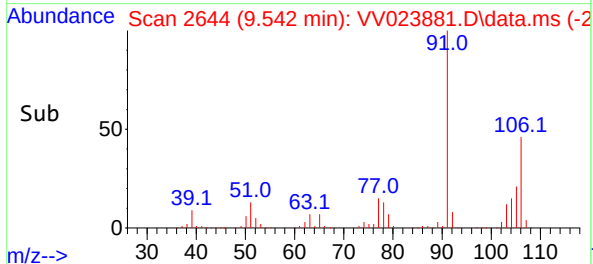
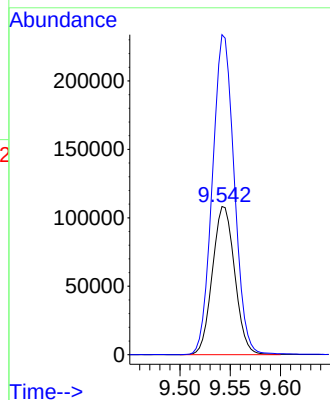
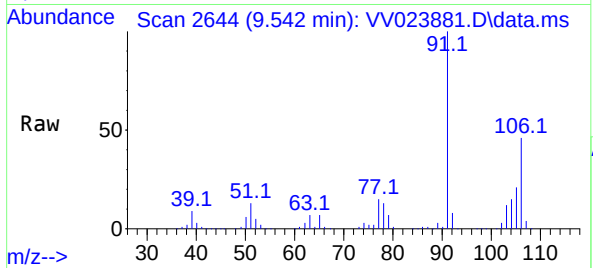




#54
o-xylene
Concen: 11.725 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

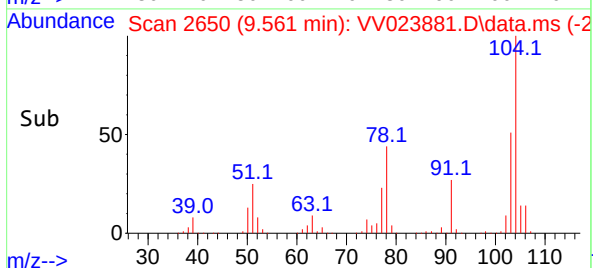
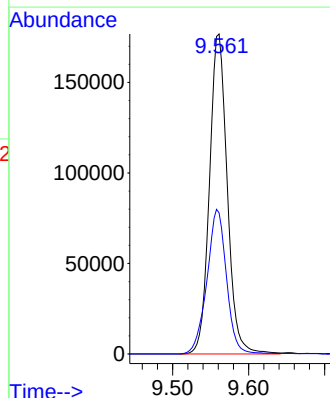
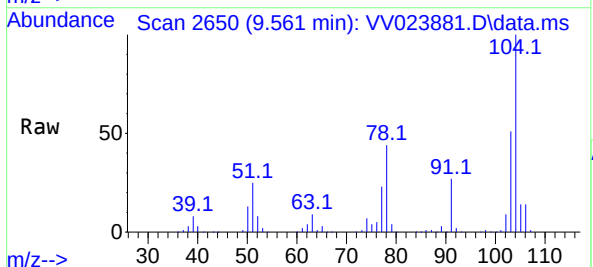
Instrument :
MSVOA_V
ClientSampleId :

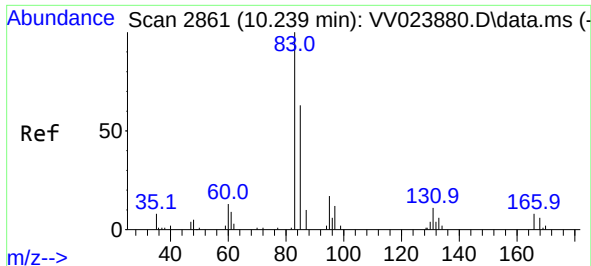
Tgt Ion:106 Resp: 167269
Ion Ratio Lower Upper
106 100
91 215.9 147.9 274.7



#55
Styrene
Concen: 12.033 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

Tgt Ion:104 Resp: 287349
Ion Ratio Lower Upper
104 100
78 44.1 31.0 57.6

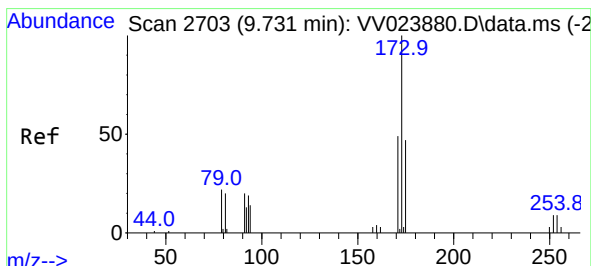
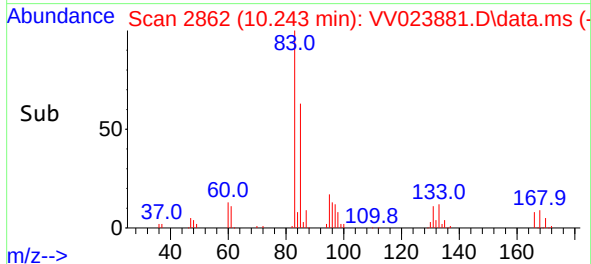
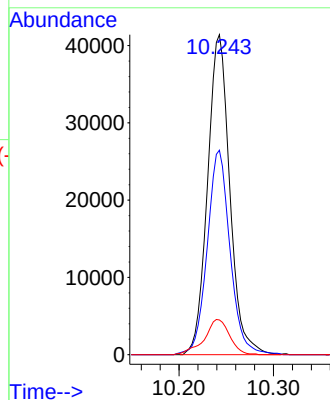
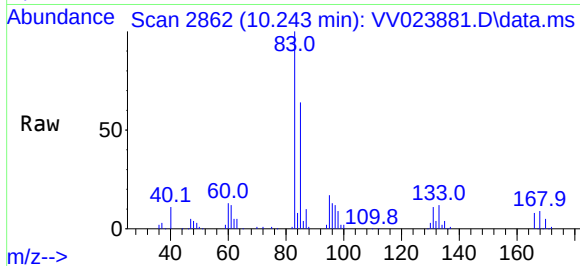




#57
1,1,2,2-Tetrachloroethane
Concen: 11.170 ug/L
RT: 10.243 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

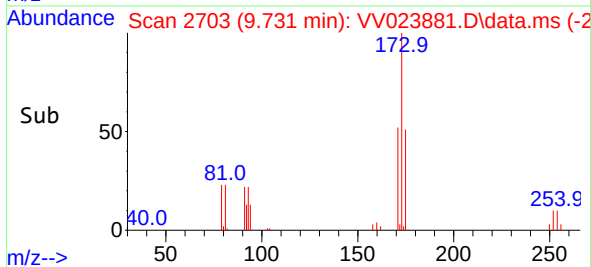
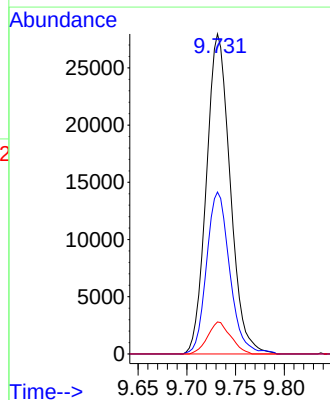
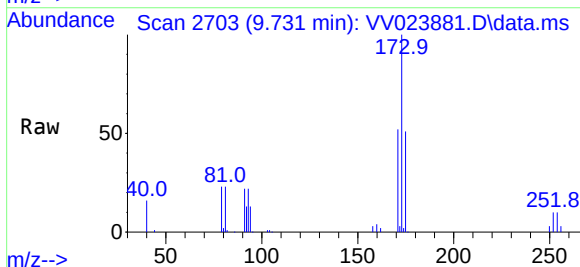
Instrument :
MSVOA_V
ClientSampleId :

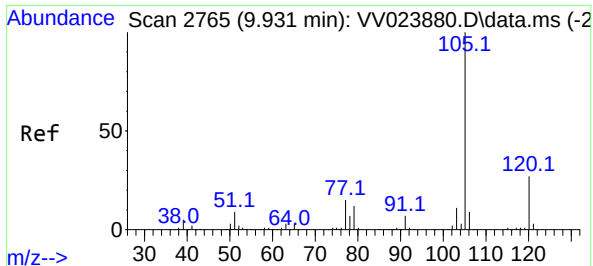
Tgt Ion: 83 Resp: 67670
Ion Ratio Lower Upper
83 100
85 63.9 44.6 82.8
131 10.9 8.3 12.5



#59
Bromoform
Concen: 10.238 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

Tgt Ion:173 Resp: 47471
Ion Ratio Lower Upper
173 100
175 49.4 39.4 59.2
254 9.7 7.4 11.0

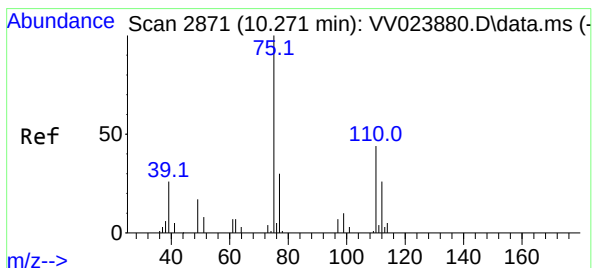
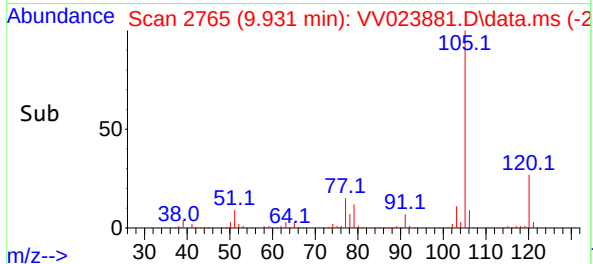
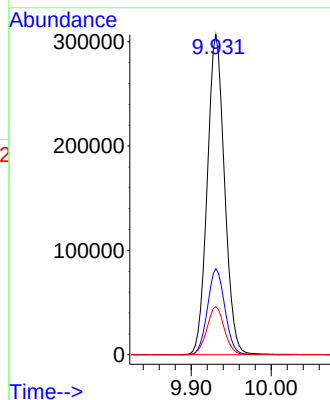
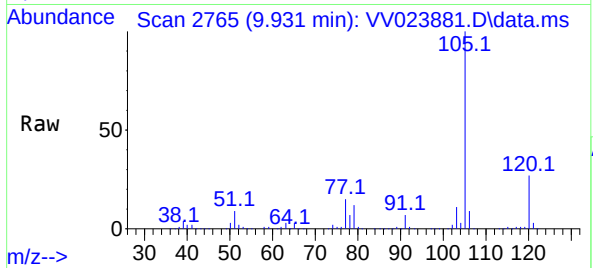




#60
Isopropylbenzene
Concen: 11.093 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

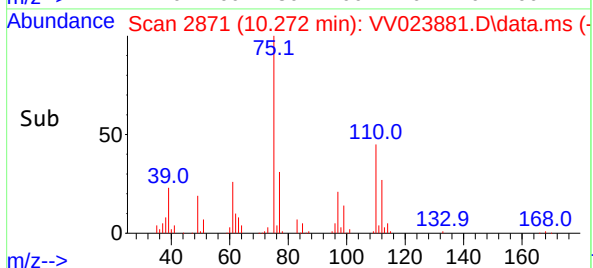
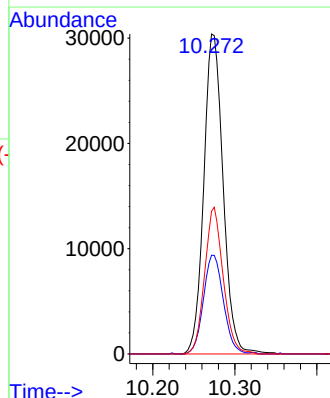
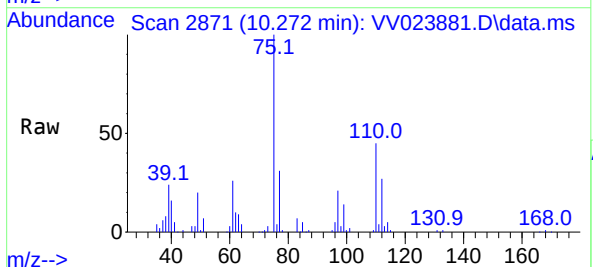
Instrument :
MSVOA_V
ClientSampleId :

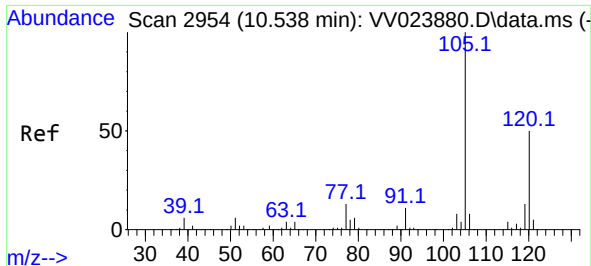
Tgt Ion:105 Resp: 460582
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.0
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 10.085 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

Tgt Ion: 75 Resp: 49837
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
110 44.1 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 11.513 ug/L

RT: 10.539 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023881.D

Acq: 10 Dec 2021 12:39

Instrument :

MSVOA_V

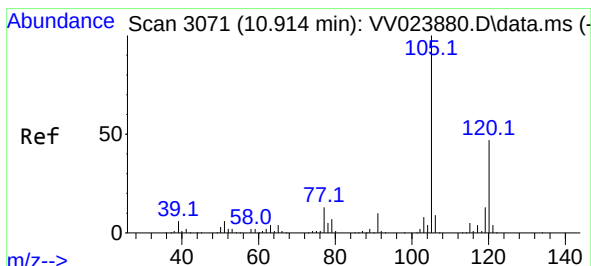
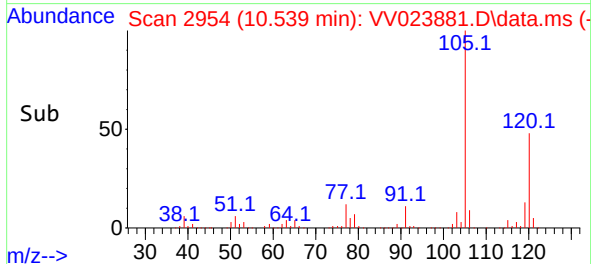
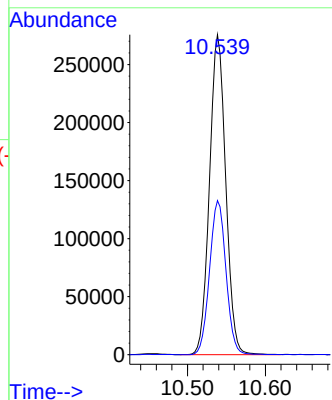
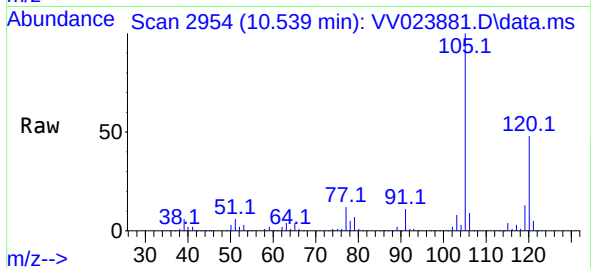
ClientSampleId :

Tgt Ion:105 Resp: 398424

Ion Ratio Lower Upper

105 100

120 48.7 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 11.574 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023881.D

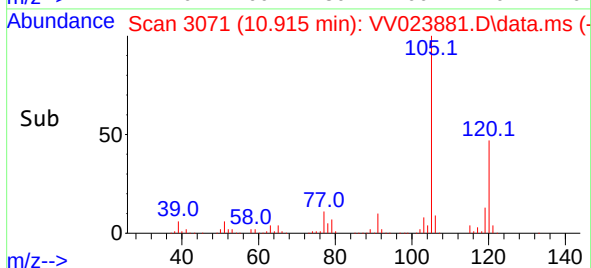
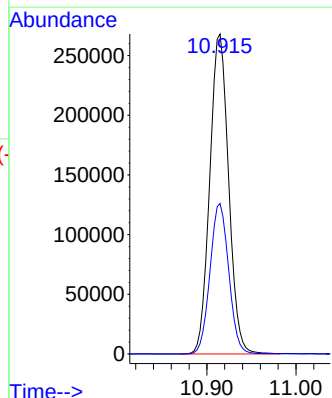
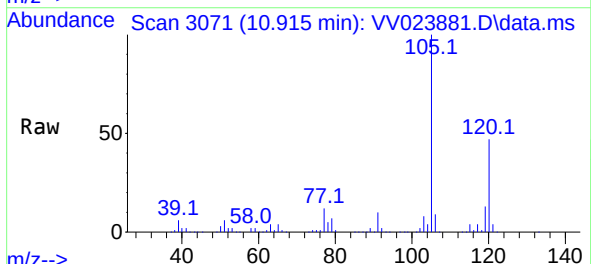
Acq: 10 Dec 2021 12:39

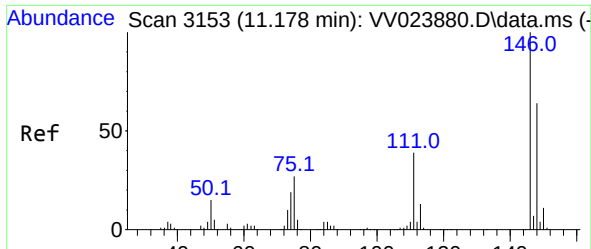
Tgt Ion:105 Resp: 394318

Ion Ratio Lower Upper

105 100

120 46.7 36.7 55.1

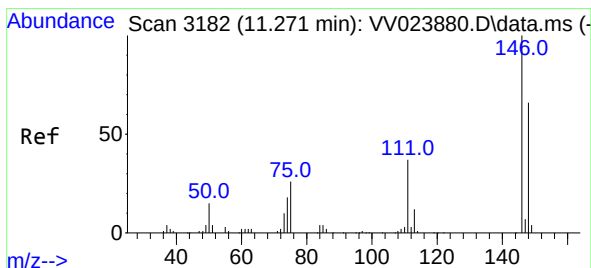
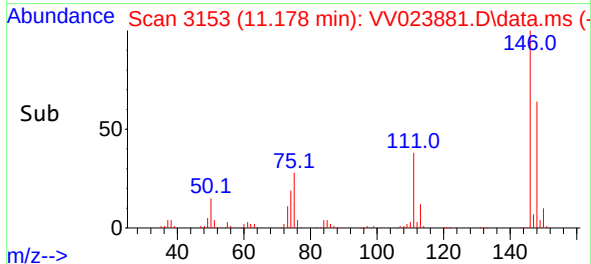
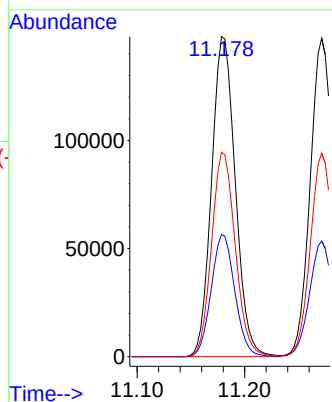
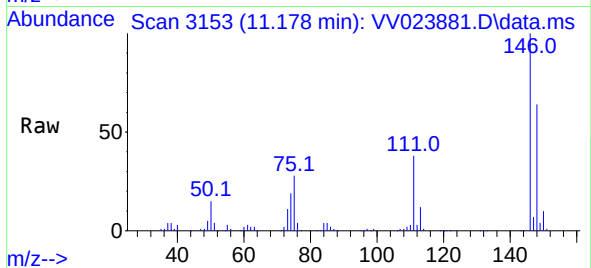




#64
1,3-Dichlorobenzene
Concen: 10.640 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

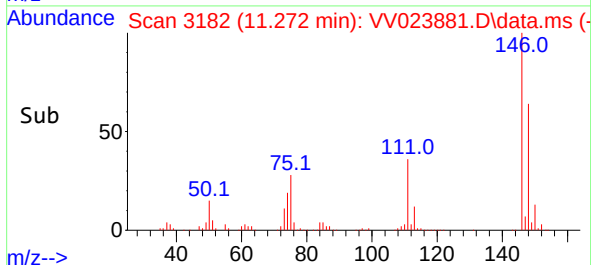
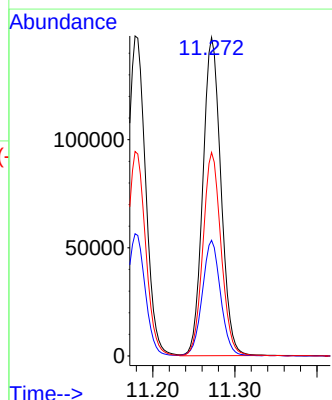
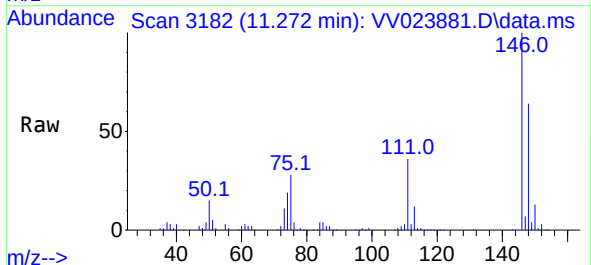
Instrument :
MSVOA_V
ClientSampleId :

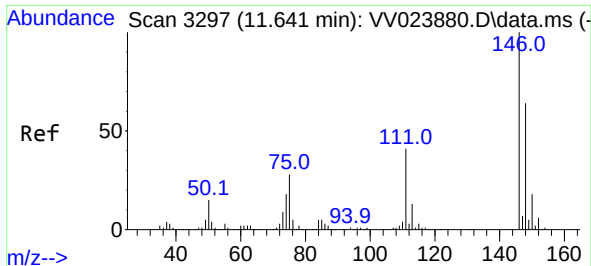
Tgt Ion:146 Resp: 227032
Ion Ratio Lower Upper
146 100
111 38.2 26.3 48.9
148 63.9 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 10.536 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

Tgt Ion:146 Resp: 225643
Ion Ratio Lower Upper
146 100
111 36.3 25.6 47.6
148 63.9 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 10.547 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023881.D

Acq: 10 Dec 2021 12:39

Instrument :

MSVOA_V

ClientSampleId :

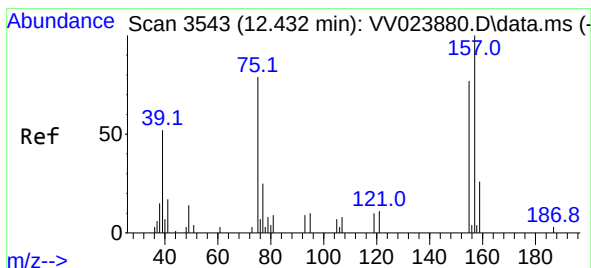
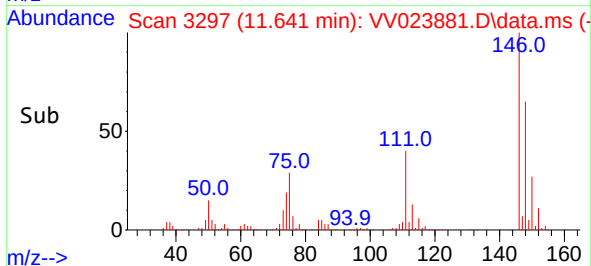
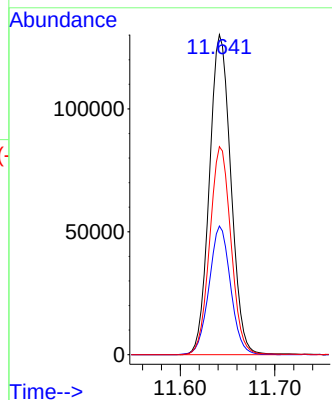
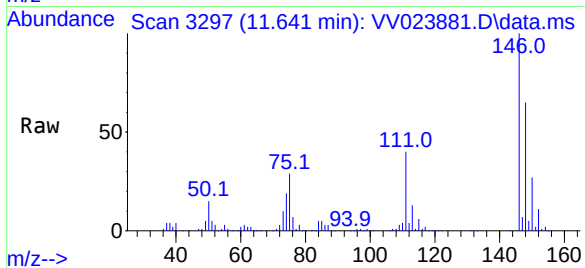
Tgt Ion:146 Resp: 205815

Ion Ratio Lower Upper

146 100

111 40.2 31.9 47.9

148 65.0 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 11.344 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.003 min

Lab File: VV023881.D

Acq: 10 Dec 2021 12:39

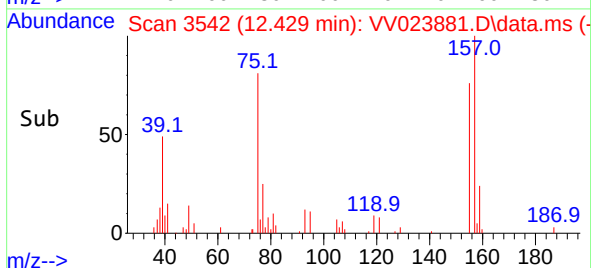
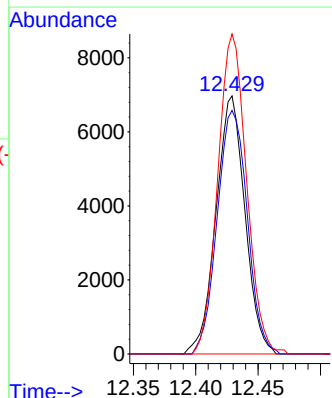
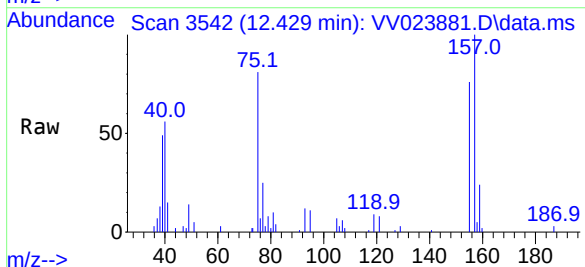
Tgt Ion: 75 Resp: 11282

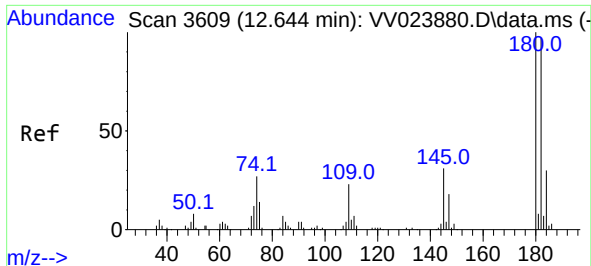
Ion Ratio Lower Upper

75 100

155 94.4 71.7 107.5

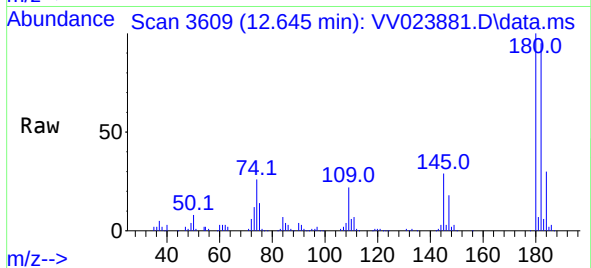
157 124.0 103.3 154.9



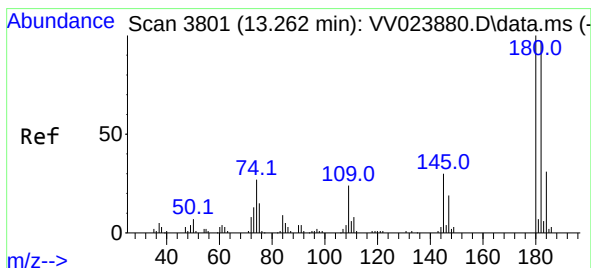
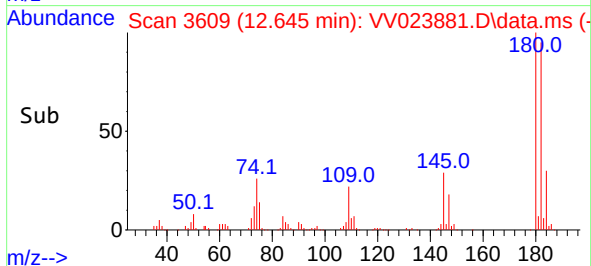
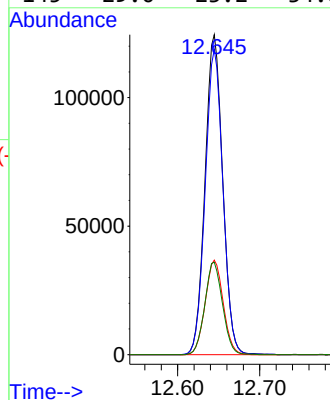


#69
 1,3,5-Trichlorobenzene
 Concen: 11.117 ug/L
 RT: 12.645 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VV023881.D
 Acq: 10 Dec 2021 12:39

Instrument :
 MSVOA_V
 ClientSampleId :

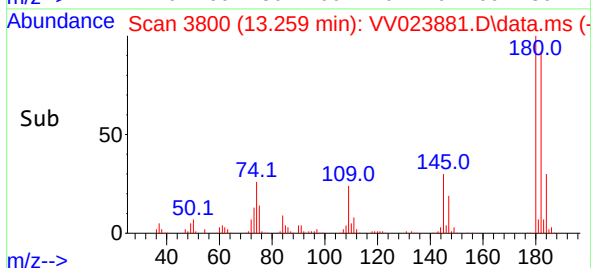
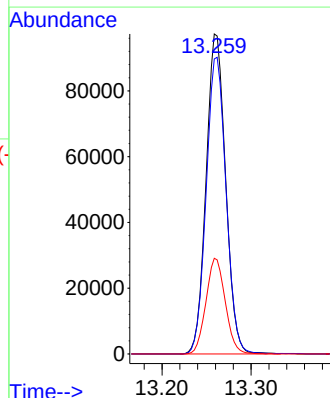
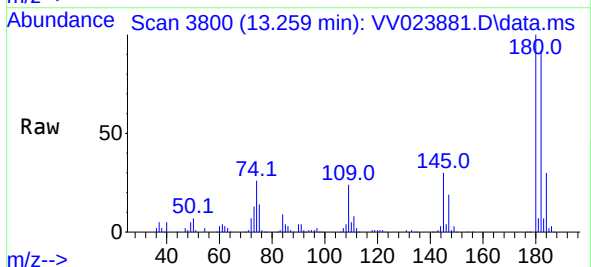


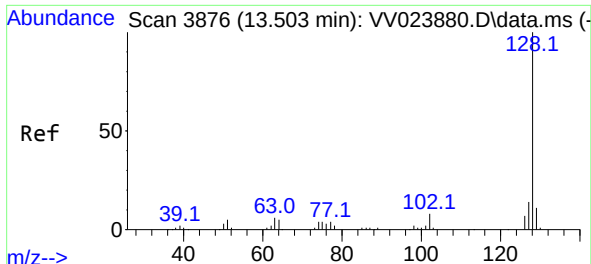
Tgt Ion:180 Resp: 185899
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.4 114.6
 184 30.2 24.2 36.4
 145 29.0 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 11.347 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.003 min
 Lab File: VV023881.D
 Acq: 10 Dec 2021 12:39

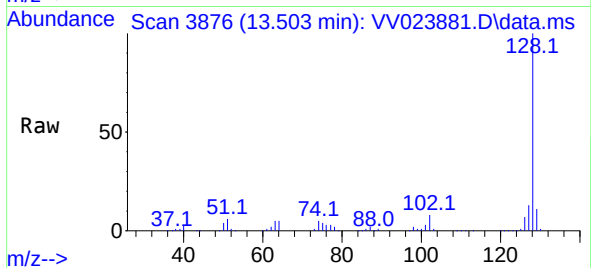
Tgt Ion:180 Resp: 147889
 Ion Ratio Lower Upper
 180 100
 182 94.6 74.4 111.6
 145 29.6 23.3 34.9



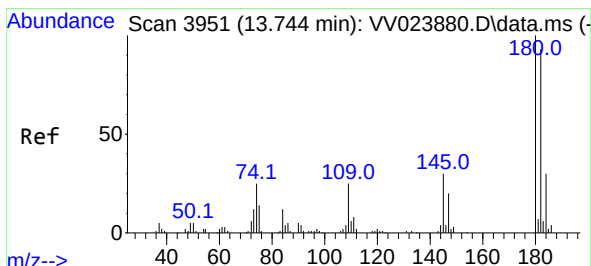
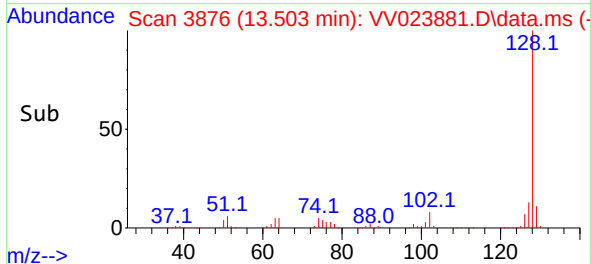
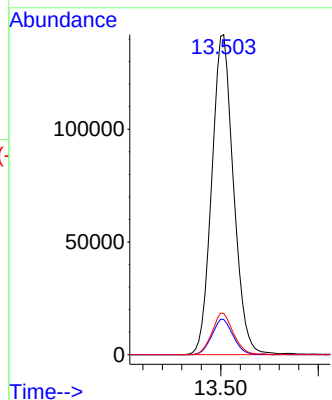


#71
Naphthalene
Concen: 12.444 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 220223
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 11.621 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023881.D
Acq: 10 Dec 2021 12:39

Tgt Ion:180 Resp: 131611
Ion Ratio Lower Upper
180 100
182 95.3 76.8 115.2
145 31.6 25.8 38.6

