

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025060.D
 Acq On : 16 Mar 2022 20:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 02:06:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 01:58:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	164799	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	156583	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75562	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	52318	4.021	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.571	69	41803	4.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.111	63	94708	4.504	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	3.899	46	97095	61.750	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.500%
24) Chloroform-d	4.352	84	102002	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.034	65	42688	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.053	84	200712	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.072	67	59596	4.563	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.317	98	180951	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.622	79	19711	4.329	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.088	63	79778	51.365	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39075	5.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	58805	4.597	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	69668	4.785	ug/L	98
3) Chloromethane	1.243	50	69476	5.059	ug/L	99
5) Vinyl chloride	1.314	62	76378	5.271	ug/L	100
6) Bromomethane	1.526	94	48425	5.172	ug/L	100
8) Chloroethane	1.587	64	46942	5.343	ug/L	99
9) Trichlorofluoromethane	1.757	101	101447	5.148	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	53007	4.961	ug/L	99
12) 1,1-Dichloroethene	2.121	96	57374	5.465	ug/L	98
13) Acetone	2.188	43	67835	64.506	ug/L	81
14) Carbon disulfide	2.297	76	186328	4.960	ug/L	99
15) Methyl Acetate	2.445	43	18313	6.356	ug/L	94
16) Methylene chloride	2.510	84	67591	5.313	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	128600	5.624	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	67711	5.359	ug/L	100
19) 1,1-Dichloroethane	3.191	63	117977	5.487	ug/L	99
21) 2-Butanone	3.979	43	111657	67.273	ug/L	87
22) cis-1,2-Dichloroethene	3.912	96	70041	5.491	ug/L	99
23) Bromochloromethane	4.252	128	27286	5.426	ug/L	95
25) Chloroform	4.378	83	123395	5.512	ug/L	98

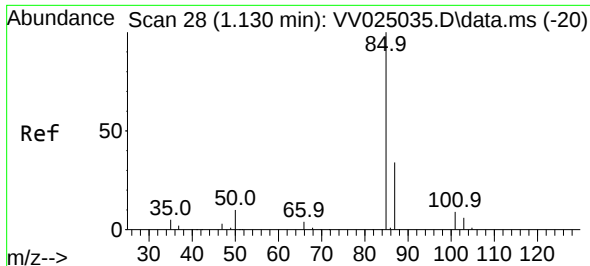
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025060.D
 Acq On : 16 Mar 2022 20:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 02:06:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 01:58:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	60822	5.463	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	105300	5.273	ug/L	98
30) Cyclohexane	4.680	56	92721	4.772	ug/L	98
31) Carbon tetrachloride	4.828	117	89663	5.234	ug/L	99
33) Benzene	5.101	78	272240	5.345	ug/L	100
34) Trichloroethene	5.915	95	71278	5.256	ug/L	98
35) Methylcyclohexane	6.130	83	95660	4.456	ug/L	99
37) 1,2-Dichloropropane	6.175	63	65010	5.554	ug/L	99
38) Bromodichloromethane	6.510	83	79415	5.366	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	84122	5.177	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	278195	57.765	ug/L	98
42) Toluene	7.387	91	287214	5.389	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	66817	5.225	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	43495	5.564	ug/L	99
47) Tetrachloroethene	7.976	164	49096	5.146	ug/L	96
48) 2-Hexanone	8.140	43	194827	57.063	ug/L	98
49) Dibromochloromethane	8.246	129	47372	5.414	ug/L	96
50) 1,2-Dibromoethane	8.352	107	39060	5.460	ug/L	99
51) Chlorobenzene	8.879	112	177604	5.321	ug/L	99
52) Ethylbenzene	9.011	91	304358	5.398	ug/L	97
53) m,p-xylene	9.136	106	116524	5.366	ug/L	100
54) o-xylene	9.542	106	113550	5.469	ug/L	97
55) Styrene	9.561	104	192826	5.702	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	44348	5.787	ug/L	99
59) Bromoform	9.731	173	20426	5.019	ug/L	98
60) Isopropylbenzene	9.931	105	303153	5.320	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	34504	5.430	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	132717	5.133	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	244835	5.346	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	130702	5.288	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	128448	5.155	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	118120	5.393	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	5864	5.383	ug/L	92
69) 1,3,5-Trichlorobenzene	12.641	180	86657	4.963	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	69985	5.144	ug/L	97
71) Naphthalene	13.500	128	122853	5.438	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	62708	5.440	ug/L	99

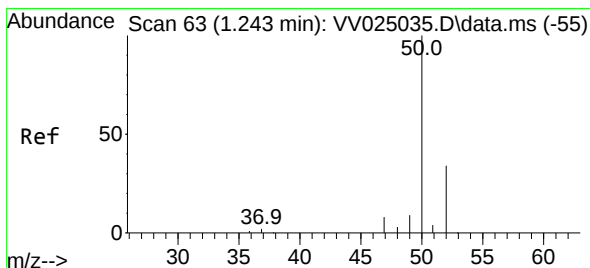
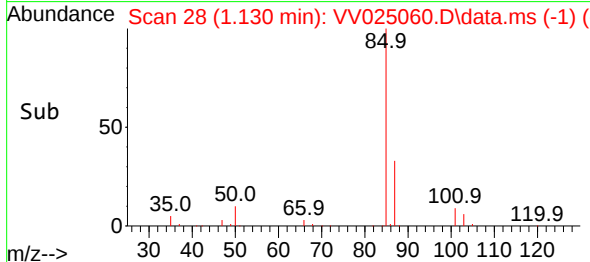
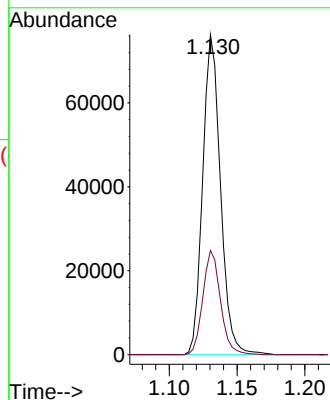
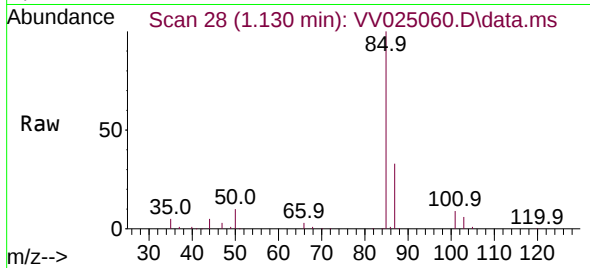
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.785 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV025060.D
 Acq: 16 Mar 2022 20:31

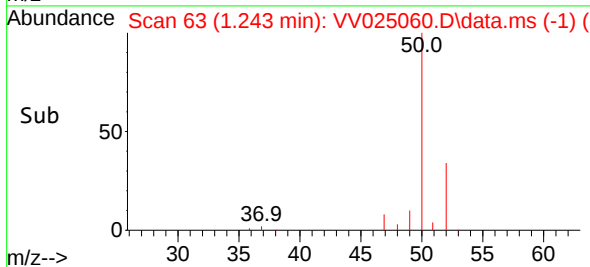
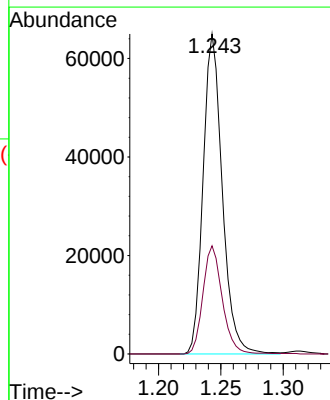
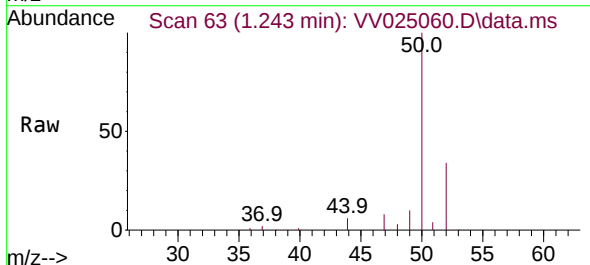
Instrument :
 MSVOA_V
 ClientSampleId :

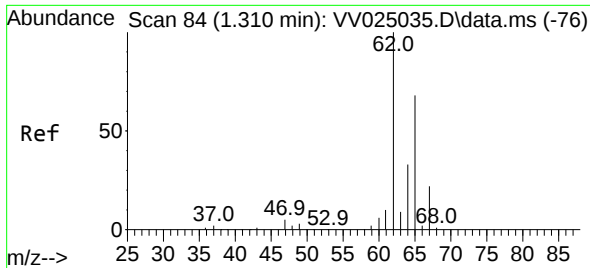
Tgt Ion: 85 Resp: 69668
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.7 40.1



#3
 Chloromethane
 Concen: 5.059 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025060.D
 Acq: 16 Mar 2022 20:31

Tgt Ion: 50 Resp: 69476
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.2 43.2

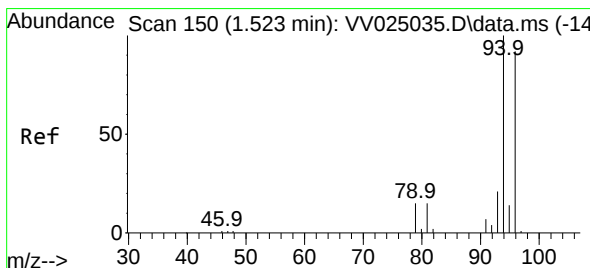
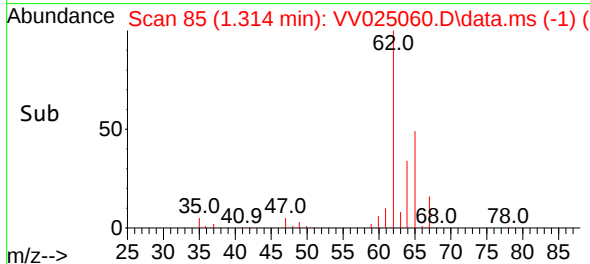
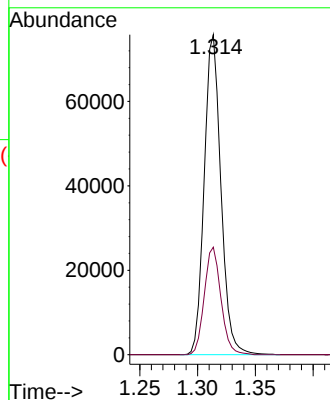
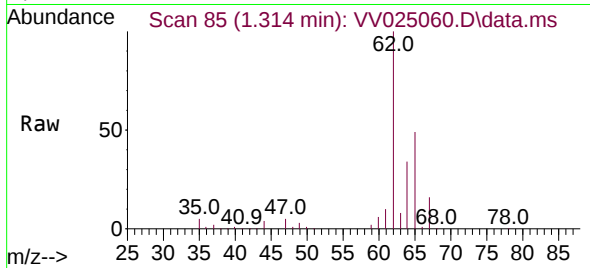




#5
 Vinyl chloride
 Concen: 5.271 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025060.D
 Acq: 16 Mar 2022 20:31

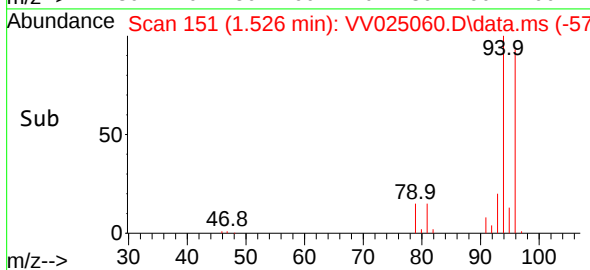
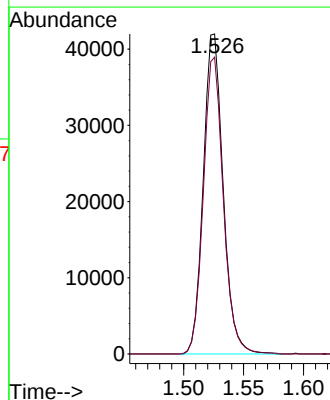
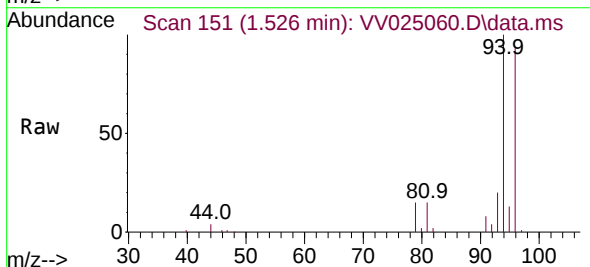
Instrument :
 MSVOA_V
 ClientSampleId :

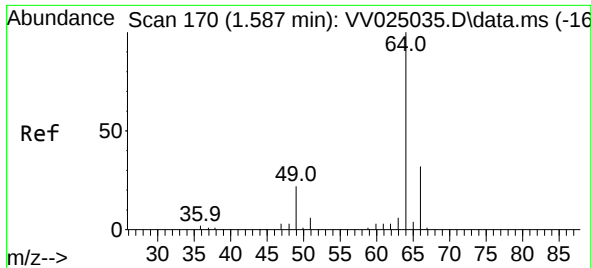
Tgt Ion: 62 Resp: 76378
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.4 43.4



#6
 Bromomethane
 Concen: 5.172 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV025060.D
 Acq: 16 Mar 2022 20:31

Tgt Ion: 94 Resp: 48425
 Ion Ratio Lower Upper
 94 100
 96 92.8 64.9 120.5

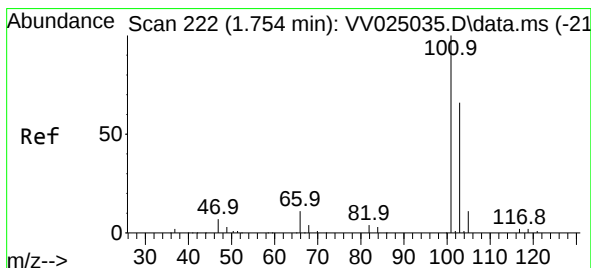
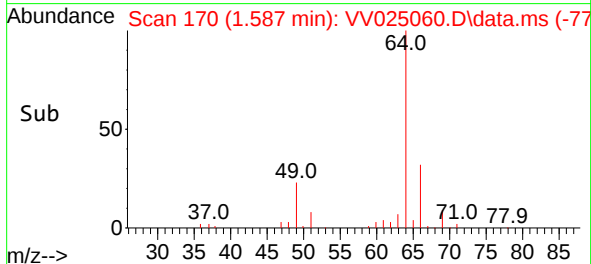
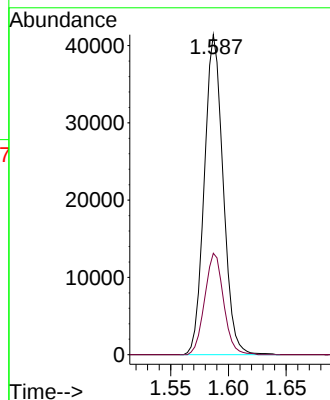
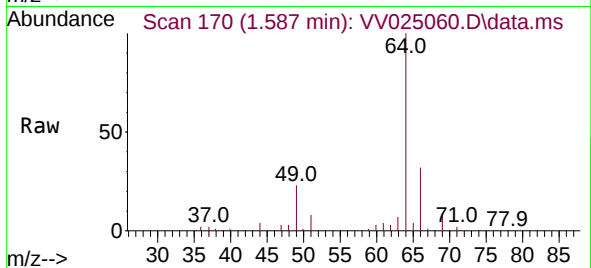




#8
Chloroethane
Concen: 5.343 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

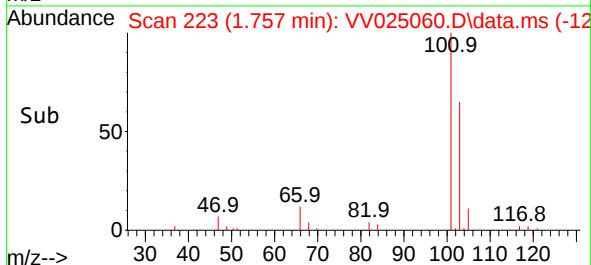
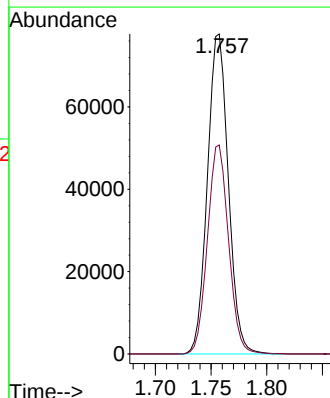
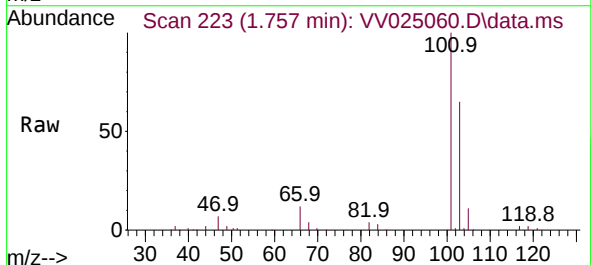
Instrument :
MSVOA_V
ClientSampleId :

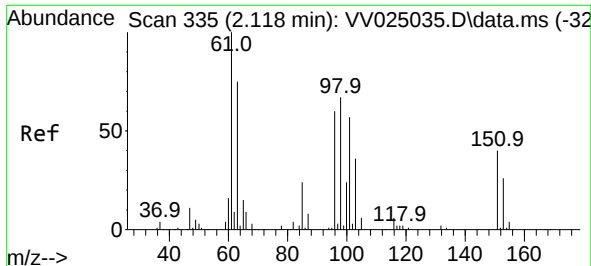
Tgt Ion: 64 Resp: 46942
Ion Ratio Lower Upper
64 100
66 31.7 22.5 41.7



#9
Trichlorofluoromethane
Concen: 5.148 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

Tgt Ion:101 Resp: 101447
Ion Ratio Lower Upper
101 100
103 65.8 51.5 77.3

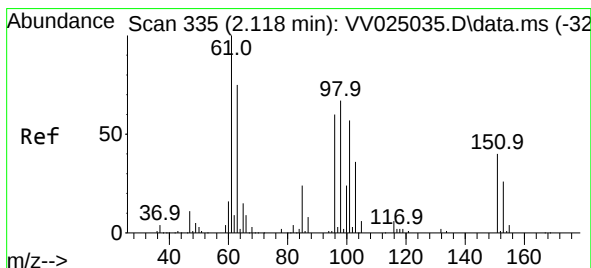
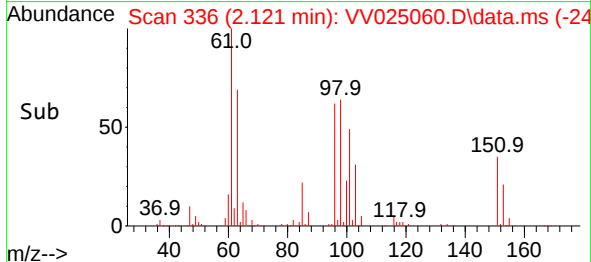
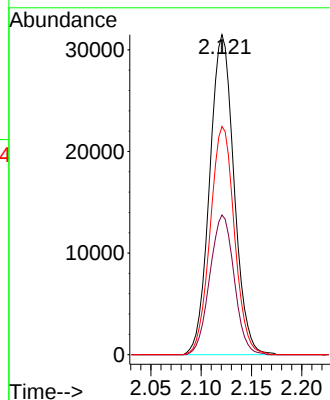
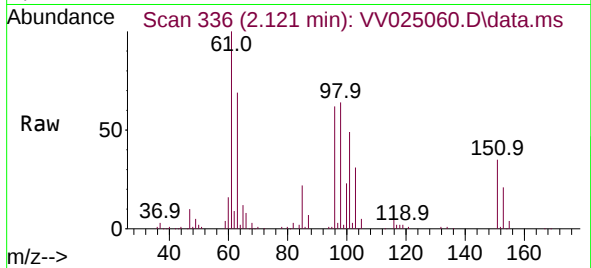




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.961 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025060.D
 Acq: 16 Mar 2022 20:31

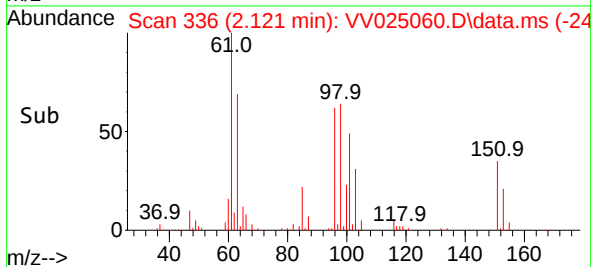
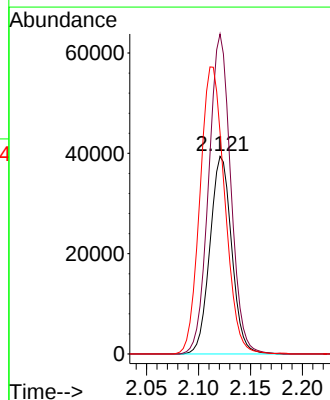
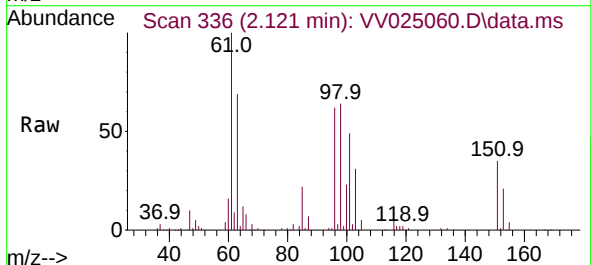
Instrument :
 MSVOA_V
 ClientSampleId :

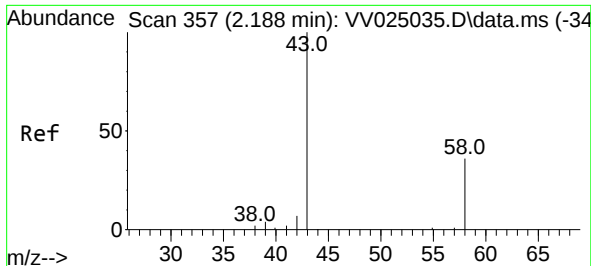
Tgt Ion:101 Resp: 53007
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.8 52.2
 151 71.0 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 5.465 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025060.D
 Acq: 16 Mar 2022 20:31

Tgt Ion: 96 Resp: 57374
 Ion Ratio Lower Upper
 96 100
 61 161.9 113.0 209.9
 63 112.0 82.1 152.5





#13

Acetone

Concen: 64.506 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

Instrument :

MSVOA_V

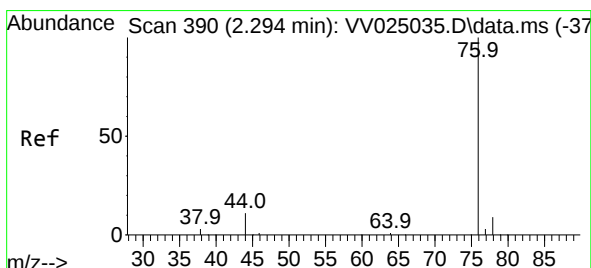
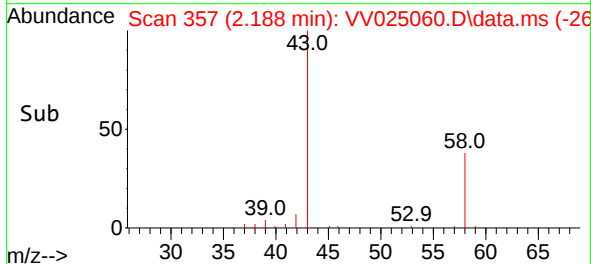
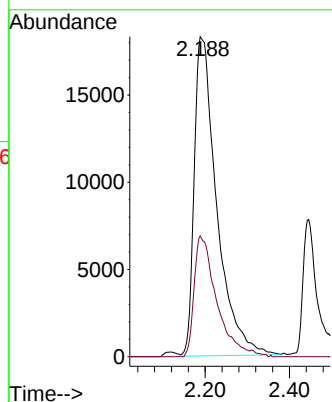
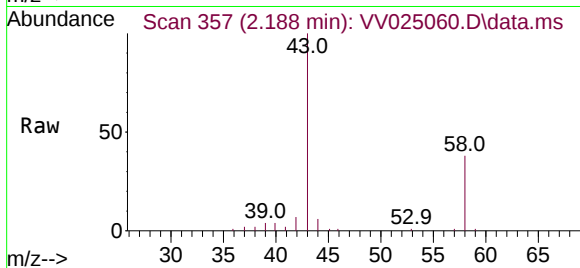
ClientSampleId :

Tgt Ion: 43 Resp: 67835

Ion Ratio Lower Upper

43 100

58 37.1 0.0 54.2



#14

Carbon disulfide

Concen: 4.960 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025060.D

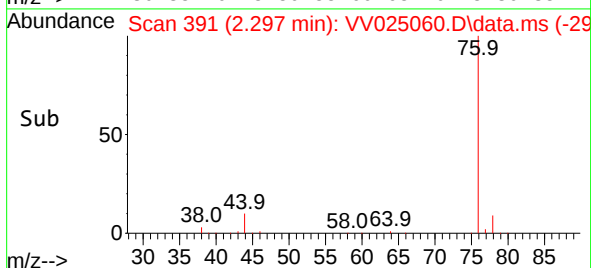
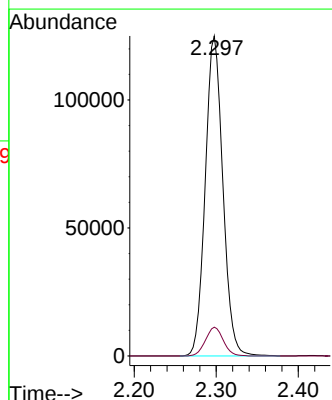
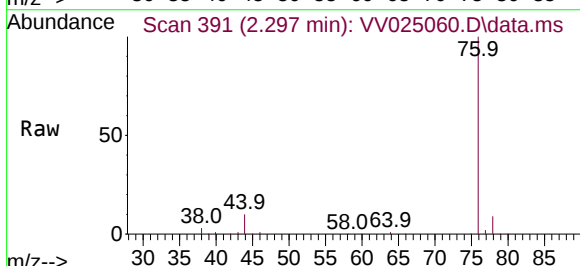
Acq: 16 Mar 2022 20:31

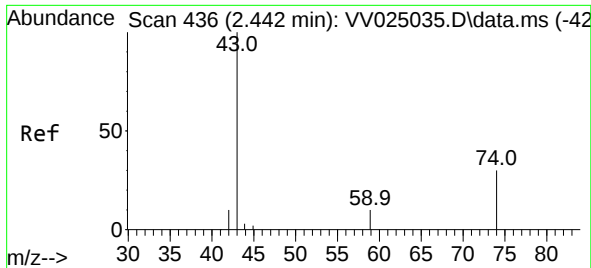
Tgt Ion: 76 Resp: 186328

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

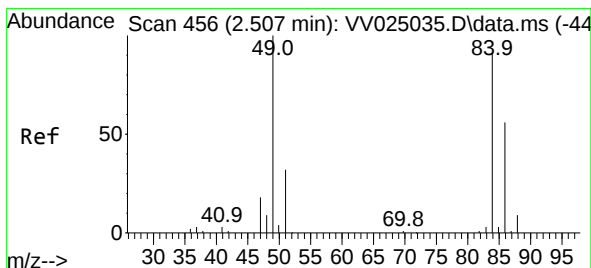
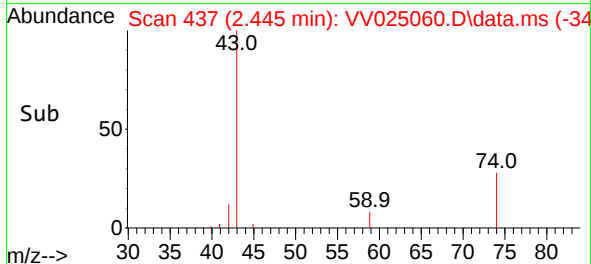
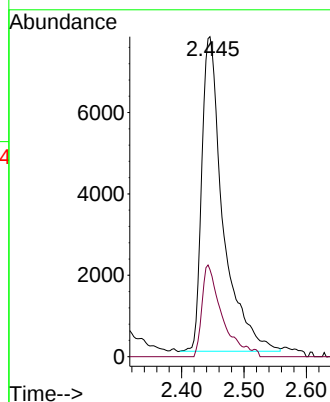
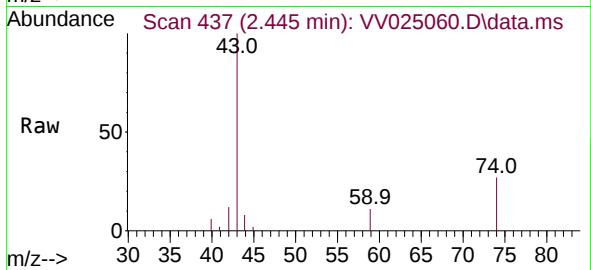




#15
Methyl Acetate
Concen: 6.356 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

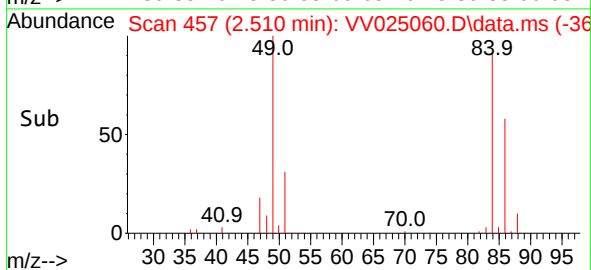
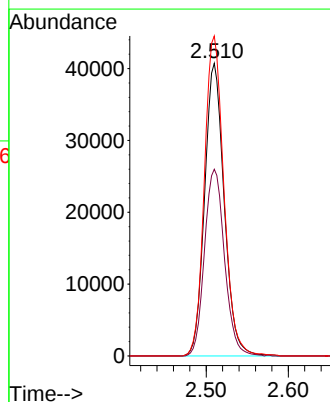
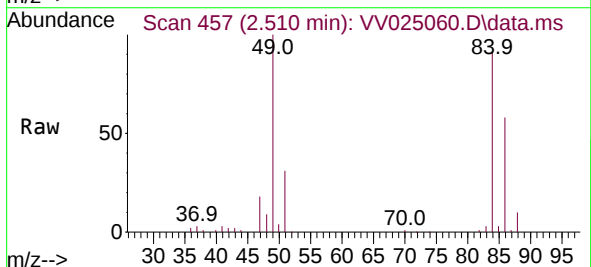
Instrument :
MSVOA_V
ClientSampleId :

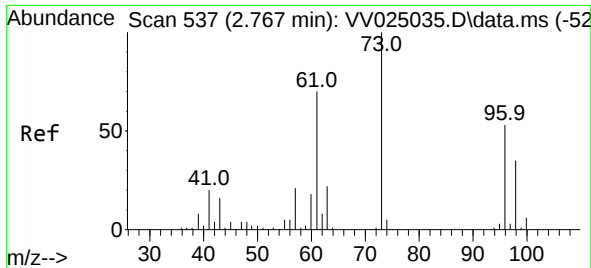
Tgt Ion: 43 Resp: 18313
Ion Ratio Lower Upper
43 100
74 27.2 24.2 36.4



#16
Methylene chloride
Concen: 5.313 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

Tgt Ion: 84 Resp: 67591
Ion Ratio Lower Upper
84 100
86 63.8 45.5 84.5
49 109.3 75.0 139.2

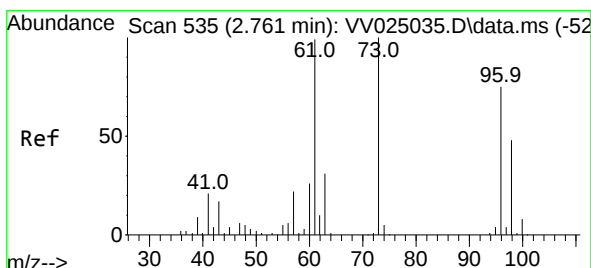
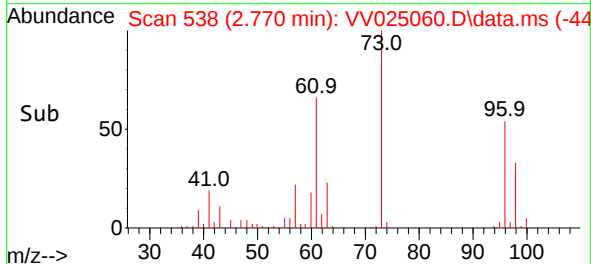
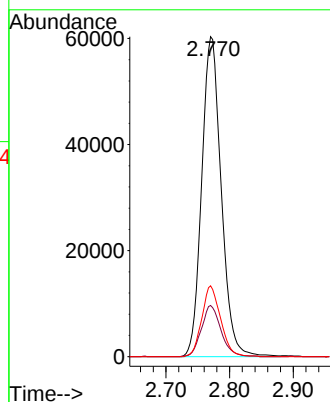
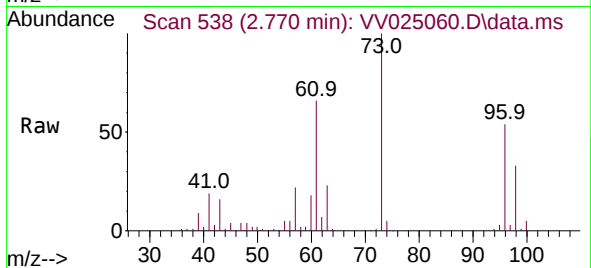




#17
Methyl tert-butyl Ether
Concen: 5.624 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

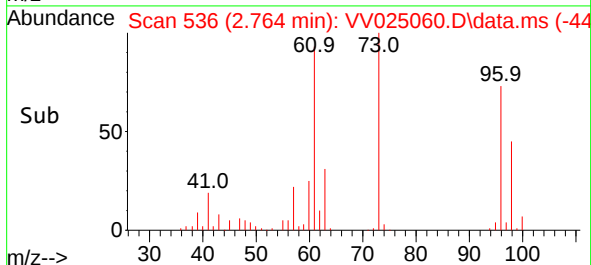
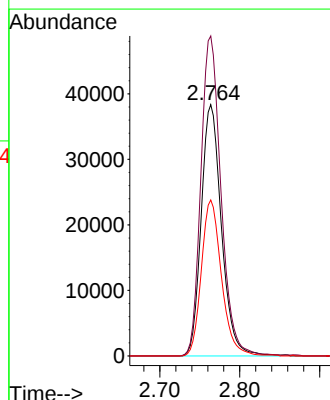
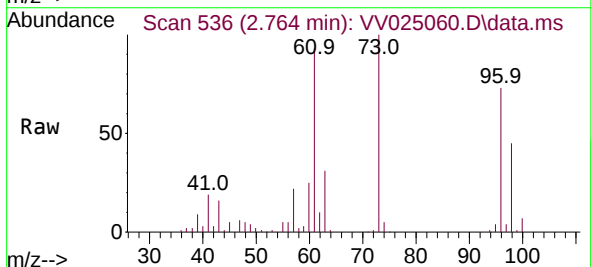
Instrument :
MSVOA_V
ClientSampleId :

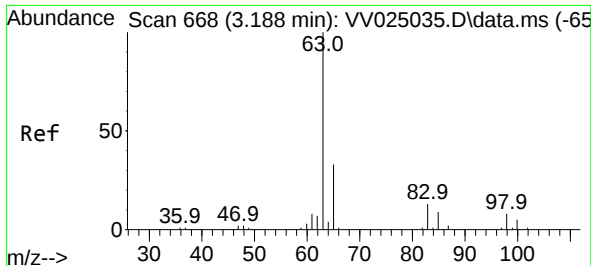
Tgt Ion: 73 Resp: 128600
Ion Ratio Lower Upper
73 100
43 16.1 13.2 19.8
57 21.4 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 5.359 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

Tgt Ion: 96 Resp: 67711
Ion Ratio Lower Upper
96 100
61 127.3 89.2 165.6
98 62.1 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.487 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

Instrument :

MSVOA_V

ClientSampleId :

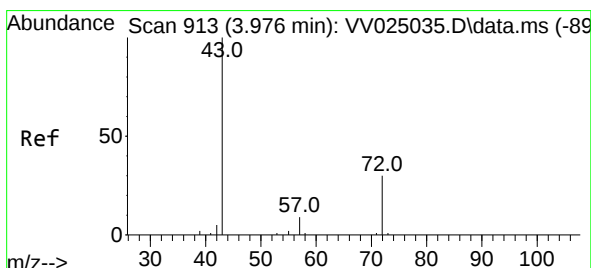
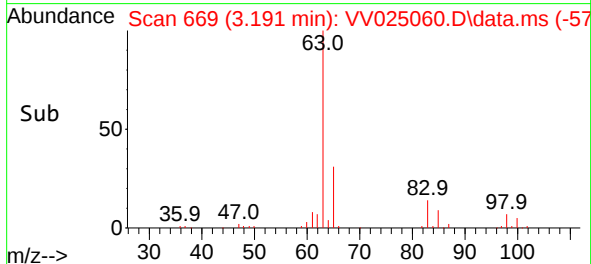
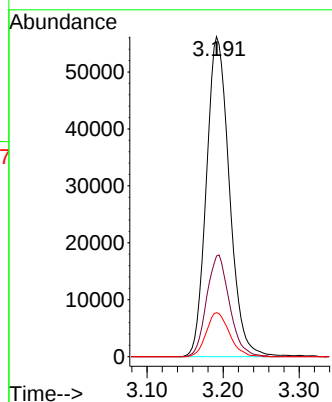
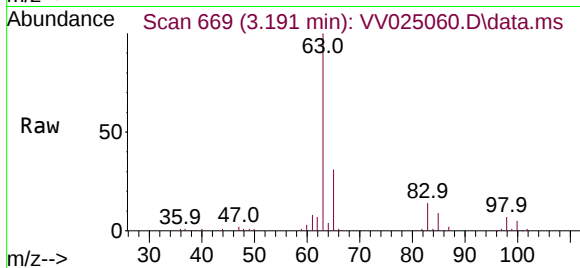
Tgt Ion: 63 Resp: 117977

Ion Ratio Lower Upper

63 100

65 31.4 22.2 41.2

83 13.8 9.4 17.4



#21

2-Butanone

Concen: 67.273 ug/L

RT: 3.979 min Scan# 914

Delta R.T. 0.003 min

Lab File: VV025060.D

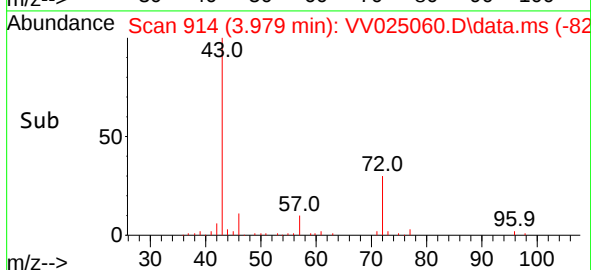
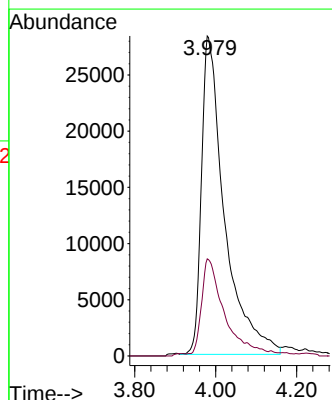
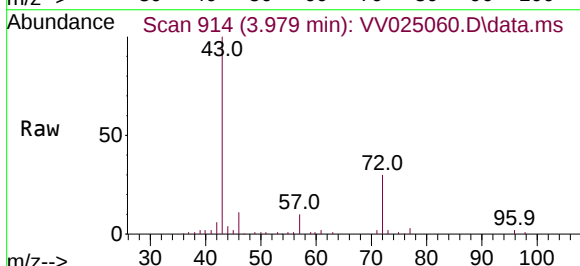
Acq: 16 Mar 2022 20:31

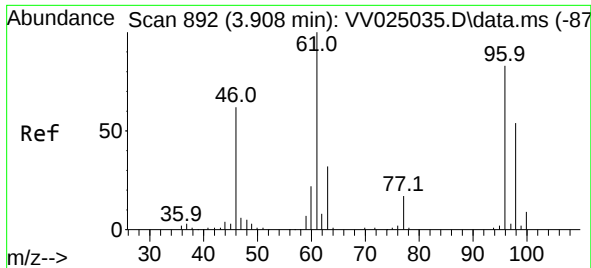
Tgt Ion: 43 Resp: 111657

Ion Ratio Lower Upper

43 100

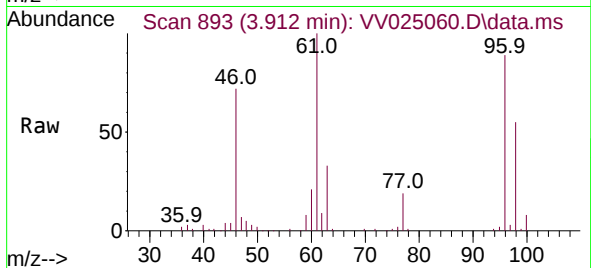
72 26.8 10.4 31.2



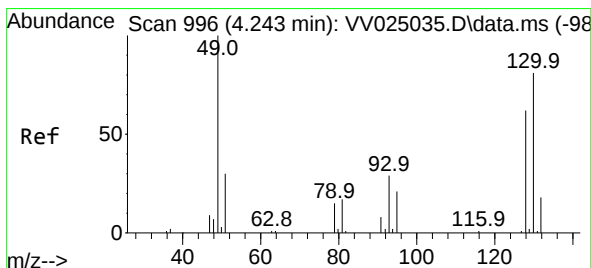
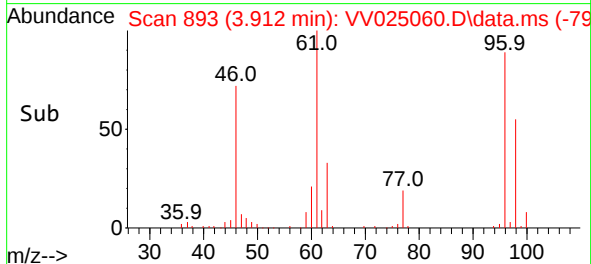
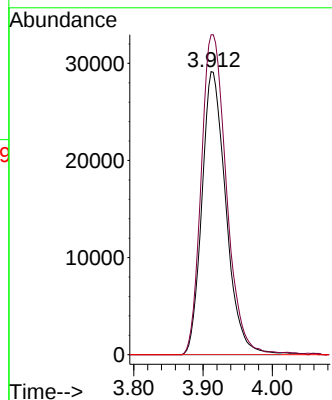


#22
 cis-1,2-Dichloroethene
 Concen: 5.491 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV025060.D
 Acq: 16 Mar 2022 20:31

Instrument :
 MSVOA_V
 ClientSampleId :

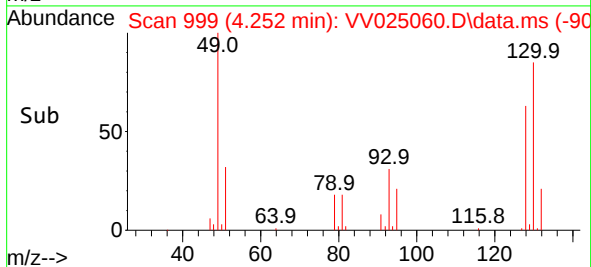
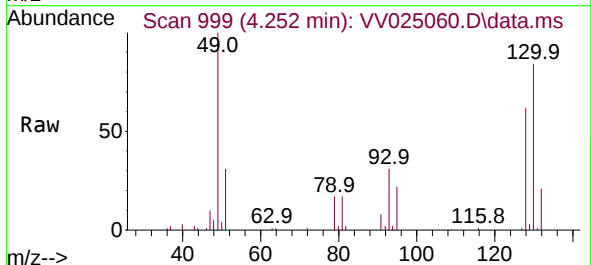
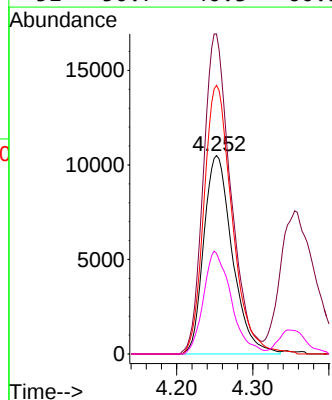


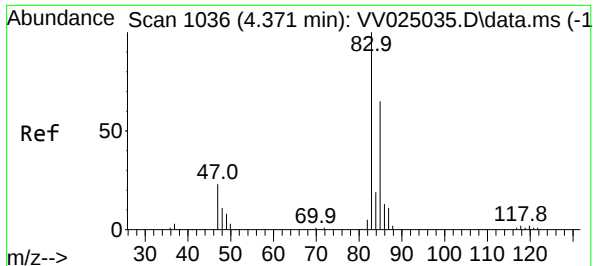
Tgt Ion: 96 Resp: 70041
 Ion Ratio Lower Upper
 96 100
 61 113.0 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.426 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.010 min
 Lab File: VV025060.D
 Acq: 16 Mar 2022 20:31

Tgt Ion: 128 Resp: 27286
 Ion Ratio Lower Upper
 128 100
 49 161.3 107.5 199.7
 130 135.4 89.4 166.0
 51 50.7 40.3 60.5





#25

Chloroform

Concen: 5.512 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

Instrument :

MSVOA_V

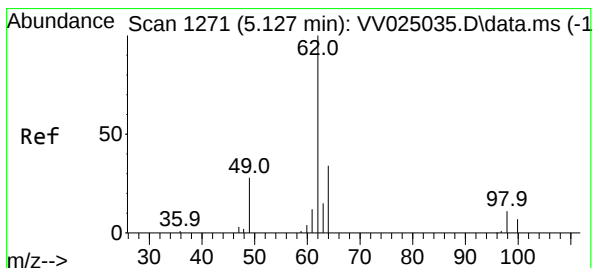
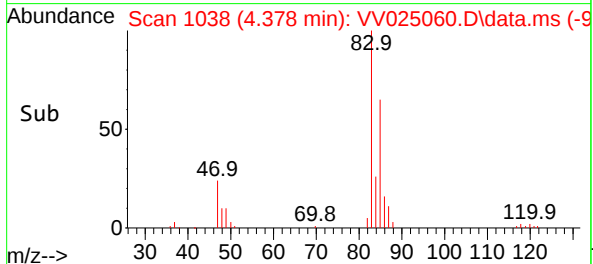
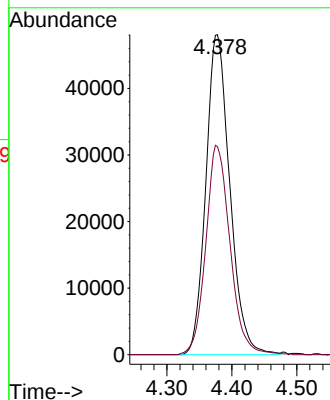
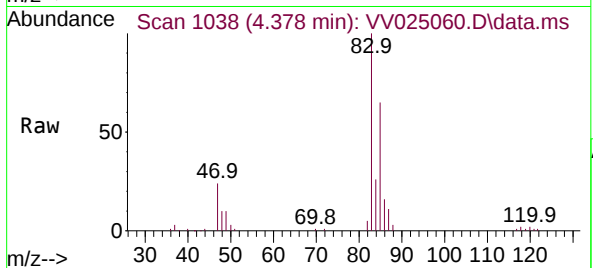
ClientSampleId :

Tgt Ion: 83 Resp: 123395

Ion Ratio Lower Upper

83 100

85 65.0 44.5 82.7



#27

1,2-Dichloroethane

Concen: 5.463 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV025060.D

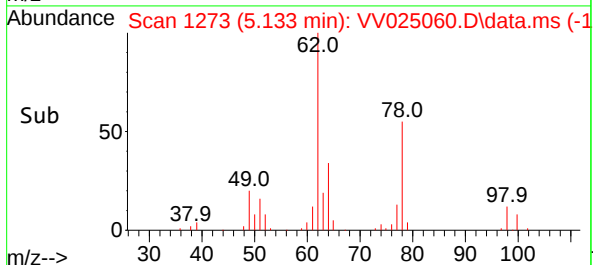
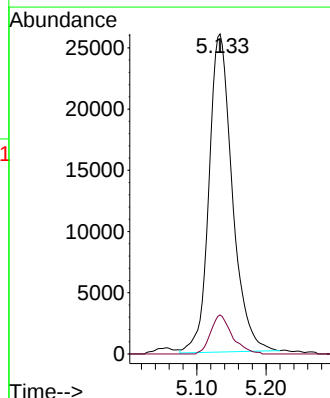
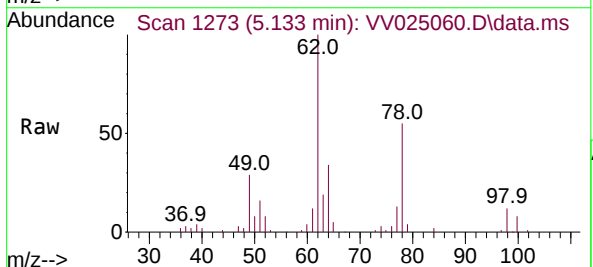
Acq: 16 Mar 2022 20:31

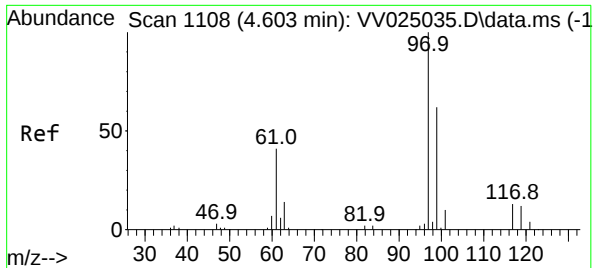
Tgt Ion: 62 Resp: 60822

Ion Ratio Lower Upper

62 100

98 12.2 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.273 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

Instrument :

MSVOA_V

ClientSampleId :

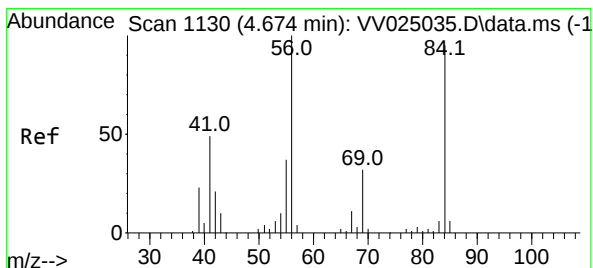
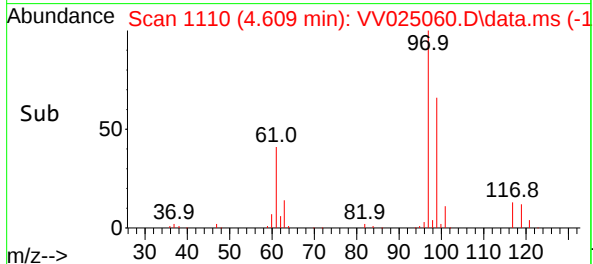
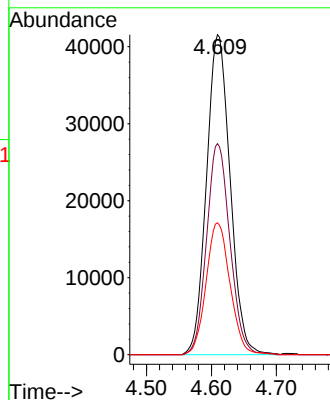
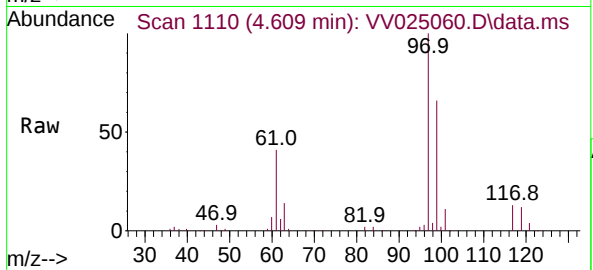
Tgt Ion: 97 Resp: 105300

Ion Ratio Lower Upper

97 100

99 65.2 50.7 76.1

61 41.8 32.4 48.6



#30

Cyclohexane

Concen: 4.772 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

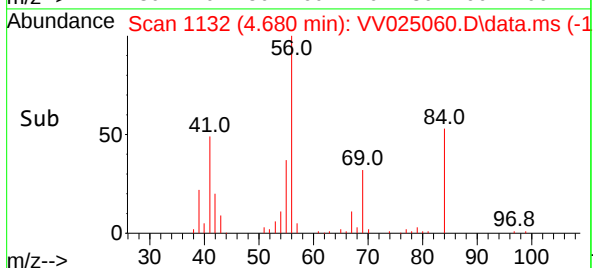
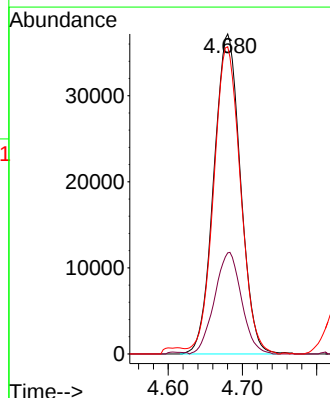
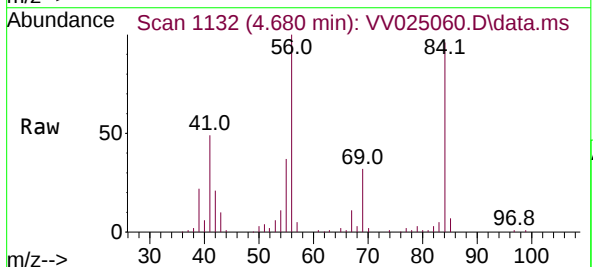
Tgt Ion: 56 Resp: 92721

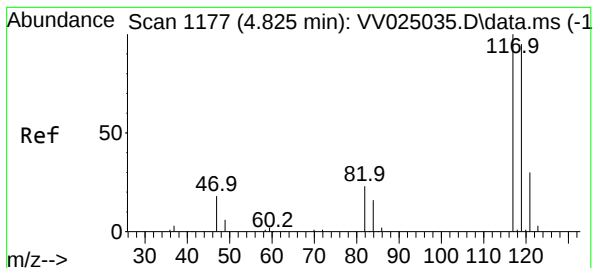
Ion Ratio Lower Upper

56 100

69 32.1 24.9 37.3

84 96.8 75.9 113.9





#31

Carbon tetrachloride

Concen: 5.234 ug/L

RT: 4.828 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

Instrument :

MSVOA_V

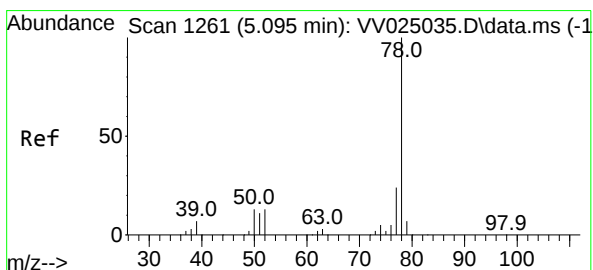
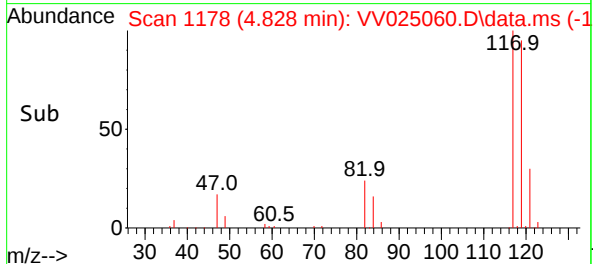
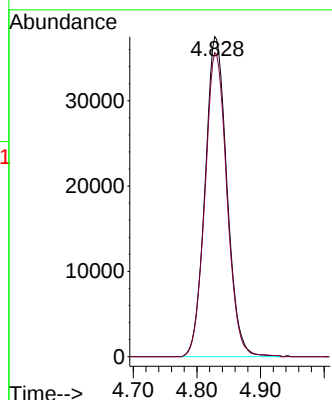
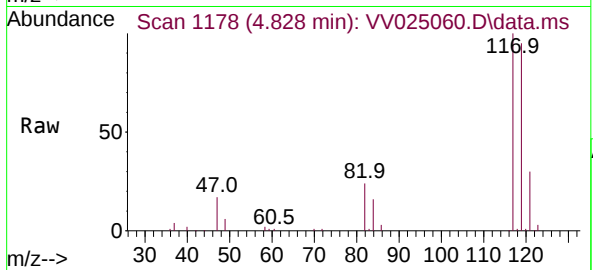
ClientSampleId :

Tgt Ion:117 Resp: 89663

Ion Ratio Lower Upper

117 100

119 95.5 76.8 115.2



#33

Benzene

Concen: 5.345 ug/L

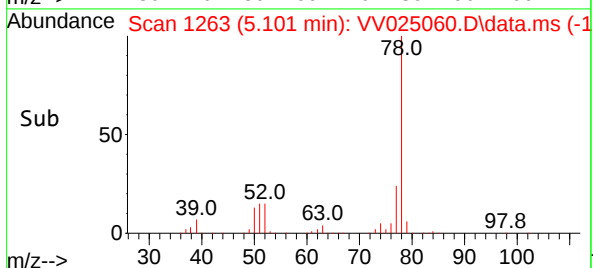
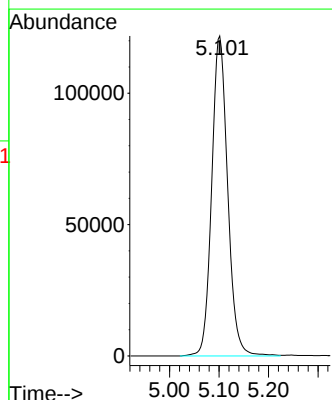
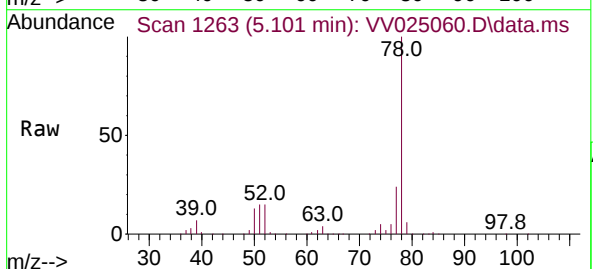
RT: 5.101 min Scan# 1263

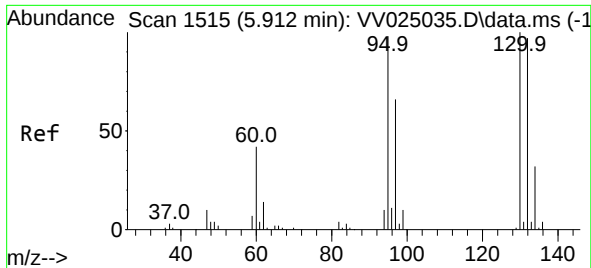
Delta R.T. 0.006 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

Tgt Ion: 78 Resp: 272240

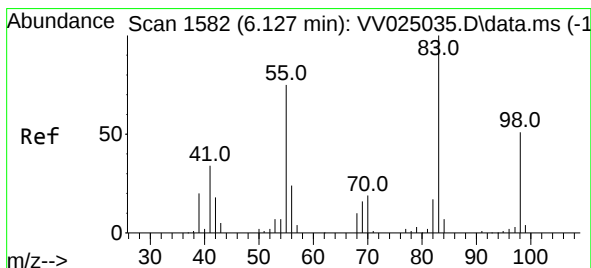
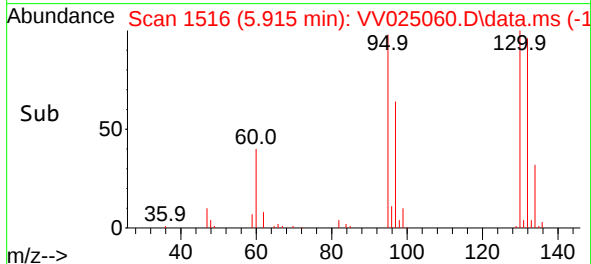
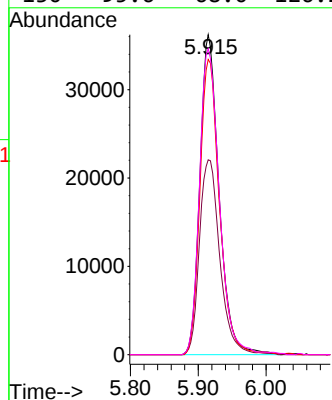
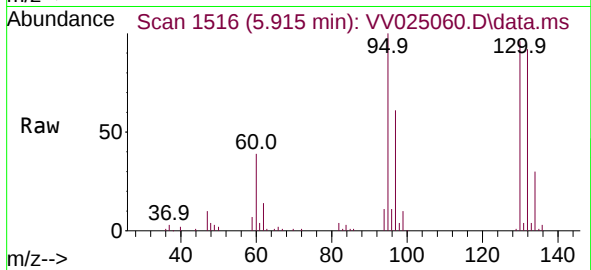




#34
Trichloroethene
Concen: 5.256 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

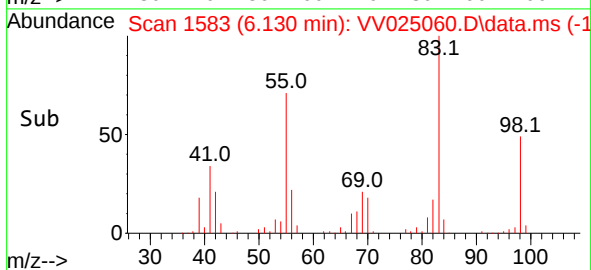
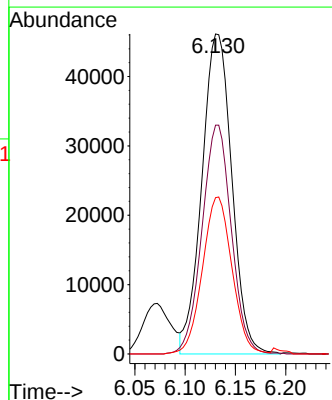
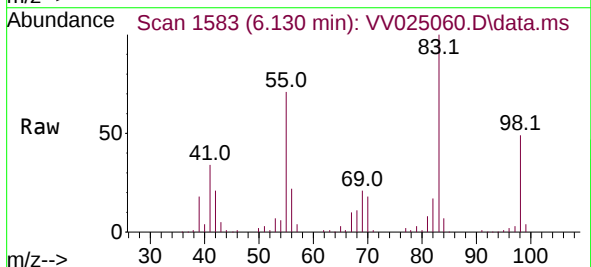
Instrument :
MSVOA_V
ClientSampleId :

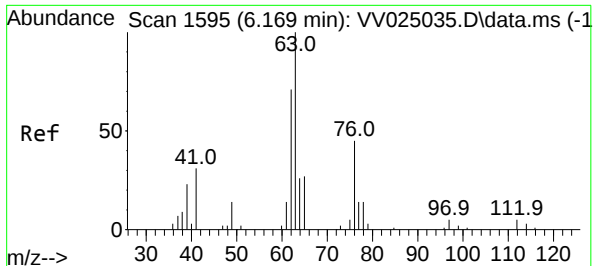
Tgt Ion: 95 Resp: 71278
Ion Ratio Lower Upper
95 100
97 60.9 44.5 82.7
132 92.2 66.5 123.5
130 95.6 68.0 126.2



#35
Methylcyclohexane
Concen: 4.456 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

Tgt Ion: 83 Resp: 95660
Ion Ratio Lower Upper
83 100
55 70.0 55.4 83.0
98 48.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.554 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

Instrument :

MSVOA_V

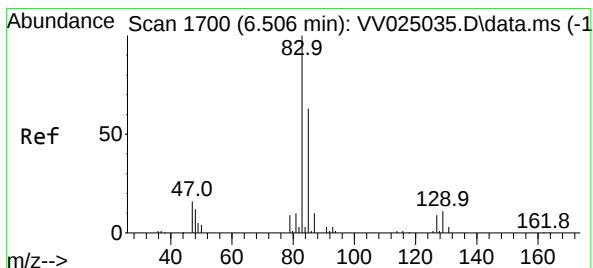
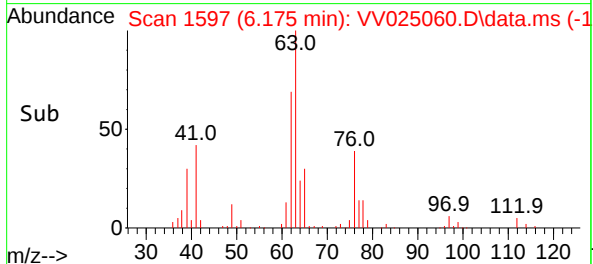
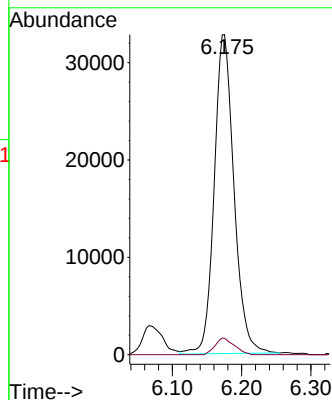
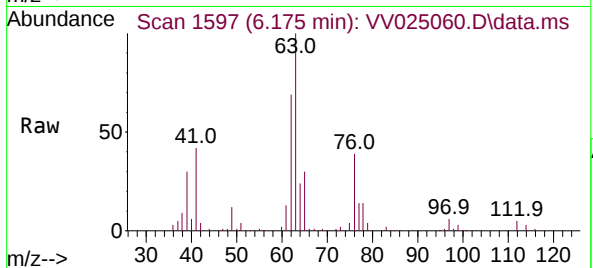
ClientSampleId :

Tgt Ion: 63 Resp: 65010

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.6



#38

Bromodichloromethane

Concen: 5.366 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

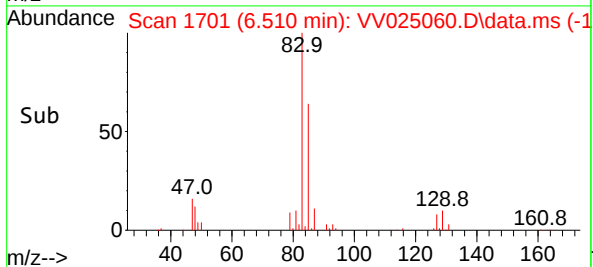
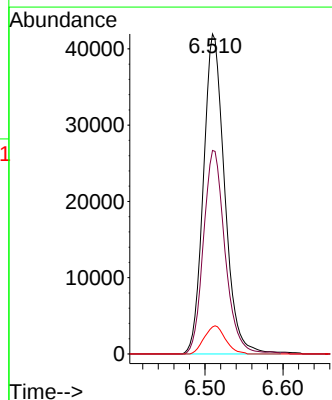
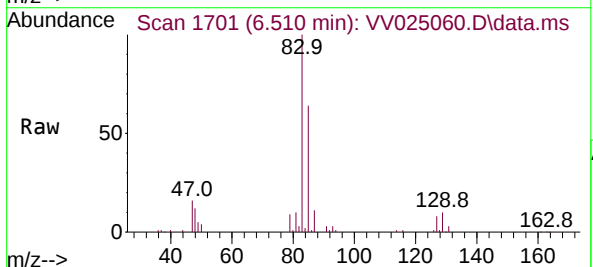
Tgt Ion: 83 Resp: 79415

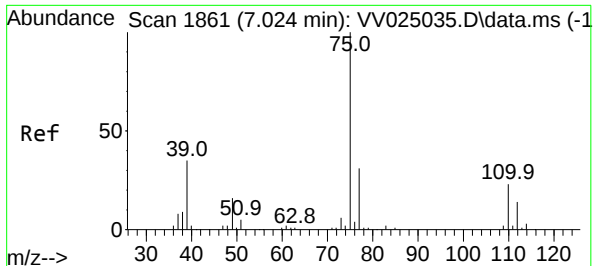
Ion Ratio Lower Upper

83 100

85 63.6 44.8 83.2

127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.177 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

Instrument :

MSVOA_V

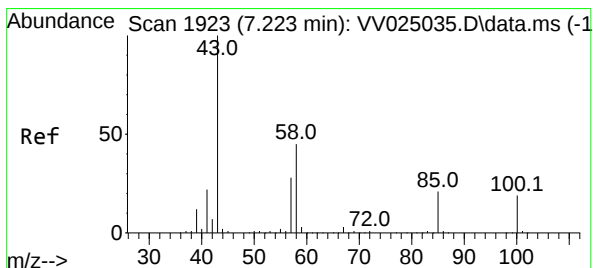
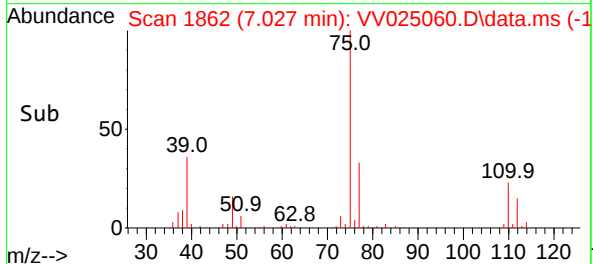
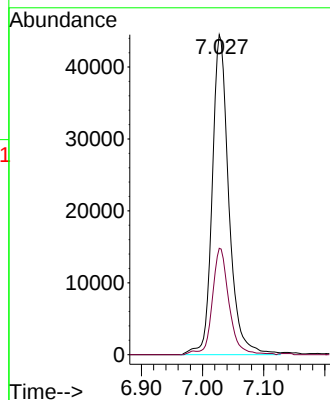
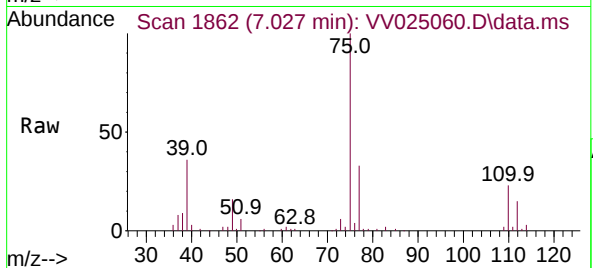
ClientSampleId :

Tgt Ion: 75 Resp: 84122

Ion Ratio Lower Upper

75 100

77 33.3 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 57.765 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

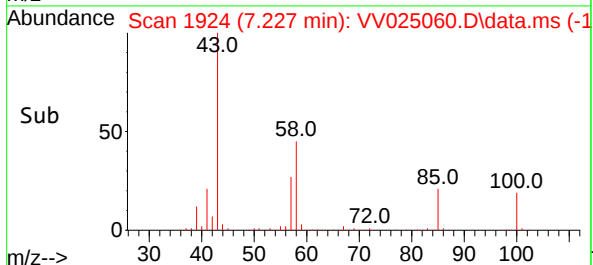
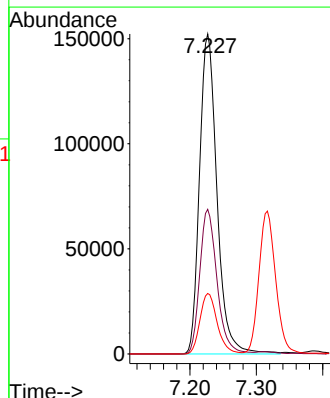
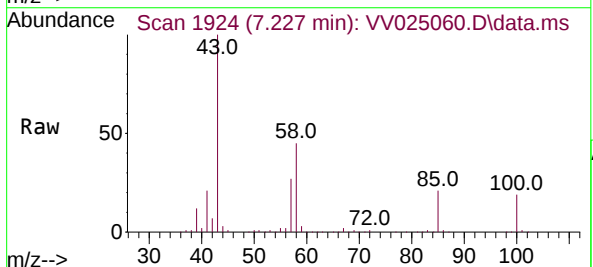
Tgt Ion: 43 Resp: 278195

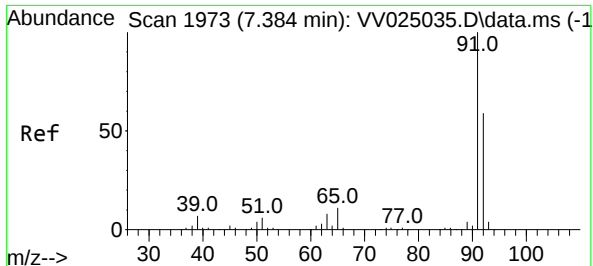
Ion Ratio Lower Upper

43 100

58 44.7 36.6 55.0

100 18.8 13.8 20.8





#42

Toluene

Concen: 5.389 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

Instrument :

MSVOA_V

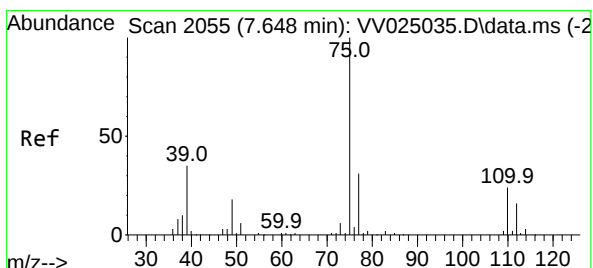
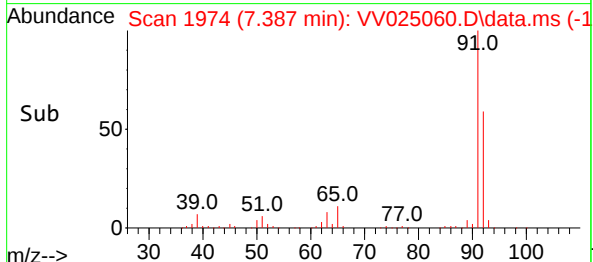
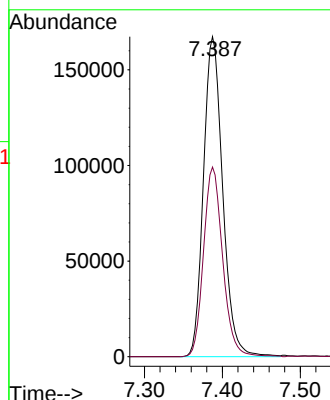
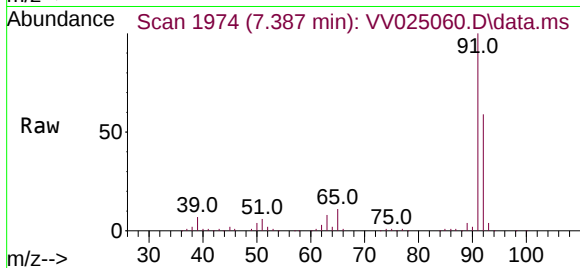
ClientSampleId :

Tgt Ion: 91 Resp: 287214

Ion Ratio Lower Upper

91 100

92 59.2 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.225 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025060.D

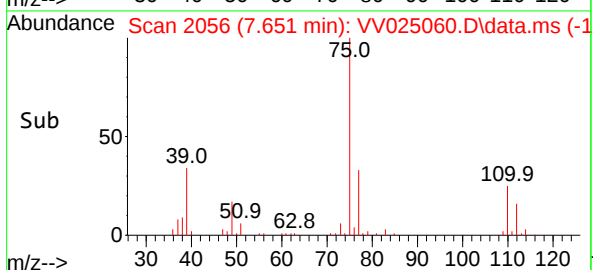
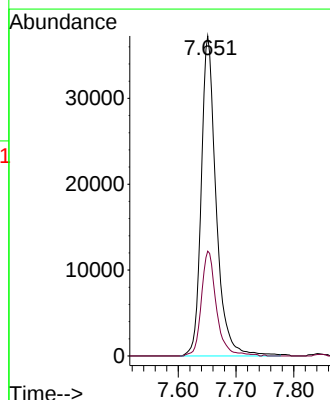
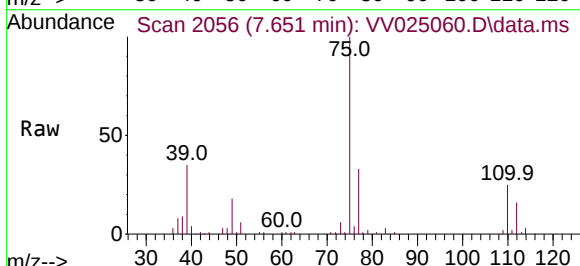
Acq: 16 Mar 2022 20:31

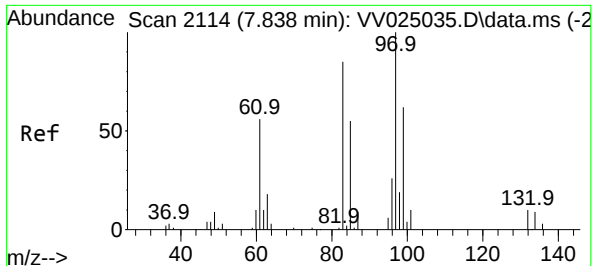
Tgt Ion: 75 Resp: 66817

Ion Ratio Lower Upper

75 100

77 32.7 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 5.564 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 43495

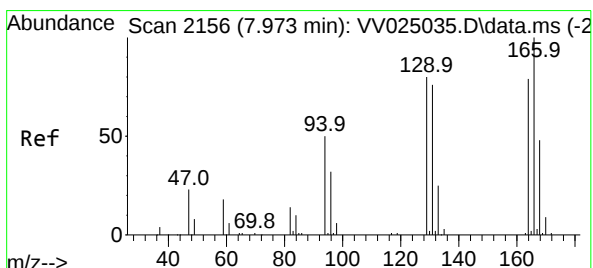
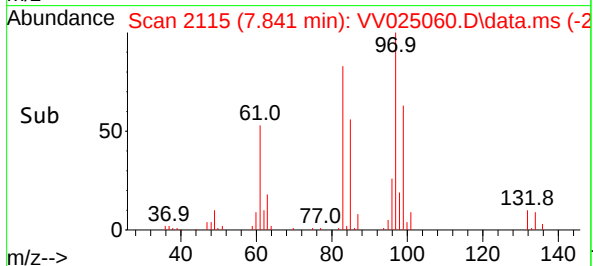
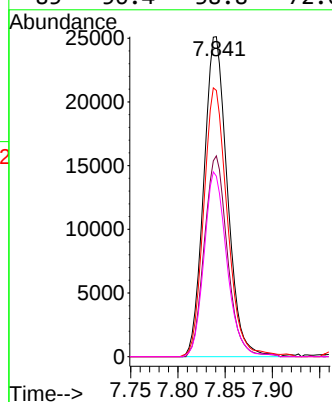
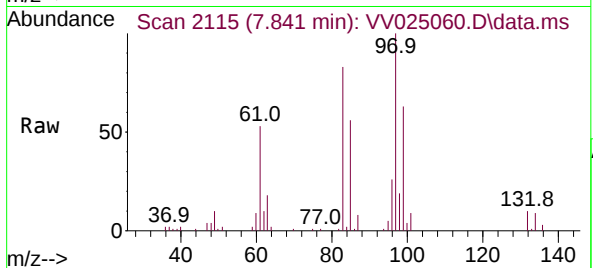
Ion Ratio Lower Upper

97 100

99 62.8 43.7 81.1

83 83.2 58.9 109.3

85 56.4 38.8 72.0



#47

Tetrachloroethene

Concen: 5.146 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

Tgt Ion:164 Resp: 49096

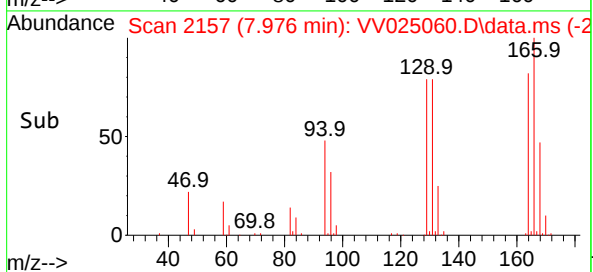
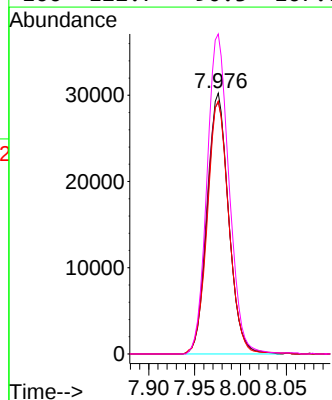
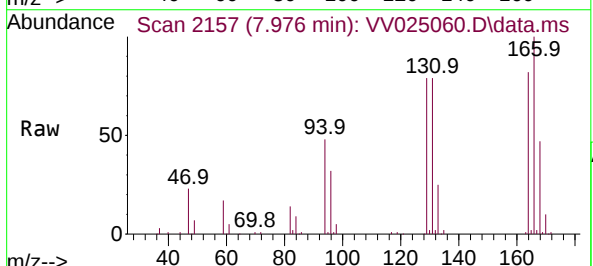
Ion Ratio Lower Upper

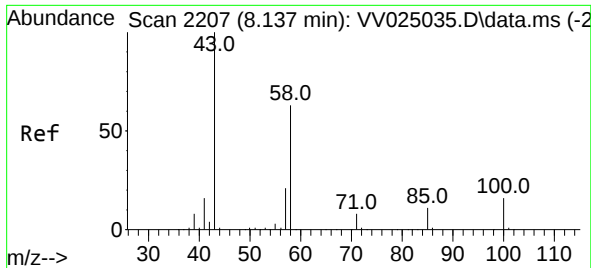
164 100

129 96.5 70.3 130.7

131 97.0 69.4 129.0

166 122.7 90.3 167.7



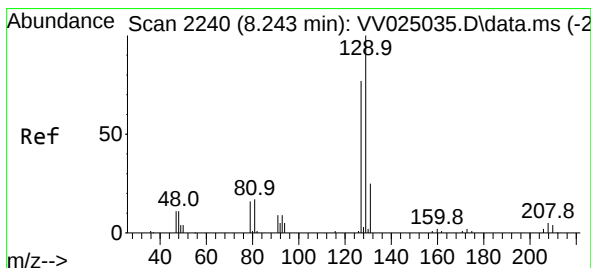
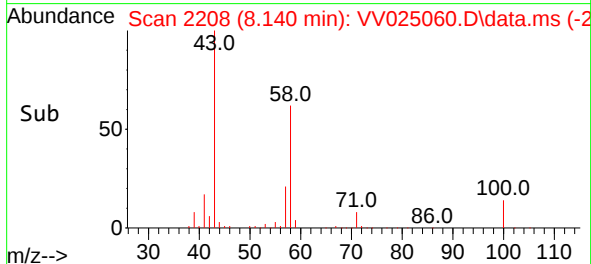
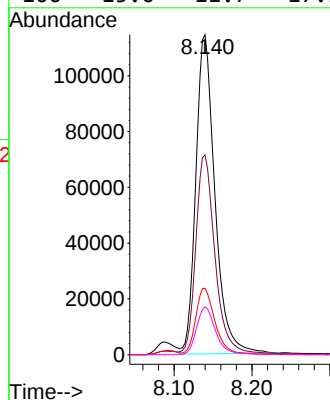
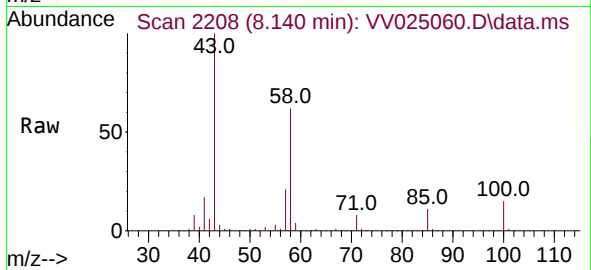


#48
2-Hexanone
Concen: 57.063 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 194827

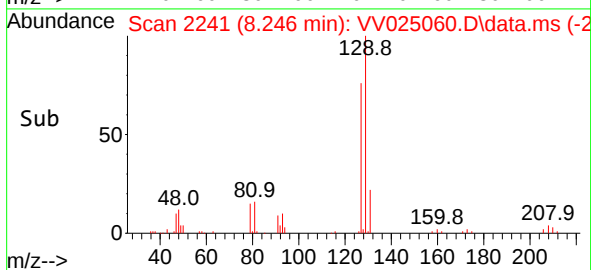
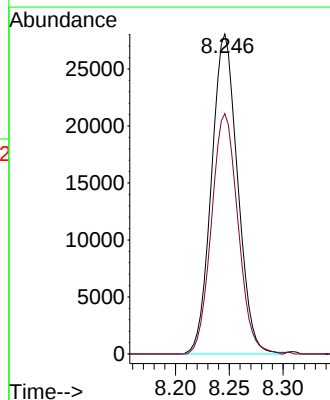
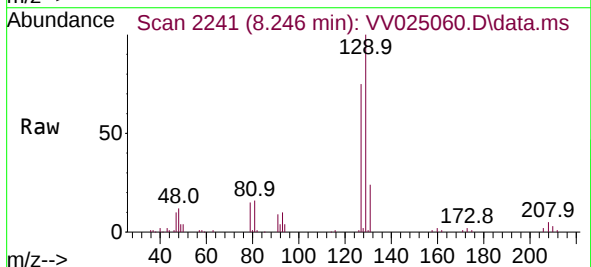
Ion	Ratio	Lower	Upper
43	100		
58	62.9	49.2	73.8
57	21.4	16.0	24.0
100	15.0	11.7	17.5

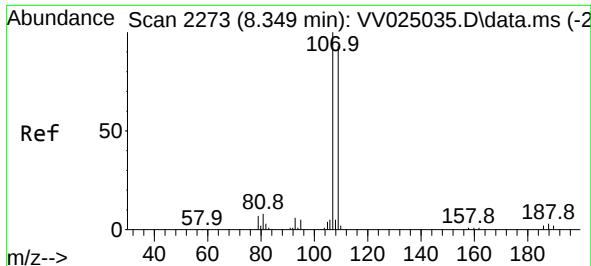


#49
Dibromochloromethane
Concen: 5.414 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

Tgt Ion: 129 Resp: 47372

Ion	Ratio	Lower	Upper
129	100		
127	75.1	54.9	102.1





#50

1,2-Dibromoethane

Concen: 5.460 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

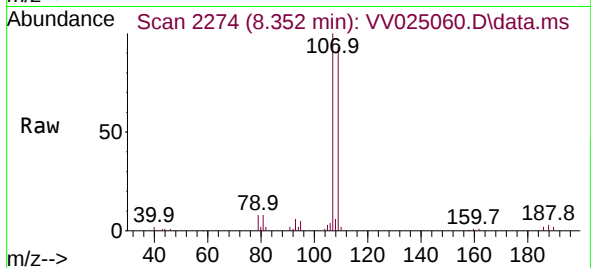
Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

Instrument :

MSVOA_V

ClientSampleId :



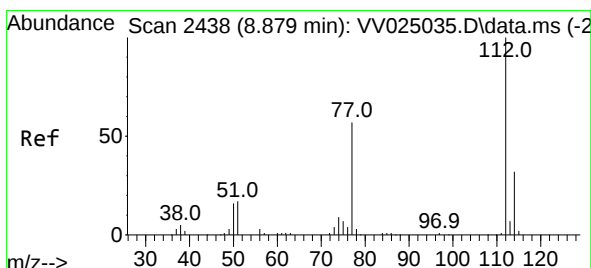
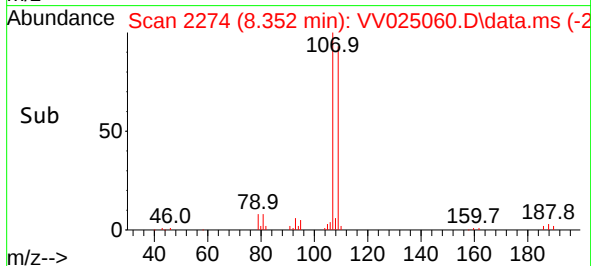
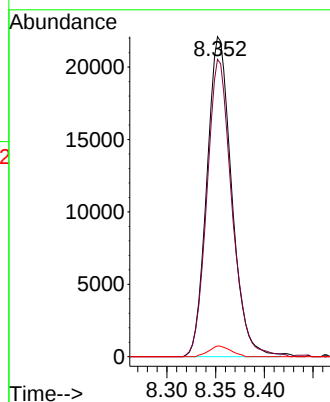
Tgt Ion:107 Resp: 39060

Ion Ratio Lower Upper

107 100

109 92.9 65.5 121.6

188 3.3 2.4 3.6



#51

Chlorobenzene

Concen: 5.321 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

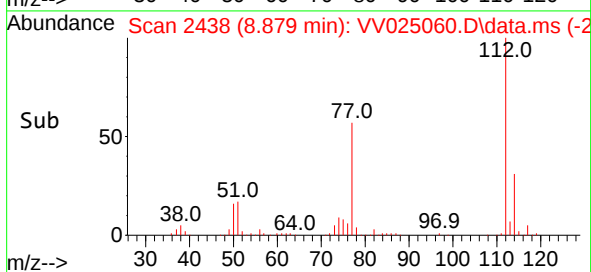
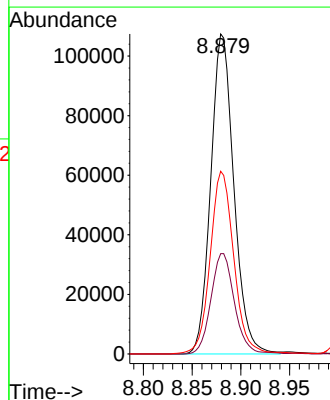
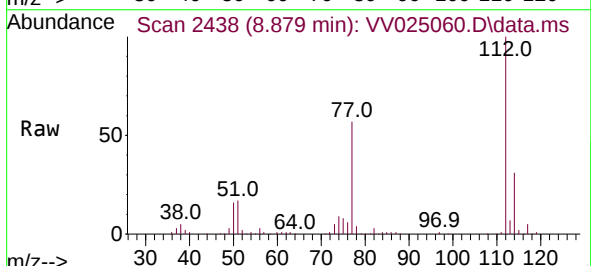
Tgt Ion:112 Resp: 177604

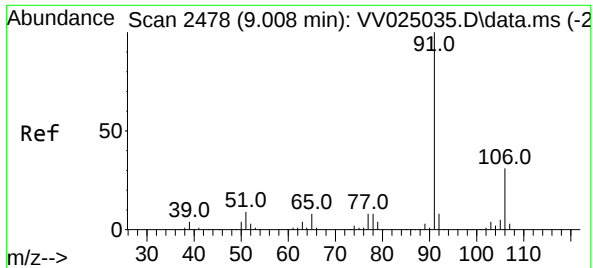
Ion Ratio Lower Upper

112 100

114 31.4 22.5 41.7

77 57.1 45.3 67.9

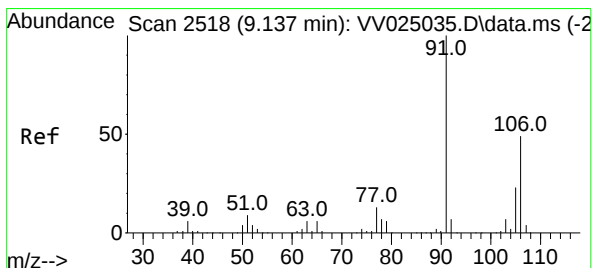
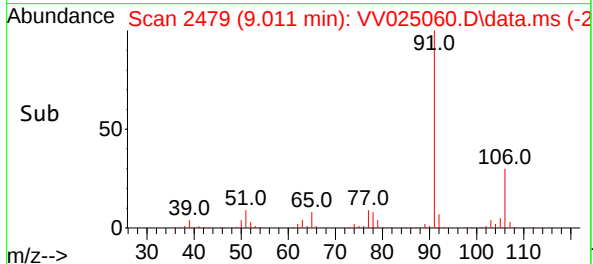
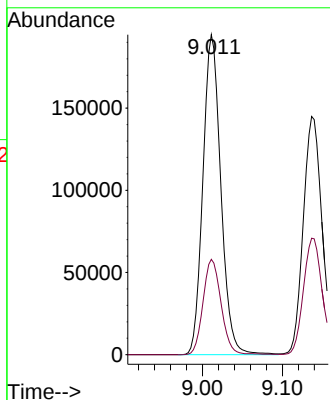
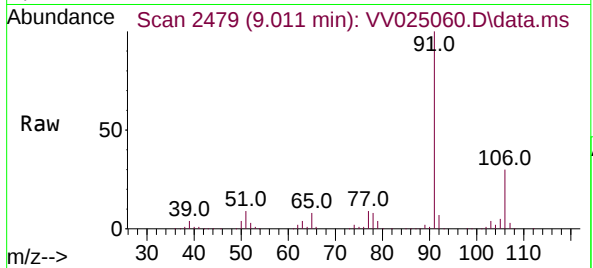




#52
Ethylbenzene
Concen: 5.398 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

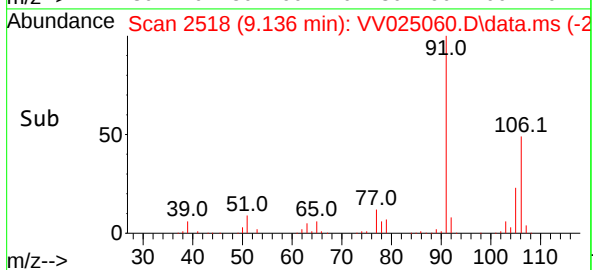
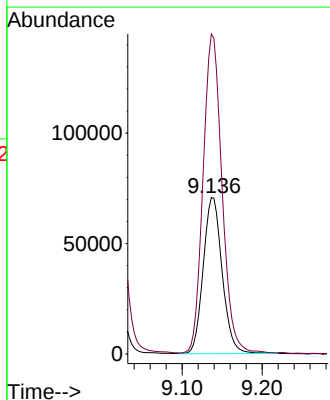
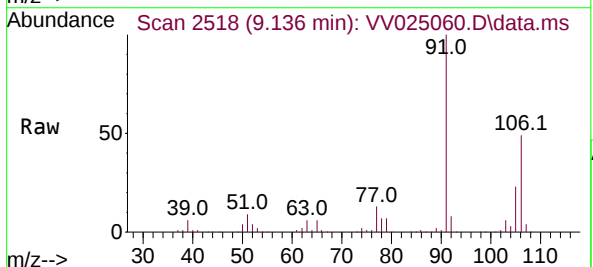
Instrument :
MSVOA_V
ClientSampleId :

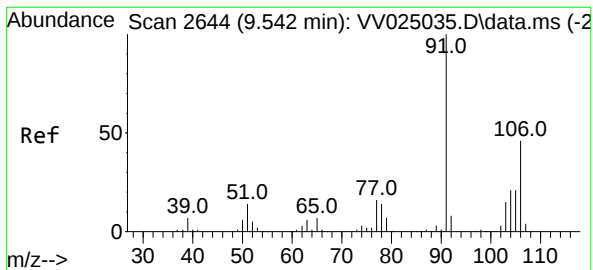
Tgt Ion: 91 Resp: 304358
Ion Ratio Lower Upper
91 100
106 29.8 21.9 40.7



#53
m,p-xylene
Concen: 5.366 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

Tgt Ion:106 Resp: 116524
Ion Ratio Lower Upper
106 100
91 204.4 143.4 266.4





#54

o-xylene

Concen: 5.469 ug/L

RT: 9.542 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

Instrument :

MSVOA_V

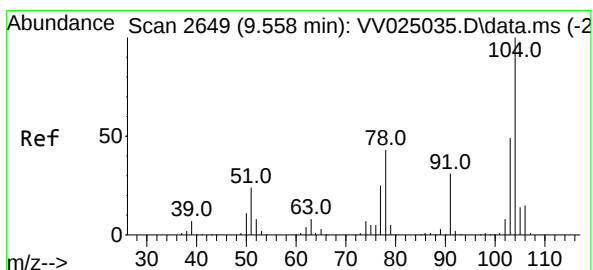
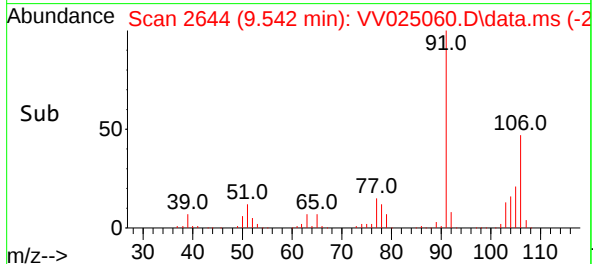
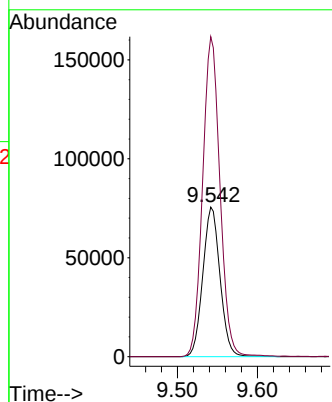
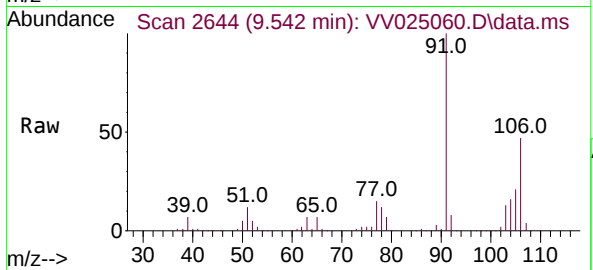
ClientSampleId :

Tgt Ion:106 Resp: 113550

Ion Ratio Lower Upper

106 100

91 213.9 146.7 272.5



#55

Styrene

Concen: 5.702 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.003 min

Lab File: VV025060.D

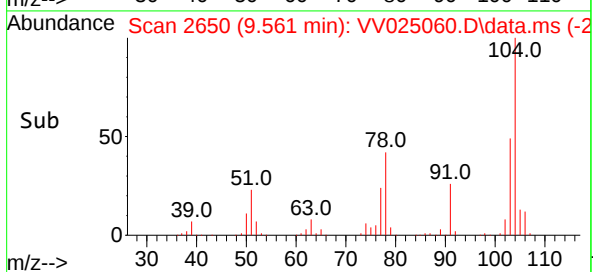
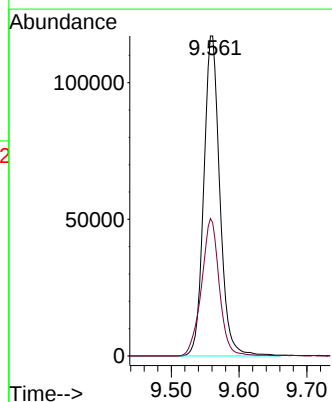
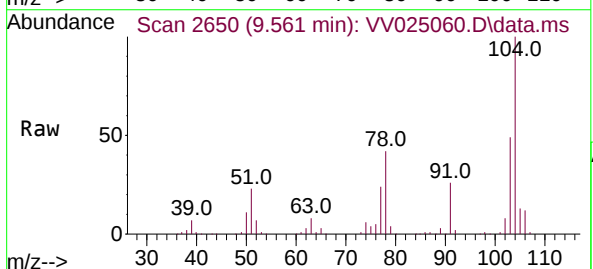
Acq: 16 Mar 2022 20:31

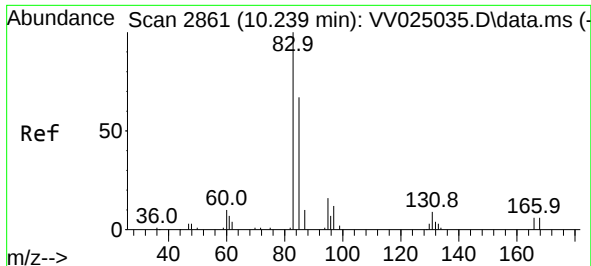
Tgt Ion:104 Resp: 192826

Ion Ratio Lower Upper

104 100

78 41.6 30.2 56.2

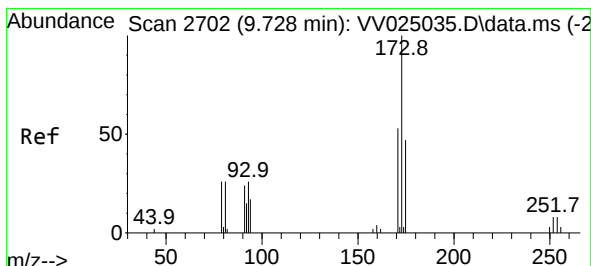
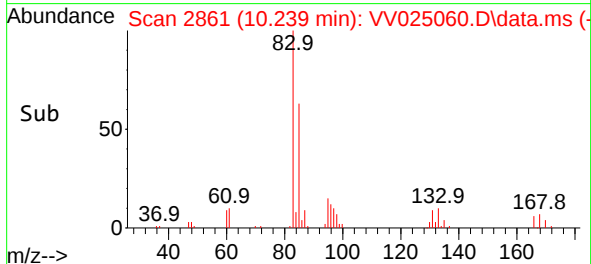
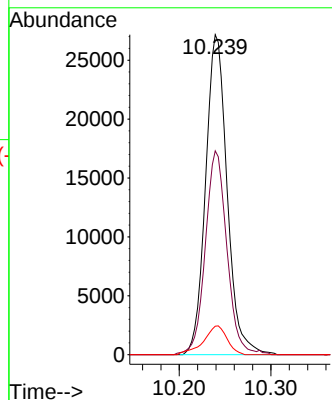
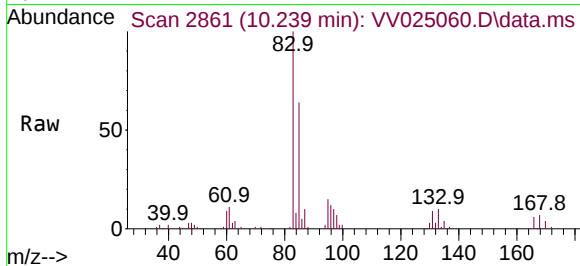




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.787 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV025060.D
 Acq: 16 Mar 2022 20:31

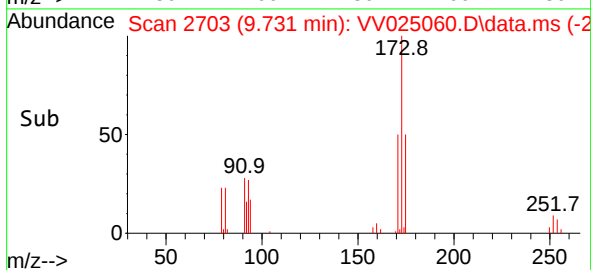
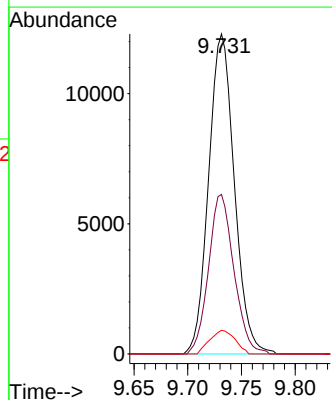
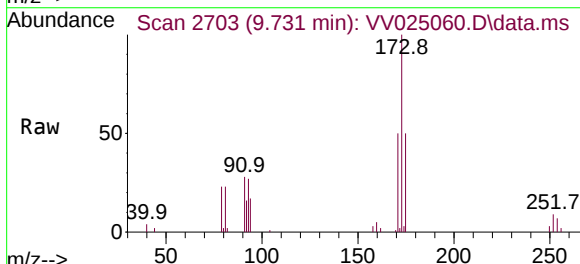
Instrument :
 MSVOA_V
 ClientSampleId :

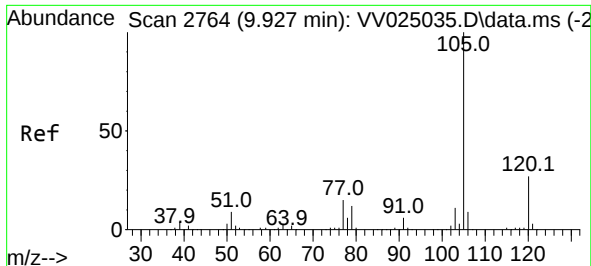
Tgt Ion:	83	Resp:	44348
Ion	Ratio	Lower	Upper
83	100		
85	63.7	43.9	81.5
131	8.9	7.5	11.3



#59
 Bromoform
 Concen: 5.019 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV025060.D
 Acq: 16 Mar 2022 20:31

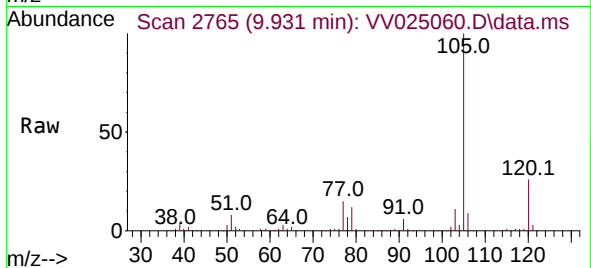
Tgt Ion:	173	Resp:	20426
Ion	Ratio	Lower	Upper
173	100		
175	49.2	37.8	56.8
254	7.2	5.8	8.6



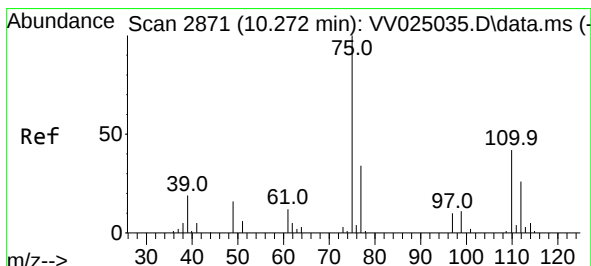
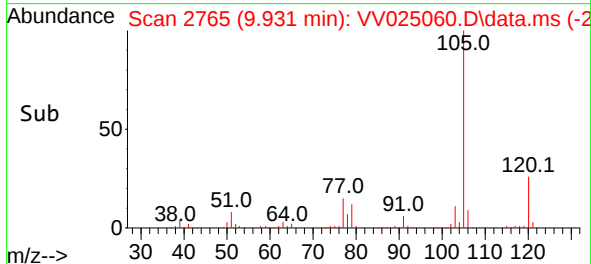
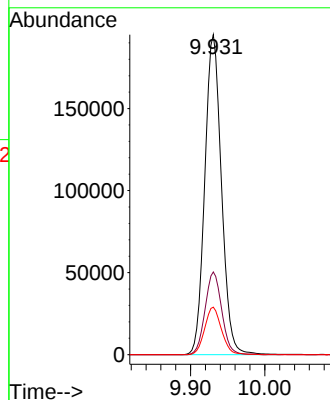


#60
Isopropylbenzene
Concen: 5.320 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

Instrument :
MSVOA_V
ClientSampleId :

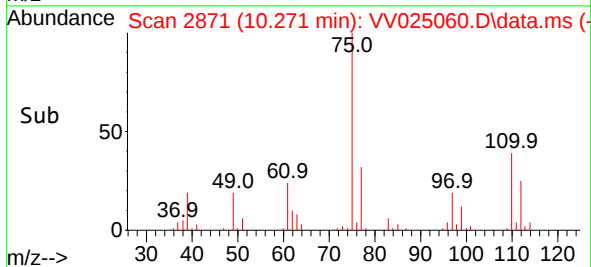
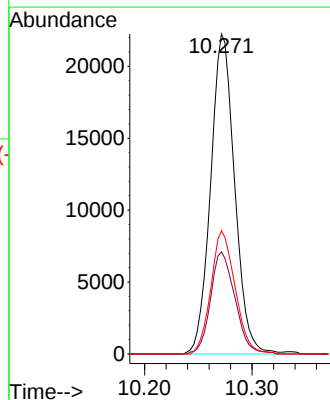
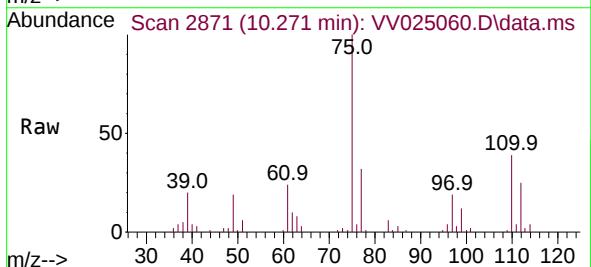


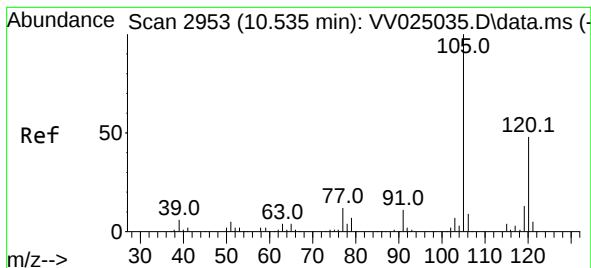
Tgt Ion:105 Resp: 303153
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.0 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.430 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

Tgt Ion: 75 Resp: 34504
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
110 38.9 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 5.133 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025060.D

Acq: 16 Mar 2022 20:31

Instrument :

MSVOA_V

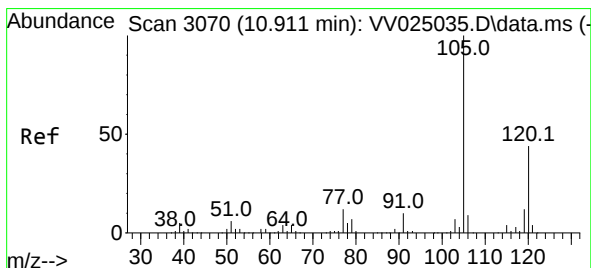
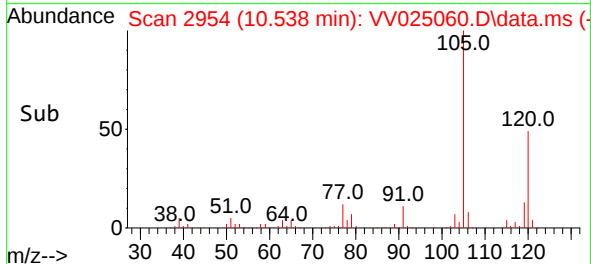
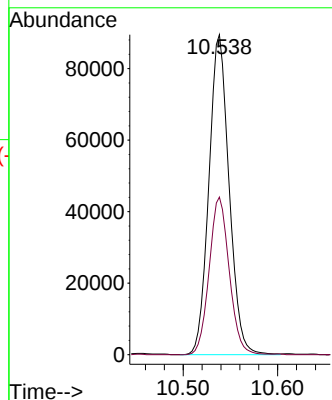
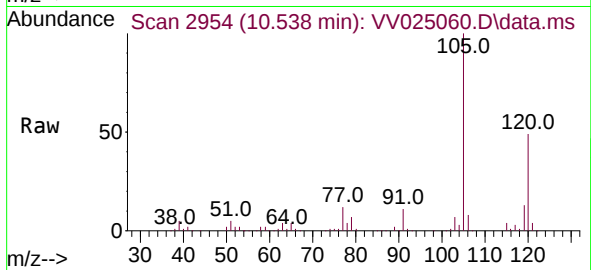
ClientSampleId :

Tgt Ion:105 Resp: 132717

Ion Ratio Lower Upper

105 100

120 48.9 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.346 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV025060.D

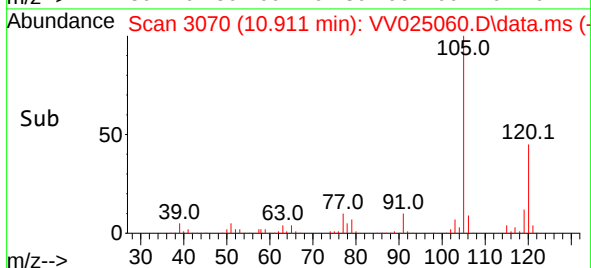
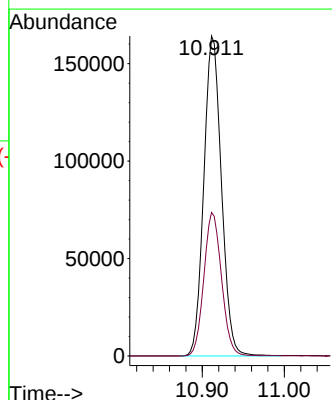
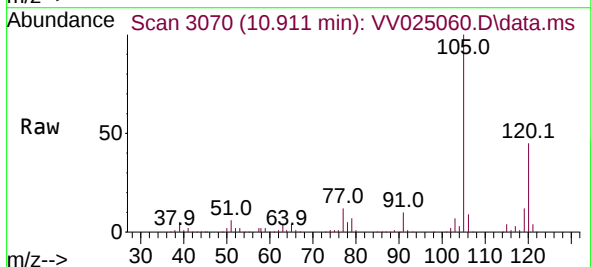
Acq: 16 Mar 2022 20:31

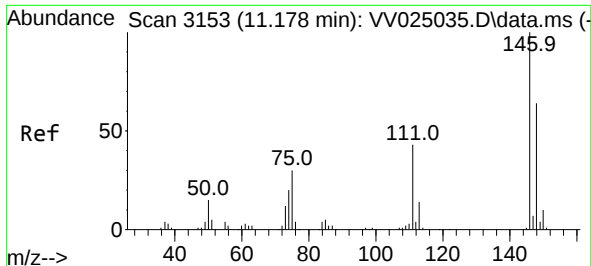
Tgt Ion:105 Resp: 244835

Ion Ratio Lower Upper

105 100

120 45.1 35.8 53.8

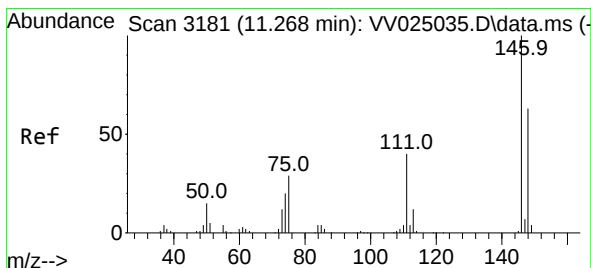
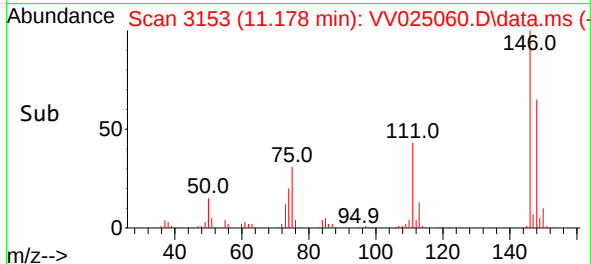
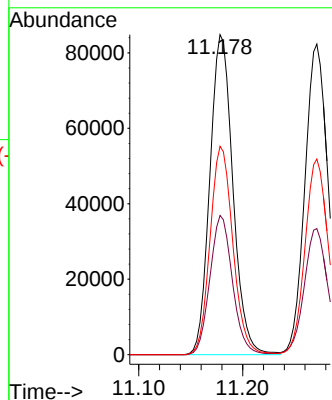
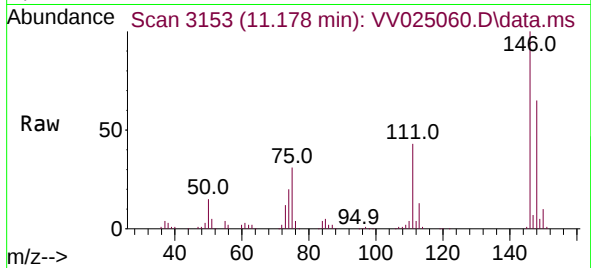




#64
1,3-Dichlorobenzene
Concen: 5.288 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

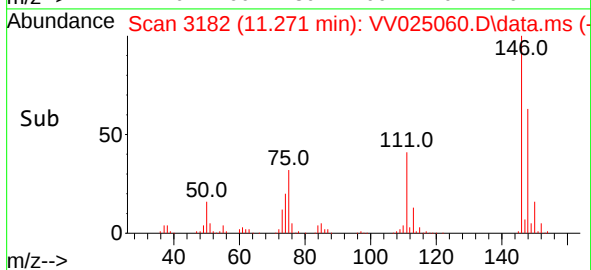
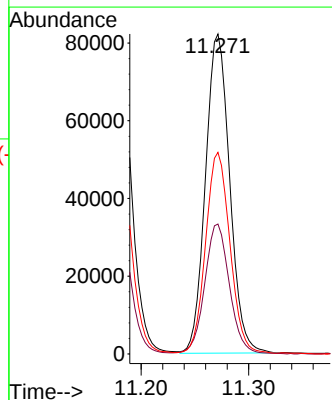
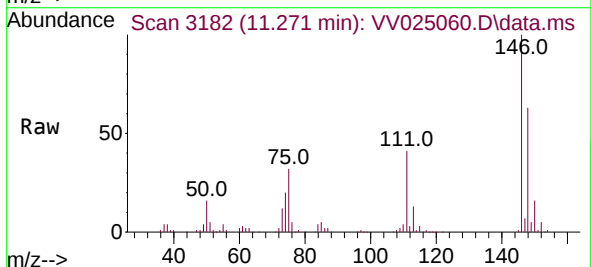
Instrument :
MSVOA_V
ClientSampleId :

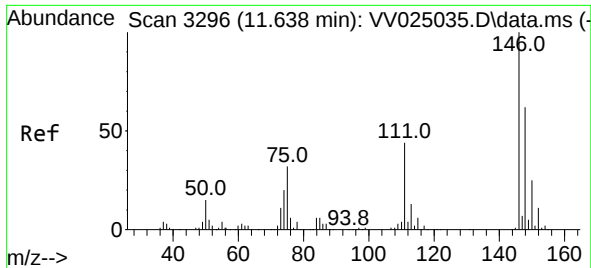
Tgt Ion:146 Resp: 130702
Ion Ratio Lower Upper
146 100
111 43.5 29.2 54.2
148 65.1 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 5.155 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

Tgt Ion:146 Resp: 128448
Ion Ratio Lower Upper
146 100
111 40.6 28.2 52.4
148 63.0 43.8 81.4

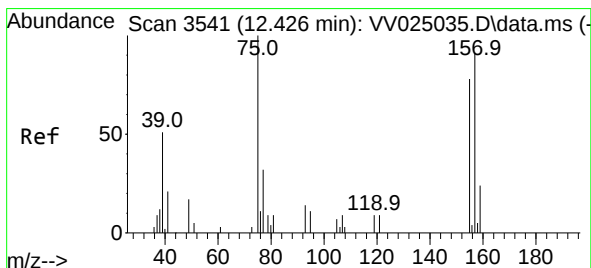
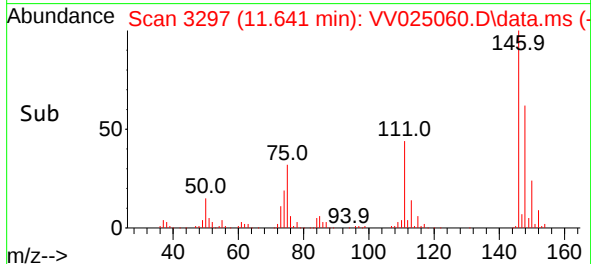
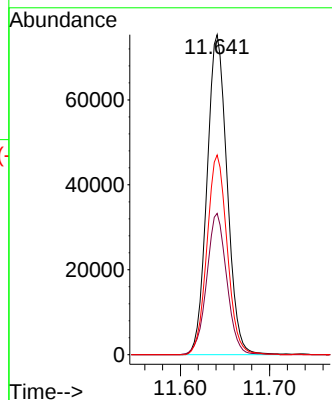
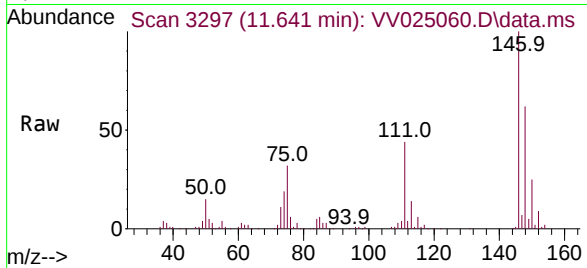




#67
1,2-Dichlorobenzene
Concen: 5.393 ug/L
RT: 11.641 min Scan# 3296
Delta R.T. 0.003 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

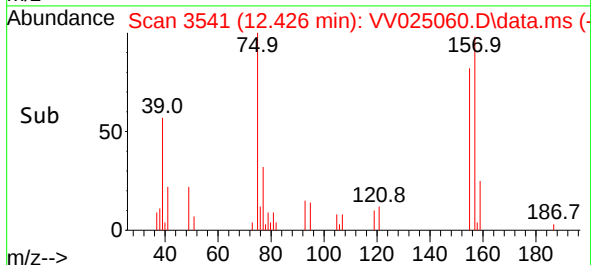
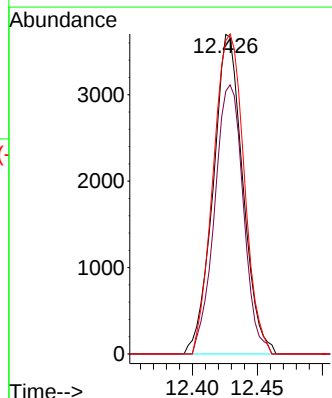
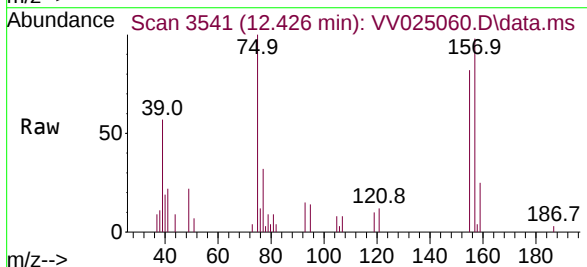
Instrument :
MSVOA_V
ClientSampleId :

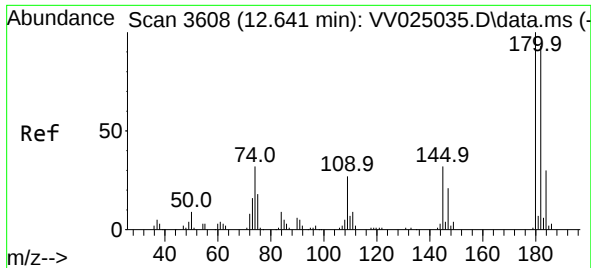
Tgt Ion:146 Resp: 118120
Ion Ratio Lower Upper
146 100
111 44.2 35.5 53.3
148 62.4 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.383 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

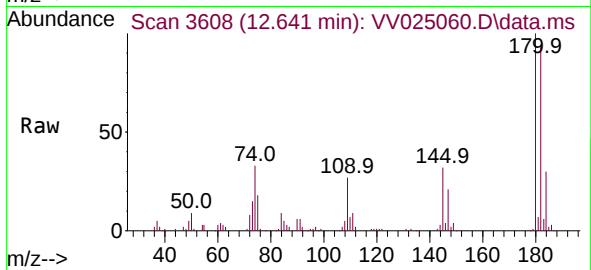
Tgt Ion: 75 Resp: 5864
Ion Ratio Lower Upper
75 100
155 82.3 65.9 98.9
157 98.1 89.7 134.5



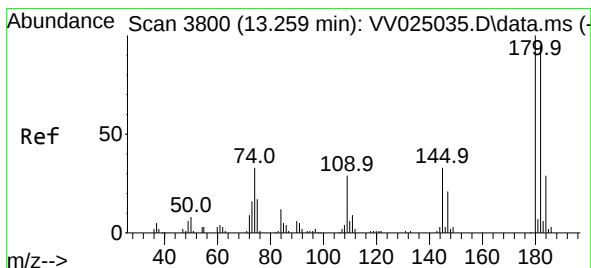
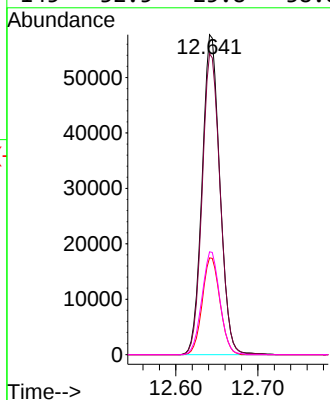
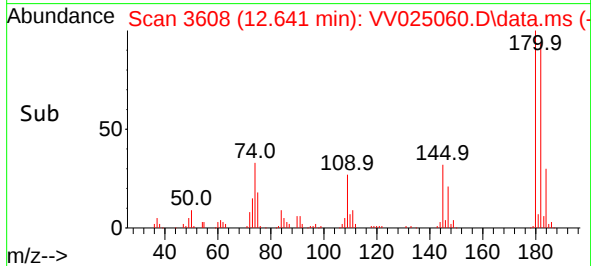


#69
1,3,5-Trichlorobenzene
Concen: 4.963 ug/L
RT: 12.641 min Scan# 3608
Delta R.T. -0.000 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

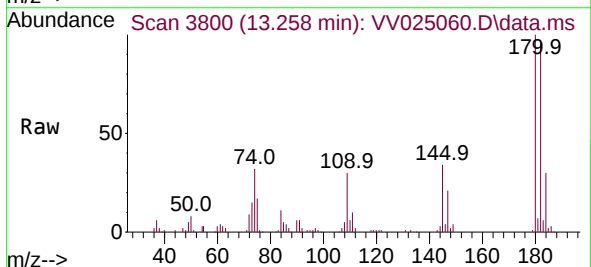
Instrument :
MSVOA_V
ClientSampleId :



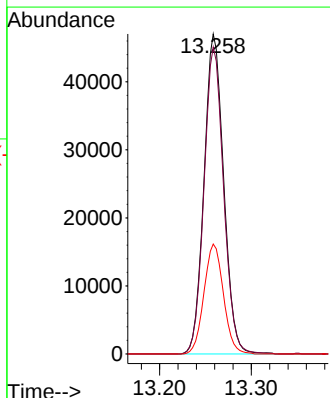
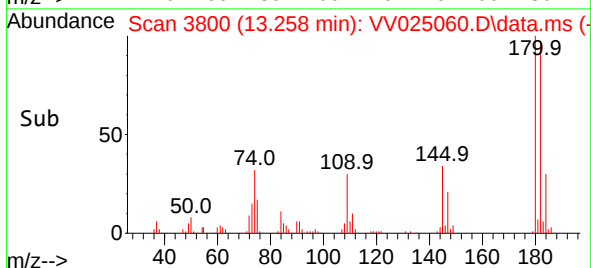
Tgt Ion:180 Resp: 86657
Ion Ratio Lower Upper
180 100
182 95.3 75.4 113.0
184 30.2 24.2 36.4
145 32.5 25.8 38.8

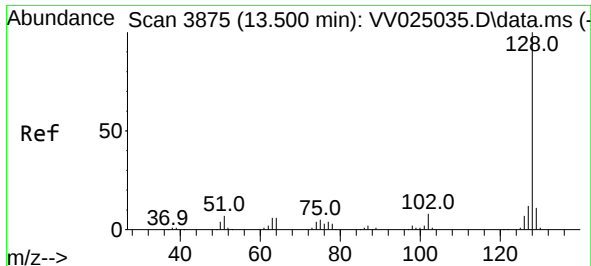


#70
1,2,4-trichlorobenzene
Concen: 5.144 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31



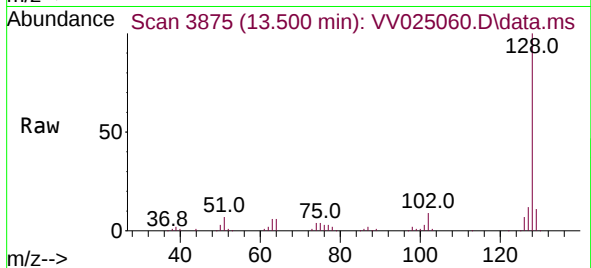
Tgt Ion:180 Resp: 69985
Ion Ratio Lower Upper
180 100
182 95.7 74.6 112.0
145 34.0 26.1 39.1



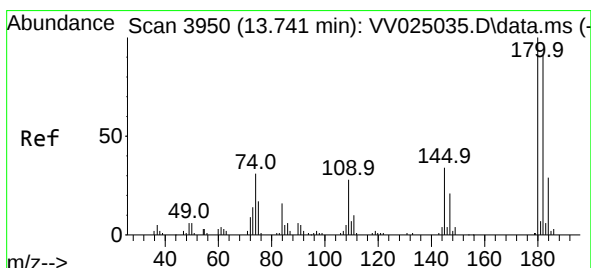
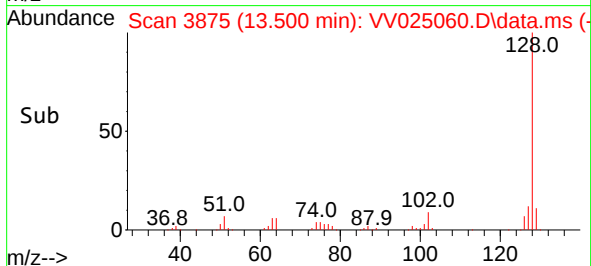
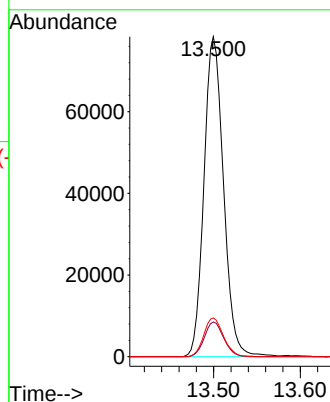


#71
Naphthalene
Concen: 5.438 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 122853
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.2 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.440 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025060.D
Acq: 16 Mar 2022 20:31

Tgt Ion:180 Resp: 62708
Ion Ratio Lower Upper
180 100
182 92.7 74.8 112.2
145 34.1 27.6 41.4

