

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
 Data File : VV028063.D
 Acq On : 22 Sep 2022 16:06
 Operator : SY/MD
 Sample : VSTD0.546
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 23 03:54:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 03:53:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	186296	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	176991	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87417	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	7880	0.492	ug/L	0.00
7) Chloroethane-d5	1.561	69	6209	0.452	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	14293	0.540	ug/L	0.00
20) 2-Butanone-d5	3.934	46	7318	2.785	ug/L	0.05
24) Chloroform-d	4.339	84	12385	0.468	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	5816	0.510	ug/L	0.01
32) Benzene-d6	5.050	84	22822	0.493	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	8776	0.582	ug/L	0.00
41) Toluene-d8	7.313	98	19502	0.465	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	2334	0.456	ug/L	0.01
46) 2-Hexanone-d5	8.098	63	7935	3.616	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	4526	0.380	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	7597	0.517	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	6284	0.449	ug/L	94
3) Chloromethane	1.236	50	15433	0.946	ug/L	96
5) Vinyl chloride	1.304	62	6448	0.399	ug/L	92
6) Bromomethane	1.516	94	4411	0.403	ug/L	89
8) Chloroethane	1.577	64	4469	0.411	ug/L	95
9) Trichlorofluoromethane	1.744	101	9789	0.401	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	5890	0.392	ug/L	94
12) 1,1-Dichloroethene	2.108	96	5623	0.421	ug/L	88
13) Acetone	2.178	43	19613	9.809	ug/L	100
14) Carbon disulfide	2.285	76	11409	0.425	ug/L	99
15) Methyl Acetate	2.436	43	1252	0.290	ug/L #	89
16) Methylene chloride	2.497	84	8103	0.547	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	10863	0.431	ug/L	92
18) trans-1,2-Dichloroethene	2.754	96	4865	0.391	ug/L	98
19) 1,1-Dichloroethane	3.182	63	10644	0.438	ug/L	98
21) 2-Butanone	3.998	43	14538	5.950	ug/L	77
22) cis-1,2-Dichloroethene	3.902	96	5247	0.374	ug/L	100
23) Bromochloromethane	4.239	128	2770	0.441	ug/L #	80
25) Chloroform	4.371	83	11536	0.432	ug/L	93
27) 1,2-Dichloroethane	5.133	62	5830	0.450	ug/L #	83
29) 1,1,1-Trichloroethane	4.600	97	9881	0.489	ug/L	99
30) Cyclohexane	4.667	56	6556	0.448	ug/L	88
31) Carbon tetrachloride	4.821	117	7639	0.429	ug/L	94
33) Benzene	5.095	78	20816	0.425	ug/L	100
34) Trichloroethene	5.918	95	5386	0.442	ug/L	89
35) Methylcyclohexane	6.120	83	7078	0.411	ug/L	97
37) 1,2-Dichloropropane	6.175	63	6576	0.498	ug/L #	92
38) Bromodichloromethane	6.506	83	7497	0.441	ug/L #	97
39) cis-1,3-Dichloropropene	7.030	75	7198	0.435	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	21520	3.751	ug/L	97
42) Toluene	7.387	91	21121	0.406	ug/L	98
44) trans-1,3-Dichloropropene	7.661	75	5273	0.380	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
 Data File : VV028063.D
 Acq On : 22 Sep 2022 16:06
 Operator : SY/MD
 Sample : VSTD0.546
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

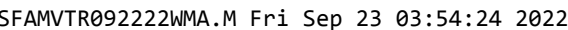
Quant Time: Sep 23 03:54:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 03:53:39 2022
 Response via : Initial Calibration

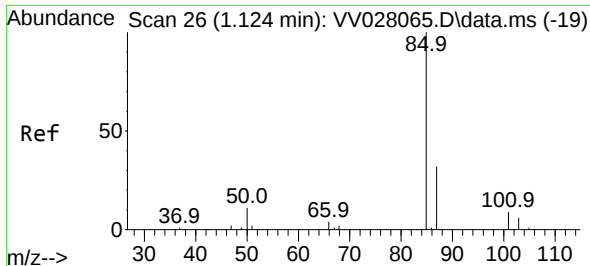
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.837	97	3709	0.389	ug/L	92
47) Tetrachloroethene	7.972	164	4328	0.408	ug/L	91
48) 2-Hexanone	8.146	43	17111	4.163	ug/L	96
49) Dibromochloromethane	8.243	129	4792	0.414	ug/L	96
50) 1,2-Dibromoethane	8.352	107	3282	0.394	ug/L #	99
51) Chlorobenzene	8.879	112	15300	0.425	ug/L	97
52) Ethylbenzene	9.011	91	21494	0.398	ug/L	98
53) m,p-Xylene	9.136	106	8168	0.391	ug/L	88
54) o-Xylene	9.542	106	8195	0.393	ug/L	97
55) Styrene	9.561	104	12575	0.347	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	3814	0.319	ug/L #	94
59) Bromoform	9.734	173	2449	0.420	ug/L	95
60) Isopropylbenzene	9.931	105	20642	0.412	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	2939	0.436	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	6309	0.465	ug/L	95
63) 1,2,4-Trimethylbenzene	10.914	105	15839	0.403	ug/L	95
64) 1,3-Dichlorobenzene	11.181	146	11039	0.412	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	11904	0.443	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	10643	0.431	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.419	75	783	0.518	ug/L #	65
69) 1,3,5-Trichlorobenzene	12.644	180	9087	0.426	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	7623	0.450	ug/L	97
71) Naphthalene	13.503	128	12966	0.515	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.744	180	6672	0.442	ug/L	97

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

Quant Time: Sep 23 03:54:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 23 03:53:39 2022
Response via : Initial Calibration

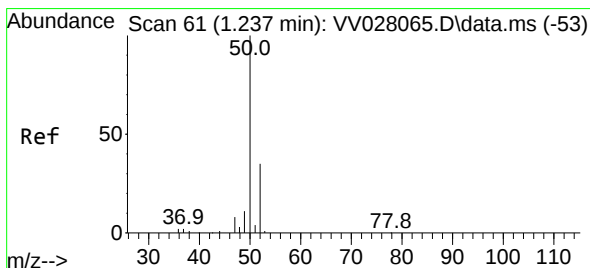
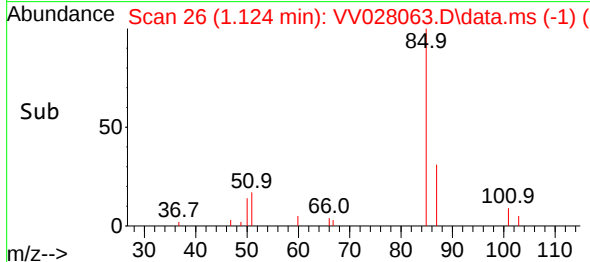
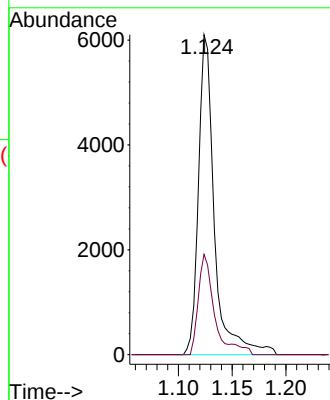
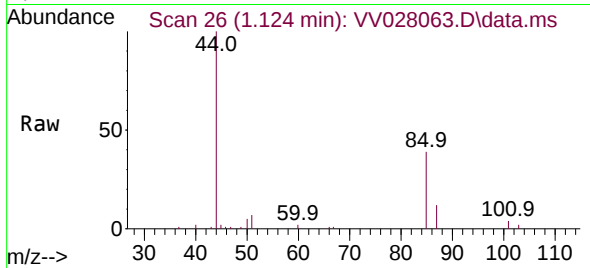




#2
 Dichlorodifluoromethane
 Concen: 0.449 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV028063.D
 Acq: 22 Sep 2022 16:06

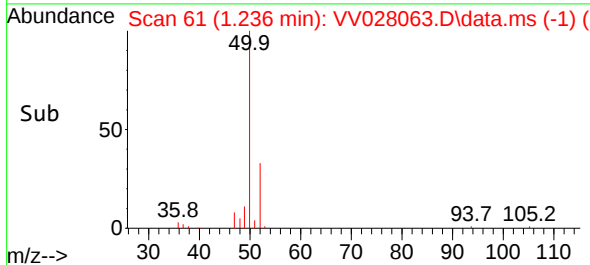
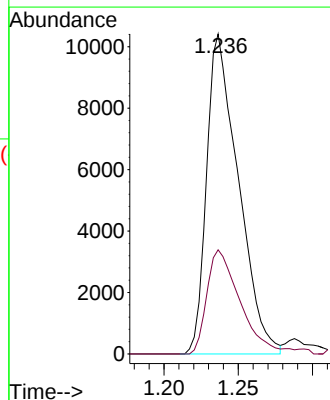
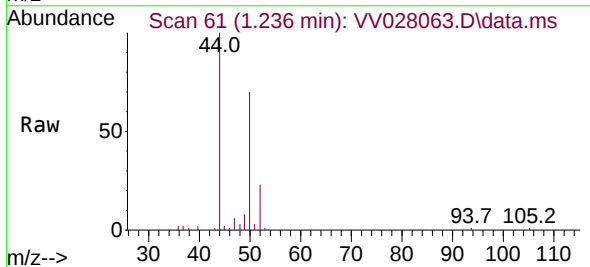
Instrument :
 MSVOA_V
 ClientSampleId :

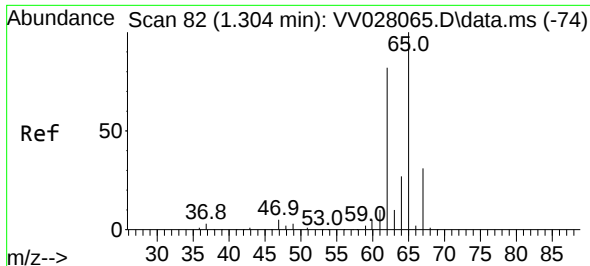
Tgt Ion: 85 Resp: 6284
 Ion Ratio Lower Upper
 85 100
 87 31.9 22.8 34.2



#3
 Chloromethane
 Concen: 0.946 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028063.D
 Acq: 22 Sep 2022 16:06

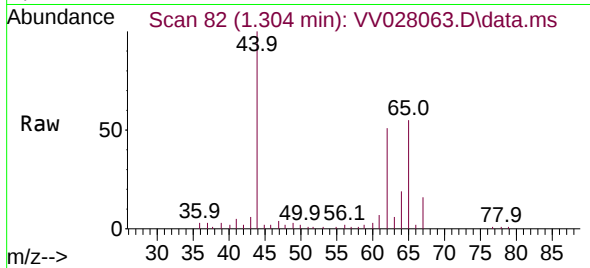
Tgt Ion: 50 Resp: 15433
 Ion Ratio Lower Upper
 50 100
 52 32.5 24.4 45.2



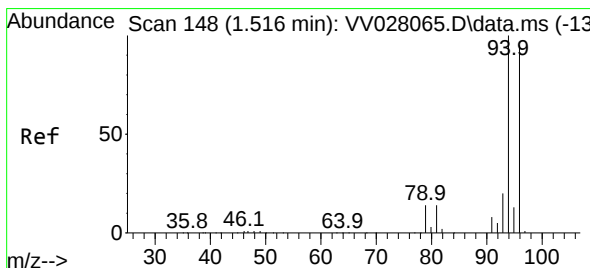
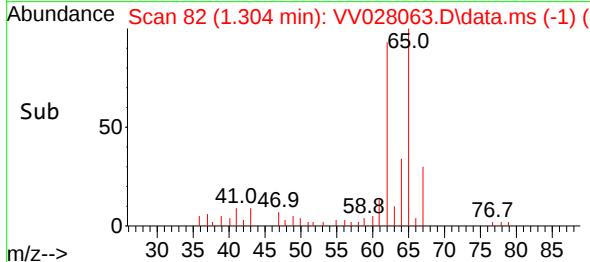
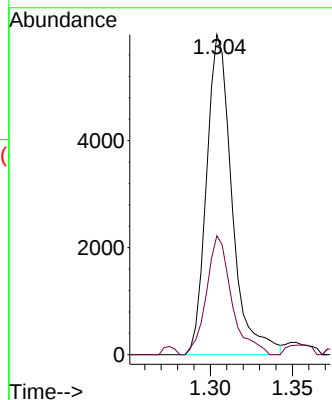


#5
 Vinyl chloride
 Concen: 0.399 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VV028063.D
 Acq: 22 Sep 2022 16:06

Instrument :
 MSVOA_V
 ClientSampleId :

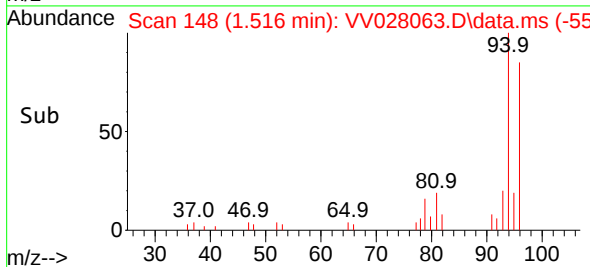
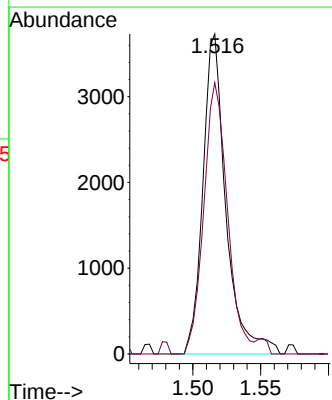
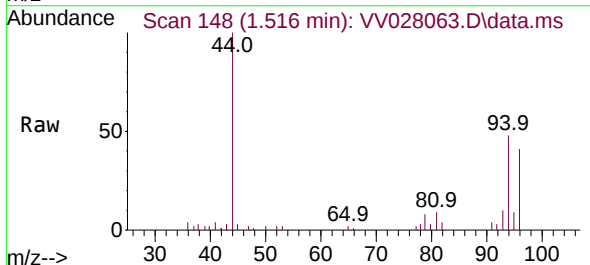


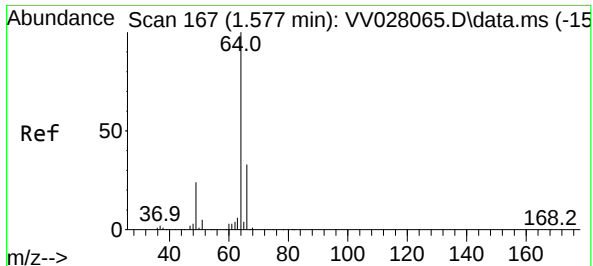
Tgt Ion: 62 Resp: 6448
 Ion Ratio Lower Upper
 62 100
 64 37.1 23.0 42.8



#6
 Bromomethane
 Concen: 0.403 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028063.D
 Acq: 22 Sep 2022 16:06

Tgt Ion: 94 Resp: 4411
 Ion Ratio Lower Upper
 94 100
 96 84.8 66.7 123.9

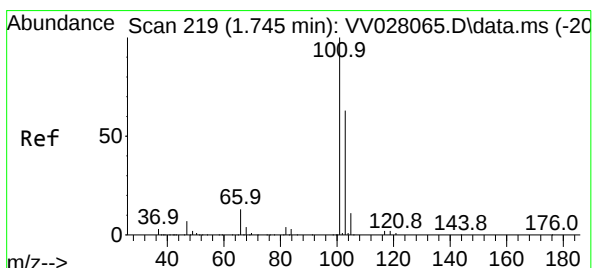
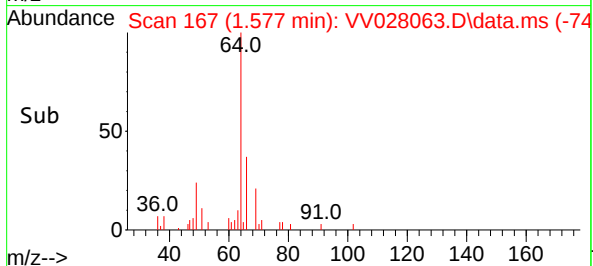
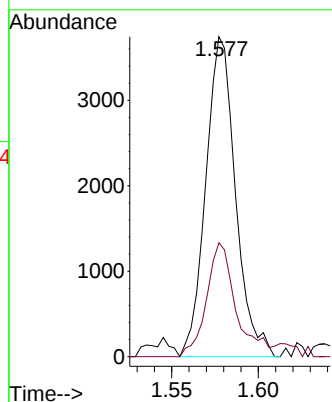
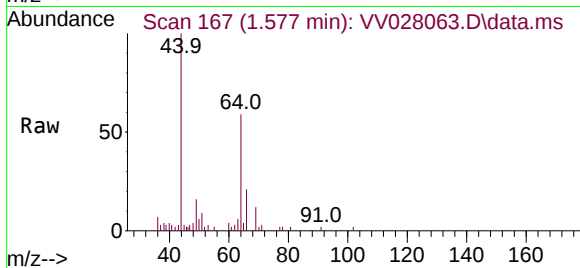




#8
Chloroethane
Concen: 0.411 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.000 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

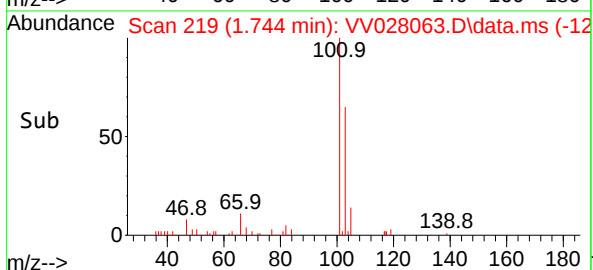
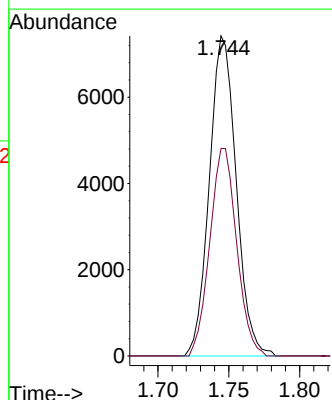
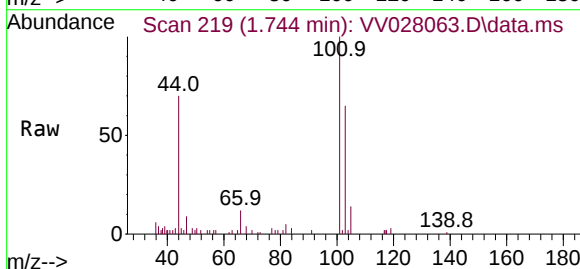
Instrument :
MSVOA_V
ClientSampleId :

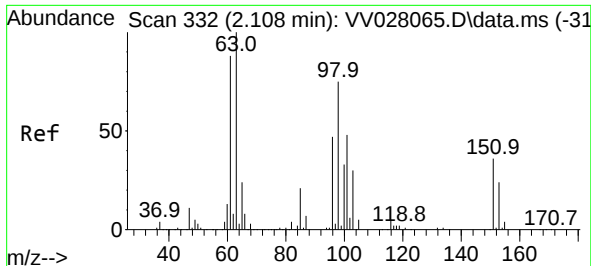
Tgt Ion: 64 Resp: 4469
Ion Ratio Lower Upper
64 100
66 35.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.401 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.000 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

Tgt Ion:101 Resp: 9789
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0





#10

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

Concen: 0.392 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.000 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

Instrument :

MSVOA_V

ClientSampleId :

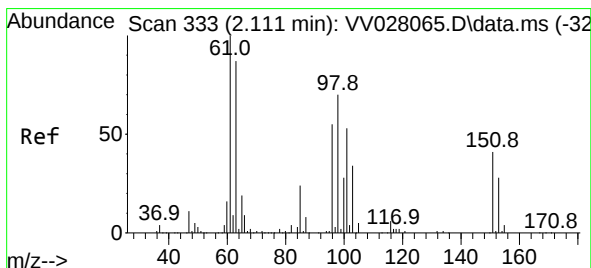
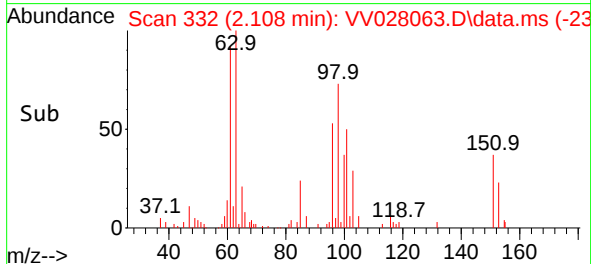
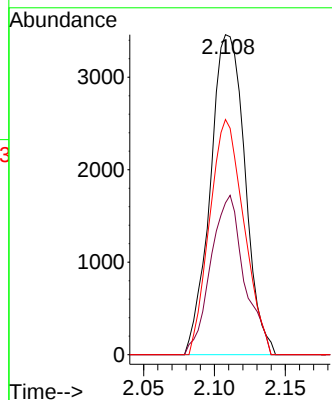
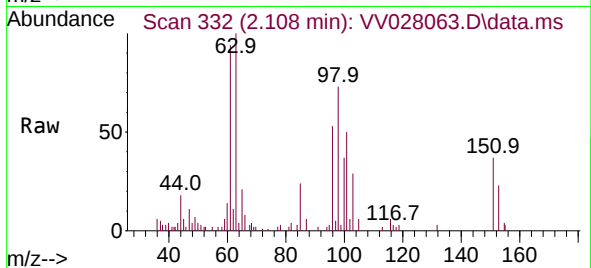
Tgt Ion:101 Resp: 5890

Ion Ratio Lower Upper

101 100

85 48.1 34.4 51.6

151 72.8 61.1 91.7



#12

1,1-Dichloroethene

Concen: 0.421 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.003 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

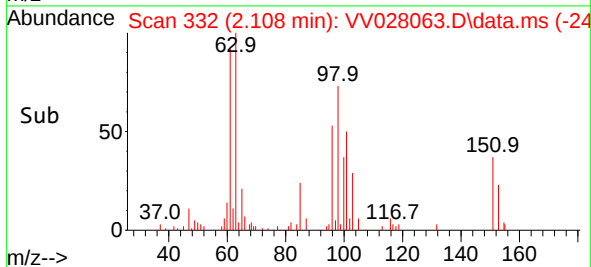
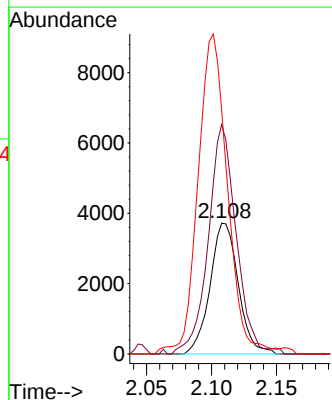
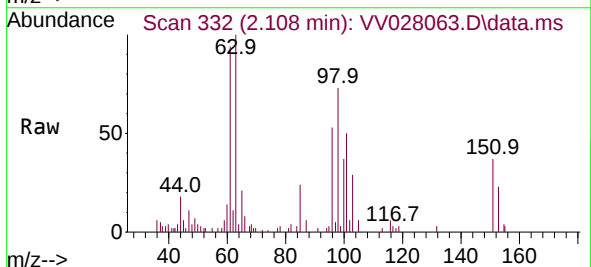
Tgt Ion: 96 Resp: 5623

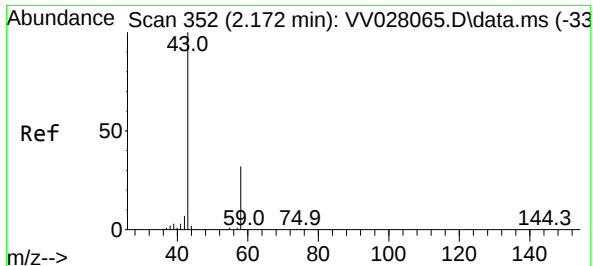
Ion Ratio Lower Upper

96 100

61 175.5 128.3 238.3

63 187.0 112.7 209.3





#13

Acetone

Concen: 9.809 ug/L

RT: 2.178 min Scan# 352

Delta R.T. 0.006 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

Instrument :

MSVOA_V

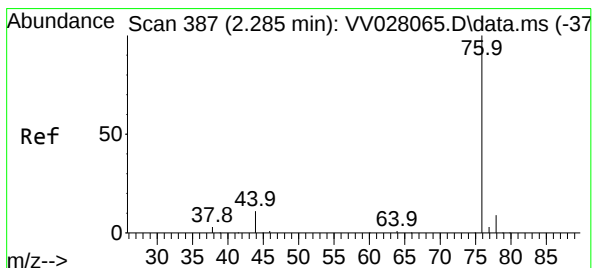
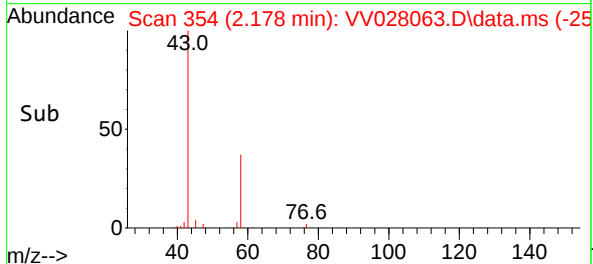
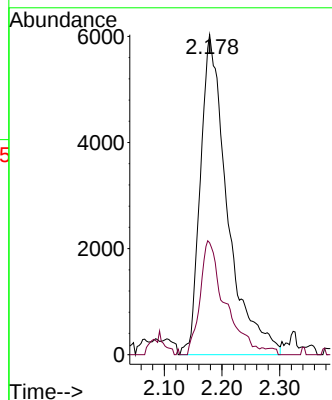
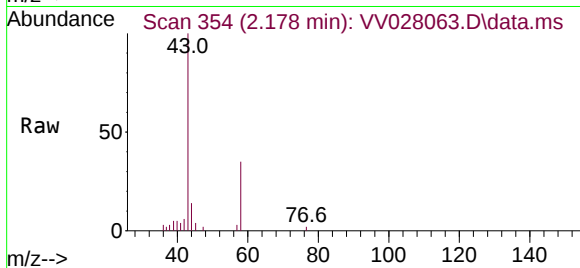
ClientSampleId :

Tgt Ion: 43 Resp: 19613

Ion Ratio Lower Upper

43 100

58 32.5 0.0 65.6



#14

Carbon disulfide

Concen: 0.425 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV028063.D

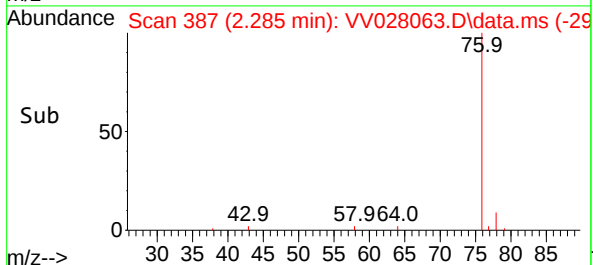
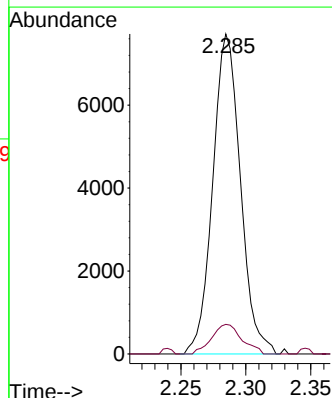
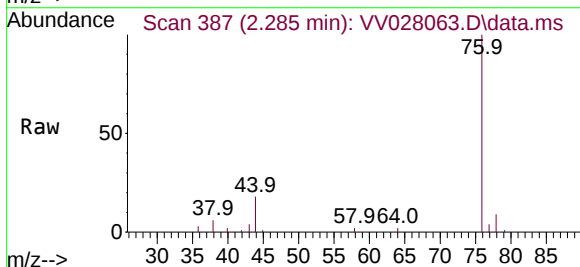
Acq: 22 Sep 2022 16:06

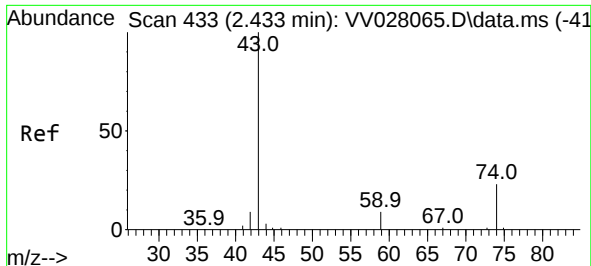
Tgt Ion: 76 Resp: 11409

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4

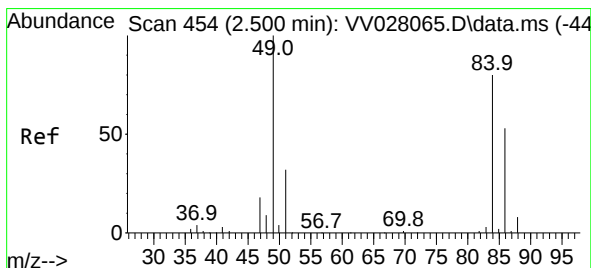
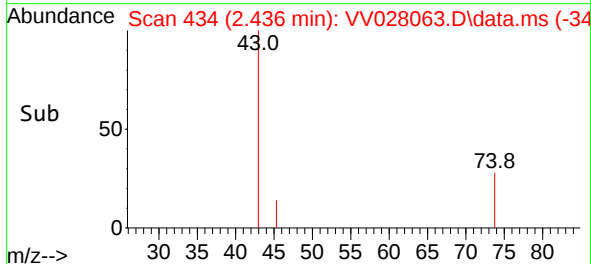
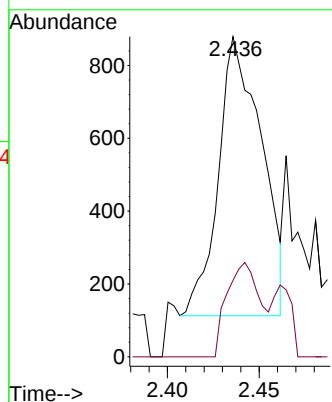
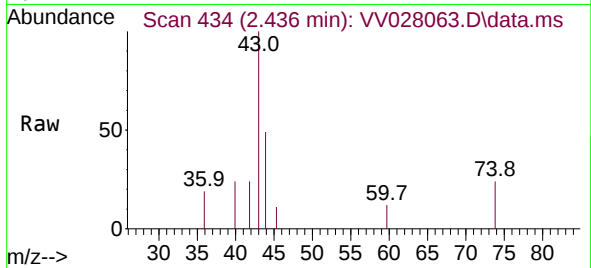




#15
Methyl Acetate
Concen: 0.290 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

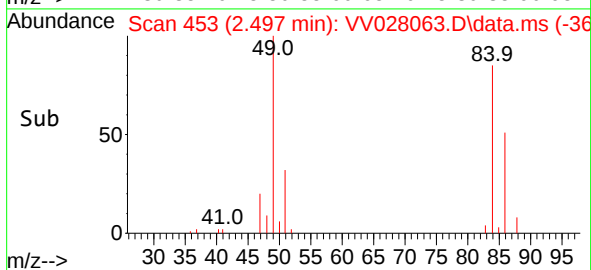
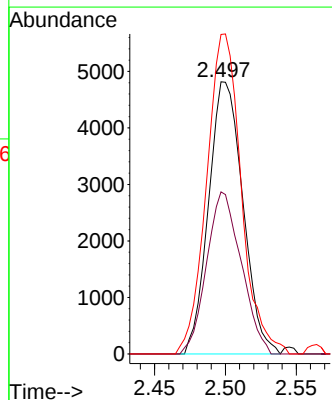
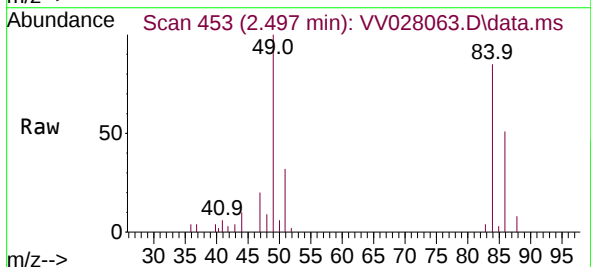
Instrument :
MSVOA_V
ClientSampleId :

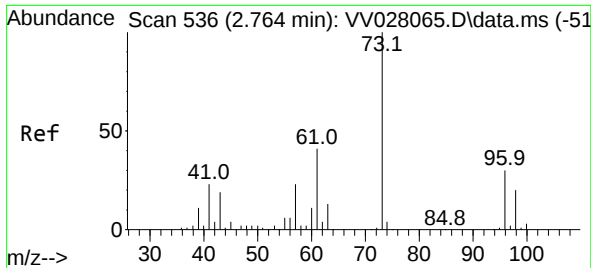
Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
74 26.1 16.9 25.3#



#16
Methylene chloride
Concen: 0.547 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

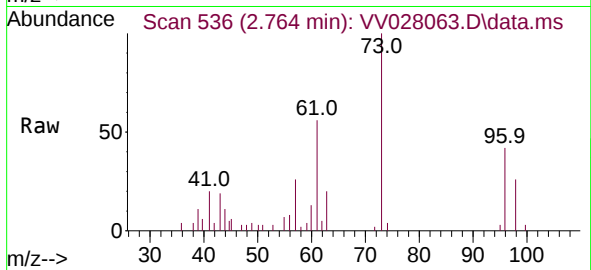
Tgt Ion: 84 Resp: 8103
Ion Ratio Lower Upper
84 100
86 59.6 46.8 86.8
49 117.4 87.5 162.5



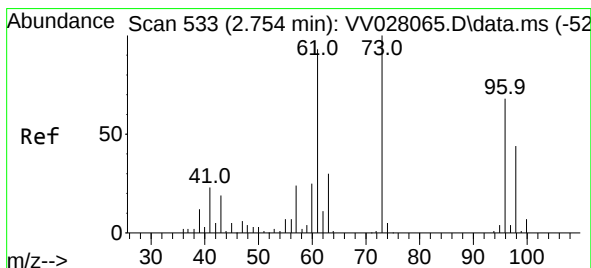
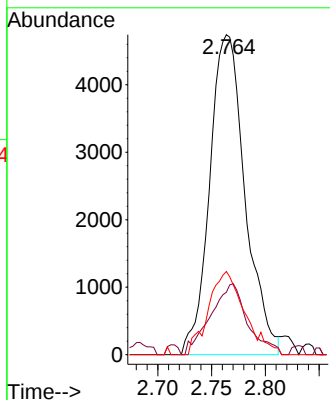
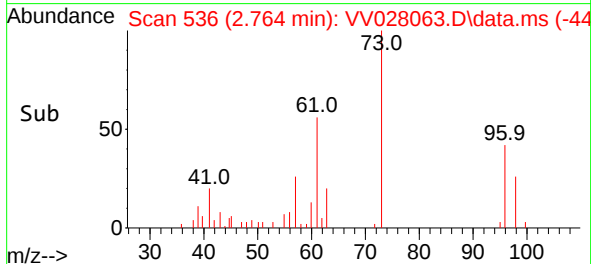


#17
Methyl tert-butyl Ether
Concen: 0.431 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

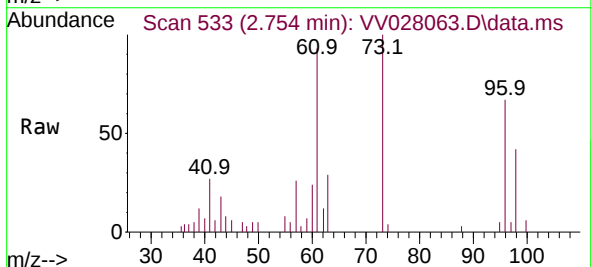
Instrument :
MSVOA_V
ClientSampleId :



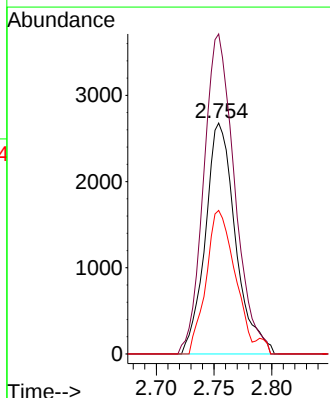
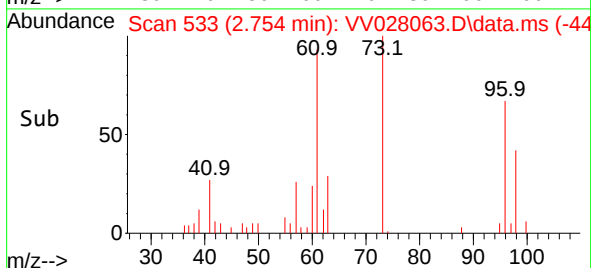
Tgt Ion: 73 Resp: 10863
Ion Ratio Lower Upper
73 100
43 23.2 15.7 23.5
57 26.6 17.8 26.8

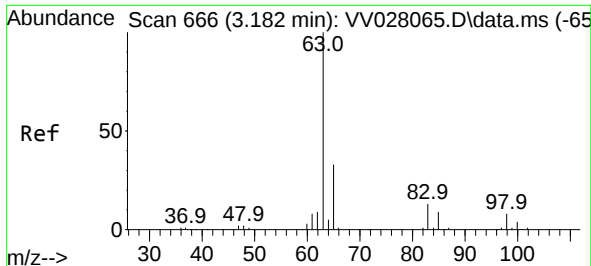


#18
trans-1,2-Dichloroethene
Concen: 0.391 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.000 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06



Tgt Ion: 96 Resp: 4865
Ion Ratio Lower Upper
96 100
61 138.6 96.2 178.6
98 62.2 45.7 84.9





#19

1,1-Dichloroethane

Concen: 0.438 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

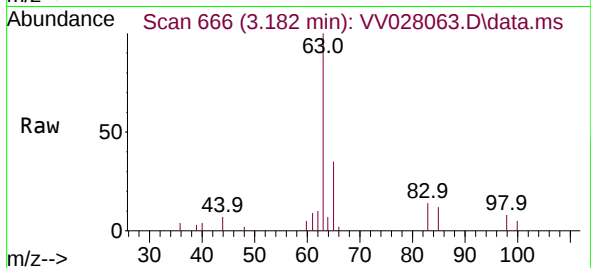
Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

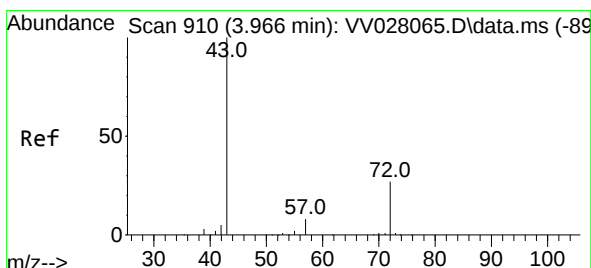
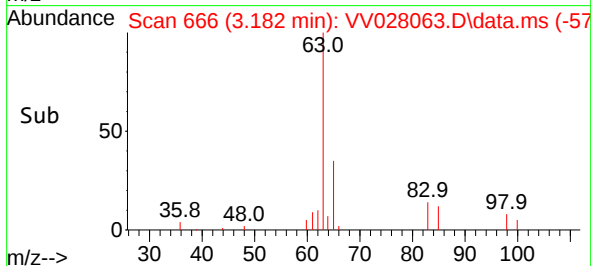
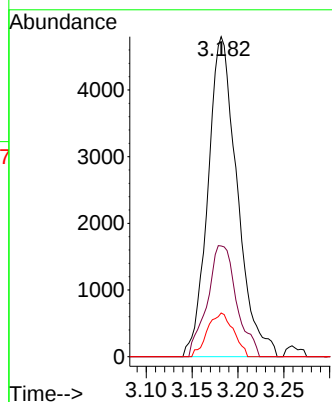
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	63	Resp:	10644
Ion	Ratio	Lower	Upper
63	100		
65	34.6	23.0	42.8
83	13.6	9.2	17.2



#21

2-Butanone

Concen: 5.950 ug/L

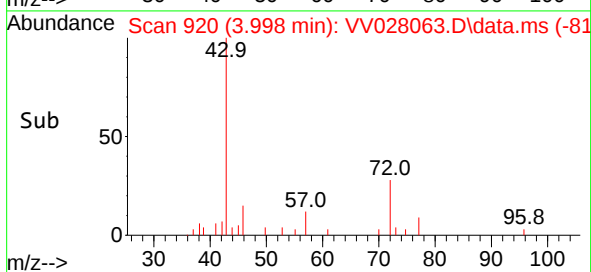
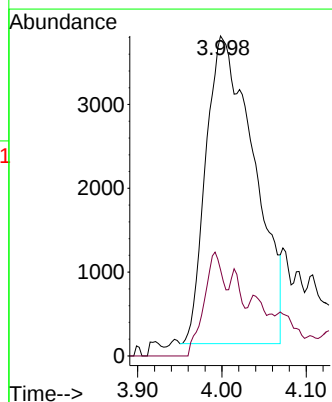
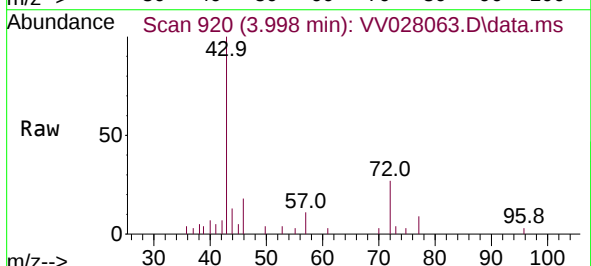
RT: 3.998 min Scan# 920

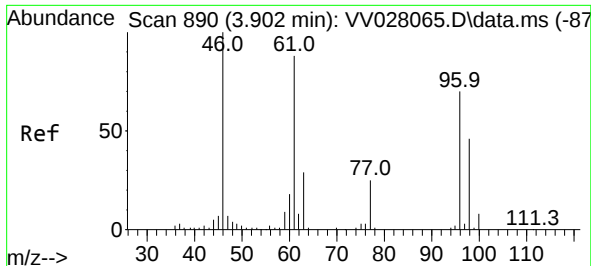
Delta R.T. 0.032 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

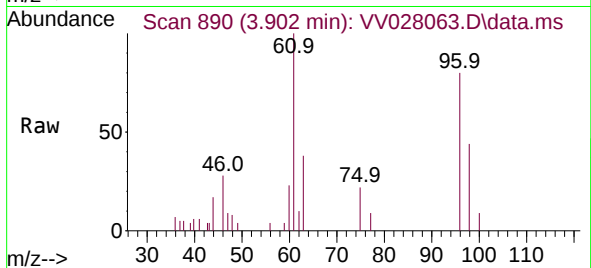
Tgt Ion:	43	Resp:	14538
Ion	Ratio	Lower	Upper
43	100		
72	13.7	12.7	38.1



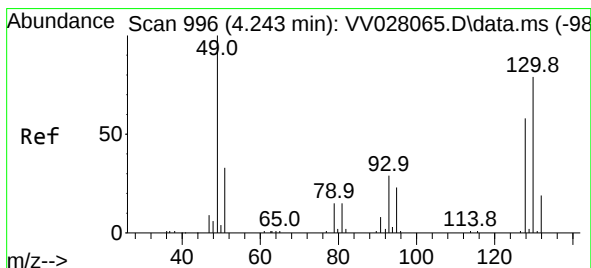
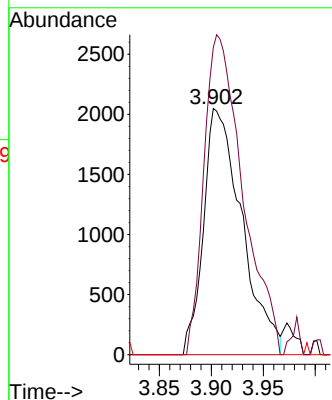
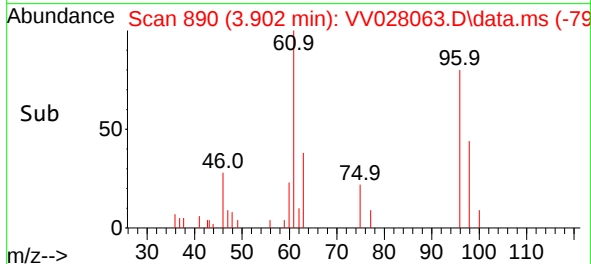


#22
 cis-1,2-Dichloroethene
 Concen: 0.374 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV028063.D
 Acq: 22 Sep 2022 16:06

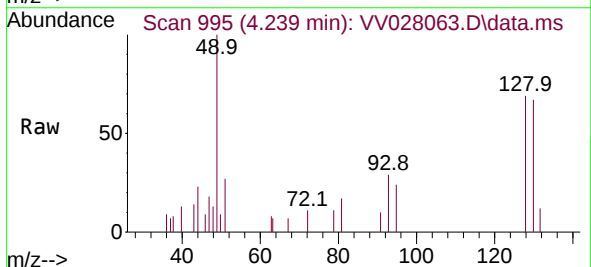
Instrument :
 MSVOA_V
 ClientSampleId :



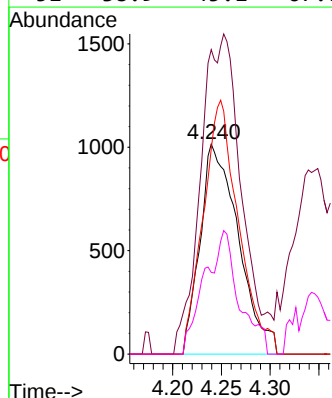
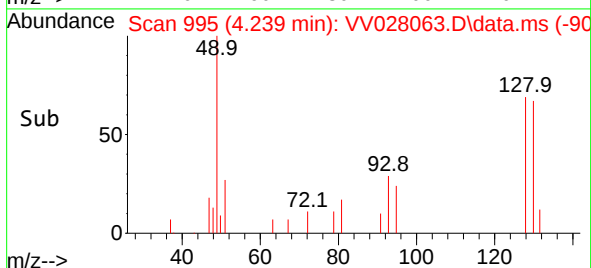
Tgt Ion: 96 Resp: 5247
 Ion Ratio Lower Upper
 96 100
 61 124.8 87.2 161.9
 68 0.0 0.0 0.0

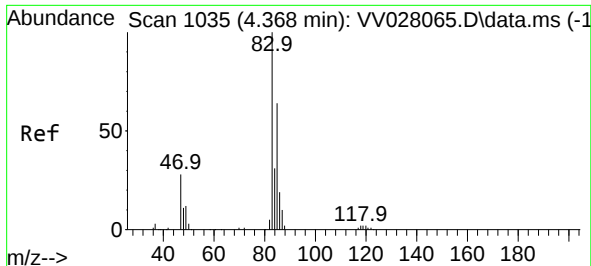


#23
 Bromochloromethane
 Concen: 0.441 ug/L
 RT: 4.239 min Scan# 995
 Delta R.T. -0.003 min
 Lab File: VV028063.D
 Acq: 22 Sep 2022 16:06



Tgt Ion: 128 Resp: 2770
 Ion Ratio Lower Upper
 128 100
 49 158.4 119.9 222.7
 130 97.6 94.6 175.8
 51 38.9 45.1 67.7#





#25

Chloroform

Concen: 0.432 ug/L

RT: 4.371 min Scan# 11536

Delta R.T. 0.003 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

Instrument :

MSVOA_V

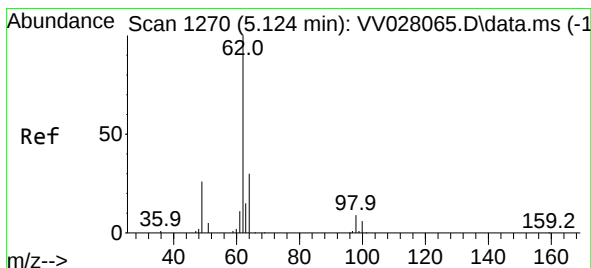
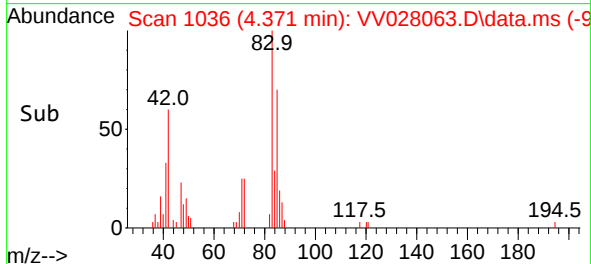
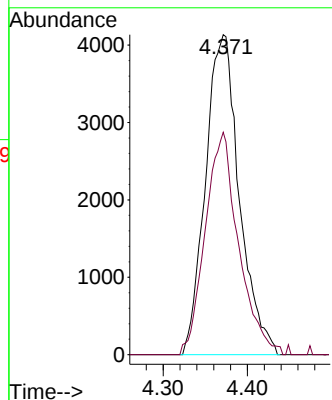
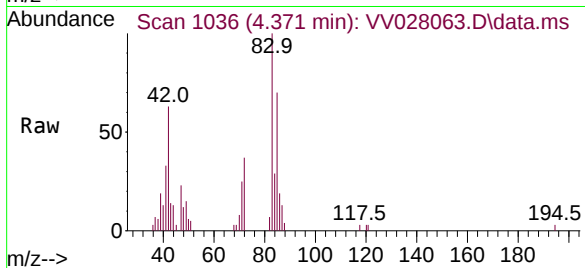
ClientSampleId :

Tgt Ion: 83 Resp: 11536

Ion Ratio Lower Upper

83 100

85 69.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 0.450 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.009 min

Lab File: VV028063.D

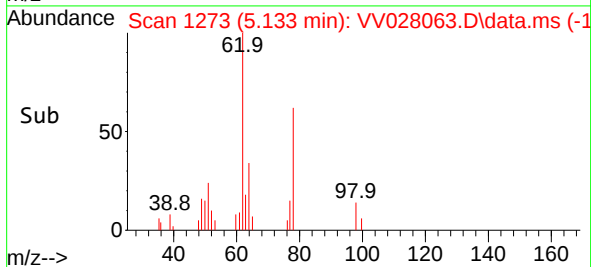
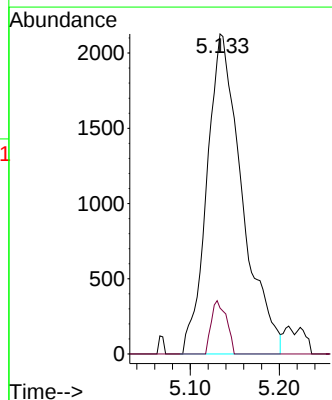
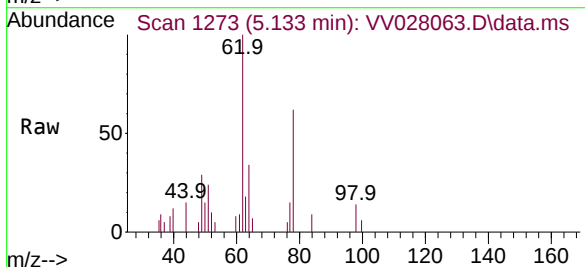
Acq: 22 Sep 2022 16:06

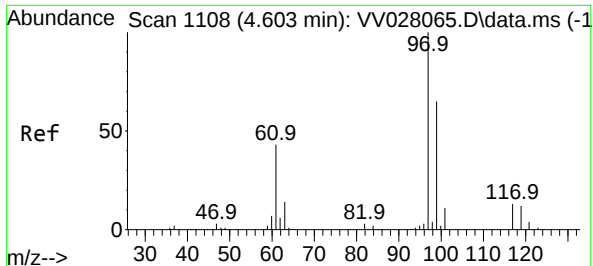
Tgt Ion: 62 Resp: 5830

Ion Ratio Lower Upper

62 100

98 14.3 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 0.489 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV028063.D

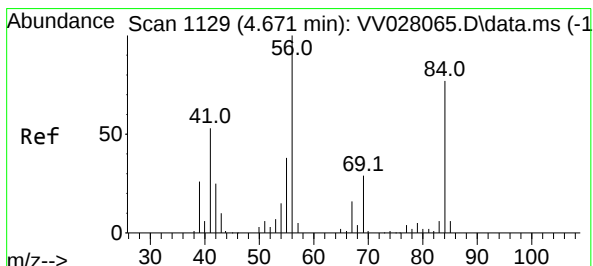
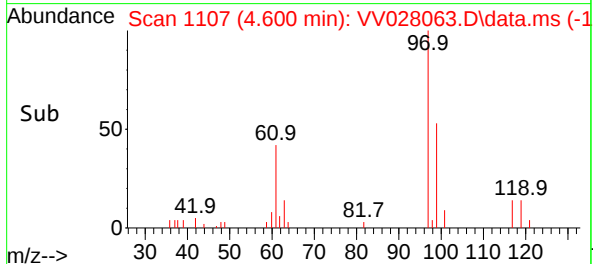
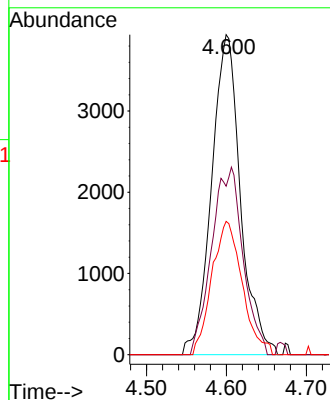
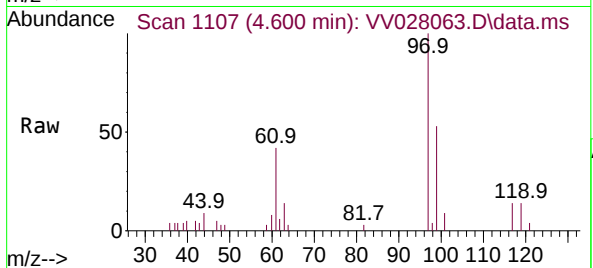
Acq: 22 Sep 2022 16:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 9881
Ion Ratio	Lower Upper
97 100	
99 63.7	51.9 77.9
61 43.8	34.8 52.2



#30

Cyclohexane

Concen: 0.448 ug/L

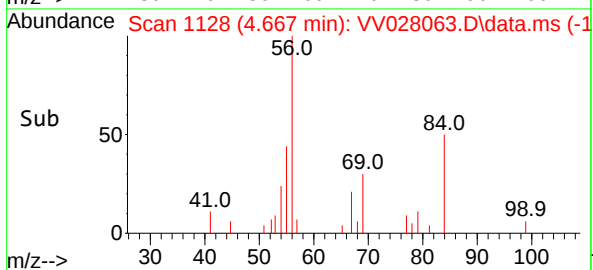
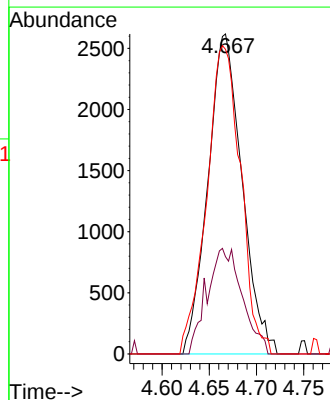
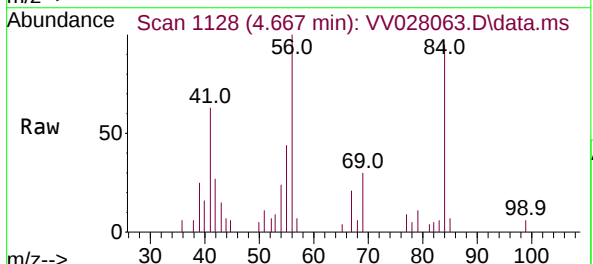
RT: 4.667 min Scan# 1128

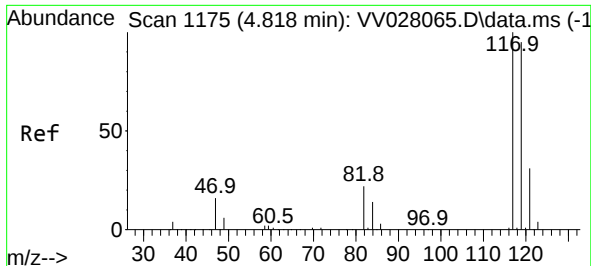
Delta R.T. -0.003 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

Tgt Ion: 56	Resp: 6556
Ion Ratio	Lower Upper
56 100	
69 34.1	23.7 35.5
84 95.6	67.3 100.9

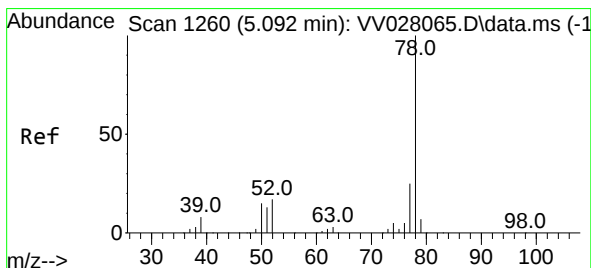
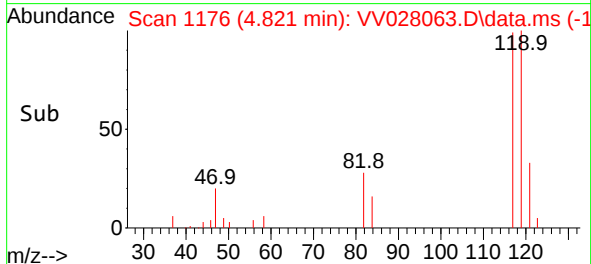
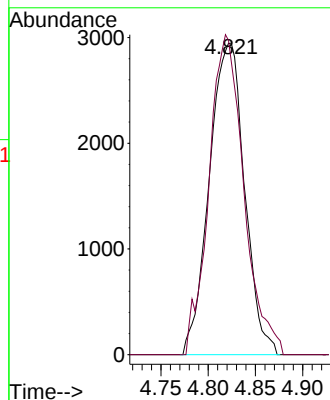
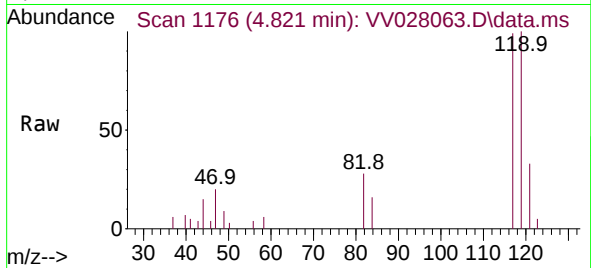




#31
Carbon tetrachloride
Concen: 0.429 ug/L
RT: 4.821 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

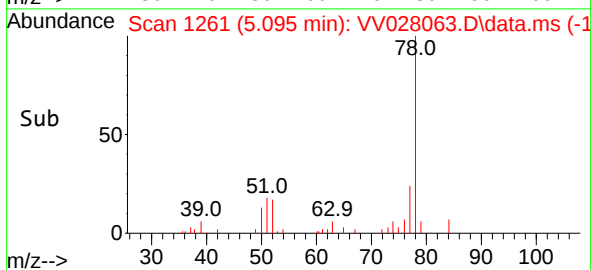
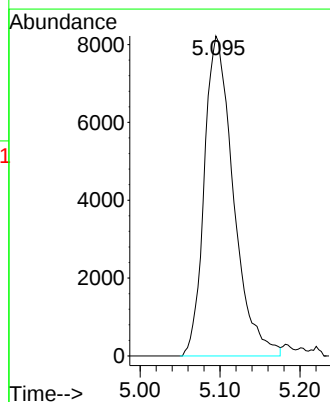
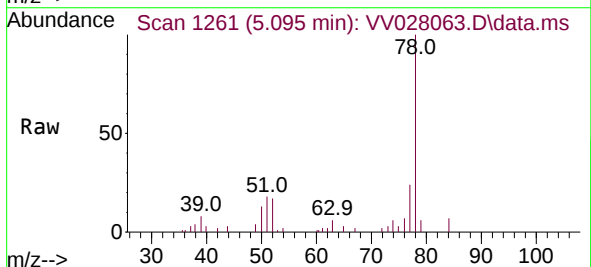
Instrument :
MSVOA_V
ClientSampleId :

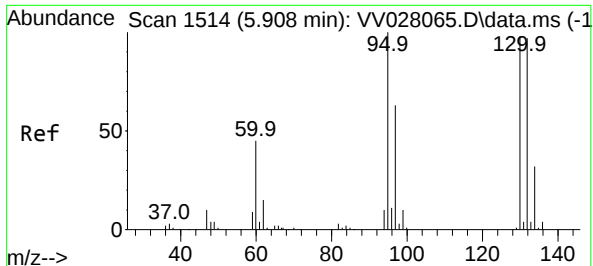
Tgt Ion:117 Resp: 7639
Ion Ratio Lower Upper
117 100
119 101.6 76.9 115.3



#33
Benzene
Concen: 0.425 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

Tgt Ion: 78 Resp: 20816

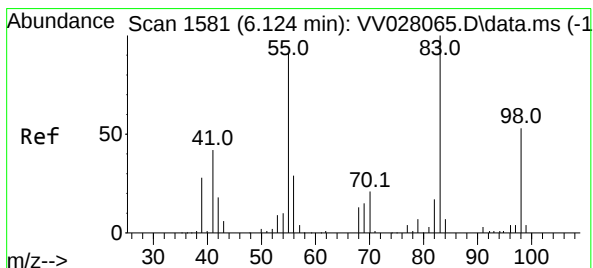
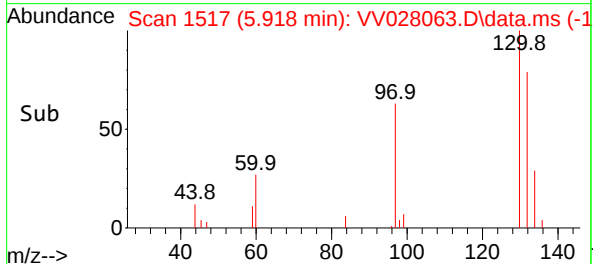
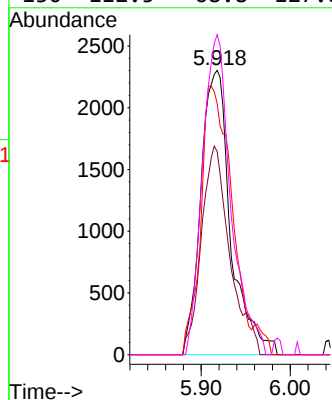
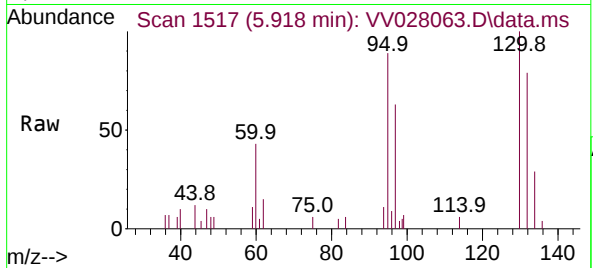




#34
Trichloroethene
Concen: 0.442 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.009 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

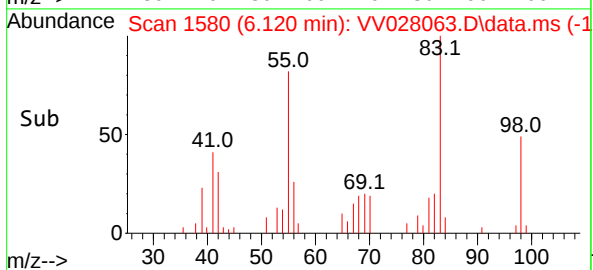
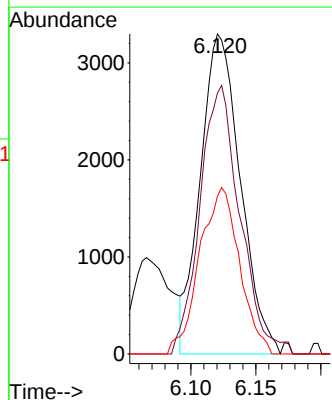
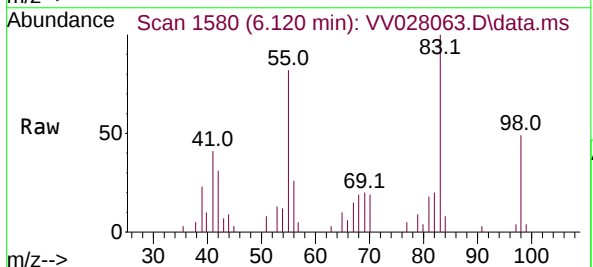
Instrument :
MSVOA_V
ClientSampleId :

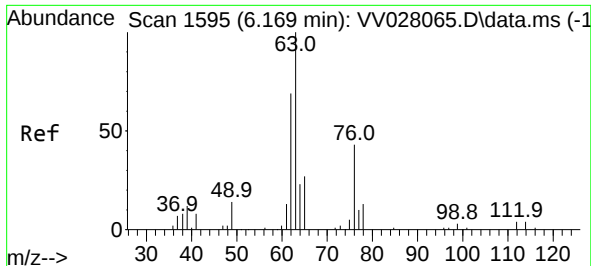
Tgt Ion: 95 Resp: 5386
Ion Ratio Lower Upper
95 100
97 71.4 44.2 82.0
132 88.4 67.8 126.0
130 112.5 68.8 127.8



#35
Methylcyclohexane
Concen: 0.411 ug/L
RT: 6.120 min Scan# 1580
Delta R.T. -0.003 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

Tgt Ion: 83 Resp: 7078
Ion Ratio Lower Upper
83 100
55 83.8 64.7 97.1
98 51.8 39.5 59.3





#37

1,2-Dichloropropane

Concen: 0.498 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

Instrument :

MSVOA_V

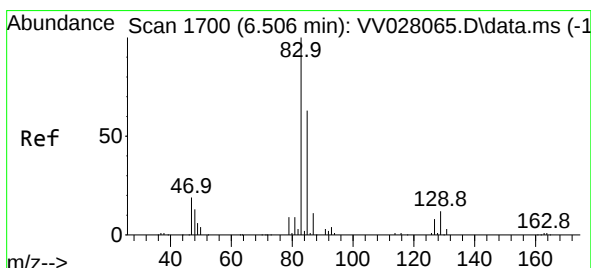
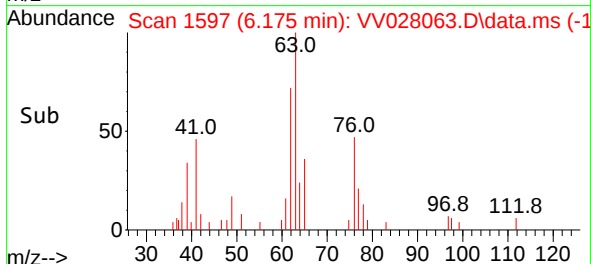
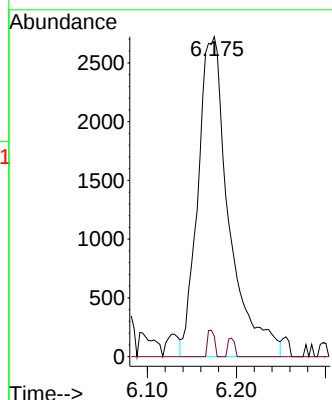
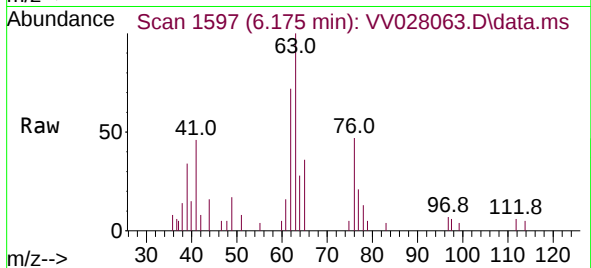
ClientSampleId :

Tgt Ion: 63 Resp: 6576

Ion Ratio Lower Upper

63 100

112 1.8 3.5 5.3#



#38

Bromodichloromethane

Concen: 0.441 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

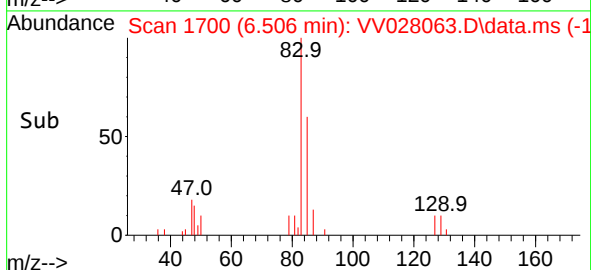
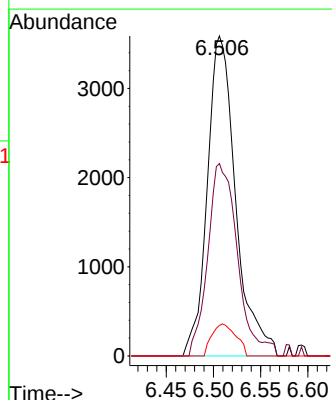
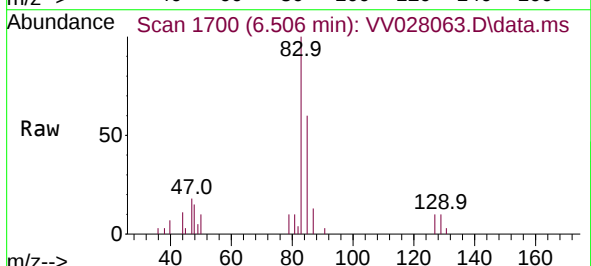
Tgt Ion: 83 Resp: 7497

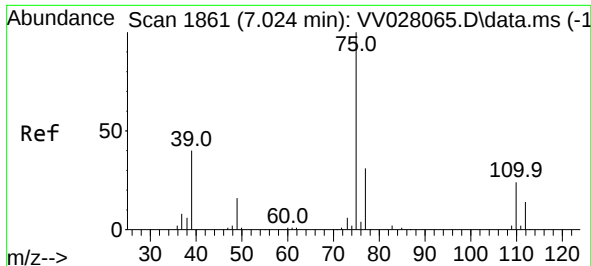
Ion Ratio Lower Upper

83 100

85 60.2 43.8 81.4

127 9.6 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 0.435 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. 0.006 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

Instrument :

MSVOA_V

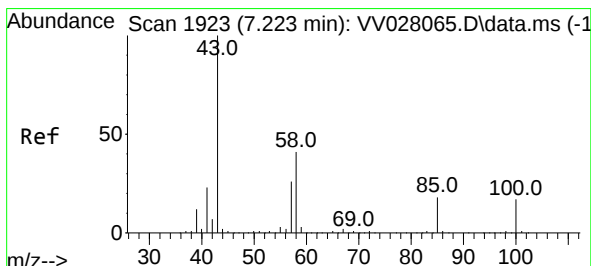
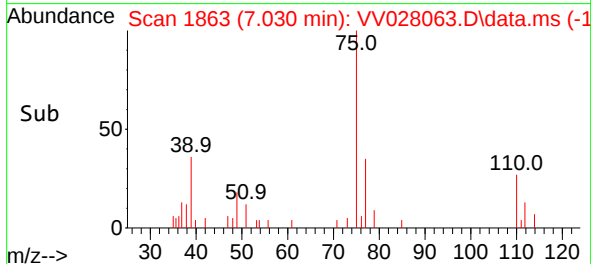
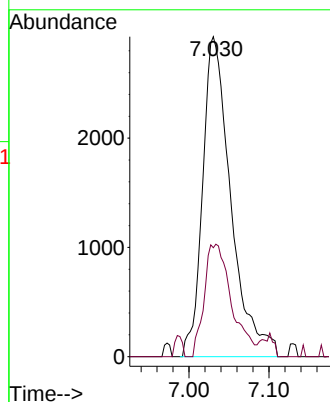
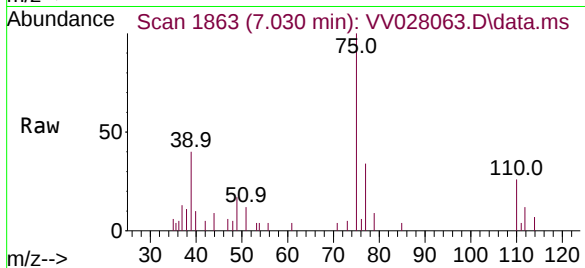
ClientSampleId :

Tgt Ion: 75 Resp: 7198

Ion Ratio Lower Upper

75 100

77 34.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 3.751 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

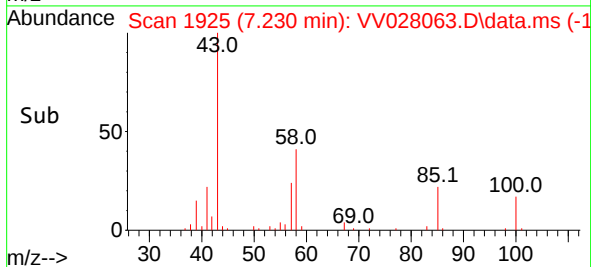
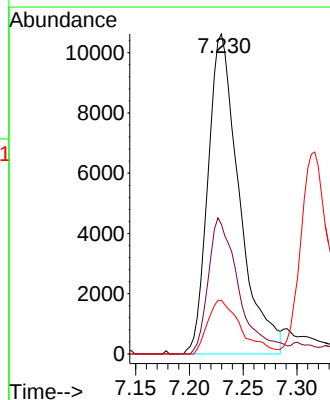
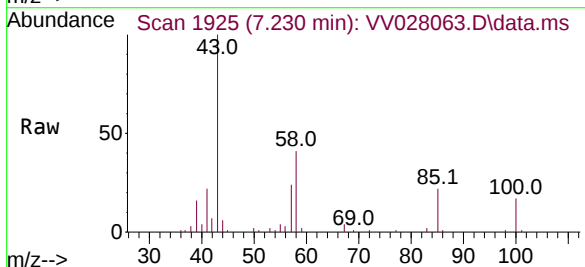
Tgt Ion: 43 Resp: 21520

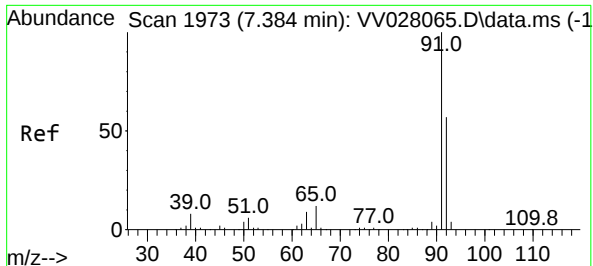
Ion Ratio Lower Upper

43 100

58 41.8 32.2 48.4

100 17.9 12.7 19.1





#42

Toluene

Concen: 0.406 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

Instrument :

MSVOA_V

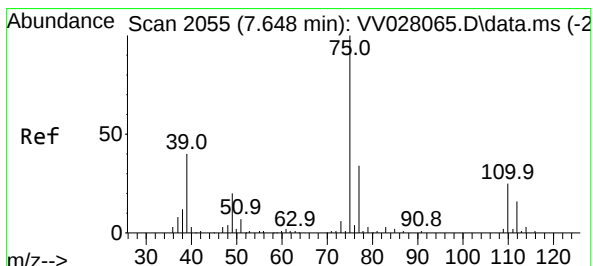
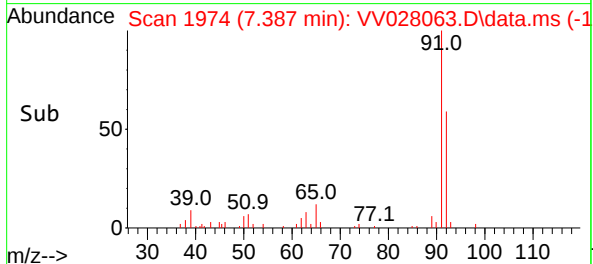
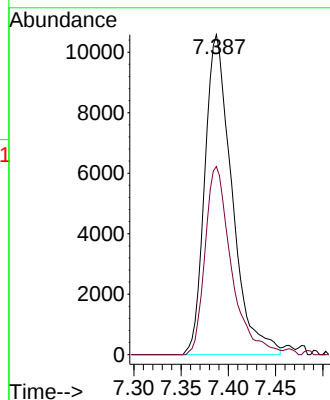
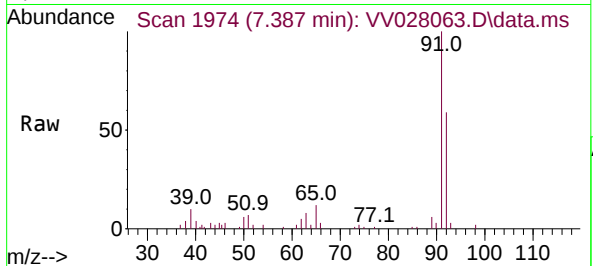
ClientSampleId :

Tgt Ion: 91 Resp: 21121

Ion Ratio Lower Upper

91 100

92 58.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 0.380 ug/L

RT: 7.661 min Scan# 2059

Delta R.T. 0.013 min

Lab File: VV028063.D

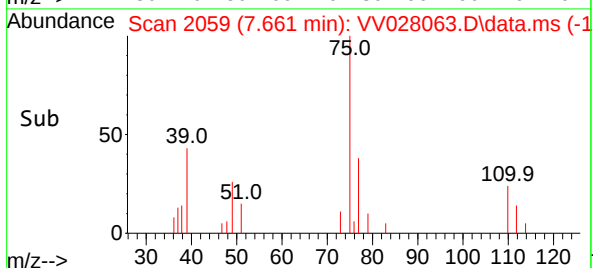
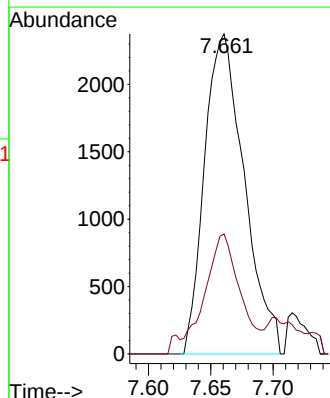
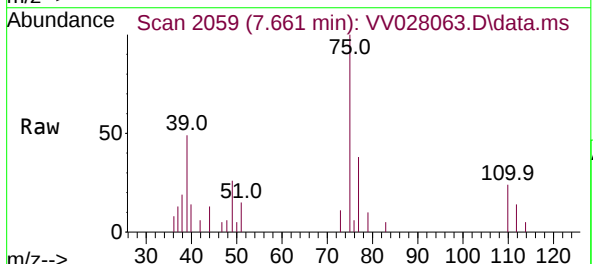
Acq: 22 Sep 2022 16:06

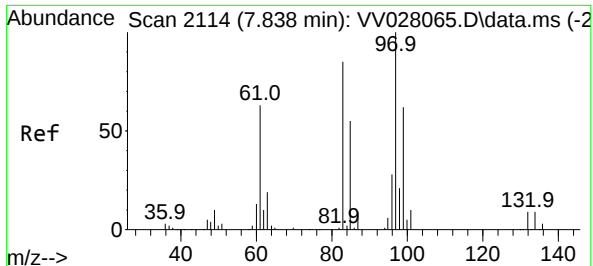
Tgt Ion: 75 Resp: 5273

Ion Ratio Lower Upper

75 100

77 37.5 23.9 44.3





#45

1,1,2-Trichloroethane

Concen: 0.389 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 3709

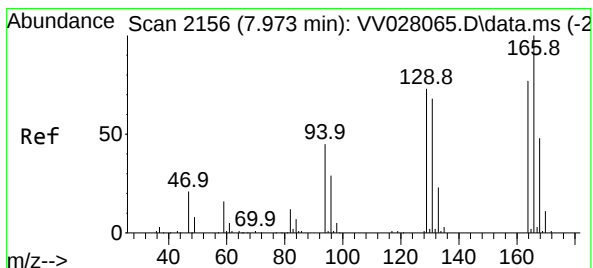
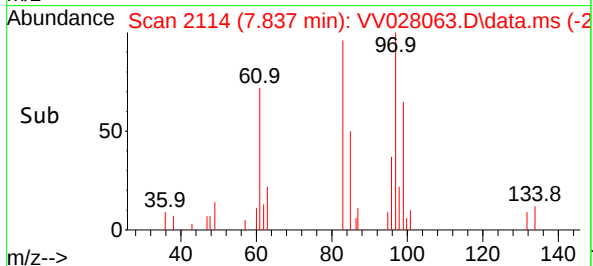
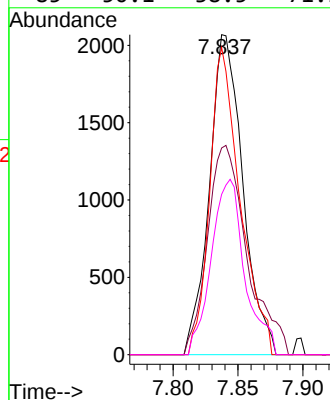
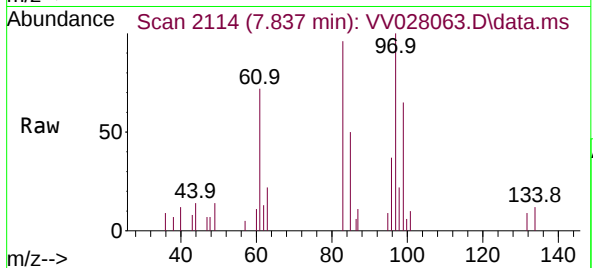
Ion Ratio Lower Upper

97 100

99 64.6 43.2 80.2

83 95.9 59.1 109.9

85 50.1 38.5 71.5



#47

Tetrachloroethene

Concen: 0.408 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

Tgt Ion:164 Resp: 4328

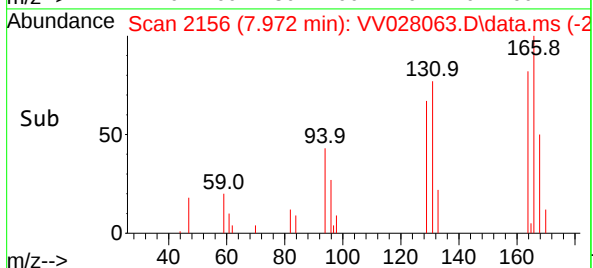
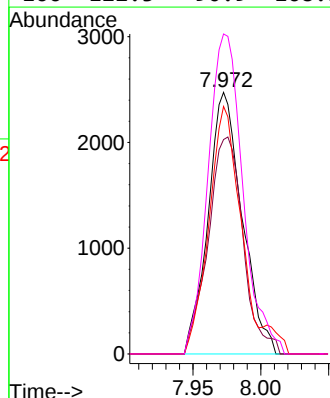
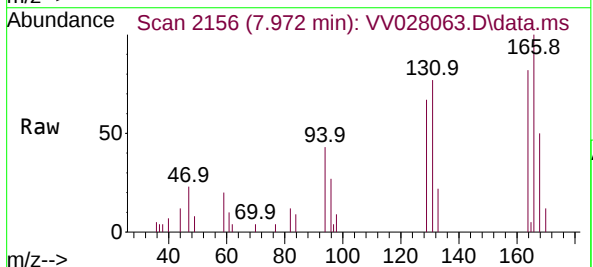
Ion Ratio Lower Upper

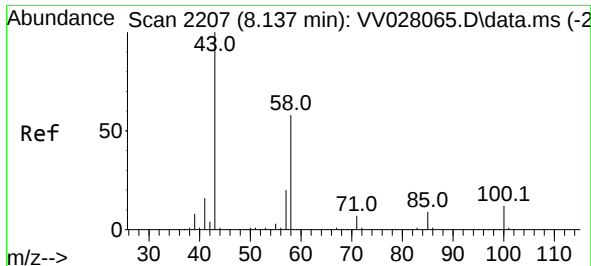
164 100

129 82.0 66.7 123.9

131 94.6 61.7 114.5

166 122.3 90.9 168.9

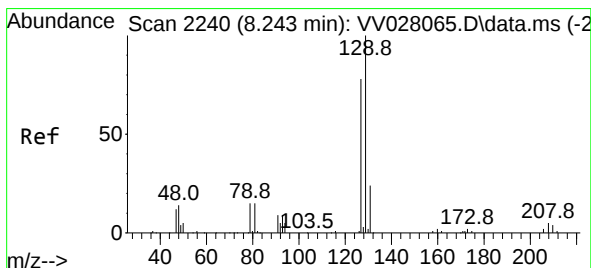
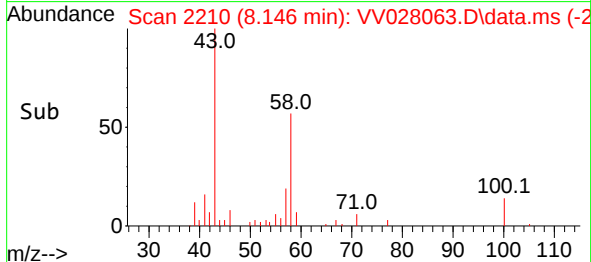
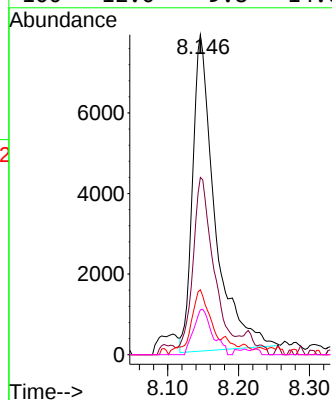
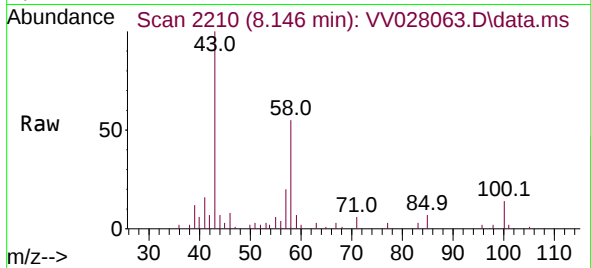




#48
2-Hexanone
Concen: 4.163 ug/L
RT: 8.146 min Scan# 2111
Delta R.T. 0.009 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

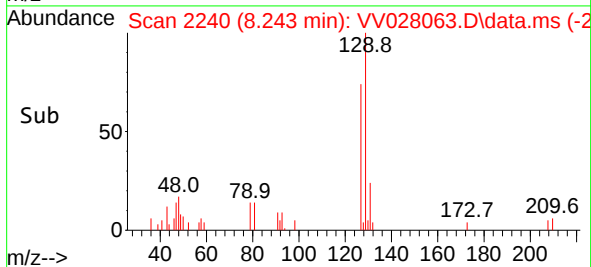
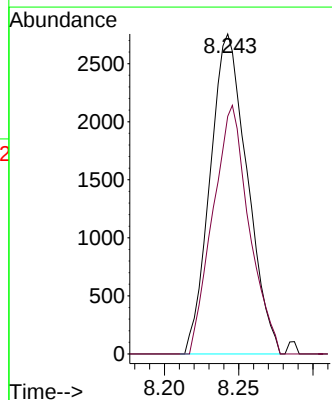
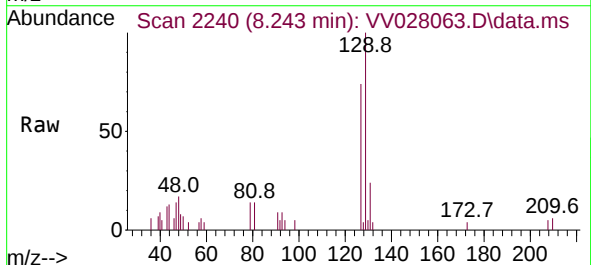
Instrument :
MSVOA_V
ClientSampleId :

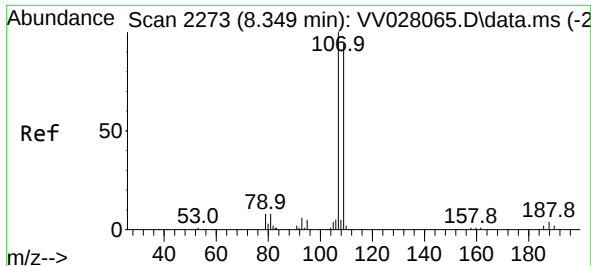
Tgt Ion: 43	Resp: 17111
Ion Ratio	Lower Upper
43	100
58	52.8 45.7 68.5
57	18.0 15.5 23.3
100	12.0 9.8 14.6



#49
Dibromochloromethane
Concen: 0.414 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

Tgt Ion: 129	Resp: 4792
Ion Ratio	Lower Upper
129	100
127	74.2 54.3 100.9





#50

1,2-Dibromoethane

Concen: 0.394 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

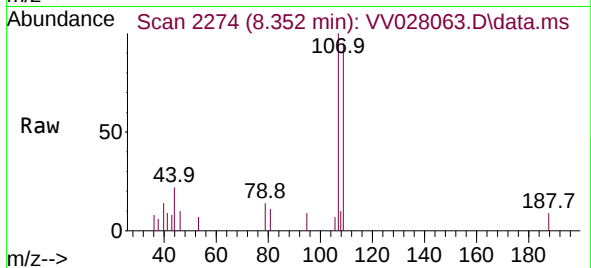
Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

Instrument :

MSVOA_V

ClientSampleId :



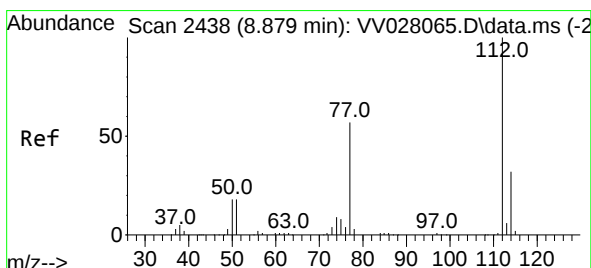
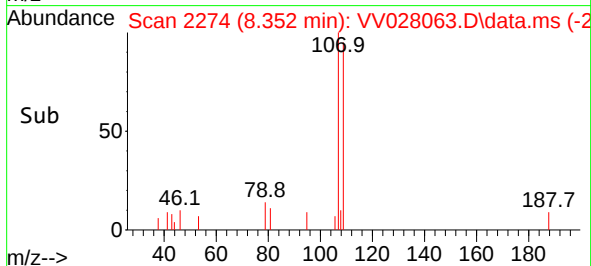
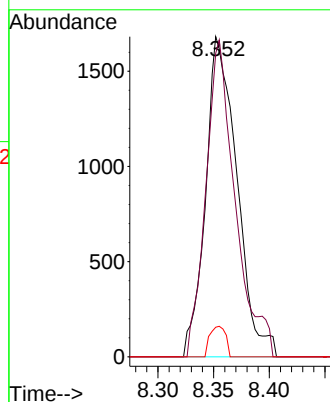
Tgt Ion:107 Resp: 3282

Ion Ratio Lower Upper

107 100

109 94.8 65.9 122.5

188 9.2 3.4 5.0#



#51

Chlorobenzene

Concen: 0.425 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

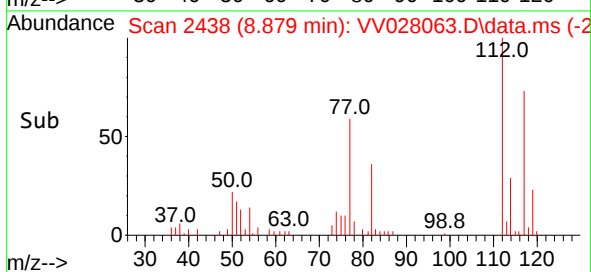
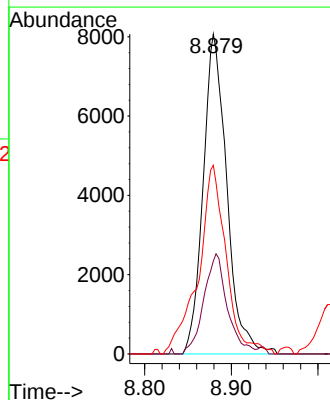
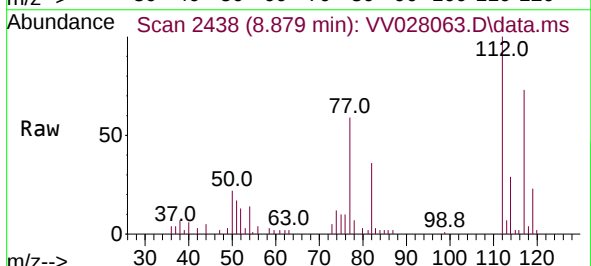
Tgt Ion:112 Resp: 15300

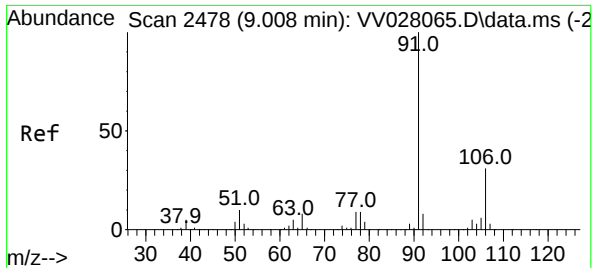
Ion Ratio Lower Upper

112 100

114 29.0 22.5 41.7

77 59.0 46.1 69.1

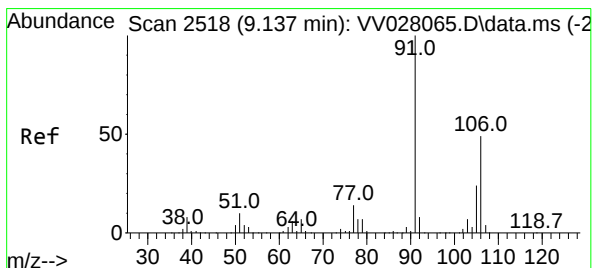
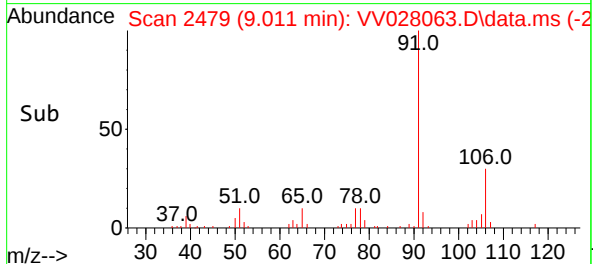
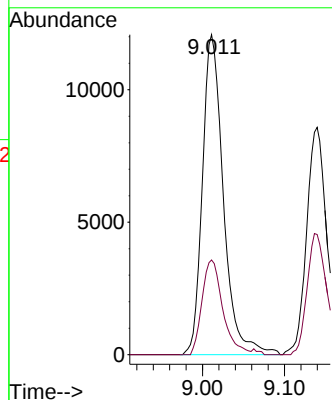
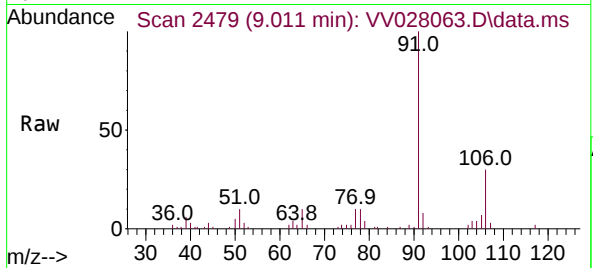




#52
Ethylbenzene
Concen: 0.398 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

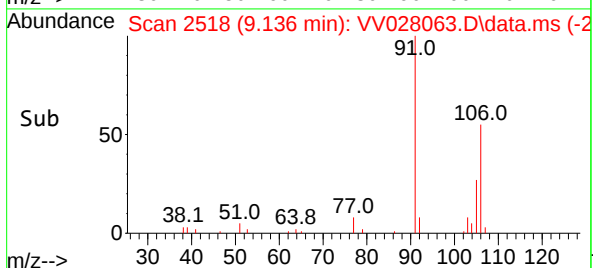
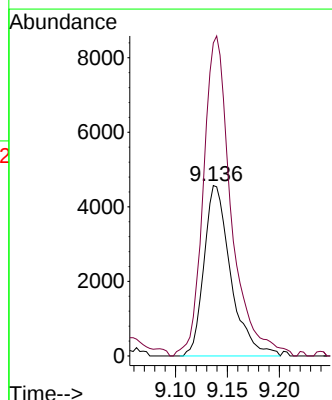
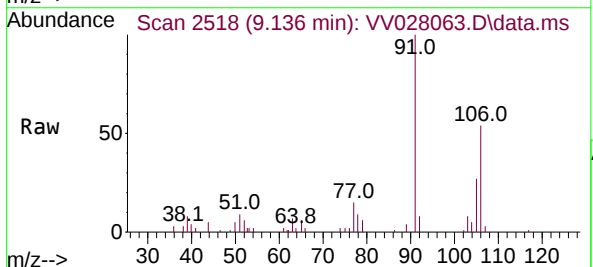
Instrument :
MSVOA_V
ClientSampleId :

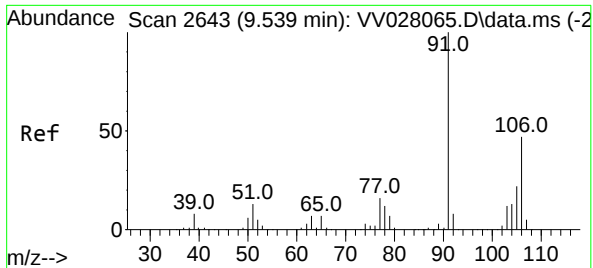
Tgt Ion: 91 Resp: 21494
Ion Ratio Lower Upper
91 100
106 29.6 21.5 39.9



#53
m,p-Xylene
Concen: 0.391 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

Tgt Ion: 106 Resp: 8168
Ion Ratio Lower Upper
106 100
91 183.7 141.9 263.5

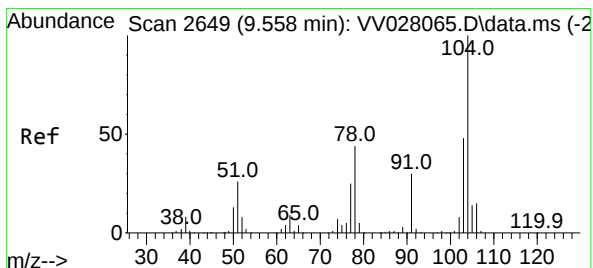
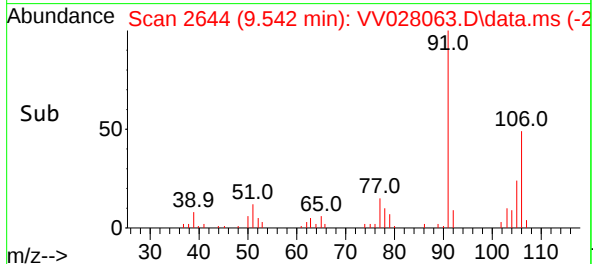
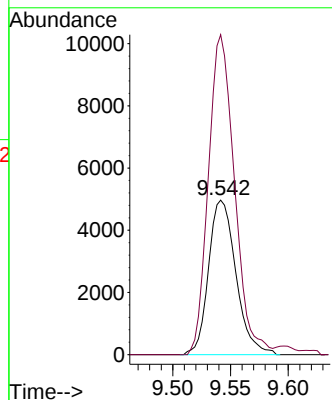
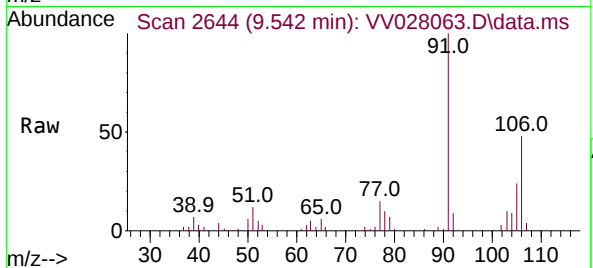




#54
o-Xylene
Concen: 0.393 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

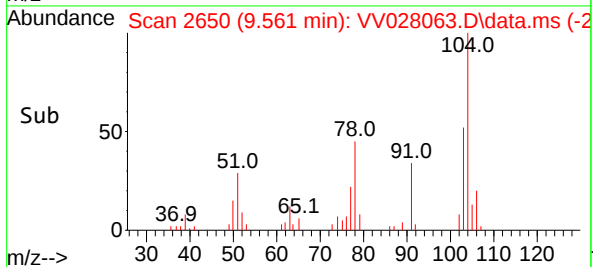
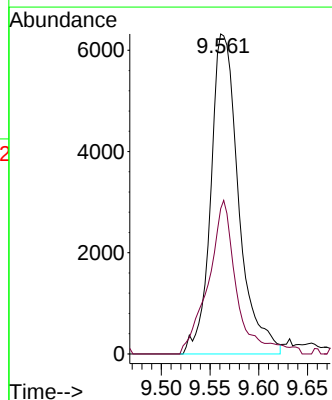
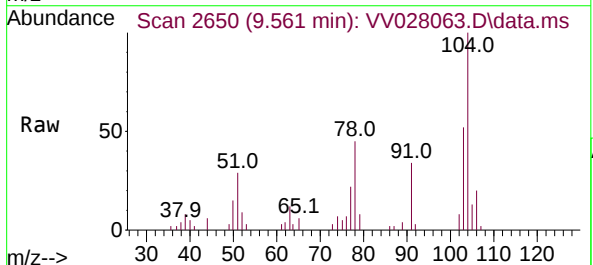
Instrument :
MSVOA_V
ClientSampleId :

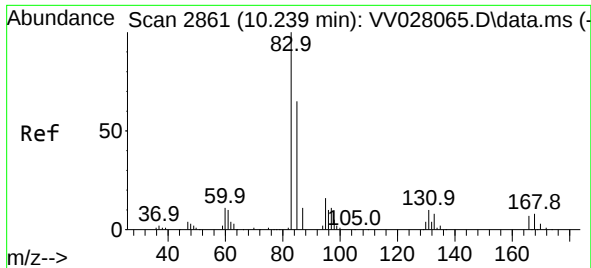
Tgt Ion:106 Resp: 8195
Ion Ratio Lower Upper
106 100
91 207.1 148.1 275.0



#55
Styrene
Concen: 0.347 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

Tgt Ion:104 Resp: 12575
Ion Ratio Lower Upper
104 100
78 45.4 31.0 57.6

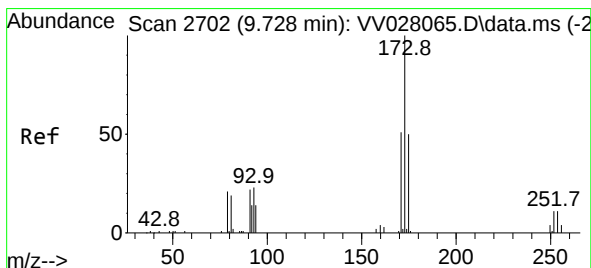
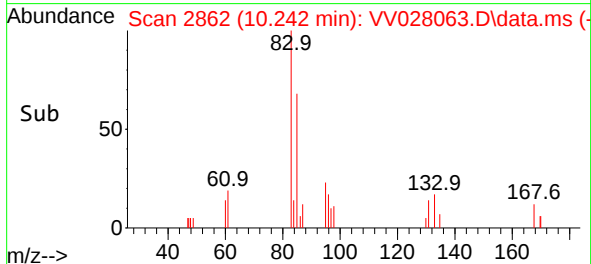
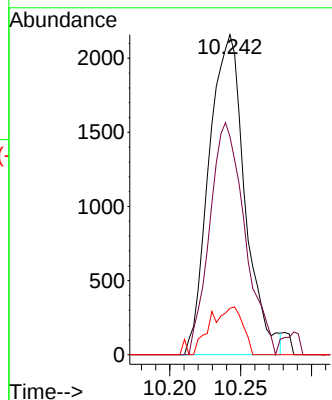
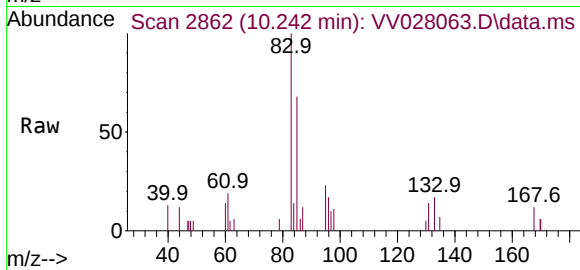




#57
1,1,2,2-Tetrachloroethane
Concen: 0.319 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

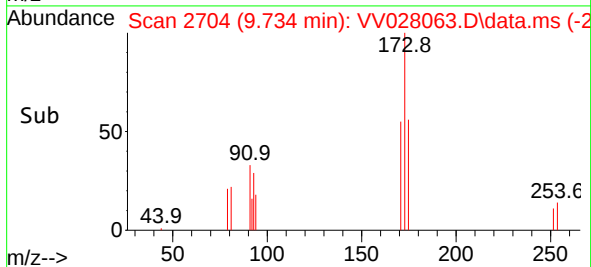
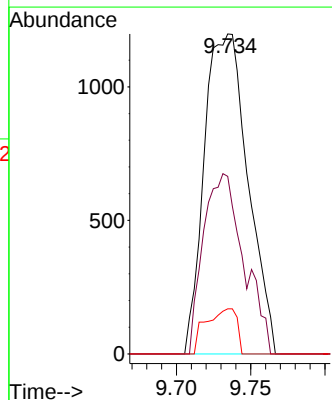
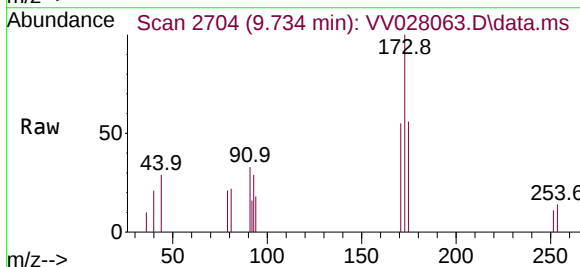
Instrument :
MSVOA_V
ClientSampleId :

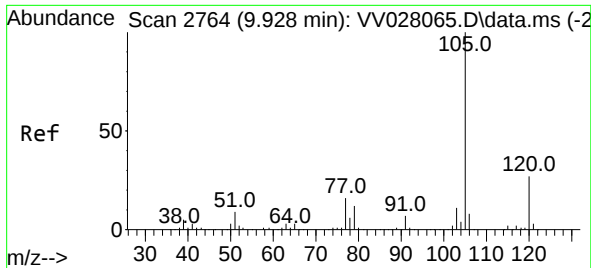
Tgt Ion: 83 Resp: 3814
Ion Ratio Lower Upper
83 100
85 68.1 45.2 84.0
131 14.5 7.8 11.8#



#59
Bromoform
Concen: 0.420 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.006 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

Tgt Ion: 173 Resp: 2449
Ion Ratio Lower Upper
173 100
175 52.1 39.0 58.4
254 10.0 8.7 13.1

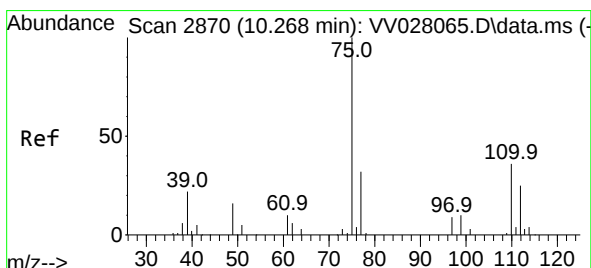
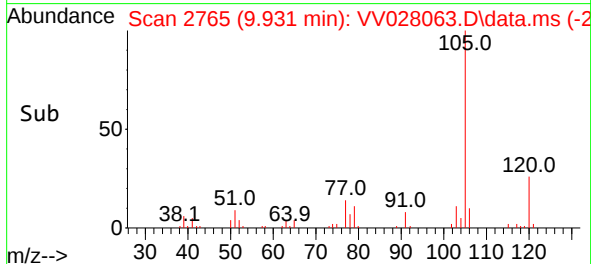
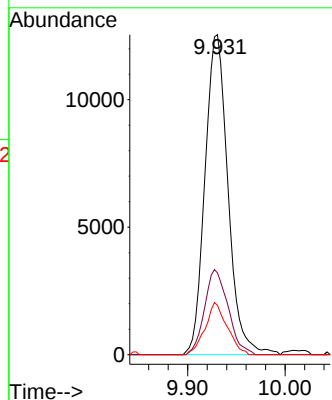
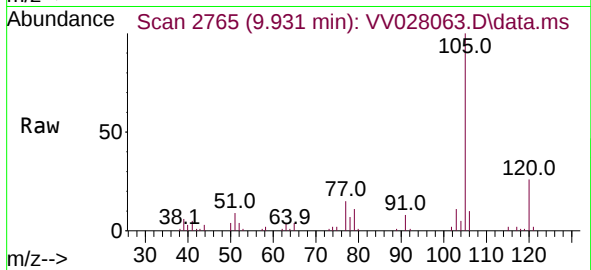




#60
Isopropylbenzene
Concen: 0.412 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

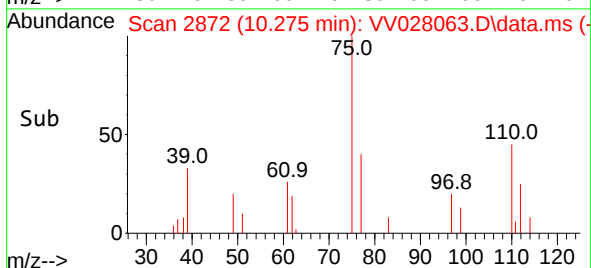
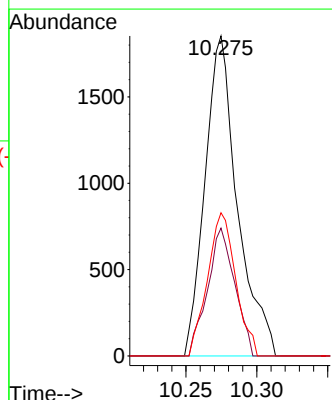
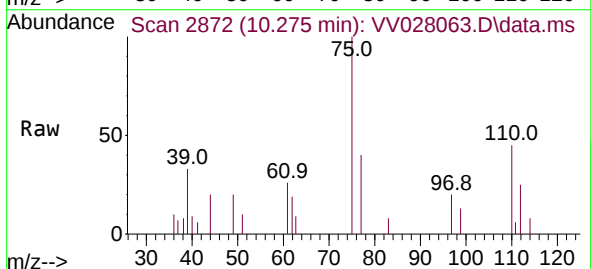
Instrument :
MSVOA_V
ClientSampleId :

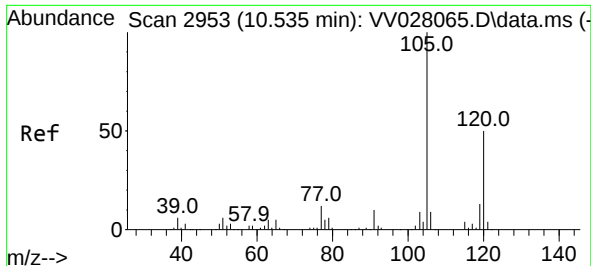
Tgt Ion:105 Resp: 20642
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.0
77 15.6 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 0.436 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.006 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

Tgt Ion: 75 Resp: 2939
Ion Ratio Lower Upper
75 100
77 33.7 26.7 40.1
110 39.0 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 0.465 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

Instrument :

MSVOA_V

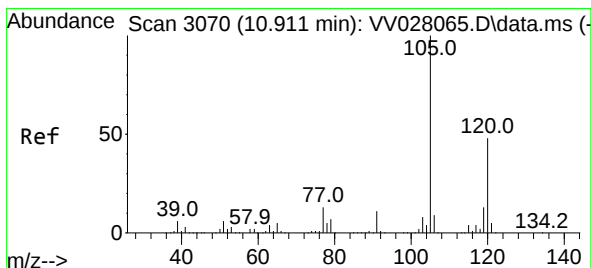
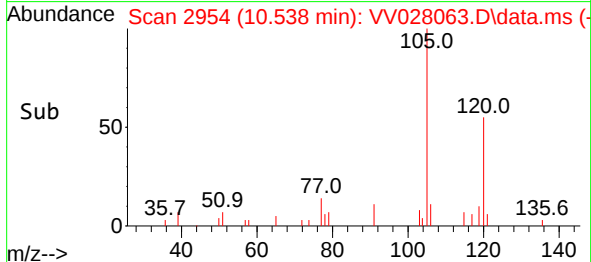
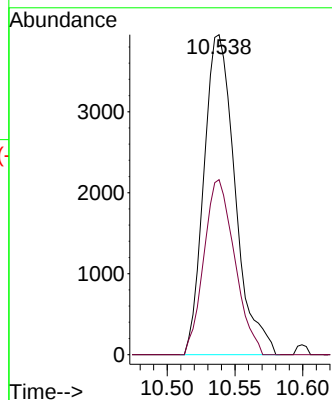
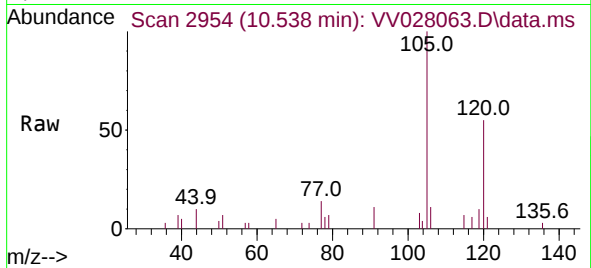
ClientSampleId :

Tgt Ion:105 Resp: 6309

Ion Ratio Lower Upper

105 100

120 54.0 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 0.403 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV028063.D

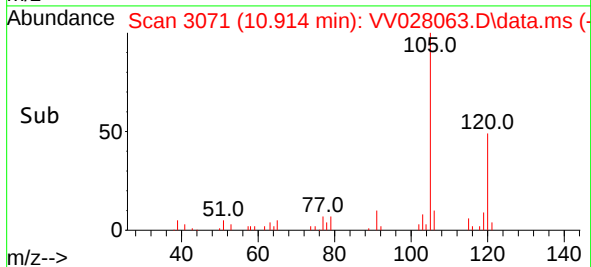
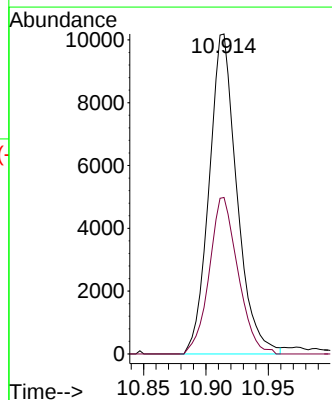
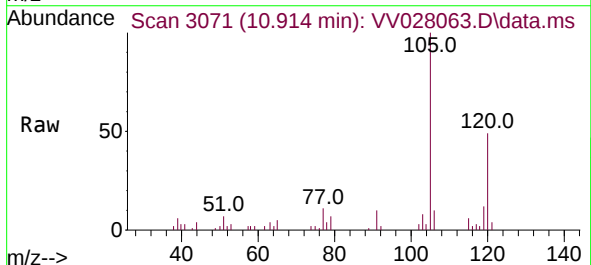
Acq: 22 Sep 2022 16:06

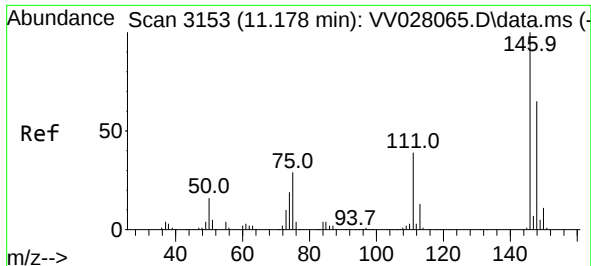
Tgt Ion:105 Resp: 15839

Ion Ratio Lower Upper

105 100

120 50.3 37.8 56.8

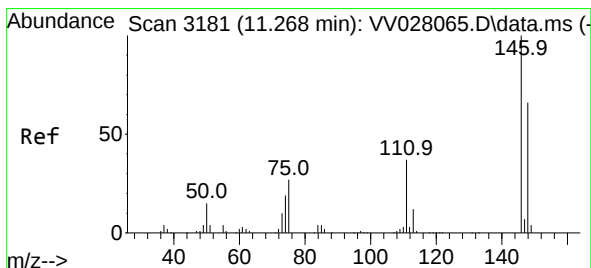
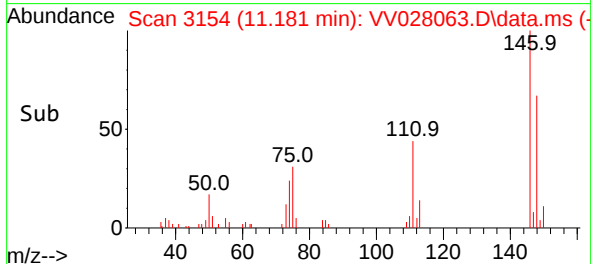
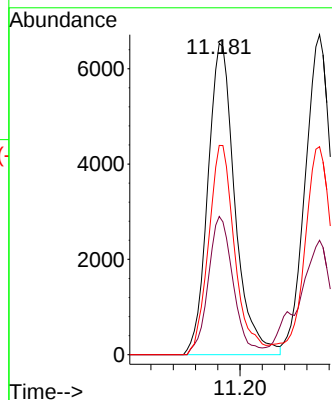
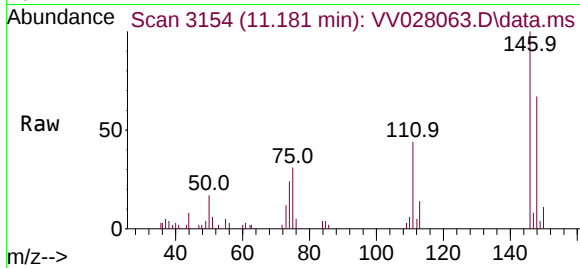




#64
1,3-Dichlorobenzene
Concen: 0.412 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

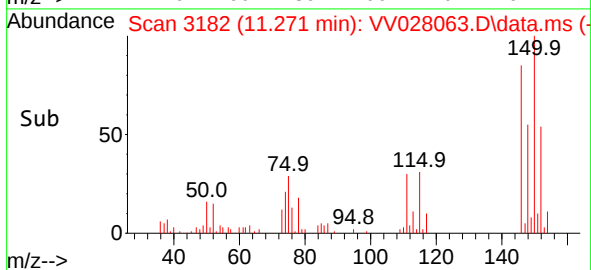
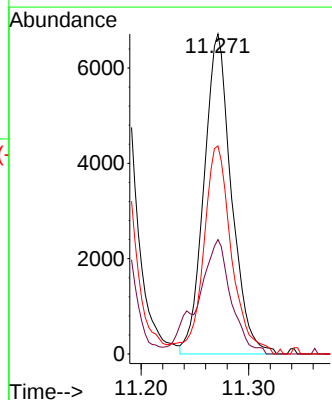
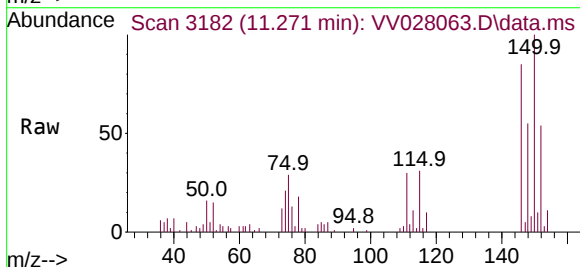
Instrument :
MSVOA_V
ClientSampleId :

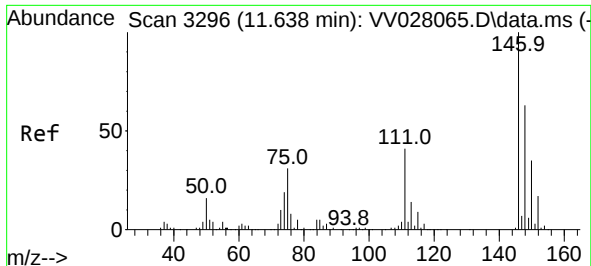
Tgt Ion:146 Resp: 11039
Ion Ratio Lower Upper
146 100
111 44.4 27.1 50.3
148 67.3 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 0.443 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

Tgt Ion:146 Resp: 11904
Ion Ratio Lower Upper
146 100
111 35.7 26.2 48.8
148 65.0 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 0.431 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

Instrument :

MSVOA_V

ClientSampleId :

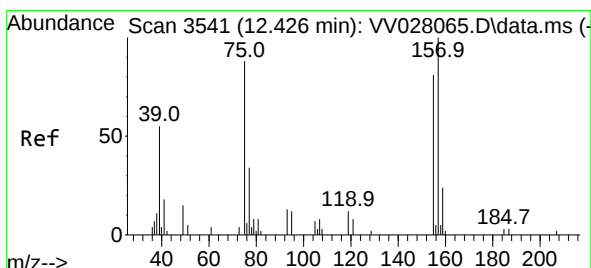
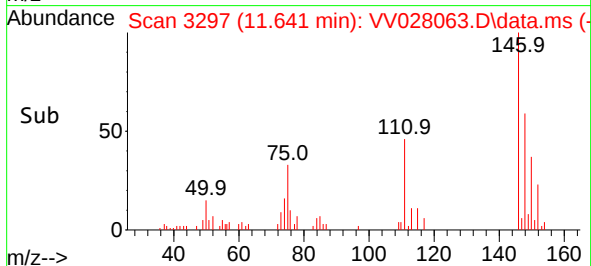
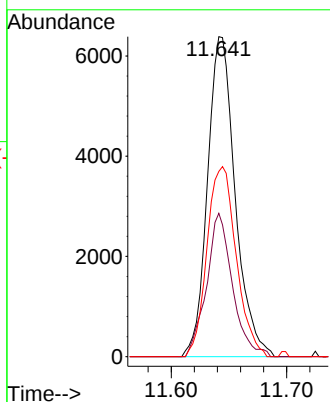
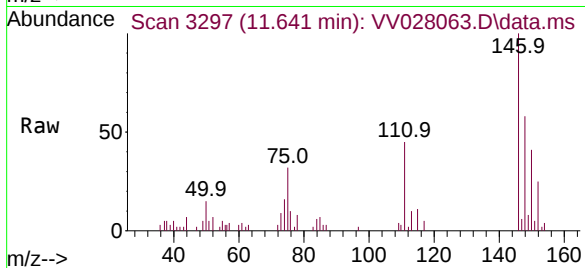
Tgt Ion:146 Resp: 10643

Ion Ratio Lower Upper

146 100

111 44.8 32.6 49.0

148 57.9 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 0.518 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. -0.007 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

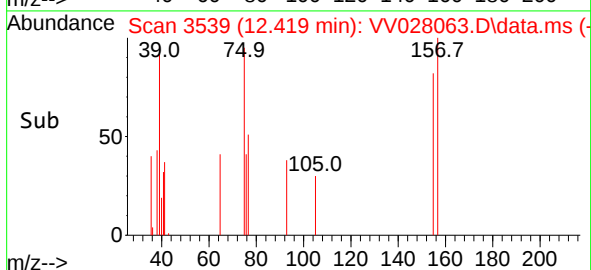
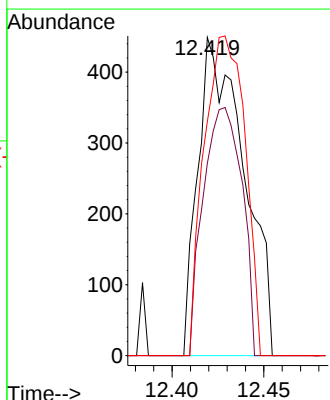
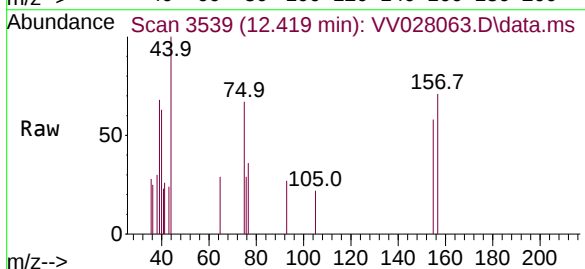
Tgt Ion: 75 Resp: 783

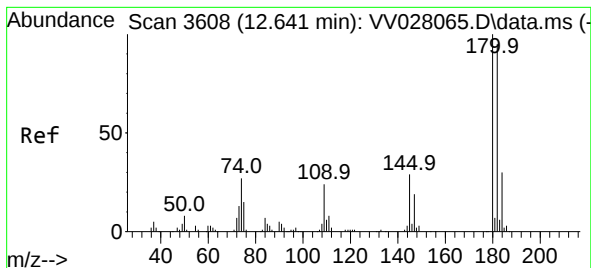
Ion Ratio Lower Upper

75 100

155 60.4 73.6 110.4#

157 73.5 90.7 136.1#





#69

1,3,5-Trichlorobenzene

Concen: 0.426 ug/L

RT: 12.644 min Scan# 30

Delta R.T. 0.003 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 9087

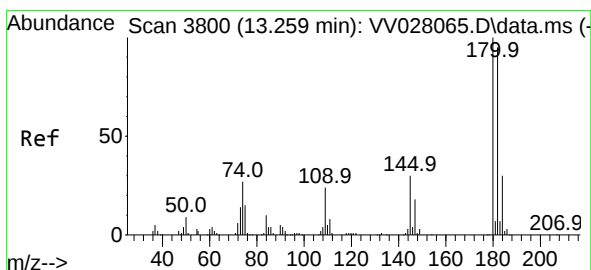
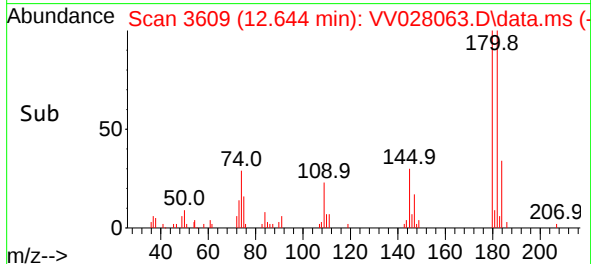
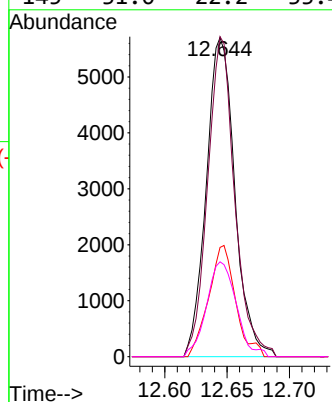
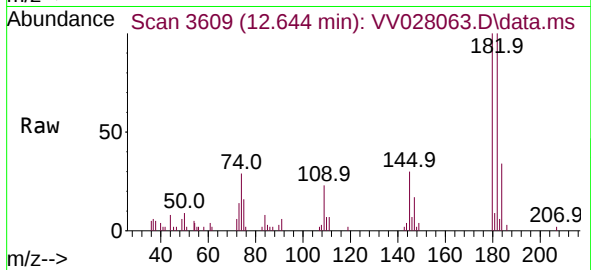
Ion Ratio Lower Upper

180 100

182 94.5 75.5 113.3

184 32.9 23.7 35.5

145 31.0 22.2 33.4



#70

1,2,4-trichlorobenzene

Concen: 0.450 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV028063.D

Acq: 22 Sep 2022 16:06

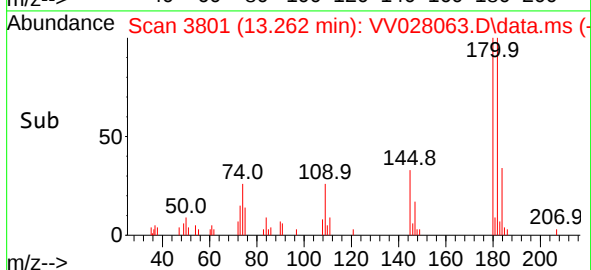
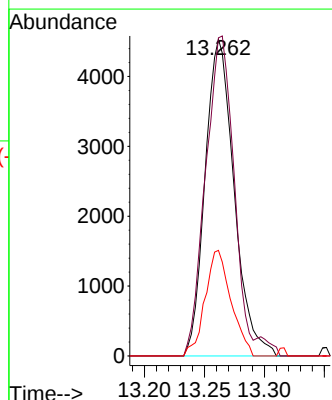
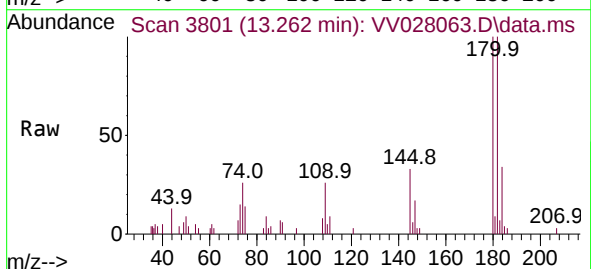
Tgt Ion:180 Resp: 7623

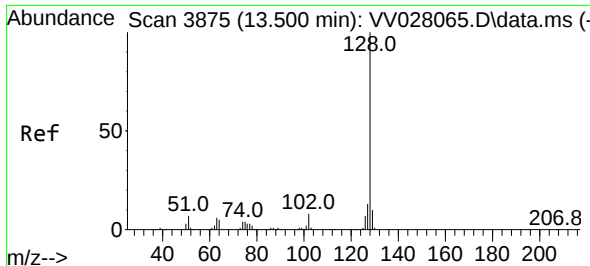
Ion Ratio Lower Upper

180 100

182 98.5 76.3 114.5

145 29.8 22.9 34.3

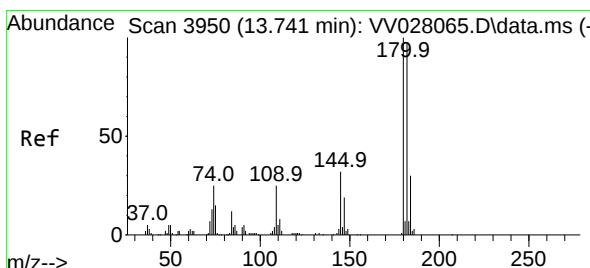
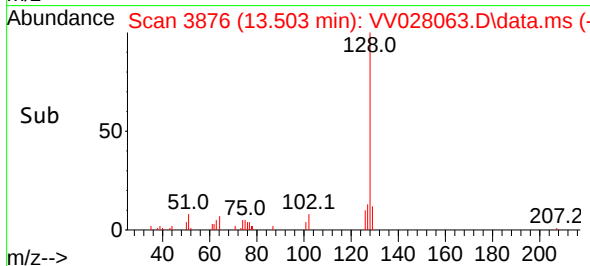
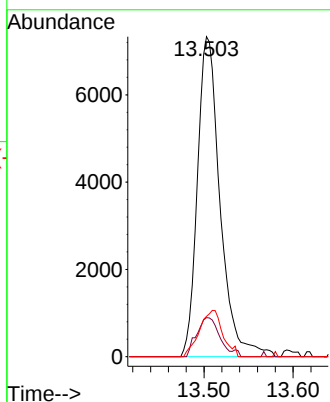
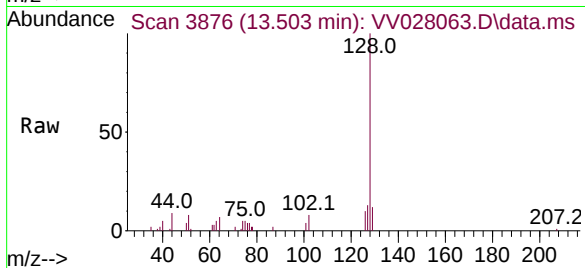




#71
Naphthalene
Concen: 0.515 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 12966
Ion Ratio Lower Upper
128 100
129 12.5 8.2 12.2#
127 14.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.442 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV028063.D
Acq: 22 Sep 2022 16:06

Tgt Ion:180 Resp: 6672
Ion Ratio Lower Upper
180 100
182 100.4 77.4 116.0
145 29.7 24.6 36.8

