

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029186.D
 Acq On : 19 Nov 2022 21:20
 Operator : SY/MD
 Sample : N5680-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB9MSD

Quant Time: Nov 20 01:02:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:53:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	321620	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	303748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	159615	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	105538	5.383	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.600%
7) Chloroethane-d5	1.568	69	81902	4.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.108	63	175195	4.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	3.895	46	292631	89.157	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	178.320%#
24) Chloroform-d	4.346	84	195693	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.030	65	95710	5.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.047	84	395363	4.361	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.066	67	119256	4.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.310	98	358259	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.619	79	43865	5.312	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.200%
46) 2-Hexanone-d5	8.085	63	311715	88.442	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	176.880%#
56) 1,1,2,2-Tetrachloroeth...	10.207	84	107367	6.117	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.400%#
66) 1,2-Dichlorobenzene-d4	11.615	152	141250	4.946	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	119314	4.450	ug/L	100
3) Chloromethane	1.240	50	119518	5.371	ug/L	98
5) Vinyl chloride	1.310	62	121989	4.806	ug/L	93
6) Bromomethane	1.523	94	64561	4.256	ug/L	99
8) Chloroethane	1.584	64	82450	5.528	ug/L	96
9) Trichlorofluoromethane	1.754	101	162975	4.762	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	92998	4.800	ug/L	99
12) 1,1-Dichloroethene	2.117	96	96708	4.967	ug/L	98
13) Acetone	2.195	43	132779	62.888	ug/L	86
14) Carbon disulfide	2.294	76	276133	3.994	ug/L	100
15) Methyl Acetate	2.442	43	37717	7.361	ug/L	93
16) Methylene chloride	2.503	84	113853	4.523	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	290056	6.949	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	105650	4.679	ug/L	97
19) 1,1-Dichloroethane	3.185	63	188762	5.113	ug/L	99
21) 2-Butanone	3.979	43	259755	79.464	ug/L	88
22) cis-1,2-Dichloroethene	3.905	96	122295	5.327	ug/L	80
23) Bromochloromethane	4.246	128	55298	5.695	ug/L	95
25) Chloroform	4.371	83	198674	5.134	ug/L	97

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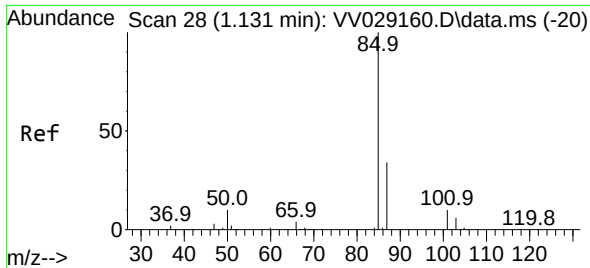
Quant Time: Nov 20 01:02:47 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	118390	5.940	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	167082	4.688	ug/L	98
30) Cyclohexane	4.674	56	166230	4.589	ug/L	97
31) Carbon tetrachloride	4.825	117	138102	4.499	ug/L	99
33) Benzene	5.098	78	452425	4.874	ug/L	100
34) Trichloroethene	5.911	95	108403	4.562	ug/L	98
35) Methylcyclohexane	6.127	83	177678	4.254	ug/L	99
37) 1,2-Dichloropropane	6.169	63	111516	5.210	ug/L	99
38) Bromodichloromethane	6.506	83	133831	4.937	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	150919	5.050	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	862183	93.622	ug/L	98
42) Toluene	7.384	91	482270	4.809	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	123831	5.338	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	88659	6.328	ug/L	98
47) Tetrachloroethene	7.969	164	89310	4.694	ug/L	99
48) 2-Hexanone	8.136	43	624423	96.796	ug/L	99
49) Dibromochloromethane	8.239	129	88588	5.229	ug/L	99
50) 1,2-Dibromoethane	8.349	107	80433	6.179	ug/L	98
51) Chlorobenzene	8.876	112	312420	5.039	ug/L	99
52) Ethylbenzene	9.005	91	503405	4.822	ug/L	99
53) m,p-Xylene	9.133	106	198113	4.772	ug/L	100
54) o-Xylene	9.535	106	199523	5.055	ug/L	99
55) Styrene	9.554	104	318889	4.817	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	114363	7.003	ug/L	99
59) Bromoform	9.725	173	45215	5.196	ug/L	97
60) Isopropylbenzene	9.924	105	513519	4.957	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	78471	7.194	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	425007	4.842	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	433117	4.926	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	243968	5.012	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	247216	5.052	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	244675	5.594	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	13513	6.296	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.635	180	169162	4.504	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	140327	4.940	ug/L	98
71) Naphthalene	13.493	128	279494	7.625	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	138005	5.736	ug/L	99

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

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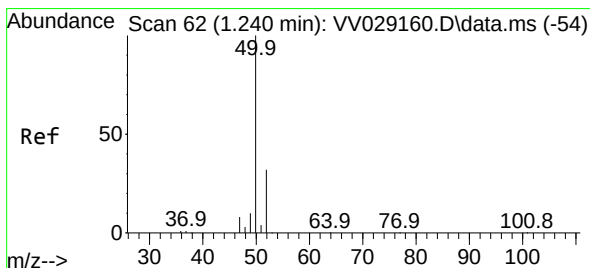
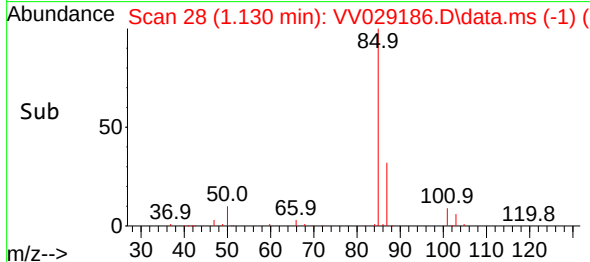
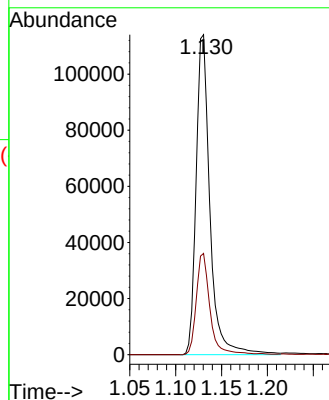
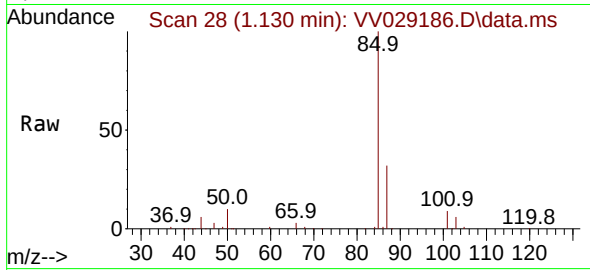




#2
 Dichlorodifluoromethane
 Concen: 4.450 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV029186.D
 Acq: 19 Nov 2022 21:20

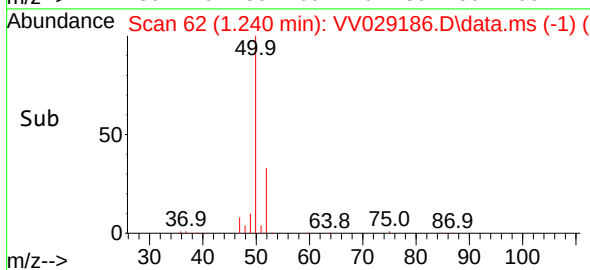
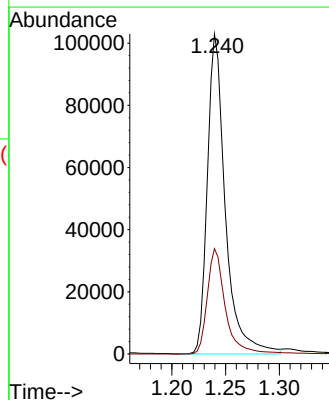
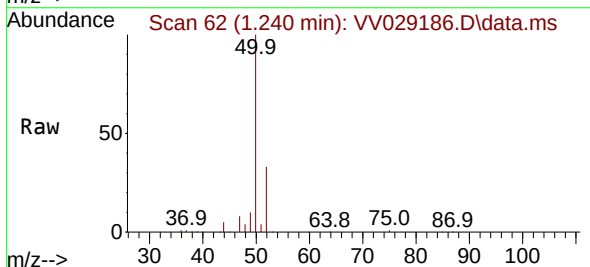
Instrument : MSVOA_V
 ClientSampleId : H0AB9MSD

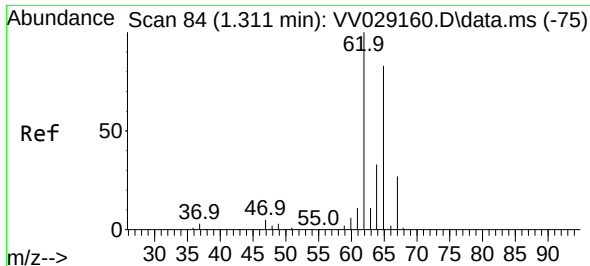
Tgt Ion: 85 Resp: 119314
 Ion Ratio Lower Upper
 85 100
 87 31.2 25.0 37.4



#3
 Chloromethane
 Concen: 5.371 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029186.D
 Acq: 19 Nov 2022 21:20

Tgt Ion: 50 Resp: 119518
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.7 43.9

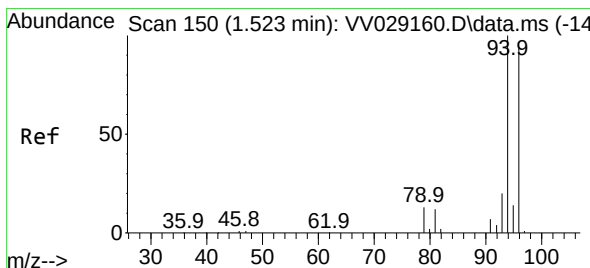
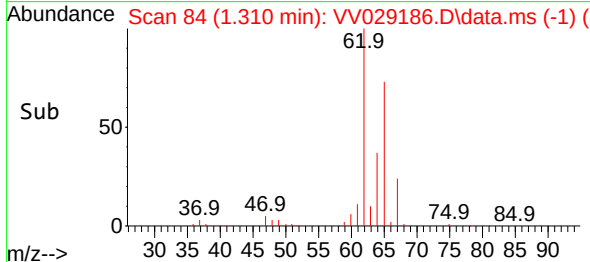
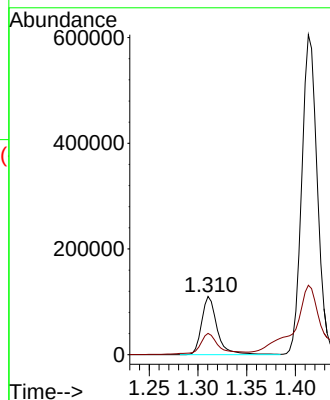
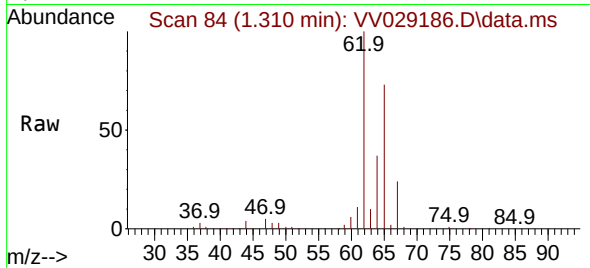




#5
 Vinyl chloride
 Concen: 4.806 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029186.D
 Acq: 19 Nov 2022 21:20

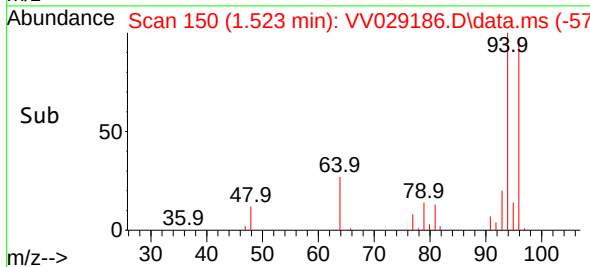
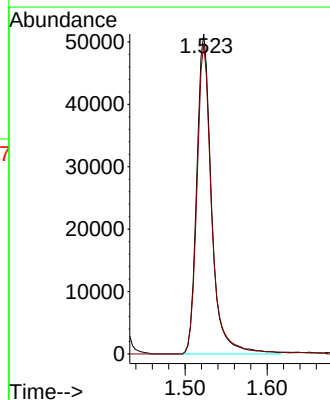
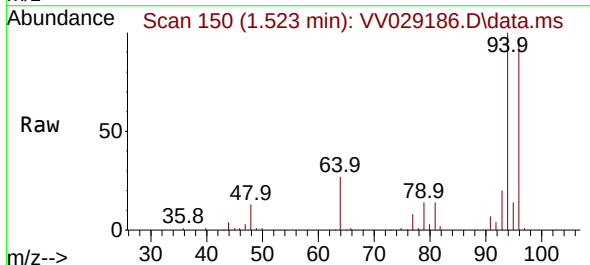
Instrument :
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 ClientSampleId :
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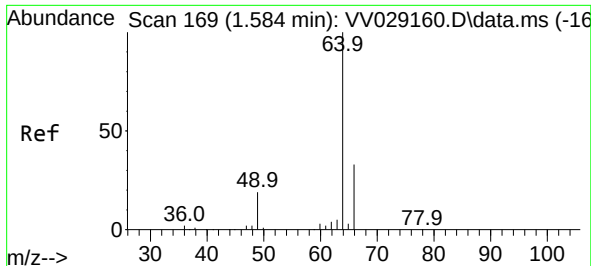
Tgt Ion: 62 Resp: 121989
 Ion Ratio Lower Upper
 62 100
 64 36.5 22.8 42.4



#6
 Bromomethane
 Concen: 4.256 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV029186.D
 Acq: 19 Nov 2022 21:20

Tgt Ion: 94 Resp: 64561
 Ion Ratio Lower Upper
 94 100
 96 96.9 68.5 127.3

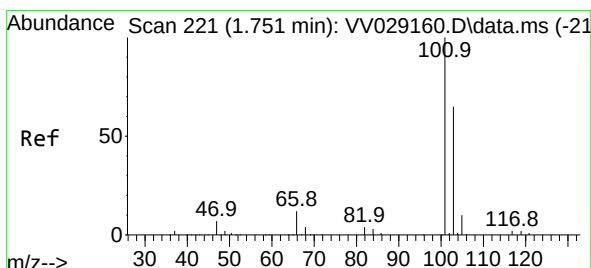
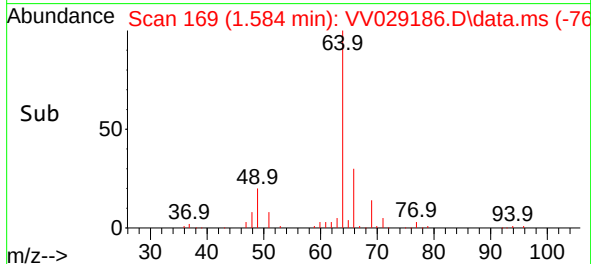
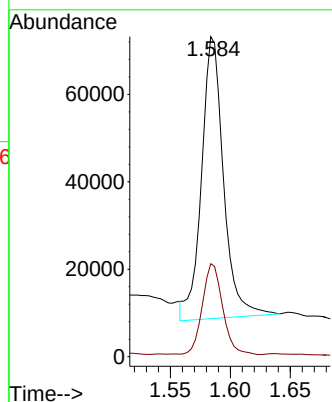
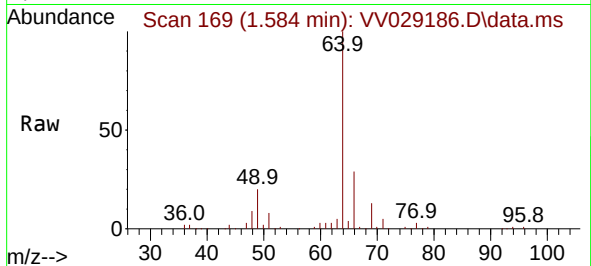




#8
Chloroethane
Concen: 5.528 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

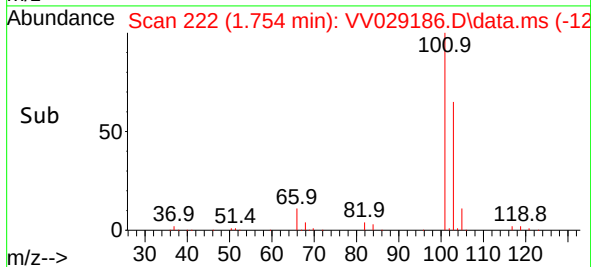
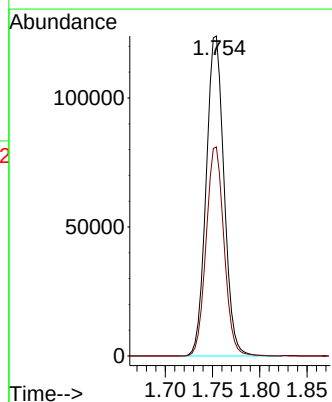
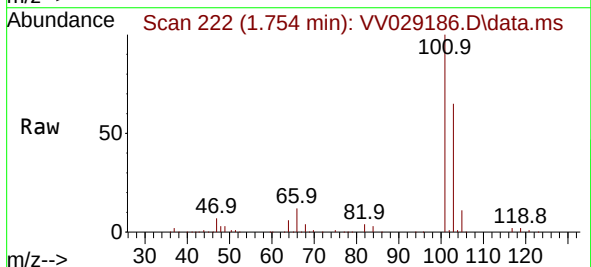
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MSVOA_V
ClientSampleId :
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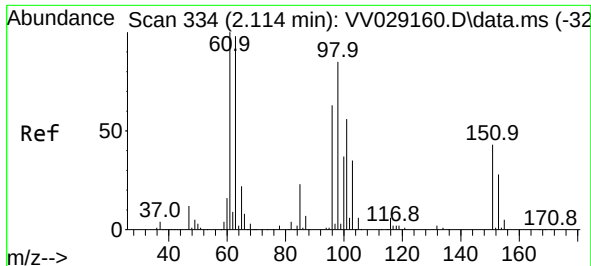
Tgt Ion: 64 Resp: 82450
Ion Ratio Lower Upper
64 100
66 29.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.762 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

Tgt Ion:101 Resp: 162975
Ion Ratio Lower Upper
101 100
103 65.4 51.3 76.9





#10

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

Concen: 4.800 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

H0AB9MSD

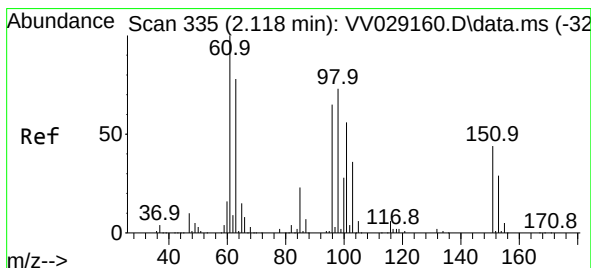
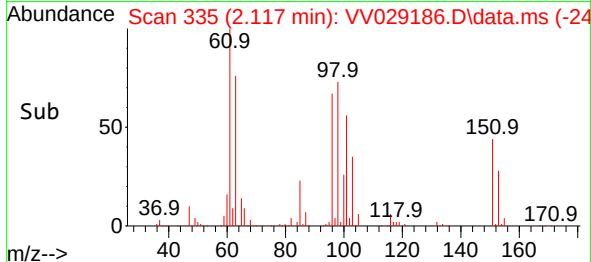
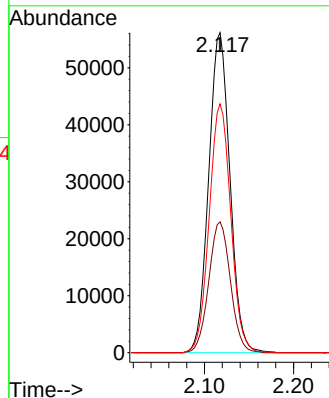
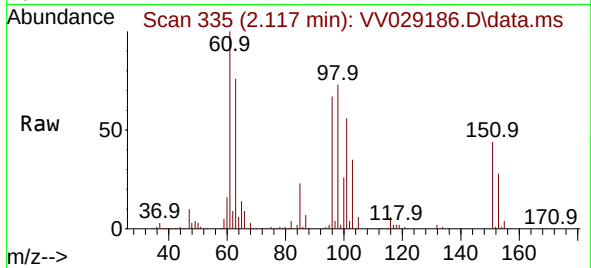
Tgt Ion:101 Resp: 92998

Ion Ratio Lower Upper

101 100

85 41.6 32.9 49.3

151 79.0 62.5 93.7



#12

1,1-Dichloroethene

Concen: 4.967 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

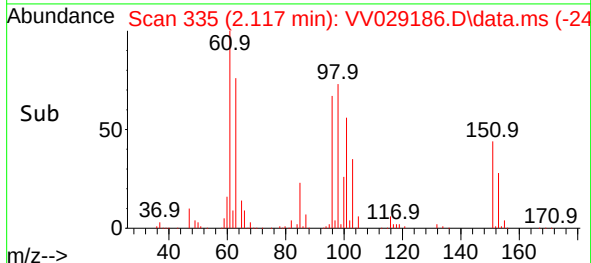
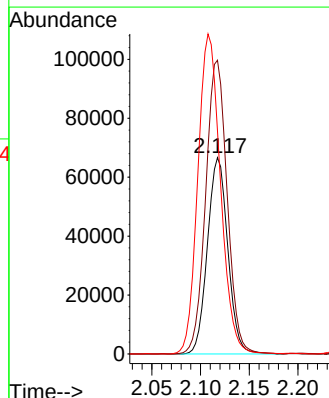
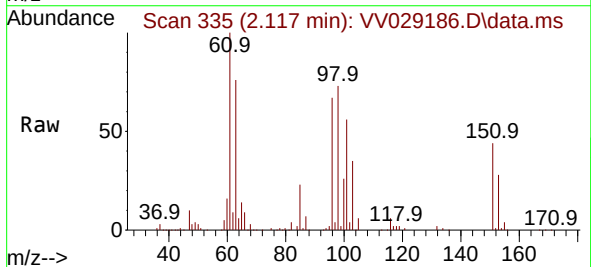
Tgt Ion: 96 Resp: 96708

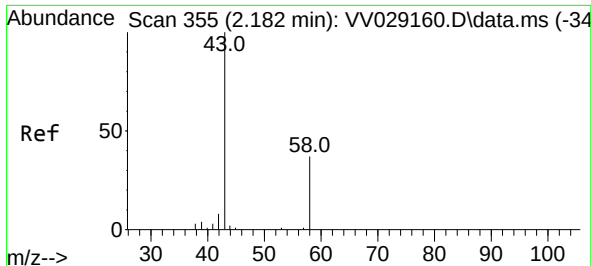
Ion Ratio Lower Upper

96 100

61 149.6 104.2 193.4

63 113.6 75.9 140.9





#13

Acetone

Concen: 62.888 ug/L

RT: 2.195 min Scan# 31

Delta R.T. 0.013 min

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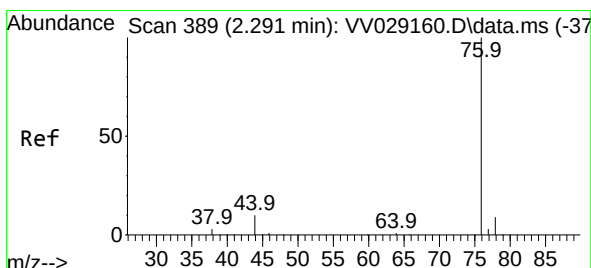
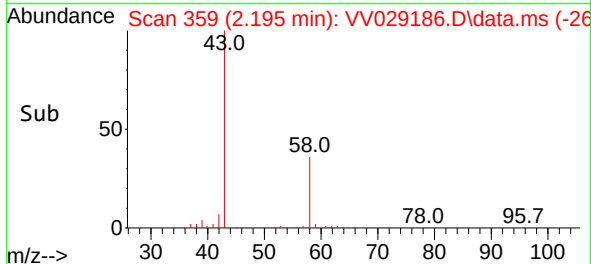
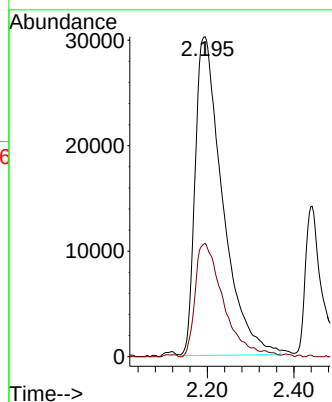
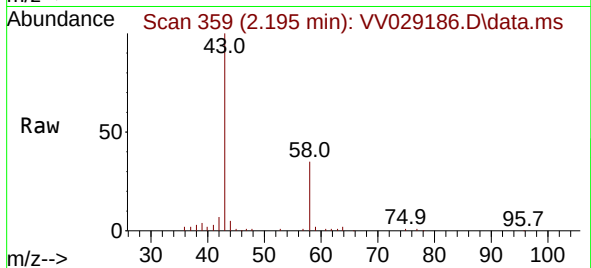
H0AB9MSD

Tgt Ion: 43 Resp: 132779

Ion Ratio Lower Upper

43 100

58 35.8 0.0 56.6



#14

Carbon disulfide

Concen: 3.994 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV029186.D

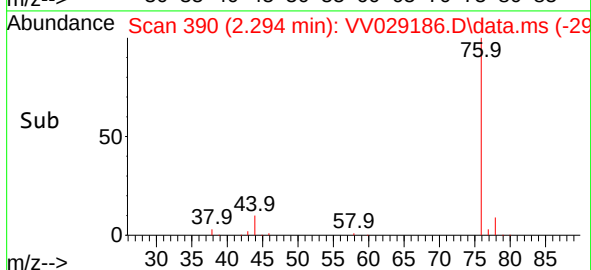
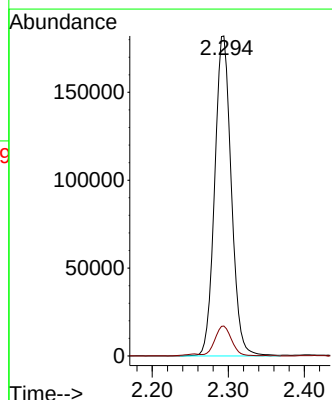
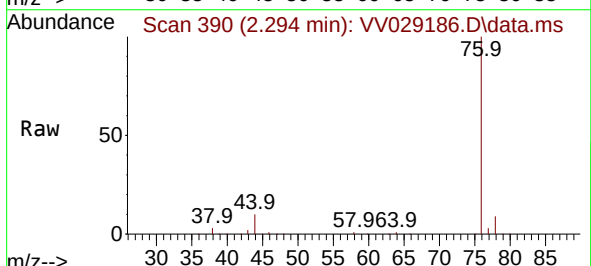
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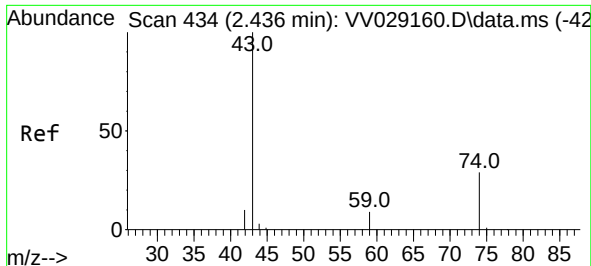
Tgt Ion: 76 Resp: 276133

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

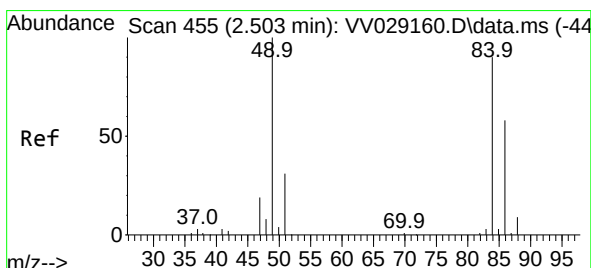
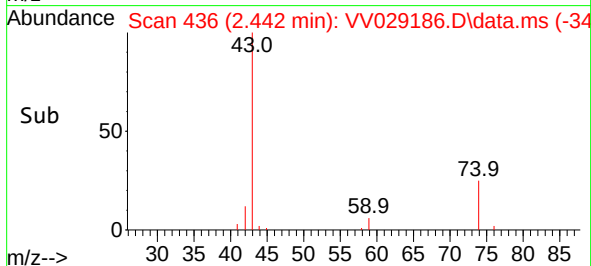
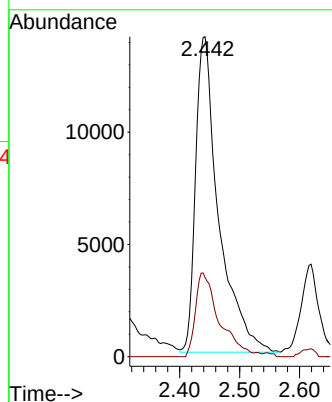
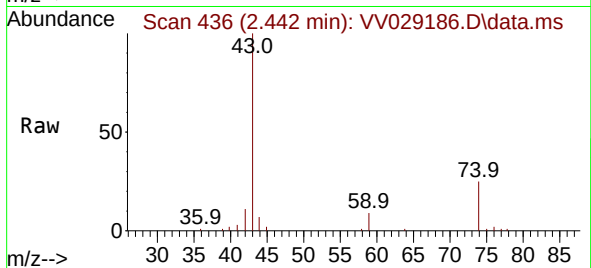




#15
Methyl Acetate
Concen: 7.361 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

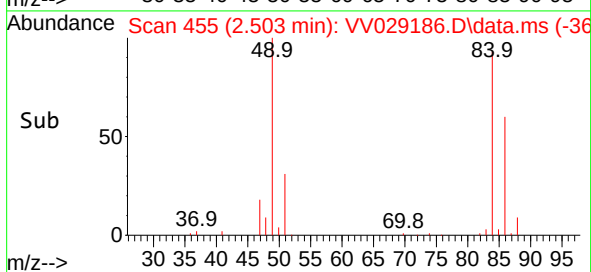
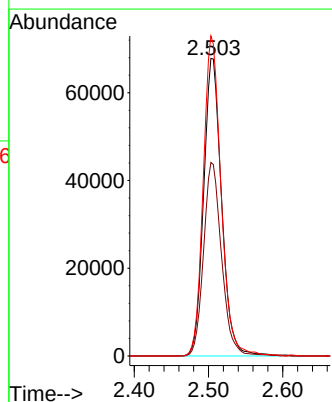
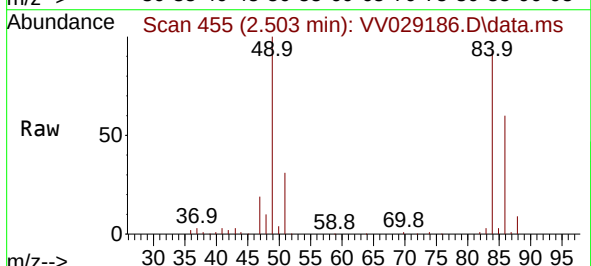
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MSD

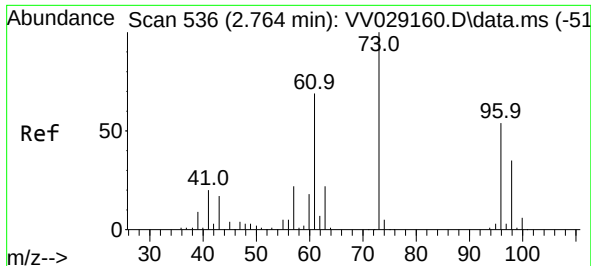
Tgt Ion: 43 Resp: 37717
Ion Ratio Lower Upper
43 100
74 27.0 24.6 37.0



#16
Methylene chloride
Concen: 4.523 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

Tgt Ion: 84 Resp: 113853
Ion Ratio Lower Upper
84 100
86 65.0 45.8 85.0
49 107.5 75.5 140.1

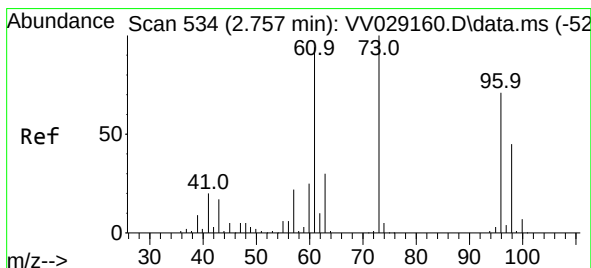
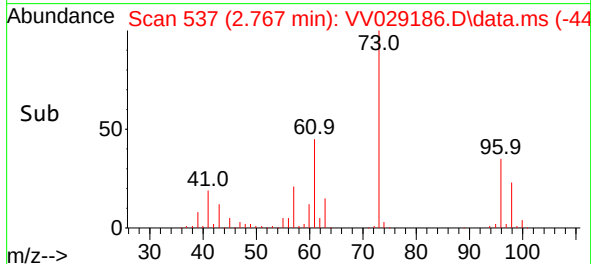
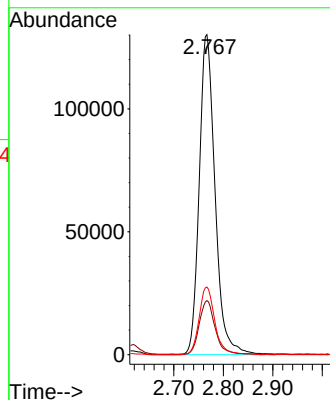
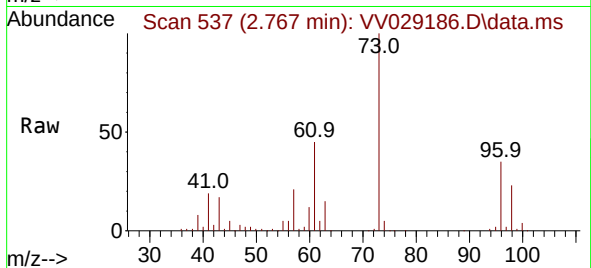




#17
Methyl tert-butyl Ether
Concen: 6.949 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

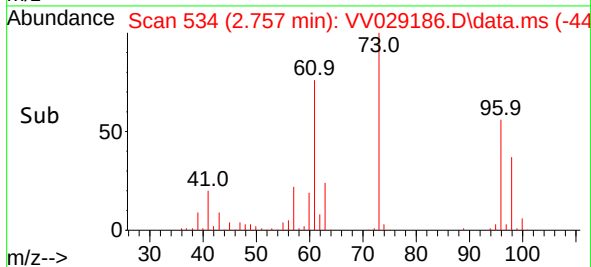
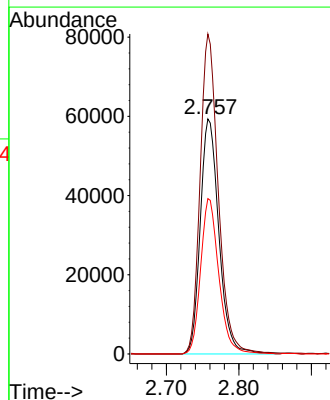
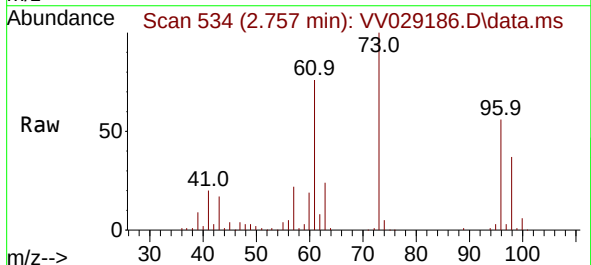
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MSD

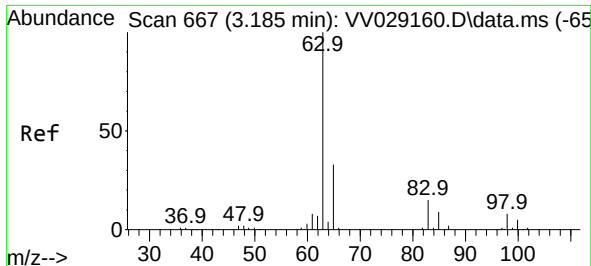
Tgt Ion: 73 Resp: 290056
Ion Ratio Lower Upper
73 100
43 16.6 13.0 19.4
57 21.0 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 4.679 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

Tgt Ion: 96 Resp: 105650
Ion Ratio Lower Upper
96 100
61 136.2 91.8 170.6
98 66.1 46.4 86.2





#19

1,1-Dichloroethane

Concen: 5.113 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

H0AB9MSD

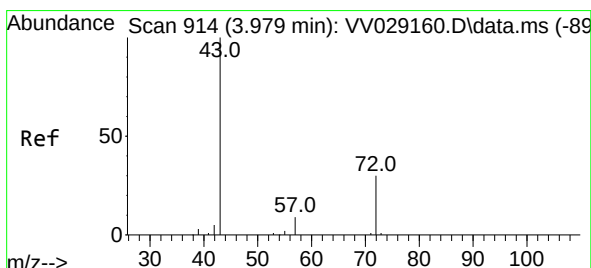
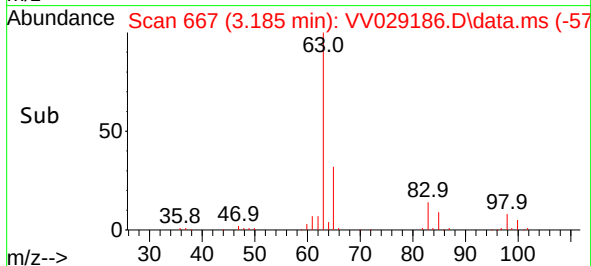
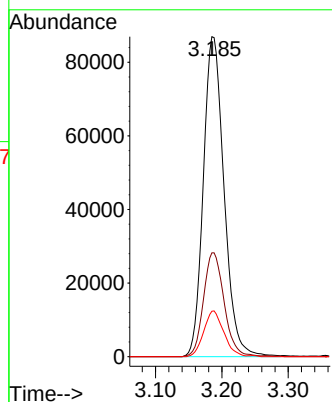
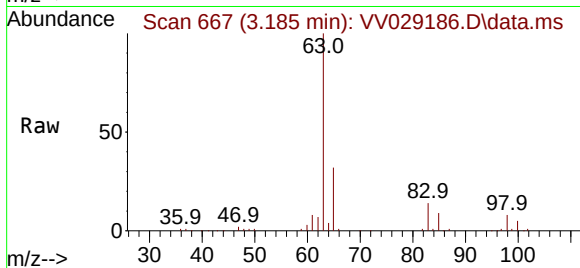
Tgt Ion: 63 Resp: 188762

Ion Ratio Lower Upper

63 100

65 32.4 23.0 42.6

83 14.2 9.4 17.6



#21

2-Butanone

Concen: 79.464 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.000 min

Lab File: VV029186.D

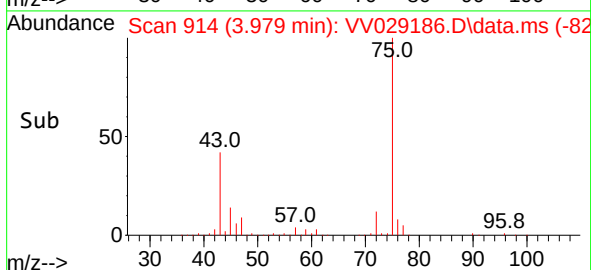
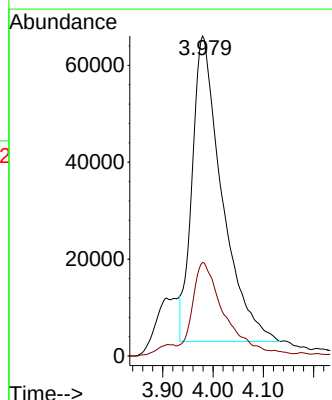
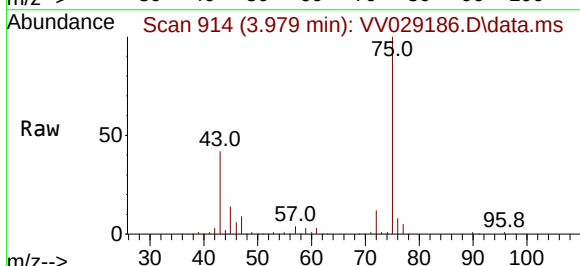
Acq: 19 Nov 2022 21:20

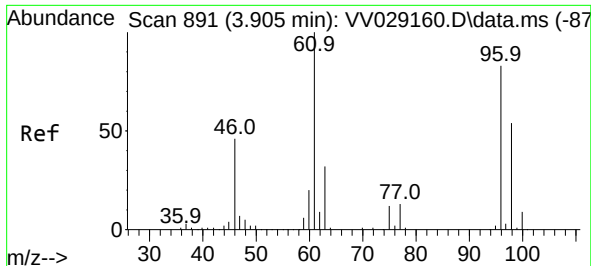
Tgt Ion: 43 Resp: 259755

Ion Ratio Lower Upper

43 100

72 29.7 11.9 35.9





#22

cis-1,2-Dichloroethene

Concen: 5.327 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

H0AB9MSD

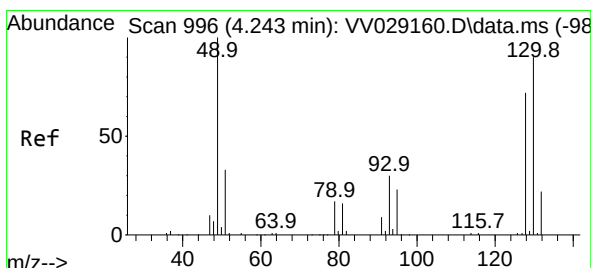
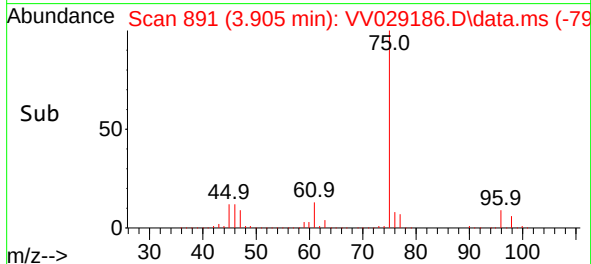
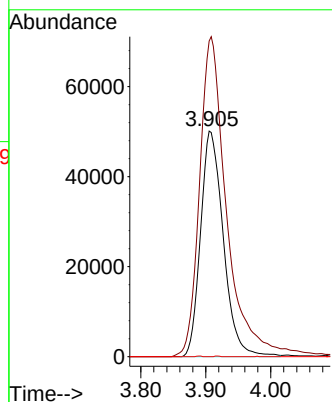
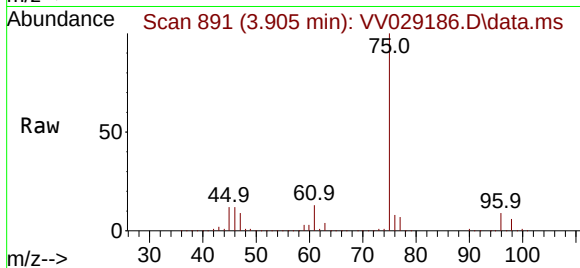
Tgt Ion: 96 Resp: 122295

Ion Ratio Lower Upper

96 100

61 139.9 82.3 152.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.695 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.003 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

Tgt Ion: 128 Resp: 55298

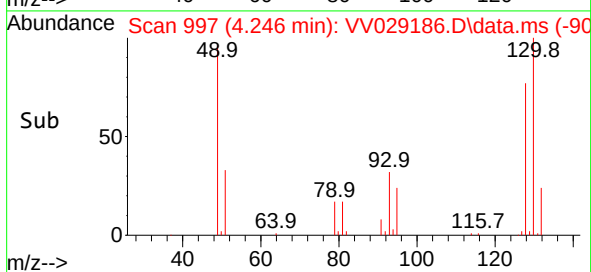
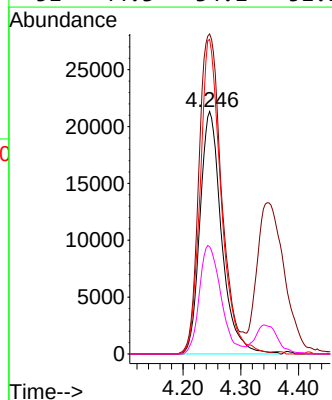
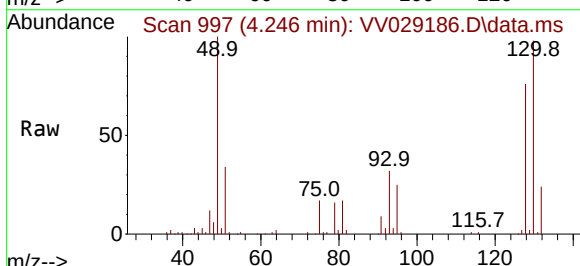
Ion Ratio Lower Upper

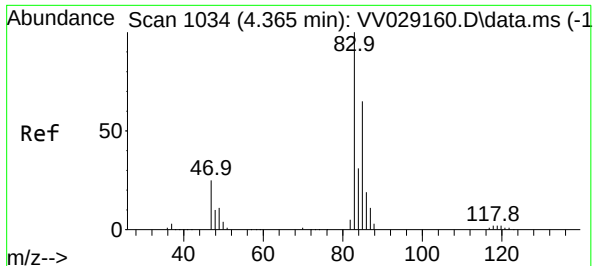
128 100

49 132.0 89.5 166.1

130 129.8 84.4 156.8

51 44.3 34.1 51.1





#25

Chloroform

Concen: 5.134 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

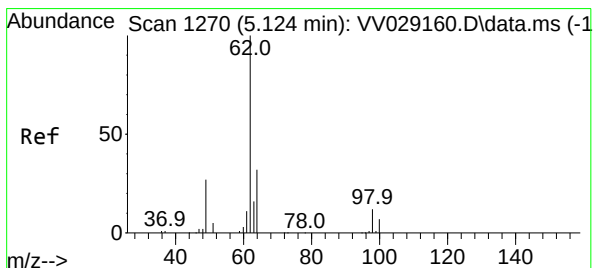
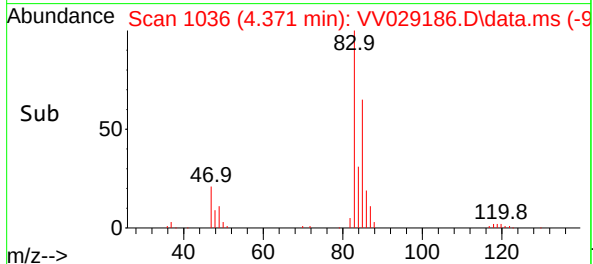
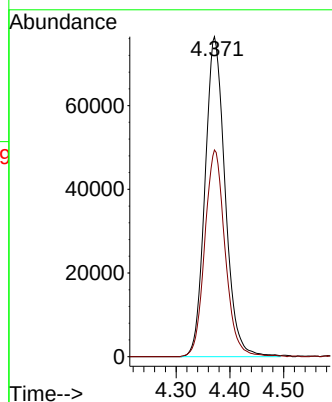
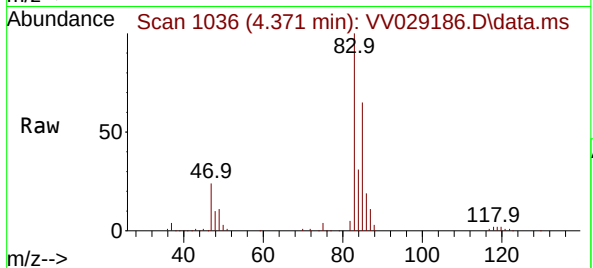
H0AB9MSD

Tgt Ion: 83 Resp: 198674

Ion Ratio Lower Upper

83 100

85 64.6 43.7 81.1



#27

1,2-Dichloroethane

Concen: 5.940 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV029186.D

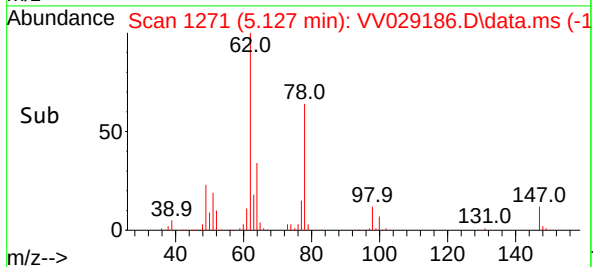
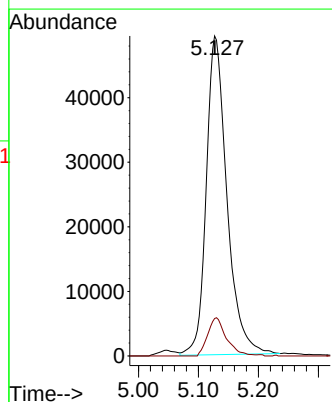
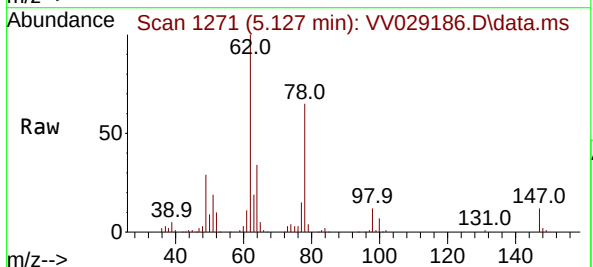
Acq: 19 Nov 2022 21:20

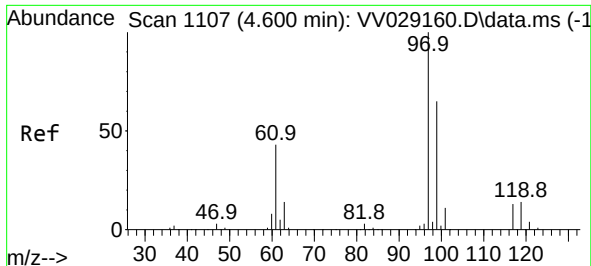
Tgt Ion: 62 Resp: 118390

Ion Ratio Lower Upper

62 100

98 11.7 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 4.688 ug/L

RT: 4.606 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

H0AB9MSD

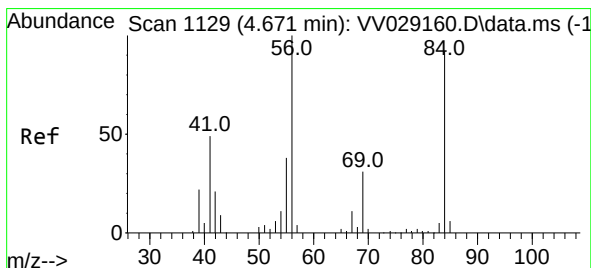
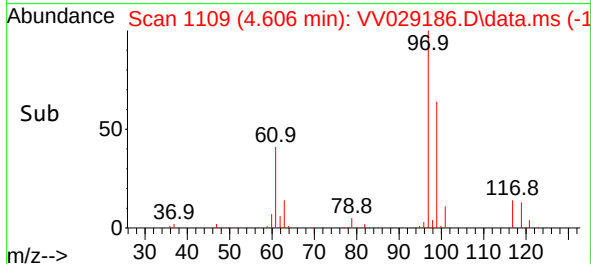
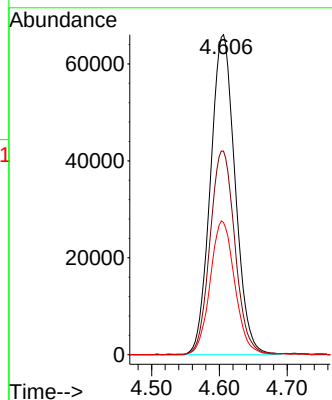
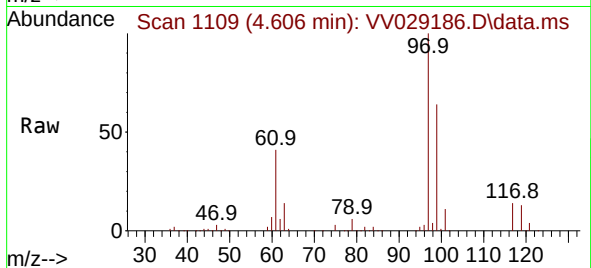
Tgt Ion: 97 Resp: 167082

Ion Ratio Lower Upper

97 100

99 64.4 52.7 79.1

61 41.1 33.8 50.6



#30

Cyclohexane

Concen: 4.589 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

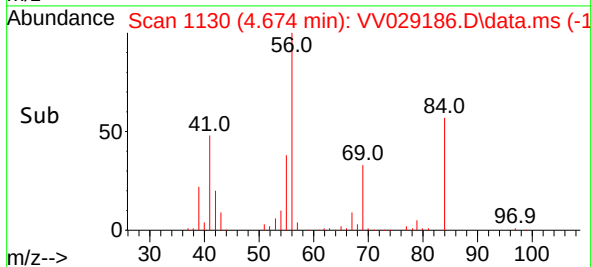
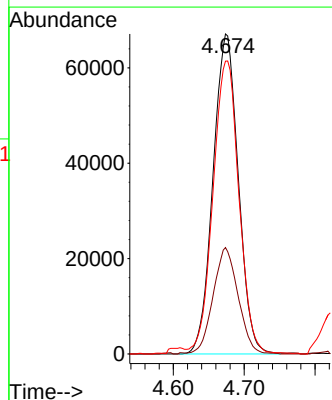
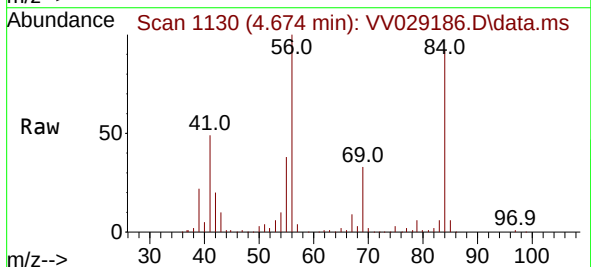
Tgt Ion: 56 Resp: 166230

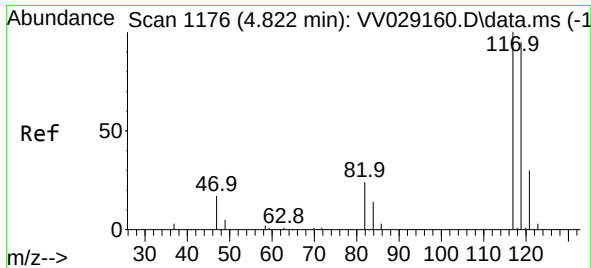
Ion Ratio Lower Upper

56 100

69 32.9 26.1 39.1

84 93.5 77.9 116.9

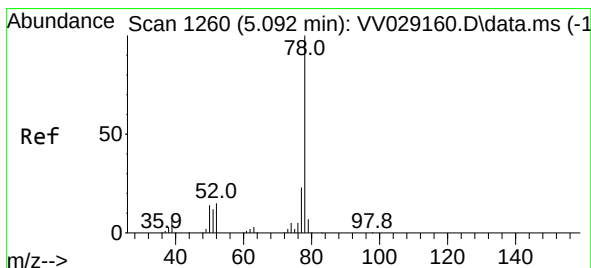
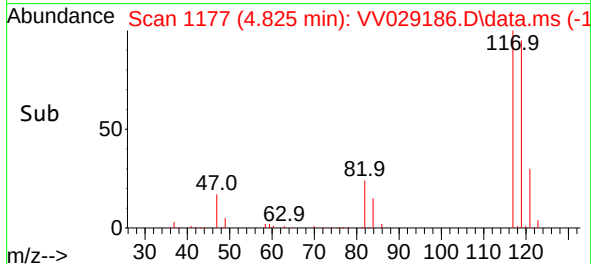
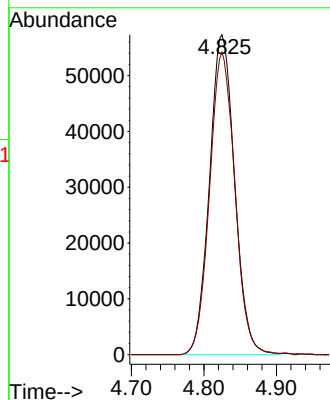
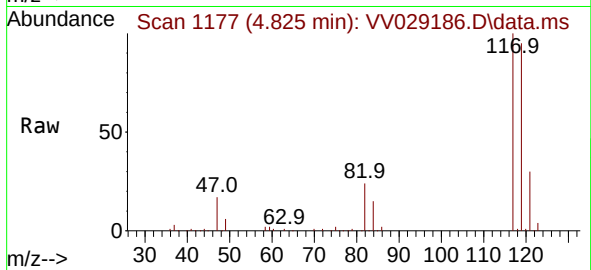




#31
Carbon tetrachloride
Concen: 4.499 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

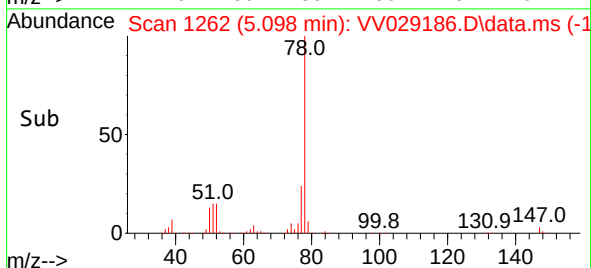
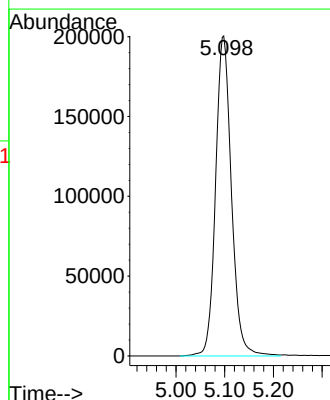
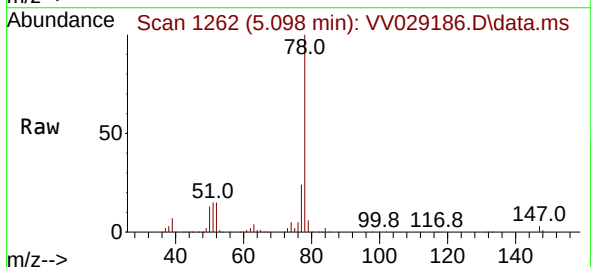
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MSD

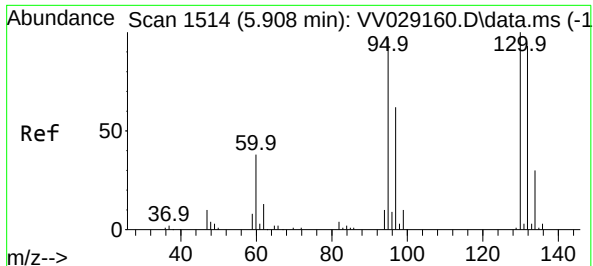
Tgt Ion:117 Resp: 138102
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.6



#33
Benzene
Concen: 4.874 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

Tgt Ion: 78 Resp: 452425

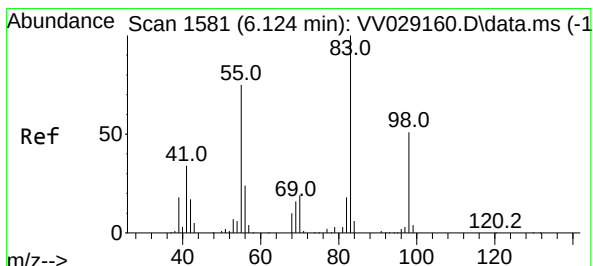
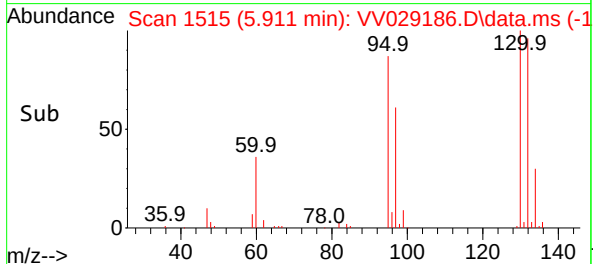
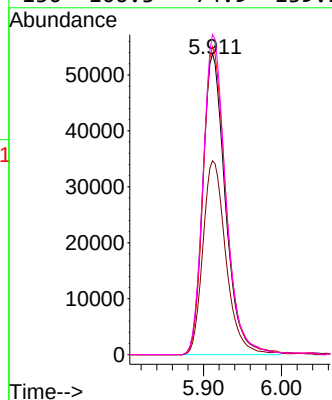
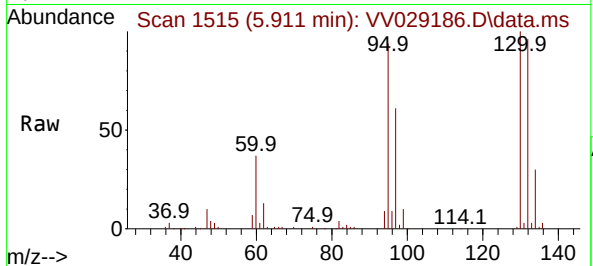




#34
Trichloroethene
Concen: 4.562 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

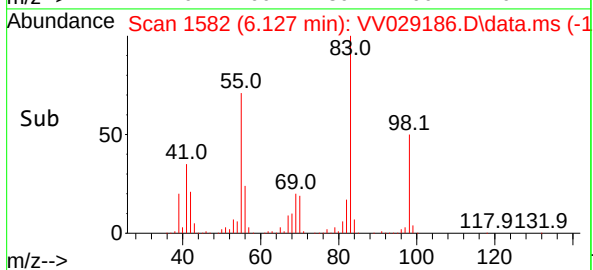
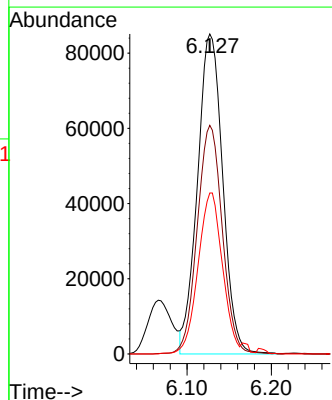
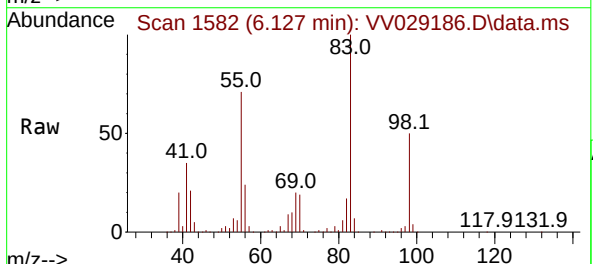
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MSD

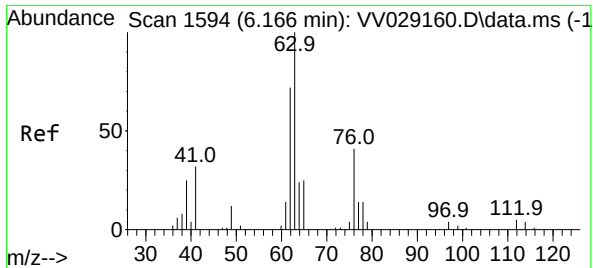
Tgt Ion: 95 Resp: 108403
Ion Ratio Lower Upper
95 100
97 64.4 45.6 84.8
132 102.3 69.1 128.3
130 106.3 74.9 139.1



#35
Methylcyclohexane
Concen: 4.254 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

Tgt Ion: 83 Resp: 177678
Ion Ratio Lower Upper
83 100
55 71.0 55.8 83.6
98 48.5 38.2 57.2





#37

1,2-Dichloropropane

Concen: 5.210 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

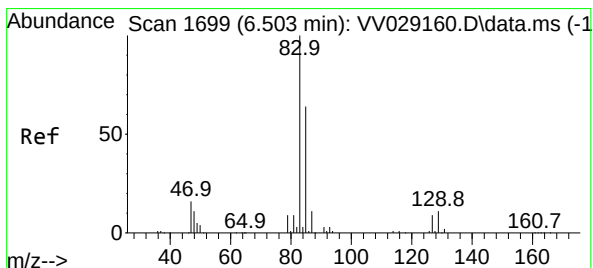
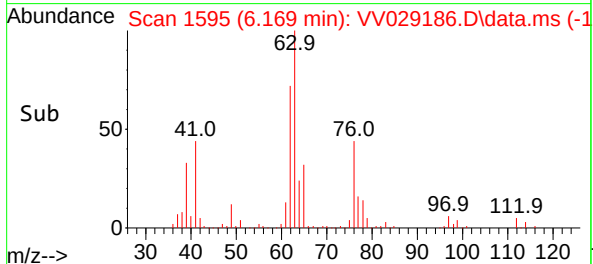
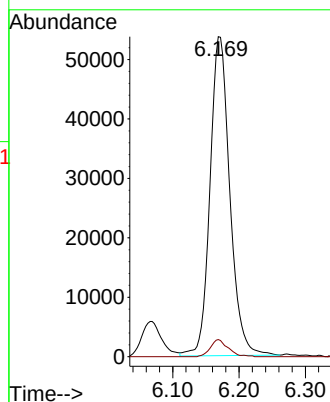
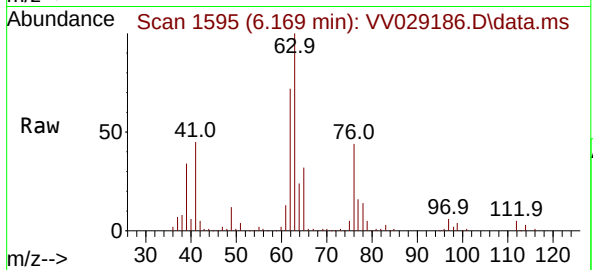
H0AB9MSD

Tgt Ion: 63 Resp: 111516

Ion Ratio Lower Upper

63 100

112 4.8 4.0 6.0



#38

Bromodichloromethane

Concen: 4.937 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

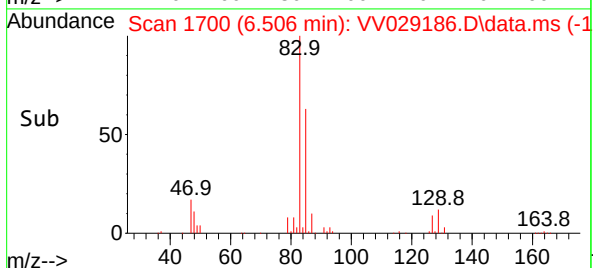
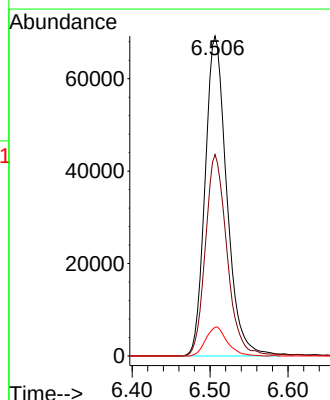
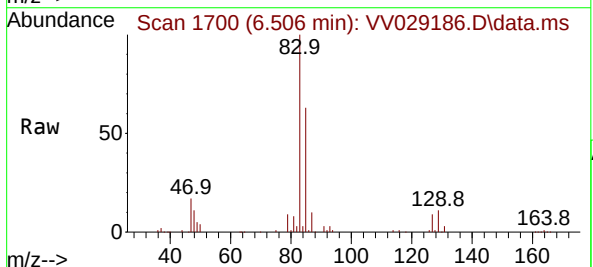
Tgt Ion: 83 Resp: 133831

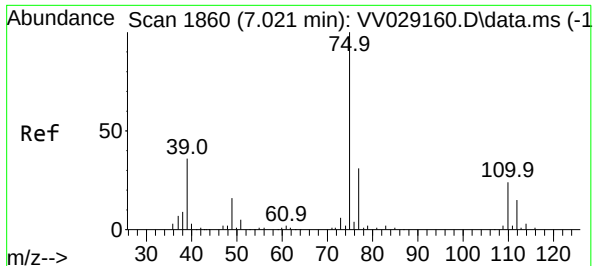
Ion Ratio Lower Upper

83 100

85 62.9 46.1 85.5

127 9.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 5.050 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

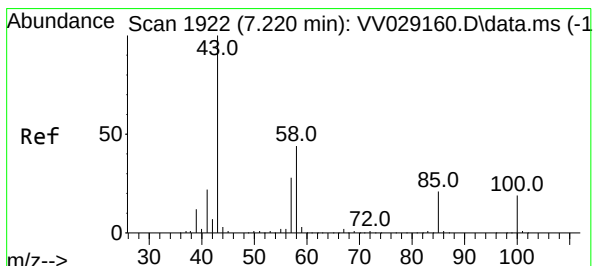
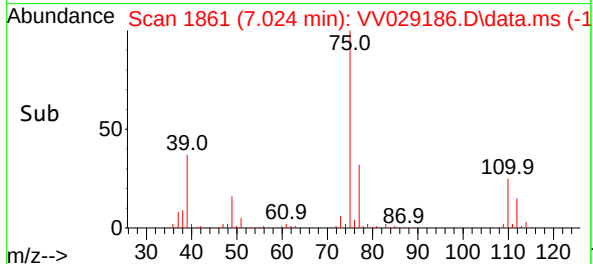
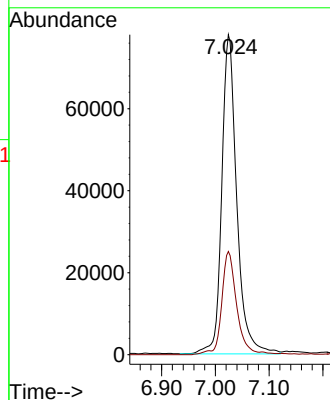
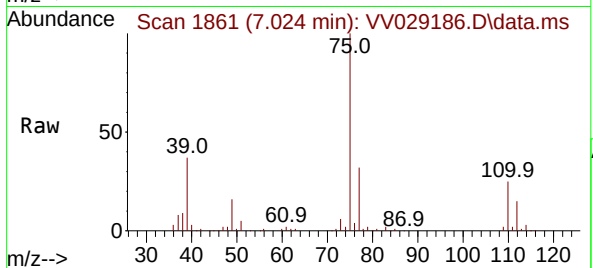
H0AB9MSD

Tgt Ion: 75 Resp: 150919

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 93.622 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

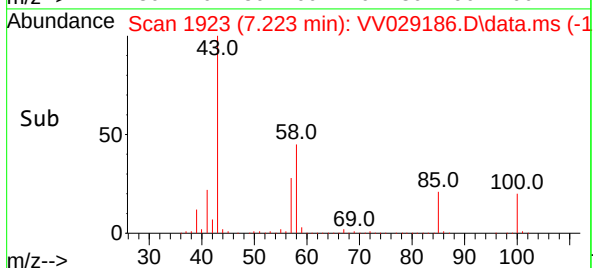
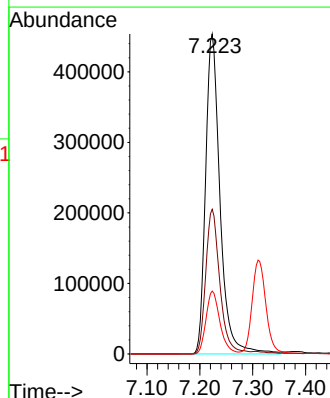
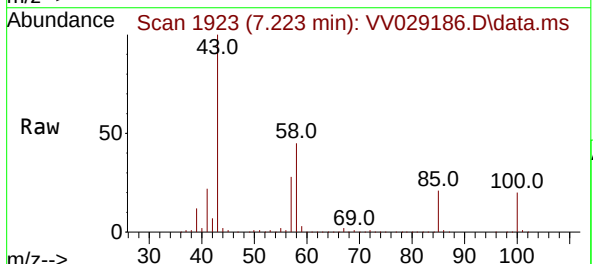
Tgt Ion: 43 Resp: 862183

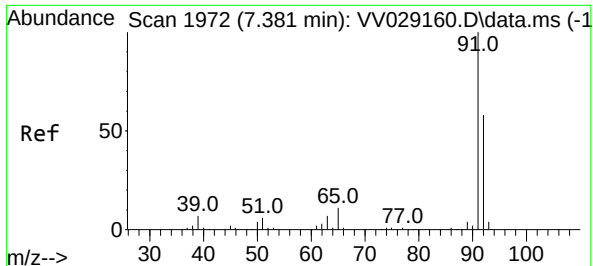
Ion Ratio Lower Upper

43 100

58 44.1 36.6 55.0

100 18.9 14.5 21.7





#42

Toluene

Concen: 4.809 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

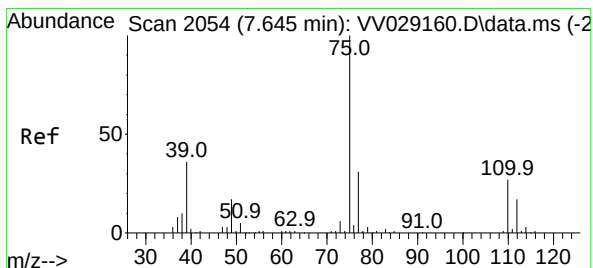
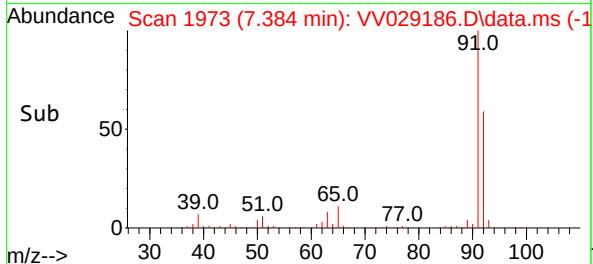
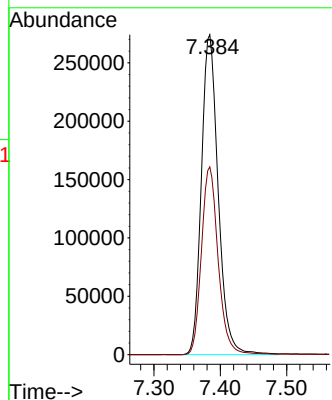
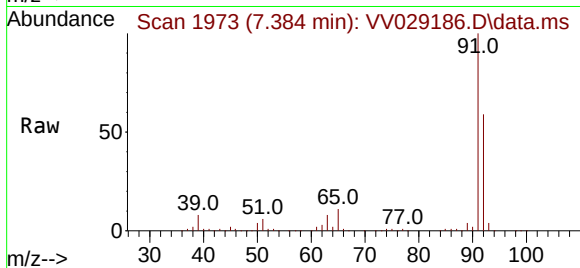
H0AB9MSD

Tgt Ion: 91 Resp: 482270

Ion Ratio Lower Upper

91 100

92 58.7 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.338 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV029186.D

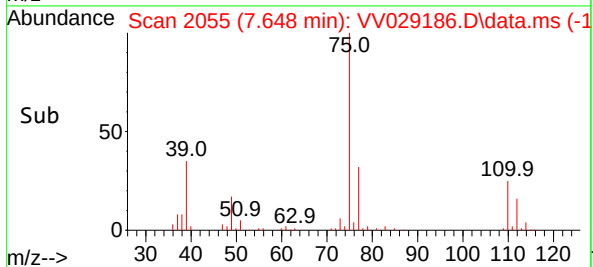
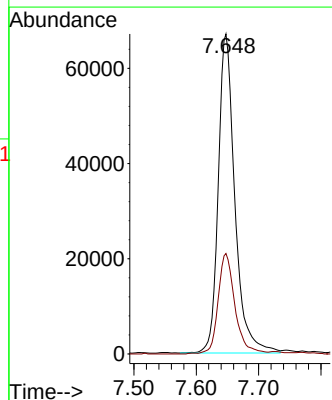
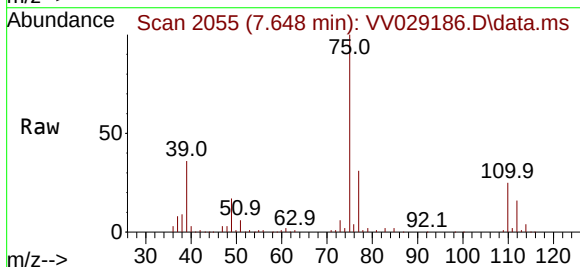
Acq: 19 Nov 2022 21:20

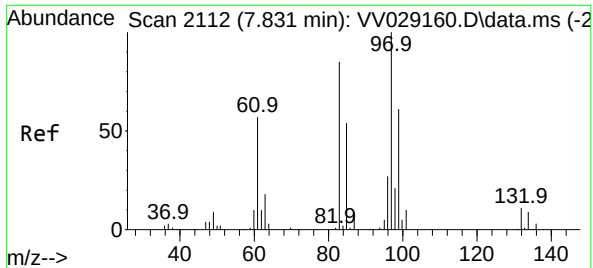
Tgt Ion: 75 Resp: 123831

Ion Ratio Lower Upper

75 100

77 31.4 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 6.328 ug/L

RT: 7.834 min Scan# 2112

Delta R.T. 0.003 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

H0AB9MSD

Tgt Ion: 97 Resp: 88659

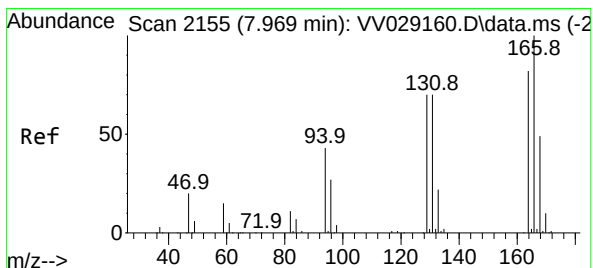
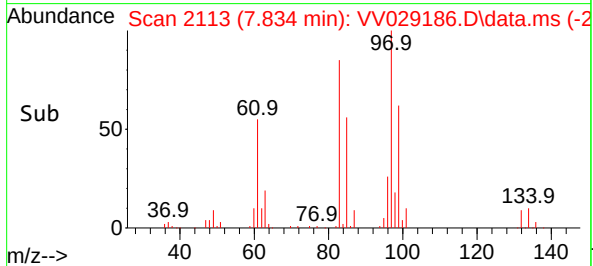
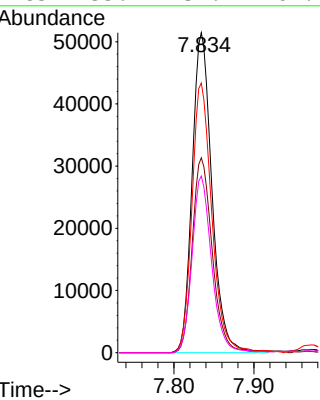
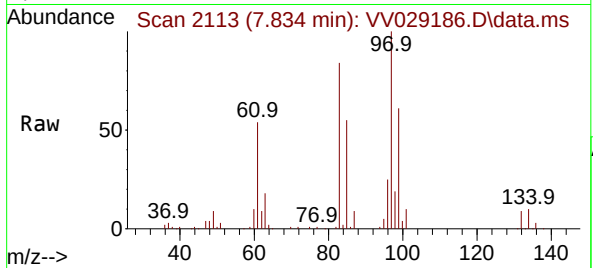
Ion Ratio Lower Upper

97 100

99 60.9 41.5 77.1

83 84.2 60.0 111.4

85 55.2 37.4 69.4



#47

Tetrachloroethene

Concen: 4.694 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

Tgt Ion:164 Resp: 89310

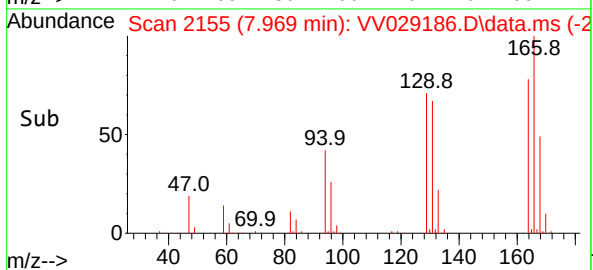
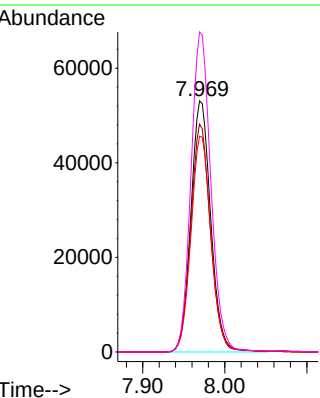
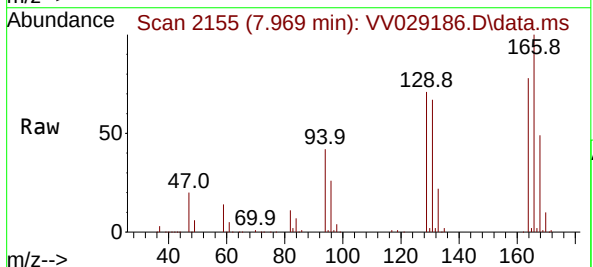
Ion Ratio Lower Upper

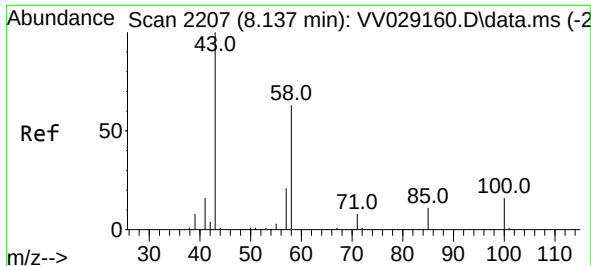
164 100

129 90.9 63.9 118.7

131 86.0 61.8 114.8

166 127.5 90.2 167.4

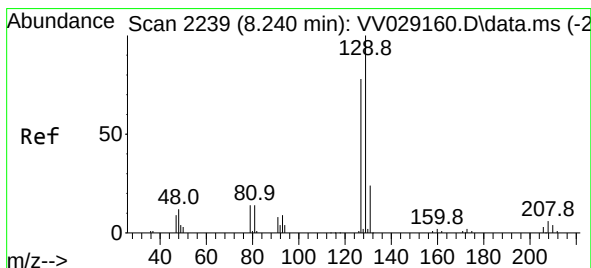
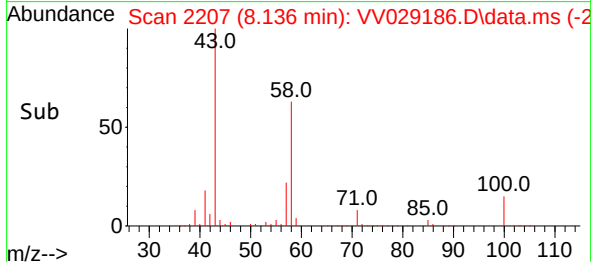
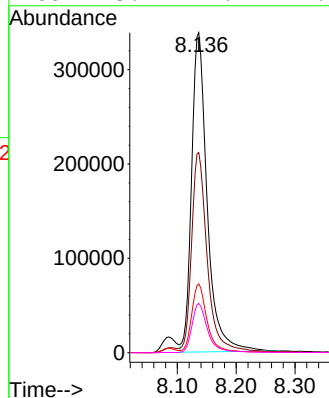
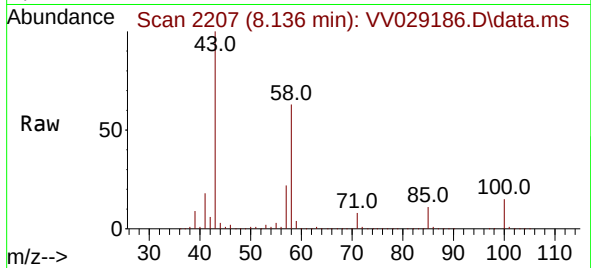




#48
2-Hexanone
Concen: 96.796 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

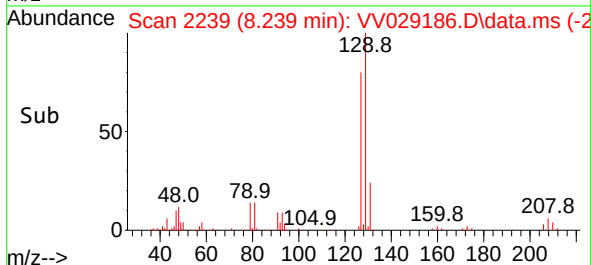
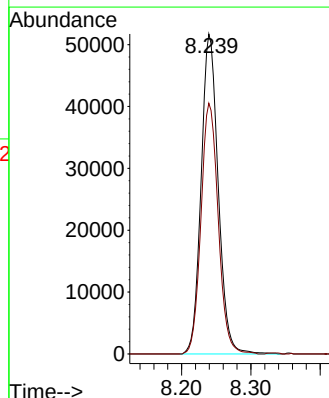
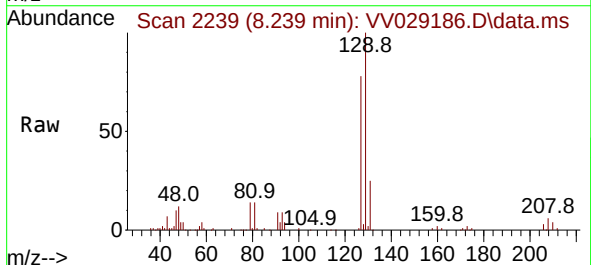
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MSD

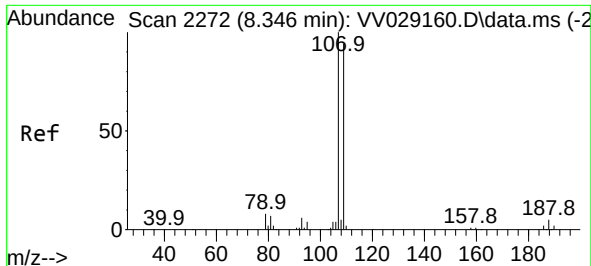
Tgt Ion: 43	Resp: 624423
Ion Ratio	Lower Upper
43 100	
58 62.3	50.2 75.4
57 20.8	17.8 26.8
100 15.4	12.9 19.3



#49
Dibromochloromethane
Concen: 5.229 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

Tgt Ion:129	Resp: 88588
Ion Ratio	Lower Upper
129 100	
127 78.3	54.5 101.1





#50

1,2-Dibromoethane

Concen: 6.179 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

H0AB9MSD

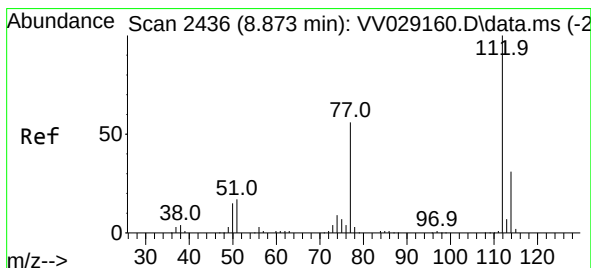
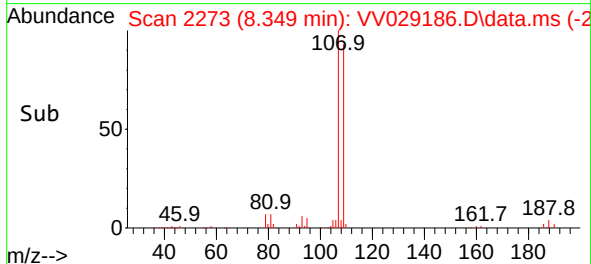
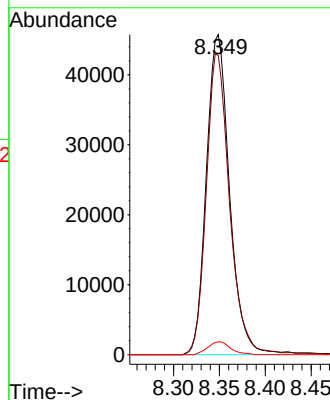
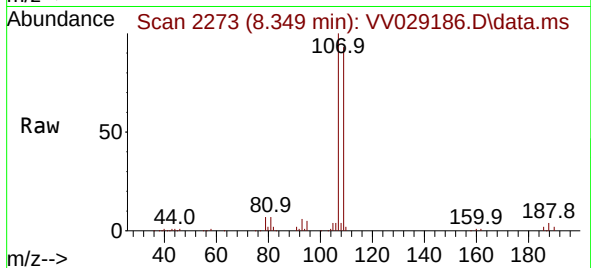
Tgt Ion:107 Resp: 80433

Ion Ratio Lower Upper

107 100

109 93.5 64.4 119.6

188 4.0 2.9 4.3



#51

Chlorobenzene

Concen: 5.039 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.003 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

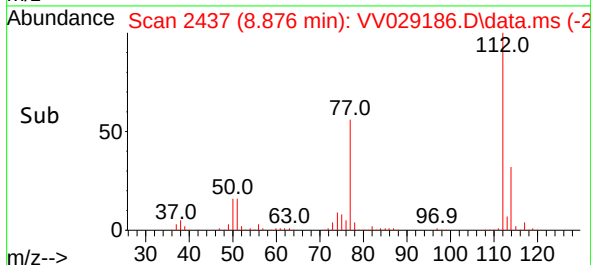
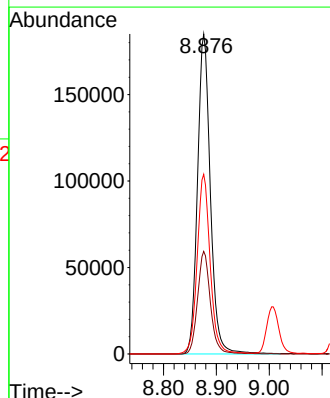
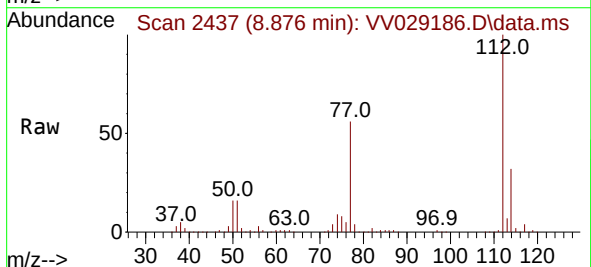
Tgt Ion:112 Resp: 312420

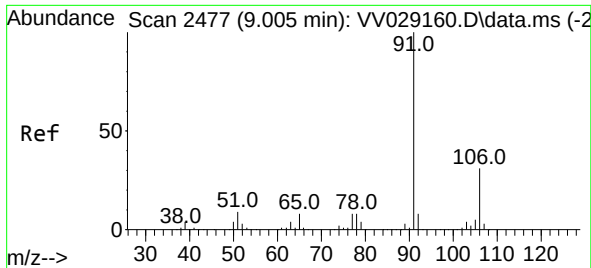
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 56.1 44.4 66.6

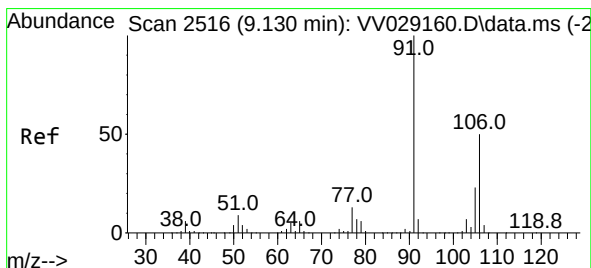
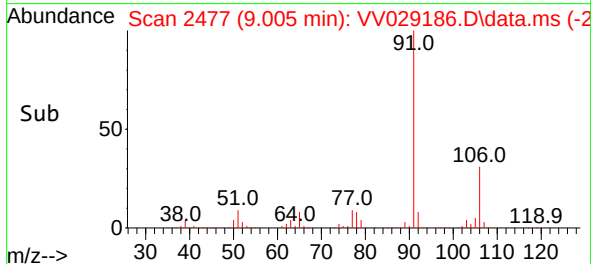
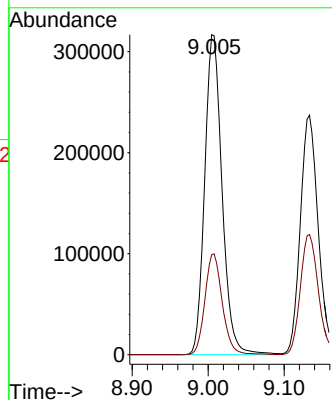
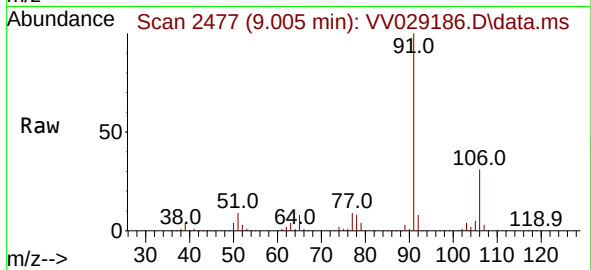




#52
Ethylbenzene
Concen: 4.822 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

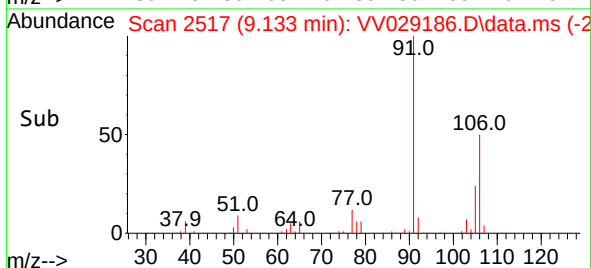
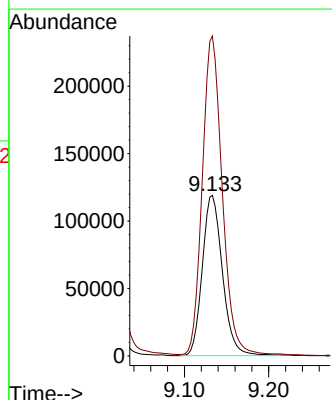
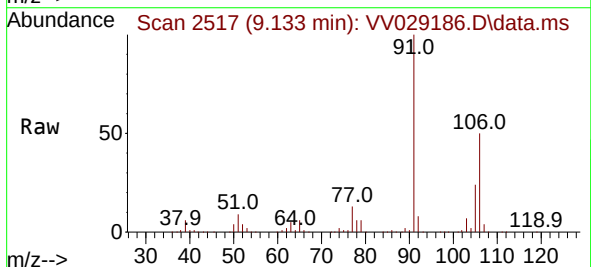
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MSD

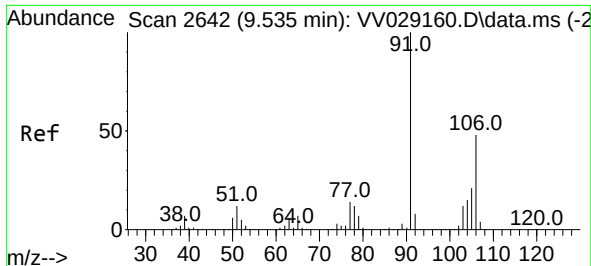
Tgt Ion: 91 Resp: 503405
Ion Ratio Lower Upper
91 100
106 31.3 21.6 40.2



#53
m,p-Xylene
Concen: 4.772 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

Tgt Ion: 106 Resp: 198113
Ion Ratio Lower Upper
106 100
91 199.2 139.1 258.3

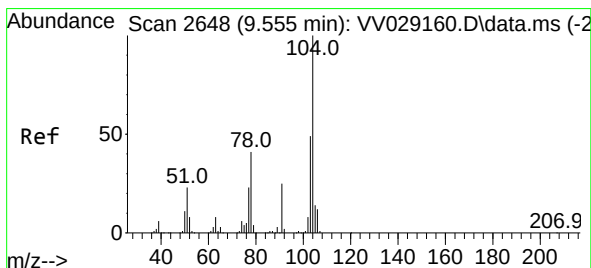
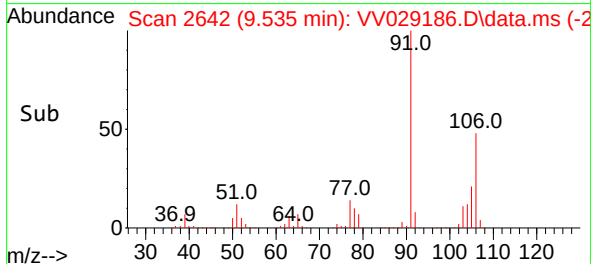
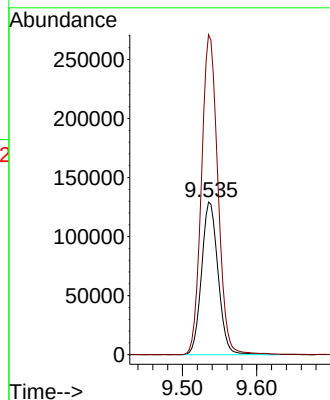
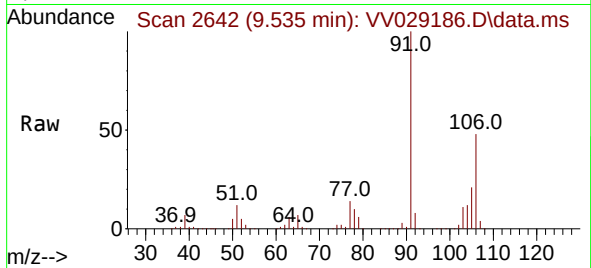




#54
o-Xylene
Concen: 5.055 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

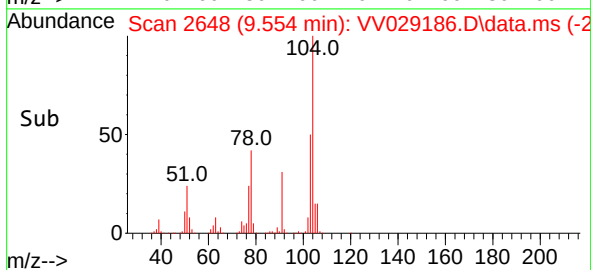
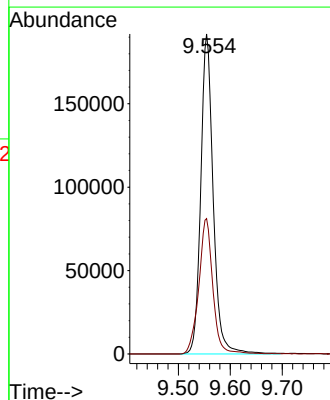
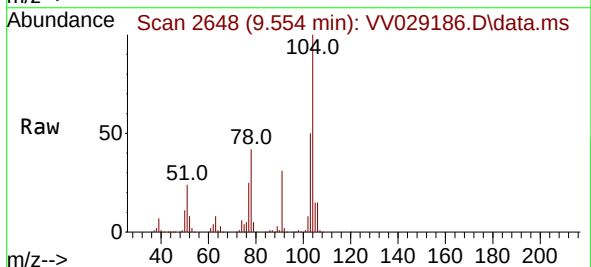
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MSD

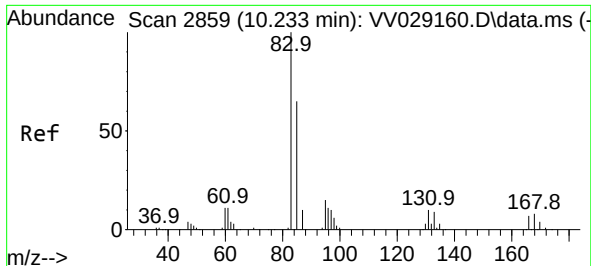
Tgt Ion:106 Resp: 199523
Ion Ratio Lower Upper
106 100
91 209.7 145.7 270.7



#55
Styrene
Concen: 4.817 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

Tgt Ion:104 Resp: 318889
Ion Ratio Lower Upper
104 100
78 42.3 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 7.003 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

H0AB9MSD

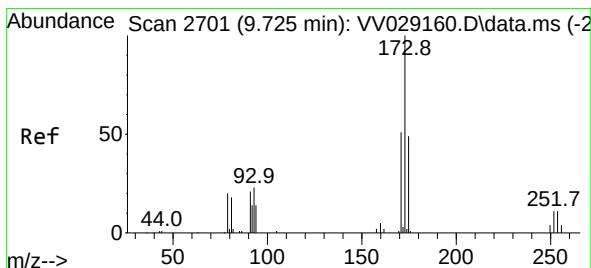
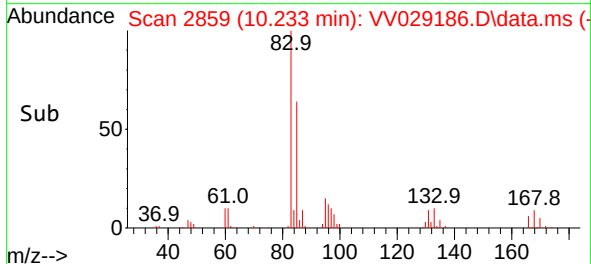
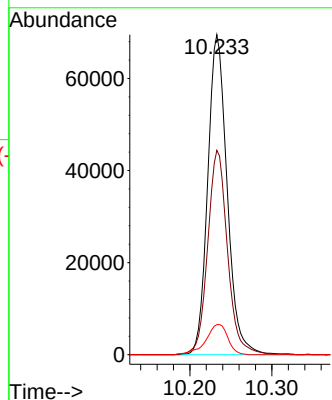
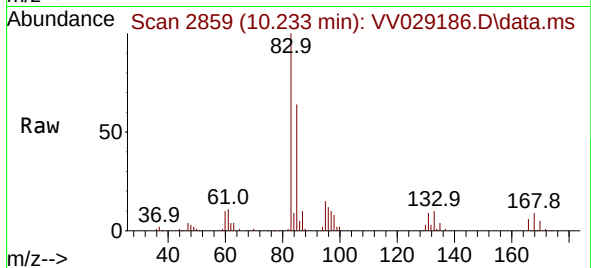
Tgt Ion: 83 Resp: 114363

Ion Ratio Lower Upper

83 100

85 63.9 45.2 84.0

131 9.4 7.5 11.3



#59

Bromoform

Concen: 5.196 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. -0.000 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

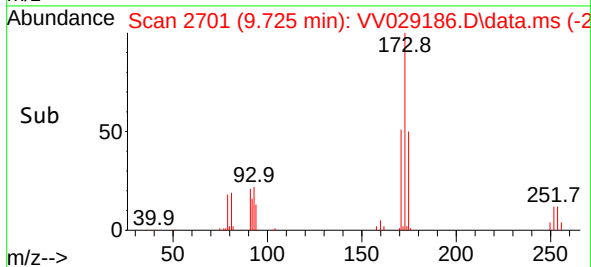
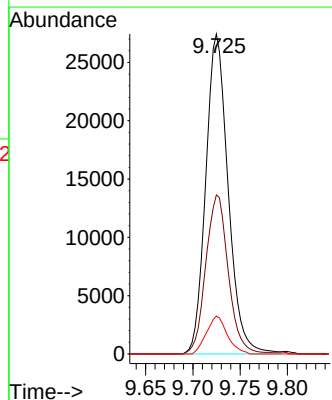
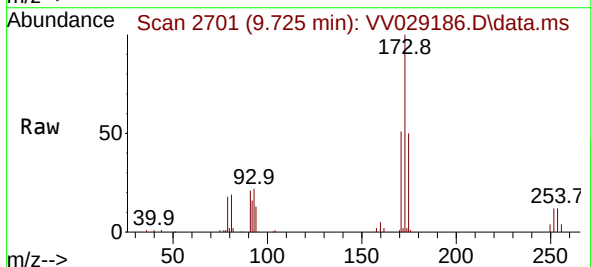
Tgt Ion: 173 Resp: 45215

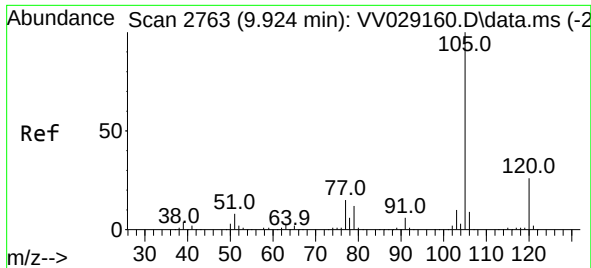
Ion Ratio Lower Upper

173 100

175 49.9 38.2 57.4

254 11.0 8.5 12.7

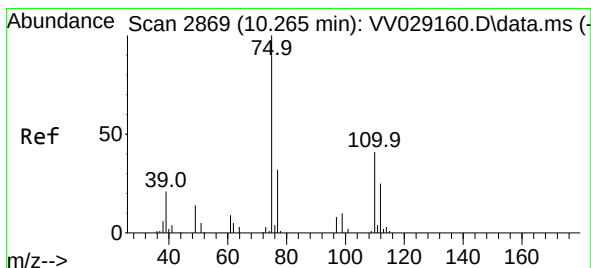
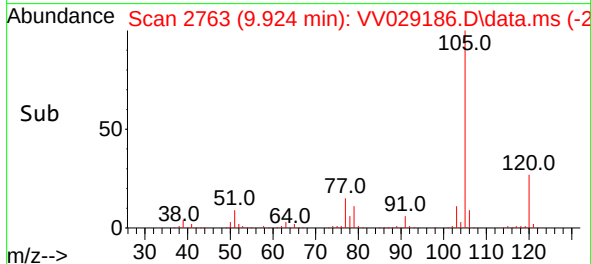
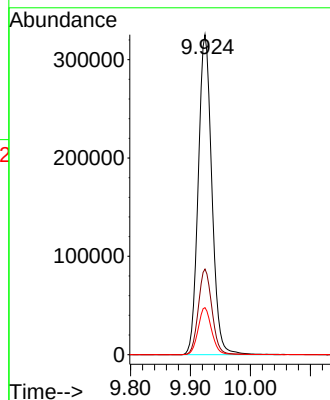
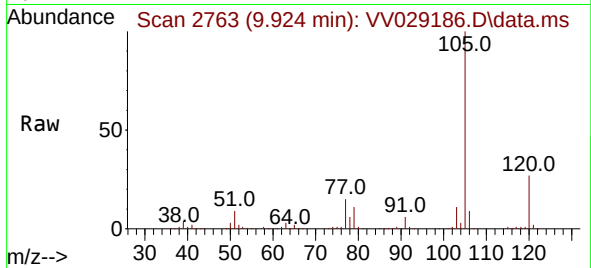




#60
Isopropylbenzene
Concen: 4.957 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

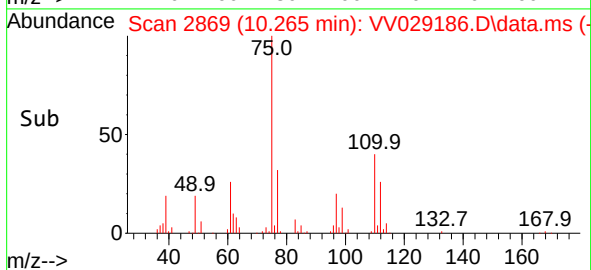
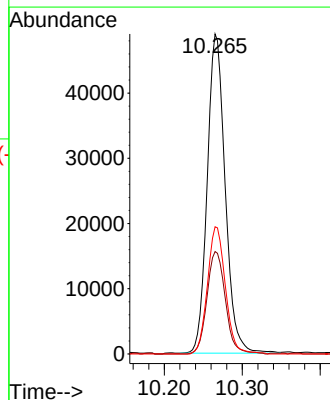
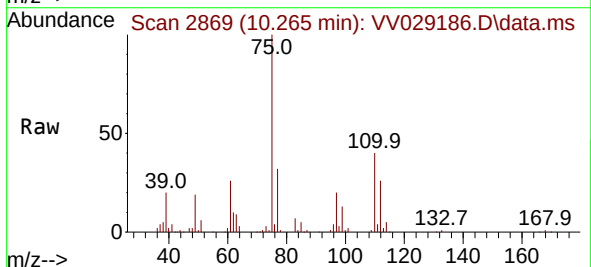
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MSD

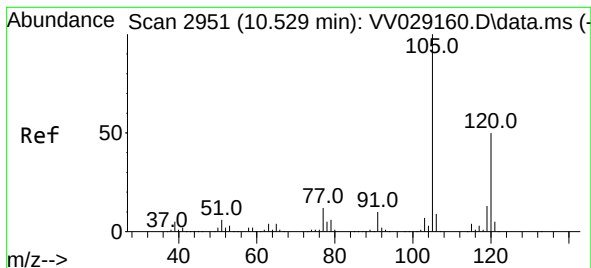
Tgt Ion:105 Resp: 513519
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 14.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 7.194 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

Tgt Ion: 75 Resp: 78471
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.2
110 39.9 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 4.842 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

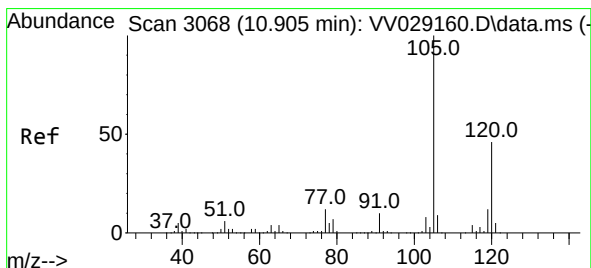
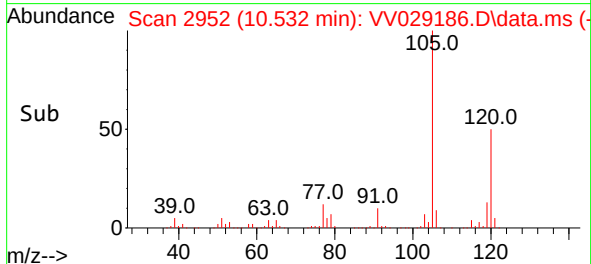
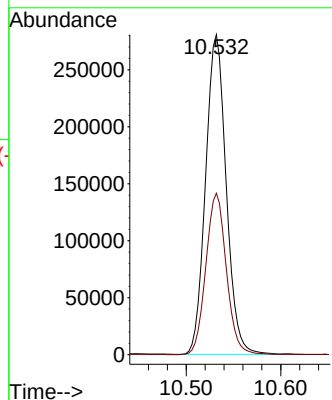
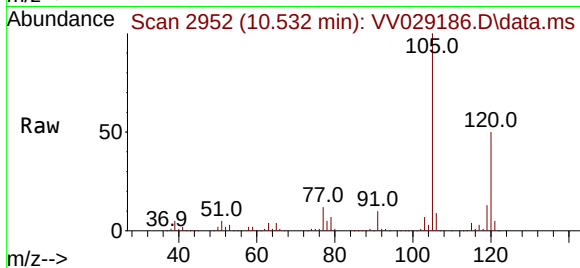
H0AB9MSD

Tgt Ion:105 Resp: 425007

Ion Ratio Lower Upper

105 100

120 50.4 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.926 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV029186.D

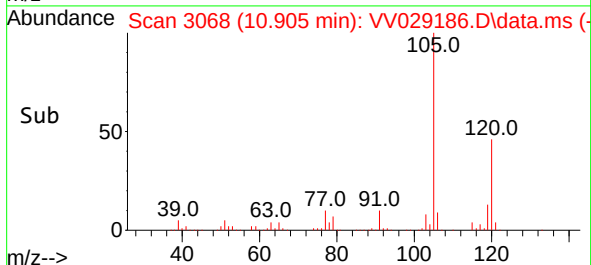
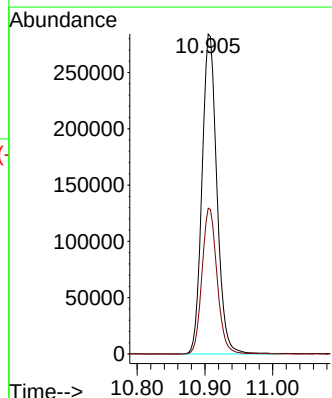
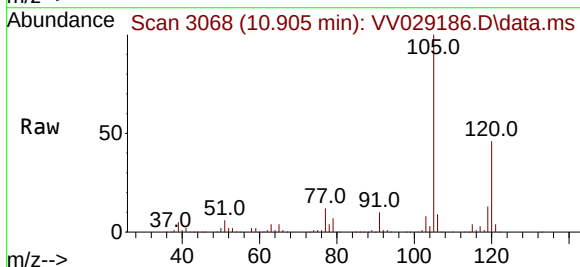
Acq: 19 Nov 2022 21:20

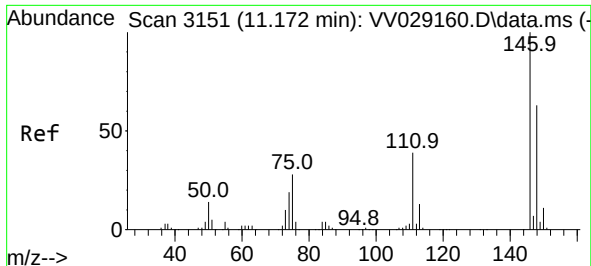
Tgt Ion:105 Resp: 433117

Ion Ratio Lower Upper

105 100

120 46.1 37.8 56.8





#64

1,3-Dichlorobenzene

Concen: 5.012 ug/L

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

Instrument :

MSVOA_V

ClientSampleId :

H0AB9MSD

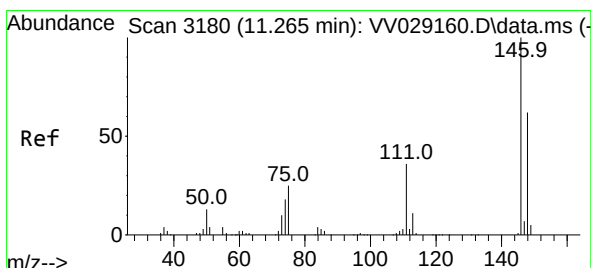
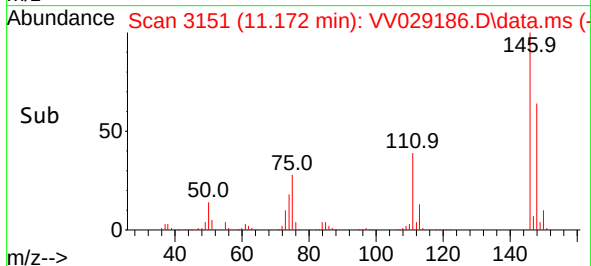
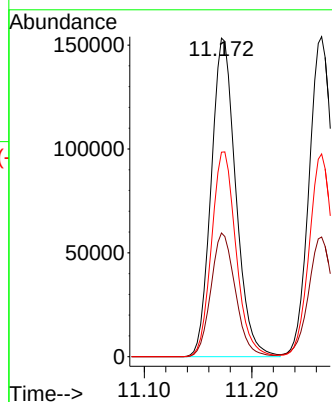
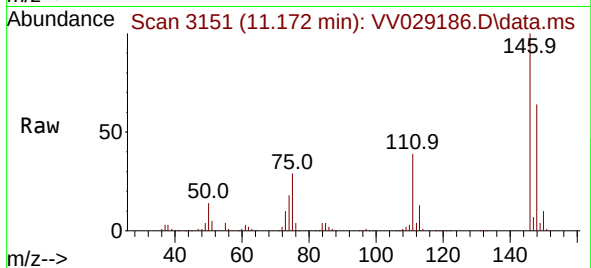
Tgt Ion:146 Resp: 243968

Ion Ratio Lower Upper

146 100

111 38.8 26.9 50.1

148 64.2 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 5.052 ug/L

RT: 11.265 min Scan# 3180

Delta R.T. -0.000 min

Lab File: VV029186.D

Acq: 19 Nov 2022 21:20

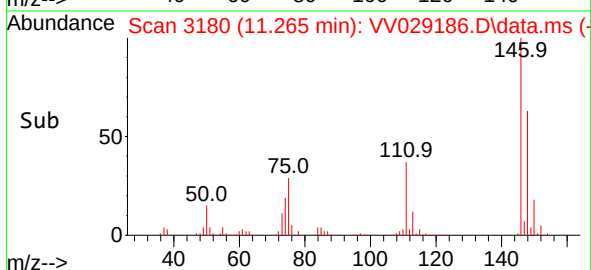
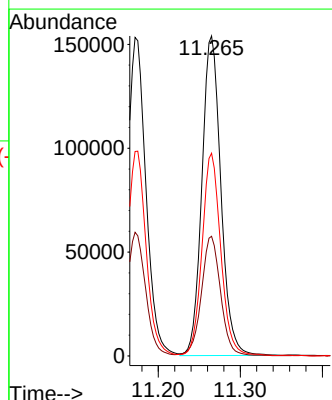
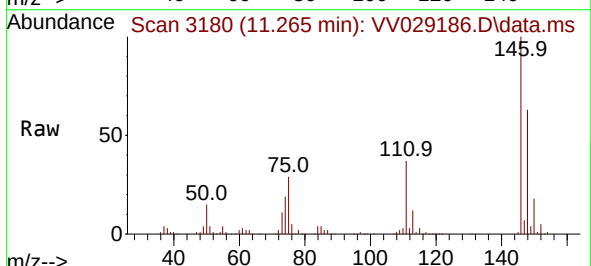
Tgt Ion:146 Resp: 247216

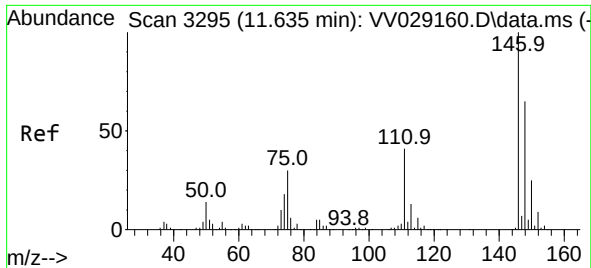
Ion Ratio Lower Upper

146 100

111 37.4 26.5 49.3

148 63.3 44.5 82.7

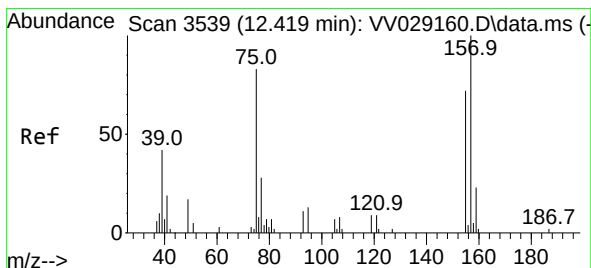
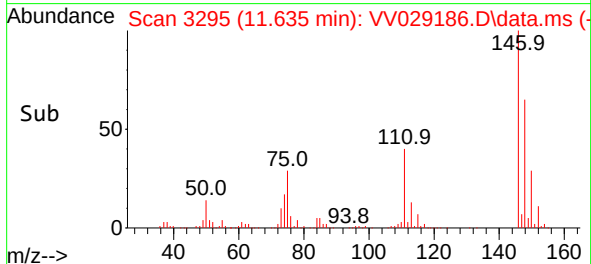
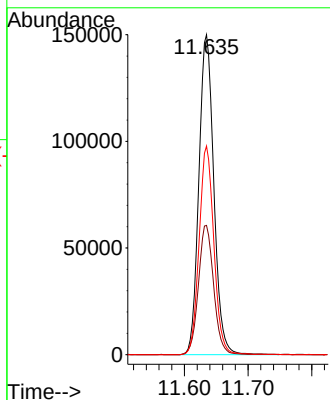
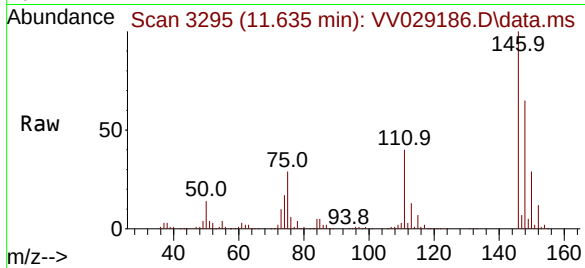




#67
1,2-Dichlorobenzene
Concen: 5.594 ug/L
RT: 11.635 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

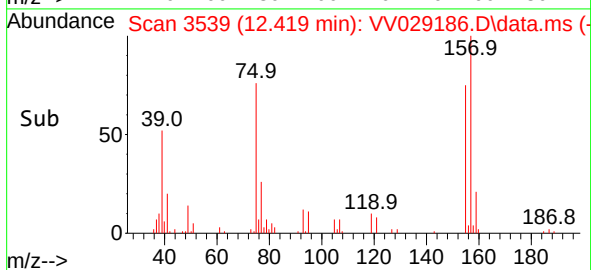
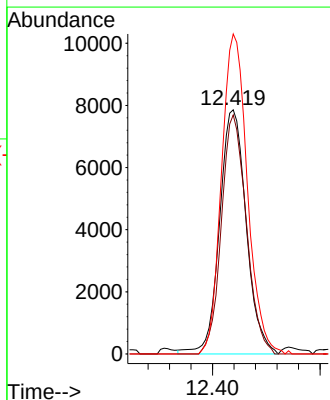
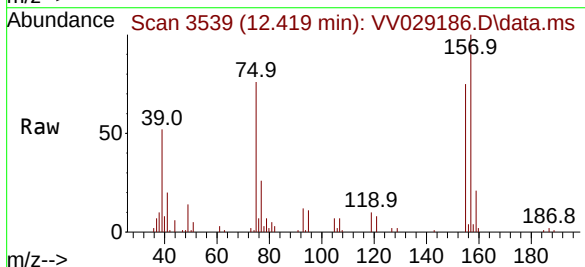
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MSD

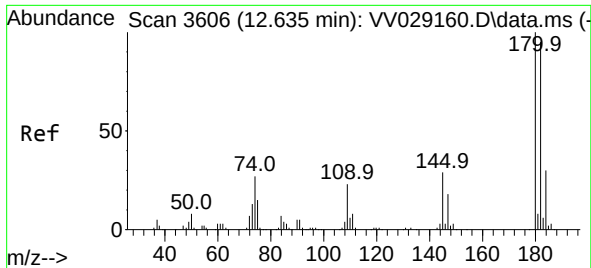
Tgt Ion:146 Resp: 244675
Ion Ratio Lower Upper
146 100
111 40.4 32.4 48.6
148 65.2 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 6.296 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. -0.000 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

Tgt Ion: 75 Resp: 13513
Ion Ratio Lower Upper
75 100
155 97.9 64.8 97.2#
157 131.0 86.3 129.5#

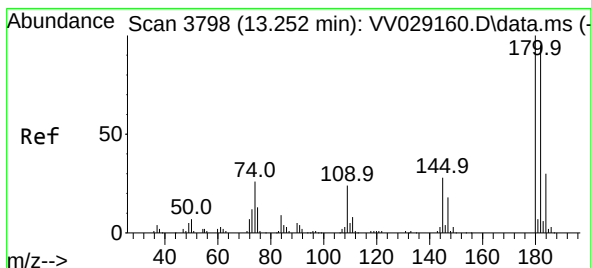
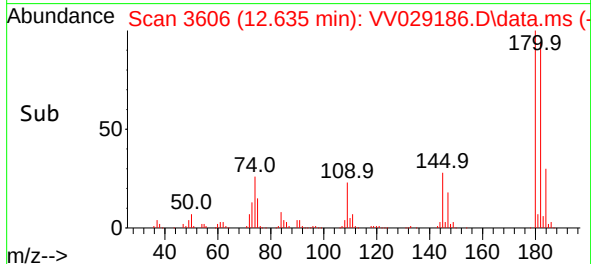
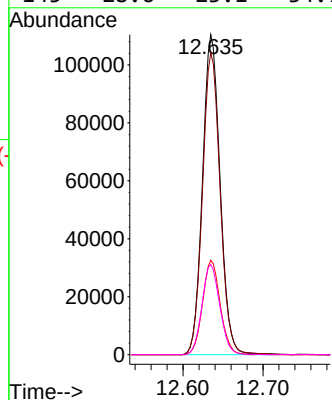
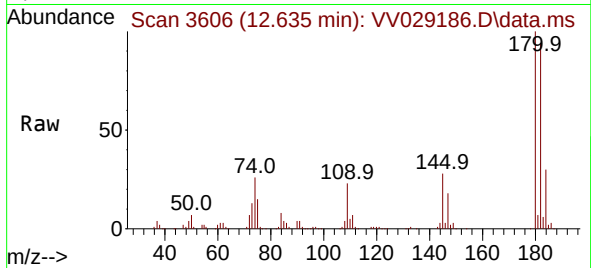




#69
 1,3,5-Trichlorobenzene
 Concen: 4.504 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. -0.000 min
 Lab File: VV029186.D
 Acq: 19 Nov 2022 21:20

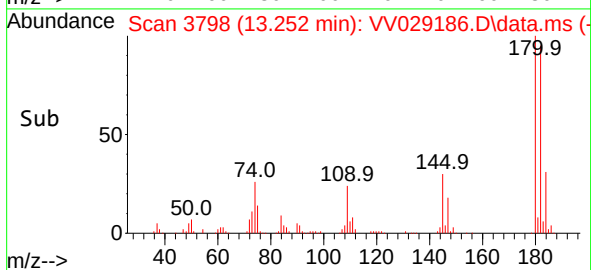
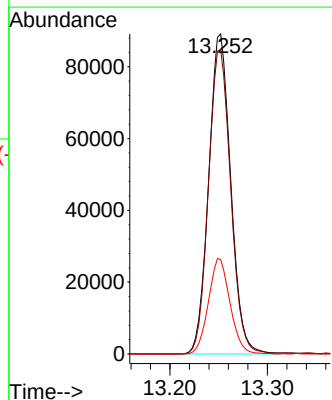
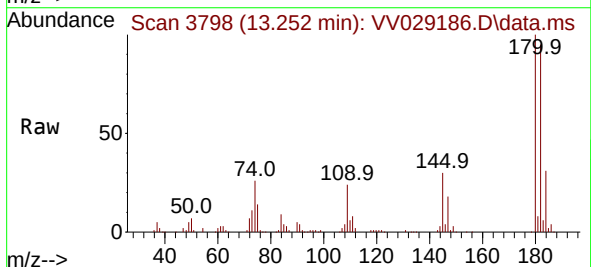
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB9MSD

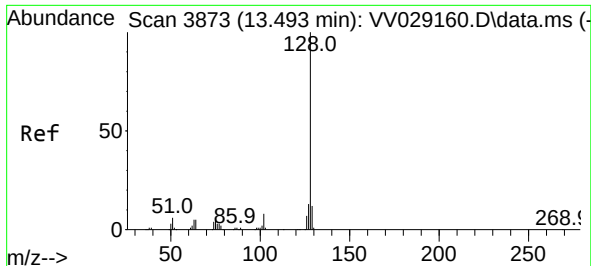
Tgt Ion:180	Resp: 169162
Ion Ratio	Lower Upper
180	100
182	94.9 76.7 115.1
184	29.5 24.0 36.0
145	28.6 23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.940 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. -0.000 min
 Lab File: VV029186.D
 Acq: 19 Nov 2022 21:20

Tgt Ion:180	Resp: 140327
Ion Ratio	Lower Upper
180	100
182	95.5 74.3 111.5
145	29.2 23.7 35.5

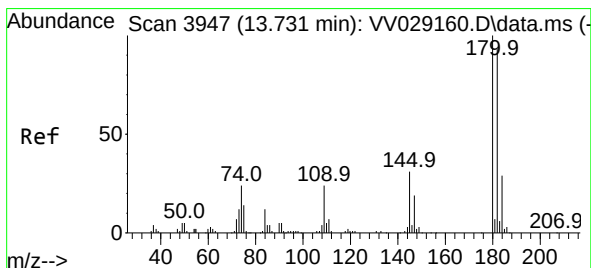
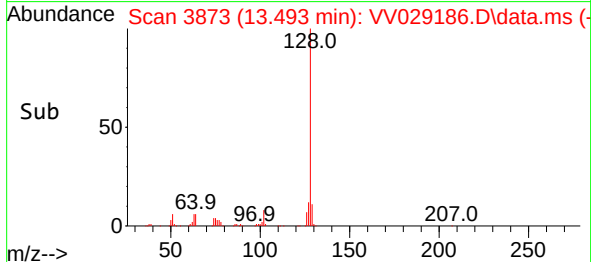
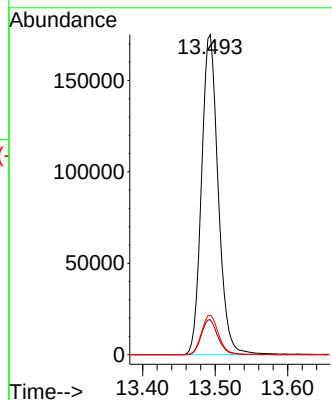
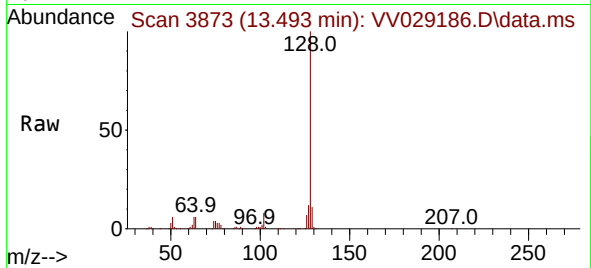




#71
Naphthalene
Concen: 7.625 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. -0.000 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

Instrument :
MSVOA_V
ClientSampleId :
H0AB9MSD

Tgt Ion:128 Resp: 279494
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.6 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.736 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV029186.D
Acq: 19 Nov 2022 21:20

Tgt Ion:180 Resp: 138005
Ion Ratio Lower Upper
180 100
182 95.2 75.4 113.2
145 31.2 24.9 37.3

