

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092222\
 Data File : VW028064.D
 Acq On : 22 Sep 2022 16:31
 Operator : SY/MD
 Sample : VSTD00147
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 23 03:54:46 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	5.613	114	180673	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	175895	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	17544	1.130	ug/L	0.00
7) Chloroethane-d5	1.561	69	14262	1.070	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	35367	1.378	ug/L	0.00
20) 2-Butanone-d5	3.908	46	25764	10.110	ug/L	0.03
24) Chloroform-d	4.349	84	28479	1.110	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	13435	1.214	ug/L	0.00
32) Benzene-d6	5.047	84	52992	1.153	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	16972	1.132	ug/L	0.00
41) Toluene-d8	7.313	98	46638	1.120	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	6083	1.197	ug/L	0.00
46) 2-Hexanone-d5	8.092	63	21278	9.756	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	11853	1.002	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	16215	1.120	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	13063	0.963	ug/L	93
3) Chloromethane	1.237	50	18645	1.179	ug/L	98
5) Vinyl chloride	1.304	62	13283	0.847	ug/L	96
6) Bromomethane	1.516	94	8921	0.841	ug/L	98
8) Chloroethane	1.577	64	9231	0.876	ug/L	93
9) Trichlorofluoromethane	1.745	101	21907	0.925	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	13566	0.930	ug/L	96
12) 1,1-Dichloroethene	2.111	96	16556	1.279	ug/L	85
13) Acetone	2.182	43	22035	11.363	ug/L	93
14) Carbon disulfide	2.285	76	23783	0.913	ug/L	98
15) Methyl Acetate	2.442	43	4199	1.001	ug/L	99
16) Methylene chloride	2.500	84	13172	0.917	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	25073	1.025	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	10340	0.857	ug/L	97
19) 1,1-Dichloroethane	3.182	63	22719	0.965	ug/L	97
21) 2-Butanone	3.998	43	20136	8.497	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	19508	1.432	ug/L	93
23) Bromochloromethane	4.249	128	5530	0.908	ug/L	83
25) Chloroform	4.368	83	26048	1.006	ug/L	97
27) 1,2-Dichloroethane	5.133	62	12435	0.990	ug/L #	83
29) 1,1,1-Trichloroethane	4.603	97	21426	1.067	ug/L	98
30) Cyclohexane	4.667	56	13413	0.921	ug/L	93
31) Carbon tetrachloride	4.818	117	17238	0.974	ug/L	99
33) Benzene	5.098	78	44763	0.920	ug/L	100
34) Trichloroethene	5.915	95	11600	0.959	ug/L	96
35) Methylcyclohexane	6.124	83	13492	0.789	ug/L	95
37) 1,2-Dichloropropane	6.172	63	12241	0.932	ug/L #	94
38) Bromodichloromethane	6.510	83	15527	0.920	ug/L #	98
39) cis-1,3-Dichloropropene	7.031	75	14828	0.901	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	55461	9.727	ug/L	97
42) Toluene	7.387	91	44410	0.860	ug/L	96
44) trans-1,3-Dichloropropene	7.654	75	13226	0.959	ug/L	100

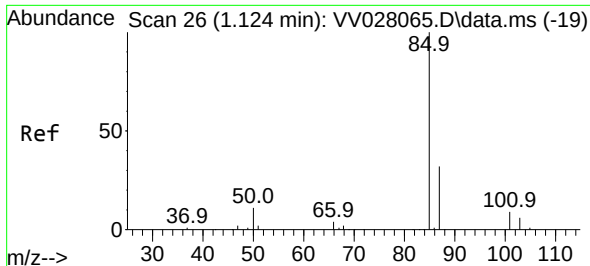
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
 Data File : VV028064.D
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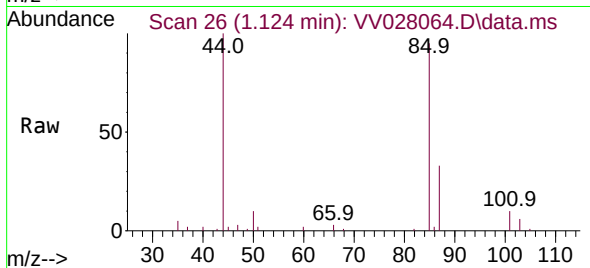
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	8822	0.932	ug/L	96
47) Tetrachloroethene	7.976	164	9416	0.893	ug/L	95
48) 2-Hexanone	8.143	43	39596	9.693	ug/L	93
49) Dibromochloromethane	8.246	129	10296	0.896	ug/L	95
50) 1,2-Dibromoethane	8.352	107	7793	0.941	ug/L	95
51) Chlorobenzene	8.879	112	32235	0.902	ug/L	97
52) Ethylbenzene	9.011	91	47337	0.881	ug/L	99
53) m,p-Xylene	9.137	106	17587	0.848	ug/L	96
54) o-Xylene	9.542	106	17232	0.831	ug/L	99
55) Styrene	9.561	104	29102	0.808	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	10432	0.877	ug/L	95
59) Bromoform	9.731	173	5727	0.996	ug/L	99
60) Isopropylbenzene	9.928	105	45385	0.921	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	7779	1.171	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	13533	1.013	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	34338	0.888	ug/L	97
64) 1,3-Dichlorobenzene	11.181	146	23911	0.905	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	24178	0.913	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	23498	0.966	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	1514	1.017	ug/L #	86
69) 1,3,5-Trichlorobenzene	12.644	180	19422	0.925	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	14559	0.873	ug/L	99
71) Naphthalene	13.503	128	23003	0.928	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	13148	0.885	ug/L	98

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

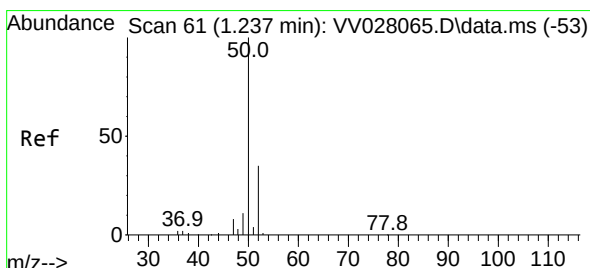
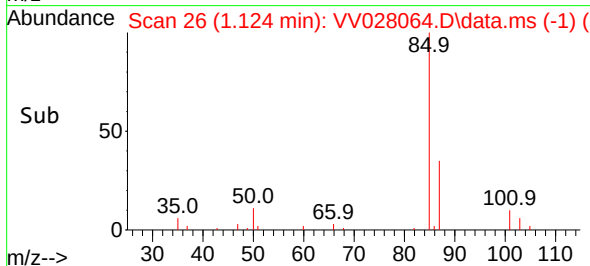
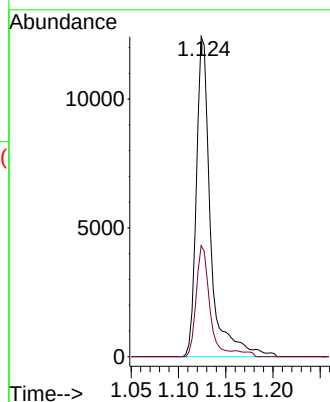


#2
 Dichlorodifluoromethane
 Concen: 0.963 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV028064.D
 Acq: 22 Sep 2022 16:31

Instrument :
 MSVOA_V
 ClientSampleId :

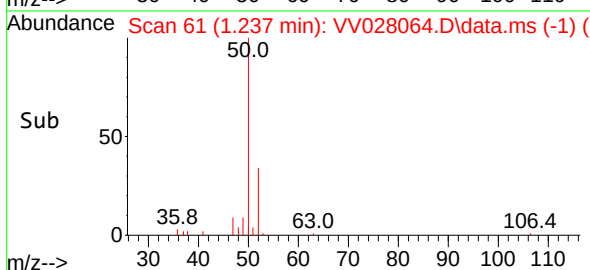
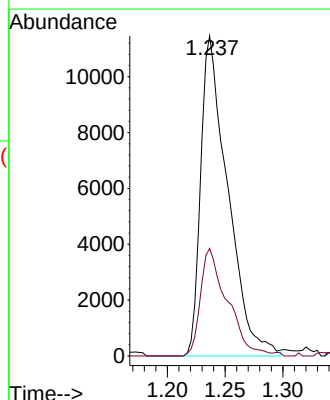
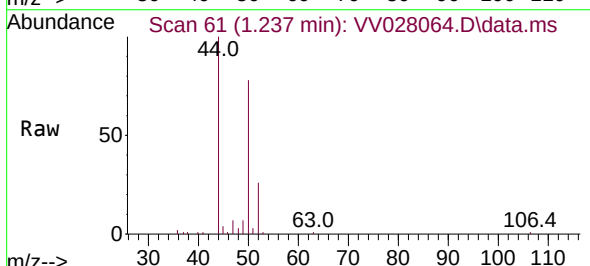


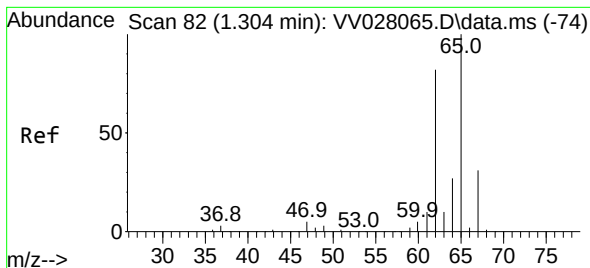
Tgt Ion: 85 Resp: 13063
 Ion Ratio Lower Upper
 85 100
 87 32.5 22.8 34.2



#3
 Chloromethane
 Concen: 1.179 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028064.D
 Acq: 22 Sep 2022 16:31

Tgt Ion: 50 Resp: 18645
 Ion Ratio Lower Upper
 50 100
 52 33.6 24.4 45.2

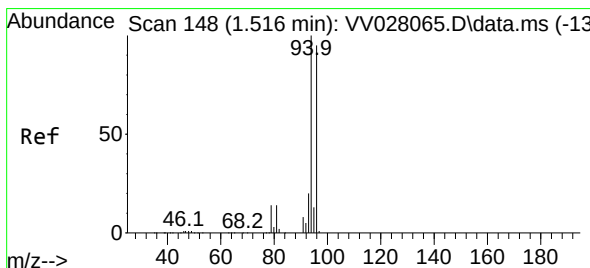
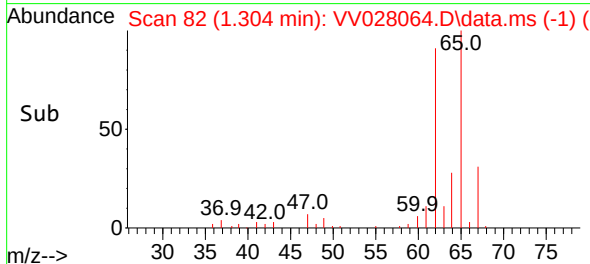
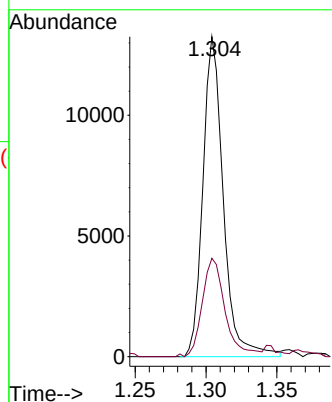
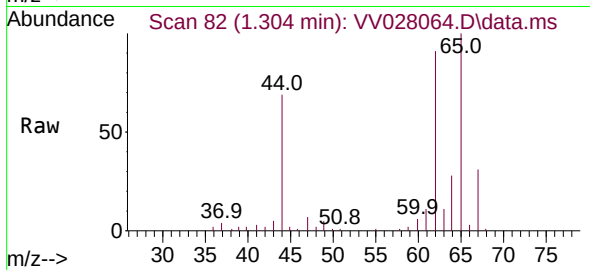




#5
 Vinyl chloride
 Concen: 0.847 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028064.D
 Acq: 22 Sep 2022 16:31

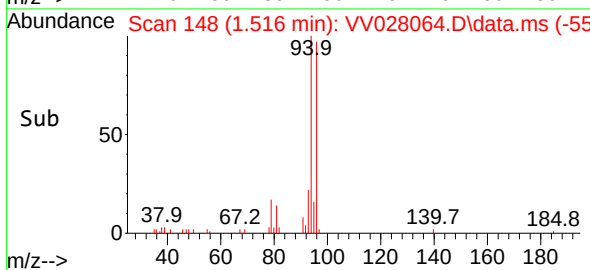
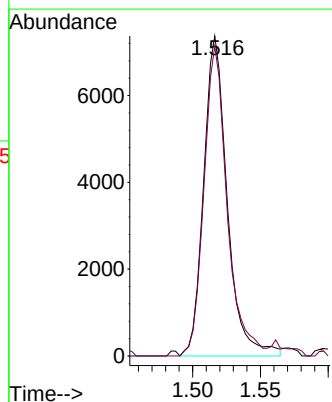
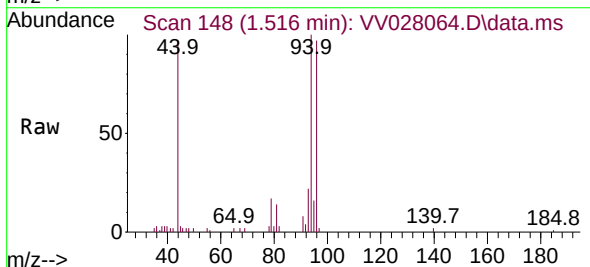
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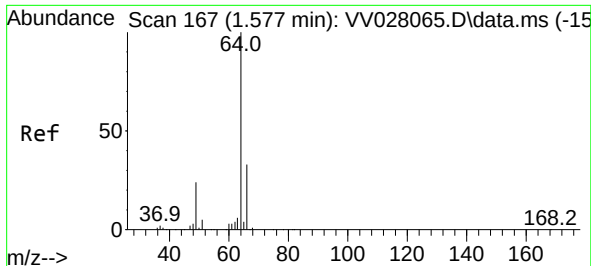
Tgt Ion: 62 Resp: 13283
 Ion Ratio Lower Upper
 62 100
 64 30.7 23.0 42.8



#6
 Bromomethane
 Concen: 0.841 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028064.D
 Acq: 22 Sep 2022 16:31

Tgt Ion: 94 Resp: 8921
 Ion Ratio Lower Upper
 94 100
 96 96.8 66.7 123.9

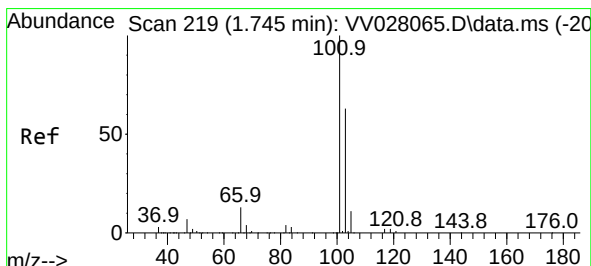
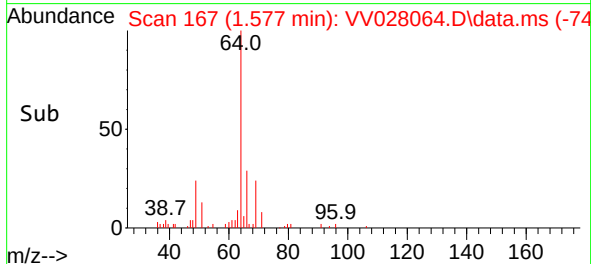
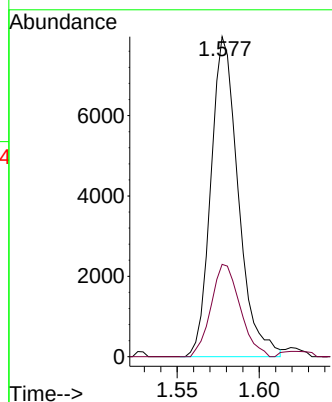
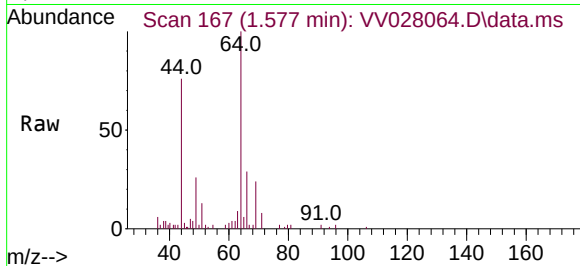




#8
Chloroethane
Concen: 0.876 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.000 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

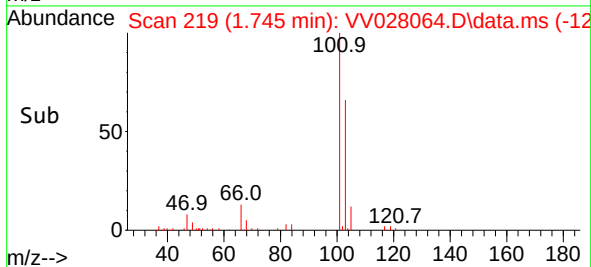
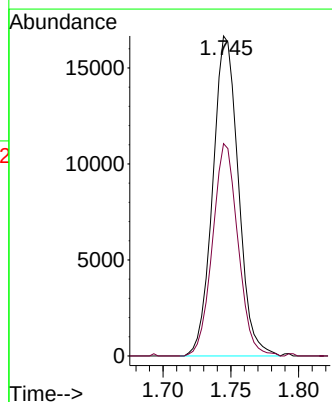
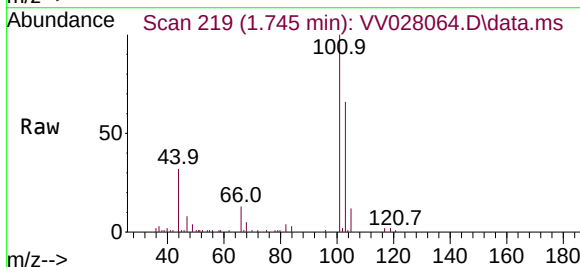
Instrument :
MSVOA_V
ClientSampleId :

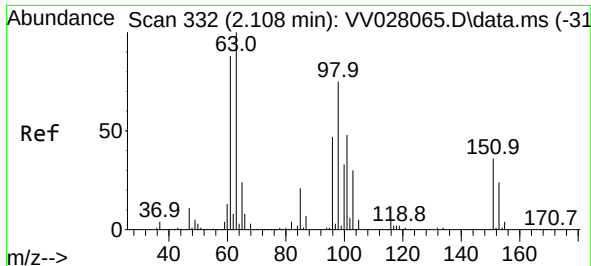
Tgt Ion: 64 Resp: 9231
Ion Ratio Lower Upper
64 100
66 28.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.925 ug/L
RT: 1.745 min Scan# 219
Delta R.T. -0.000 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

Tgt Ion: 101 Resp: 21907
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.0





#10

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

Concen: 0.930 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.000 min

Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

Instrument :

MSVOA_V

ClientSampleId :

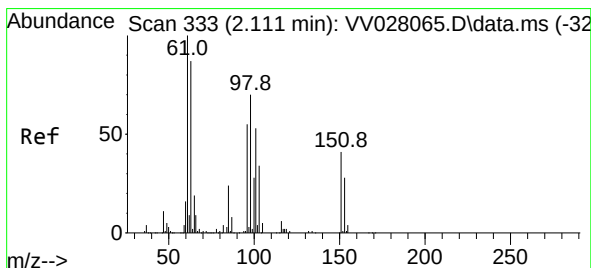
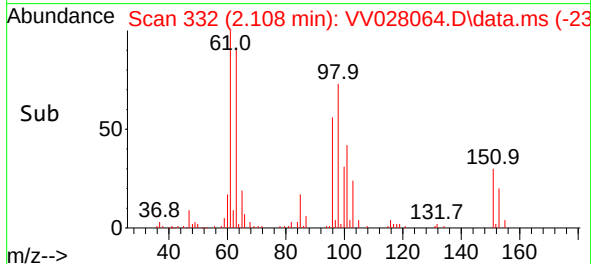
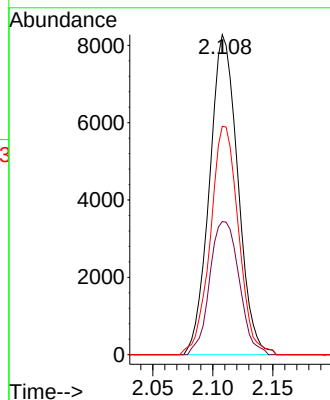
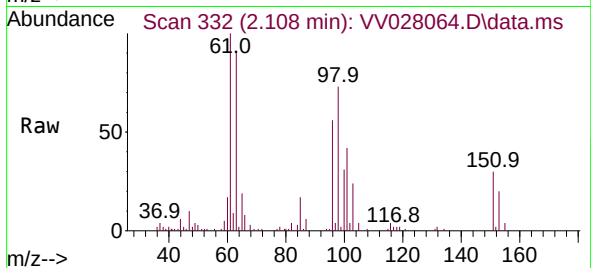
Tgt Ion:101 Resp: 13566

Ion Ratio Lower Upper

101 100

85 43.3 34.4 51.6

151 71.1 61.1 91.7



#12

1,1-Dichloroethene

Concen: 1.279 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

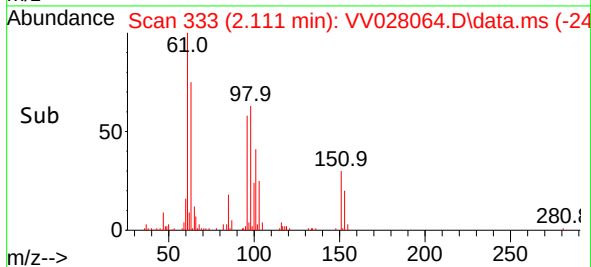
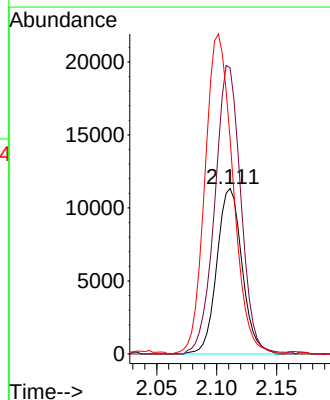
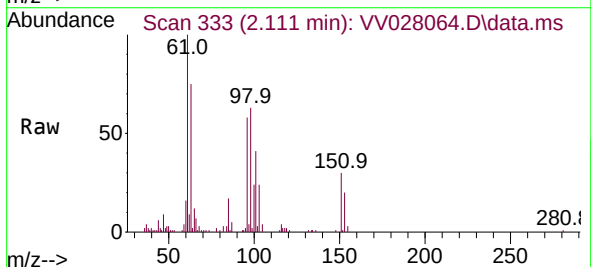
Tgt Ion: 96 Resp: 16556

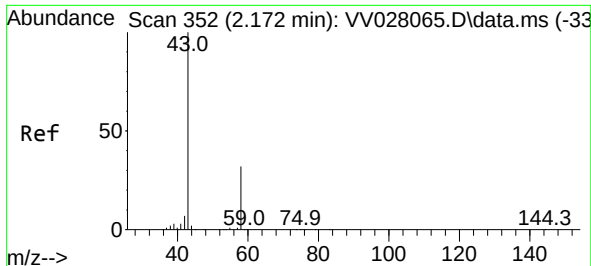
Ion Ratio Lower Upper

96 100

61 173.0 128.3 238.3

63 129.9 112.7 209.3





#13

Acetone

Concen: 11.363 ug/L

RT: 2.182 min Scan# 355

Delta R.T. 0.010 min

Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

Instrument :

MSVOA_V

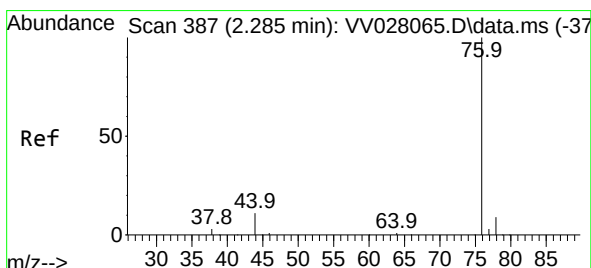
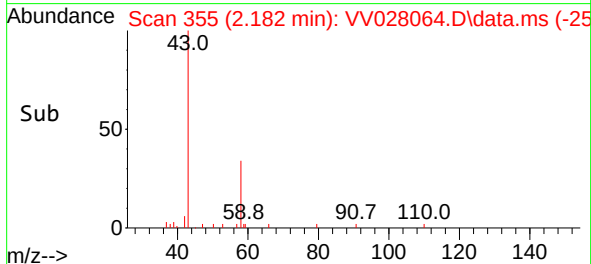
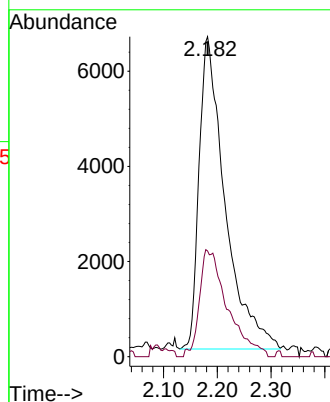
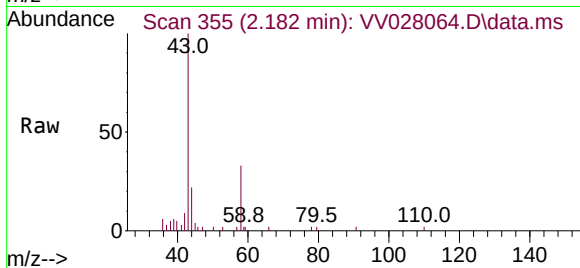
ClientSampleId :

Tgt Ion: 43 Resp: 22035

Ion Ratio Lower Upper

43 100

58 36.8 0.0 65.6



#14

Carbon disulfide

Concen: 0.913 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV028064.D

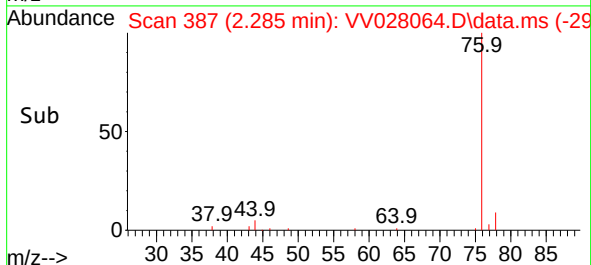
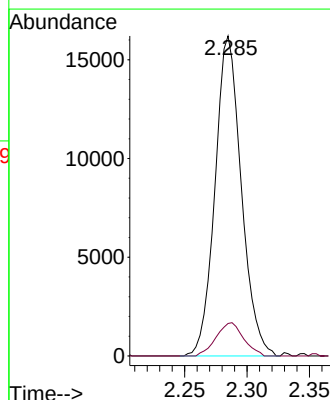
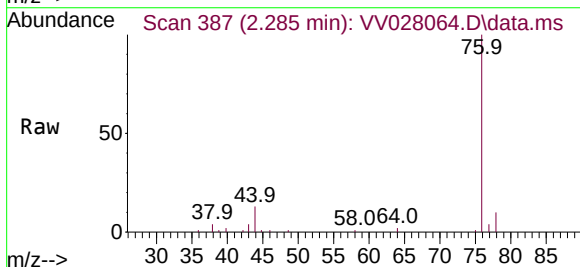
Acq: 22 Sep 2022 16:31

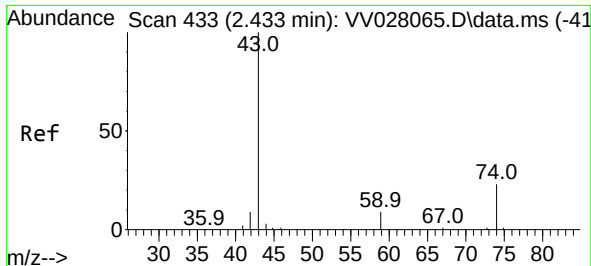
Tgt Ion: 76 Resp: 23783

Ion Ratio Lower Upper

76 100

78 10.2 7.6 11.4

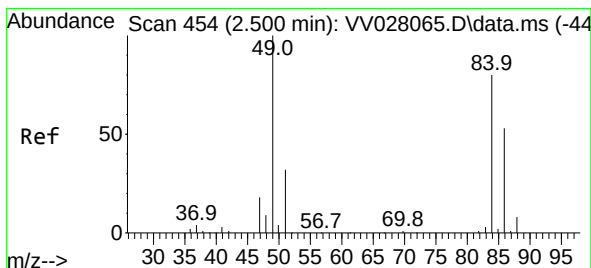
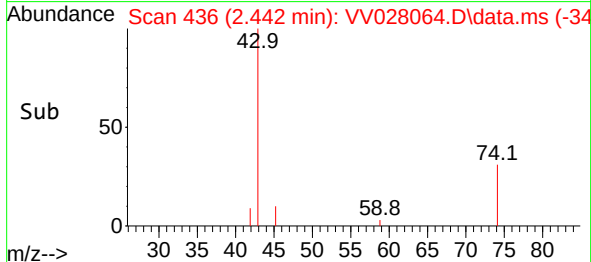
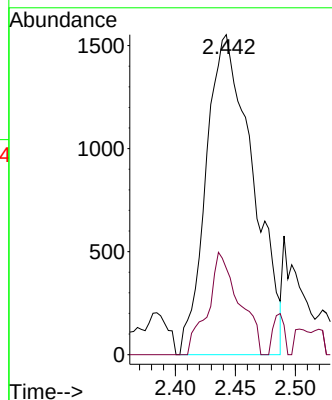
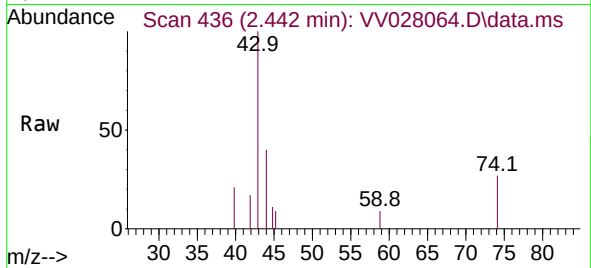




#15
Methyl Acetate
Concen: 1.001 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

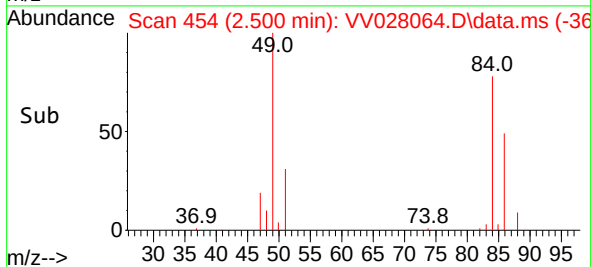
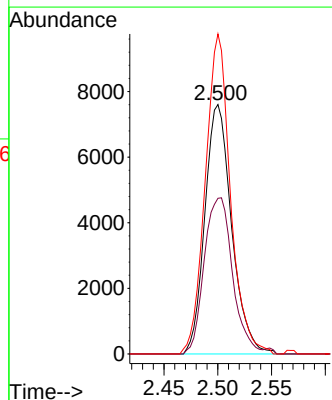
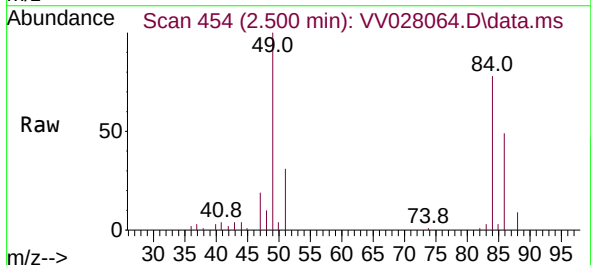
Instrument :
MSVOA_V
ClientSampleId :

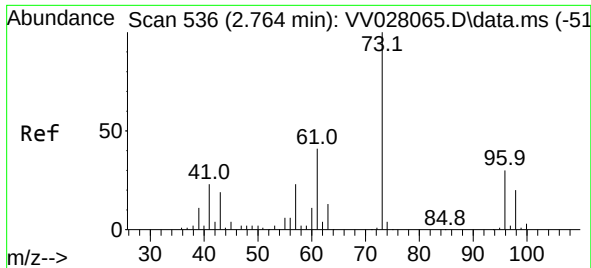
Tgt Ion: 43 Resp: 4199
Ion Ratio Lower Upper
43 100
74 21.4 16.9 25.3



#16
Methylene chloride
Concen: 0.917 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

Tgt Ion: 84 Resp: 13172
Ion Ratio Lower Upper
84 100
86 62.4 46.8 86.8
49 128.3 87.5 162.5

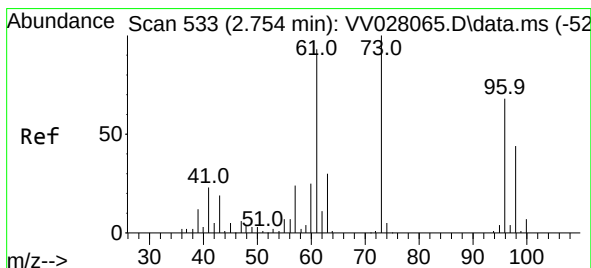
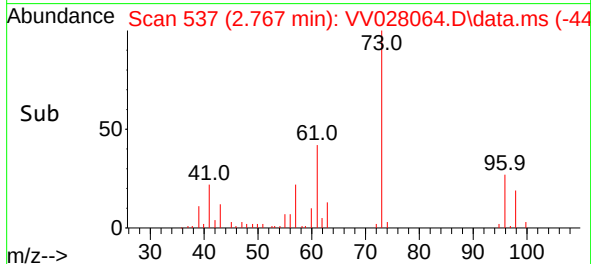
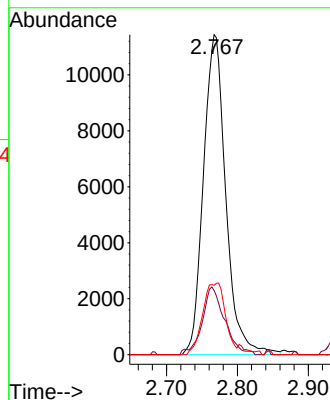
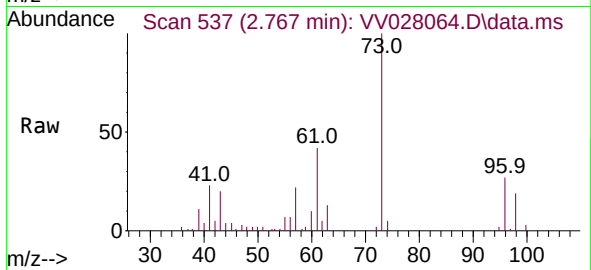




#17
Methyl tert-butyl Ether
Concen: 1.025 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

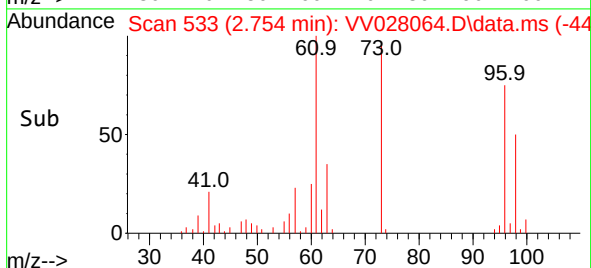
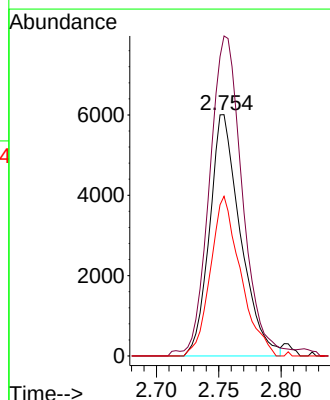
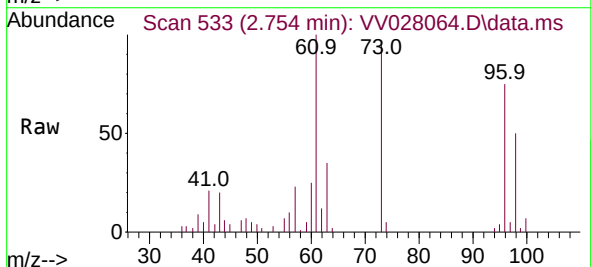
Instrument :
MSVOA_V
ClientSampleId :

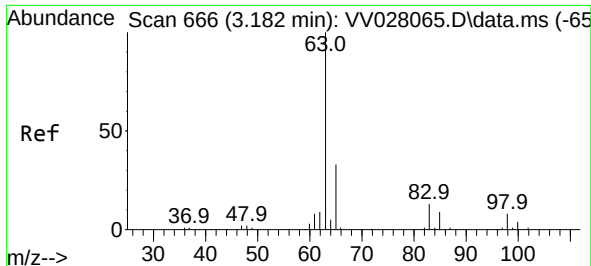
Tgt Ion: 73 Resp: 25073
Ion Ratio Lower Upper
73 100
43 21.2 15.7 23.5
57 22.6 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 0.857 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.000 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

Tgt Ion: 96 Resp: 10340
Ion Ratio Lower Upper
96 100
61 132.7 96.2 178.6
98 66.2 45.7 84.9





#19

1,1-Dichloroethane

Concen: 0.965 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

Instrument :

MSVOA_V

ClientSampleId :

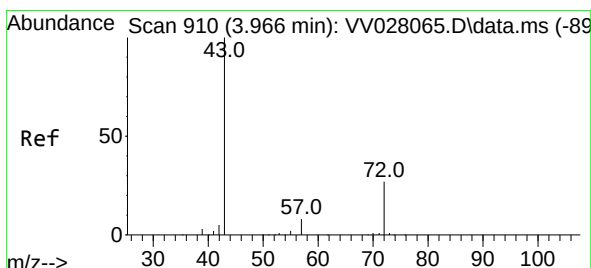
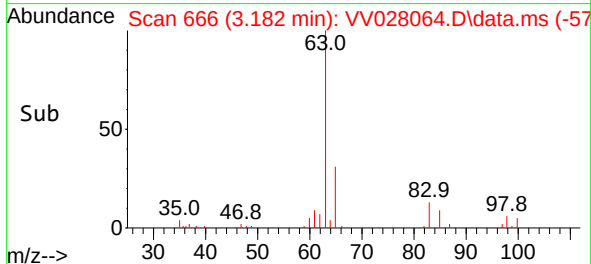
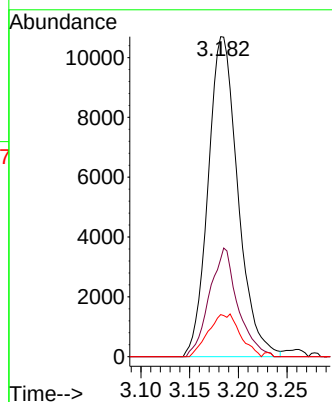
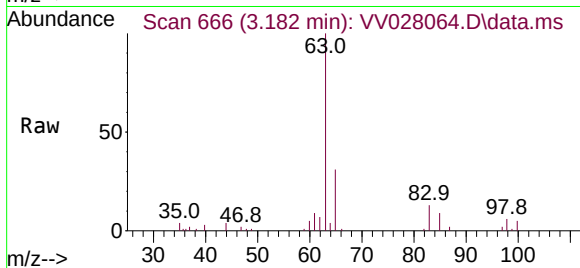
Tgt Ion: 63 Resp: 22719

Ion Ratio Lower Upper

63 100

65 30.6 23.0 42.8

83 13.1 9.2 17.2



#21

2-Butanone

Concen: 8.497 ug/L

RT: 3.998 min Scan# 920

Delta R.T. 0.032 min

Lab File: VV028064.D

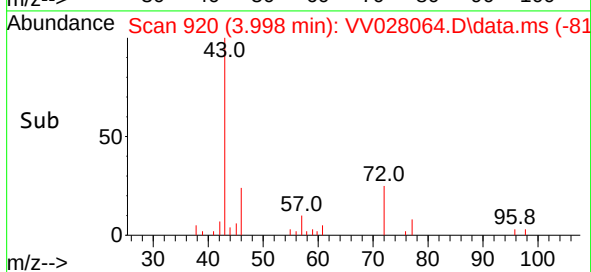
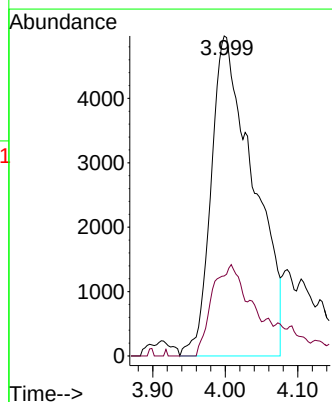
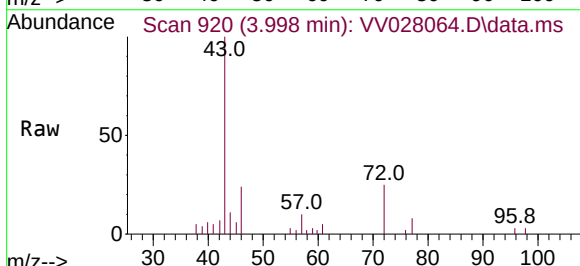
Acq: 22 Sep 2022 16:31

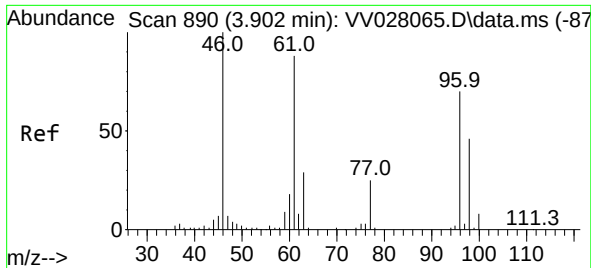
Tgt Ion: 43 Resp: 20136

Ion Ratio Lower Upper

43 100

72 24.6 12.7 38.1

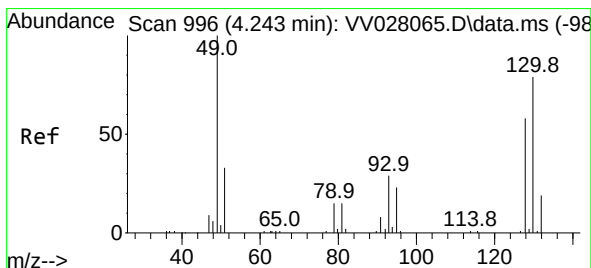
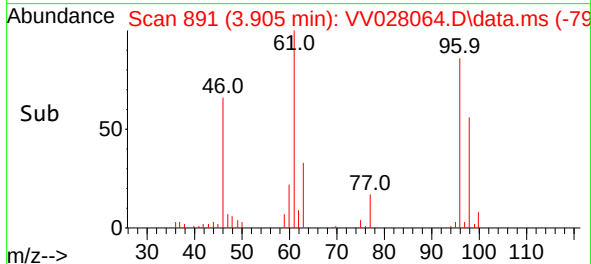
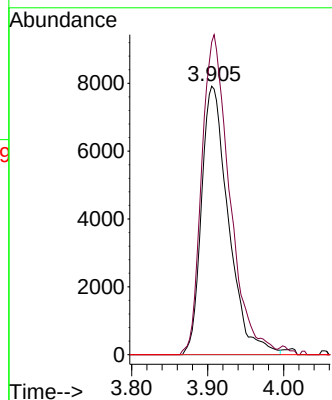
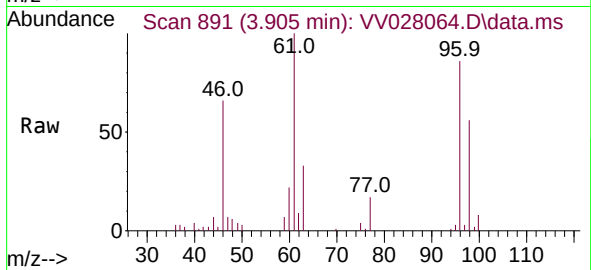




#22
 cis-1,2-Dichloroethene
 Concen: 1.432 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV028064.D
 Acq: 22 Sep 2022 16:31

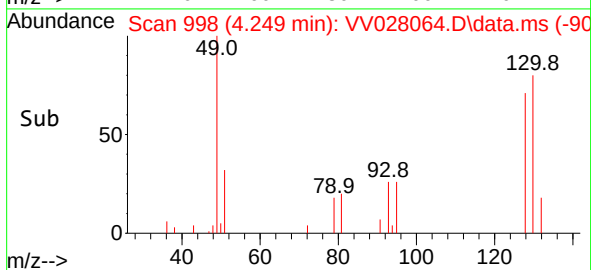
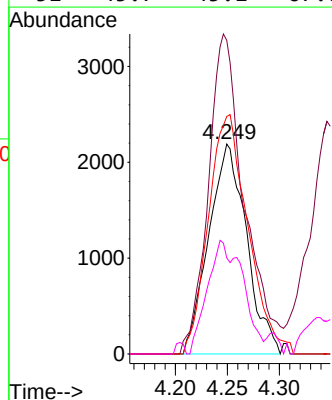
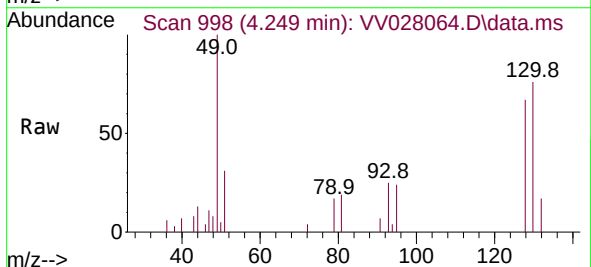
Instrument :
 MSVOA_V
 ClientSampleId :

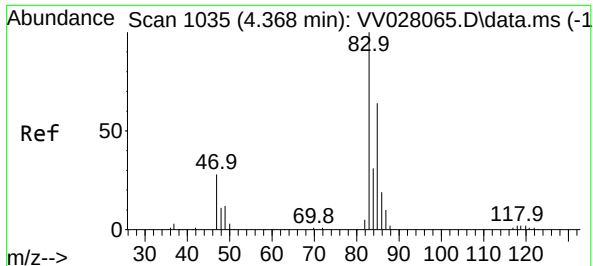
Tgt Ion: 96 Resp: 19508
 Ion Ratio Lower Upper
 96 100
 61 116.5 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.908 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VV028064.D
 Acq: 22 Sep 2022 16:31

Tgt Ion: 128 Resp: 5530
 Ion Ratio Lower Upper
 128 100
 49 149.4 119.9 222.7
 130 113.1 94.6 175.8
 51 45.7 45.1 67.7

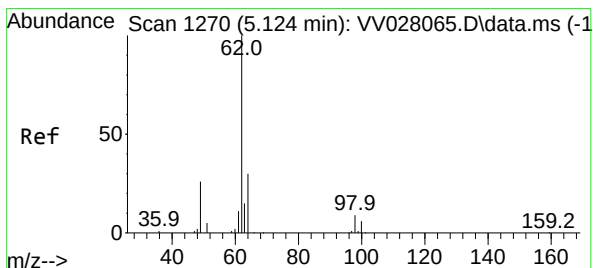
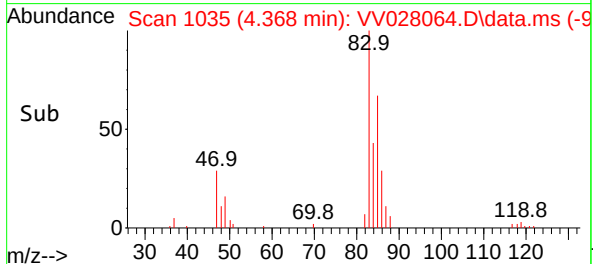
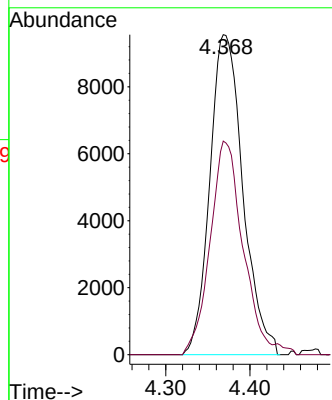
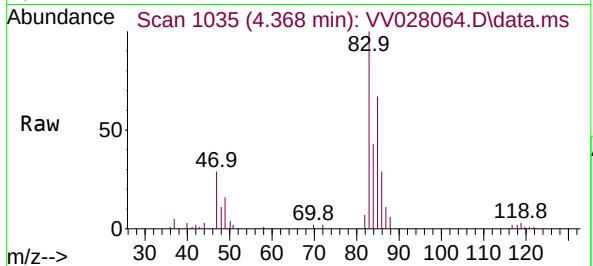




#25
Chloroform
Concen: 1.006 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

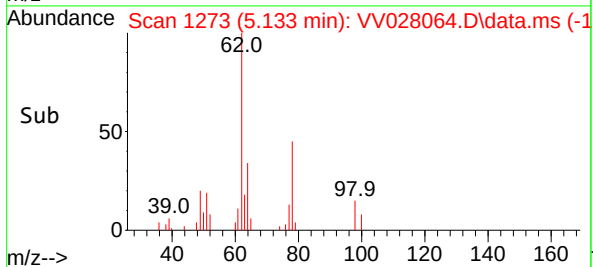
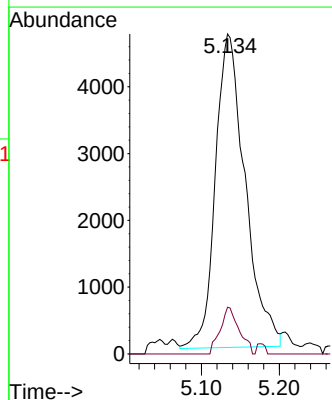
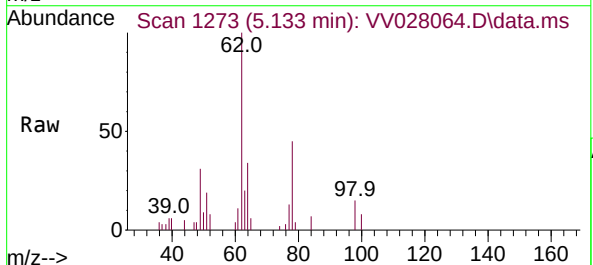
Instrument :
MSVOA_V
ClientSampleId :

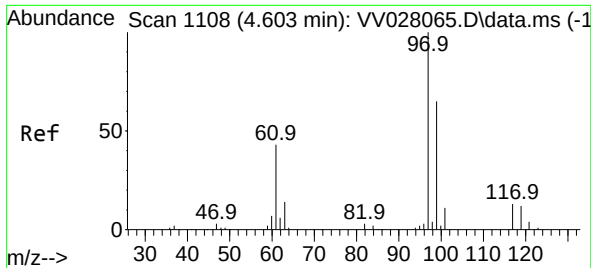
Tgt Ion: 83 Resp: 26048
Ion Ratio Lower Upper
83 100
85 66.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 0.990 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.010 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

Tgt Ion: 62 Resp: 12435
Ion Ratio Lower Upper
62 100
98 14.6 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 1.067 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

Instrument :

MSVOA_V

ClientSampleId :

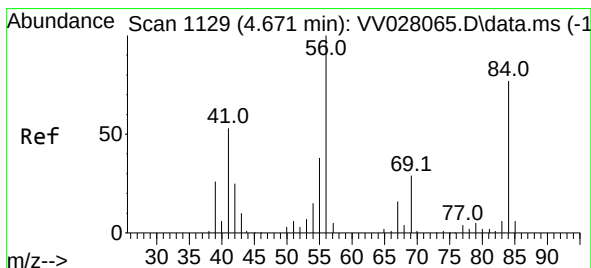
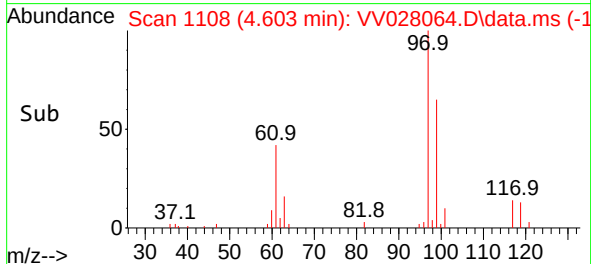
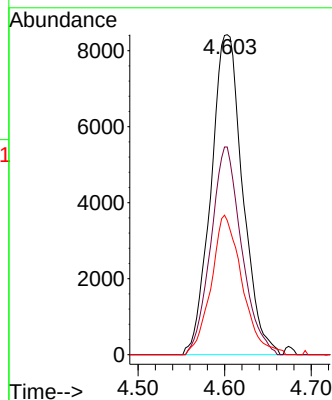
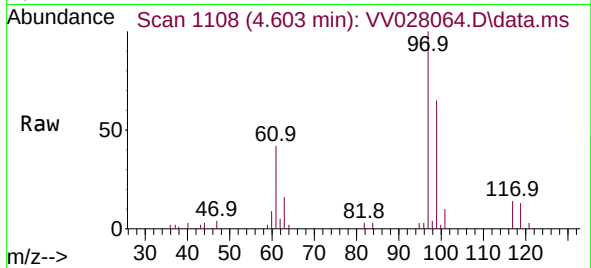
Tgt Ion: 97 Resp: 21426

Ion Ratio Lower Upper

97 100

99 63.0 51.9 77.9

61 42.5 34.8 52.2



#30

Cyclohexane

Concen: 0.921 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

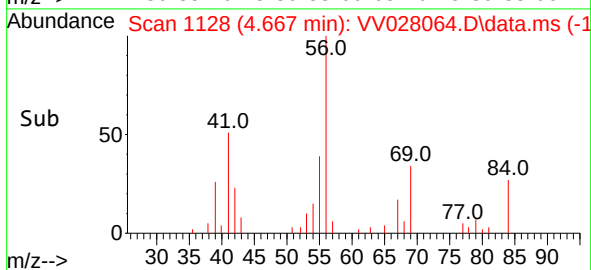
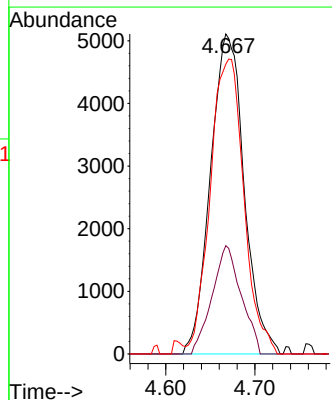
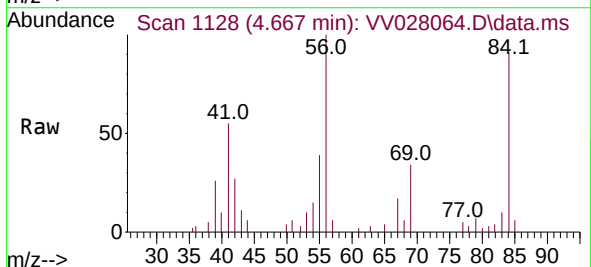
Tgt Ion: 56 Resp: 13413

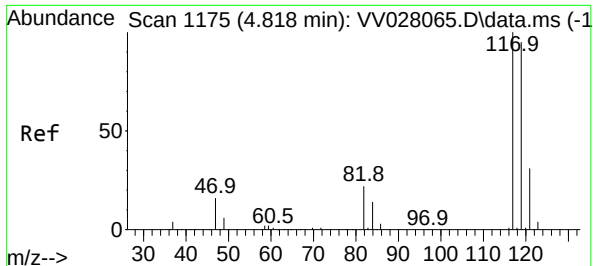
Ion Ratio Lower Upper

56 100

69 29.2 23.7 35.5

84 92.0 67.3 100.9

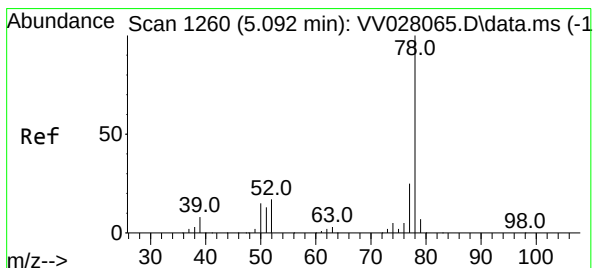
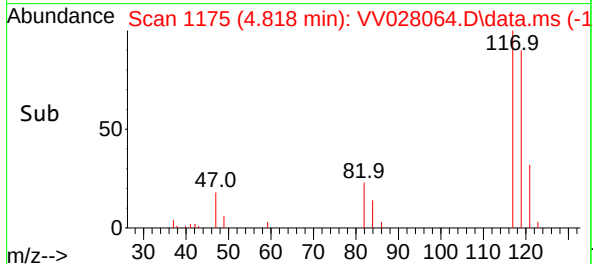
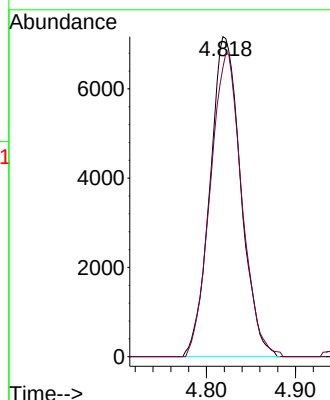
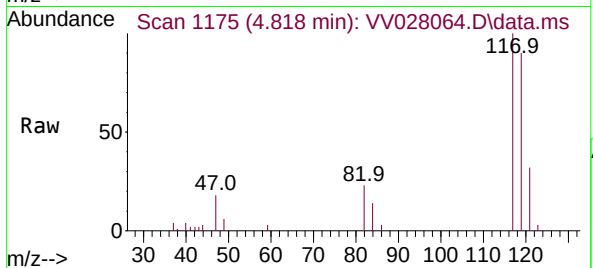




#31
Carbon tetrachloride
Concen: 0.974 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

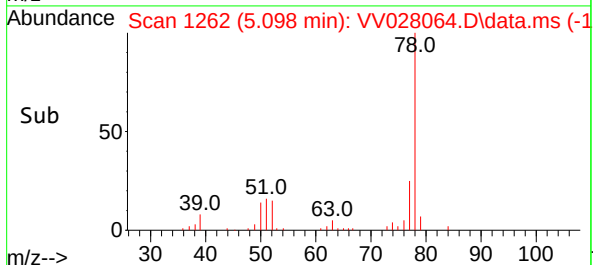
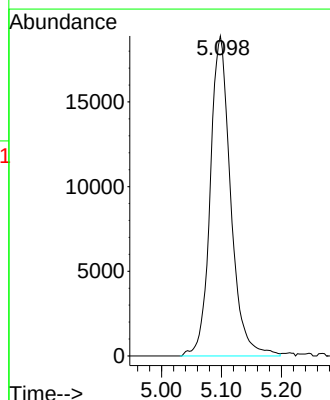
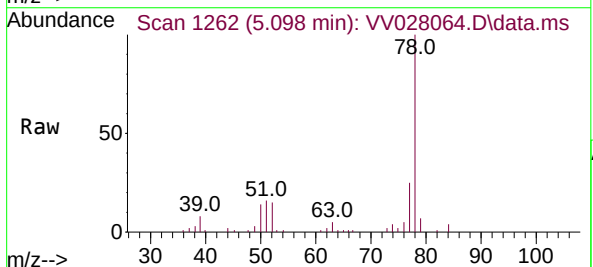
Instrument :
MSVOA_V
ClientSampleId :

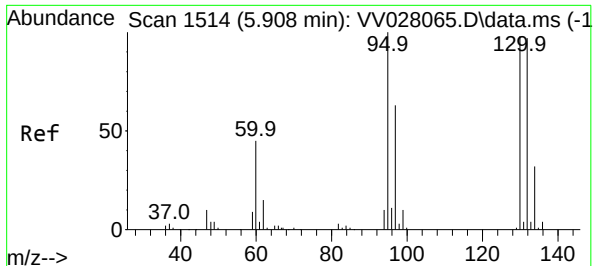
Tgt Ion:117 Resp: 17238
Ion Ratio Lower Upper
117 100
119 96.7 76.9 115.3



#33
Benzene
Concen: 0.920 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

Tgt Ion: 78 Resp: 44763



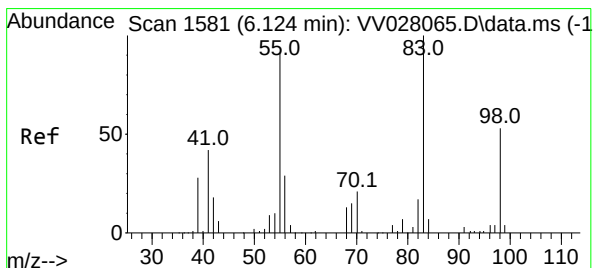
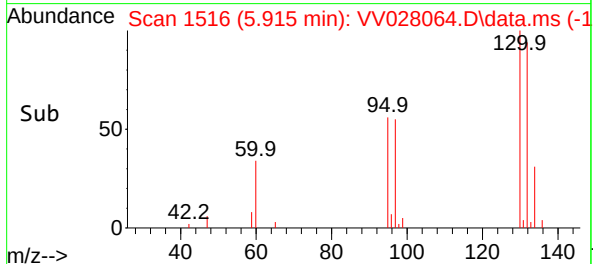
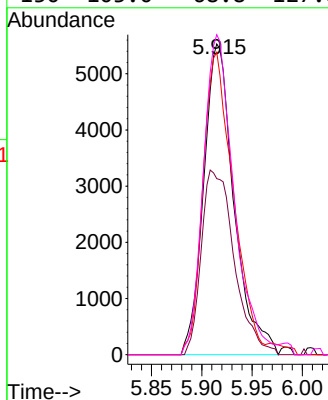
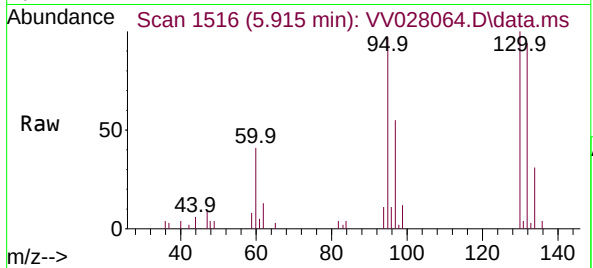


#34
Trichloroethene
Concen: 0.959 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 11600

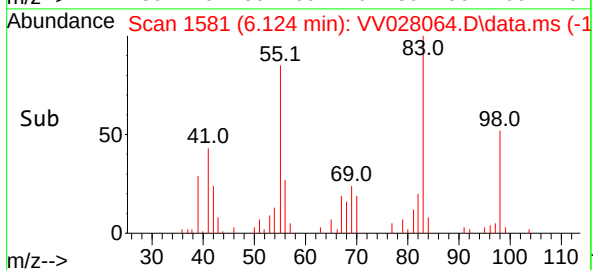
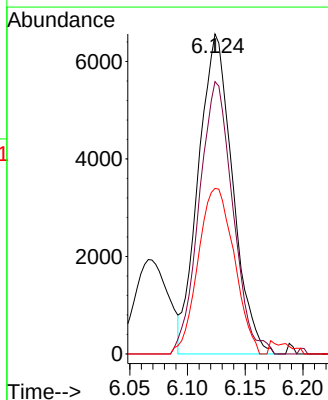
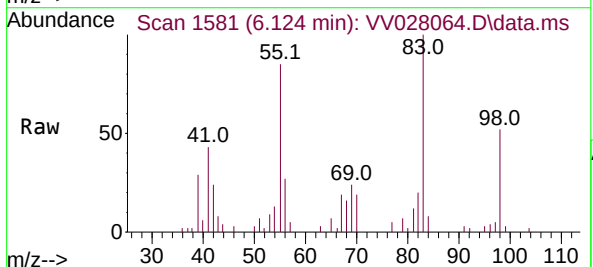
Ion	Ratio	Lower	Upper
95	100		
97	56.6	44.2	82.0
132	97.3	67.8	126.0
130	103.0	68.8	127.8

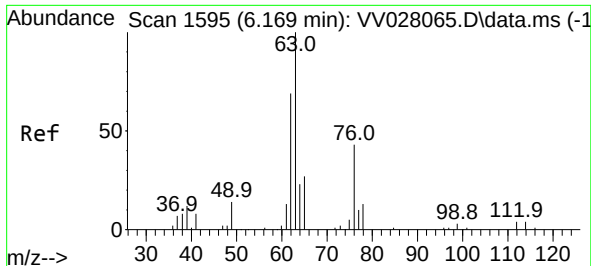


#35
Methylcyclohexane
Concen: 0.789 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

Tgt Ion: 83 Resp: 13492

Ion	Ratio	Lower	Upper
83	100		
55	83.9	64.7	97.1
98	54.7	39.5	59.3





#37

1,2-Dichloropropane

Concen: 0.932 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

Instrument :

MSVOA_V

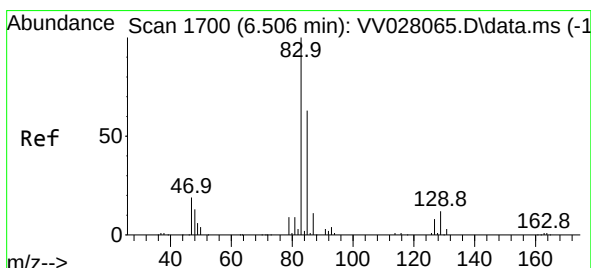
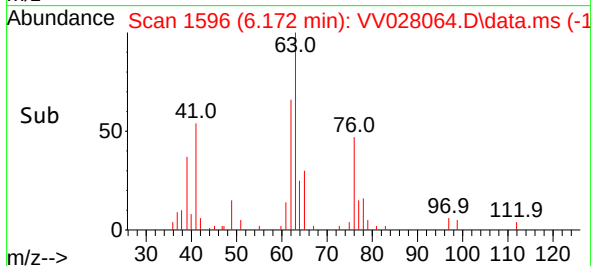
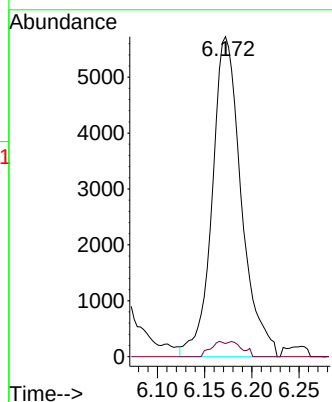
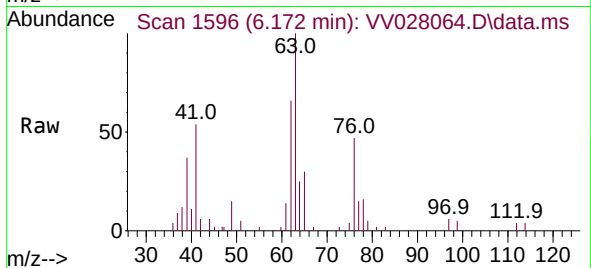
ClientSampleId :

Tgt Ion: 63 Resp: 12241

Ion Ratio Lower Upper

63 100

112 2.5 3.5 5.3#



#38

Bromodichloromethane

Concen: 0.920 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

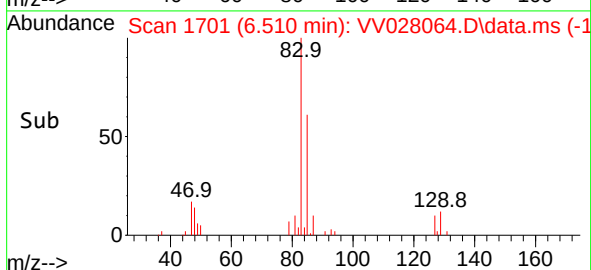
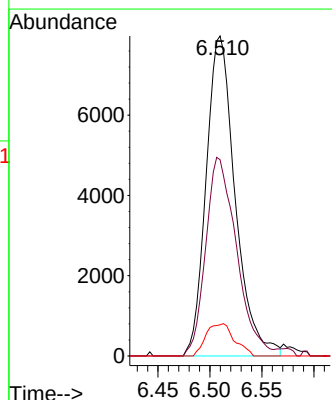
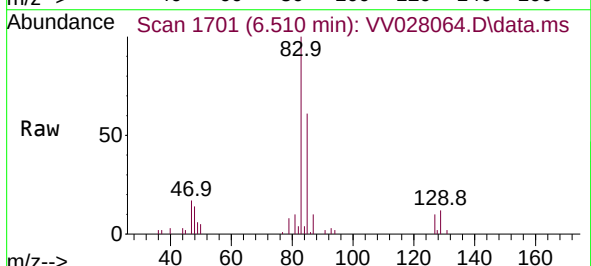
Tgt Ion: 83 Resp: 15527

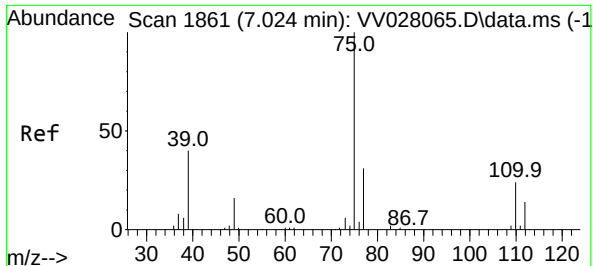
Ion Ratio Lower Upper

83 100

85 61.3 43.8 81.4

127 9.8 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 0.901 ug/L

RT: 7.031 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

Instrument :

MSVOA_V

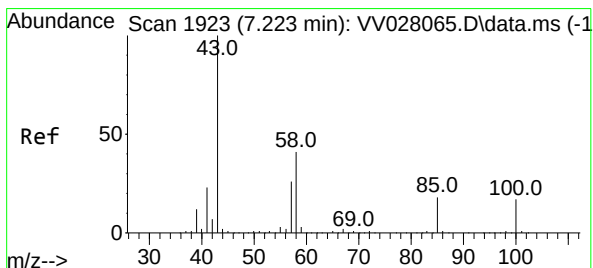
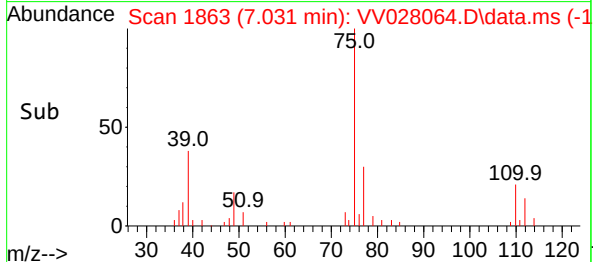
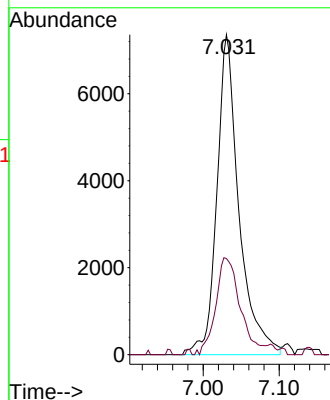
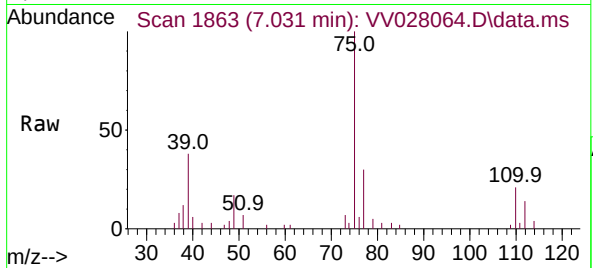
ClientSampleId :

Tgt Ion: 75 Resp: 14828

Ion Ratio Lower Upper

75 100

77 30.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 9.727 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

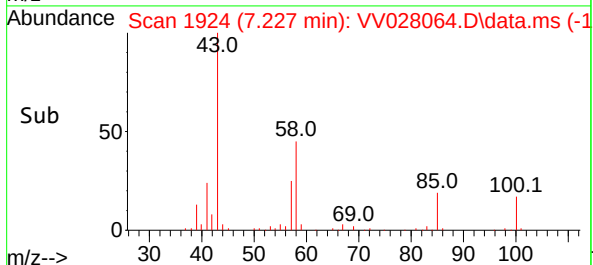
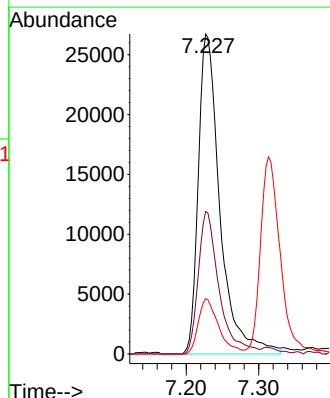
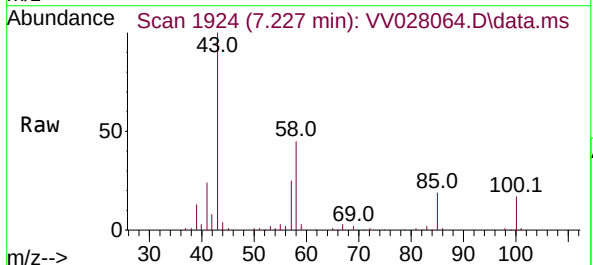
Tgt Ion: 43 Resp: 55461

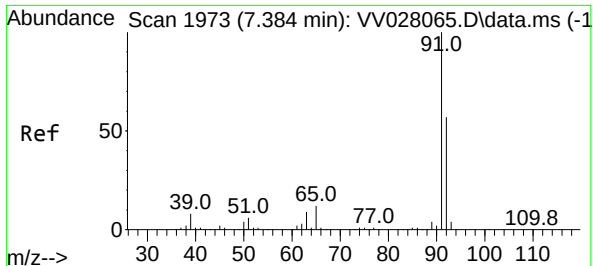
Ion Ratio Lower Upper

43 100

58 42.7 32.2 48.4

100 16.3 12.7 19.1

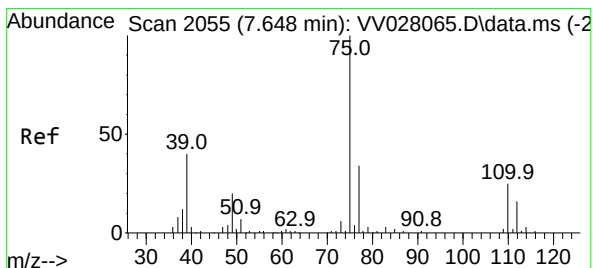
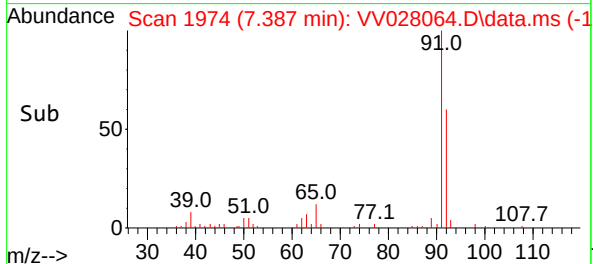
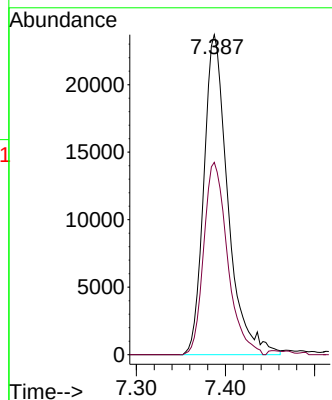
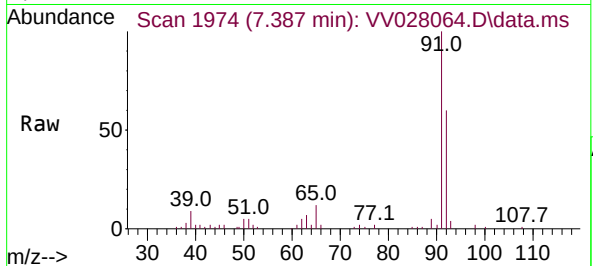




#42
Toluene
Concen: 0.860 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

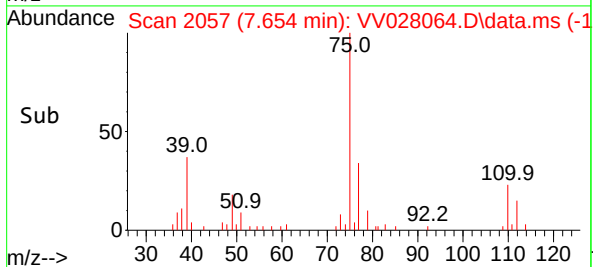
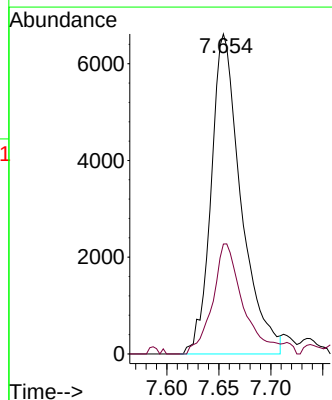
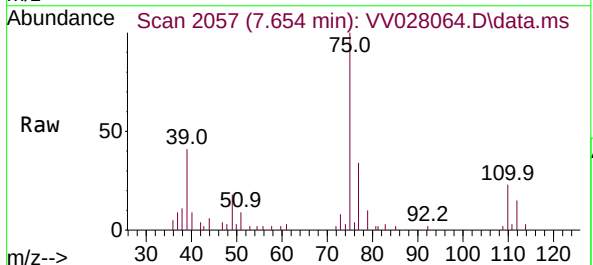
Instrument :
MSVOA_V
ClientSampleId :

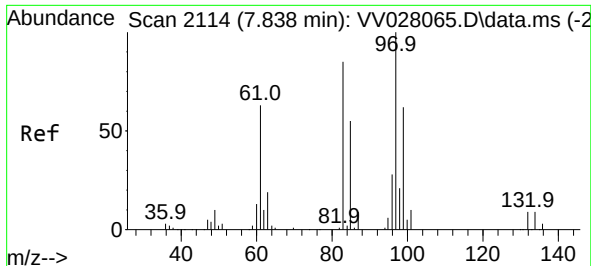
Tgt Ion: 91 Resp: 44410
Ion Ratio Lower Upper
91 100
92 60.1 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 0.959 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

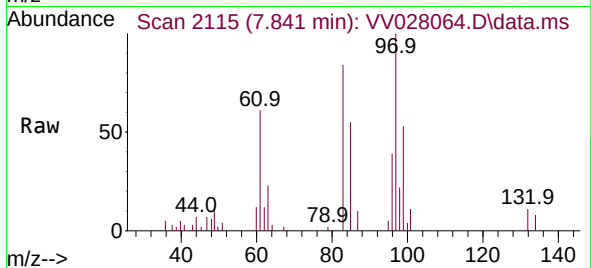
Tgt Ion: 75 Resp: 13226
Ion Ratio Lower Upper
75 100
77 34.4 23.9 44.3



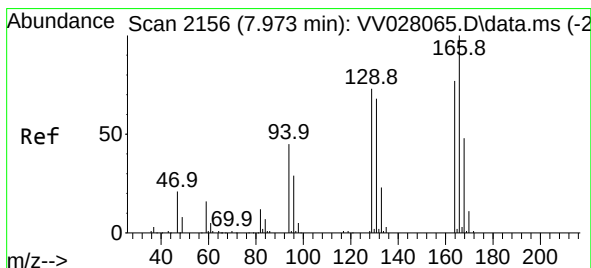
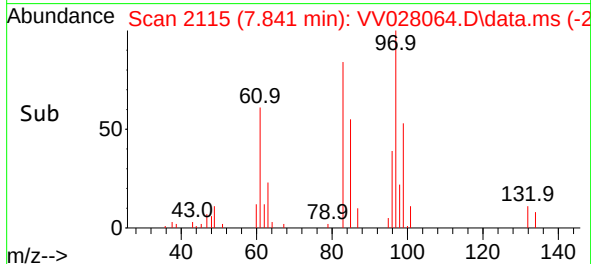
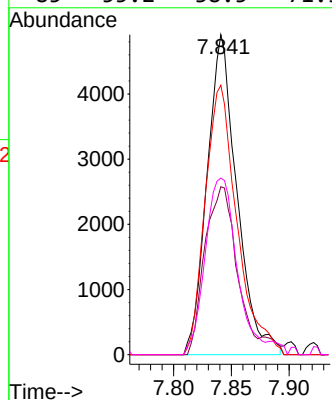


#45
1,1,2-Trichloroethane
Concen: 0.932 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

Instrument :
MSVOA_V
ClientSampleId :

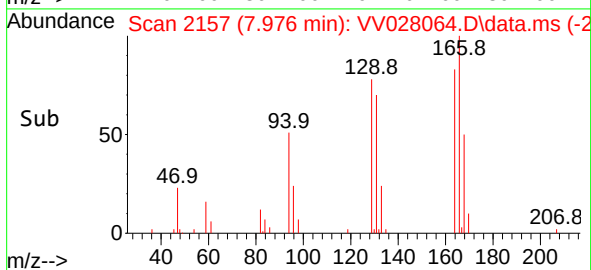
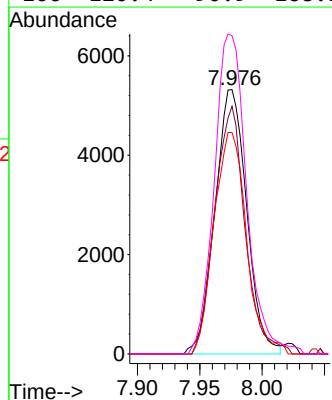
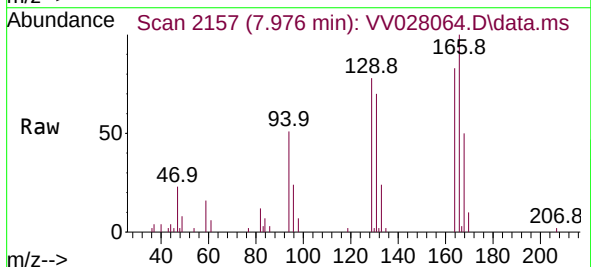


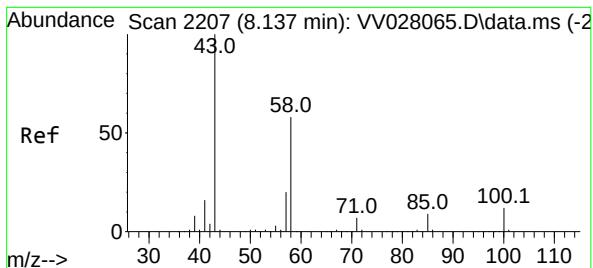
Tgt Ion:	97	Resp:	8822
Ion	Ratio	Lower	Upper
97	100		
99	52.5	43.2	80.2
83	84.2	59.1	109.9
85	55.2	38.5	71.5



#47
Tetrachloroethene
Concen: 0.893 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

Tgt Ion:	164	Resp:	9416
Ion	Ratio	Lower	Upper
164	100		
129	93.7	66.7	123.9
131	83.8	61.7	114.5
166	120.4	90.9	168.9





#48

2-Hexanone

Concen: 9.693 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.006 min

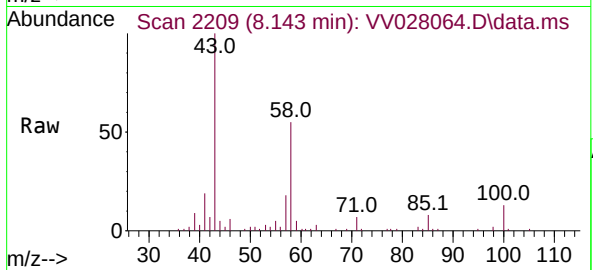
Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 39596

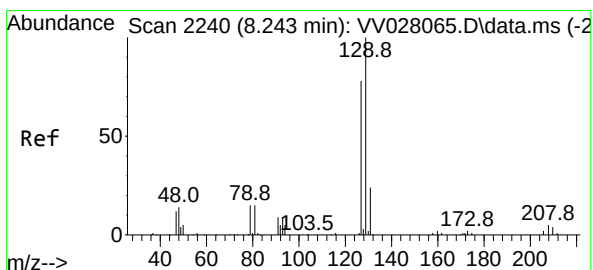
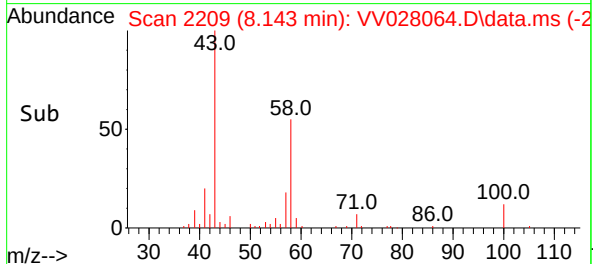
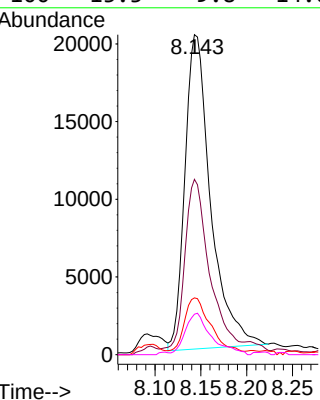
Ion Ratio Lower Upper

43 100

58 51.2 45.7 68.5

57 17.2 15.5 23.3

100 13.3 9.8 14.6



#49

Dibromochloromethane

Concen: 0.896 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VV028064.D

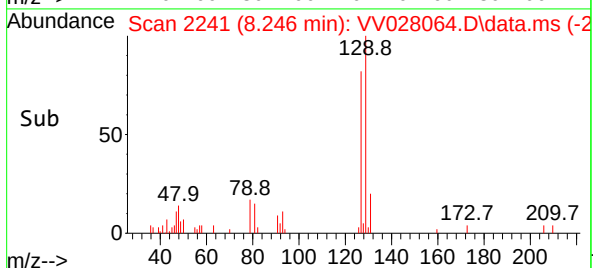
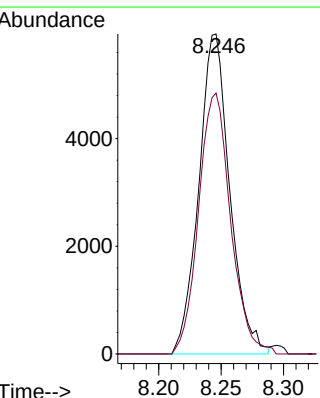
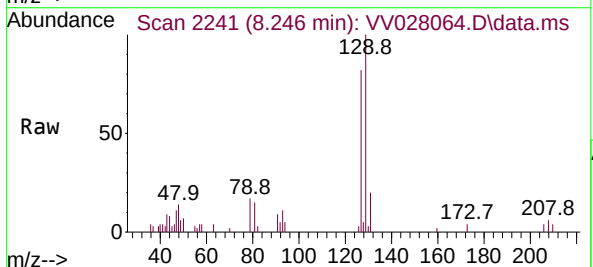
Acq: 22 Sep 2022 16:31

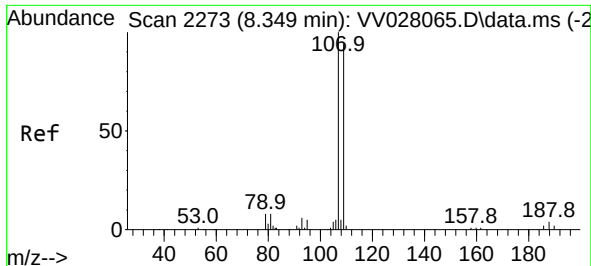
Tgt Ion: 129 Resp: 10296

Ion Ratio Lower Upper

129 100

127 81.5 54.3 100.9





#50

1,2-Dibromoethane

Concen: 0.941 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

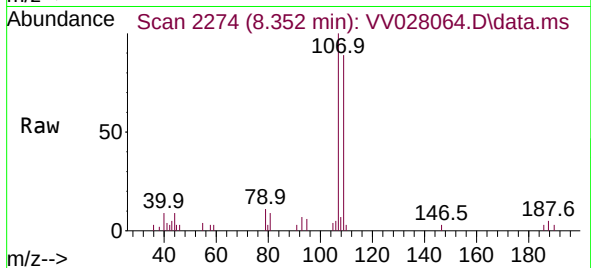
Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

Instrument :

MSVOA_V

ClientSampleId :



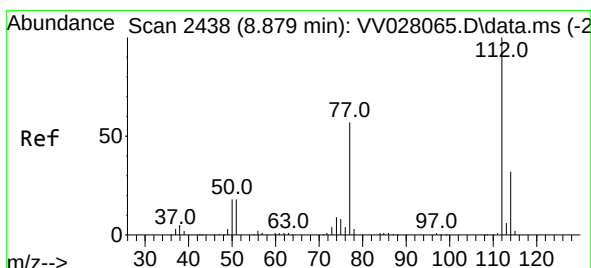
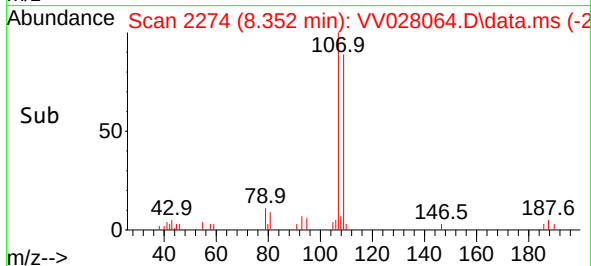
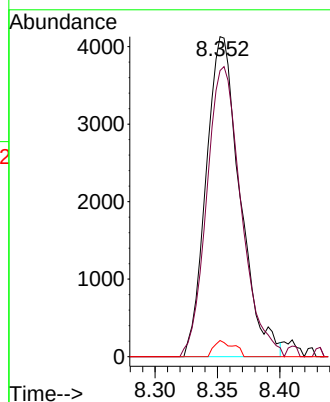
Tgt Ion:107 Resp: 7793

Ion Ratio Lower Upper

107 100

109 89.4 65.9 122.5

188 5.0 3.4 5.0



#51

Chlorobenzene

Concen: 0.902 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

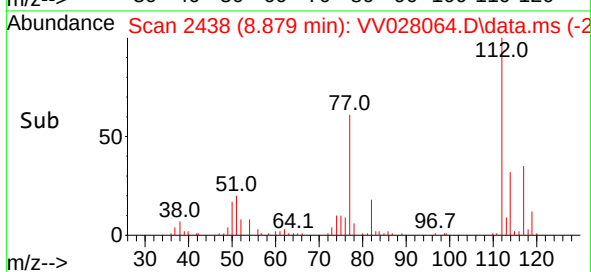
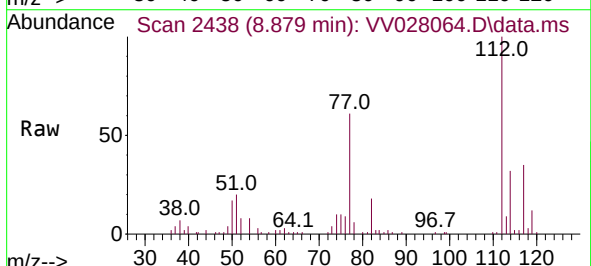
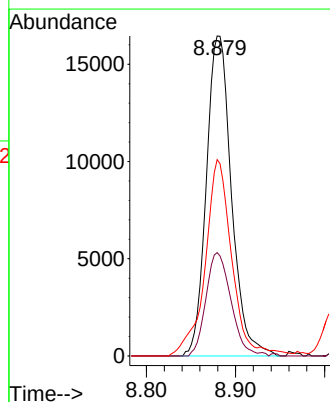
Tgt Ion:112 Resp: 32235

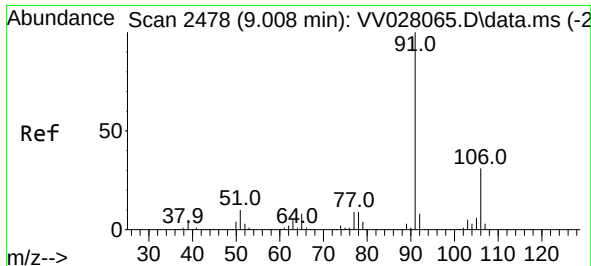
Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.7

77 61.3 46.1 69.1





#52

Ethylbenzene

Concen: 0.881 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

Instrument :

MSVOA_V

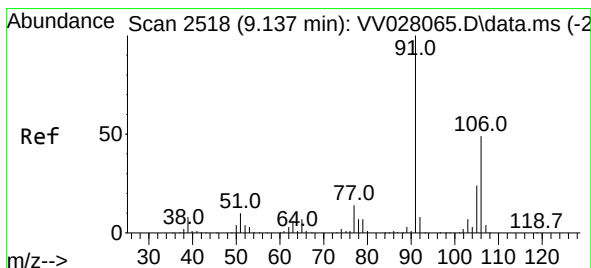
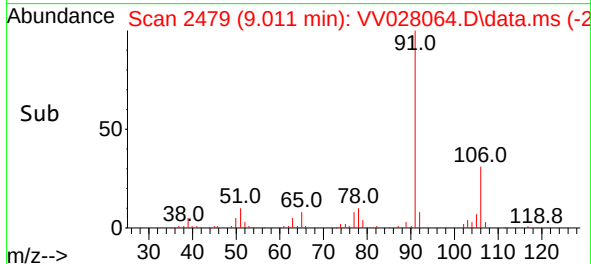
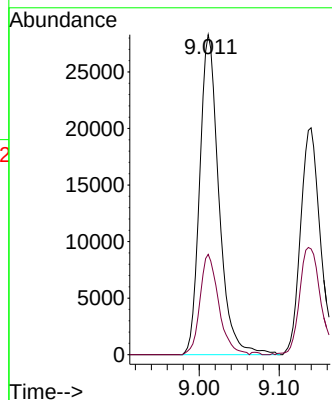
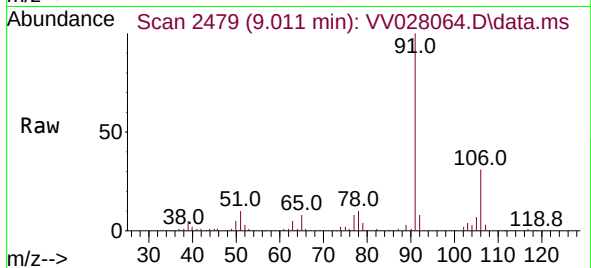
ClientSampleId :

Tgt Ion: 91 Resp: 47337

Ion Ratio Lower Upper

91 100

106 31.4 21.5 39.9



#53

m,p-Xylene

Concen: 0.848 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV028064.D

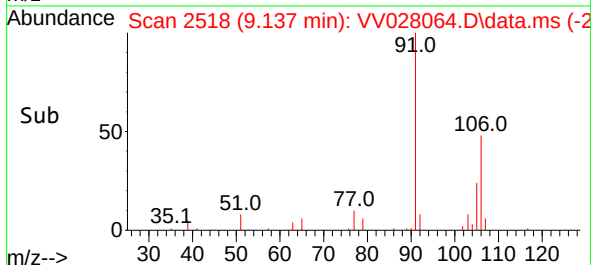
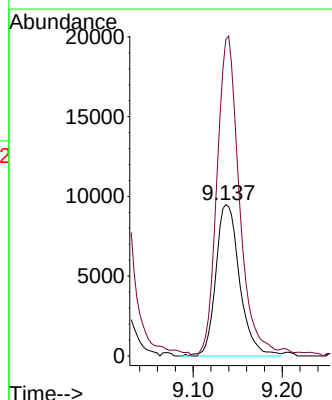
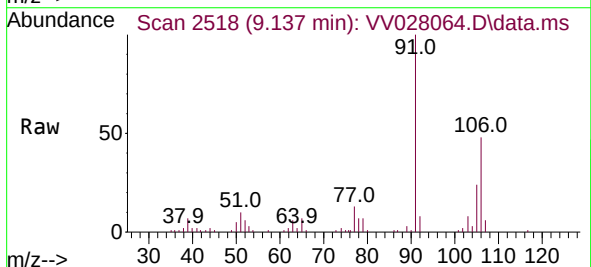
Acq: 22 Sep 2022 16:31

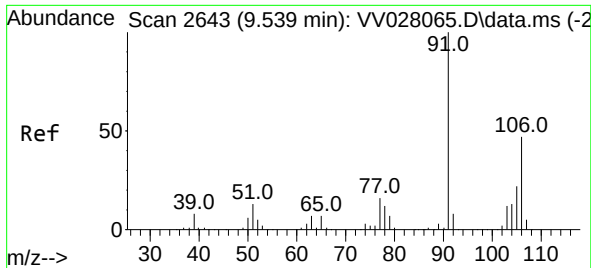
Tgt Ion: 106 Resp: 17587

Ion Ratio Lower Upper

106 100

91 209.2 141.9 263.5

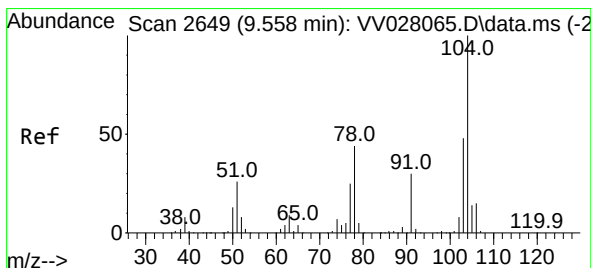
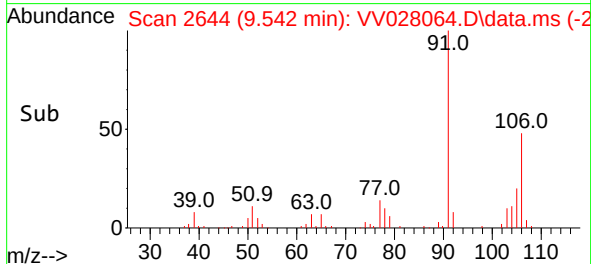
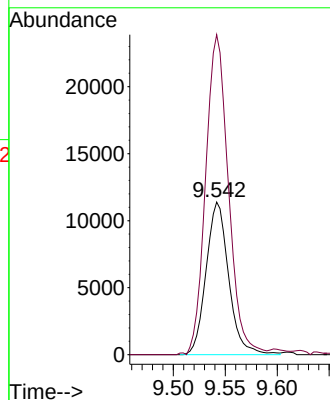
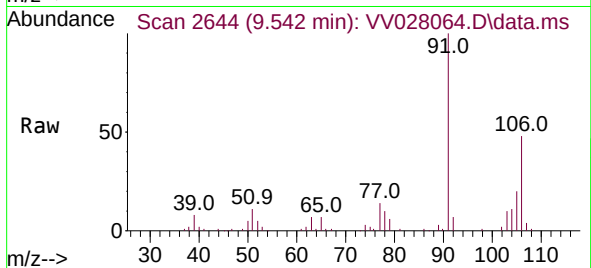




#54
o-Xylene
Concen: 0.831 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

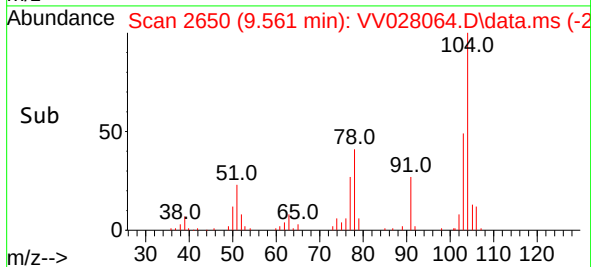
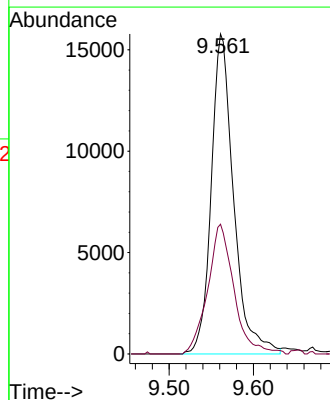
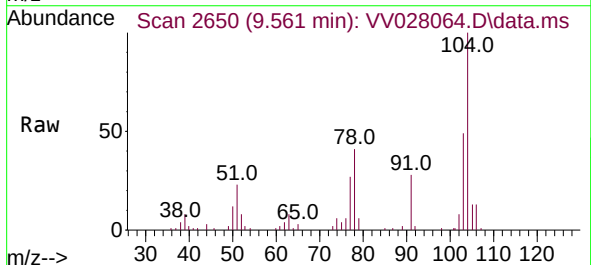
Instrument :
MSVOA_V
ClientSampleId :

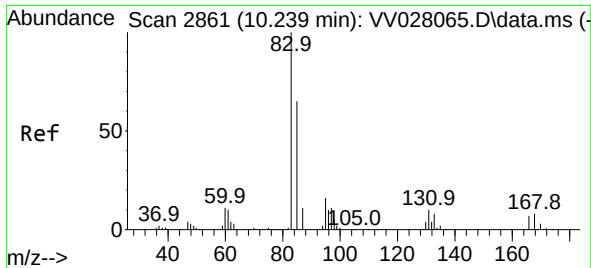
Tgt Ion:106 Resp: 17232
Ion Ratio Lower Upper
106 100
91 209.7 148.1 275.0



#55
Styrene
Concen: 0.808 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

Tgt Ion:104 Resp: 29102
Ion Ratio Lower Upper
104 100
78 40.5 31.0 57.6

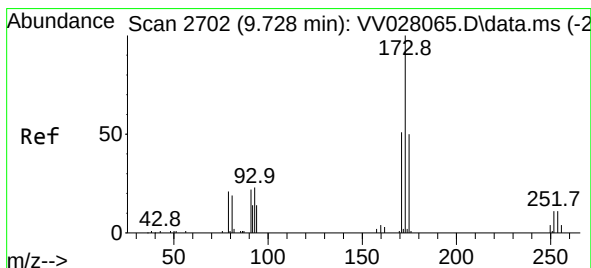
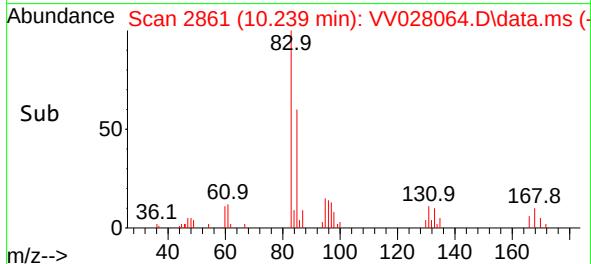
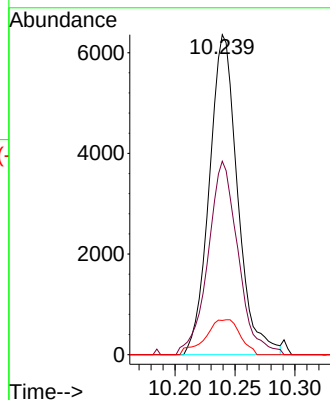
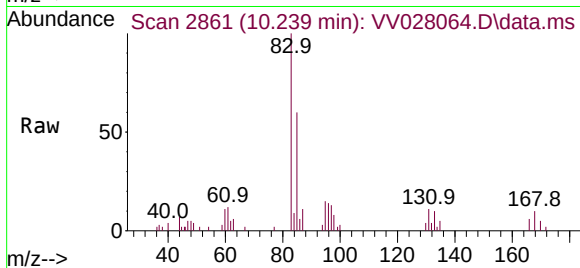




#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.877 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV028064.D
 Acq: 22 Sep 2022 16:31

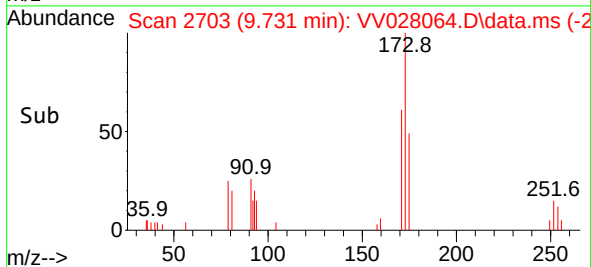
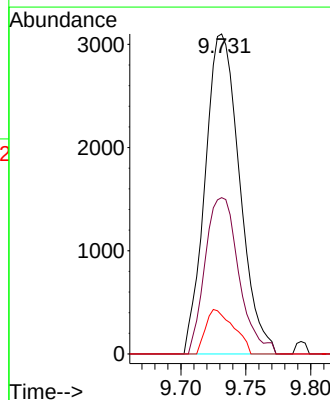
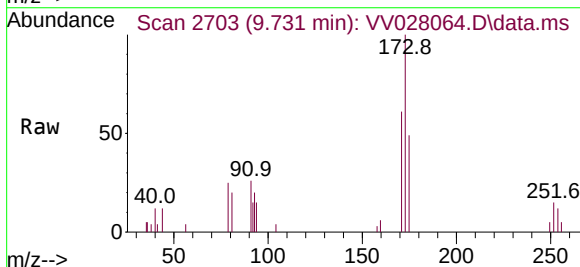
Instrument :
 MSVOA_V
 ClientSampleId :

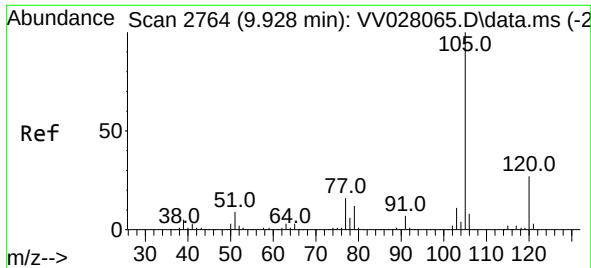
Tgt Ion:	83	Resp:	10432
Ion	Ratio	Lower	Upper
83	100		
85	60.5	45.2	84.0
131	10.7	7.8	11.8



#59
 Bromoform
 Concen: 0.996 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV028064.D
 Acq: 22 Sep 2022 16:31

Tgt Ion:	173	Resp:	5727
Ion	Ratio	Lower	Upper
173	100		
175	47.9	39.0	58.4
254	11.2	8.7	13.1

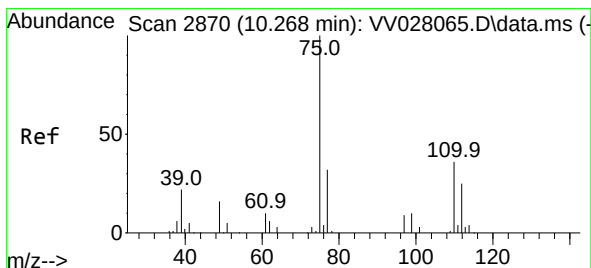
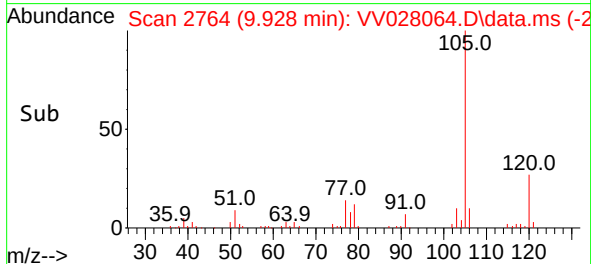
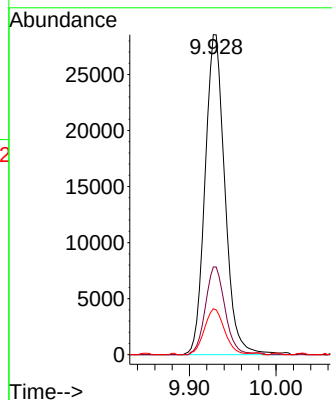
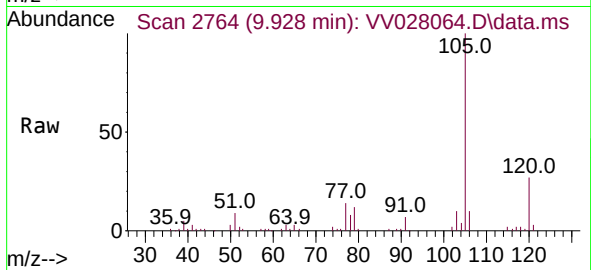




#60
Isopropylbenzene
Concen: 0.921 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. -0.000 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

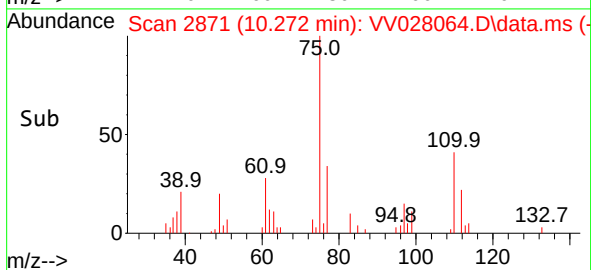
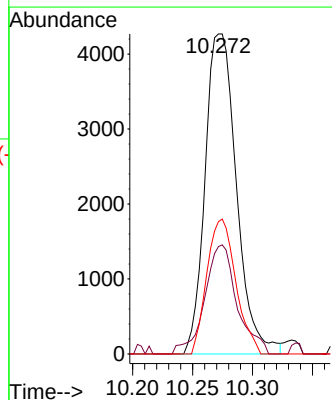
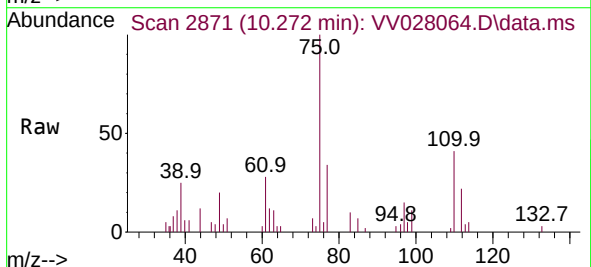
Instrument :
MSVOA_V
ClientSampleId :

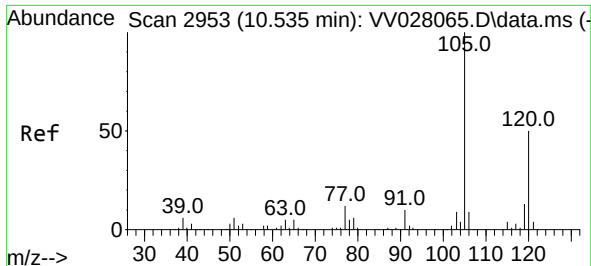
Tgt Ion:105 Resp: 45385
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.0
77 14.6 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 1.171 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

Tgt Ion: 75 Resp: 7779
Ion Ratio Lower Upper
75 100
77 35.1 26.7 40.1
110 38.7 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 1.013 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

Instrument :

MSVOA_V

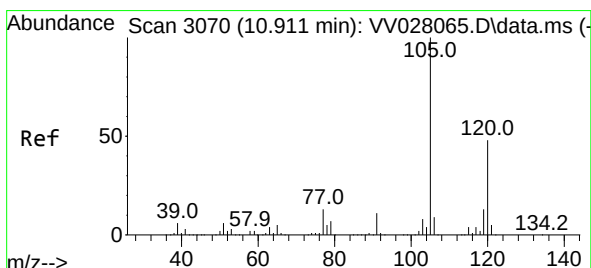
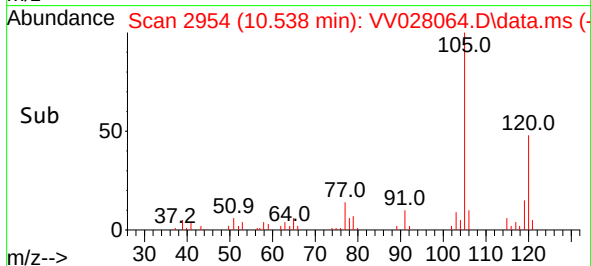
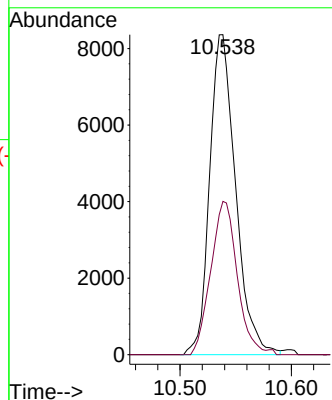
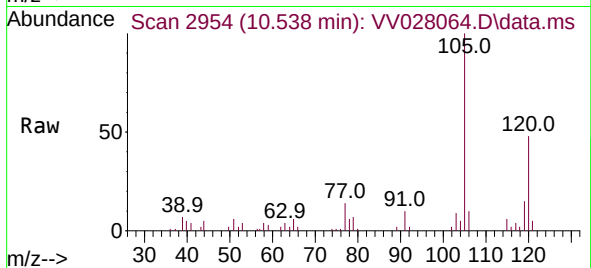
ClientSampleId :

Tgt Ion:105 Resp: 13533

Ion Ratio Lower Upper

105 100

120 49.1 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 0.888 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV028064.D

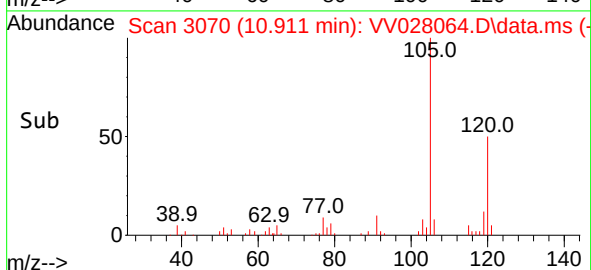
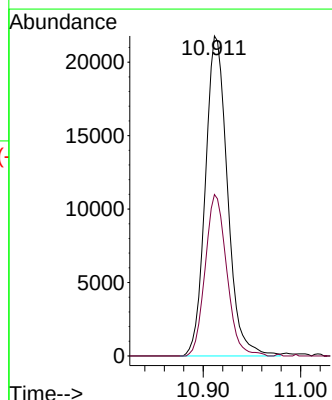
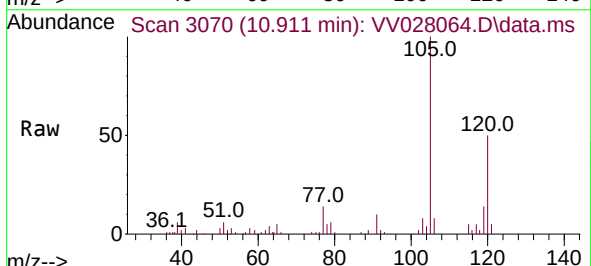
Acq: 22 Sep 2022 16:31

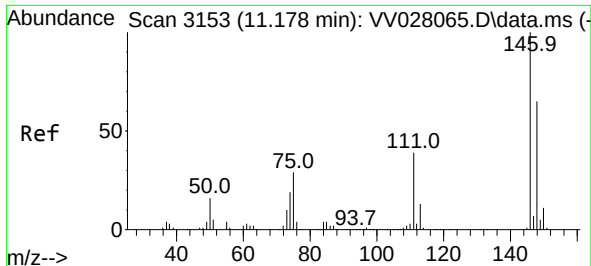
Tgt Ion:105 Resp: 34338

Ion Ratio Lower Upper

105 100

120 49.1 37.8 56.8





#64

1,3-Dichlorobenzene

Concen: 0.905 ug/L

RT: 11.181 min Scan# 3153

Delta R.T. 0.003 min

Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

Instrument :

MSVOA_V

ClientSampleId :

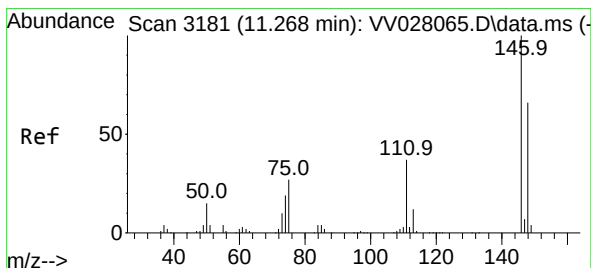
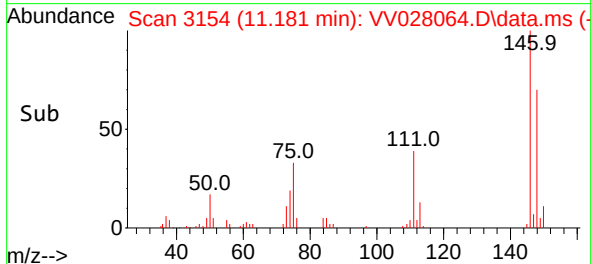
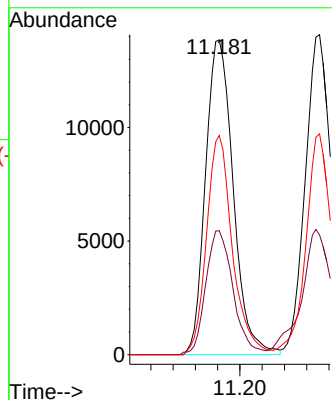
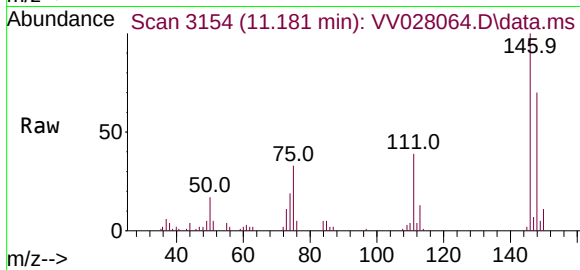
Tgt Ion:146 Resp: 23911

Ion Ratio Lower Upper

146 100

111 39.4 27.1 50.3

148 69.6 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 0.913 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. 0.003 min

Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

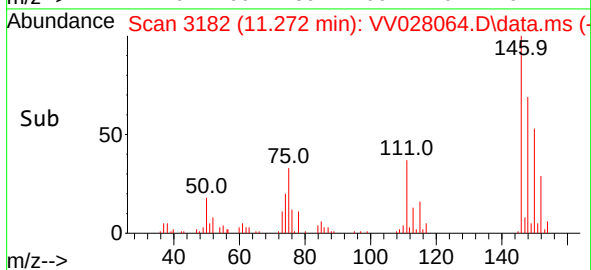
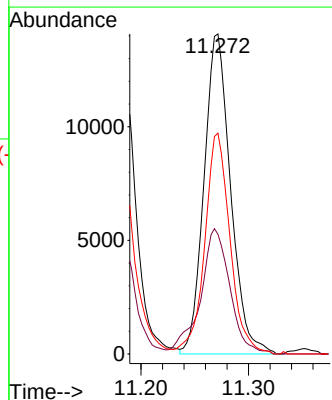
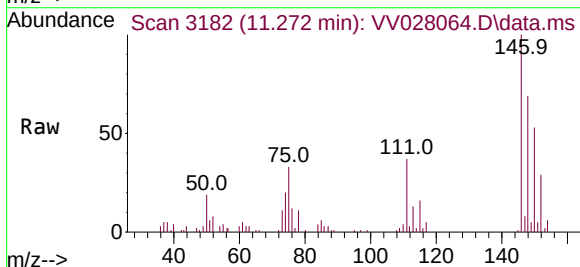
Tgt Ion:146 Resp: 24178

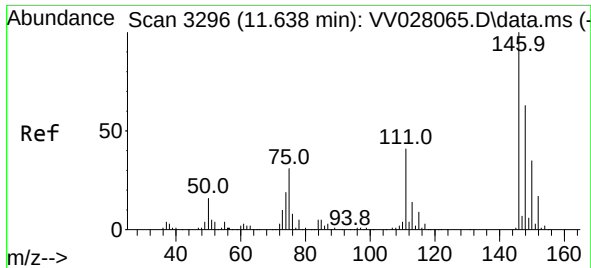
Ion Ratio Lower Upper

146 100

111 37.4 26.2 48.8

148 69.0 45.8 85.2

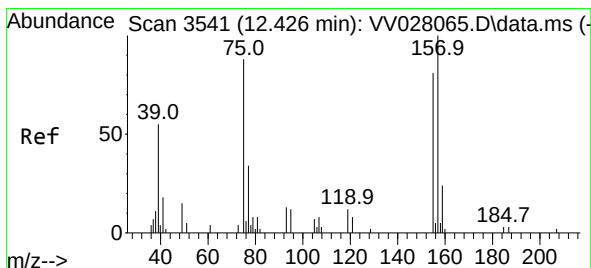
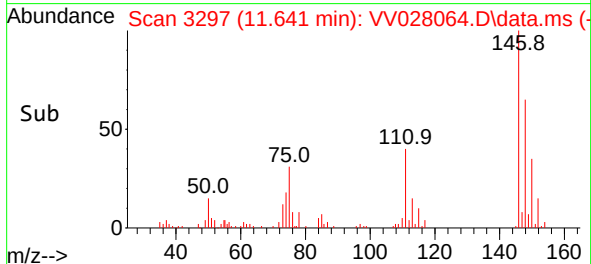
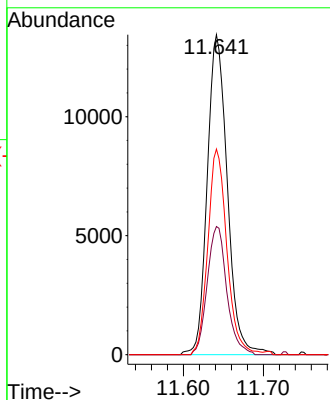
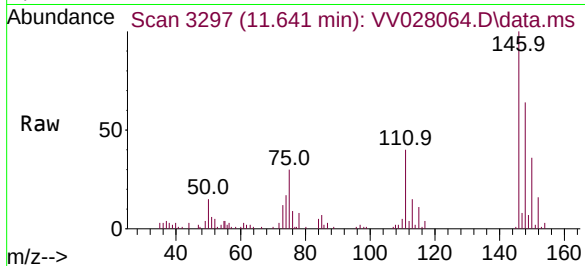




#67
1,2-Dichlorobenzene
Concen: 0.966 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

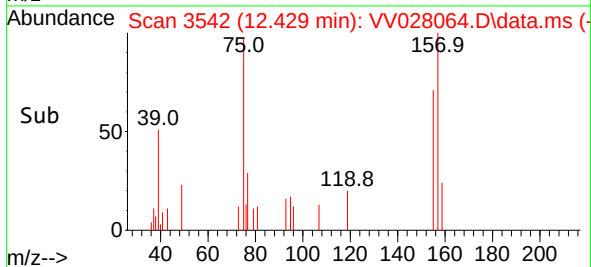
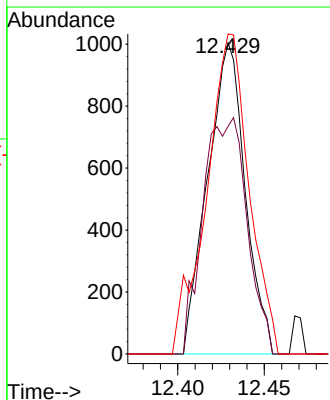
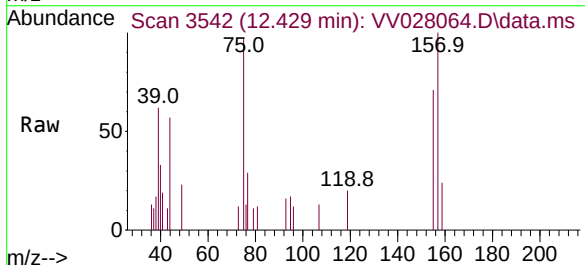
Instrument :
MSVOA_V
ClientSampleId :

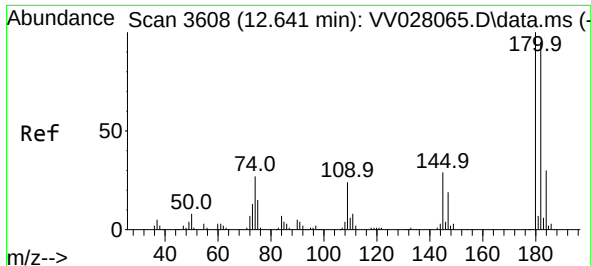
Tgt Ion:146 Resp: 23498
Ion Ratio Lower Upper
146 100
111 40.1 32.6 49.0
148 64.3 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 1.017 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

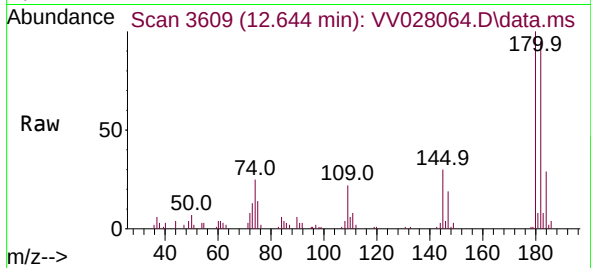
Tgt Ion: 75 Resp: 1514
Ion Ratio Lower Upper
75 100
155 73.2 73.6 110.4#
157 102.9 90.7 136.1



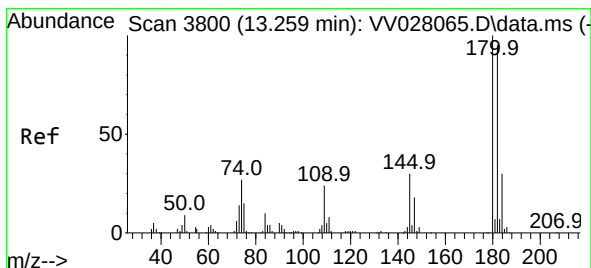
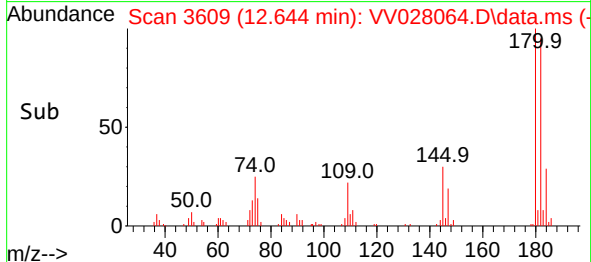
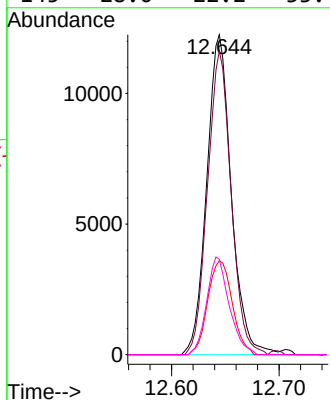


#69
1,3,5-Trichlorobenzene
Concen: 0.925 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.003 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

Instrument :
MSVOA_V
ClientSampleId :

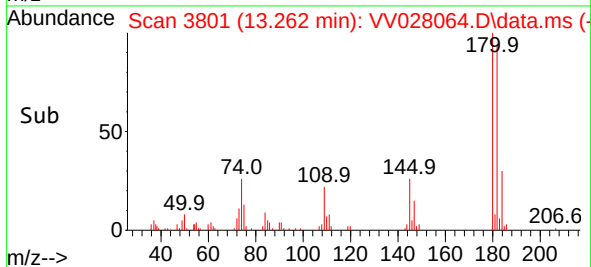
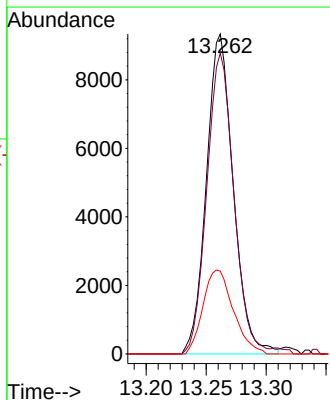
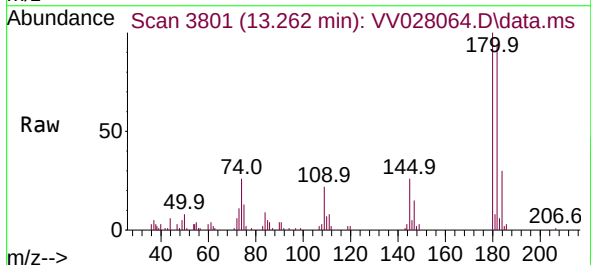


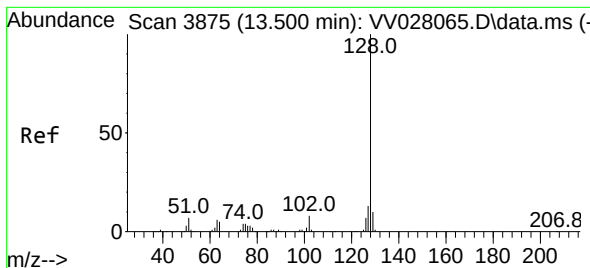
Tgt Ion:180 Resp: 19422
Ion Ratio Lower Upper
180 100
182 91.3 75.5 113.3
184 29.4 23.7 35.5
145 28.0 22.2 33.4



#70
1,2,4-trichlorobenzene
Concen: 0.873 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV028064.D
Acq: 22 Sep 2022 16:31

Tgt Ion:180 Resp: 14559
Ion Ratio Lower Upper
180 100
182 94.2 76.3 114.5
145 29.6 22.9 34.3





#71

Naphthalene

Concen: 0.928 ug/L

RT: 13.503 min Scan# 3911

Delta R.T. 0.003 min

Lab File: VV028064.D

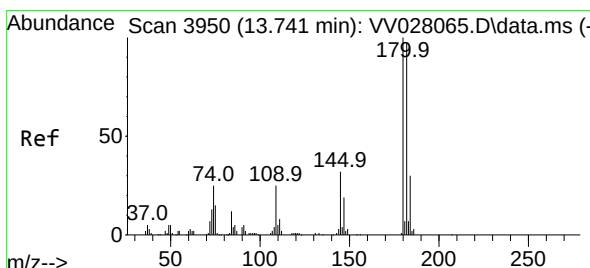
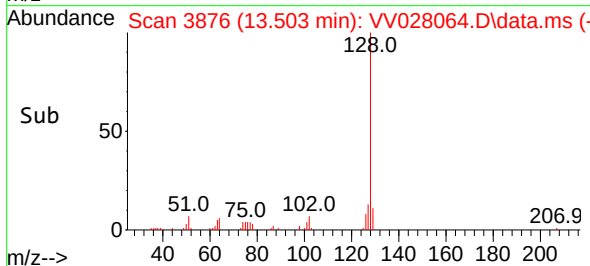
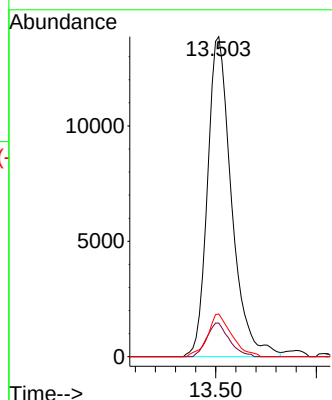
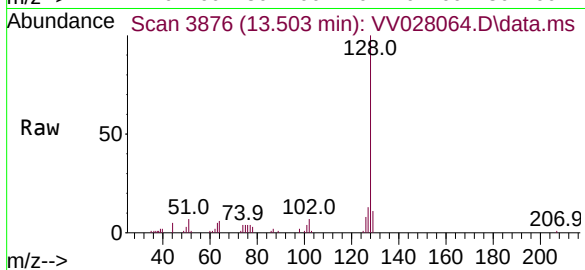
Acq: 22 Sep 2022 16:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	23003
Ion Ratio	Lower	Upper	
128	100		
129	9.8	8.2	12.2
127	13.3	10.4	15.6



#72

1,2,3-Trichlorobenzene

Concen: 0.885 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV028064.D

Acq: 22 Sep 2022 16:31

Tgt Ion:	180	Resp:	13148
Ion Ratio	Lower	Upper	
180	100		
182	94.8	77.4	116.0
145	30.8	24.6	36.8

