

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022122\
 Data File : VW024768.D
 Acq On : 21 Feb 2022 10:03
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 22 03:24:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 19 00:43:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	232777	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	210428	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	100690	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	74899	3.794	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.571	69	65177	4.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.111	63	146389	4.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	3.889	46	144349	51.184	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.360%
24) Chloroform-d	4.346	84	140693	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.030	65	60721	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.047	84	272118	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.066	67	82935	4.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.310	98	244261	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	7.619	79	29704	4.991	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.085	63	118504	50.604	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.200%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	49891	4.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	77626	4.456	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	116403	5.128	ug/L	100
3) Chloromethane	1.243	50	113389	5.001	ug/L	98
5) Vinyl chloride	1.314	62	122639	4.927	ug/L	99
6) Bromomethane	1.526	94	74667	5.022	ug/L	97
8) Chloroethane	1.587	64	75585	4.930	ug/L	100
9) Trichlorofluoromethane	1.754	101	161809	4.952	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	96254	5.073	ug/L	99
12) 1,1-Dichloroethene	2.121	96	88996	4.909	ug/L	93
13) Acetone	2.185	43	104401	52.494	ug/L	94
14) Carbon disulfide	2.294	76	259768	5.106	ug/L	100
15) Methyl Acetate	2.439	43	26892	5.165	ug/L	97
16) Methylene chloride	2.506	84	88840	4.977	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	187956	5.274	ug/L	100
18) trans-1,2-Dichloroethene	2.760	96	90320	5.101	ug/L	95
19) 1,1-Dichloroethane	3.188	63	168897	5.210	ug/L	100
21) 2-Butanone	3.969	43	175872	57.225	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	98809	5.280	ug/L	97
23) Bromochloromethane	4.243	128	37420	5.173	ug/L	97
25) Chloroform	4.371	83	171650	5.068	ug/L	99

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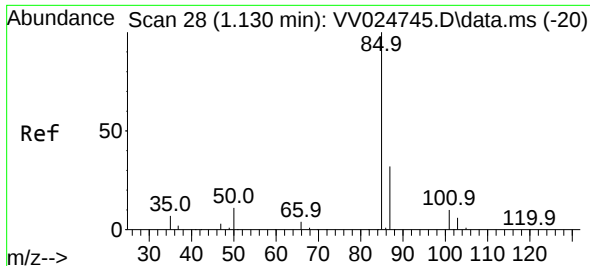
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	90645	5.015	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	151817	5.376	ug/L	98
30) Cyclohexane	4.674	56	153635	5.363	ug/L	100
31) Carbon tetrachloride	4.825	117	128442	5.410	ug/L	98
33) Benzene	5.095	78	380185	5.336	ug/L	100
34) Trichloroethene	5.908	95	101505	5.378	ug/L	99
35) Methylcyclohexane	6.127	83	164759	5.404	ug/L	100
37) 1,2-Dichloropropane	6.169	63	91777	5.452	ug/L	99
38) Bromodichloromethane	6.506	83	114340	5.396	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	129087	5.529	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	433753	54.172	ug/L	99
42) Toluene	7.384	91	406890	5.364	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	104214	5.586	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	59066	5.394	ug/L	98
47) Tetrachloroethene	7.972	164	67667	5.265	ug/L	98
48) 2-Hexanone	8.133	43	307670	54.652	ug/L	98
49) Dibromochloromethane	8.243	129	66117	5.441	ug/L	99
50) 1,2-Dibromoethane	8.349	107	54095	5.414	ug/L	98
51) Chlorobenzene	8.876	112	247454	5.215	ug/L	99
52) Ethylbenzene	9.008	91	444044	5.364	ug/L	100
53) m,p-xylene	9.133	106	170319	5.443	ug/L	100
54) o-xylene	9.538	106	162927	5.328	ug/L	99
55) Styrene	9.558	104	271598	5.460	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	58396	5.042	ug/L	100
59) Bromoform	9.728	173	28895	5.669	ug/L	98
60) Isopropylbenzene	9.927	105	442749	5.316	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	45774	5.016	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	370240	5.332	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	371494	5.390	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	184066	5.240	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	180204	5.137	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	161453	5.211	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	8363	5.360	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	131520	5.280	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	103869	5.293	ug/L	100
71) Naphthalene	13.500	128	167241	5.011	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	84691	5.157	ug/L	99

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

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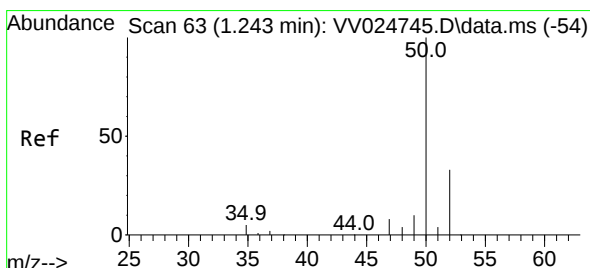
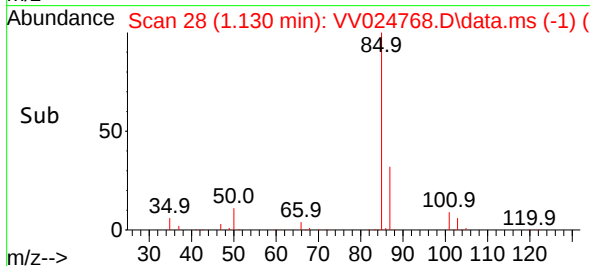
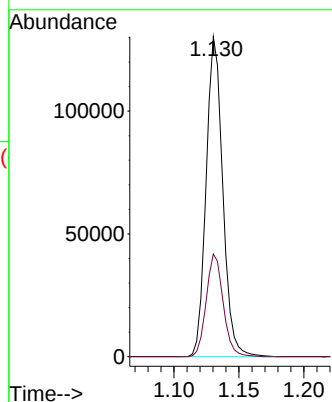
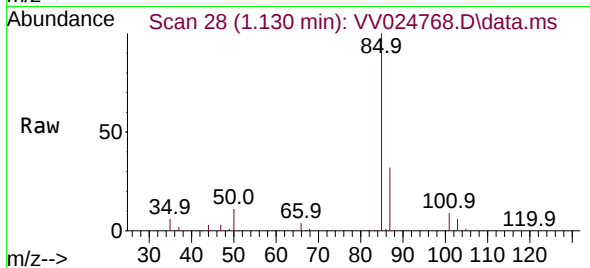




#2
 Dichlorodifluoromethane
 Concen: 5.128 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024768.D
 Acq: 21 Feb 2022 10:03

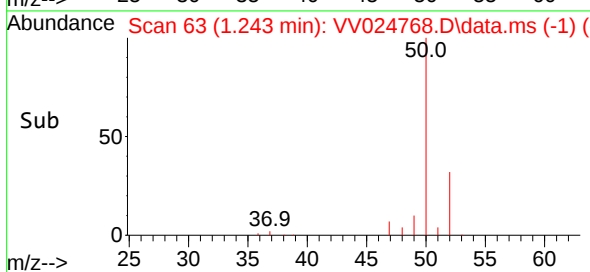
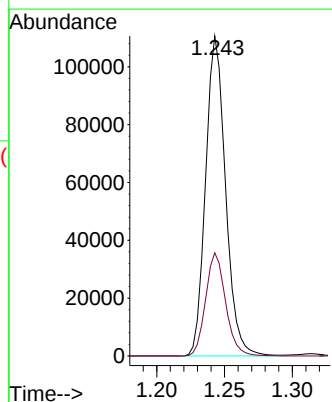
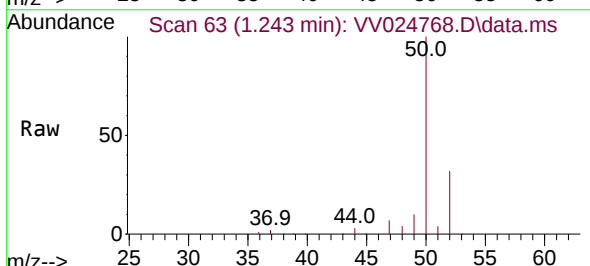
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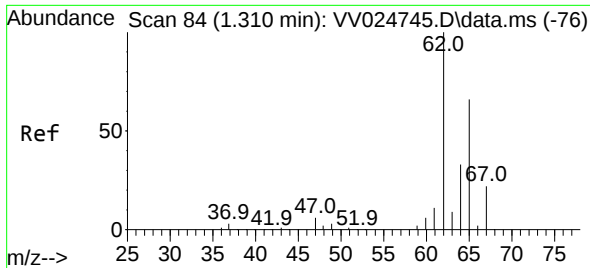
Tgt Ion: 85 Resp: 116403
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 5.001 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024768.D
 Acq: 21 Feb 2022 10:03

Tgt Ion: 50 Resp: 113389
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.3 43.3

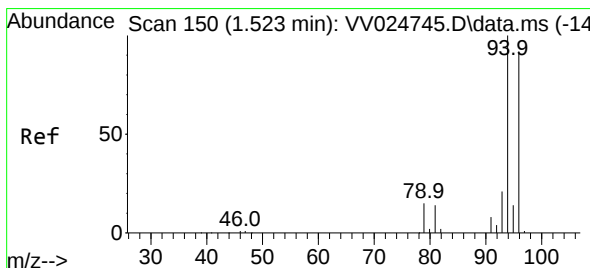
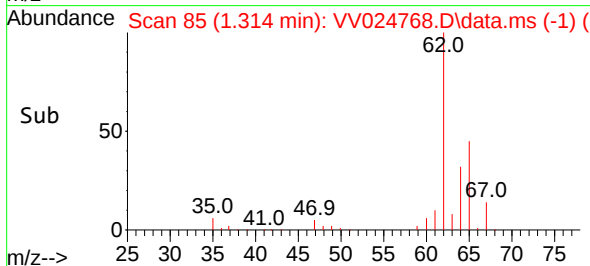
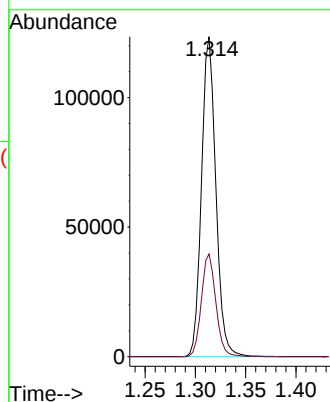
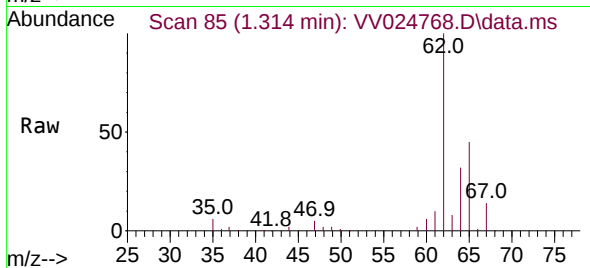




#5
 Vinyl chloride
 Concen: 4.927 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV024768.D
 Acq: 21 Feb 2022 10:03

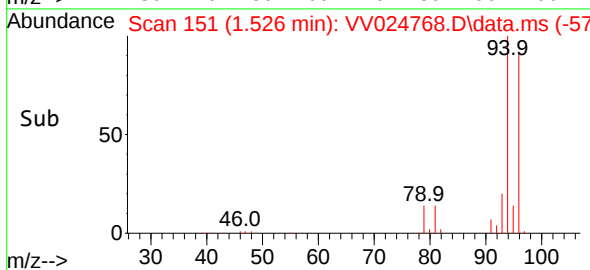
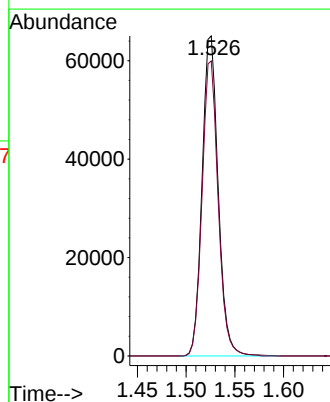
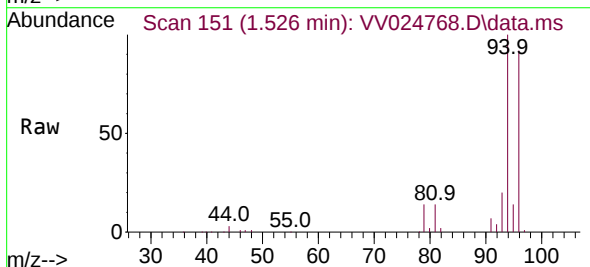
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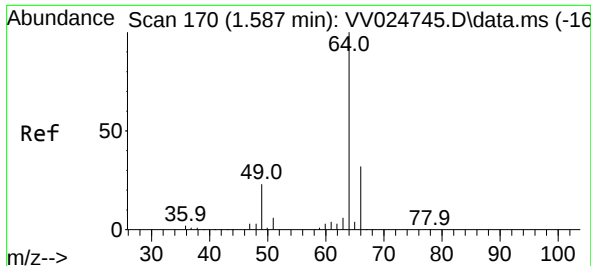
Tgt Ion: 62 Resp: 122639
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.2 41.2



#6
 Bromomethane
 Concen: 5.022 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV024768.D
 Acq: 21 Feb 2022 10:03

Tgt Ion: 94 Resp: 74667
 Ion Ratio Lower Upper
 94 100
 96 92.2 66.5 123.5

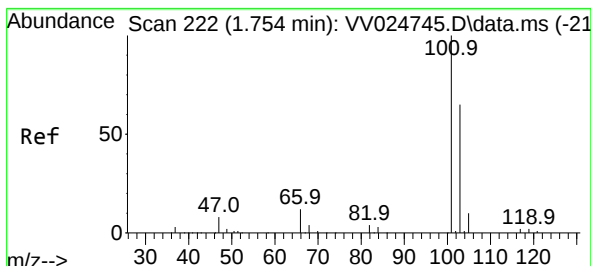
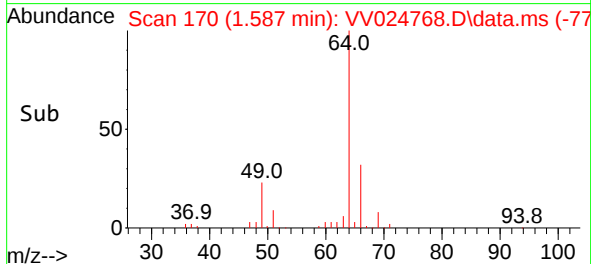
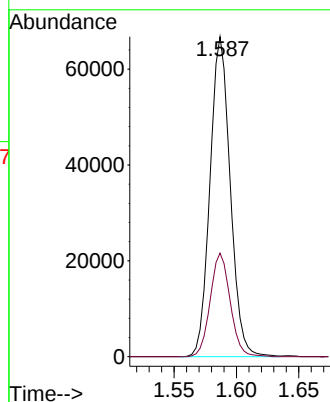
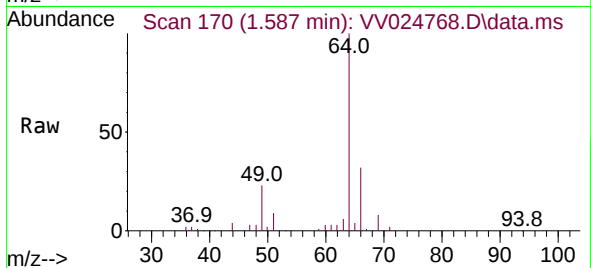




#8
Chloroethane
Concen: 4.930 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

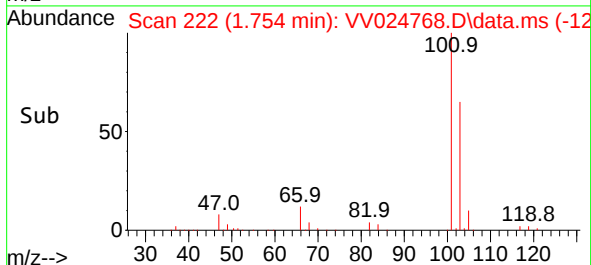
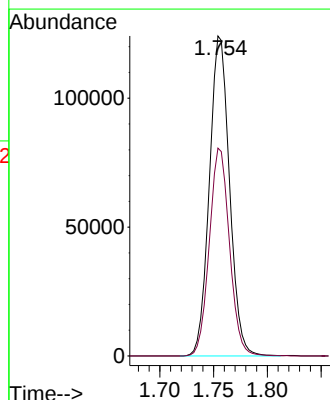
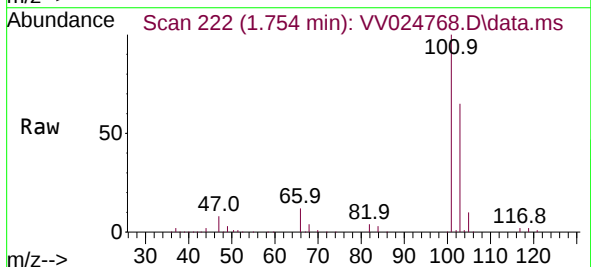
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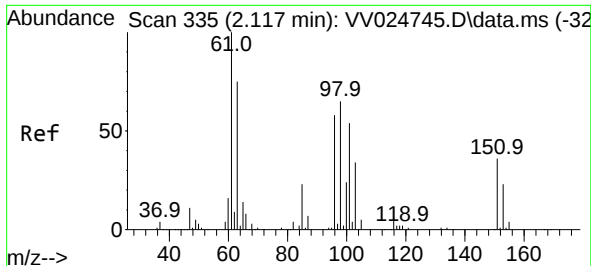
Tgt Ion: 64 Resp: 75585
Ion Ratio Lower Upper
64 100
66 32.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.952 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

Tgt Ion:101 Resp: 161809
Ion Ratio Lower Upper
101 100
103 65.1 50.7 76.1

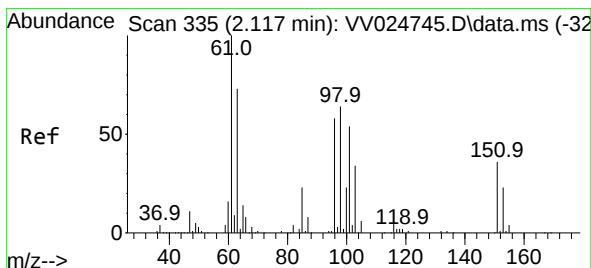
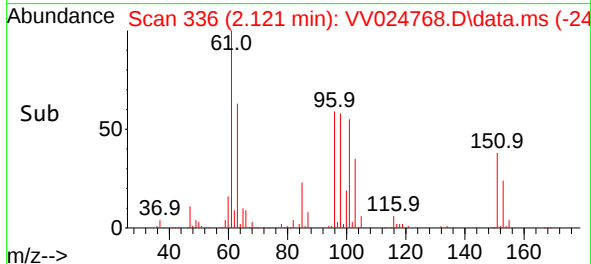
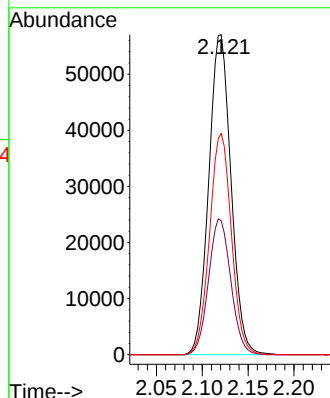
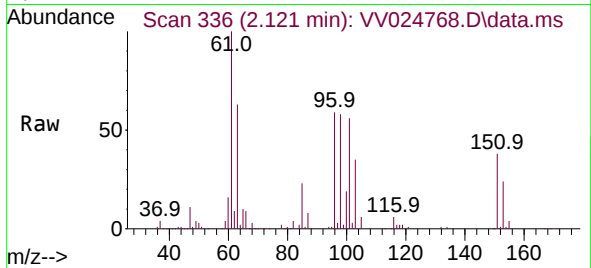




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.073 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024768.D
 Acq: 21 Feb 2022 10:03

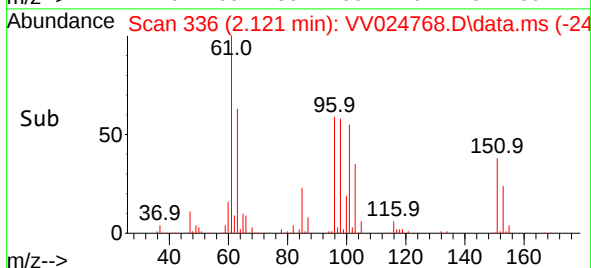
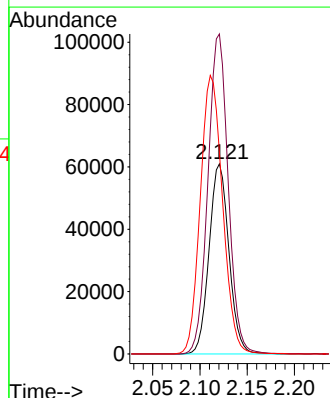
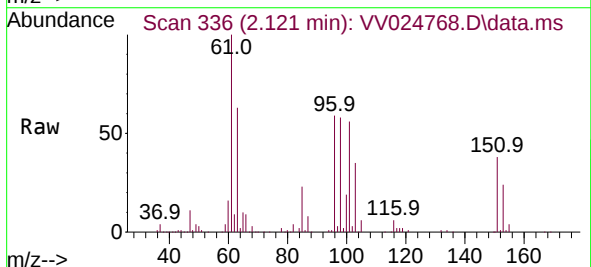
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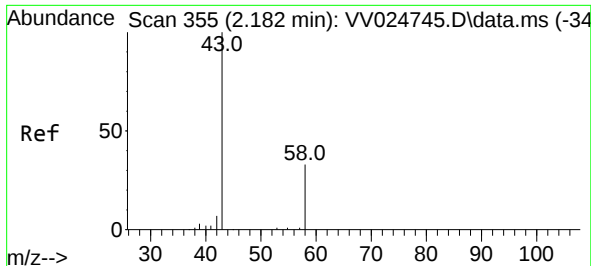
Tgt Ion:101 Resp: 96254
 Ion Ratio Lower Upper
 101 100
 85 42.4 34.7 52.1
 151 67.9 53.5 80.3



#12
 1,1-Dichloroethene
 Concen: 4.909 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024768.D
 Acq: 21 Feb 2022 10:03

Tgt Ion: 96 Resp: 88996
 Ion Ratio Lower Upper
 96 100
 61 168.3 116.3 216.1
 63 106.4 86.0 159.6





#13

Acetone

Concen: 52.494 ug/L

RT: 2.185 min Scan# 355

Delta R.T. 0.003 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

Instrument :

MSVOA_V

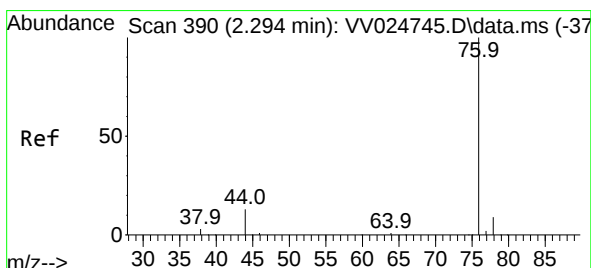
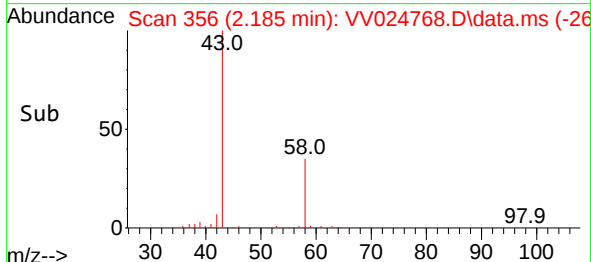
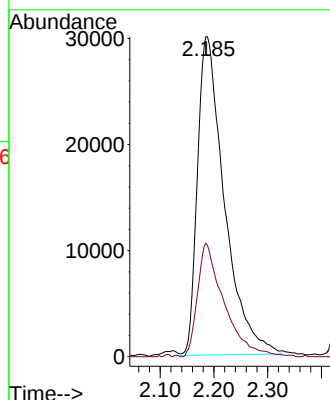
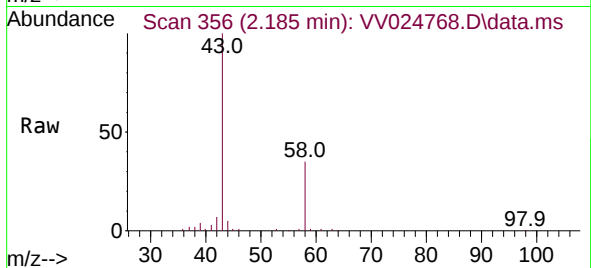
ClientSampleId :

Tgt Ion: 43 Resp: 104401

Ion Ratio Lower Upper

43 100

58 35.1 0.0 63.6



#14

Carbon disulfide

Concen: 5.106 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV024768.D

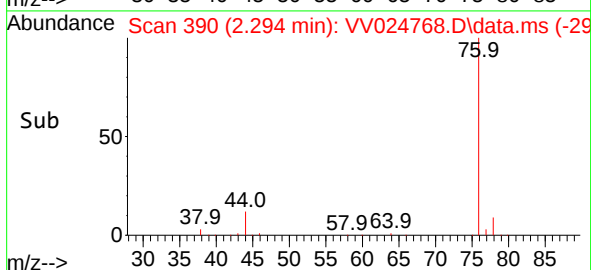
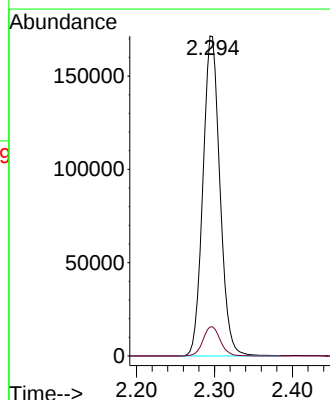
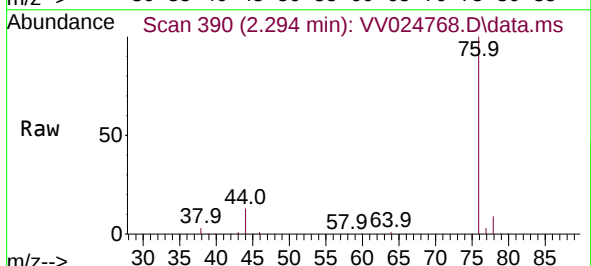
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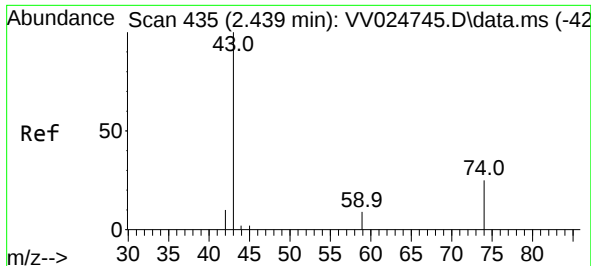
Tgt Ion: 76 Resp: 259768

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 5.165 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

Instrument :

MSVOA_V

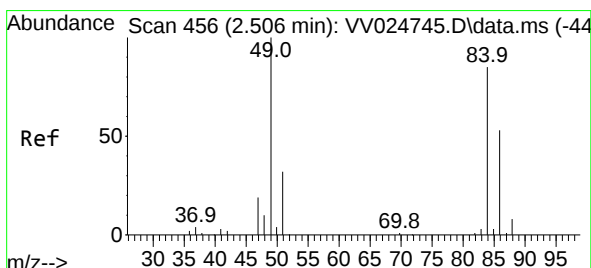
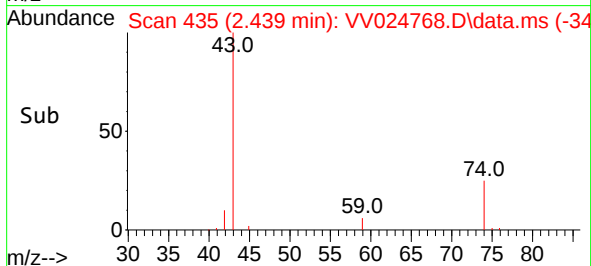
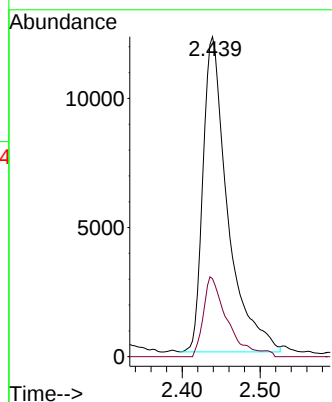
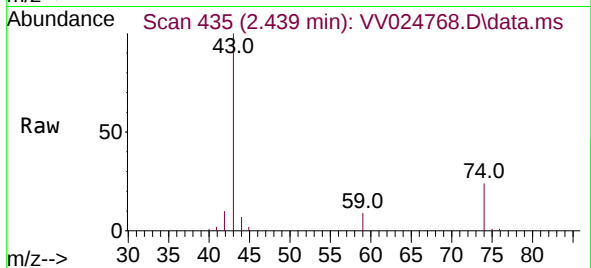
ClientSampleId :

Tgt Ion: 43 Resp: 26892

Ion Ratio Lower Upper

43 100

74 24.5 20.8 31.2



#16

Methylene chloride

Concen: 4.977 ug/L

RT: 2.506 min Scan# 456

Delta R.T. -0.000 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

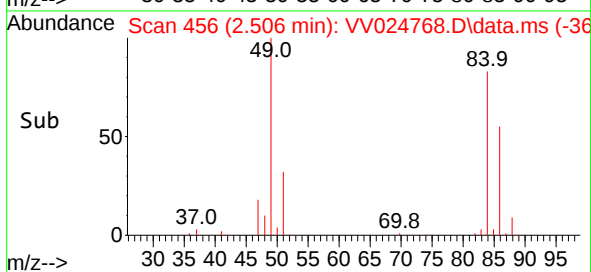
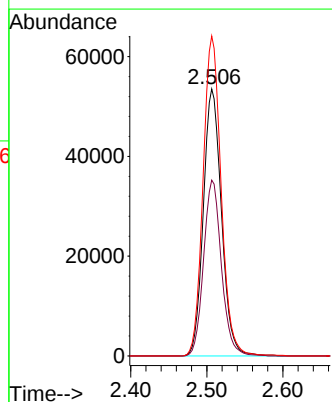
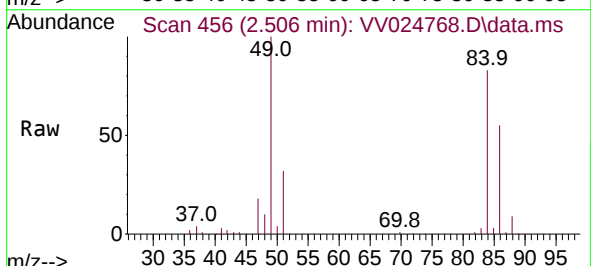
Tgt Ion: 84 Resp: 88840

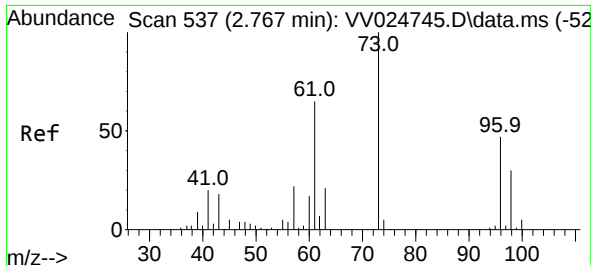
Ion Ratio Lower Upper

84 100

86 65.9 45.1 83.7

49 119.8 83.5 155.1





#17

Methyl tert-butyl Ether

Concen: 5.274 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

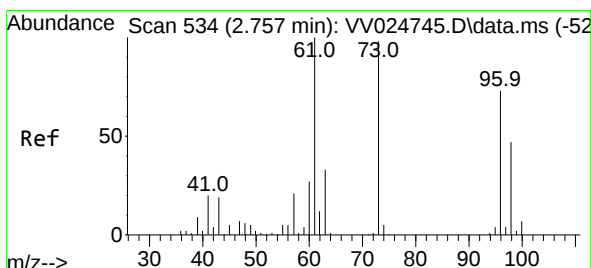
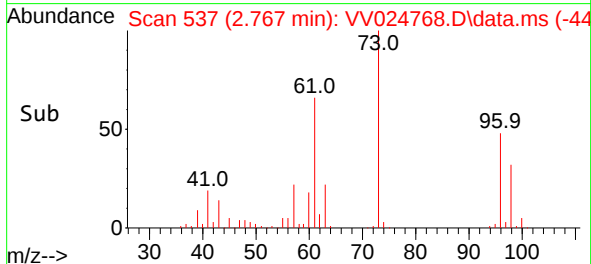
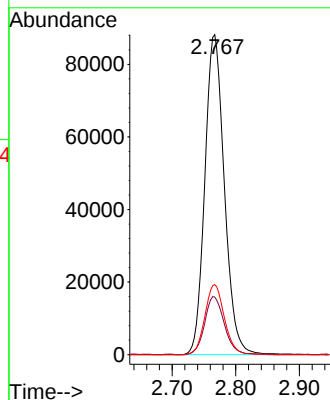
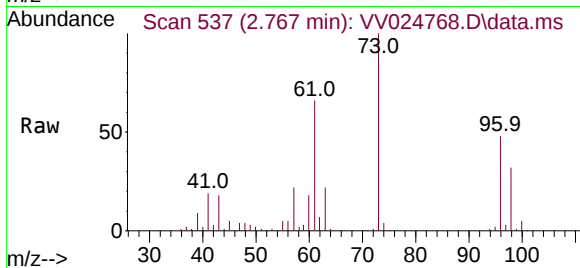
Tgt Ion: 73 Resp: 187956

Ion Ratio Lower Upper

73 100

43 18.5 15.1 22.7

57 21.9 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 5.101 ug/L

RT: 2.760 min Scan# 535

Delta R.T. 0.003 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

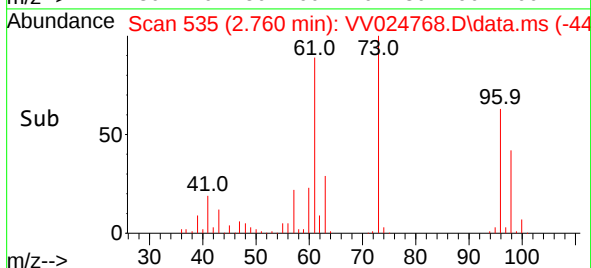
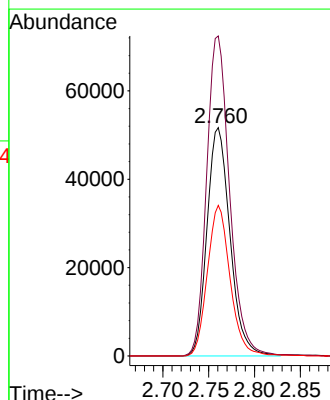
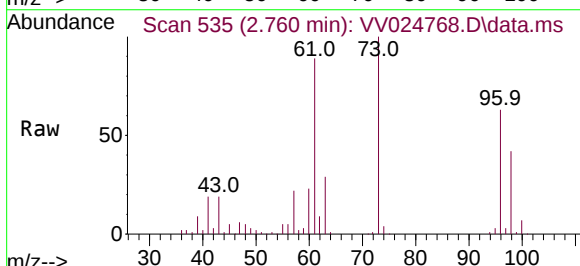
Tgt Ion: 96 Resp: 90320

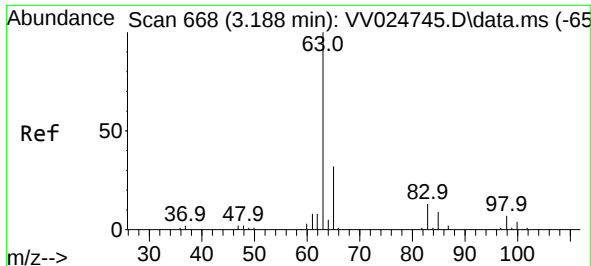
Ion Ratio Lower Upper

96 100

61 140.1 92.9 172.5

98 65.9 44.5 82.7





#19

1,1-Dichloroethane

Concen: 5.210 ug/L

RT: 3.188 min Scan# 668

Delta R.T. -0.000 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

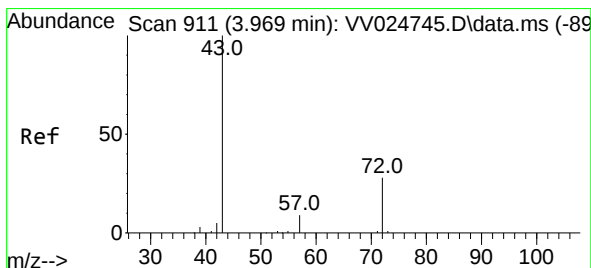
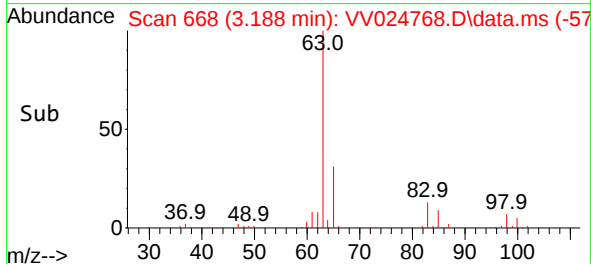
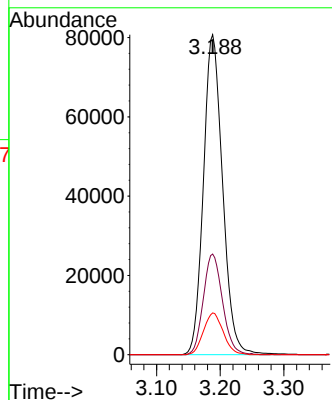
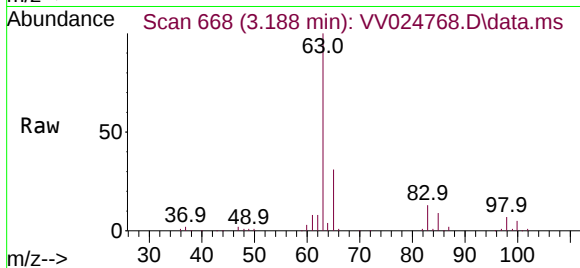
Tgt Ion: 63 Resp: 168897

Ion Ratio Lower Upper

63 100

65 31.5 22.0 40.8

83 13.0 9.5 17.7



#21

2-Butanone

Concen: 57.225 ug/L

RT: 3.969 min Scan# 911

Delta R.T. -0.000 min

Lab File: VV024768.D

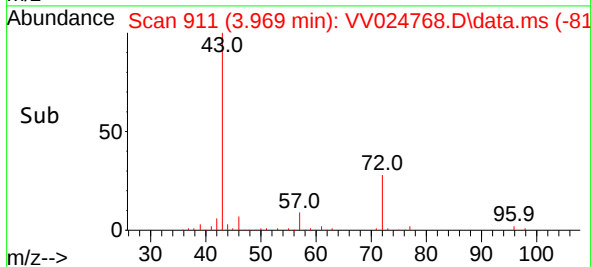
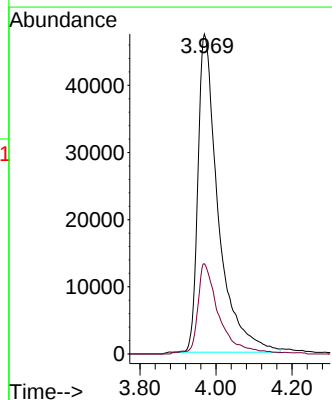
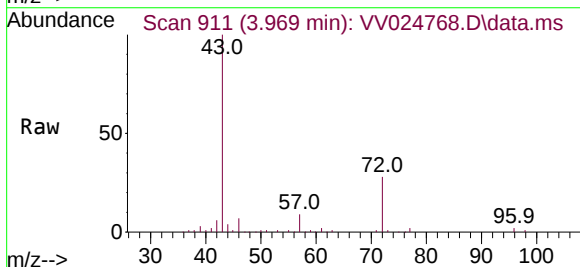
Acq: 21 Feb 2022 10:03

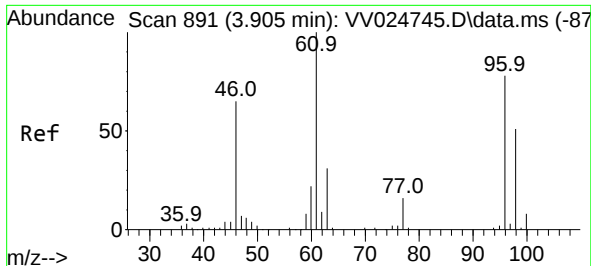
Tgt Ion: 43 Resp: 175872

Ion Ratio Lower Upper

43 100

72 27.1 13.2 39.6





#22

cis-1,2-Dichloroethene

Concen: 5.280 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

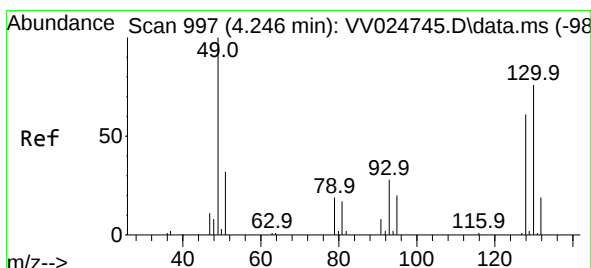
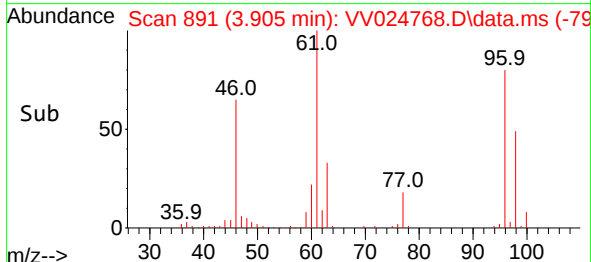
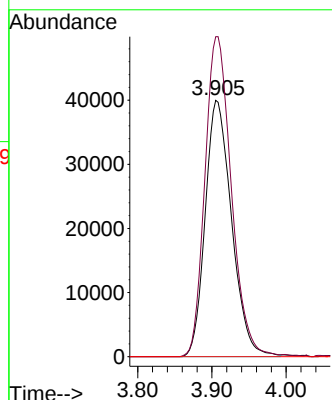
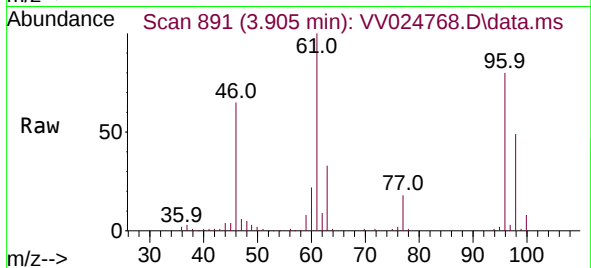
Tgt Ion: 96 Resp: 98809

Ion Ratio Lower Upper

96 100

61 124.8 89.7 166.5

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.173 ug/L

RT: 4.243 min Scan# 996

Delta R.T. -0.003 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

Tgt Ion: 128 Resp: 37420

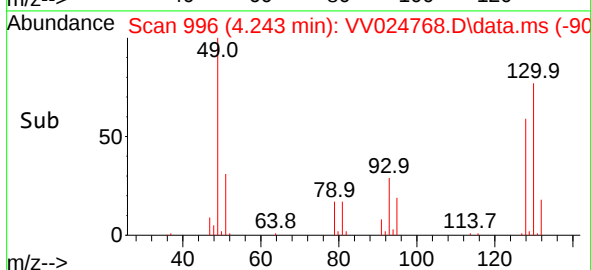
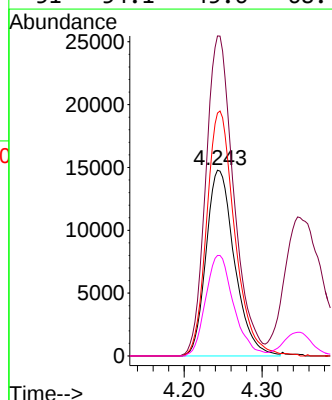
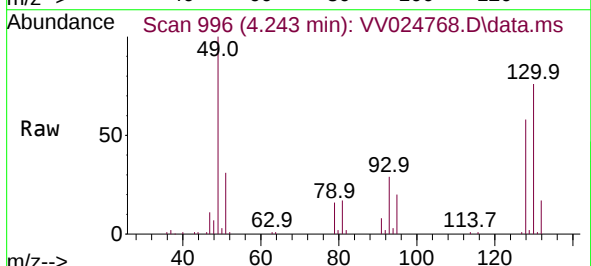
Ion Ratio Lower Upper

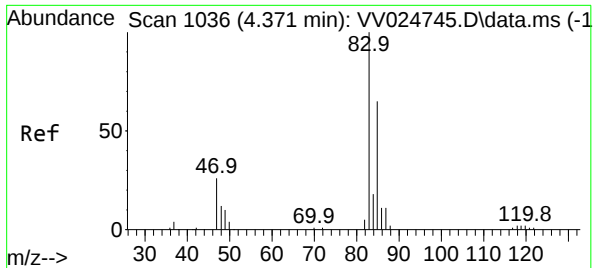
128 100

49 172.2 124.2 230.6

130 130.7 92.1 171.1

51 54.1 45.6 68.4

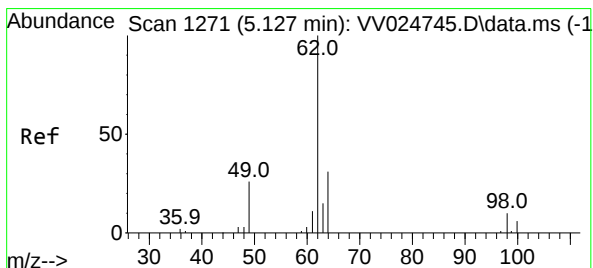
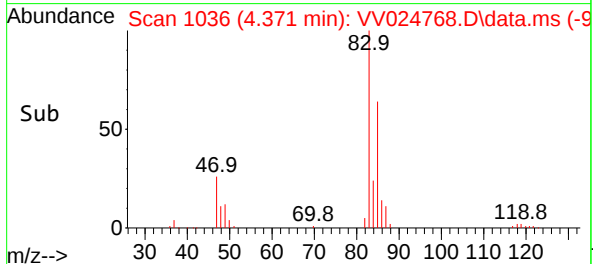
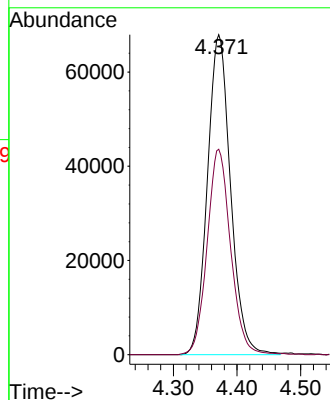
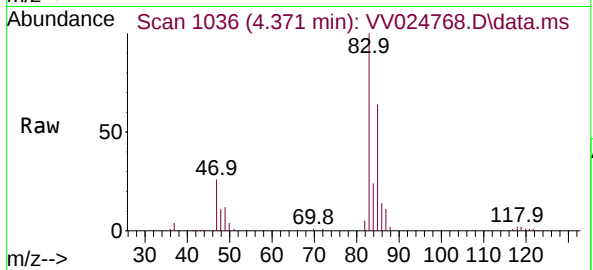




#25
Chloroform
Concen: 5.068 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

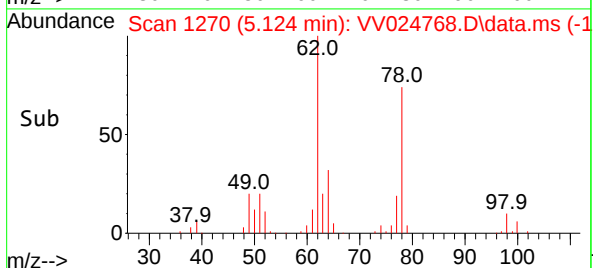
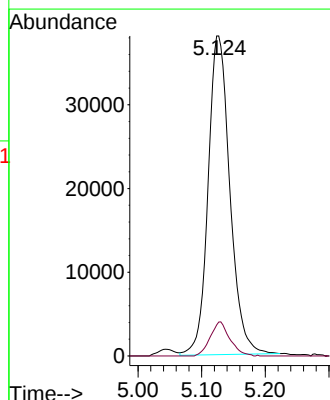
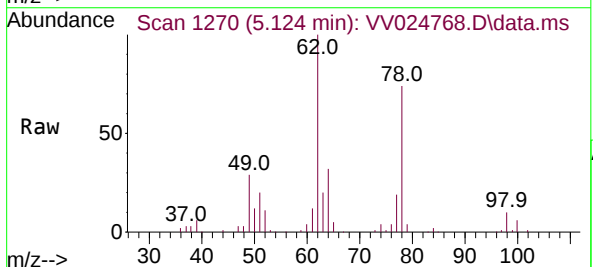
Instrument :
MSVOA_V
ClientSampleId :

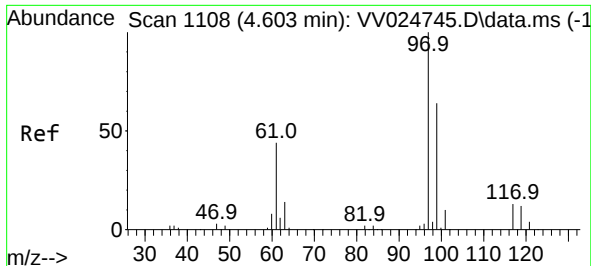
Tgt Ion: 83 Resp: 171650
Ion Ratio Lower Upper
83 100
85 64.2 45.5 84.5



#27
1,2-Dichloroethane
Concen: 5.015 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

Tgt Ion: 62 Resp: 90645
Ion Ratio Lower Upper
62 100
98 9.7 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 5.376 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

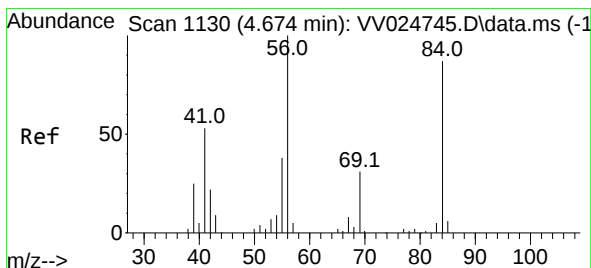
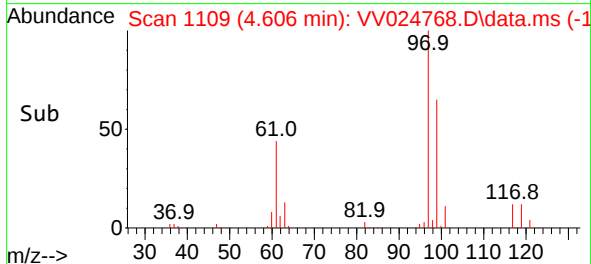
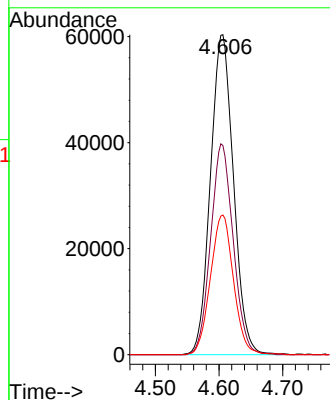
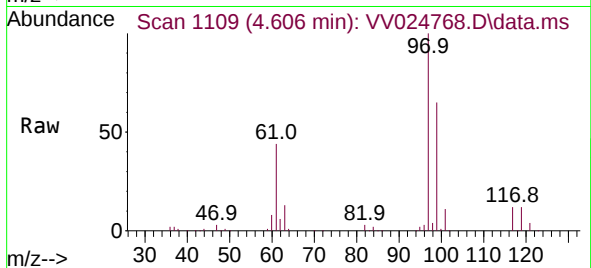
Tgt Ion: 97 Resp: 151817

Ion Ratio Lower Upper

97 100

99 64.6 50.5 75.7

61 43.8 35.8 53.6



#30

Cyclohexane

Concen: 5.363 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

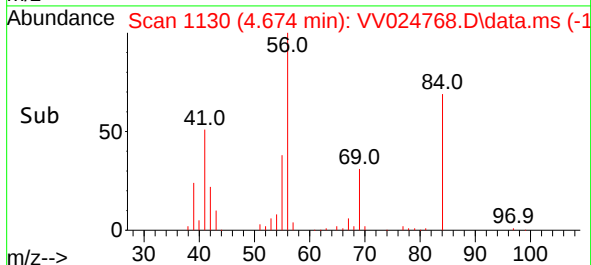
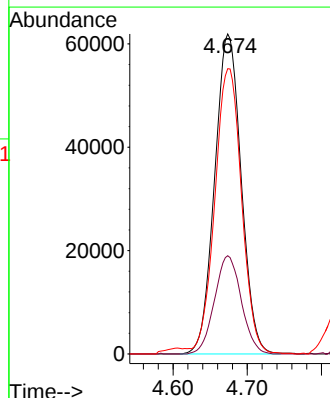
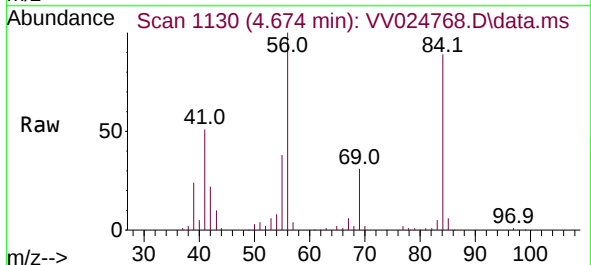
Tgt Ion: 56 Resp: 153635

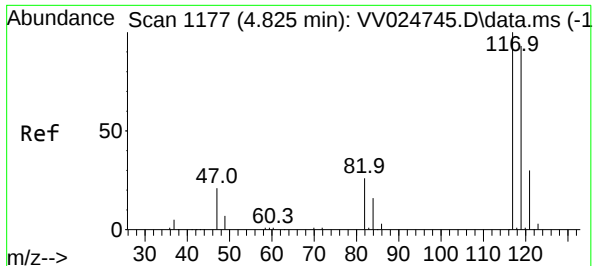
Ion Ratio Lower Upper

56 100

69 31.0 24.6 37.0

84 89.6 71.4 107.0

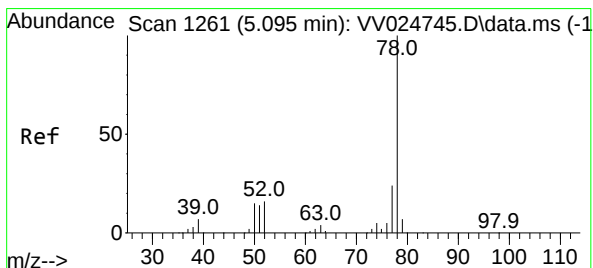
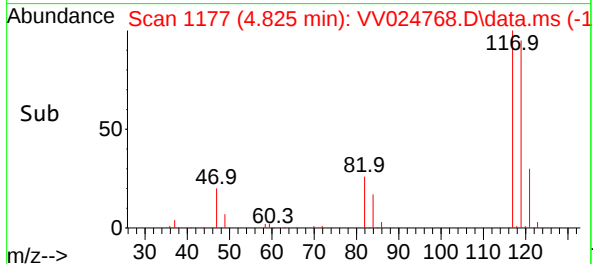
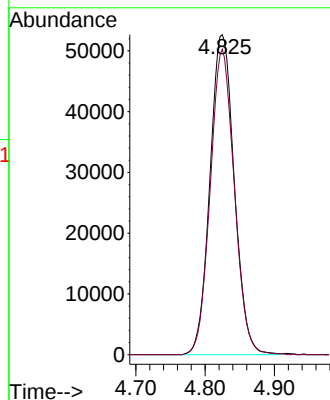
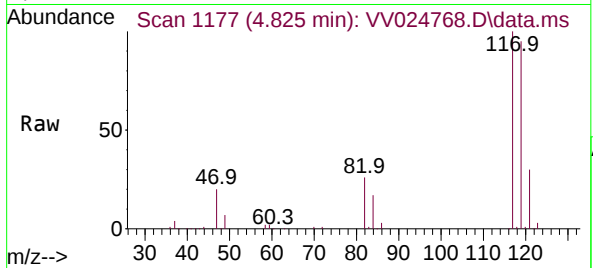




#31
Carbon tetrachloride
Concen: 5.410 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

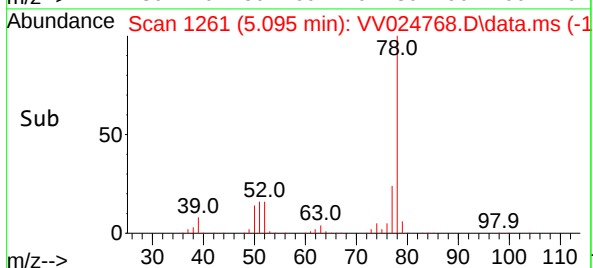
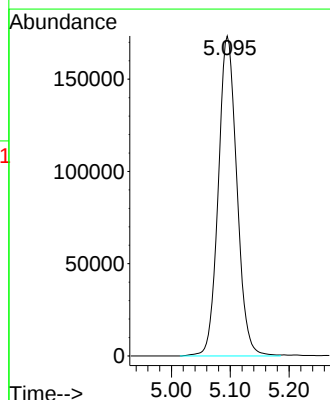
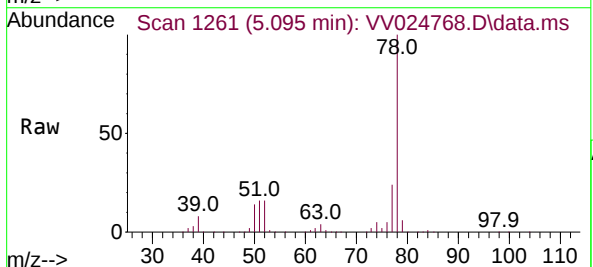
Instrument :
MSVOA_V
ClientSampleId :

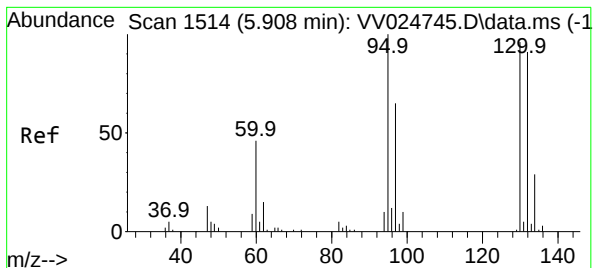
Tgt Ion:117 Resp: 128442
Ion Ratio Lower Upper
117 100
119 94.2 76.6 115.0



#33
Benzene
Concen: 5.336 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

Tgt Ion: 78 Resp: 380185





#34

Trichloroethene

Concen: 5.378 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.000 min

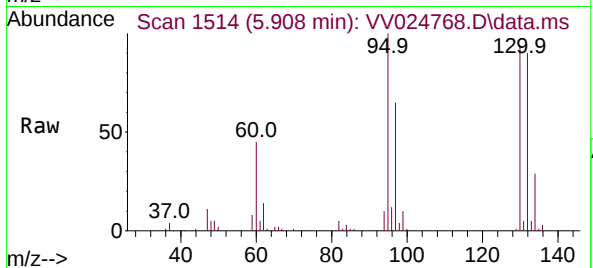
Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 101505

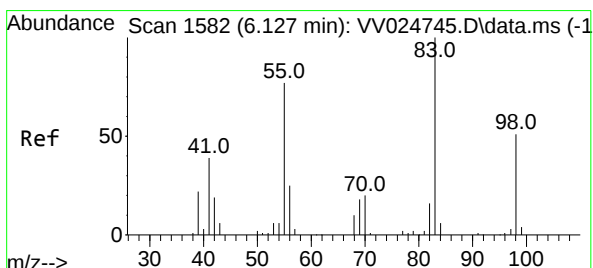
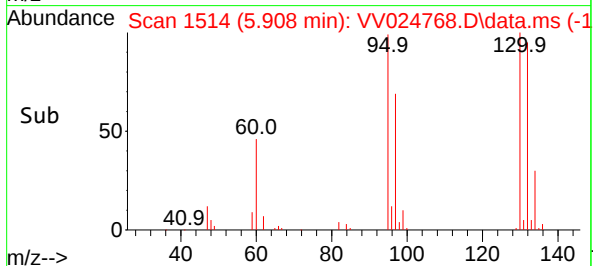
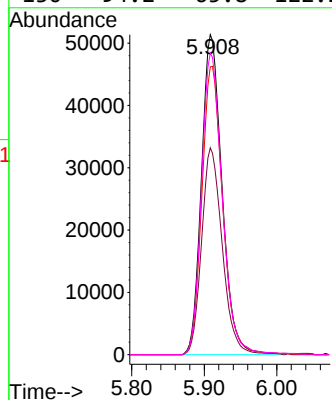
Ion Ratio Lower Upper

95 100

97 64.6 44.2 82.0

132 89.9 62.1 115.3

130 94.2 65.8 122.2



#35

Methylcyclohexane

Concen: 5.404 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

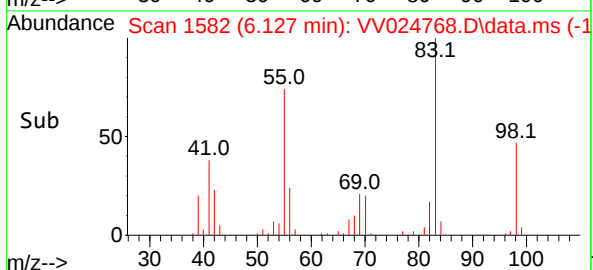
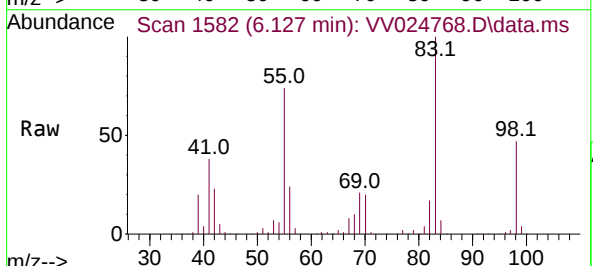
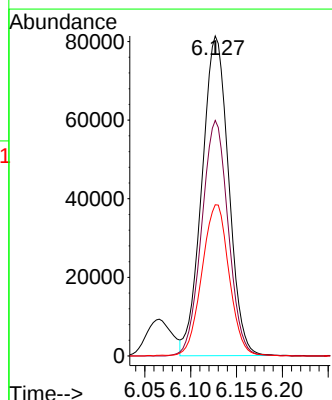
Tgt Ion: 83 Resp: 164759

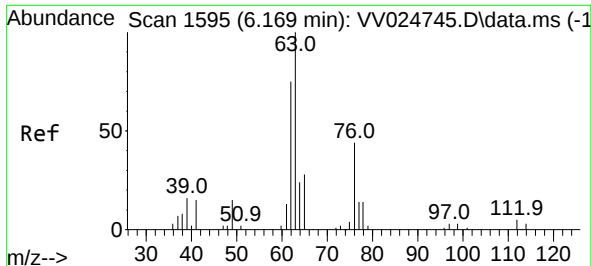
Ion Ratio Lower Upper

83 100

55 73.3 58.8 88.2

98 48.2 38.6 58.0





#37

1,2-Dichloropropane

Concen: 5.452 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

Instrument :

MSVOA_V

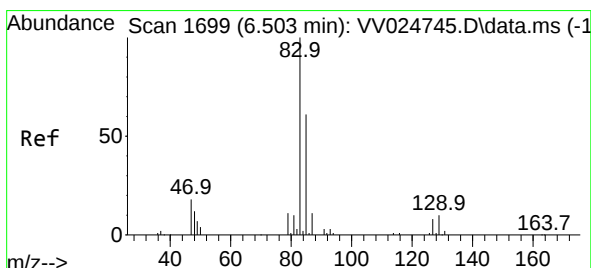
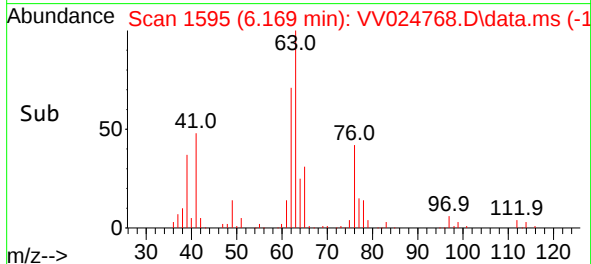
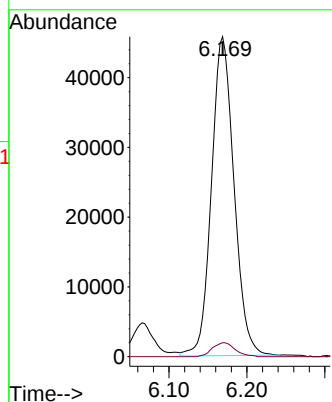
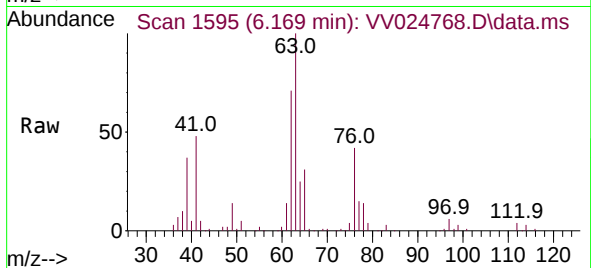
ClientSampleId :

Tgt Ion: 63 Resp: 91777

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.6



#38

Bromodichloromethane

Concen: 5.396 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

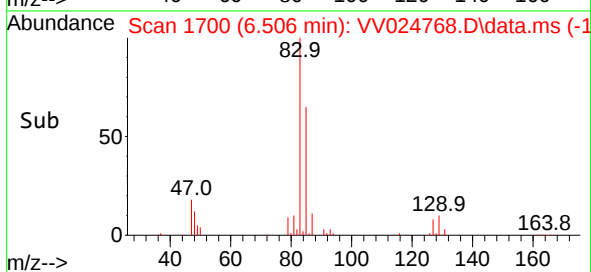
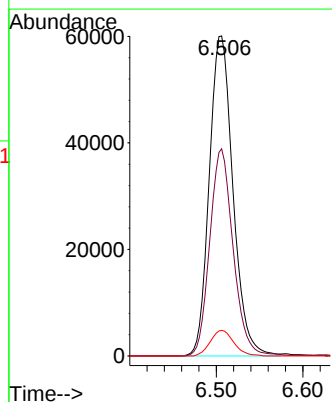
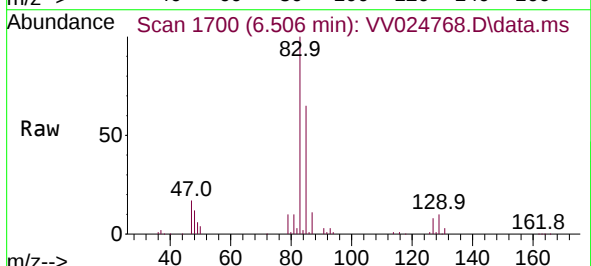
Tgt Ion: 83 Resp: 114340

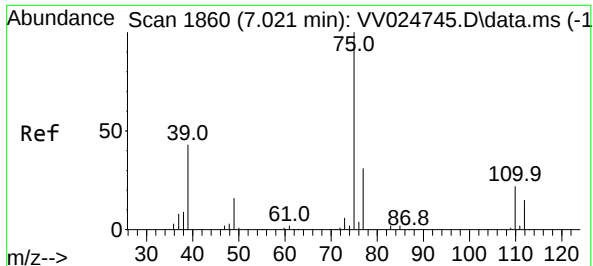
Ion Ratio Lower Upper

83 100

85 64.8 43.5 80.9

127 8.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.529 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

Instrument :

MSVOA_V

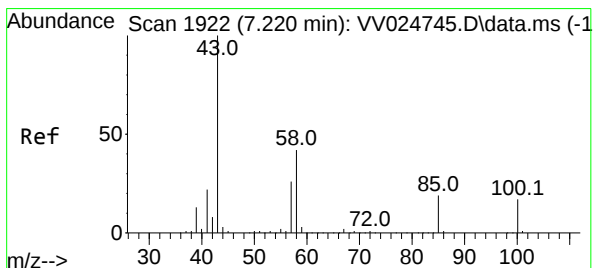
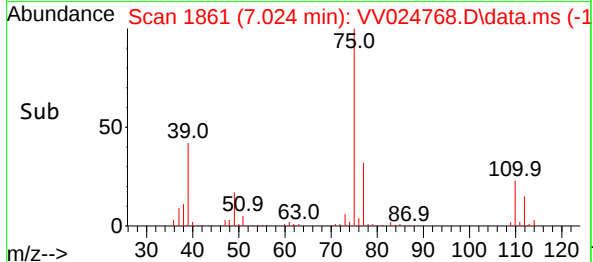
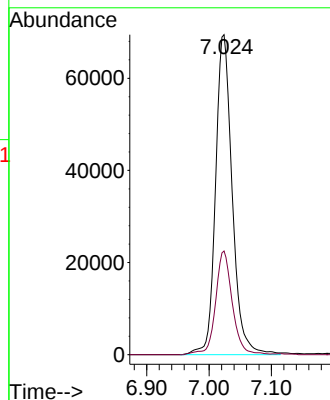
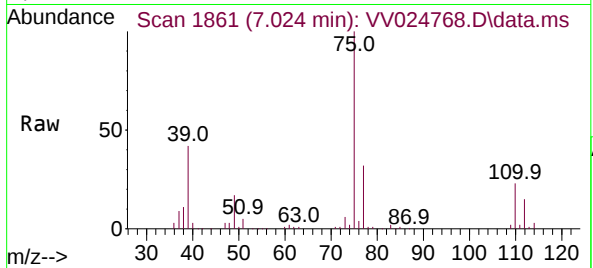
ClientSampleId :

Tgt Ion: 75 Resp: 129087

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 54.172 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

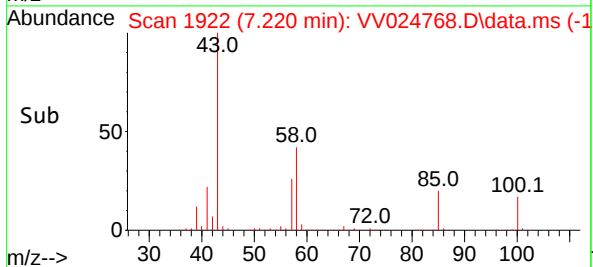
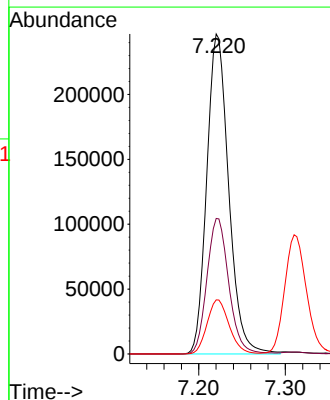
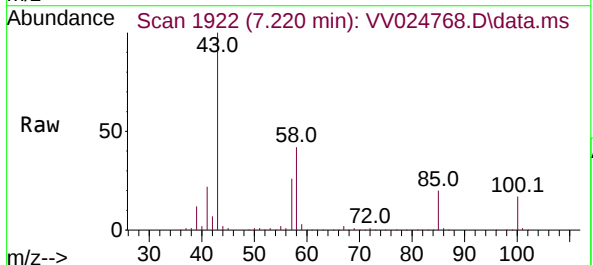
Tgt Ion: 43 Resp: 433753

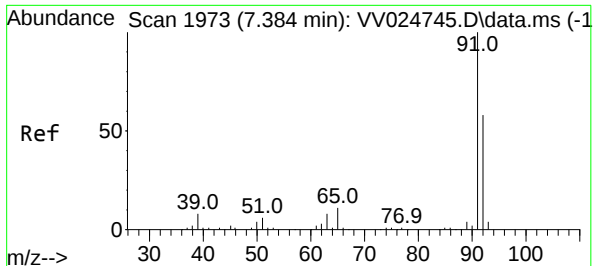
Ion Ratio Lower Upper

43 100

58 42.2 33.0 49.6

100 17.0 13.3 19.9





#42

Toluene

Concen: 5.364 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

Instrument :

MSVOA_V

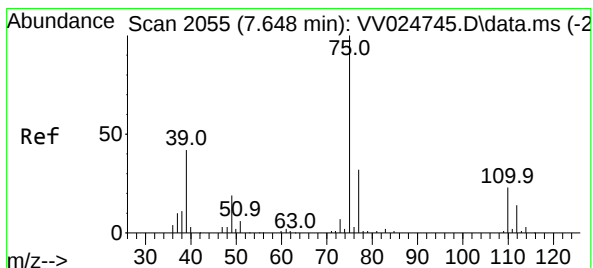
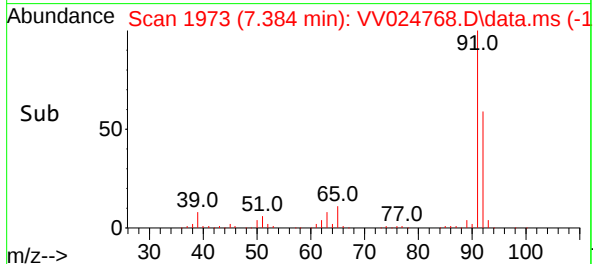
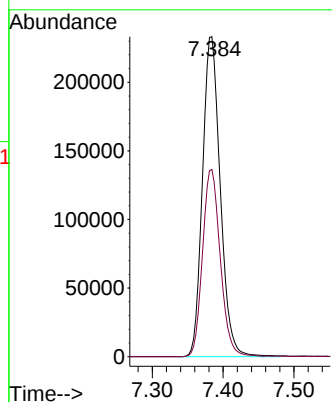
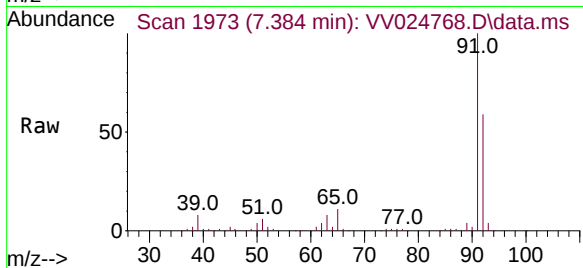
ClientSampleId :

Tgt Ion: 91 Resp: 406890

Ion Ratio Lower Upper

91 100

92 58.5 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.586 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV024768.D

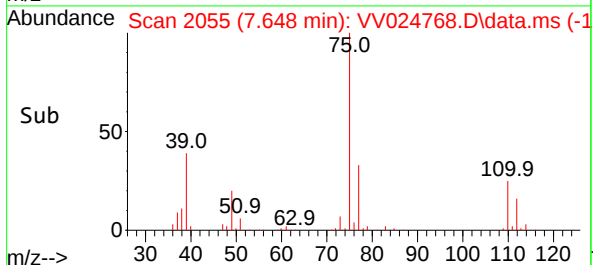
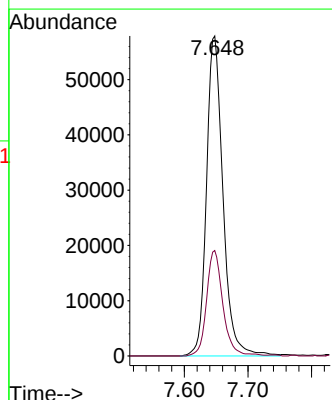
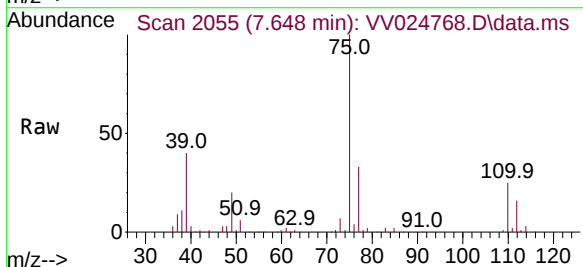
Acq: 21 Feb 2022 10:03

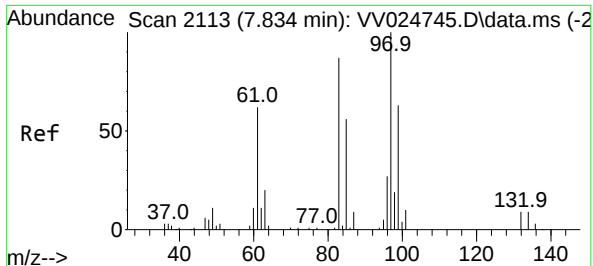
Tgt Ion: 75 Resp: 104214

Ion Ratio Lower Upper

75 100

77 32.9 23.5 43.7

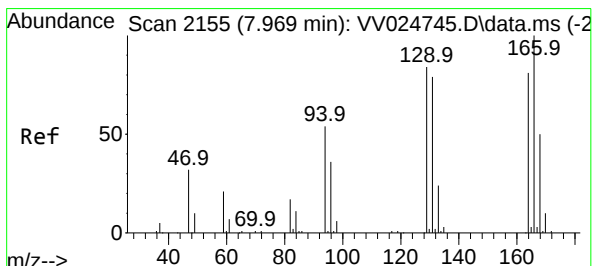
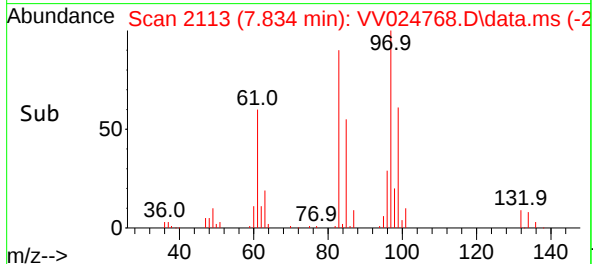
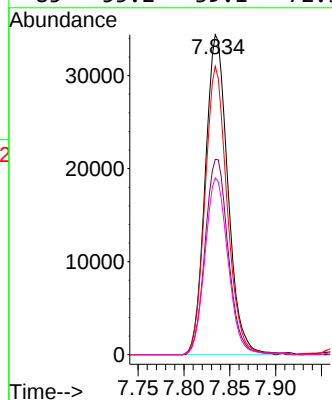
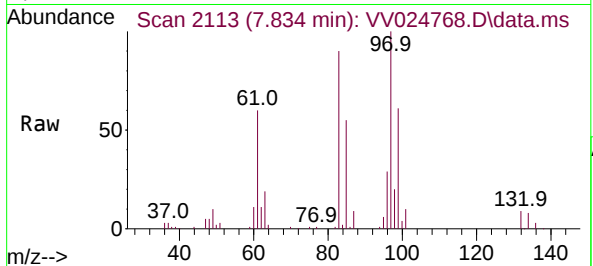




#45
1,1,2-Trichloroethane
Concen: 5.394 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

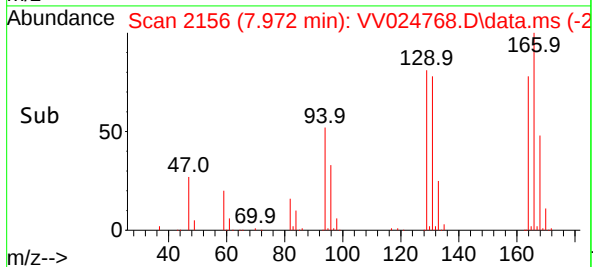
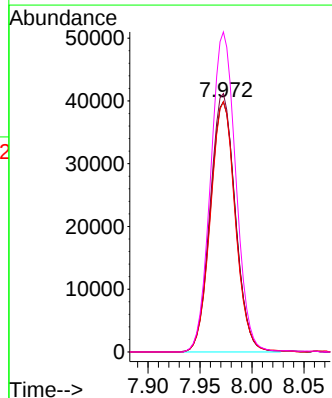
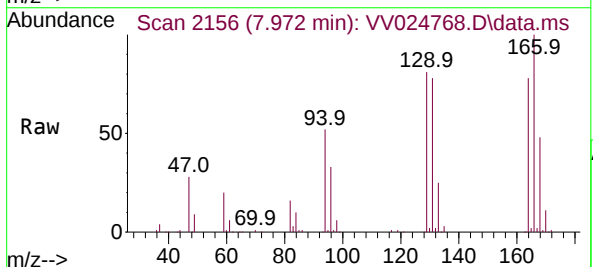
Instrument :
MSVOA_V
ClientSampleId :

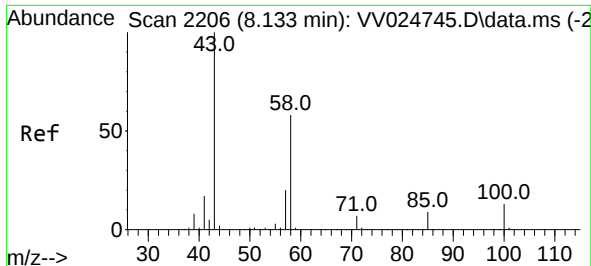
Tgt Ion:	97	Resp:	59066
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.8	81.3
83	90.1	61.3	113.9
85	55.2	39.1	72.5



#47
Tetrachloroethene
Concen: 5.265 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

Tgt Ion:	164	Resp:	67667
Ion	Ratio	Lower	Upper
164	100		
129	103.3	70.3	130.7
131	100.0	67.7	125.7
166	127.9	88.3	164.1

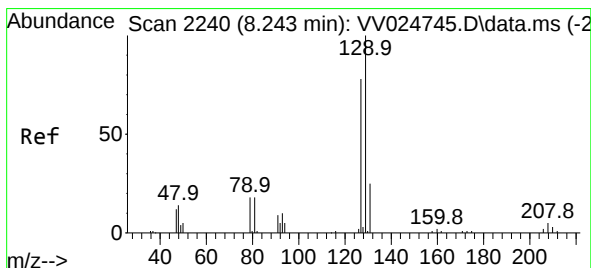
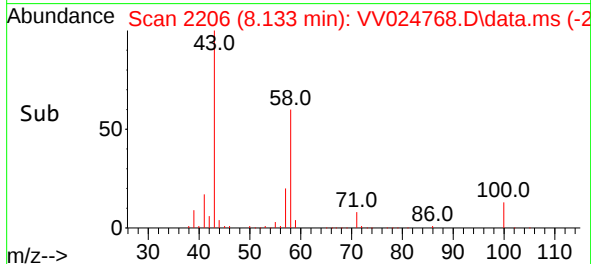
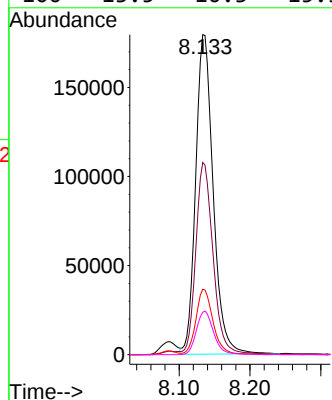
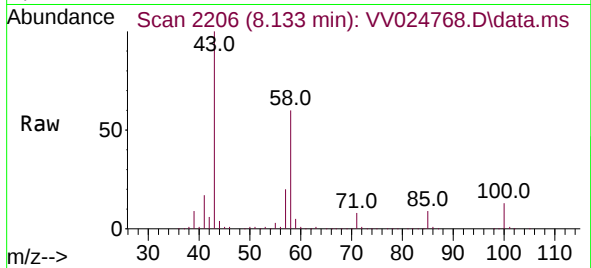




#48
2-Hexanone
Concen: 54.652 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

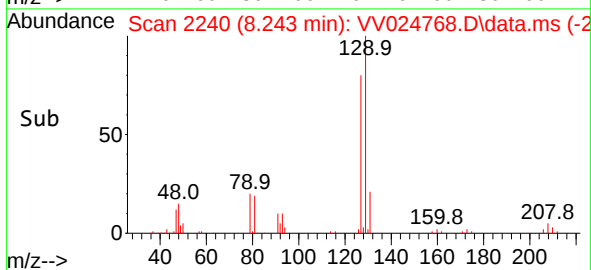
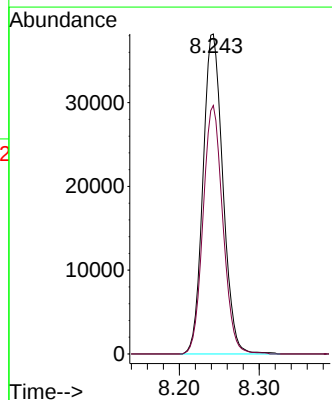
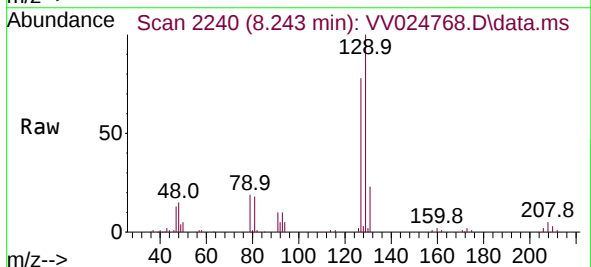
Instrument :
MSVOA_V
ClientSampleId :

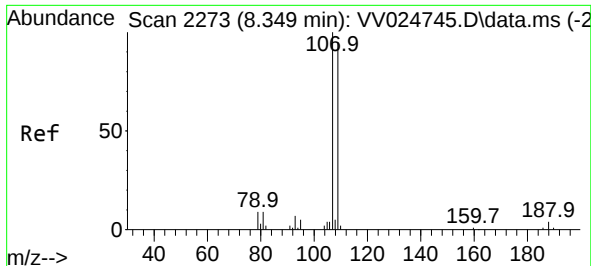
Tgt Ion: 43 Resp: 307670
Ion Ratio Lower Upper
43 100
58 59.0 46.0 69.0
57 20.1 15.7 23.5
100 13.5 10.3 15.5



#49
Dibromochloromethane
Concen: 5.441 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

Tgt Ion: 129 Resp: 66117
Ion Ratio Lower Upper
129 100
127 77.7 53.6 99.6





#50

1,2-Dibromoethane

Concen: 5.414 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024768.D

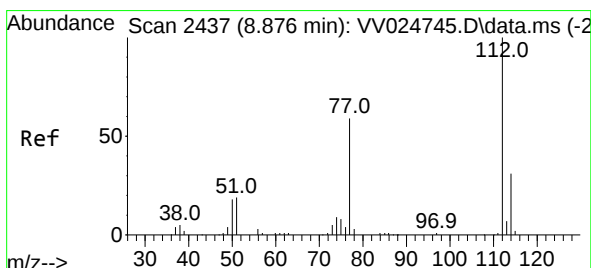
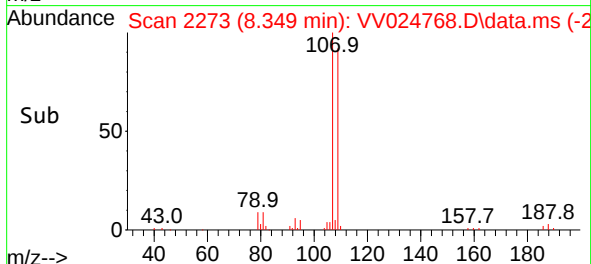
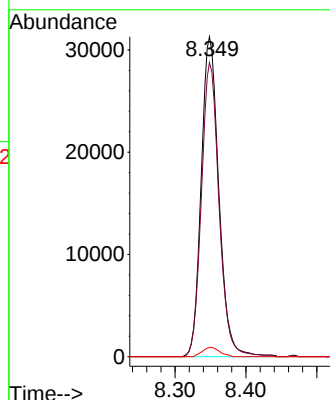
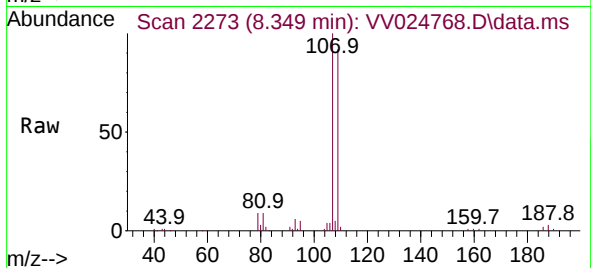
Acq: 21 Feb 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	54095
Ion Ratio	Lower	Upper
107	100	
109	91.9	65.6 121.8
188	2.9	2.6 3.8



#51

Chlorobenzene

Concen: 5.215 ug/L

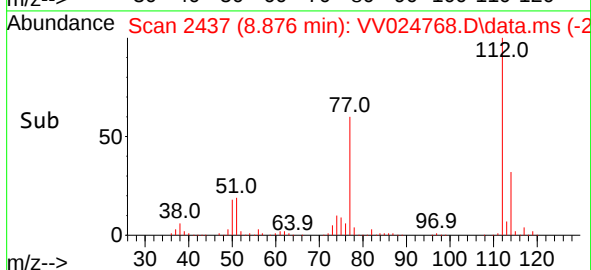
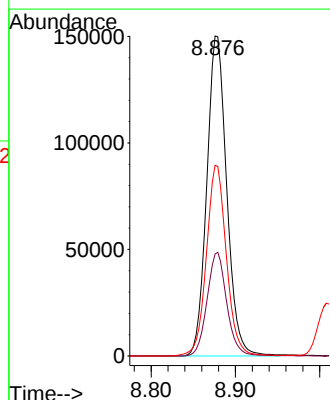
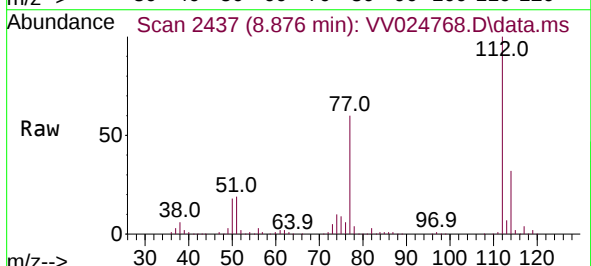
RT: 8.876 min Scan# 2437

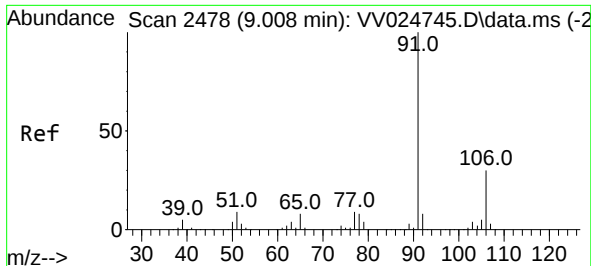
Delta R.T. -0.000 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

Tgt Ion:112	Resp:	247454
Ion Ratio	Lower	Upper
112	100	
114	31.9	22.3 41.5
77	59.6	48.4 72.6

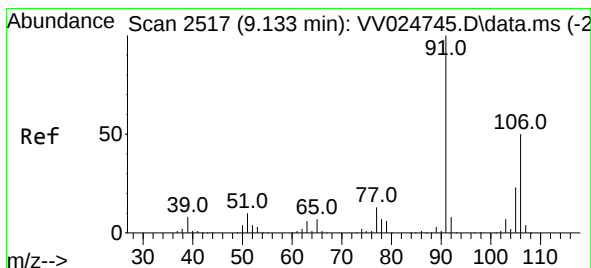
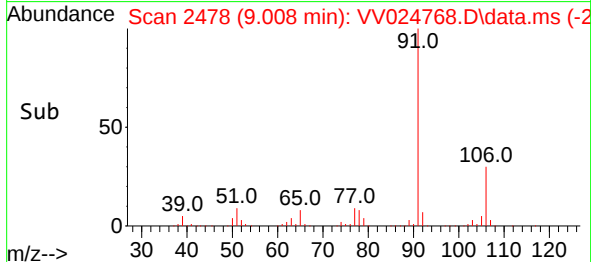
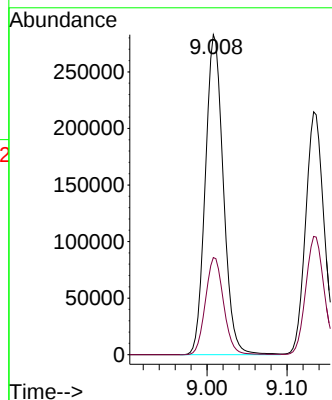
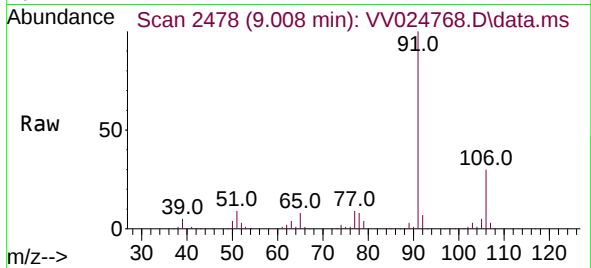




#52
Ethylbenzene
Concen: 5.364 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

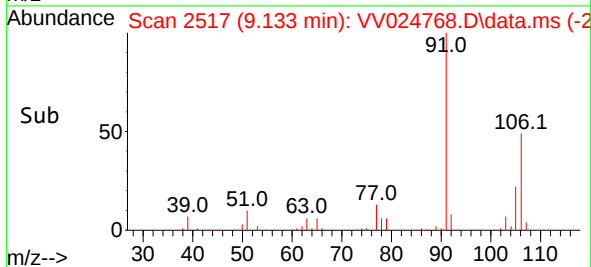
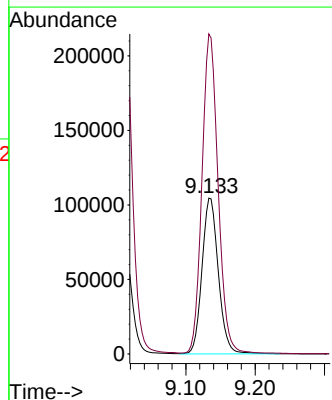
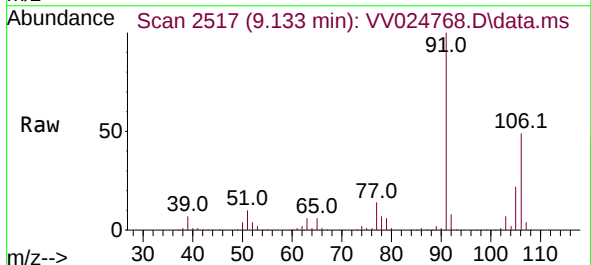
Instrument :
MSVOA_V
ClientSampleId :

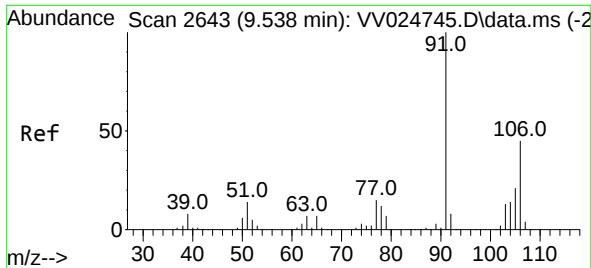
Tgt Ion: 91 Resp: 444044
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-xylene
Concen: 5.443 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.000 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

Tgt Ion: 106 Resp: 170319
Ion Ratio Lower Upper
106 100
91 205.4 143.6 266.6





#54

o-xylene

Concen: 5.328 ug/L

RT: 9.538 min Scan# 2643

Delta R.T. -0.000 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

Instrument :

MSVOA_V

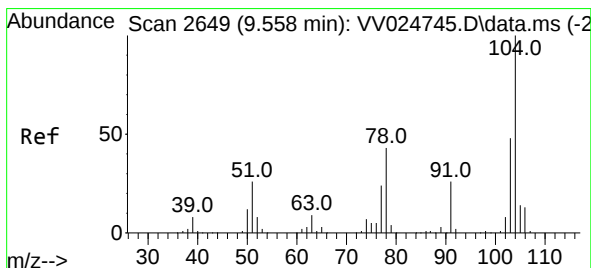
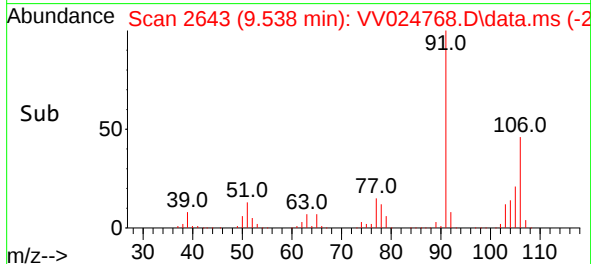
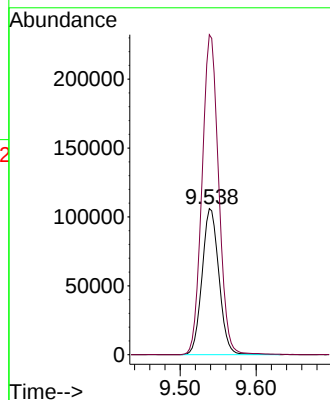
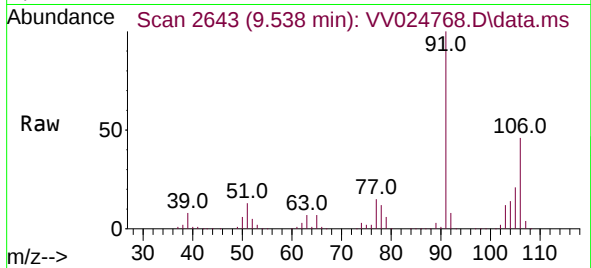
ClientSampleId :

Tgt Ion:106 Resp: 162927

Ion Ratio Lower Upper

106 100

91 219.0 152.2 282.7



#55

Styrene

Concen: 5.460 ug/L

RT: 9.558 min Scan# 2649

Delta R.T. -0.000 min

Lab File: VV024768.D

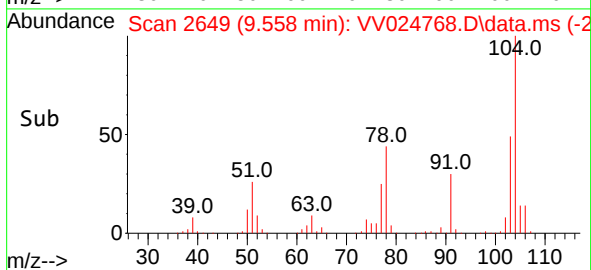
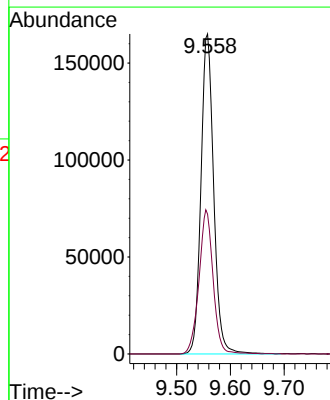
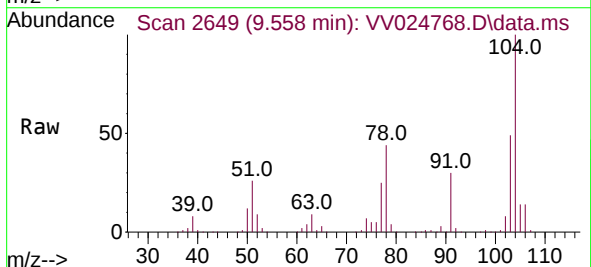
Acq: 21 Feb 2022 10:03

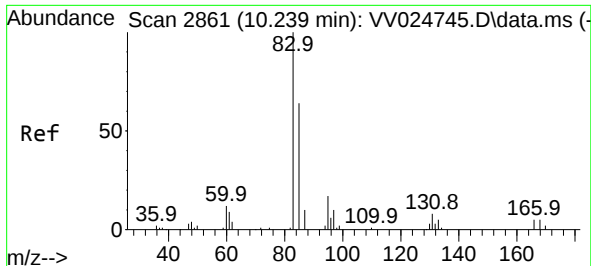
Tgt Ion:104 Resp: 271598

Ion Ratio Lower Upper

104 100

78 43.7 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.042 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

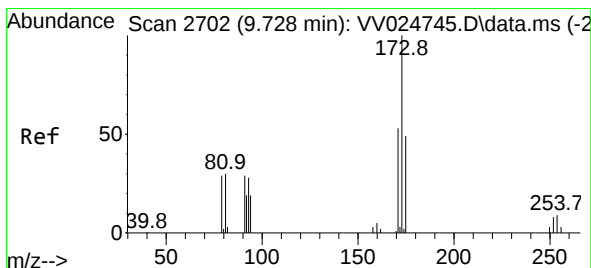
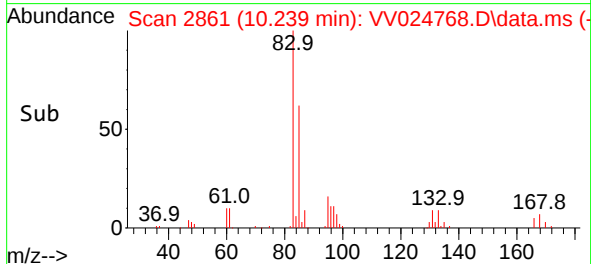
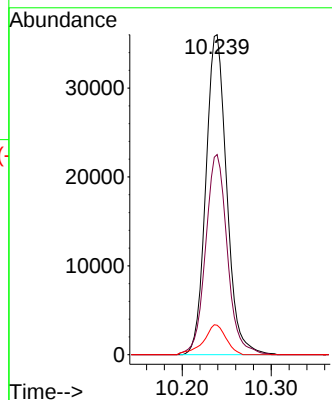
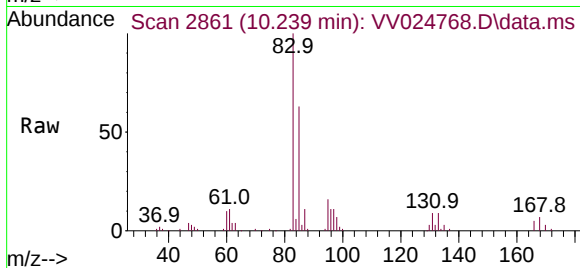
Tgt Ion: 83 Resp: 58396

Ion Ratio Lower Upper

83 100

85 62.6 43.9 81.5

131 9.2 7.0 10.4



#59

Bromoform

Concen: 5.669 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

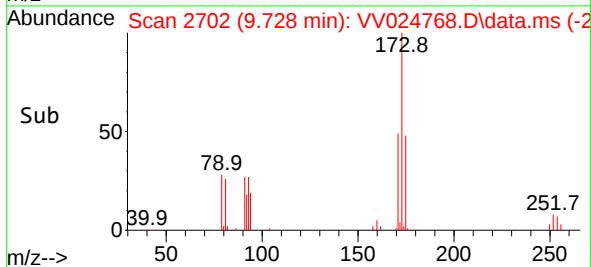
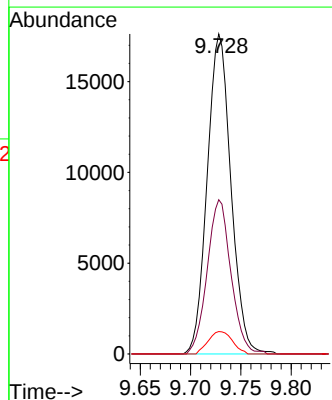
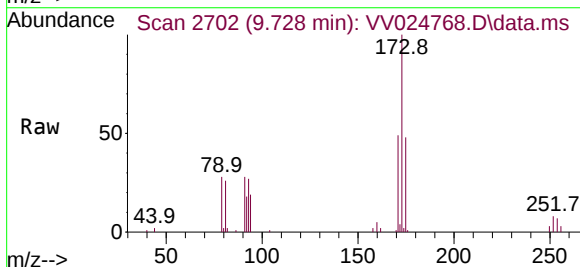
Tgt Ion: 173 Resp: 28895

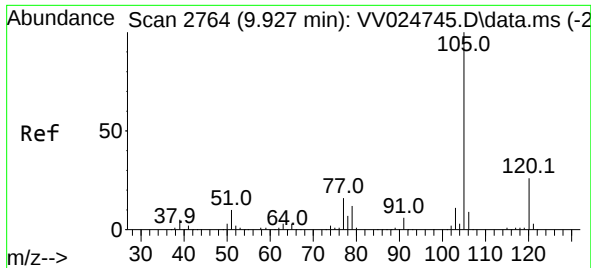
Ion Ratio Lower Upper

173 100

175 48.2 39.4 59.0

254 7.1 7.0 10.4

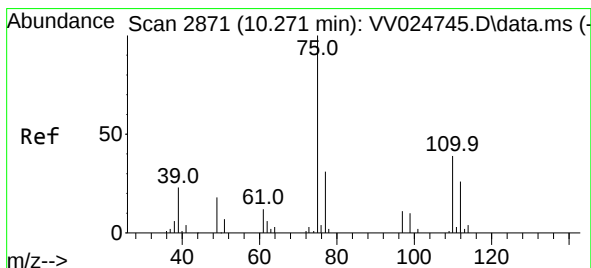
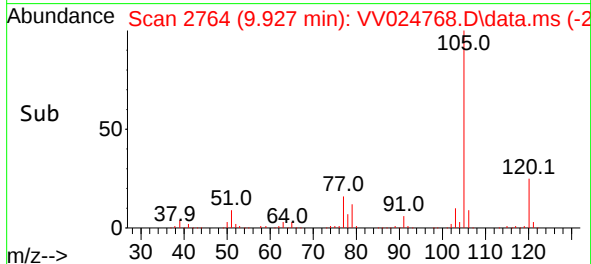
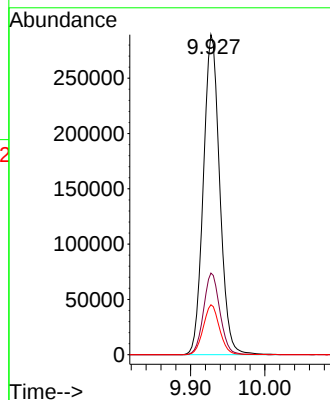
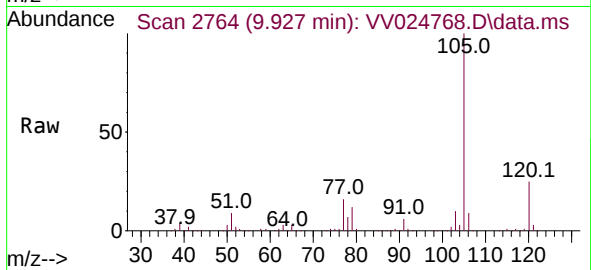




#60
Isopropylbenzene
Concen: 5.316 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

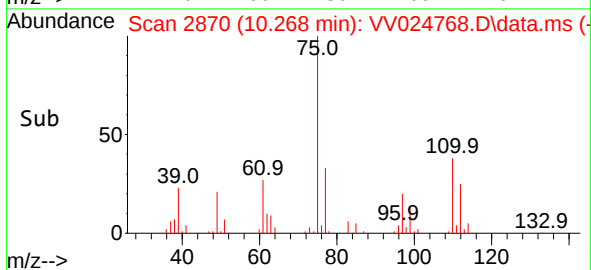
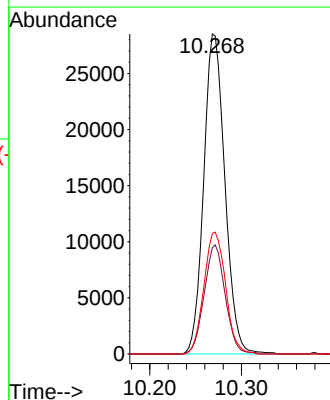
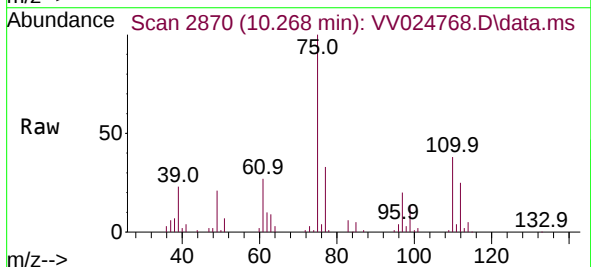
Instrument :
MSVOA_V
ClientSampleId :

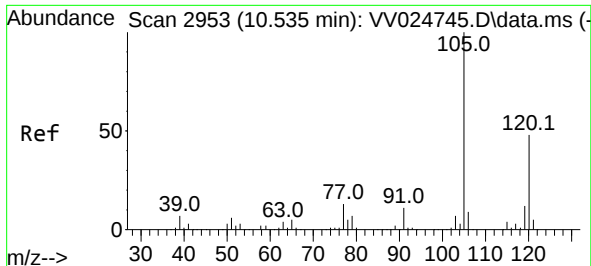
Tgt Ion:105 Resp: 442749
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 15.5 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 5.016 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

Tgt Ion: 75 Resp: 45774
Ion Ratio Lower Upper
75 100
77 33.9 26.3 39.5
110 38.9 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 5.332 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV024768.D

Acq: 21 Feb 2022 10:03

Instrument :

MSVOA_V

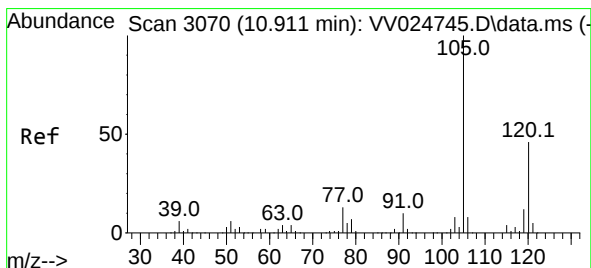
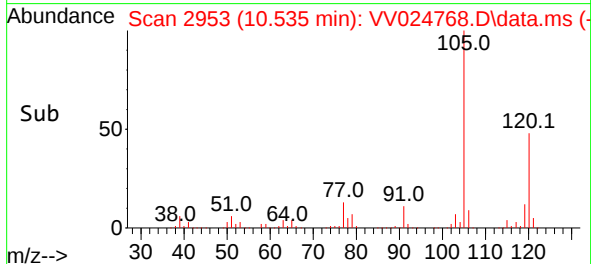
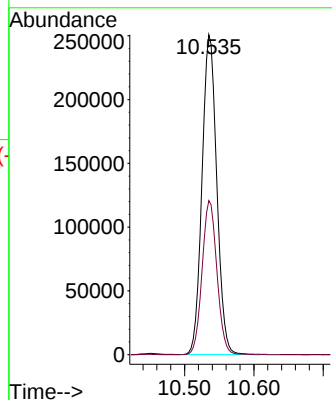
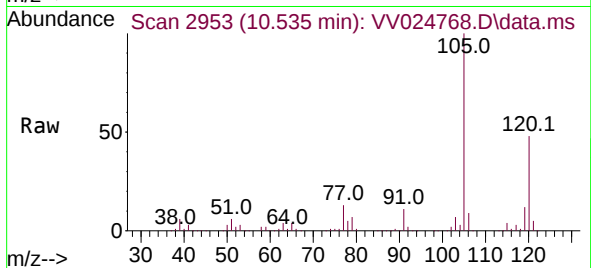
ClientSampleId :

Tgt Ion:105 Resp: 370240

Ion Ratio Lower Upper

105 100

120 48.4 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 5.390 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024768.D

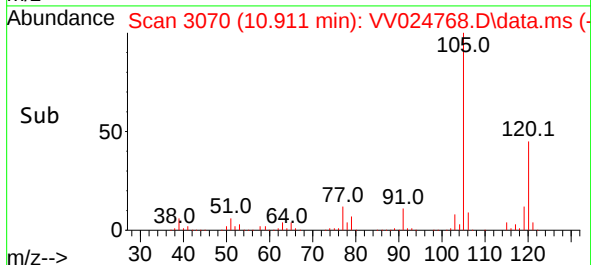
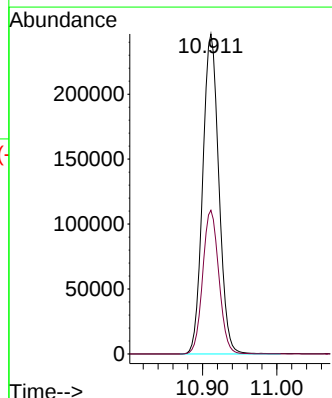
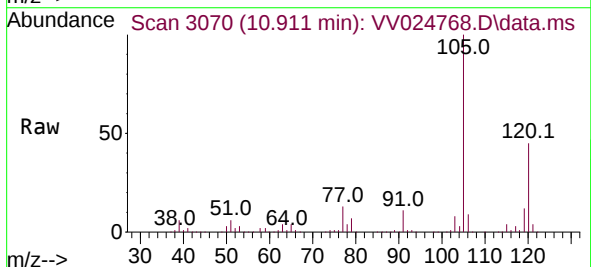
Acq: 21 Feb 2022 10:03

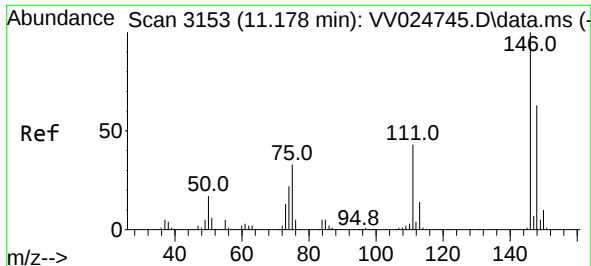
Tgt Ion:105 Resp: 371494

Ion Ratio Lower Upper

105 100

120 45.0 35.9 53.9

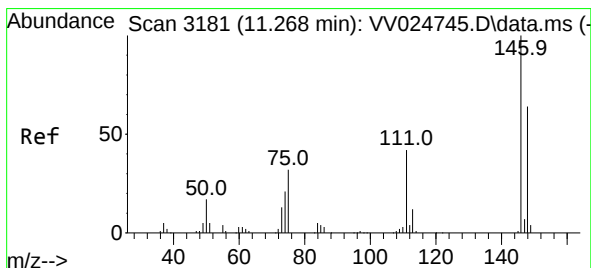
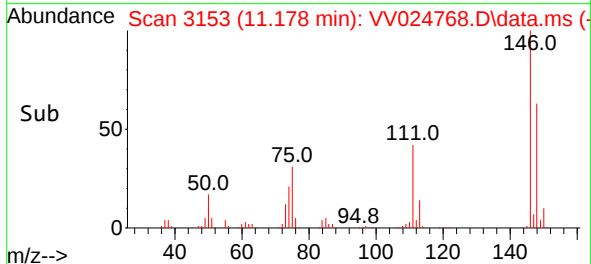
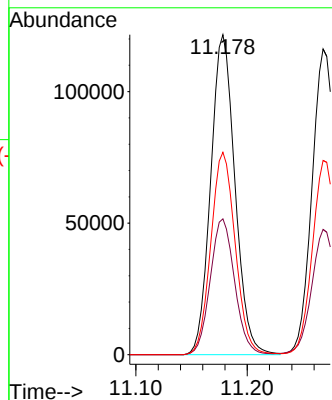
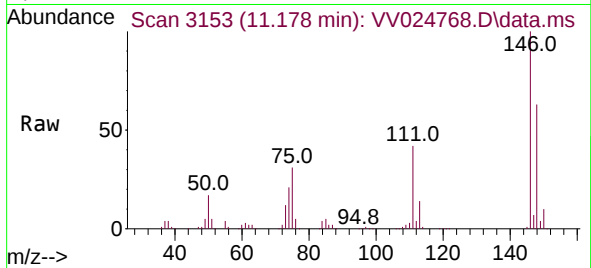




#64
1,3-Dichlorobenzene
Concen: 5.240 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

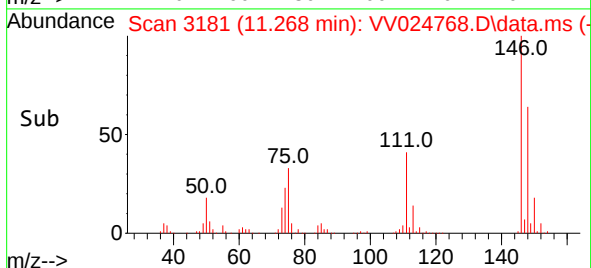
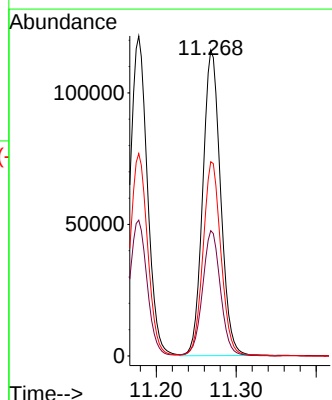
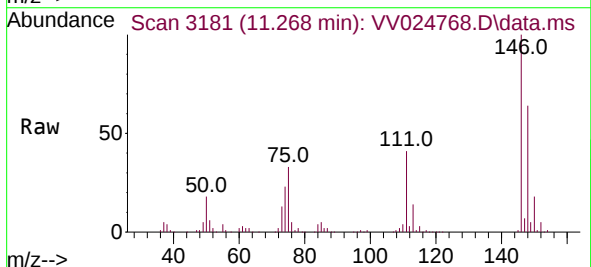
Instrument :
MSVOA_V
ClientSampleId :

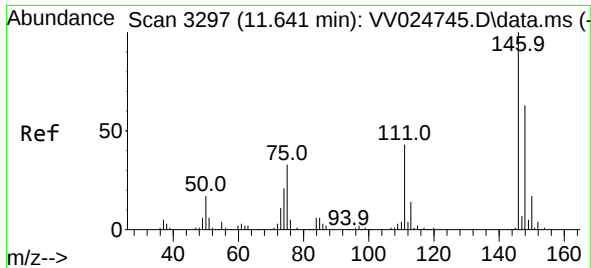
Tgt Ion:146 Resp: 184066
Ion Ratio Lower Upper
146 100
111 42.4 31.0 57.6
148 63.3 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.137 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

Tgt Ion:146 Resp: 180204
Ion Ratio Lower Upper
146 100
111 41.0 28.3 52.7
148 63.5 44.0 81.8

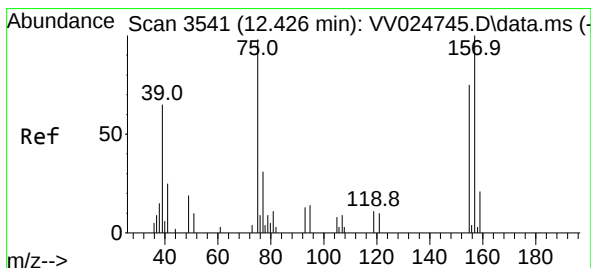
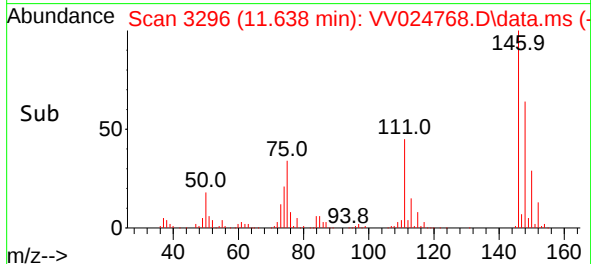
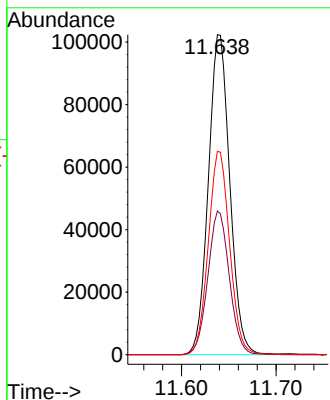
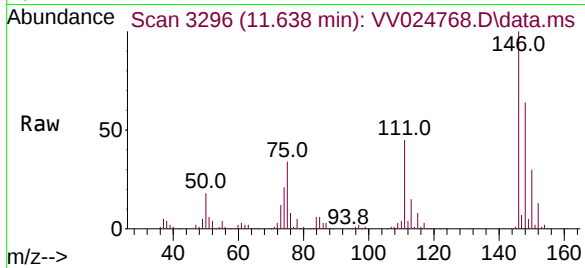




#67
1,2-Dichlorobenzene
Concen: 5.211 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

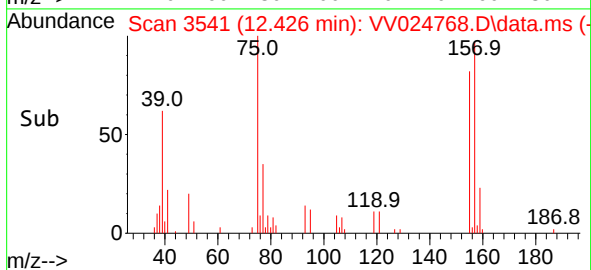
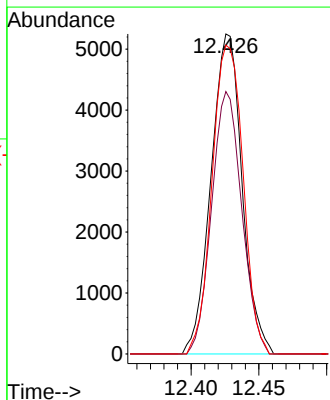
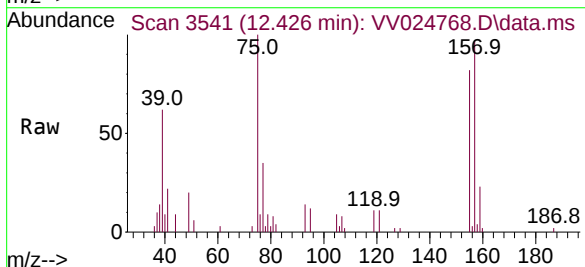
Instrument :
MSVOA_V
ClientSampleId :

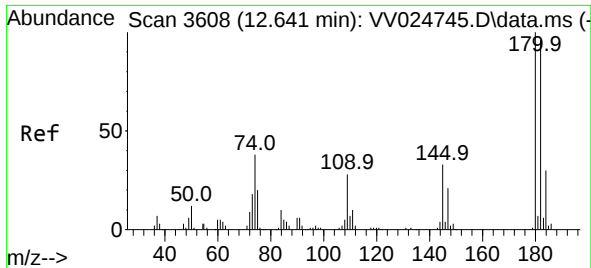
Tgt Ion:146 Resp: 161453
Ion Ratio Lower Upper
146 100
111 44.9 36.0 54.0
148 63.5 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.360 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

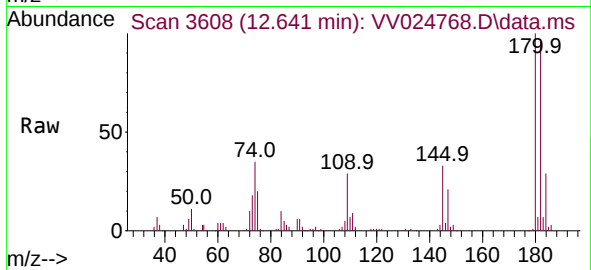
Tgt Ion: 75 Resp: 8363
Ion Ratio Lower Upper
75 100
155 82.0 61.7 92.5
157 96.5 73.5 110.3



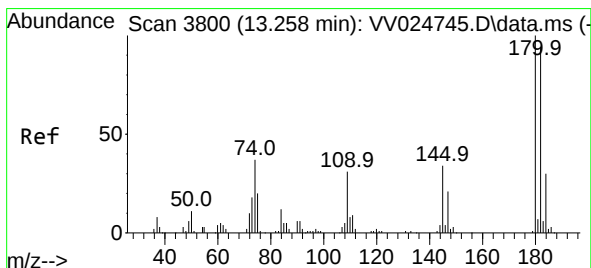
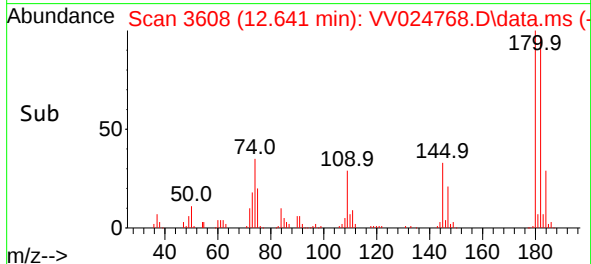
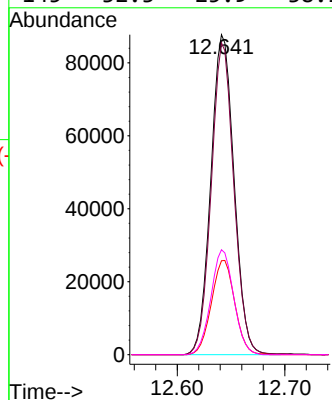


#69
 1,3,5-Trichlorobenzene
 Concen: 5.280 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV024768.D
 Acq: 21 Feb 2022 10:03

Instrument :
 MSVOA_V
 ClientSampleId :

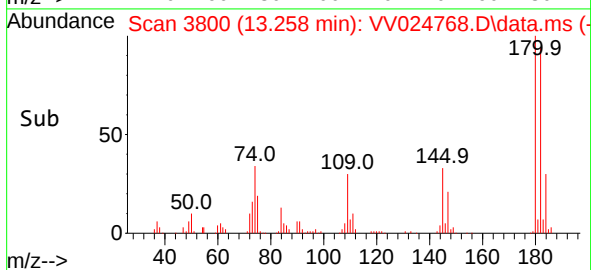
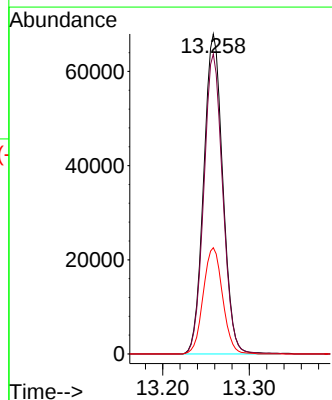
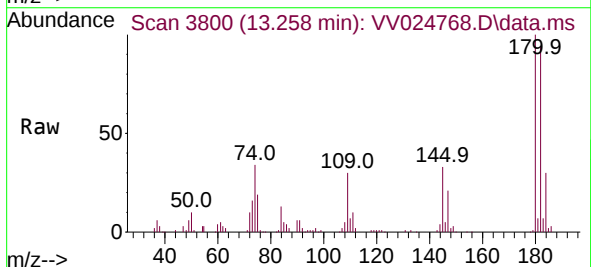


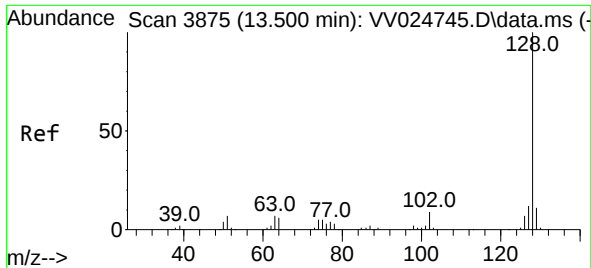
Tgt Ion:180 Resp: 131520
 Ion Ratio Lower Upper
 180 100
 182 94.7 74.6 111.8
 184 29.7 23.8 35.8
 145 32.3 25.9 38.9



#70
 1,2,4-trichlorobenzene
 Concen: 5.293 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024768.D
 Acq: 21 Feb 2022 10:03

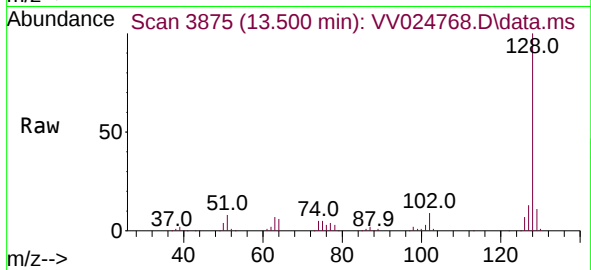
Tgt Ion:180 Resp: 103869
 Ion Ratio Lower Upper
 180 100
 182 93.3 75.0 112.6
 145 33.6 26.9 40.3



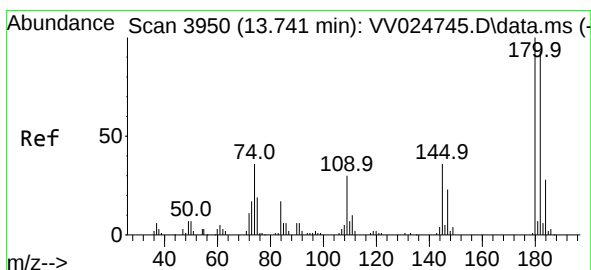
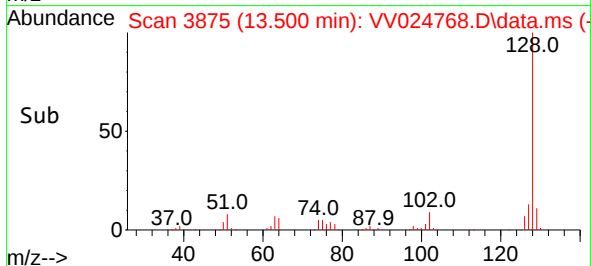
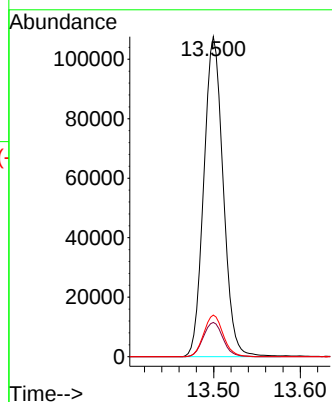


#71
Naphthalene
Concen: 5.011 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 167241
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.157 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024768.D
Acq: 21 Feb 2022 10:03

Tgt Ion:180 Resp: 84691
Ion Ratio Lower Upper
180 100
182 93.6 75.6 113.4
145 34.9 28.5 42.7

