

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028951.D
 Acq On : 14 Nov 2022 20:28
 Operator : SY/MD
 Sample : N5592-22MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE1MS

Quant Time: Nov 15 00:07:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 00:01:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	289816	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	262048	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	133213	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63632	3.601	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.568	69	63662	4.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.108	63	135417	4.206	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	3.883	46	172579	58.350	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.700%
24) Chloroform-d	4.342	84	171281	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.027	65	75634	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.047	84	341509	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.066	67	97160	4.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.310	98	309010	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.619	79	31367	4.403	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.082	63	156731	51.545	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.080%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	73986	4.886	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	113100	4.745	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	121200	5.017	ug/L	98
3) Chloromethane	1.240	50	102633	5.119	ug/L	98
5) Vinyl chloride	1.310	62	116550	5.096	ug/L	96
6) Bromomethane	1.523	94	64542	4.722	ug/L	98
8) Chloroethane	1.584	64	67540	5.025	ug/L	99
9) Trichlorofluoromethane	1.751	101	651907	21.140	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	89604	5.132	ug/L	98
12) 1,1-Dichloroethene	2.117	96	92577	5.277	ug/L	91
13) Acetone	2.172	43	99375	52.232	ug/L	83
14) Carbon disulfide	2.294	76	313066	5.025	ug/L	100
15) Methyl Acetate	2.433	43	26553	5.751	ug/L	96
16) Methylene chloride	2.503	84	102975	4.539	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	206028	5.477	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	106631	5.240	ug/L	93
19) 1,1-Dichloroethane	3.185	63	174925	5.259	ug/L	99
21) 2-Butanone	3.966	43	165672	56.244	ug/L	85
22) cis-1,2-Dichloroethene	3.905	96	112412	5.434	ug/L	97
23) Bromochloromethane	4.246	128	47792	5.463	ug/L	98
25) Chloroform	4.368	83	196167	5.625	ug/L	98

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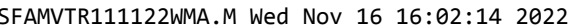
Instrument :
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 ClientSampleId :
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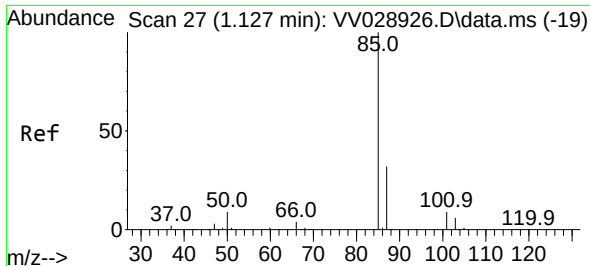
Quant Time: Nov 15 00:07:45 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 00:01:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	96293	5.361	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	159042	5.172	ug/L	98
30) Cyclohexane	4.674	56	156912	5.021	ug/L	97
31) Carbon tetrachloride	4.825	117	136815	5.167	ug/L	99
33) Benzene	5.095	78	420563	5.252	ug/L	100
34) Trichloroethene	5.912	95	105133	5.128	ug/L	98
35) Methylcyclohexane	6.127	83	179297	4.976	ug/L	97
37) 1,2-Dichloropropane	6.169	63	95402	5.166	ug/L	99
38) Bromodichloromethane	6.503	83	123846	5.296	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	133886	5.193	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	416086	52.371	ug/L	98
42) Toluene	7.381	91	454855	5.258	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	105229	5.258	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	67795	5.608	ug/L	97
47) Tetrachloroethene	7.969	164	111473	6.791	ug/L	99
48) 2-Hexanone	8.133	43	295836	53.157	ug/L	99
49) Dibromochloromethane	8.239	129	80261	5.492	ug/L	97
50) 1,2-Dibromoethane	8.349	107	61922	5.514	ug/L	96
51) Chlorobenzene	8.876	112	290756	5.436	ug/L	99
52) Ethylbenzene	9.005	91	491508	5.457	ug/L	99
53) m,p-Xylene	9.133	106	193371	5.398	ug/L	100
54) o-Xylene	9.535	106	188736	5.543	ug/L	98
55) Styrene	9.554	104	279529	4.894	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	73443	5.213	ug/L	100
59) Bromoform	9.725	173	41717	5.744	ug/L	97
60) Isopropylbenzene	9.924	105	499887	5.781	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	50167	5.511	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	404341	5.520	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	405268	5.523	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	223136	5.492	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	220327	5.395	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	200126	5.483	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	9970	5.566	ug/L	89
69) 1,3,5-Trichlorobenzene	12.635	180	166357	5.307	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	127694	5.386	ug/L	99
71) Naphthalene	13.493	128	163710	5.352	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	108539	5.405	ug/L	99

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

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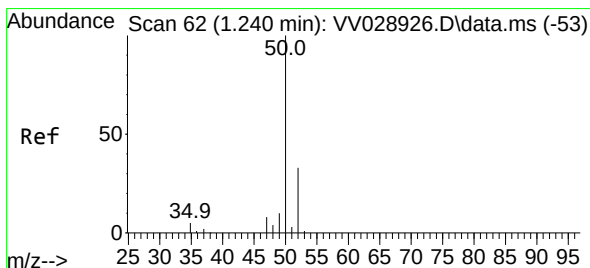
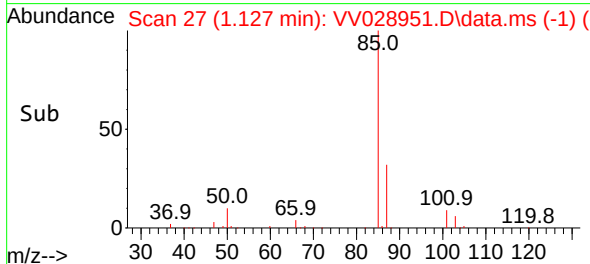
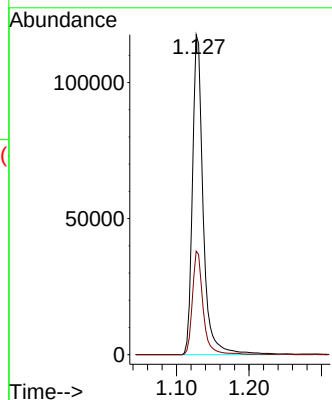
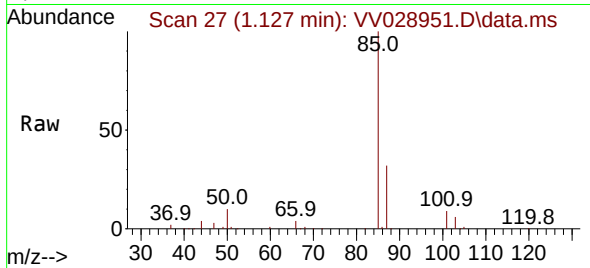




#2
 Dichlorodifluoromethane
 Concen: 5.017 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028951.D
 Acq: 14 Nov 2022 20:28

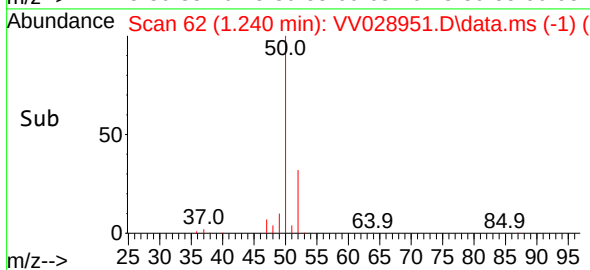
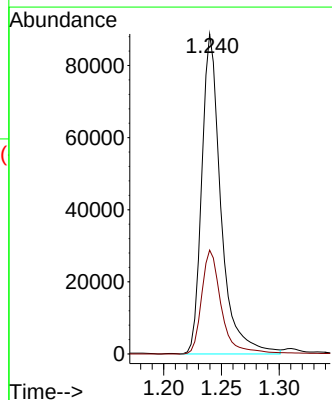
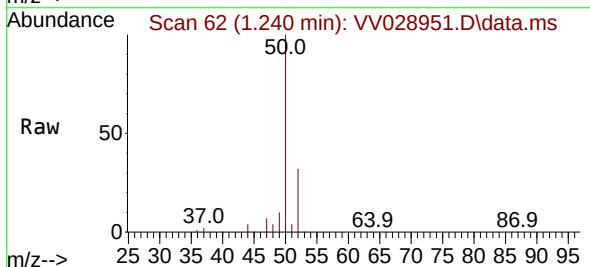
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE1MS

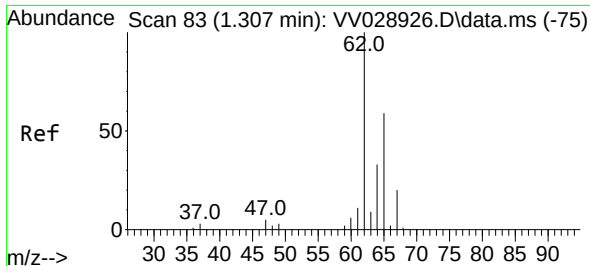
Tgt Ion: 85 Resp: 121200
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.0 37.4



#3
 Chloromethane
 Concen: 5.119 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV028951.D
 Acq: 14 Nov 2022 20:28

Tgt Ion: 50 Resp: 102633
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.7 43.9

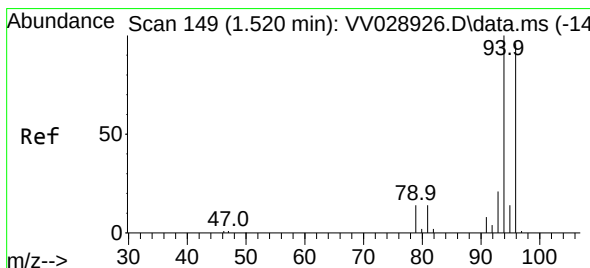
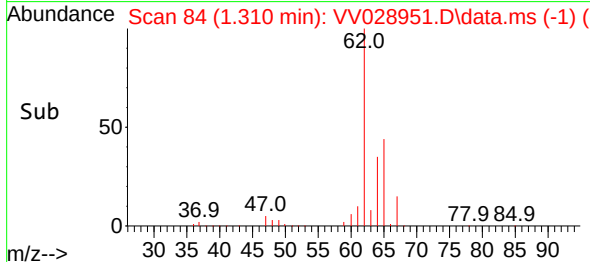
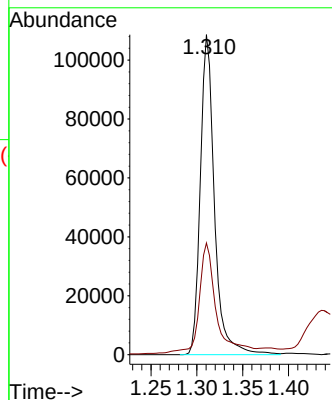
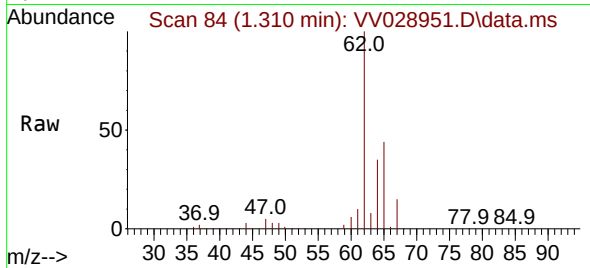




#5
 Vinyl chloride
 Concen: 5.096 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV028951.D
 Acq: 14 Nov 2022 20:28

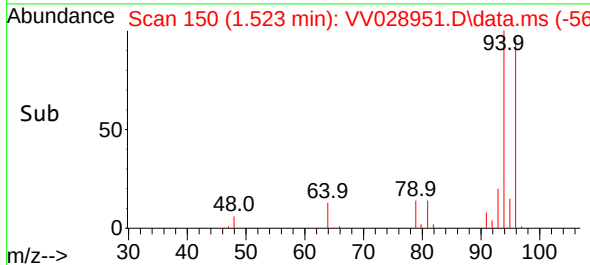
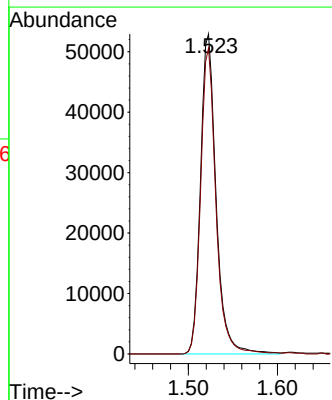
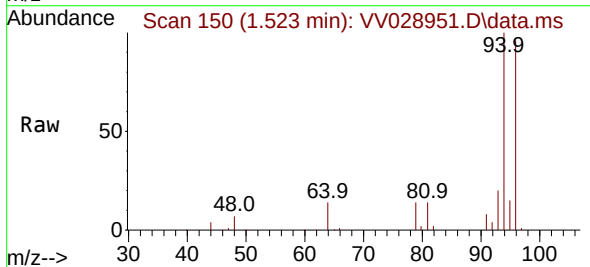
Instrument :
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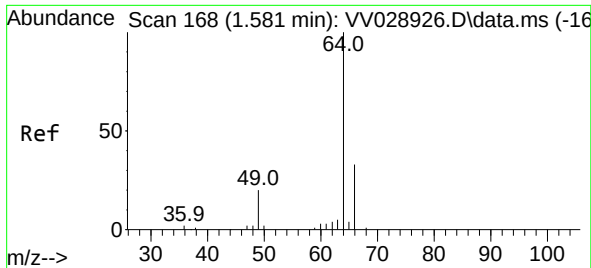
Tgt Ion: 62 Resp: 116550
 Ion Ratio Lower Upper
 62 100
 64 34.9 22.8 42.4



#6
 Bromomethane
 Concen: 4.722 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV028951.D
 Acq: 14 Nov 2022 20:28

Tgt Ion: 94 Resp: 64542
 Ion Ratio Lower Upper
 94 100
 96 95.6 68.5 127.3

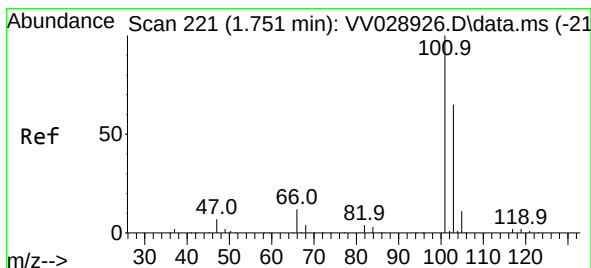
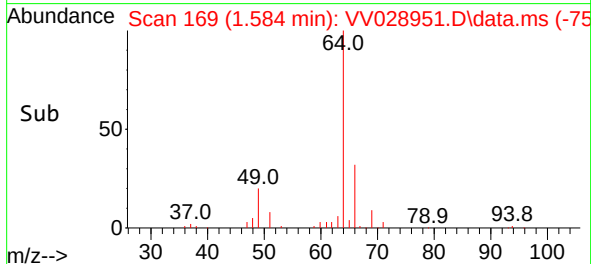
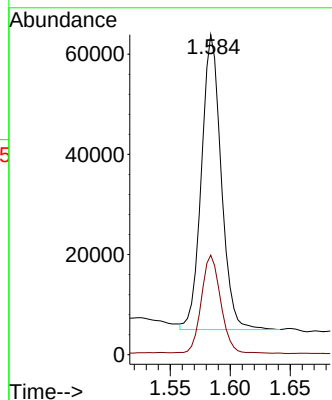
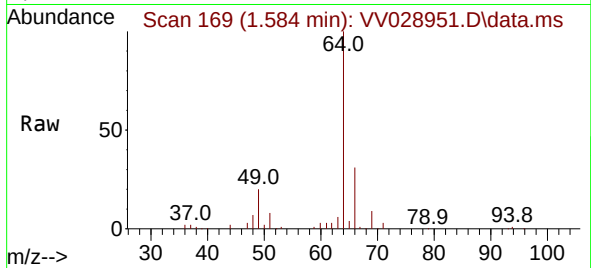




#8
Chloroethane
Concen: 5.025 ug/L
RT: 1.584 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

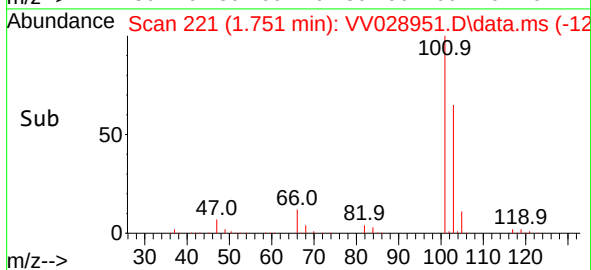
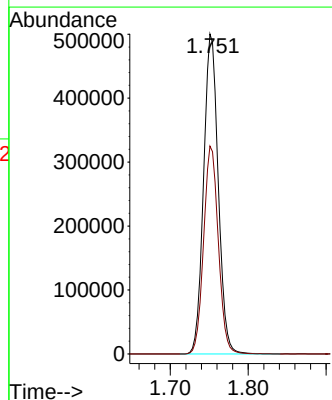
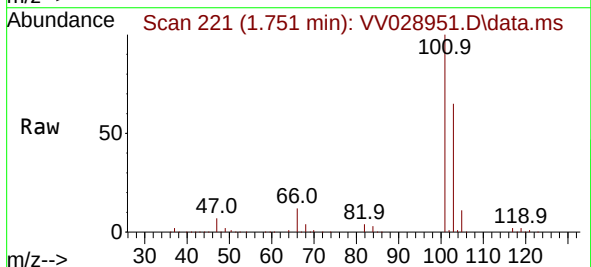
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ClientSampleId :
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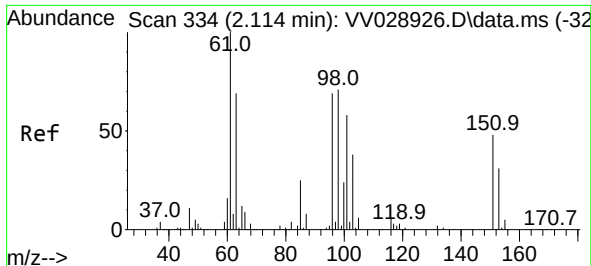
Tgt Ion: 64 Resp: 67540
Ion Ratio Lower Upper
64 100
66 31.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 21.140 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

Tgt Ion:101 Resp: 651907
Ion Ratio Lower Upper
101 100
103 65.2 51.3 76.9

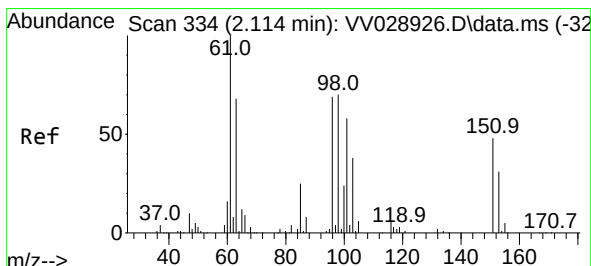
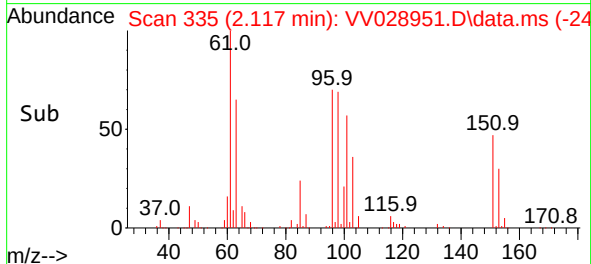
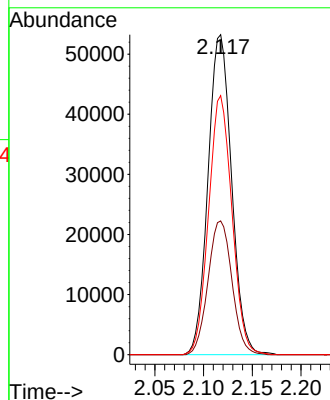
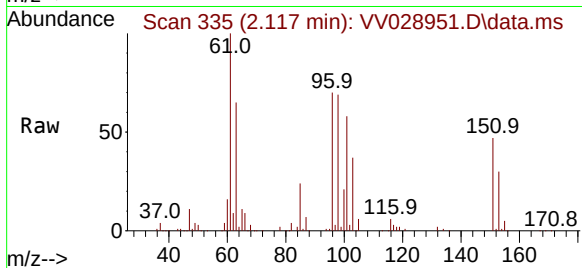




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.132 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV028951.D
 Acq: 14 Nov 2022 20:28

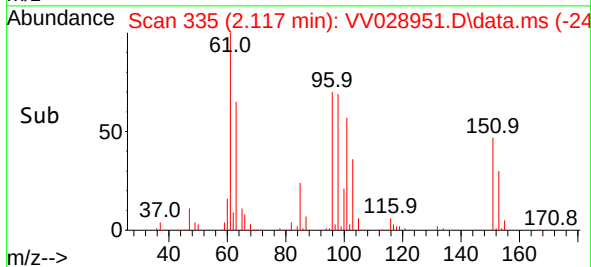
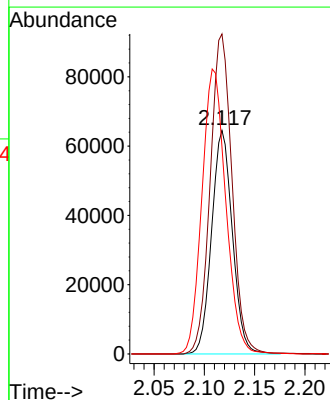
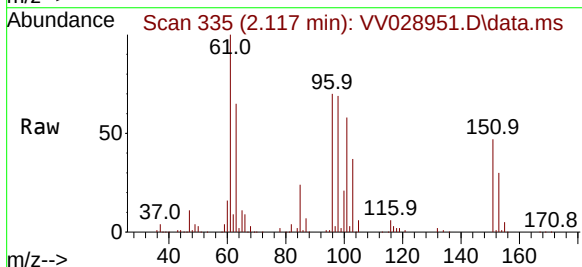
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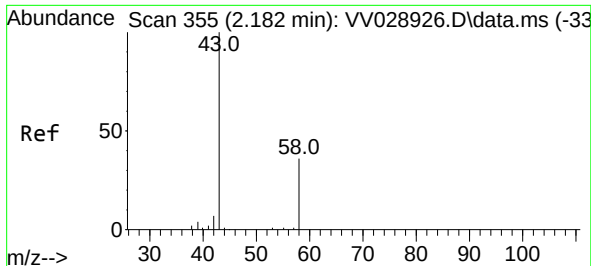
Tgt Ion:101 Resp: 89604
 Ion Ratio Lower Upper
 101 100
 85 42.4 32.9 49.3
 151 80.1 62.5 93.7



#12
 1,1-Dichloroethene
 Concen: 5.277 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV028951.D
 Acq: 14 Nov 2022 20:28

Tgt Ion: 96 Resp: 92577
 Ion Ratio Lower Upper
 96 100
 61 143.1 104.2 193.4
 63 92.7 75.9 140.9





#13

Acetone

Concen: 52.232 ug/L

RT: 2.172 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

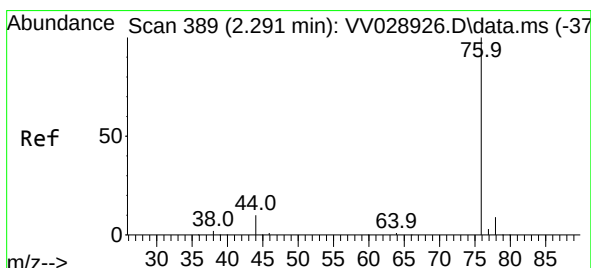
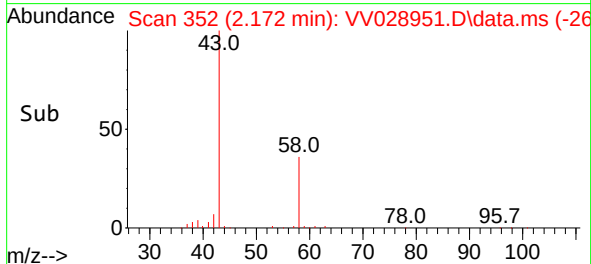
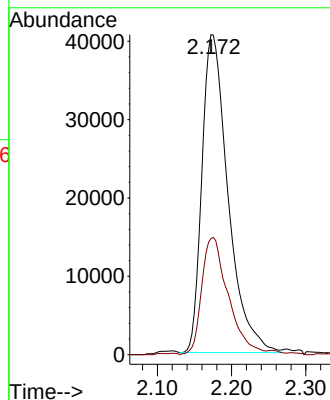
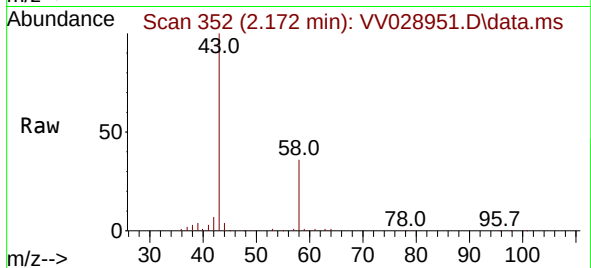
H0AE1MS

Tgt Ion: 43 Resp: 99375

Ion Ratio Lower Upper

43 100

58 37.3 0.0 56.6



#14

Carbon disulfide

Concen: 5.025 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV028951.D

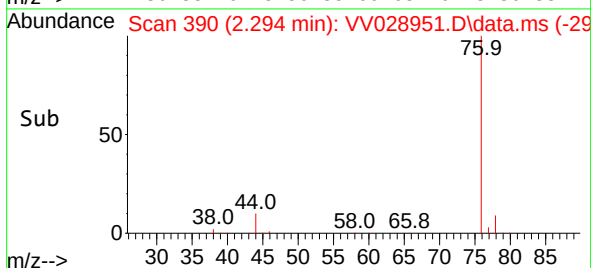
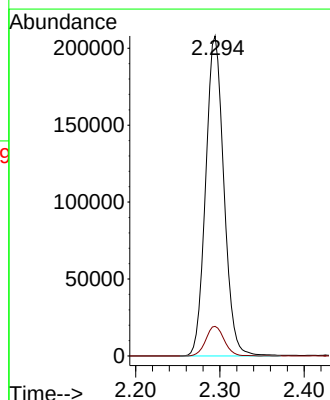
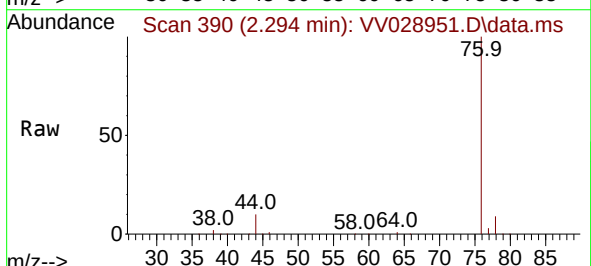
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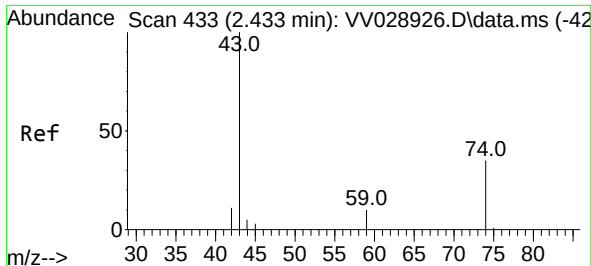
Tgt Ion: 76 Resp: 313066

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

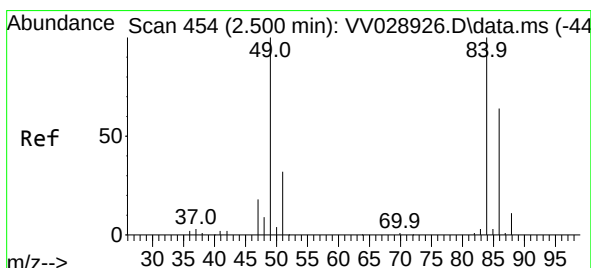
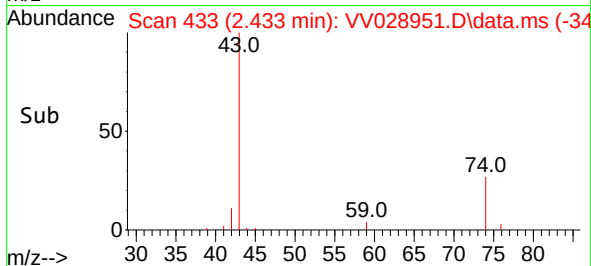
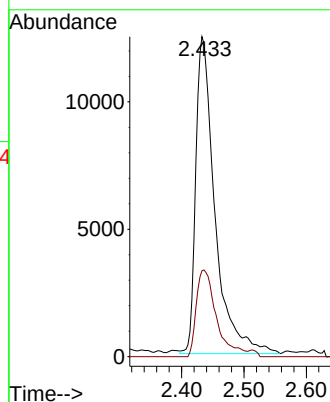
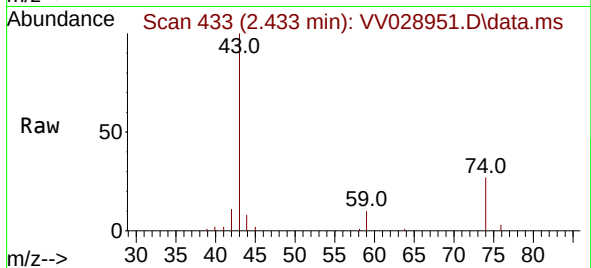




#15
Methyl Acetate
Concen: 5.751 ug/L
RT: 2.433 min Scan# 411
Delta R.T. -0.000 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

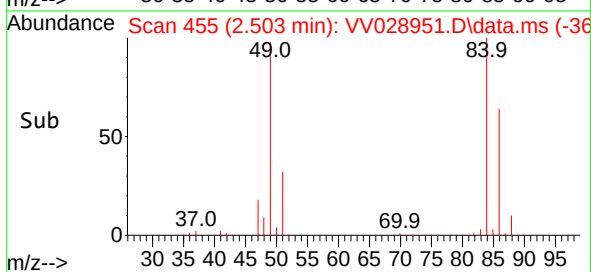
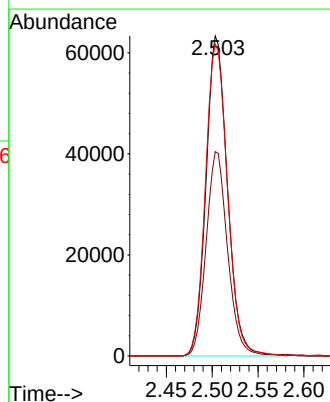
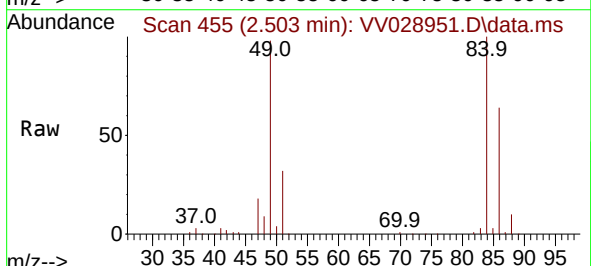
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MS

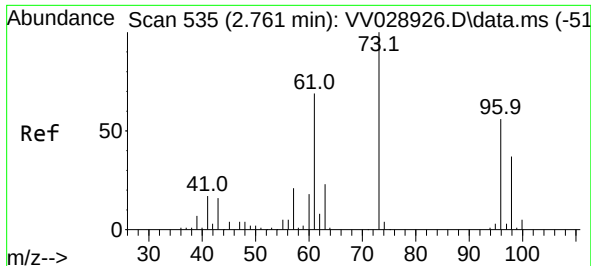
Tgt Ion: 43 Resp: 26553
Ion Ratio Lower Upper
43 100
74 28.5 24.6 37.0



#16
Methylene chloride
Concen: 4.539 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

Tgt Ion: 84 Resp: 102975
Ion Ratio Lower Upper
84 100
86 63.9 45.8 85.0
49 97.5 75.5 140.1

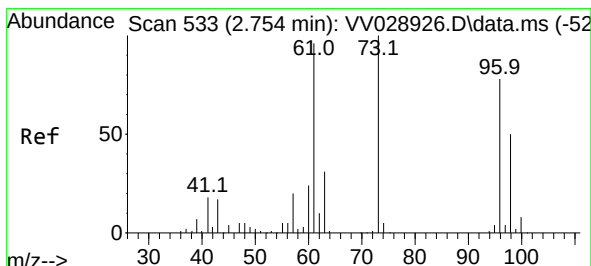
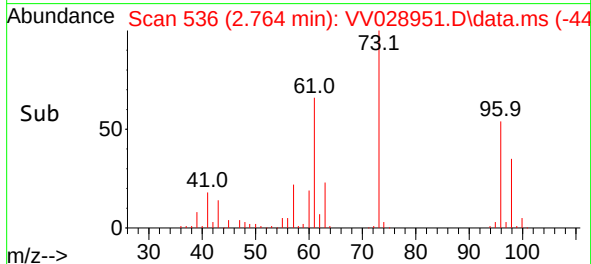
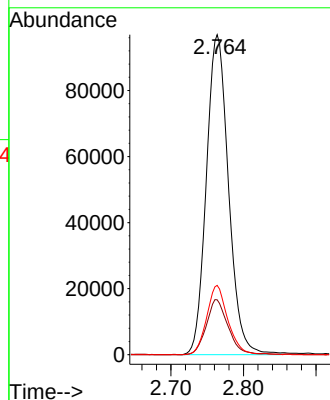
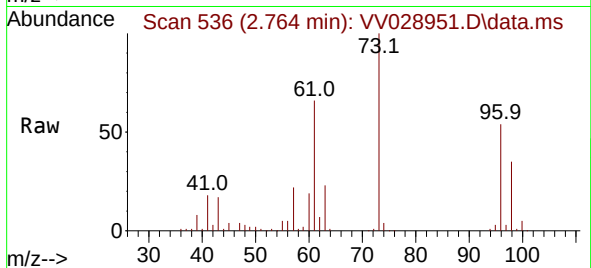




#17
Methyl tert-butyl Ether
Concen: 5.477 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

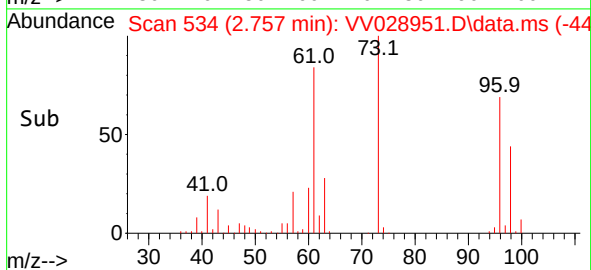
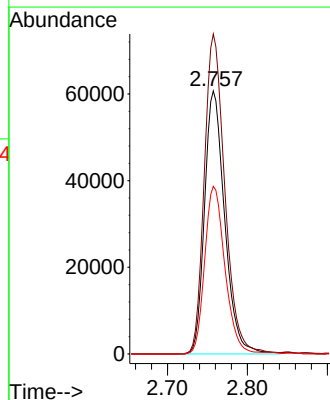
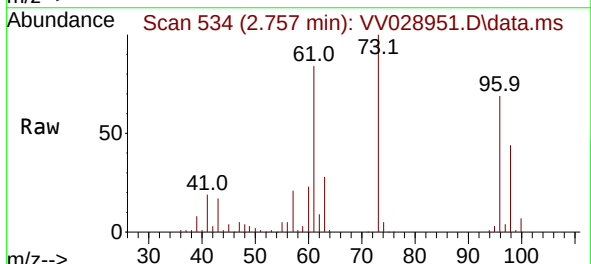
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MS

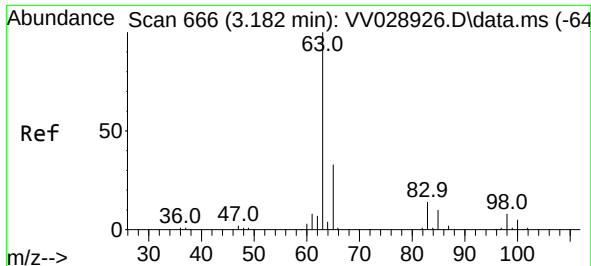
Tgt Ion: 73 Resp: 206028
Ion Ratio Lower Upper
73 100
43 16.8 13.0 19.4
57 20.6 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 5.240 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

Tgt Ion: 96 Resp: 106631
Ion Ratio Lower Upper
96 100
61 121.6 91.8 170.6
98 63.7 46.4 86.2





#19

1,1-Dichloroethane

Concen: 5.259 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

H0AE1MS

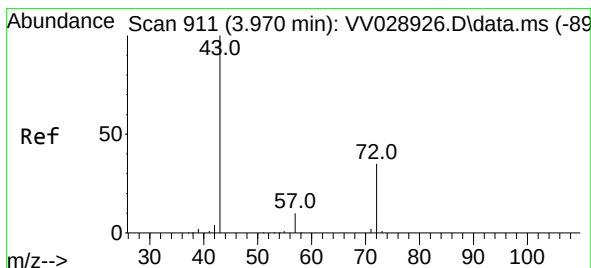
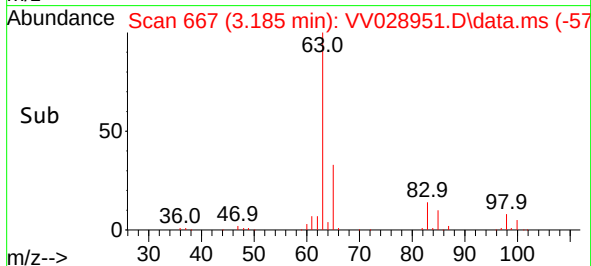
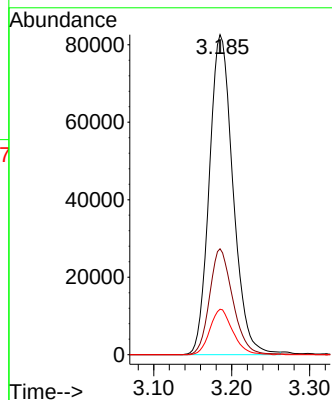
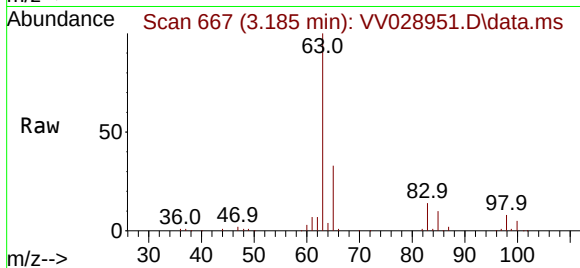
Tgt Ion: 63 Resp: 174925

Ion Ratio Lower Upper

63 100

65 33.1 23.0 42.6

83 14.2 9.4 17.6



#21

2-Butanone

Concen: 56.244 ug/L

RT: 3.966 min Scan# 910

Delta R.T. -0.003 min

Lab File: VV028951.D

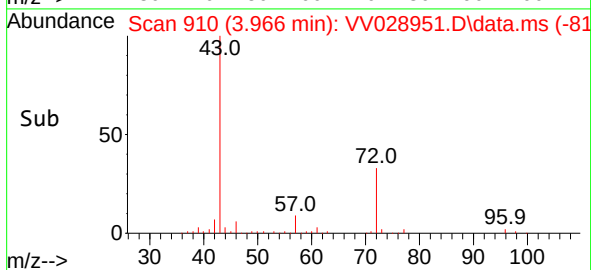
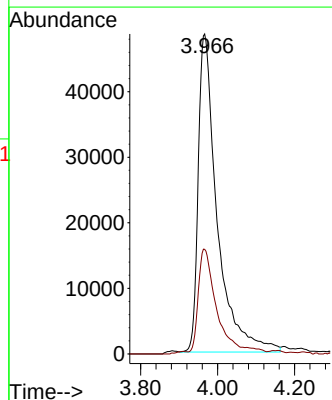
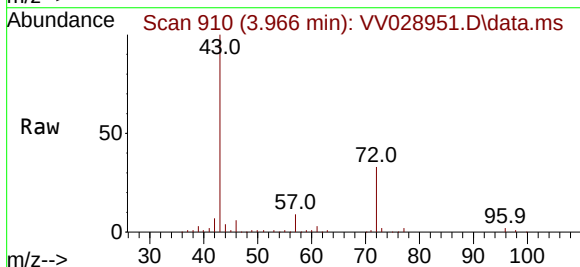
Acq: 14 Nov 2022 20:28

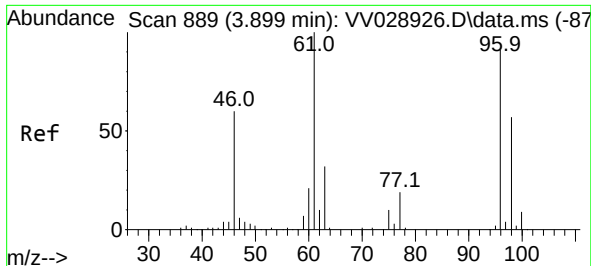
Tgt Ion: 43 Resp: 165672

Ion Ratio Lower Upper

43 100

72 31.3 11.9 35.9





#22

cis-1,2-Dichloroethene

Concen: 5.434 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

H0AE1MS

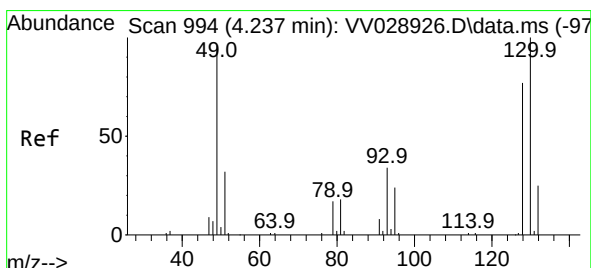
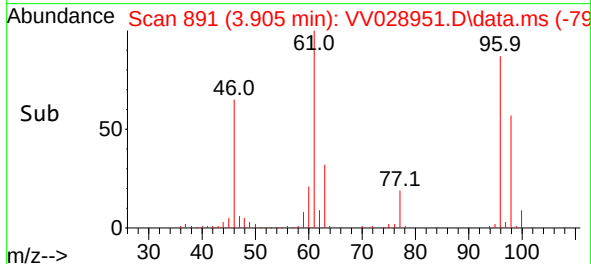
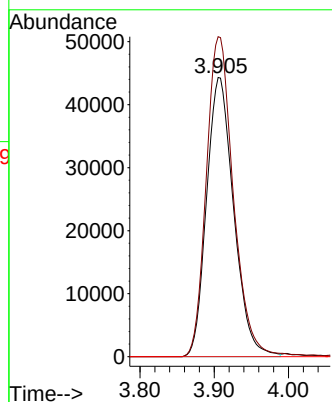
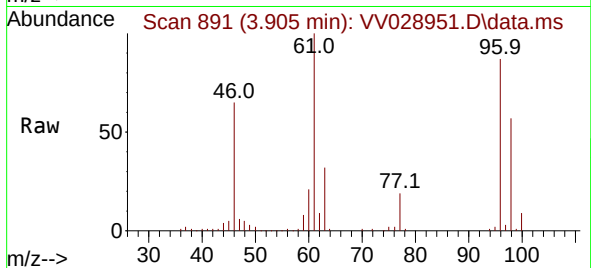
Tgt Ion: 96 Resp: 112412

Ion Ratio Lower Upper

96 100

61 114.6 82.3 152.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.463 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.010 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

Tgt Ion: 128 Resp: 47792

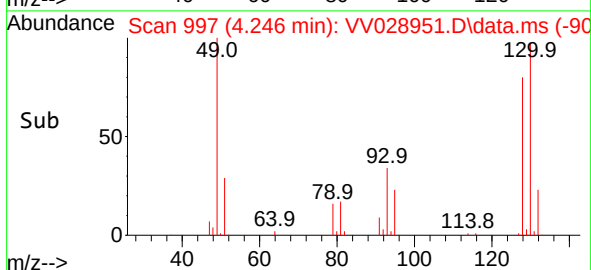
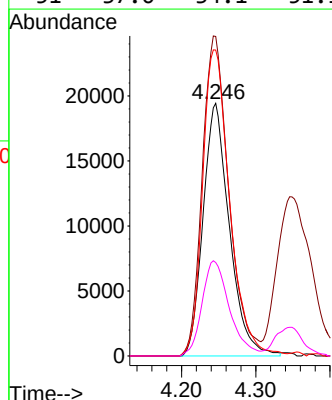
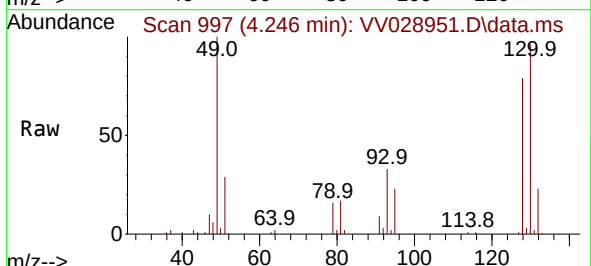
Ion Ratio Lower Upper

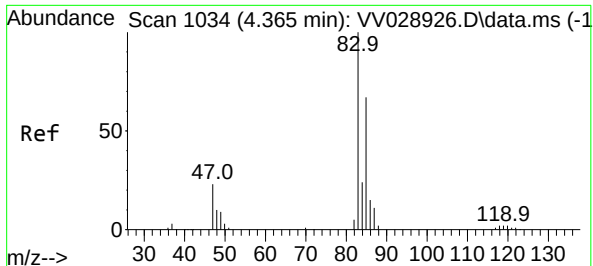
128 100

49 126.5 89.5 166.1

130 121.1 84.4 156.8

51 37.0 34.1 51.1





#25

Chloroform

Concen: 5.625 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

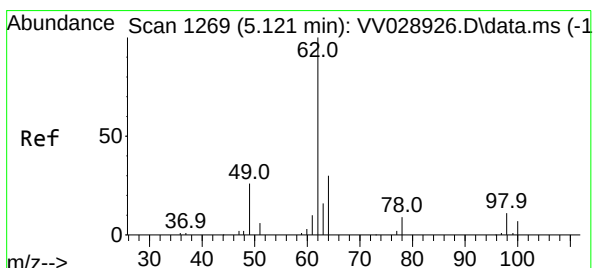
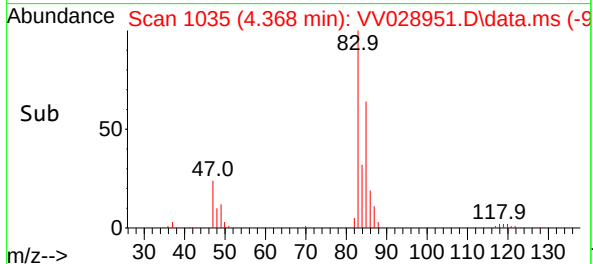
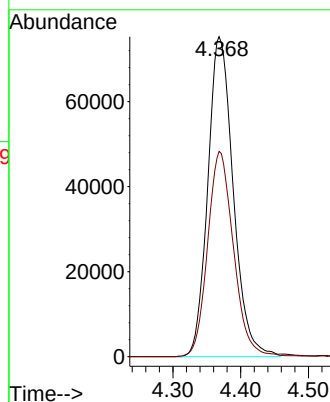
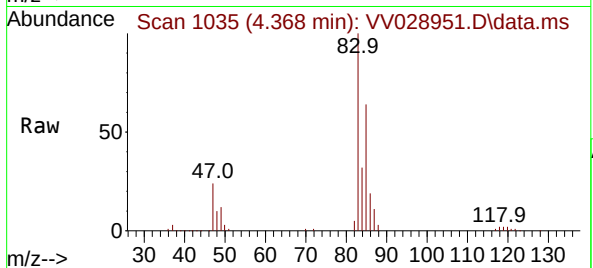
H0AE1MS

Tgt Ion: 83 Resp: 196167

Ion Ratio Lower Upper

83 100

85 64.1 43.7 81.1



#27

1,2-Dichloroethane

Concen: 5.361 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.006 min

Lab File: VV028951.D

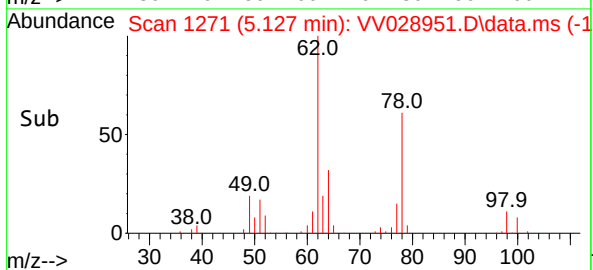
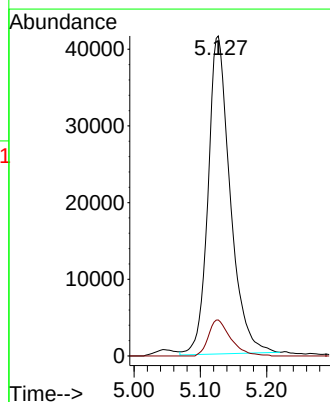
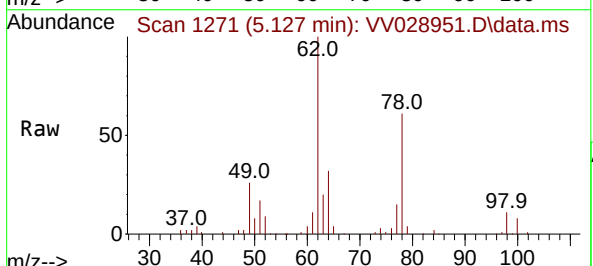
Acq: 14 Nov 2022 20:28

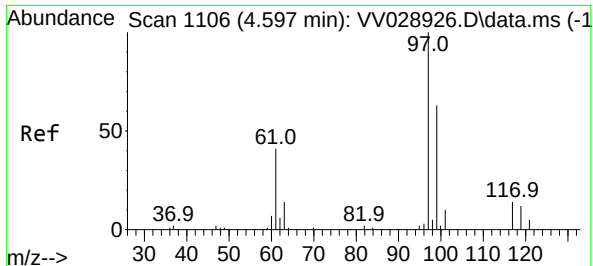
Tgt Ion: 62 Resp: 96293

Ion Ratio Lower Upper

62 100

98 11.2 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 5.172 ug/L

RT: 4.603 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

H0AE1MS

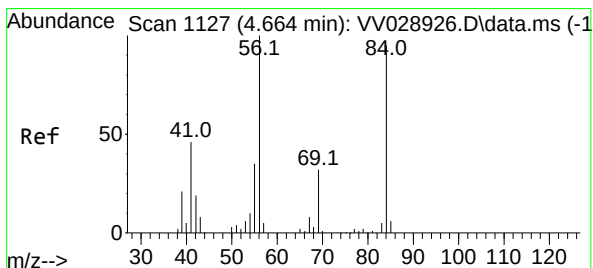
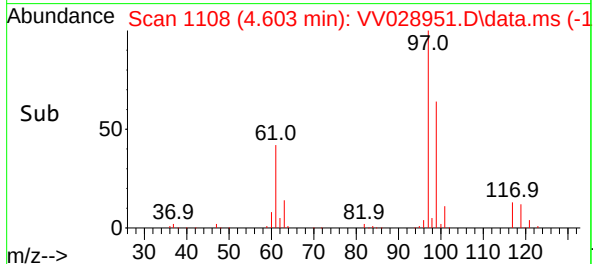
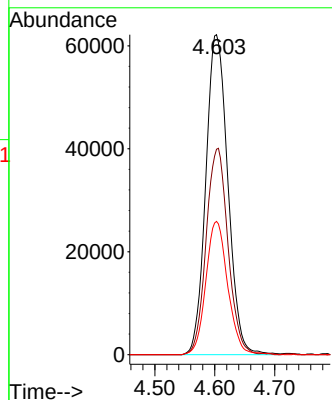
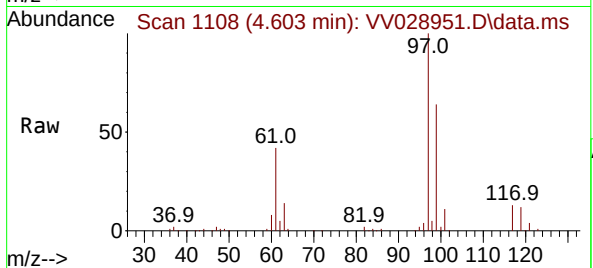
Tgt Ion: 97 Resp: 159042

Ion Ratio Lower Upper

97 100

99 64.0 52.7 79.1

61 41.4 33.8 50.6



#30

Cyclohexane

Concen: 5.021 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.010 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

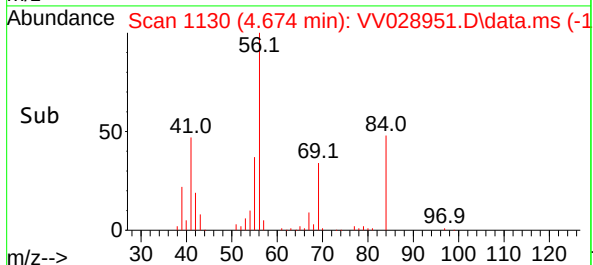
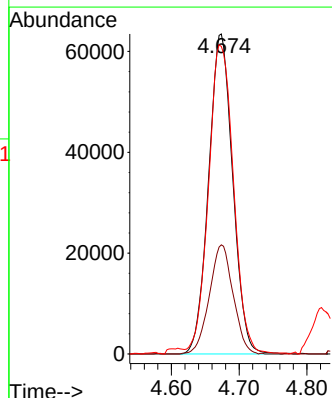
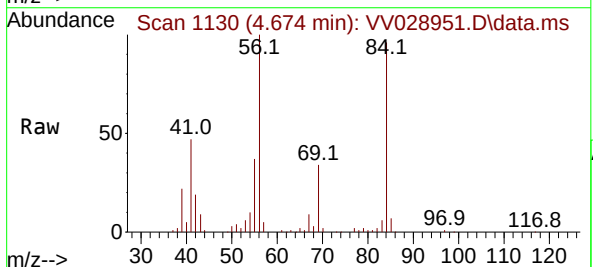
Tgt Ion: 56 Resp: 156912

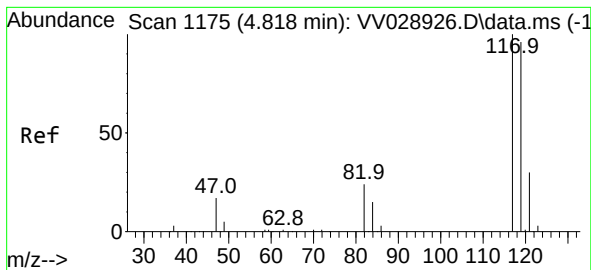
Ion Ratio Lower Upper

56 100

69 33.6 26.1 39.1

84 100.4 77.9 116.9





#31

Carbon tetrachloride

Concen: 5.167 ug/L

RT: 4.825 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

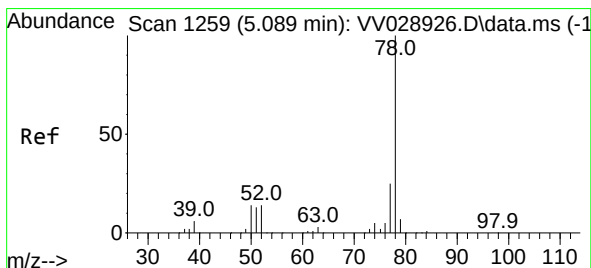
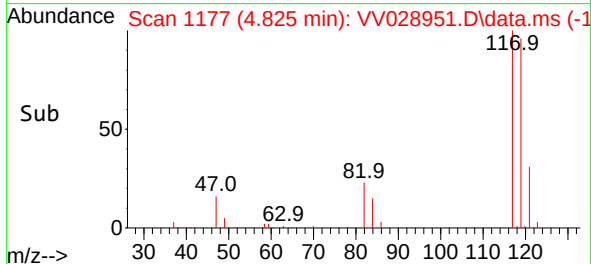
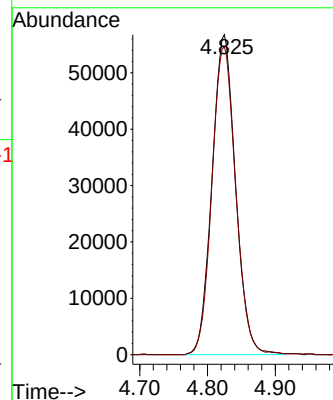
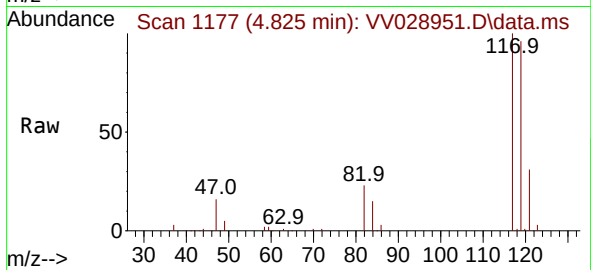
H0AE1MS

Tgt Ion:117 Resp: 136815

Ion Ratio Lower Upper

117 100

119 96.9 77.0 115.6



#33

Benzene

Concen: 5.252 ug/L

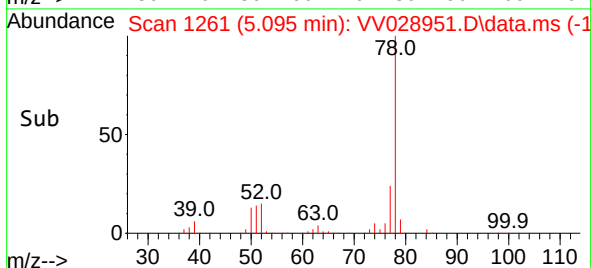
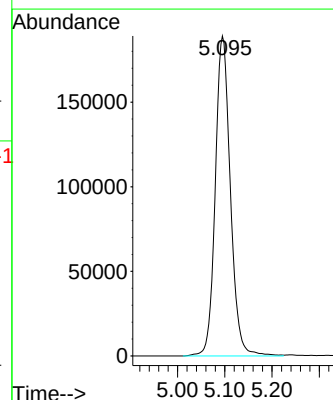
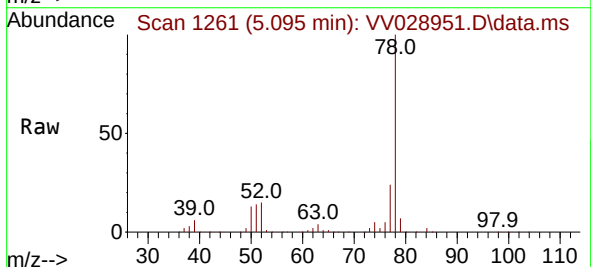
RT: 5.095 min Scan# 1261

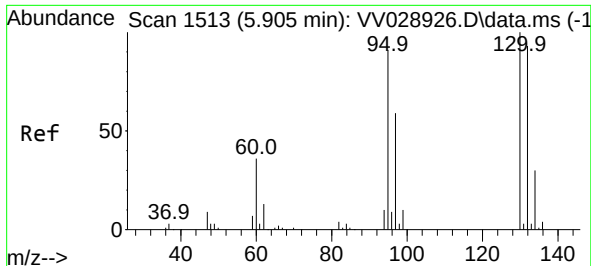
Delta R.T. 0.006 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

Tgt Ion: 78 Resp: 420563

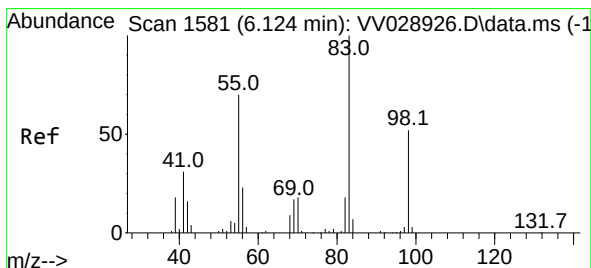
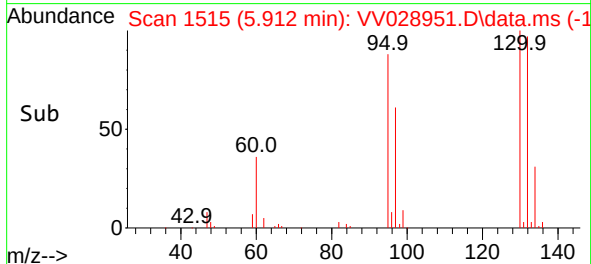
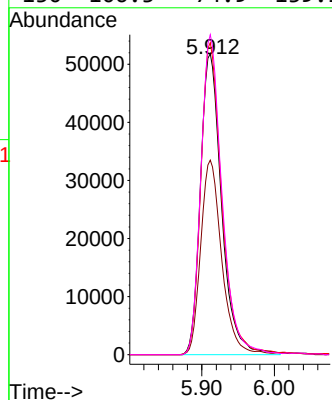
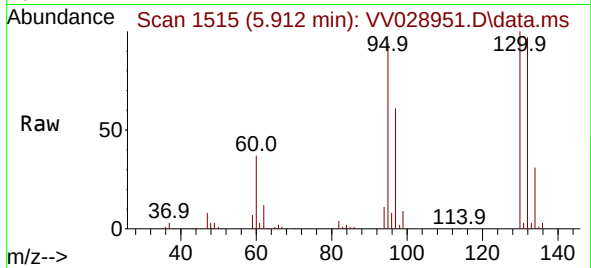




#34
Trichloroethene
Concen: 5.128 ug/L
RT: 5.912 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

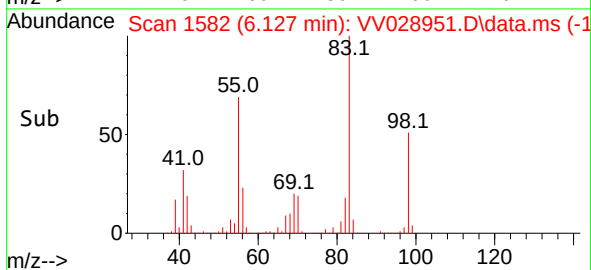
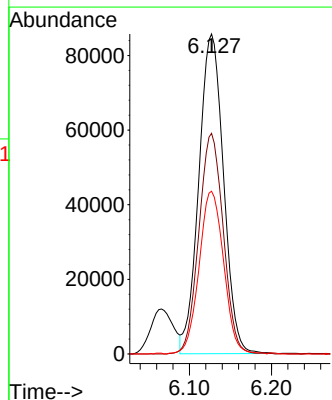
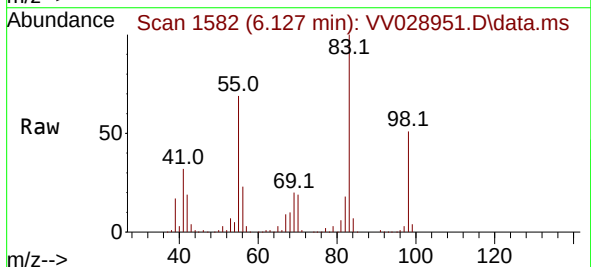
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MS

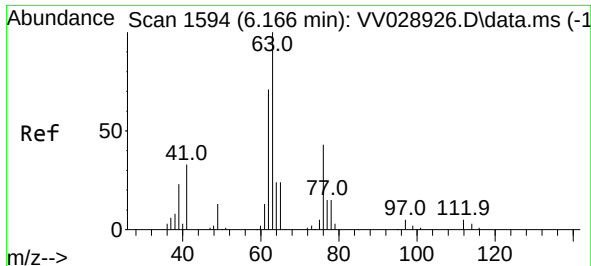
Tgt Ion: 95 Resp: 105133
Ion Ratio Lower Upper
95 100
97 64.6 45.6 84.8
132 103.6 69.1 128.3
130 106.3 74.9 139.1



#35
Methylcyclohexane
Concen: 4.976 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

Tgt Ion: 83 Resp: 179297
Ion Ratio Lower Upper
83 100
55 68.1 55.8 83.6
98 50.7 38.2 57.2





#37

1,2-Dichloropropane

Concen: 5.166 ug/L

RT: 6.169 min Scan# 1594

Delta R.T. 0.003 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

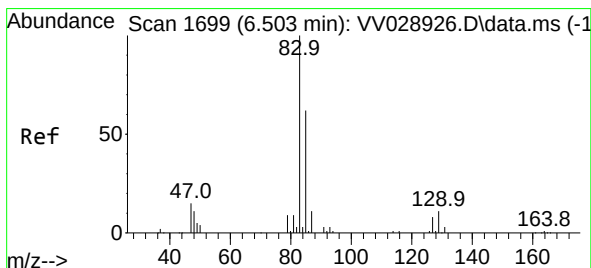
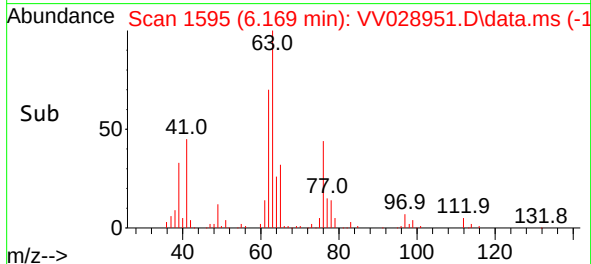
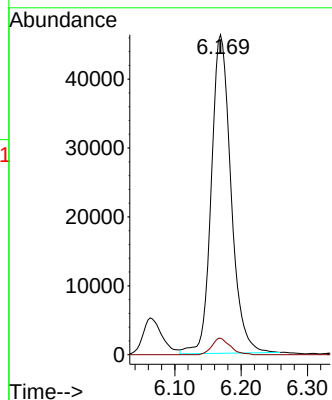
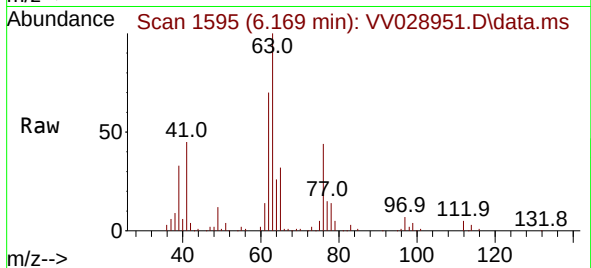
H0AE1MS

Tgt Ion: 63 Resp: 95402

Ion Ratio Lower Upper

63 100

112 4.8 4.0 6.0



#38

Bromodichloromethane

Concen: 5.296 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

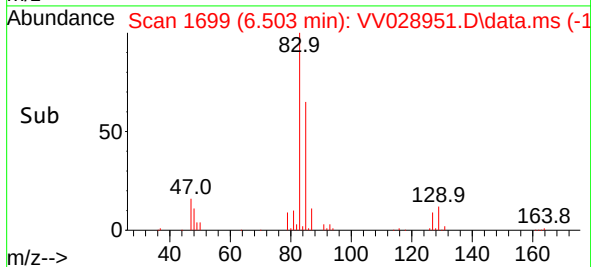
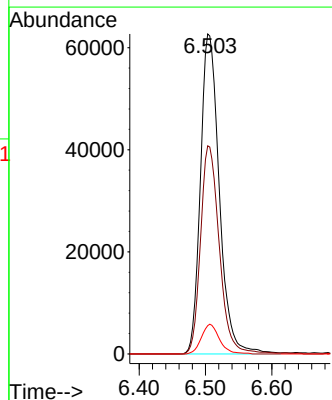
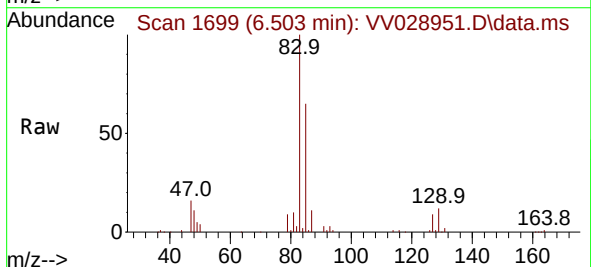
Tgt Ion: 83 Resp: 123846

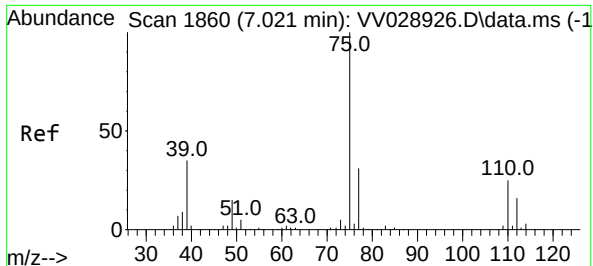
Ion Ratio Lower Upper

83 100

85 65.0 46.1 85.5

127 8.8 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 5.193 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

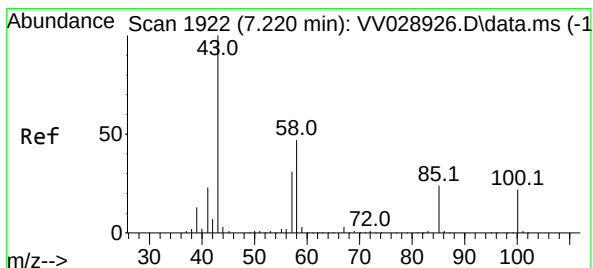
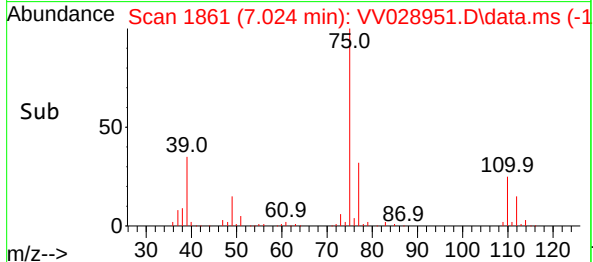
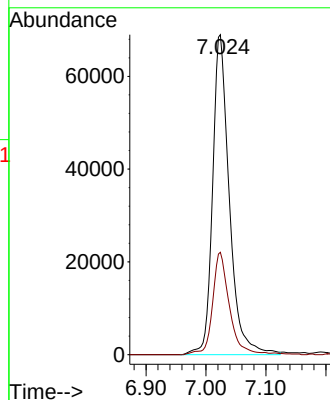
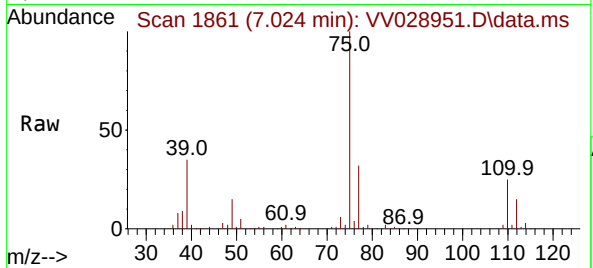
H0AE1MS

Tgt Ion: 75 Resp: 133886

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 52.371 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

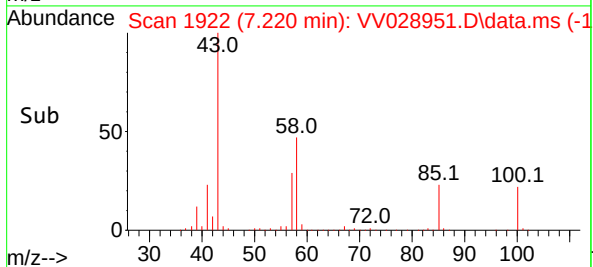
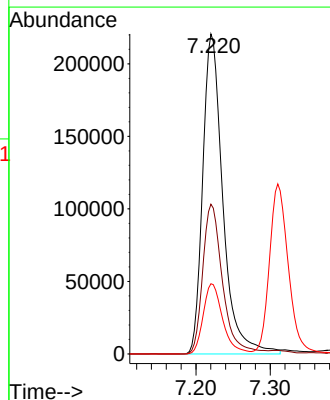
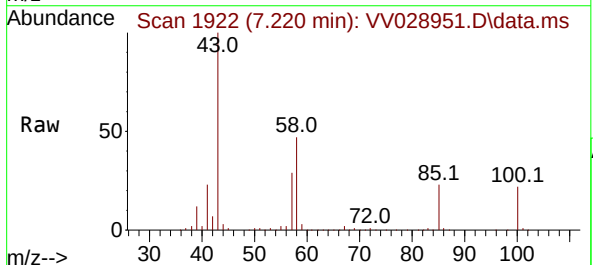
Tgt Ion: 43 Resp: 416086

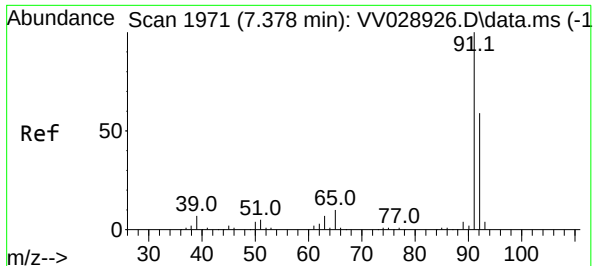
Ion Ratio Lower Upper

43 100

58 46.1 36.6 55.0

100 21.2 14.5 21.7





#42

Toluene

Concen: 5.258 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

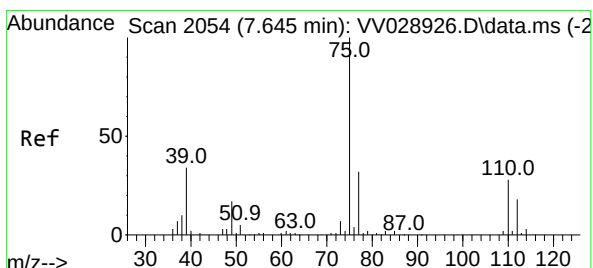
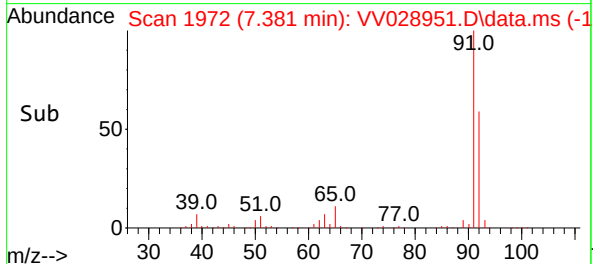
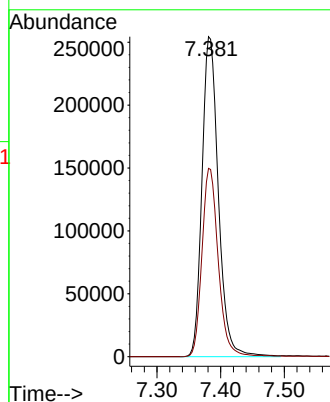
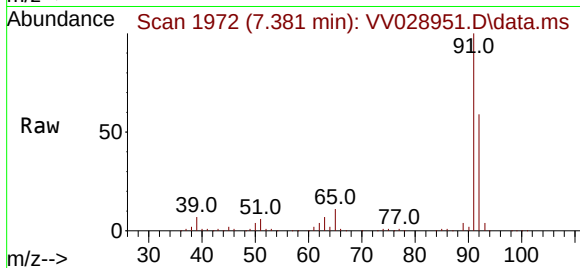
H0AE1MS

Tgt Ion: 91 Resp: 454855

Ion Ratio Lower Upper

91 100

92 58.9 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.258 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV028951.D

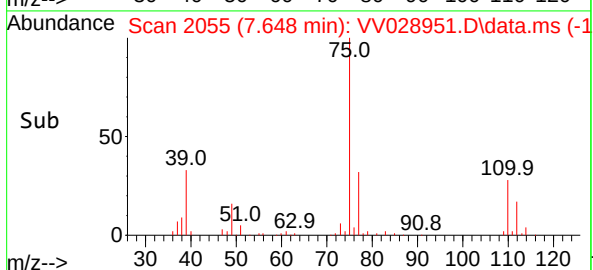
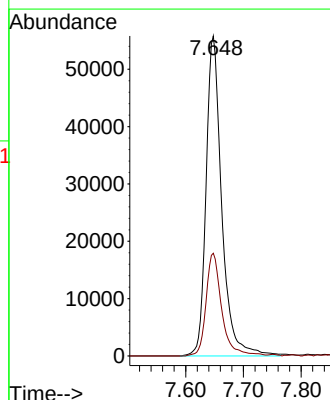
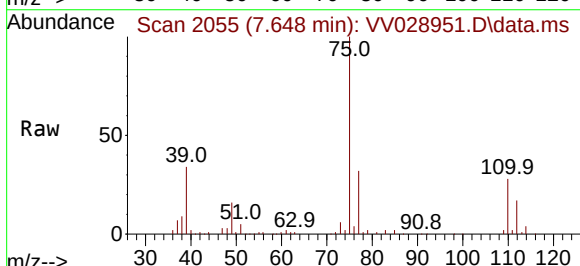
Acq: 14 Nov 2022 20:28

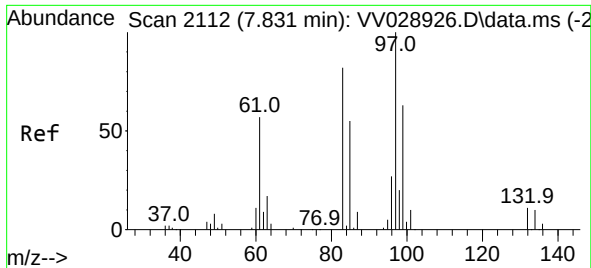
Tgt Ion: 75 Resp: 105229

Ion Ratio Lower Upper

75 100

77 32.1 22.2 41.2



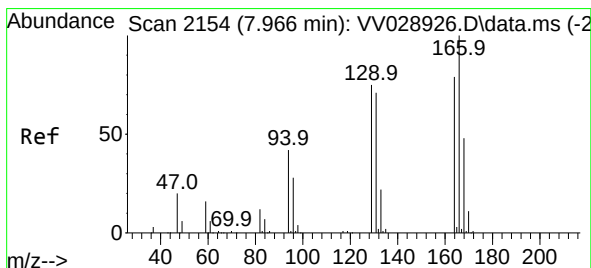
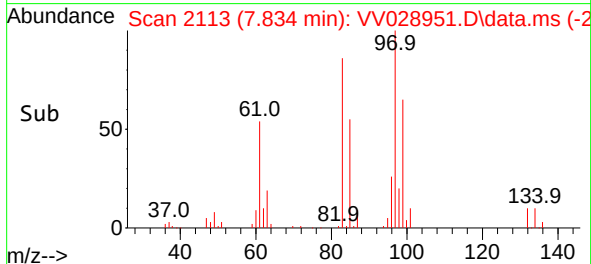
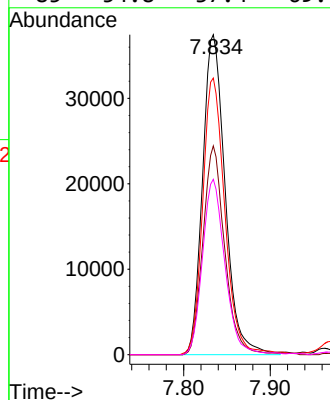
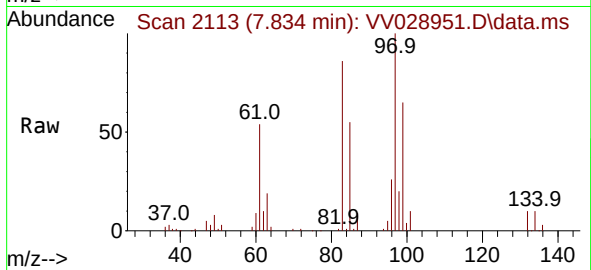


#45
1,1,2-Trichloroethane
Concen: 5.608 ug/L
RT: 7.834 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

Instrument :
MSVOA_V
ClientSampleId :
H0AE1MS

Tgt Ion: 97 Resp: 67795

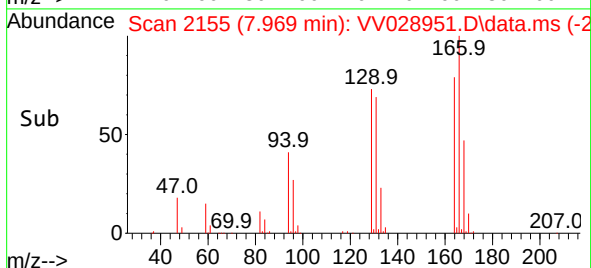
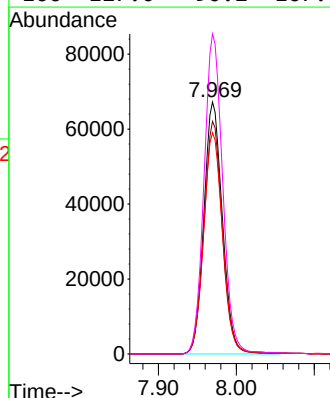
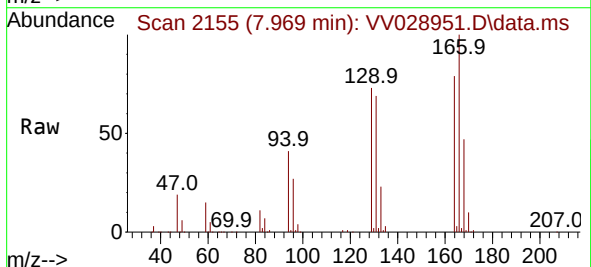
Ion	Ratio	Lower	Upper
97	100		
99	65.2	41.5	77.1
83	86.5	60.0	111.4
85	54.8	37.4	69.4

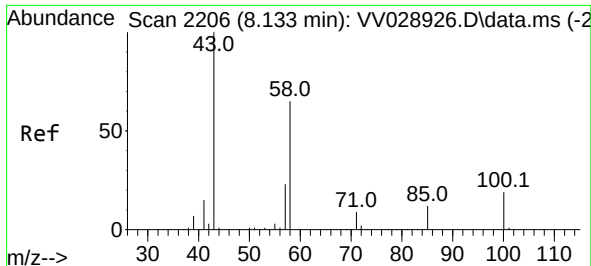


#47
Tetrachloroethene
Concen: 6.791 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

Tgt Ion: 164 Resp: 111473

Ion	Ratio	Lower	Upper
164	100		
129	92.3	63.9	118.7
131	87.8	61.8	114.8
166	127.0	90.2	167.4



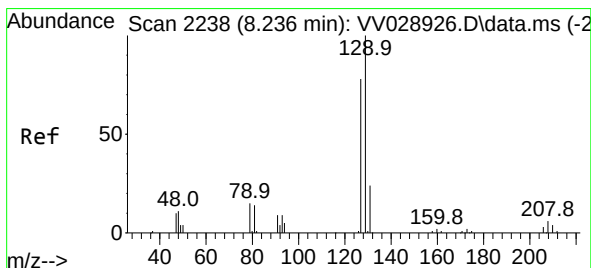
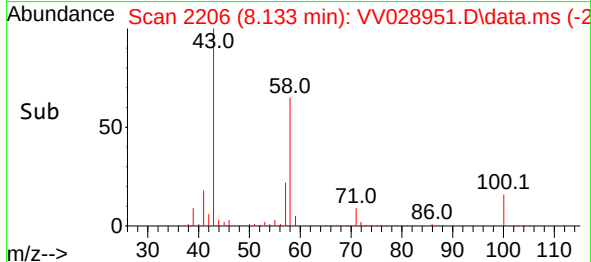
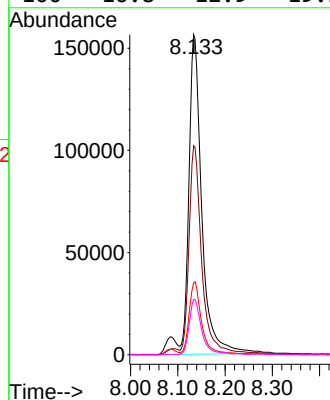
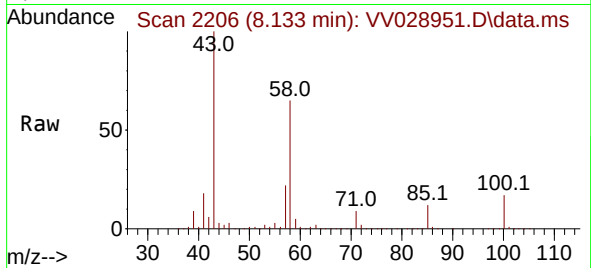


#48
2-Hexanone
Concen: 53.157 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

Instrument :
MSVOA_V
ClientSampleId :
H0AE1MS

Tgt Ion: 43 Resp: 295836

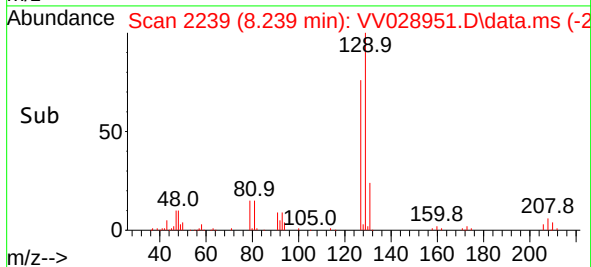
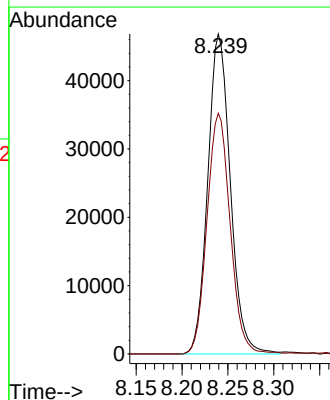
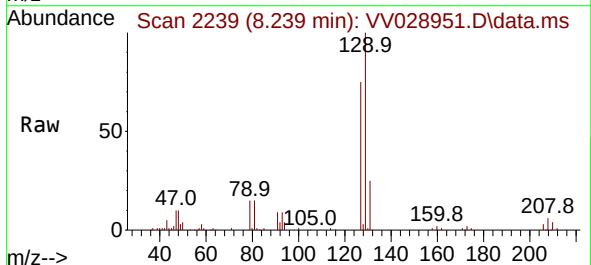
Ion	Ratio	Lower	Upper
43	100		
58	63.1	50.2	75.4
57	20.9	17.8	26.8
100	16.8	12.9	19.3

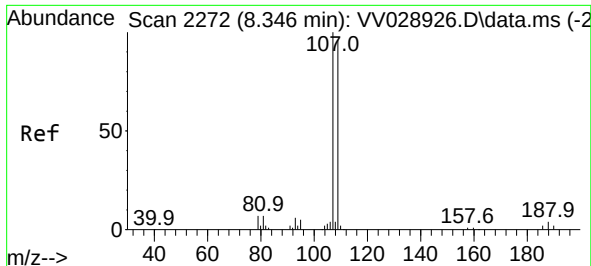


#49
Dibromochloromethane
Concen: 5.492 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

Tgt Ion: 129 Resp: 80261

Ion	Ratio	Lower	Upper
129	100		
127	75.2	54.5	101.1





#50

1,2-Dibromoethane

Concen: 5.514 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

H0AE1MS

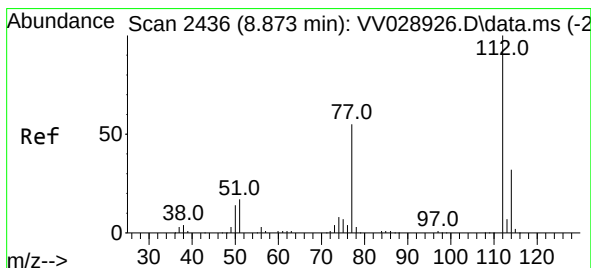
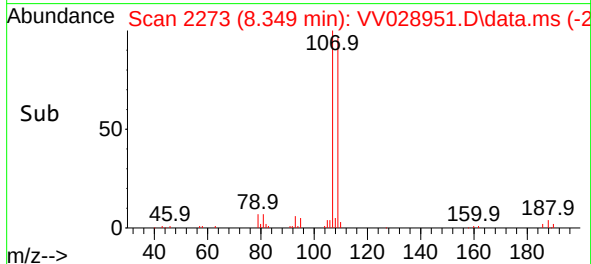
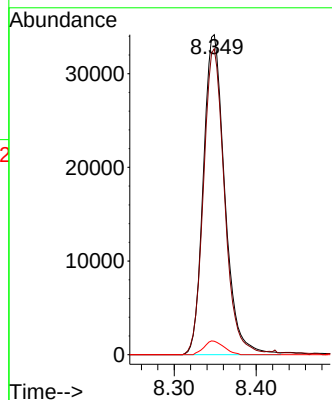
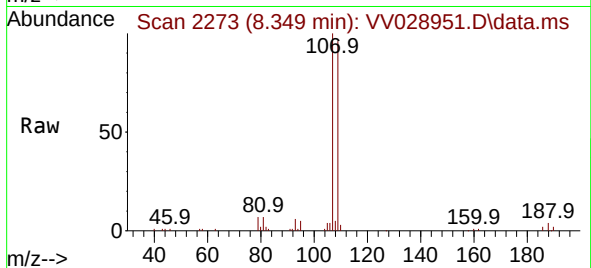
Tgt Ion:107 Resp: 61922

Ion Ratio Lower Upper

107 100

109 95.6 64.4 119.6

188 4.2 2.9 4.3



#51

Chlorobenzene

Concen: 5.436 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.003 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

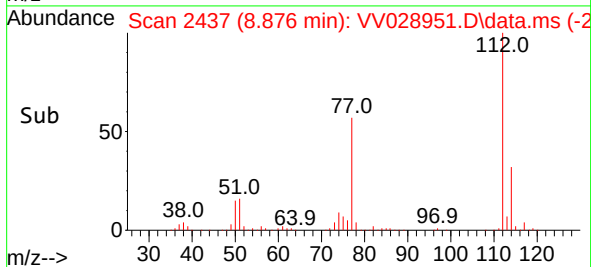
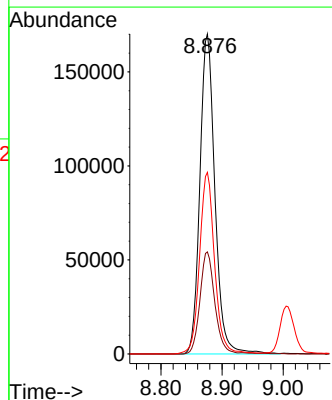
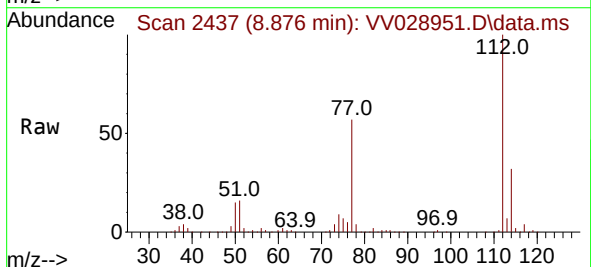
Tgt Ion:112 Resp: 290756

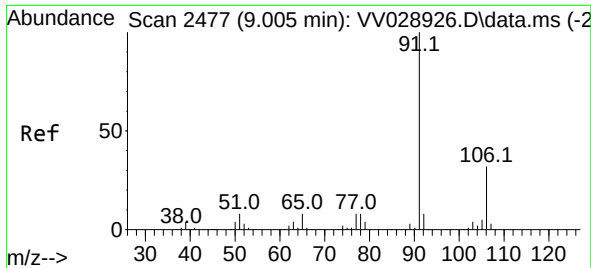
Ion Ratio Lower Upper

112 100

114 31.9 22.4 41.6

77 56.8 44.4 66.6

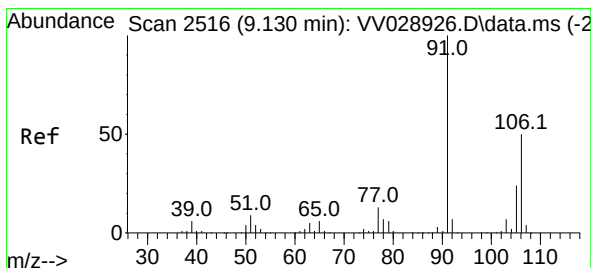
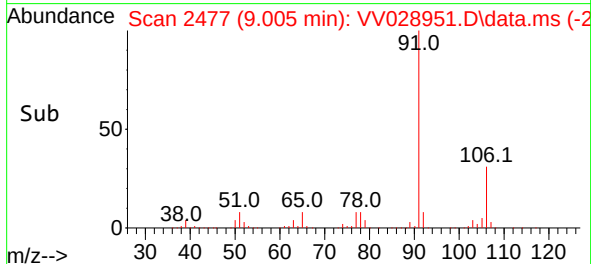
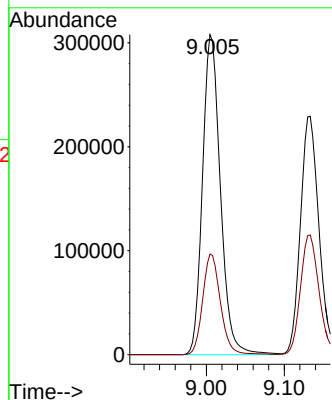
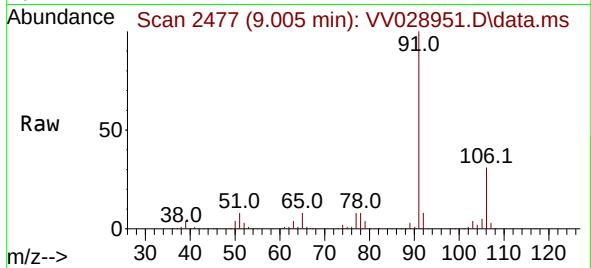




#52
Ethylbenzene
Concen: 5.457 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

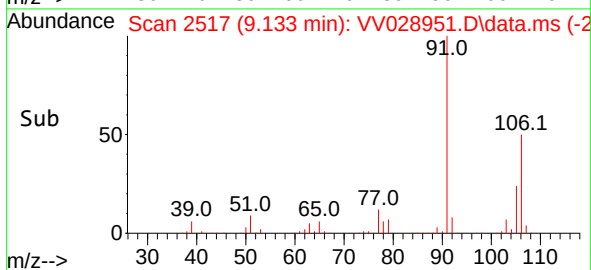
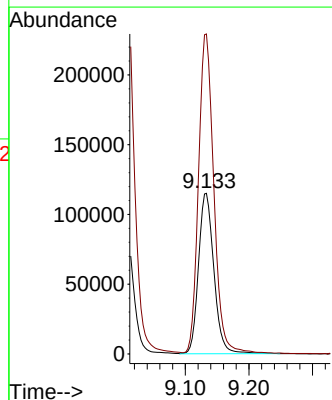
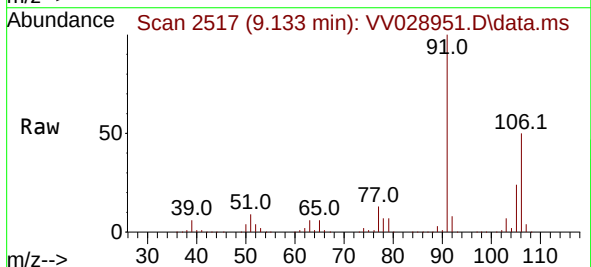
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MS

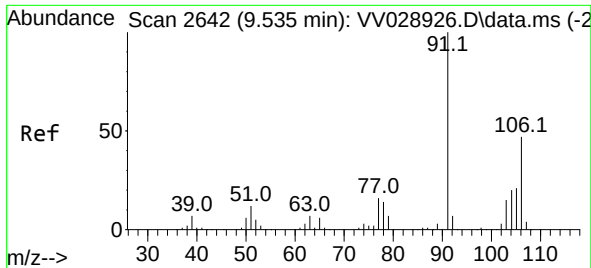
Tgt Ion: 91 Resp: 491508
Ion Ratio Lower Upper
91 100
106 31.4 21.6 40.2



#53
m,p-Xylene
Concen: 5.398 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

Tgt Ion: 106 Resp: 193371
Ion Ratio Lower Upper
106 100
91 199.2 139.1 258.3

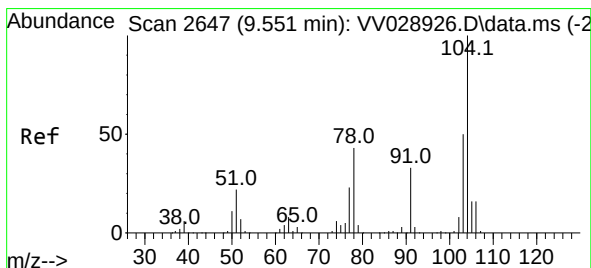
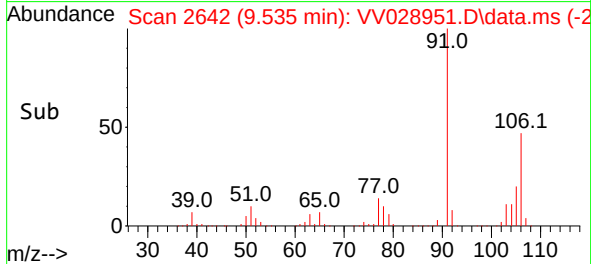
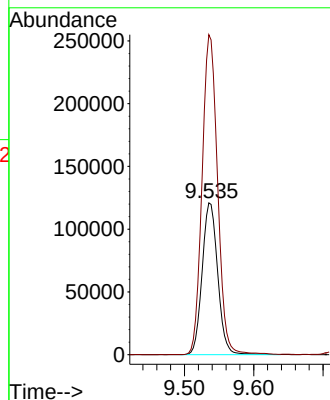
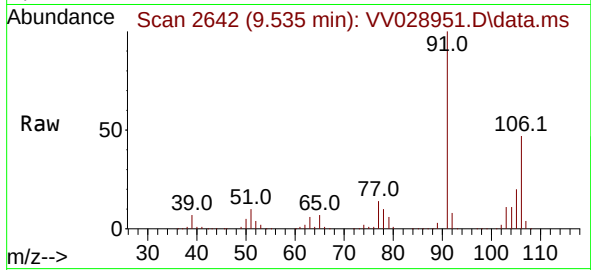




#54
o-Xylene
Concen: 5.543 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

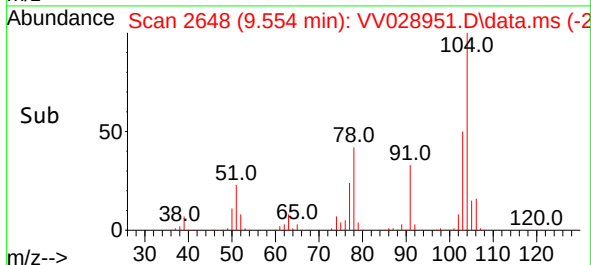
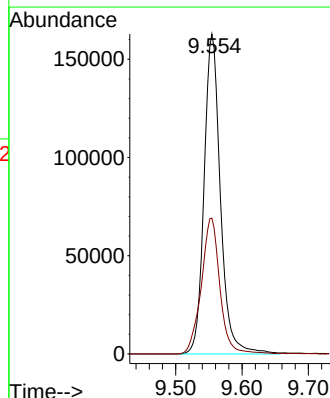
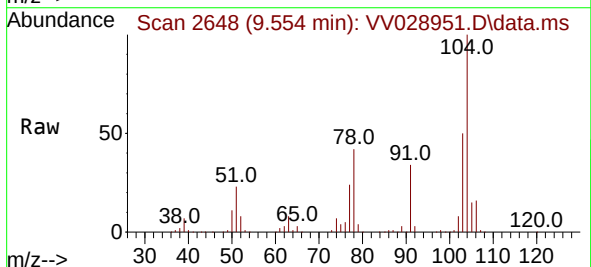
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MS

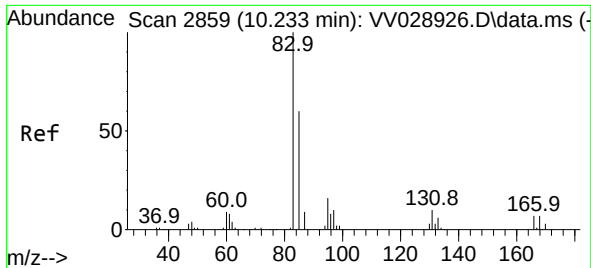
Tgt Ion:106 Resp: 188736
Ion Ratio Lower Upper
106 100
91 210.8 145.7 270.7



#55
Styrene
Concen: 4.894 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

Tgt Ion:104 Resp: 279529
Ion Ratio Lower Upper
104 100
78 42.5 30.1 55.9

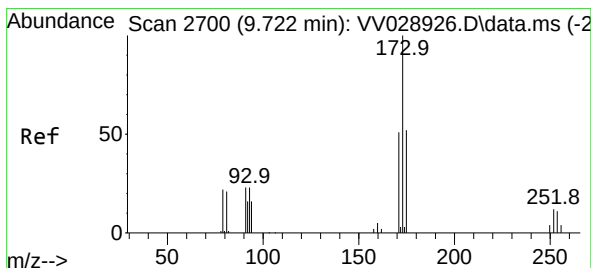
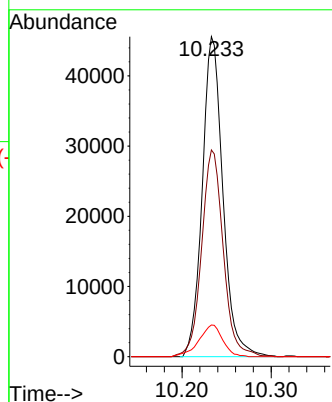
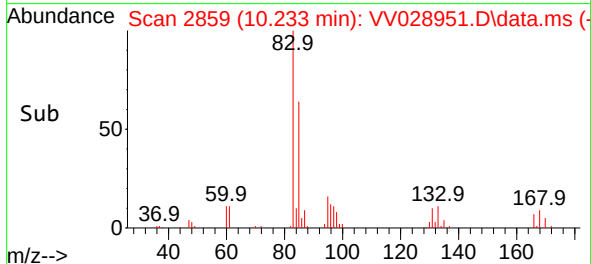
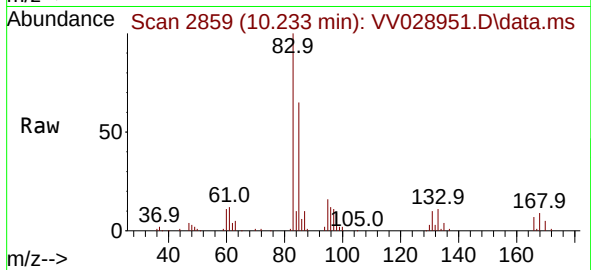




#57
1,1,2,2-Tetrachloroethane
Concen: 5.213 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

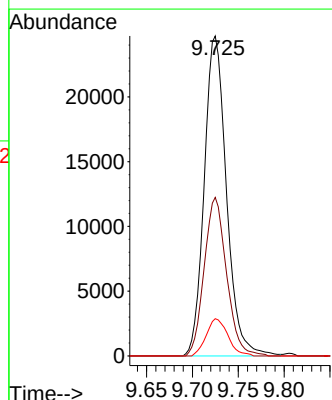
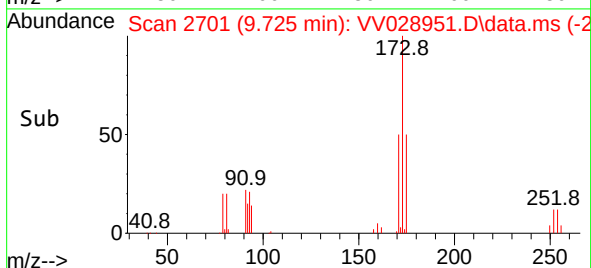
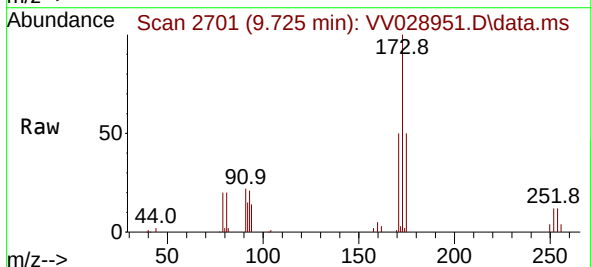
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MS

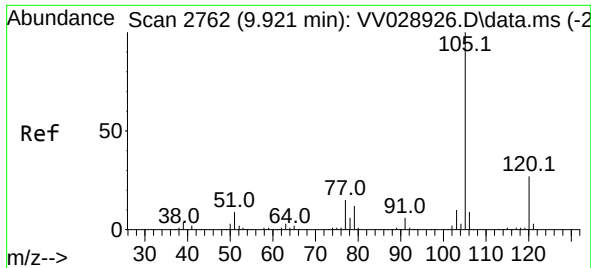
Tgt Ion: 83 Resp: 73443
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0
131 9.9 7.5 11.3



#59
Bromoform
Concen: 5.744 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

Tgt Ion: 173 Resp: 41717
Ion Ratio Lower Upper
173 100
175 49.7 38.2 57.4
254 11.4 8.5 12.7

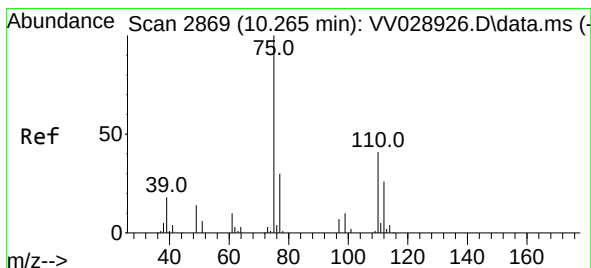
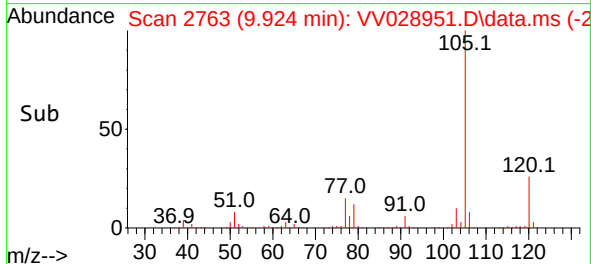
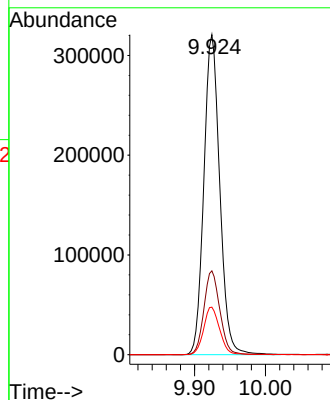
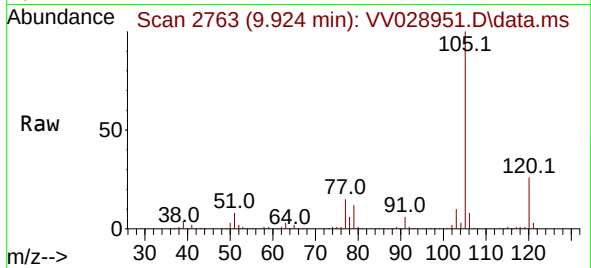




#60
Isopropylbenzene
Concen: 5.781 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

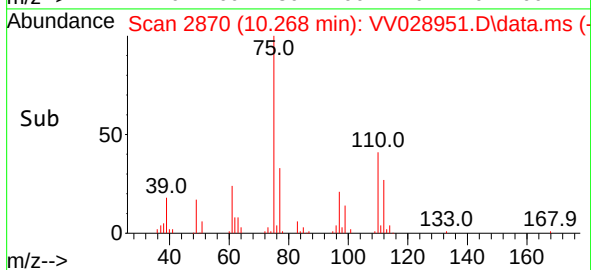
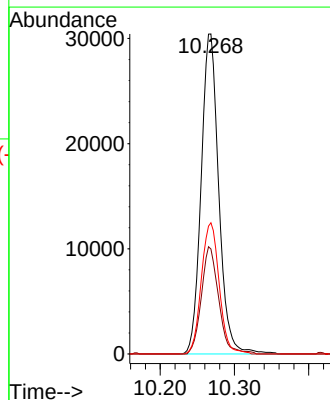
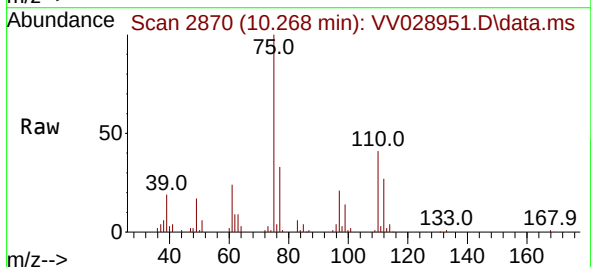
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MS

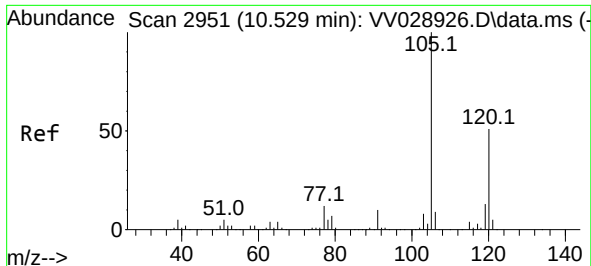
Tgt Ion:105 Resp: 499887
Ion Ratio Lower Upper
105 100
120 26.3 21.3 31.9
77 15.0 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.511 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

Tgt Ion: 75 Resp: 50167
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.2
110 41.5 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 5.520 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

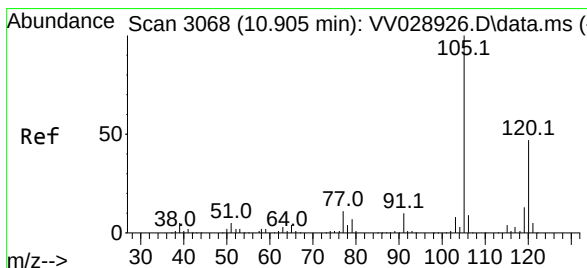
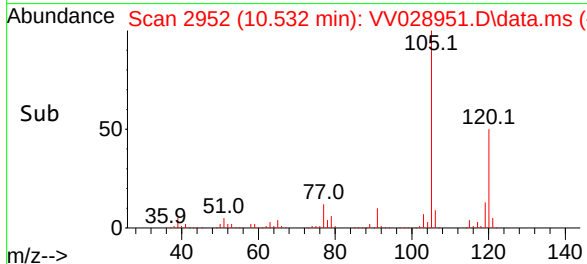
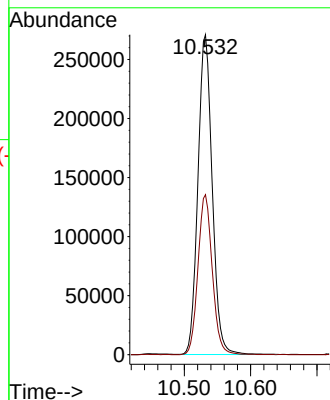
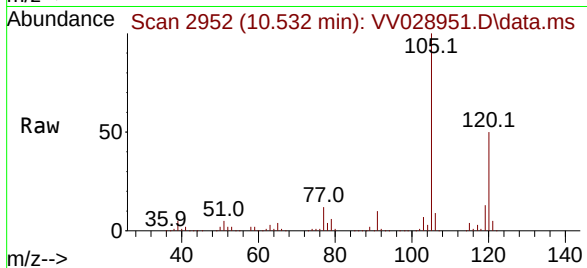
H0AE1MS

Tgt Ion:105 Resp: 404341

Ion Ratio Lower Upper

105 100

120 50.3 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.523 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV028951.D

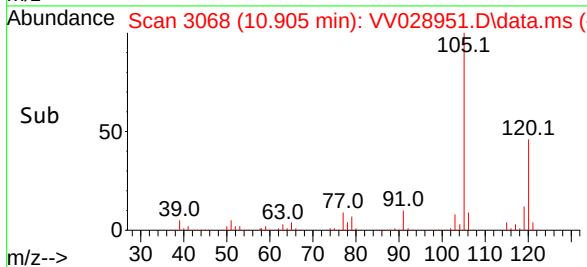
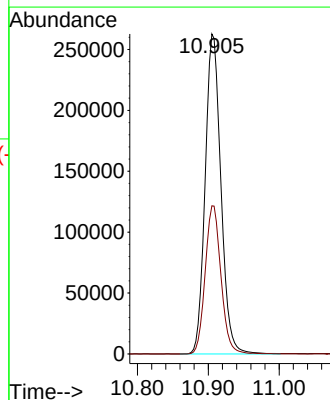
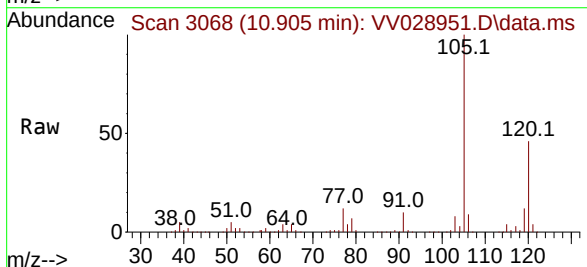
Acq: 14 Nov 2022 20:28

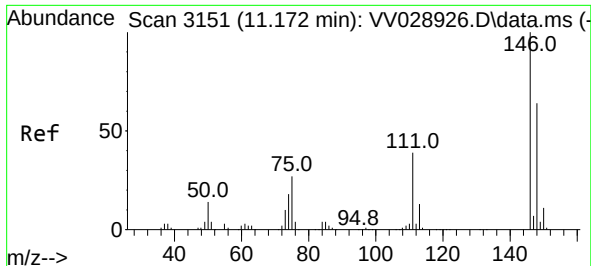
Tgt Ion:105 Resp: 405268

Ion Ratio Lower Upper

105 100

120 46.5 37.8 56.8

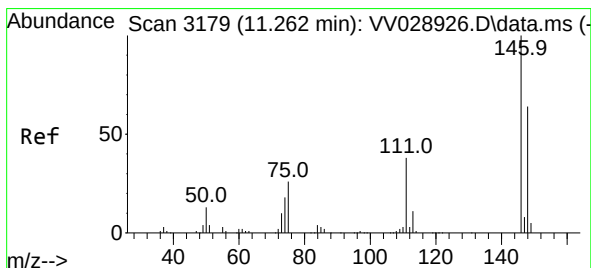
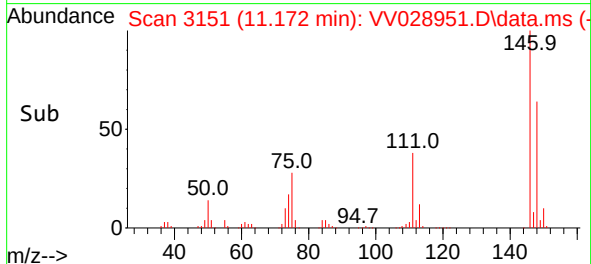
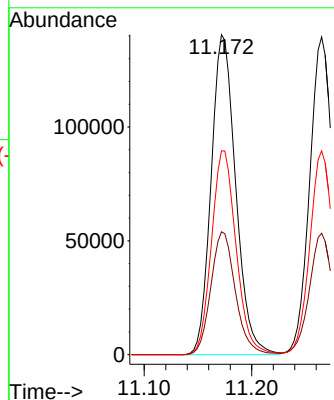
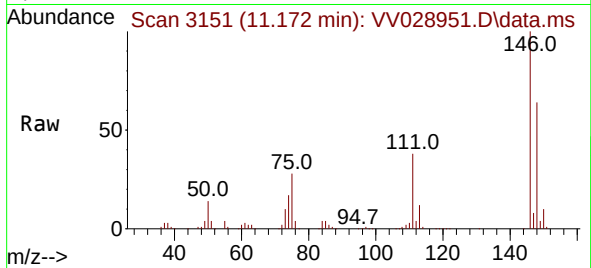




#64
 1,3-Dichlorobenzene
 Concen: 5.492 ug/L
 RT: 11.172 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VV028951.D
 Acq: 14 Nov 2022 20:28

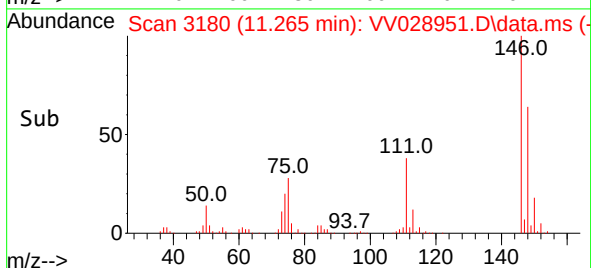
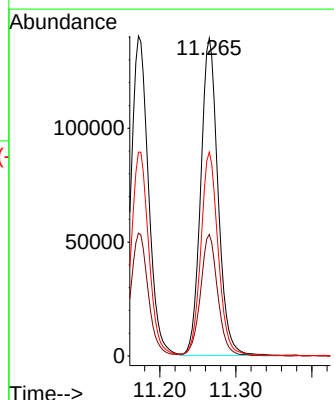
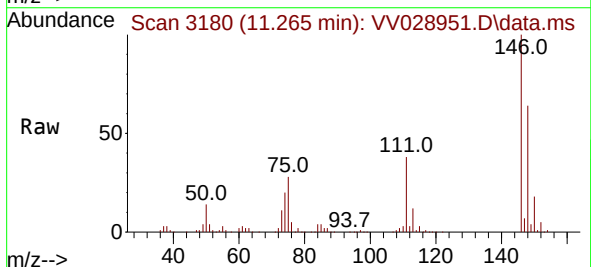
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE1MS

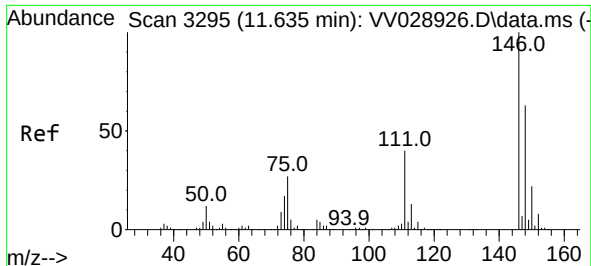
Tgt Ion:146 Resp: 223136
 Ion Ratio Lower Upper
 146 100
 111 38.4 26.9 50.1
 148 63.7 44.1 81.9



#65
 1,4-Dichlorobenzene
 Concen: 5.395 ug/L
 RT: 11.265 min Scan# 3180
 Delta R.T. 0.003 min
 Lab File: VV028951.D
 Acq: 14 Nov 2022 20:28

Tgt Ion:146 Resp: 220327
 Ion Ratio Lower Upper
 146 100
 111 38.2 26.5 49.3
 148 64.1 44.5 82.7

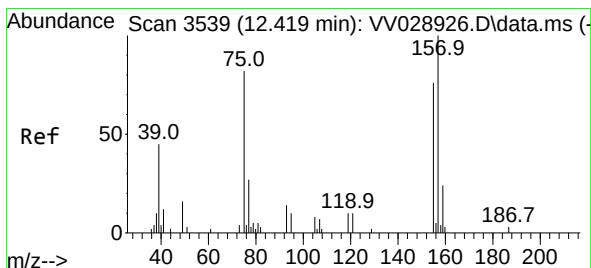
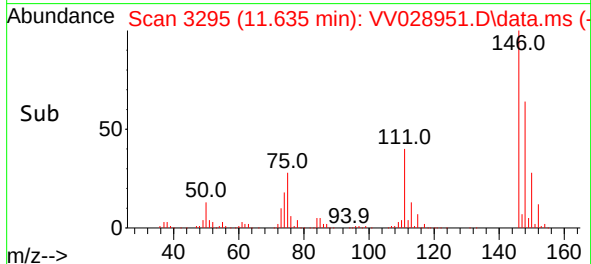
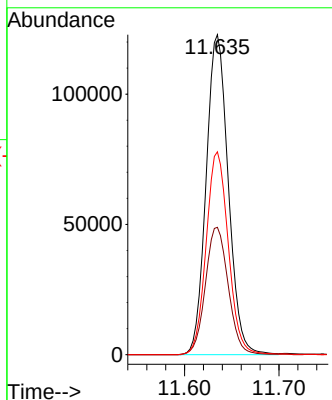
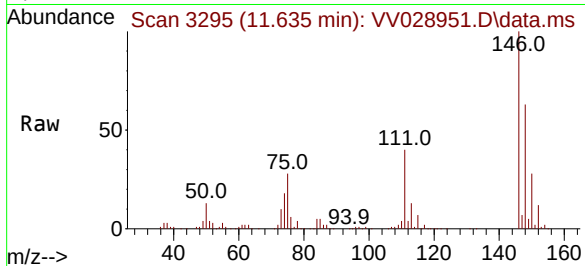




#67
1,2-Dichlorobenzene
Concen: 5.483 ug/L
RT: 11.635 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

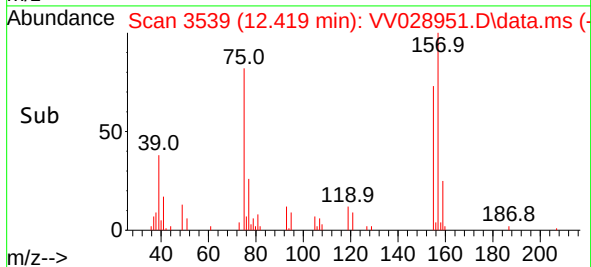
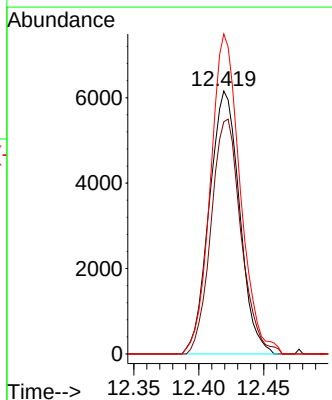
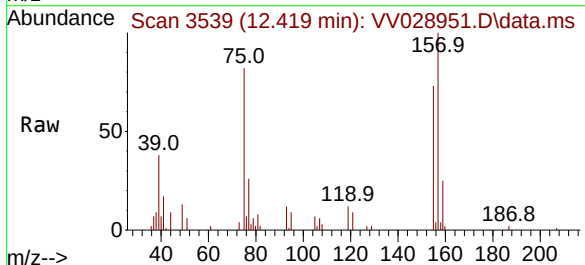
Instrument :
MSVOA_V
ClientSampleId :
H0AE1MS

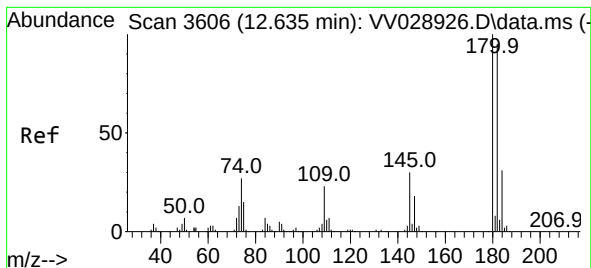
Tgt Ion:146 Resp: 200126
Ion Ratio Lower Upper
146 100
111 39.8 32.4 48.6
148 63.4 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.566 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. -0.000 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

Tgt Ion: 75 Resp: 9970
Ion Ratio Lower Upper
75 100
155 88.3 64.8 97.2
157 121.7 86.3 129.5





#69

1,3,5-Trichlorobenzene

Concen: 5.307 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. -0.000 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

H0AE1MS

Tgt Ion:180 Resp: 166357

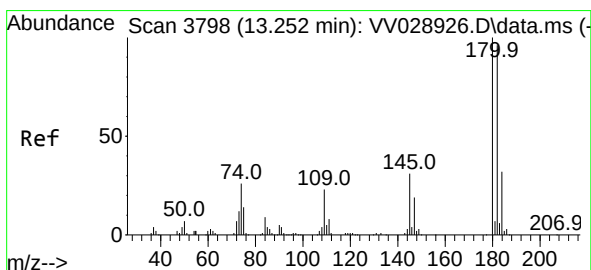
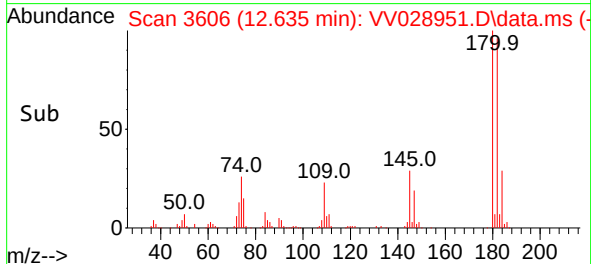
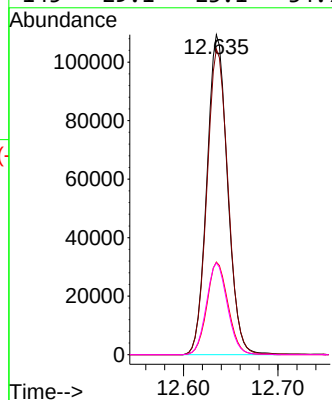
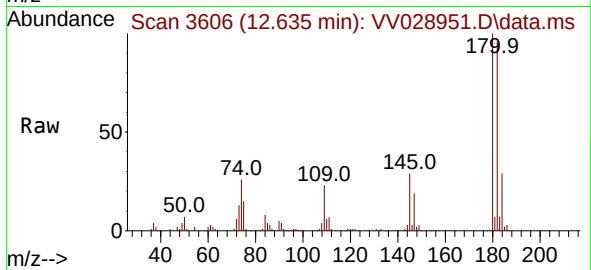
Ion Ratio Lower Upper

180 100

182 97.2 76.7 115.1

184 29.5 24.0 36.0

145 29.1 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.386 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. -0.000 min

Lab File: VV028951.D

Acq: 14 Nov 2022 20:28

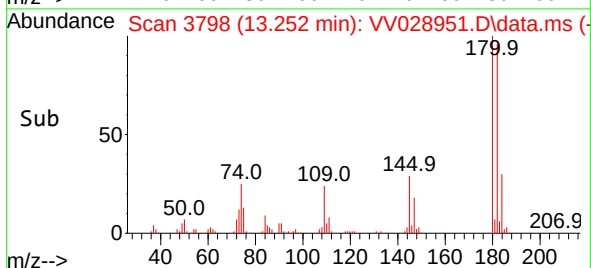
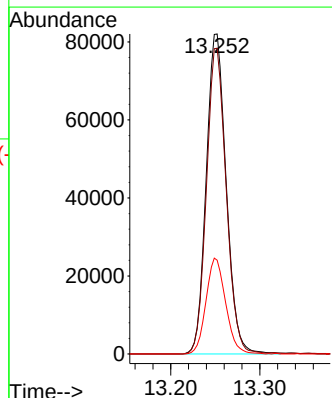
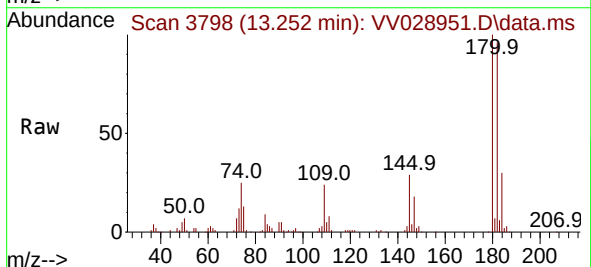
Tgt Ion:180 Resp: 127694

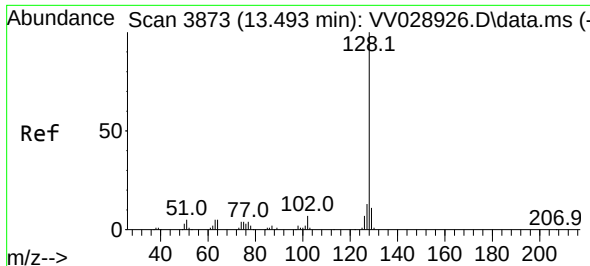
Ion Ratio Lower Upper

180 100

182 94.2 74.3 111.5

145 29.4 23.7 35.5

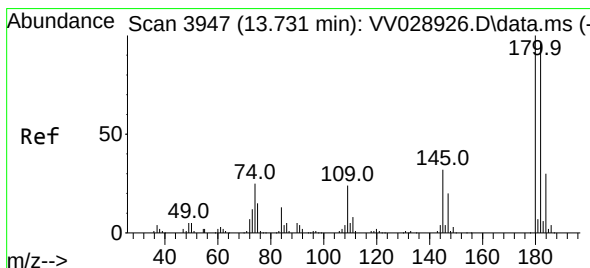
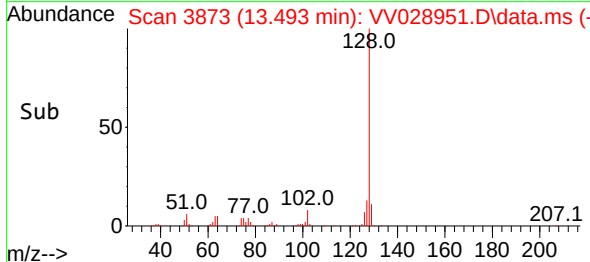
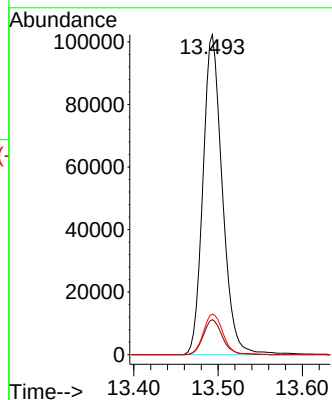
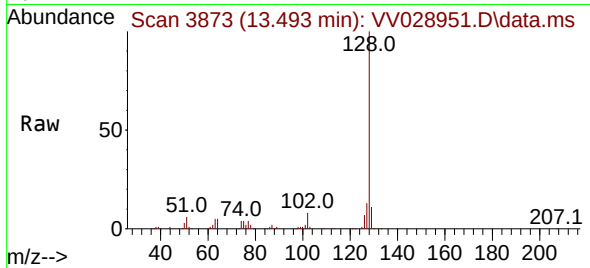




#71
Naphthalene
Concen: 5.352 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. -0.000 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

Instrument :
MSVOA_V
ClientSampleId :
H0AE1MS

Tgt Ion:128 Resp: 163710
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.9 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.405 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV028951.D
Acq: 14 Nov 2022 20:28

Tgt Ion:180 Resp: 108539
Ion Ratio Lower Upper
180 100
182 95.2 75.4 113.2
145 31.8 24.9 37.3

