

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072322\
 Data File : VW026931.D
 Acq On : 23 Jul 2022 20:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5D17ME

Quant Time: Jul 25 02:10:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 25 02:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	568013	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	584597	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	320128	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	211672	44.432	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.860%		
7) Chloroethane-d5	1.561	69	179700	46.626	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.260%		
11) 1,1-Dichloroethene-d2	2.104	63	395295	46.121	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.240%		
21) 2-Butanone-d5	3.883	46	348196	108.434	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.430%		
24) Chloroform-d	4.342	84	460345	49.099	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.200%		
26) 1,2-Dichloroethane-d4	5.027	65	264230	49.268	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.540%		
32) Benzene-d6	5.047	84	885383	50.103	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.200%		
36) 1,2-Dichloropropane-d6	6.066	67	279893	49.149	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.300%		
41) Toluene-d8	7.313	98	799713	51.723	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.440%		
43) trans-1,3-Dichloroprop...	7.619	79	98231	41.167	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.340%		
47) 2-Hexanone-d5	8.088	63	270452	109.071	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.070%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	435880	50.384	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.760%		
66) 1,2-Dichlorobenzene-d4	11.622	152	302085	50.299	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	269201	45.876	ug/L	99
3) Chloromethane	1.240	50	258778	47.158	ug/L	98
5) Vinyl chloride	1.307	62	281836	48.315	ug/L	98
6) Bromomethane	1.516	94	166271	47.173	ug/L	99
8) Chloroethane	1.580	64	166031	48.438	ug/L	98
9) Trichlorofluoromethane	1.748	101	377141	46.912	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	210652	44.802	ug/L	99
12) 1,1-Dichloroethene	2.114	96	210096	47.838	ug/L	91
13) Acetone	2.175	43	234564	104.033	ug/L	98
14) Carbon disulfide	2.288	76	574926	45.882	ug/L	100
15) Methyl Acetate	2.429	43	256028	51.482	ug/L	99
16) Methylene chloride	2.500	84	276056	49.311	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	225424	48.576	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	676951	52.512	ug/L	100
19) 1,1-Dichloroethane	3.185	63	427873	50.064	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	250574	51.235	ug/L	97
22) 2-Butanone	3.966	43	344248	111.946	ug/L	99
23) Bromochloromethane	4.243	128	141754	50.618	ug/L	99
25) Chloroform	4.371	83	451075	49.485	ug/L	99

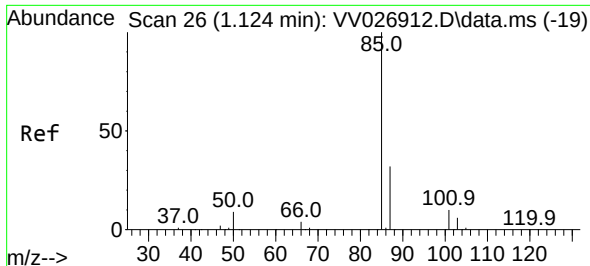
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072322\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	323892	50.355	ug/L	99
29) Cyclohexane	4.674	56	308071	50.394	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	383704	49.678	ug/L	100
31) Carbon tetrachloride	4.821	117	326270	48.245	ug/L	99
33) Benzene	5.095	78	990374	52.679	ug/L	100
34) Trichloroethene	5.911	95	233727	48.380	ug/L	99
35) Methylcyclohexane	6.130	83	336804	47.085	ug/L	99
37) 1,2-Dichloropropane	6.172	63	258181	52.765	ug/L	99
38) Bromodichloromethane	6.506	83	324546	48.935	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	285801	42.087	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	648703	111.404	ug/L	98
42) Toluene	7.384	91	1042559	54.330	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	281018	41.963	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	264323	50.726	ug/L	99
46) Tetrachloroethene	7.972	164	176551	46.848	ug/L	97
48) 2-Hexanone	8.136	43	525008	115.845	ug/L	98
49) Dibromochloromethane	8.243	129	263298	48.345	ug/L	99
50) 1,2-Dibromoethane	8.349	107	272919	51.193	ug/L	99
51) Chlorobenzene	8.879	112	659348	49.294	ug/L	100
52) Ethylbenzene	9.011	91	1029492	51.685	ug/L	100
53) m,p-Xylene	9.136	106	415355	53.256	ug/L	100
54) o-Xylene	9.541	106	402296	53.558	ug/L	98
55) Styrene	9.558	104	747681	56.362	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	432305	51.396	ug/L	100
59) Bromoform	9.728	173	175991	49.207	ug/L	100
60) Isopropylbenzene	9.931	105	1021799	54.011	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	335346	52.204	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	829161	53.927	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	843750	54.710	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	489282	50.619	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	505486	49.353	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	515624	51.993	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	85488	49.812	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	308117	45.027	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	258506	44.836	ug/L	100
71) Naphthalene	13.500	128	935940	51.622	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	302249	50.256	ug/L	100

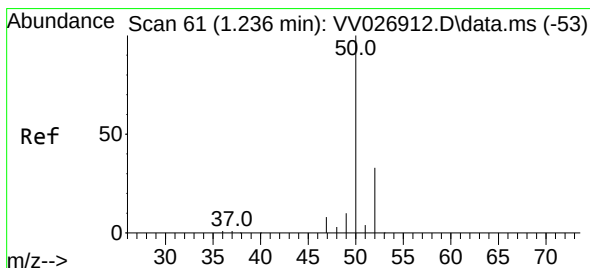
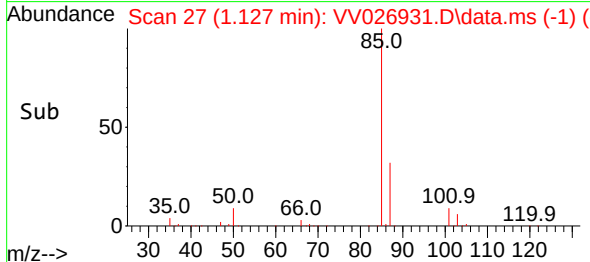
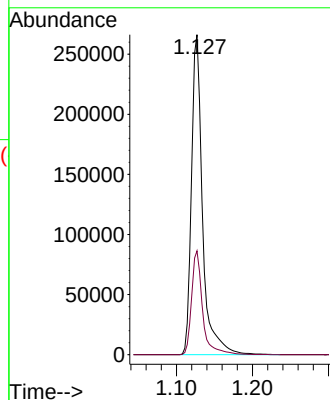
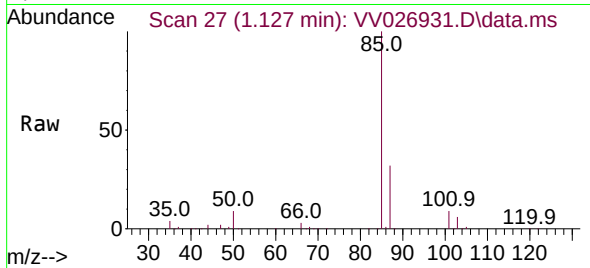
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#2
 Dichlorodifluoromethane
 Concen: 45.876 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026931.D
 Acq: 23 Jul 2022 20:32

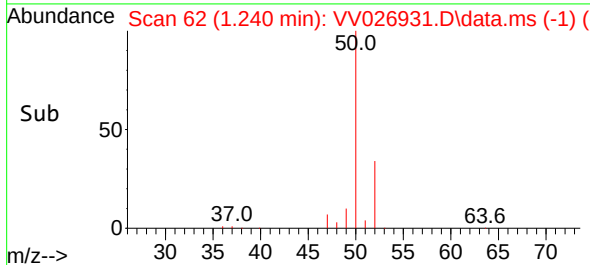
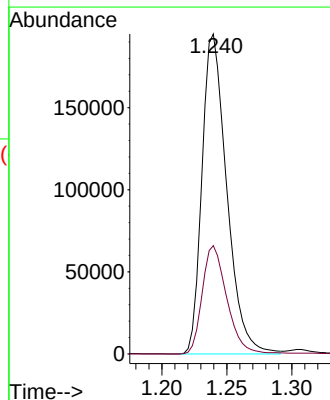
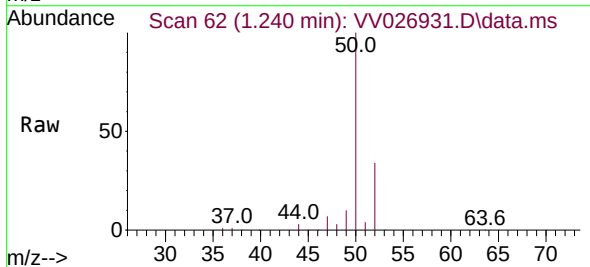
Instrument :
 MSVOA_V
 ClientSampleId :
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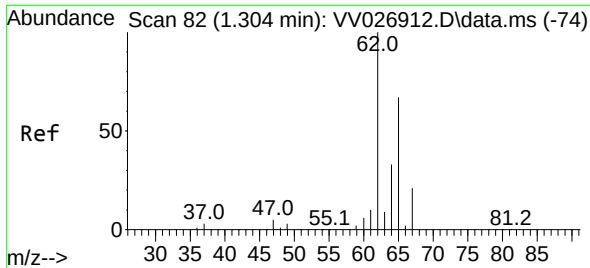
Tgt Ion: 85 Resp: 269201
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.1 39.1



#3
 Chloromethane
 Concen: 47.158 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026931.D
 Acq: 23 Jul 2022 20:32

Tgt Ion: 50 Resp: 258778
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.1 42.9

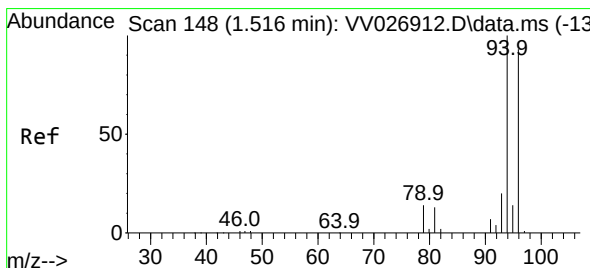
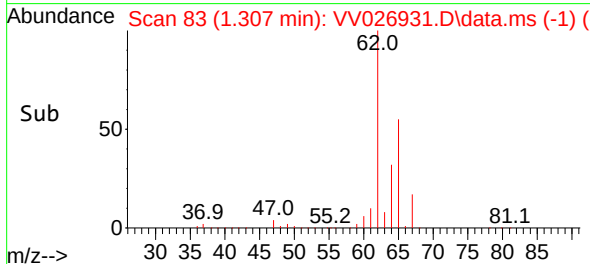
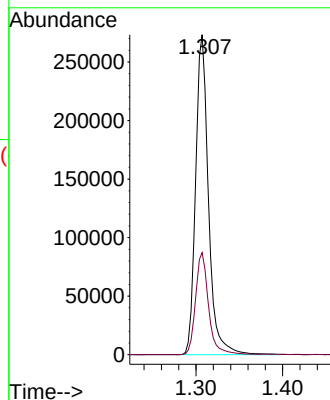
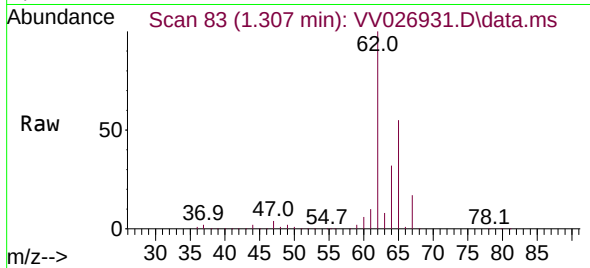




#5
 Vinyl chloride
 Concen: 48.315 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026931.D
 Acq: 23 Jul 2022 20:32

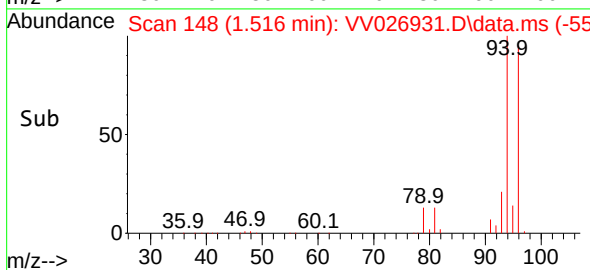
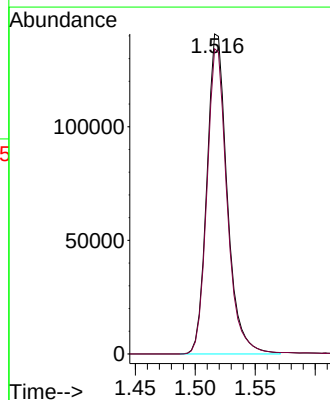
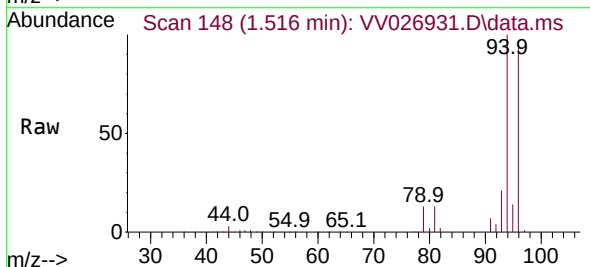
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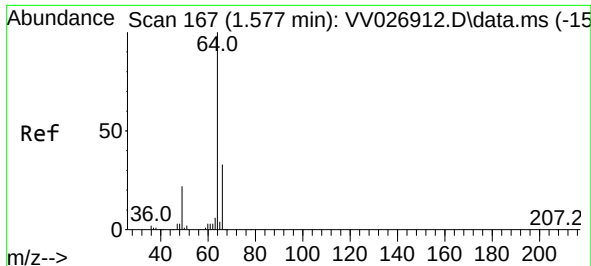
Tgt Ion: 62 Resp: 281836
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.0 42.6



#6
 Bromomethane
 Concen: 47.173 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV026931.D
 Acq: 23 Jul 2022 20:32

Tgt Ion: 94 Resp: 166271
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.8 122.2

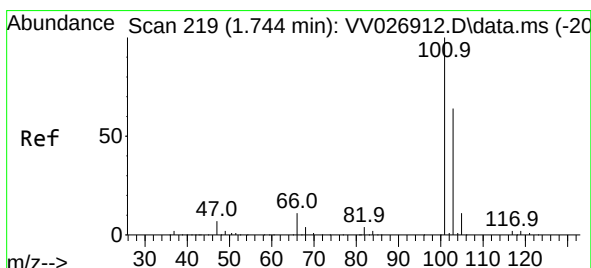
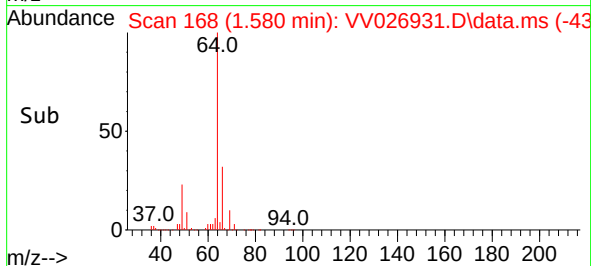
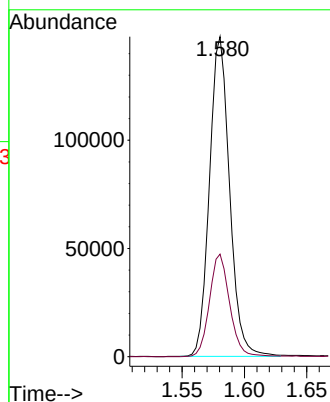
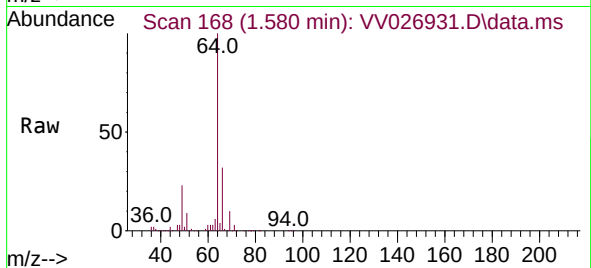




#8
Chloroethane
Concen: 48.438 ug/L
RT: 1.580 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

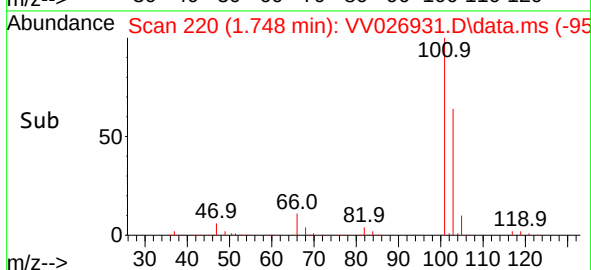
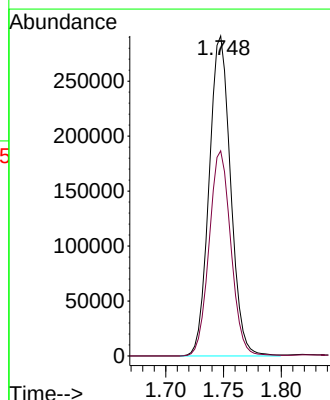
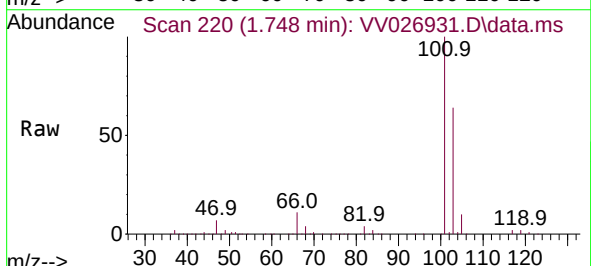
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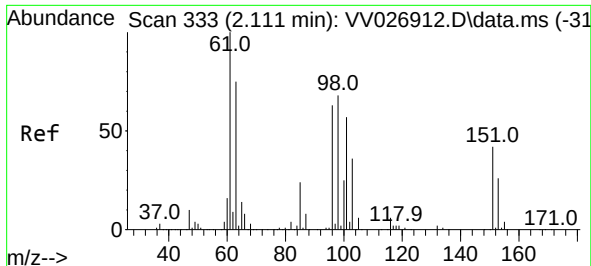
Tgt Ion: 64 Resp: 166031
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.0



#9
Trichlorofluoromethane
Concen: 46.912 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

Tgt Ion:101 Resp: 377141
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8

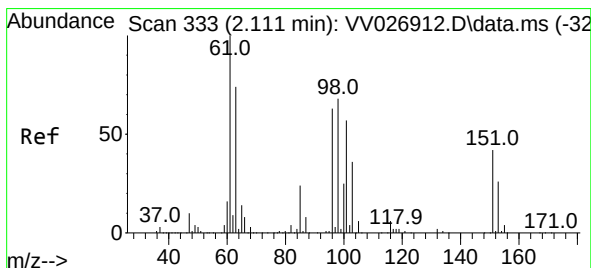
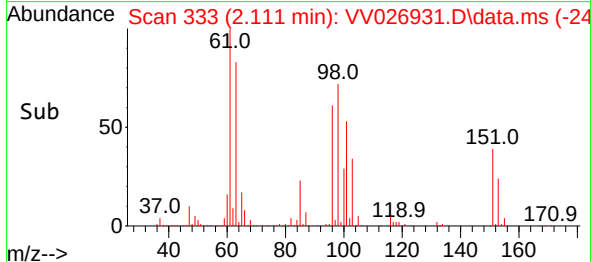
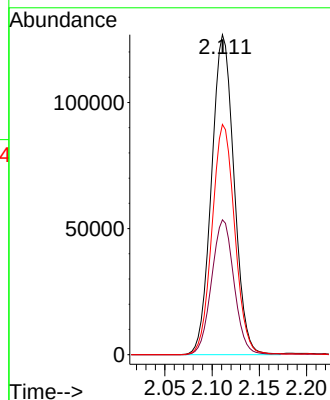
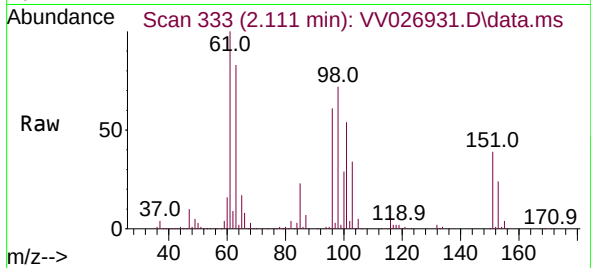




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.802 ug/L
 RT: 2.111 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026931.D
 Acq: 23 Jul 2022 20:32

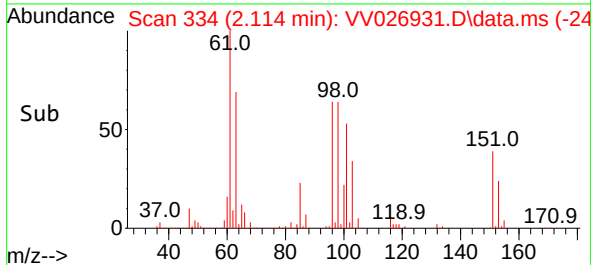
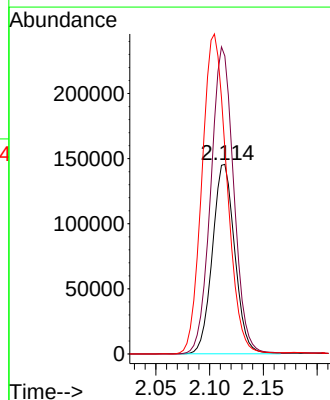
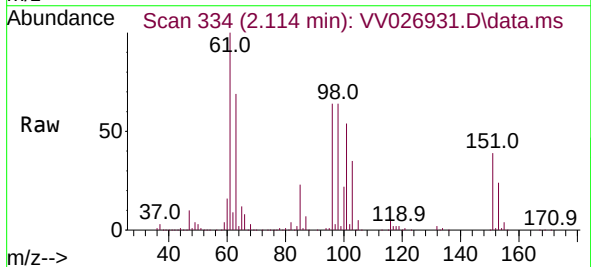
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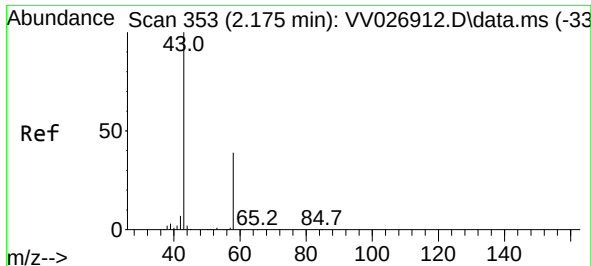
Tgt Ion:101 Resp: 210652
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.1 49.7
 151 72.3 57.1 85.7



#12
 1,1-Dichloroethene
 Concen: 47.838 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV026931.D
 Acq: 23 Jul 2022 20:32

Tgt Ion: 96 Resp: 210096
 Ion Ratio Lower Upper
 96 100
 61 157.1 114.2 212.0
 63 108.6 87.0 161.6





#13

Acetone

Concen: 104.033 ug/L

RT: 2.175 min Scan# 353

Delta R.T. -0.000 min

Lab File: VV026931.D

Acq: 23 Jul 2022 20:32

Instrument :

MSVOA_V

ClientSampleId :

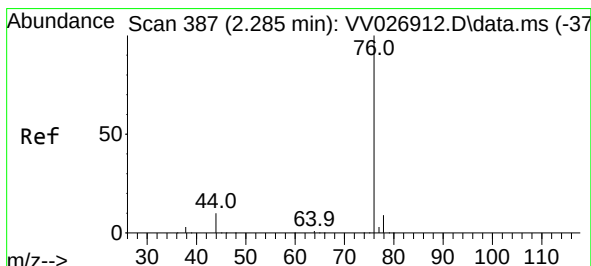
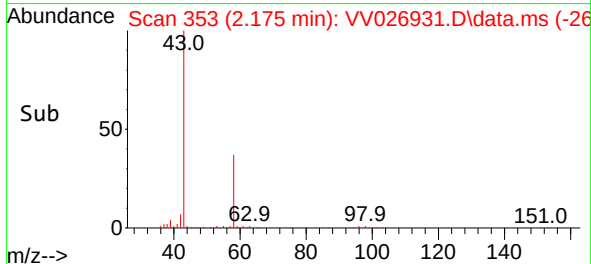
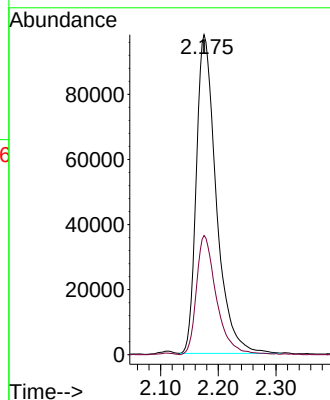
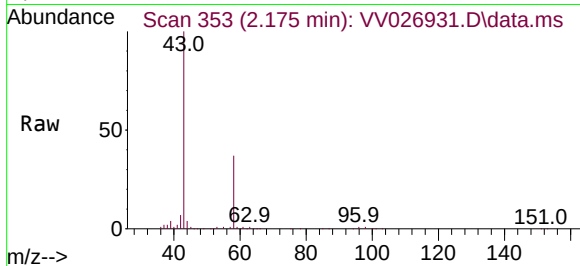
F5D17ME

Tgt Ion: 43 Resp: 234564

Ion Ratio Lower Upper

43 100

58 37.4 0.0 72.6



#14

Carbon disulfide

Concen: 45.882 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV026931.D

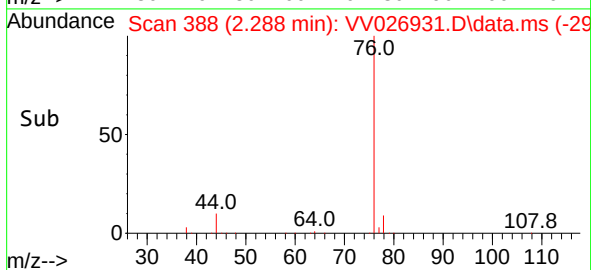
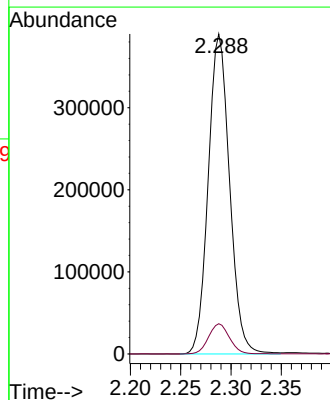
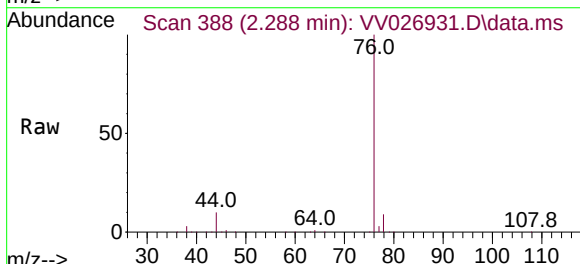
Acq: 23 Jul 2022 20:32

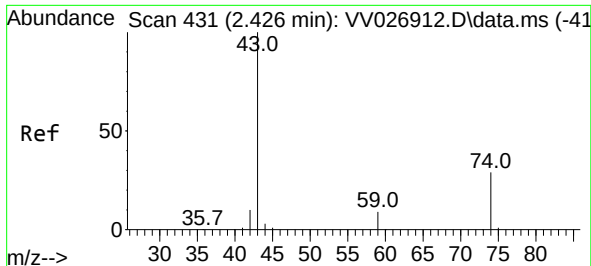
Tgt Ion: 76 Resp: 574926

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2

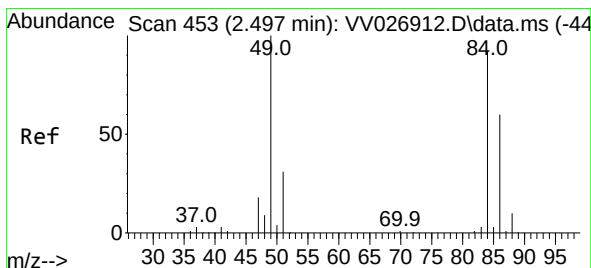
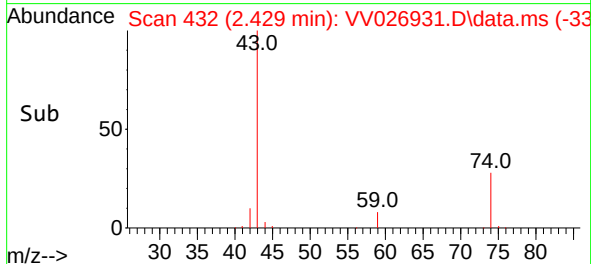
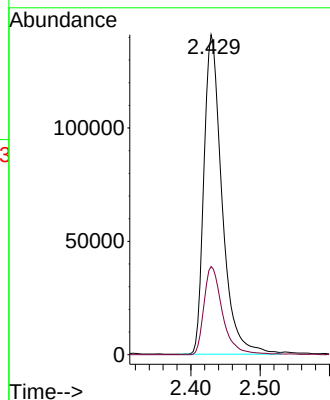
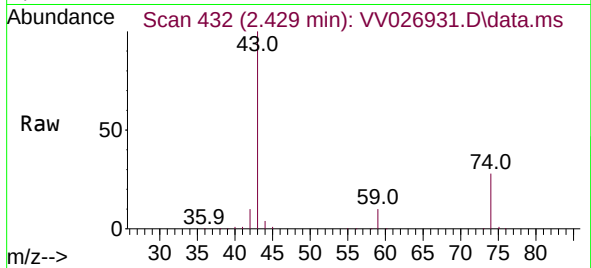




#15
Methyl Acetate
Concen: 51.482 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

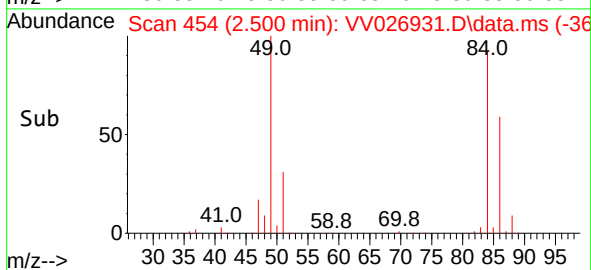
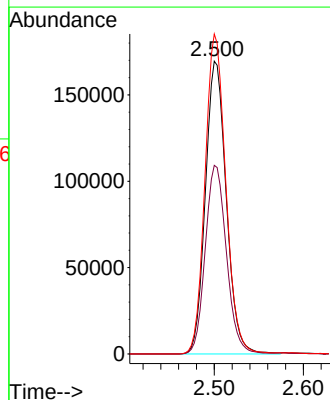
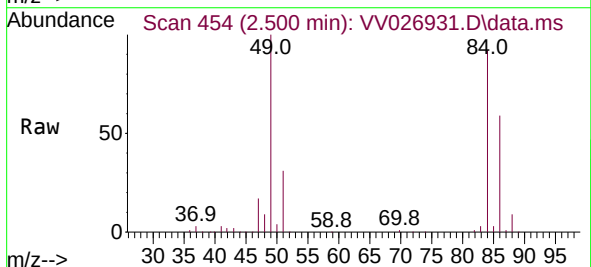
Instrument :
MSVOA_V
ClientSampleId :
F5D17ME

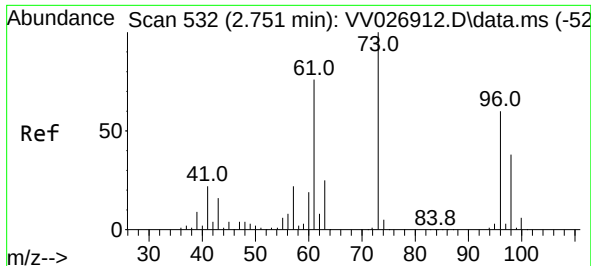
Tgt Ion: 43 Resp: 256028
Ion Ratio Lower Upper
43 100
74 28.1 22.1 33.1



#16
Methylene chloride
Concen: 49.311 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

Tgt Ion: 84 Resp: 276056
Ion Ratio Lower Upper
84 100
86 64.4 44.5 82.7
49 109.3 75.0 139.2

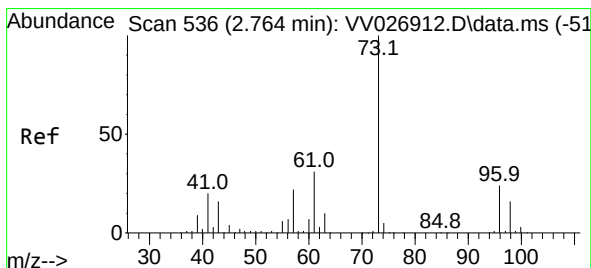
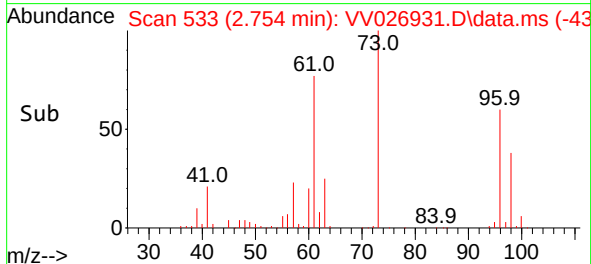
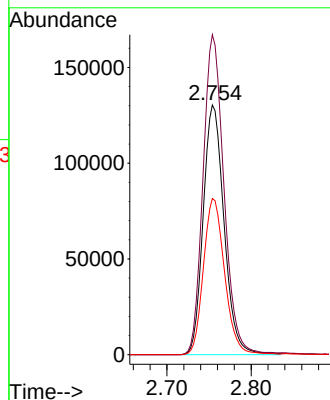
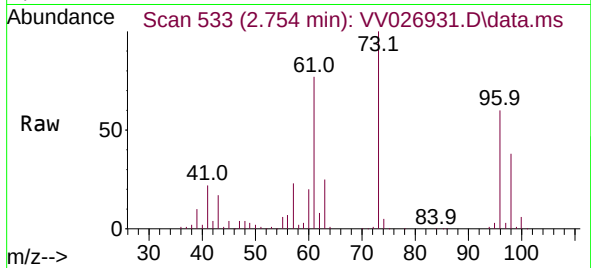




#17
trans-1,2-Dichloroethene
Concen: 48.576 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

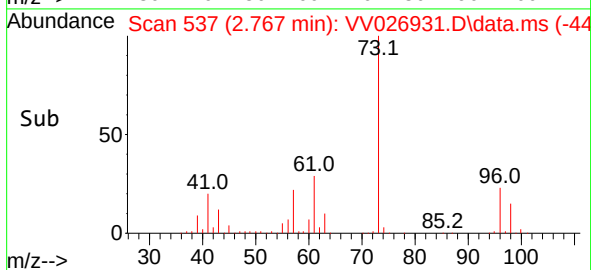
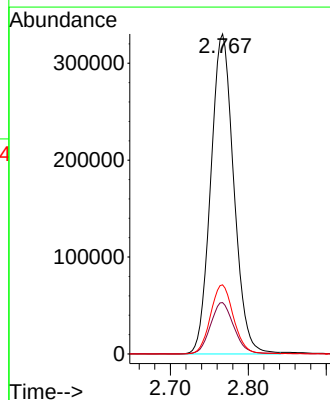
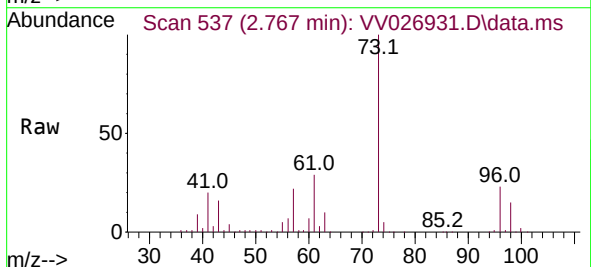
Instrument :
MSVOA_V
ClientSampleId :
F5D17ME

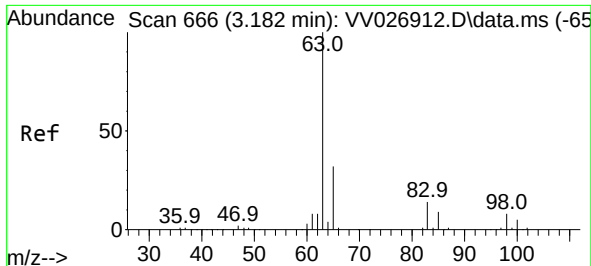
Tgt Ion: 96 Resp: 225424
Ion Ratio Lower Upper
96 100
61 128.1 89.2 165.6
98 62.5 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 52.512 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

Tgt Ion: 73 Resp: 676951
Ion Ratio Lower Upper
73 100
43 16.2 12.8 19.2
57 21.7 17.3 25.9





#19

1,1-Dichloroethane

Concen: 50.064 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026931.D

Acq: 23 Jul 2022 20:32

Instrument :

MSVOA_V

ClientSampleId :

F5D17ME

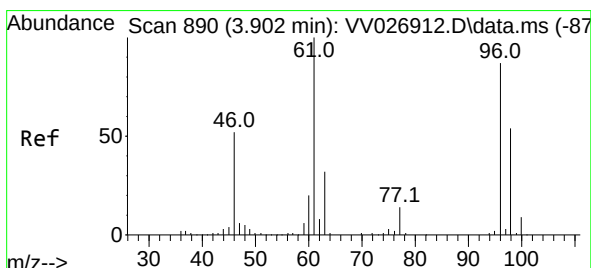
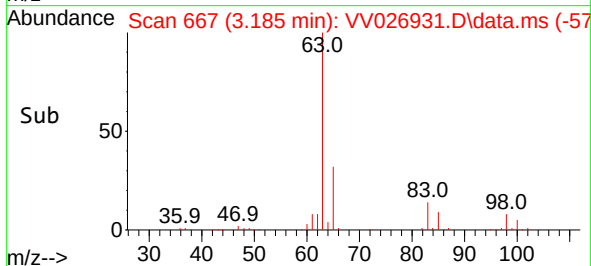
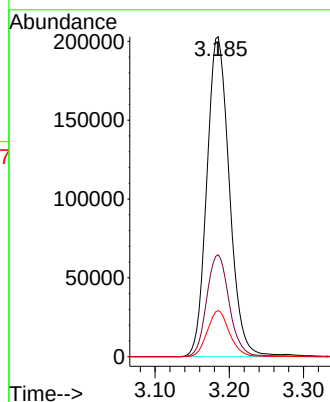
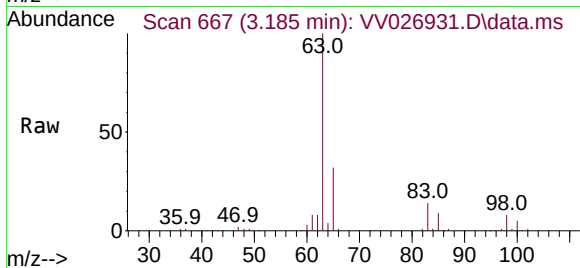
Tgt Ion: 63 Resp: 427873

Ion Ratio Lower Upper

63 100

65 31.8 22.6 42.0

83 14.4 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 51.235 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV026931.D

Acq: 23 Jul 2022 20:32

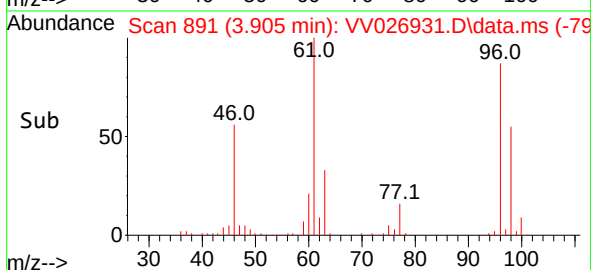
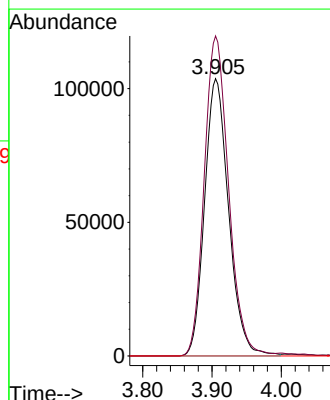
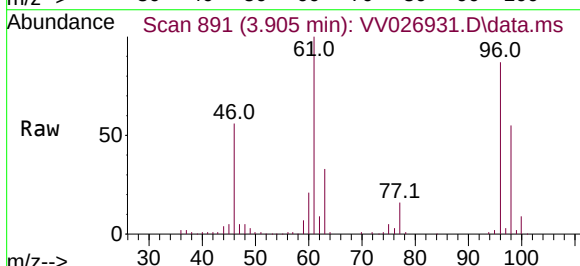
Tgt Ion: 96 Resp: 250574

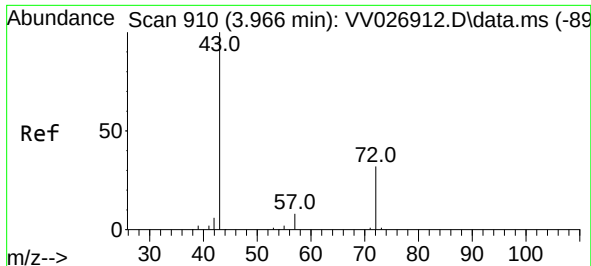
Ion Ratio Lower Upper

96 100

61 115.4 83.0 154.1

68 0.0 0.0 0.0

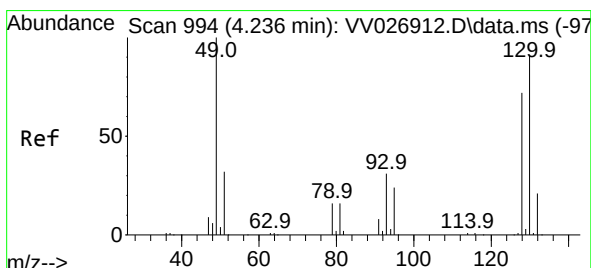
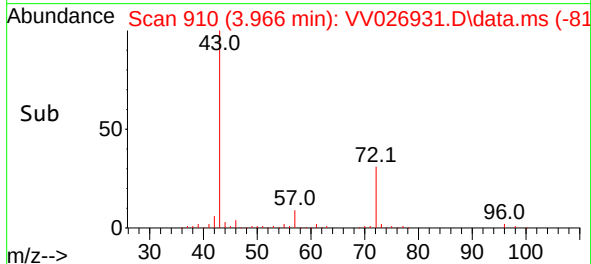
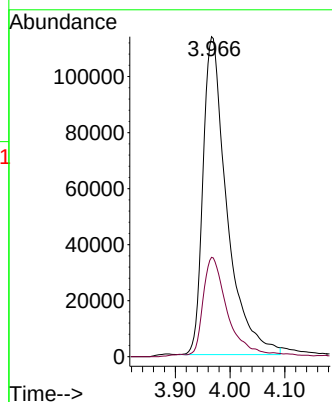
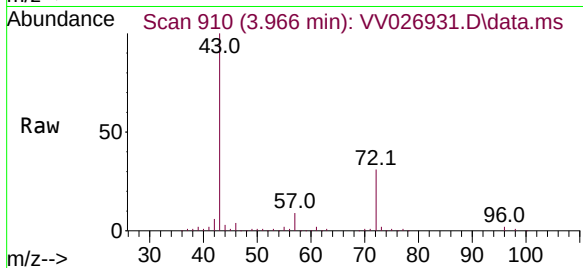




#22
2-Butanone
Concen: 111.946 ug/L
RT: 3.966 min Scan# 910
Delta R.T. -0.000 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

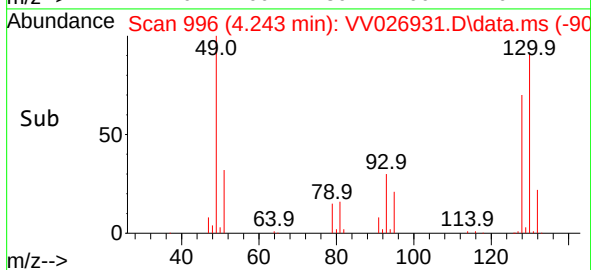
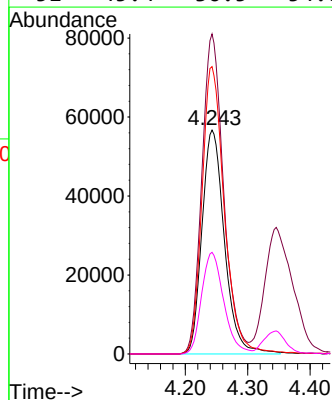
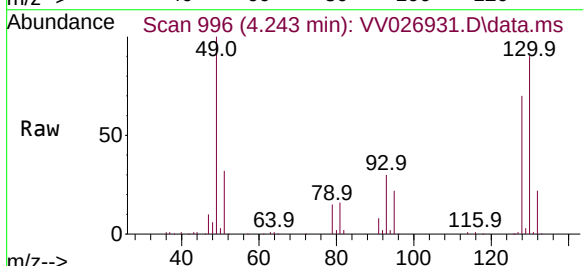
Instrument :
MSVOA_V
ClientSampleId :
F5D17ME

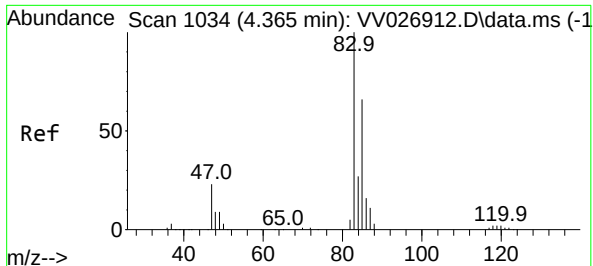
Tgt Ion: 43 Resp: 344248
Ion Ratio Lower Upper
43 100
72 29.3 14.9 44.5



#23
Bromochloromethane
Concen: 50.618 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.006 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

Tgt Ion: 128 Resp: 141754
Ion Ratio Lower Upper
128 100
49 143.0 101.0 187.6
130 128.4 90.0 167.2
51 45.4 36.5 54.7





#25

Chloroform

Concen: 49.485 ug/L

RT: 4.371 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VV026931.D

Acq: 23 Jul 2022 20:32

Instrument :

MSVOA_V

ClientSampleId :

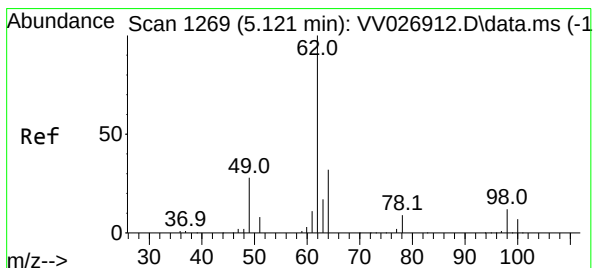
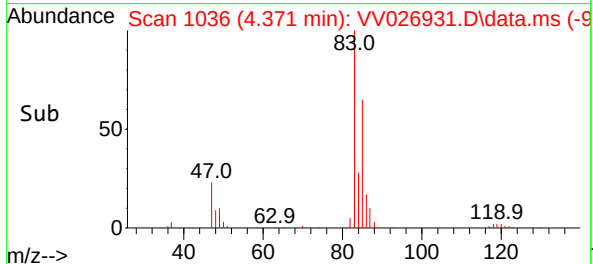
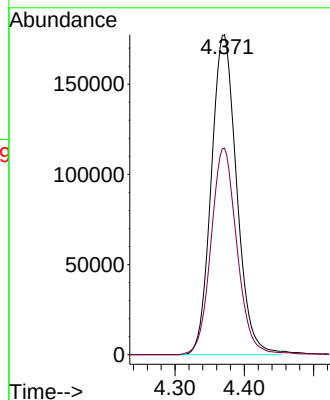
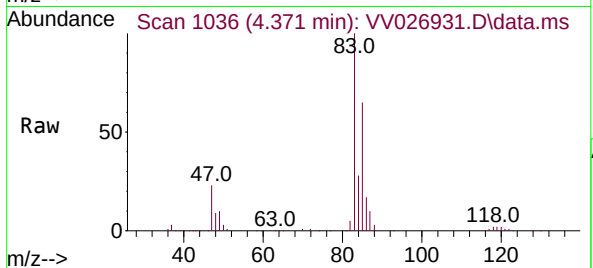
F5D17ME

Tgt Ion: 83 Resp: 451075

Ion Ratio Lower Upper

83 100

85 64.5 45.8 85.0



#27

1,2-Dichloroethane

Concen: 50.355 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.006 min

Lab File: VV026931.D

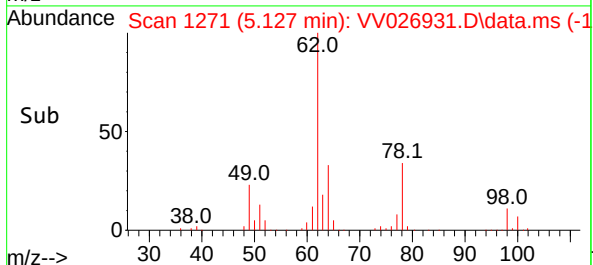
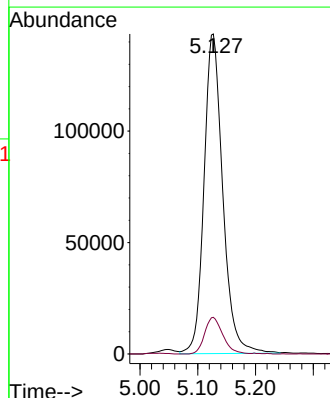
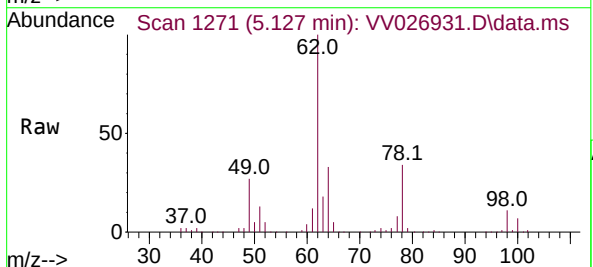
Acq: 23 Jul 2022 20:32

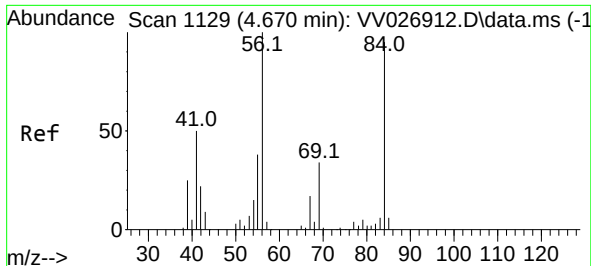
Tgt Ion: 62 Resp: 323892

Ion Ratio Lower Upper

62 100

98 11.4 8.9 13.3





#29

Cyclohexane

Concen: 50.394 ug/L

RT: 4.674 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV026931.D

Acq: 23 Jul 2022 20:32

Instrument :

MSVOA_V

ClientSampleId :

F5D17ME

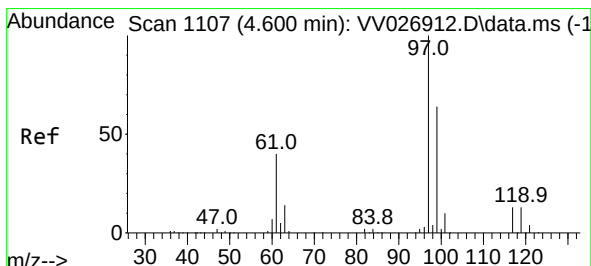
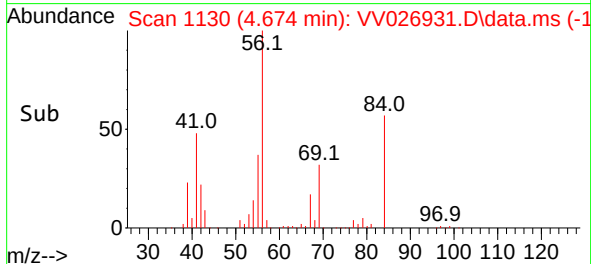
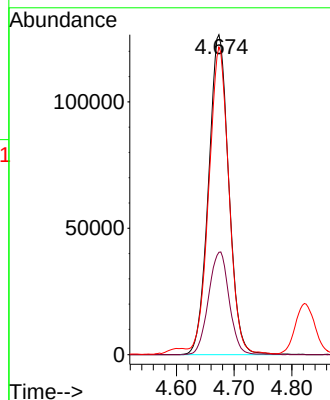
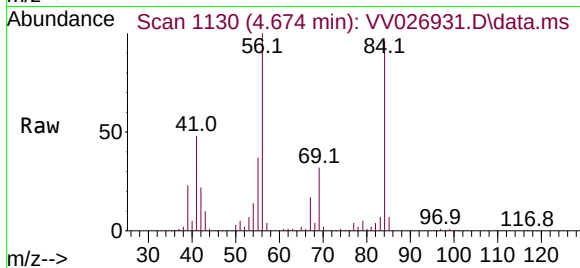
Tgt Ion: 56 Resp: 308071

Ion Ratio Lower Upper

56 100

69 32.7 25.7 38.5

84 93.6 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 49.678 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV026931.D

Acq: 23 Jul 2022 20:32

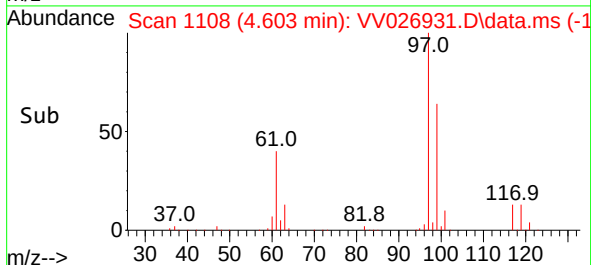
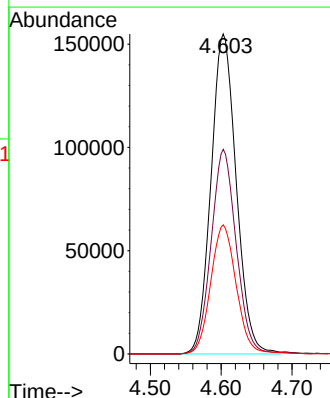
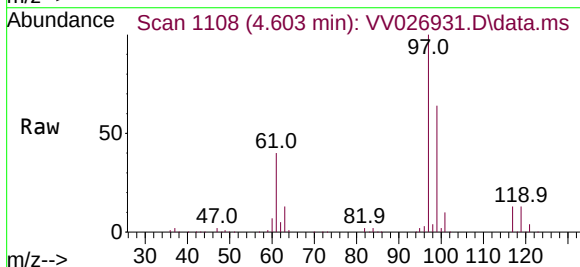
Tgt Ion: 97 Resp: 383704

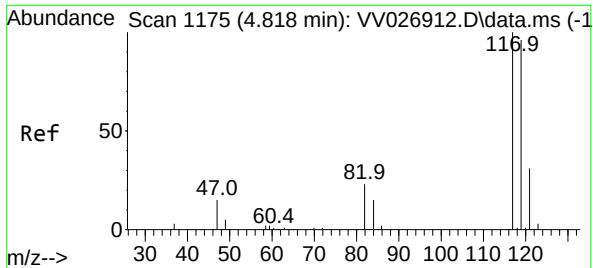
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.6

61 40.8 33.1 49.7

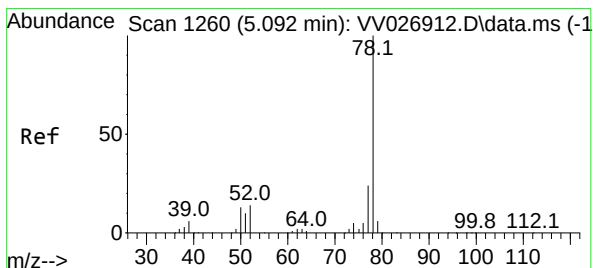
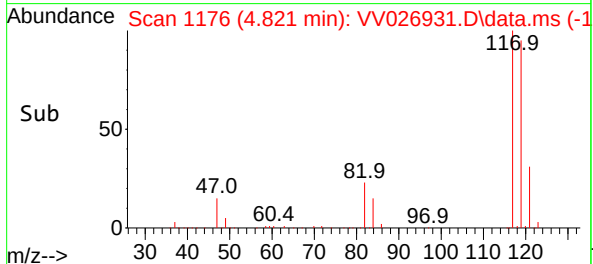
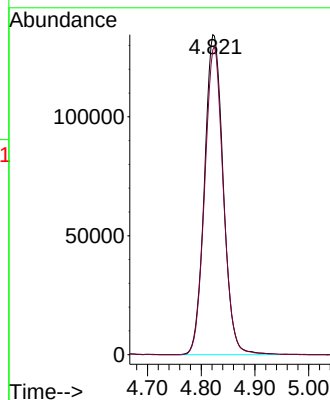
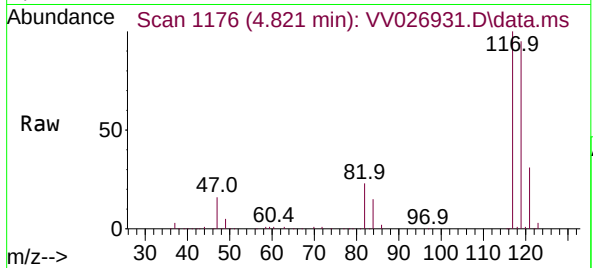




#31
Carbon tetrachloride
Concen: 48.245 ug/L
RT: 4.821 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

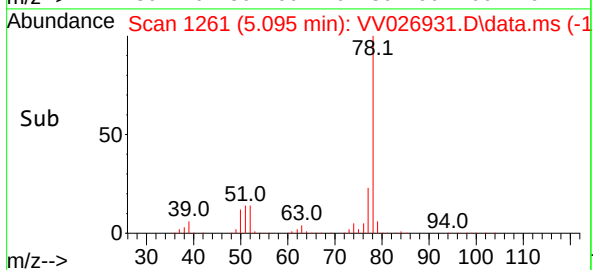
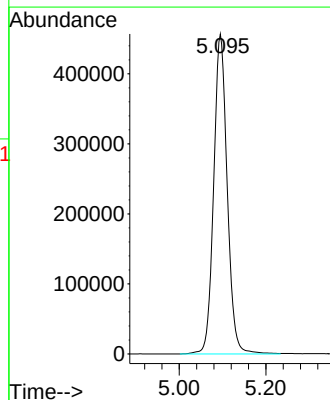
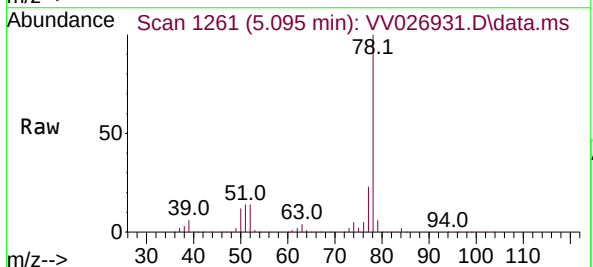
Instrument :
MSVOA_V
ClientSampleId :
F5D17ME

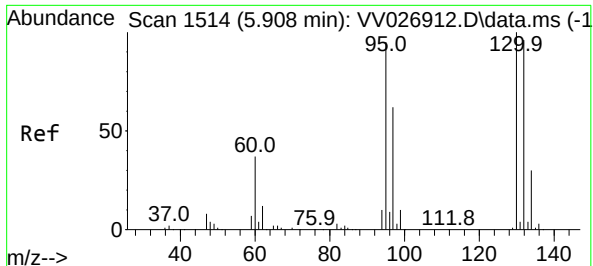
Tgt Ion:117 Resp: 326270
Ion Ratio Lower Upper
117 100
119 95.6 77.3 115.9



#33
Benzene
Concen: 52.679 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

Tgt Ion: 78 Resp: 990374

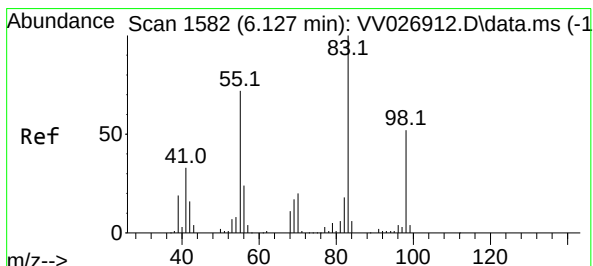
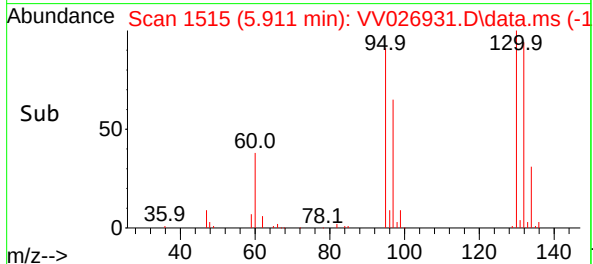
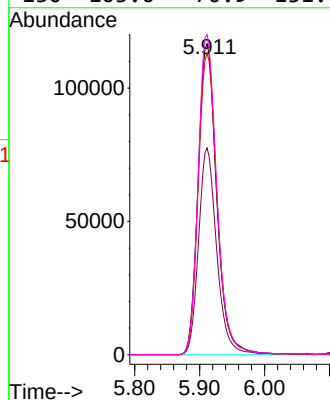
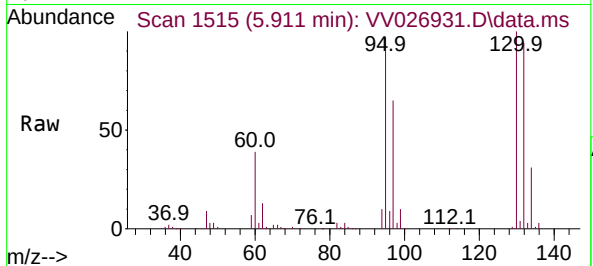




#34
Trichloroethene
Concen: 48.380 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

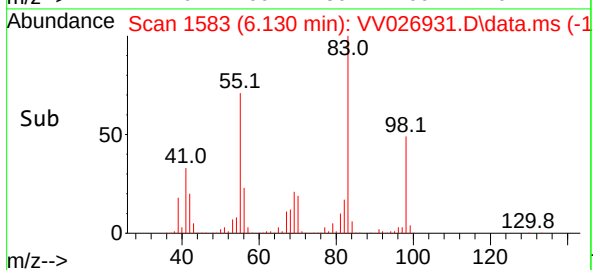
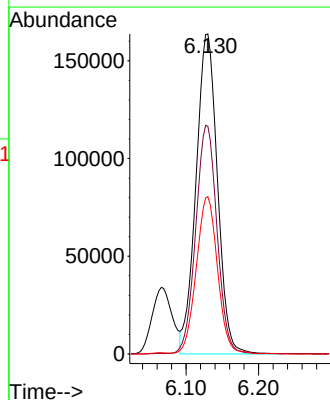
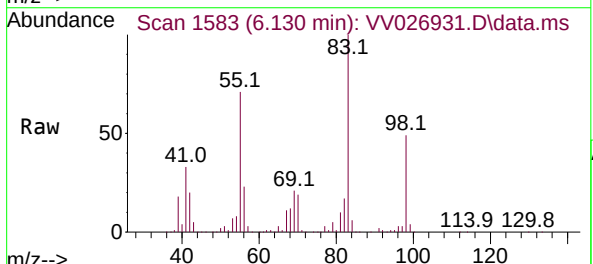
Instrument :
MSVOA_V
ClientSampleId :
F5D17ME

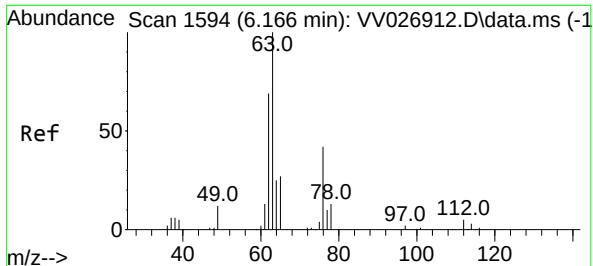
Tgt Ion: 95 Resp: 233727
Ion Ratio Lower Upper
95 100
97 66.5 45.9 85.3
132 97.0 68.1 126.5
130 103.0 70.9 131.7



#35
Methylcyclohexane
Concen: 47.085 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

Tgt Ion: 83 Resp: 336804
Ion Ratio Lower Upper
83 100
55 70.9 57.4 86.2
98 48.6 39.4 59.0





#37

1,2-Dichloropropane

Concen: 52.765 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV026931.D

Acq: 23 Jul 2022 20:32

Instrument :

MSVOA_V

ClientSampleId :

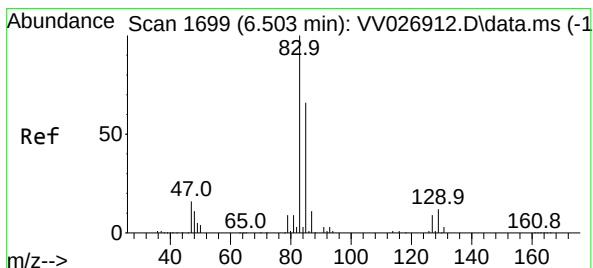
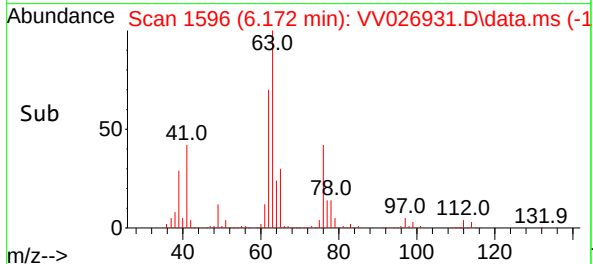
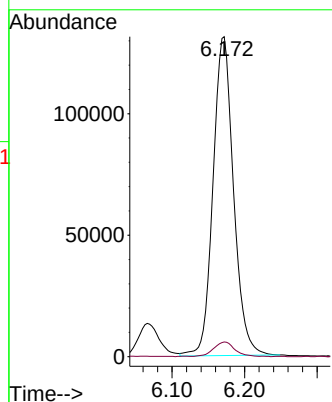
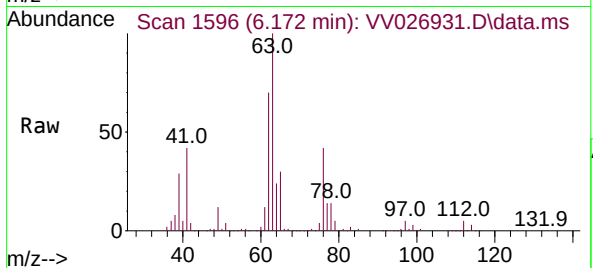
F5D17ME

Tgt Ion: 63 Resp: 258181

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 48.935 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV026931.D

Acq: 23 Jul 2022 20:32

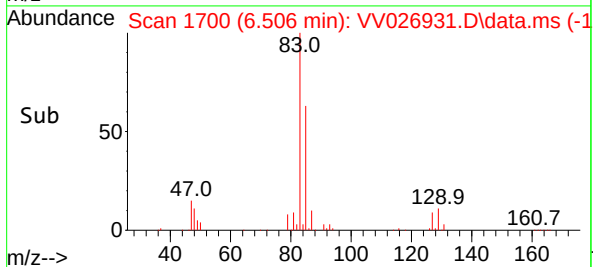
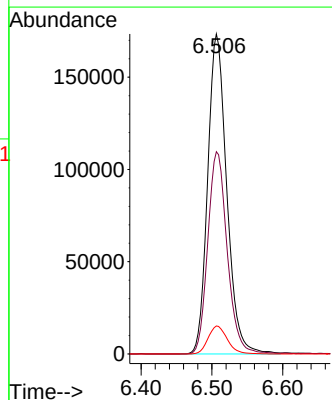
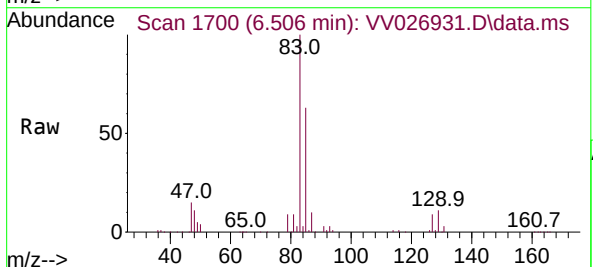
Tgt Ion: 83 Resp: 324546

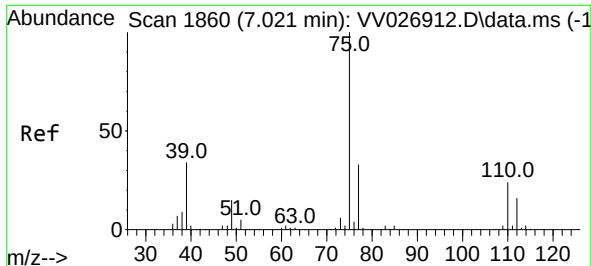
Ion Ratio Lower Upper

83 100

85 63.2 45.1 83.9

127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 42.087 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV026931.D

Acq: 23 Jul 2022 20:32

Instrument :

MSVOA_V

ClientSampleId :

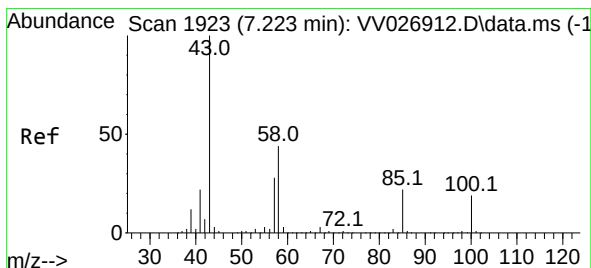
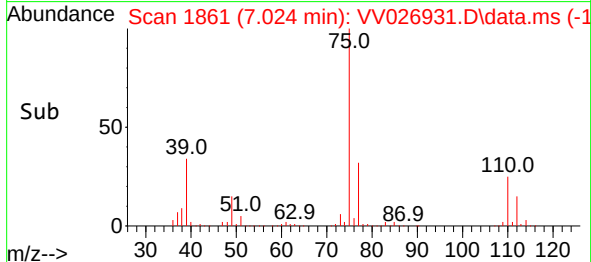
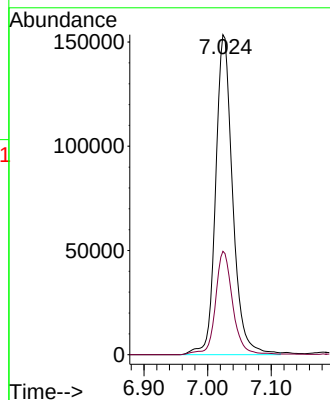
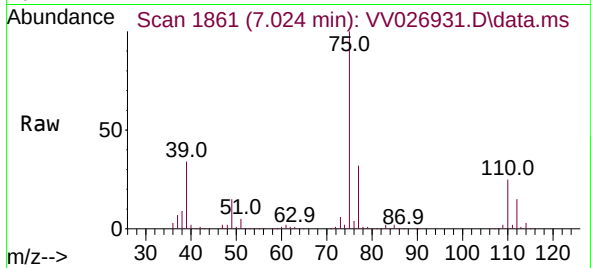
F5D17ME

Tgt Ion: 75 Resp: 285801

Ion Ratio Lower Upper

75 100

77 32.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 111.404 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV026931.D

Acq: 23 Jul 2022 20:32

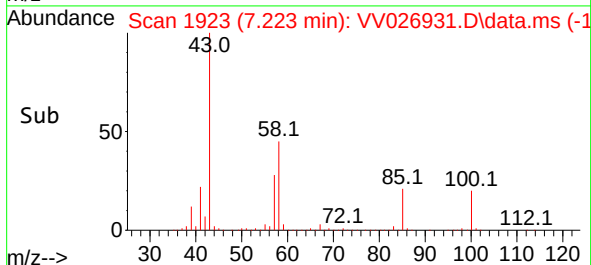
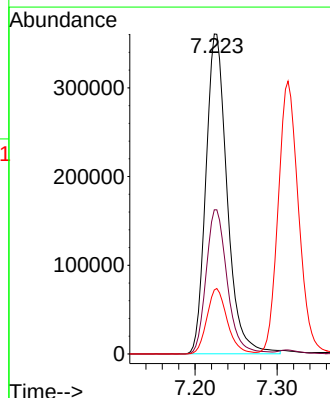
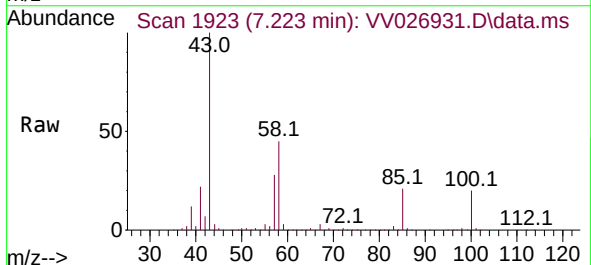
Tgt Ion: 43 Resp: 648703

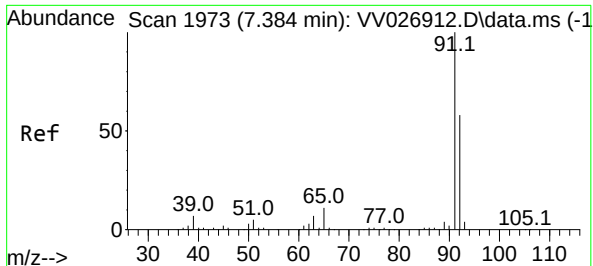
Ion Ratio Lower Upper

43 100

58 45.0 35.0 52.6

100 19.6 15.4 23.0





#42

Toluene

Concen: 54.330 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV026931.D

Acq: 23 Jul 2022 20:32

Instrument :

MSVOA_V

ClientSampleId :

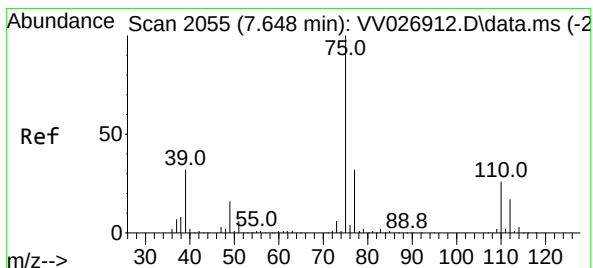
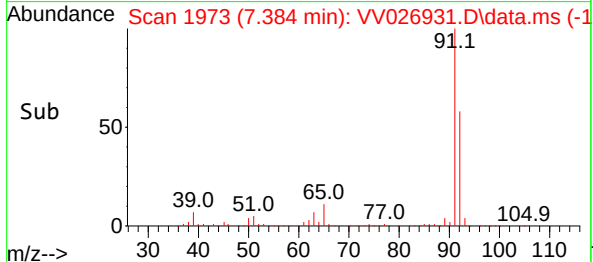
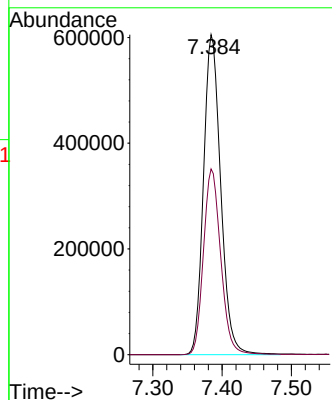
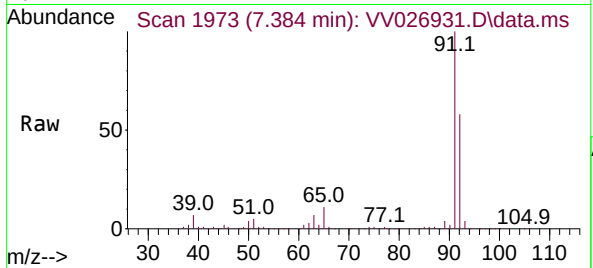
F5D17ME

Tgt Ion: 91 Resp: 1042559

Ion Ratio Lower Upper

91 100

92 58.1 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 41.963 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV026931.D

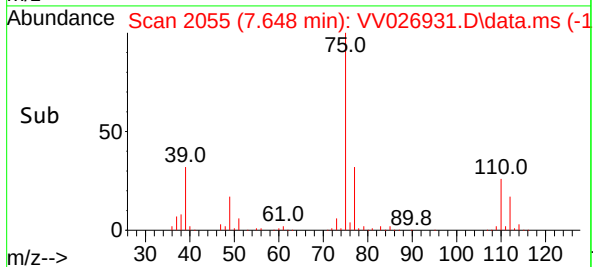
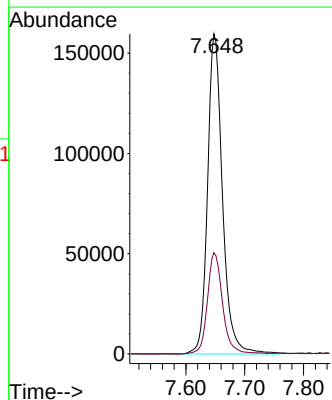
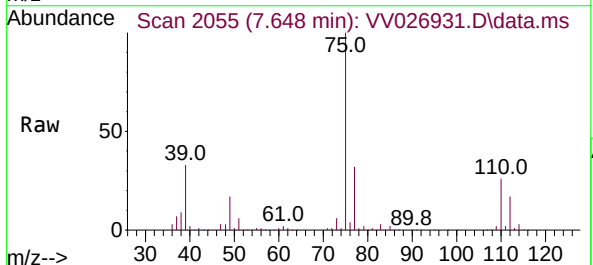
Acq: 23 Jul 2022 20:32

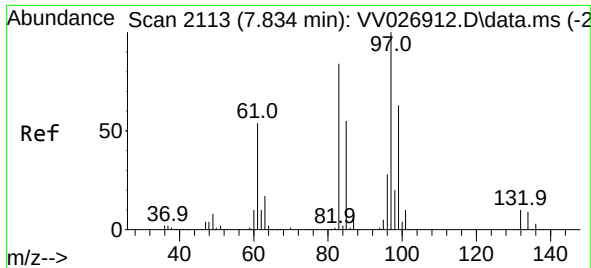
Tgt Ion: 75 Resp: 281018

Ion Ratio Lower Upper

75 100

77 31.7 21.3 39.6



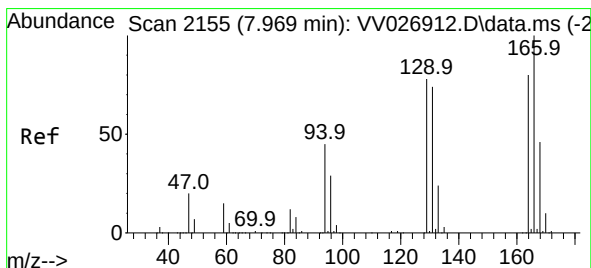
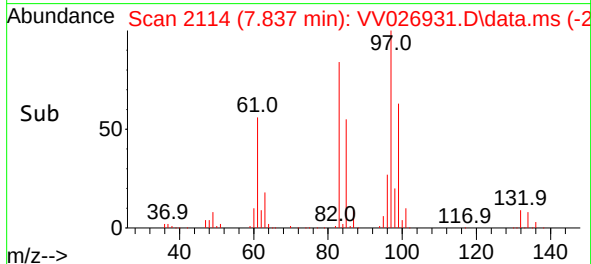
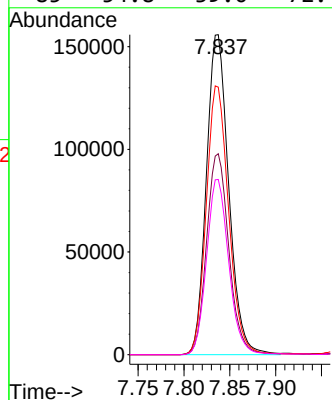
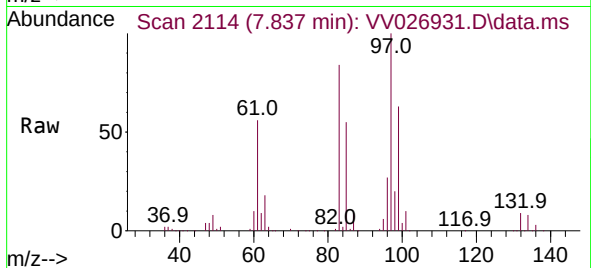


#45
1,1,2-Trichloroethane
Concen: 50.726 ug/L
RT: 7.837 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

Instrument :
MSVOA_V
ClientSampleId :
F5D17ME

Tgt Ion: 97 Resp: 264323

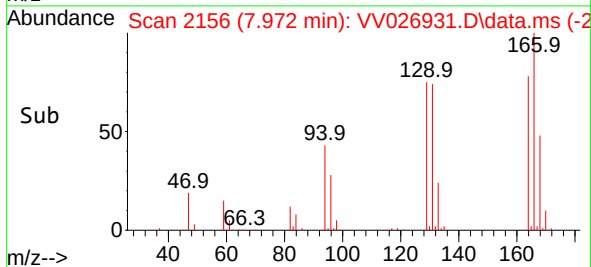
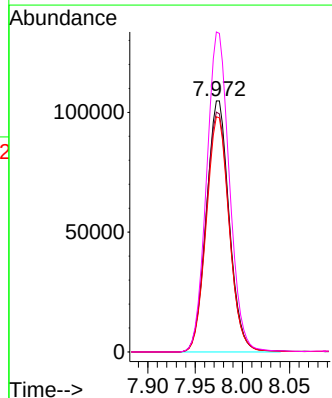
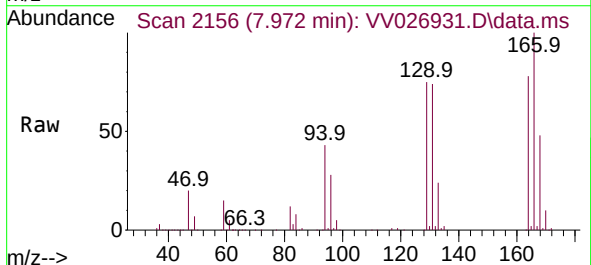
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.0	81.8
83	83.6	59.9	111.3
85	54.8	39.0	72.4

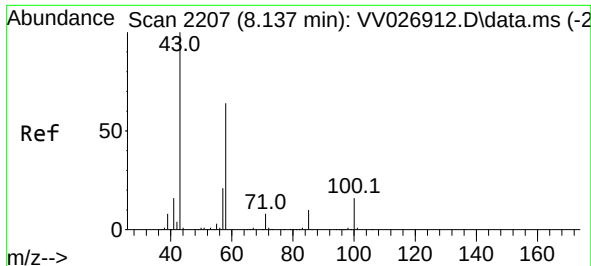


#46
Tetrachloroethene
Concen: 46.848 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

Tgt Ion: 164 Resp: 176551

Ion	Ratio	Lower	Upper
164	100		
129	95.5	66.3	123.1
131	93.7	63.1	117.3
166	127.5	86.2	160.2

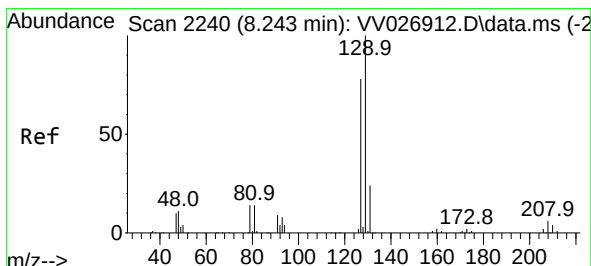
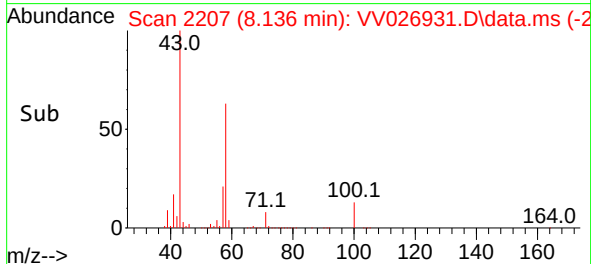
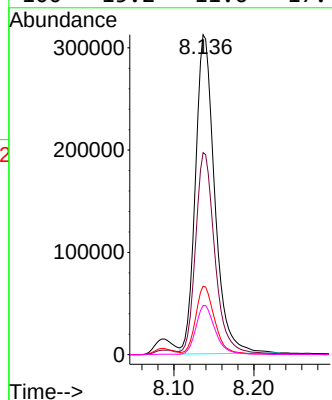
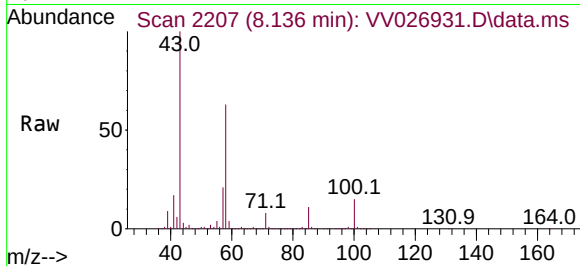




#48
2-Hexanone
Concen: 115.845 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

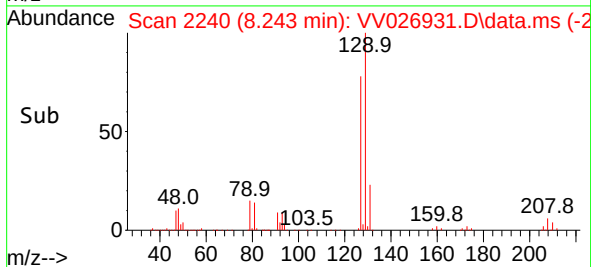
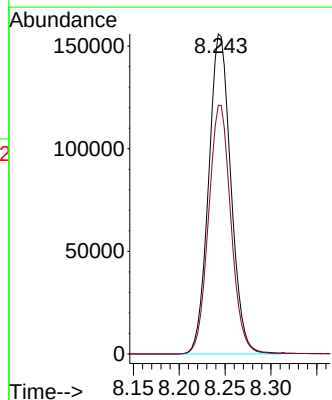
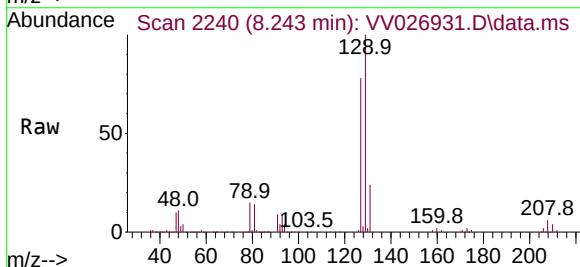
Instrument :
MSVOA_V
ClientSampleId :
F5D17ME

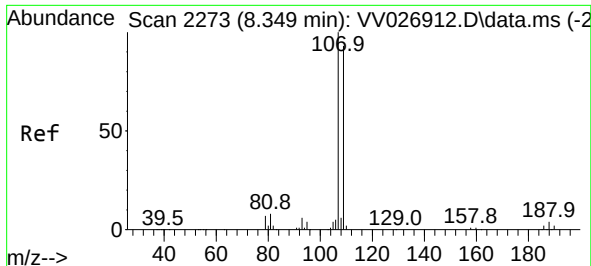
Tgt Ion: 43	Resp: 525008
Ion Ratio	Lower Upper
43 100	
58 63.1	48.8 73.2
57 20.9	16.6 24.8
100 15.2	11.6 17.4



#49
Dibromochloromethane
Concen: 48.345 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

Tgt Ion:129	Resp: 263298		
Ion Ratio	Lower	Upper	
129 100			
127 77.7	53.7	99.7	

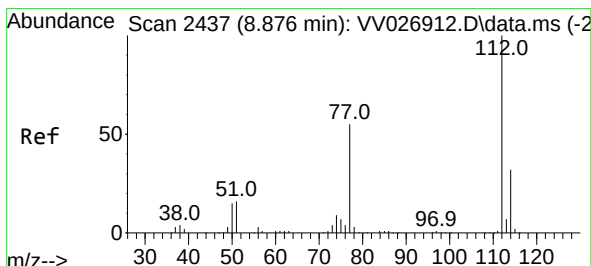
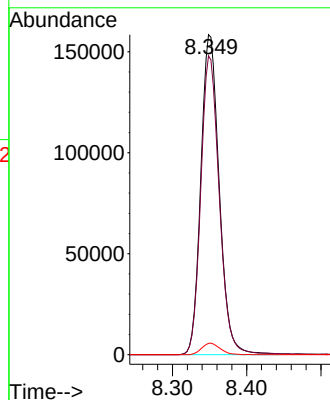
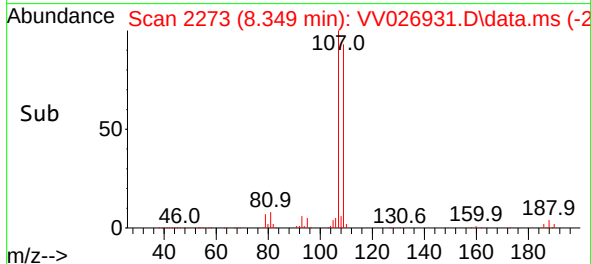
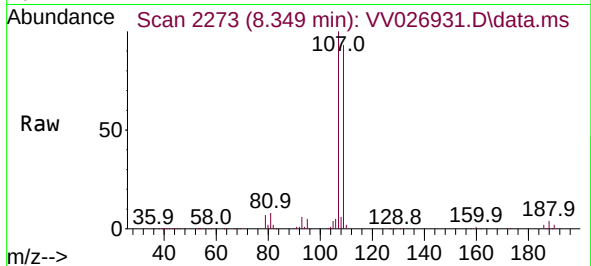




#50
1,2-Dibromoethane
Concen: 51.193 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

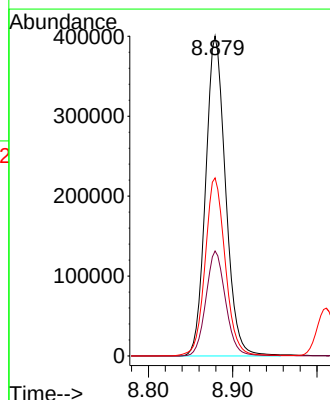
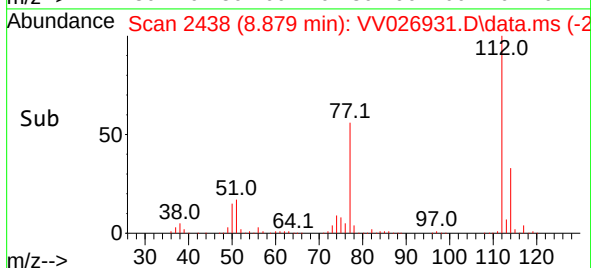
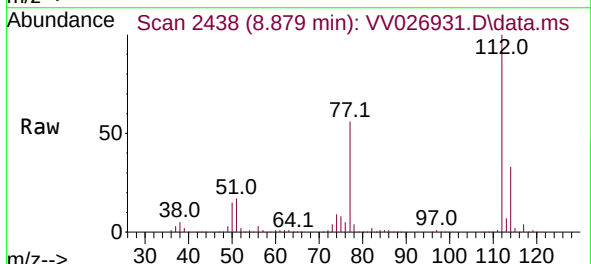
Instrument :
MSVOA_V
ClientSampleId :
F5D17ME

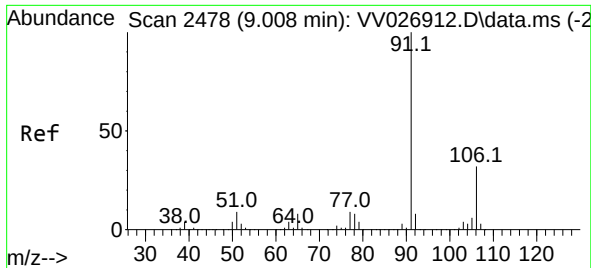
Tgt Ion:107 Resp: 272919
Ion Ratio Lower Upper
107 100
109 93.4 64.9 120.5
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 49.294 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

Tgt Ion:112 Resp: 659348
Ion Ratio Lower Upper
112 100
114 32.8 22.7 42.1
77 55.6 44.4 66.6

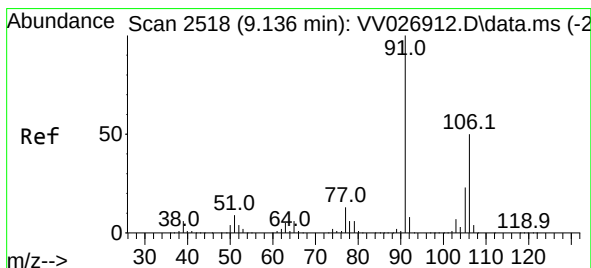
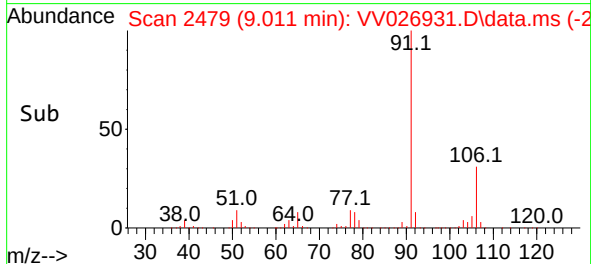
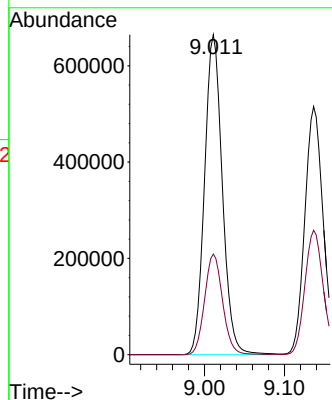
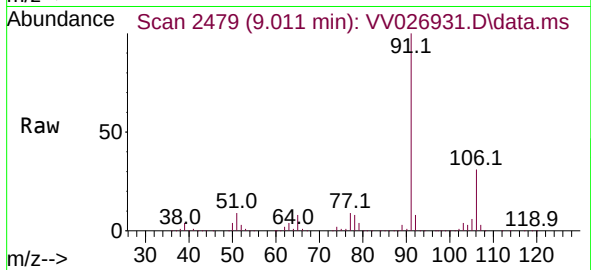




#52
Ethylbenzene
Concen: 51.685 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

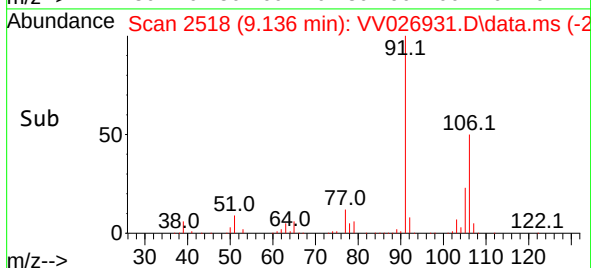
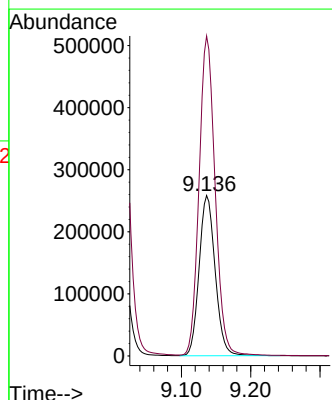
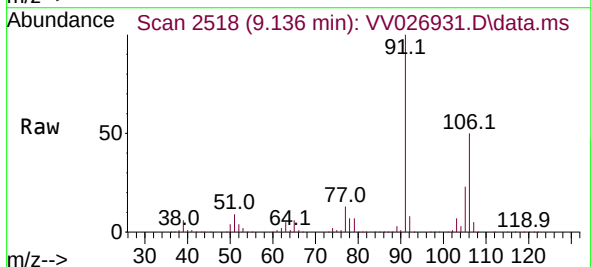
Instrument :
MSVOA_V
ClientSampleId :
F5D17ME

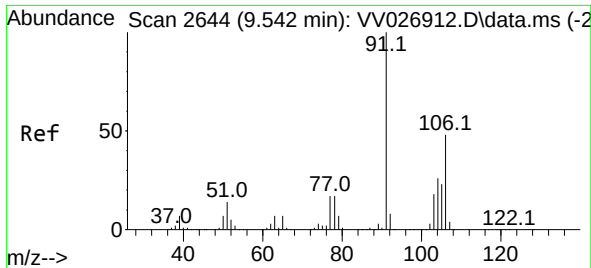
Tgt Ion: 91 Resp: 1029492
Ion Ratio Lower Upper
91 100
106 31.5 22.0 40.8



#53
m,p-Xylene
Concen: 53.256 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

Tgt Ion:106 Resp: 415355
Ion Ratio Lower Upper
106 100
91 199.3 140.0 260.0

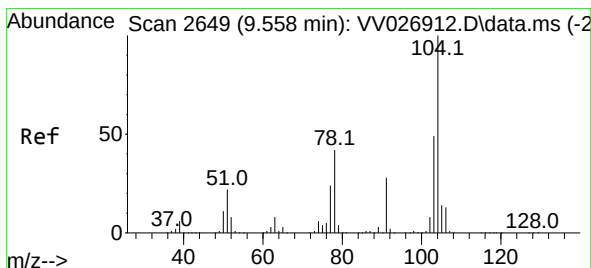
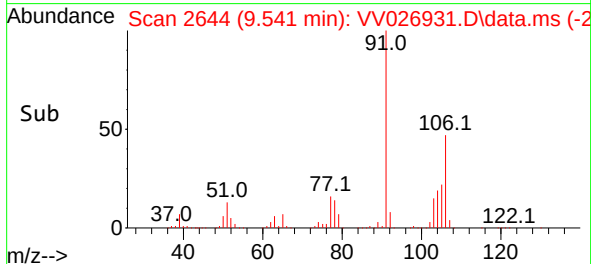
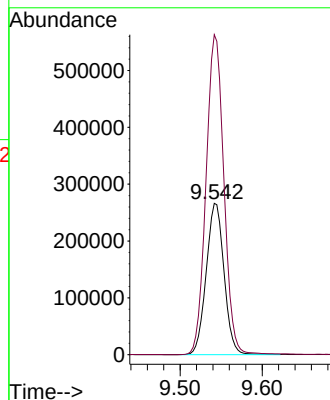
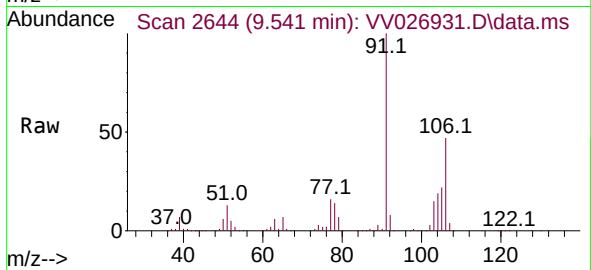




#54
o-Xylene
Concen: 53.558 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

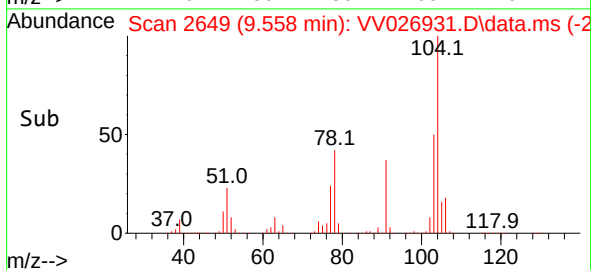
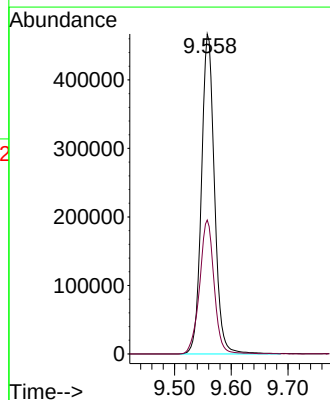
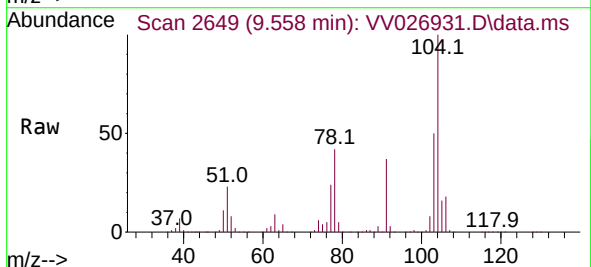
Instrument :
MSVOA_V
ClientSampleId :
F5D17ME

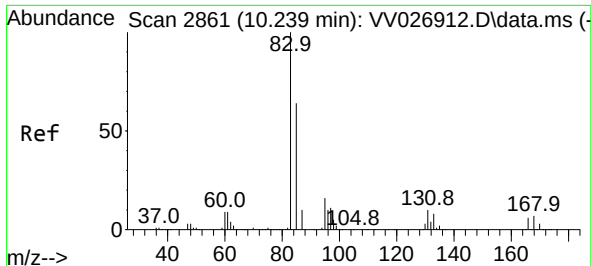
Tgt Ion:106 Resp: 402296
Ion Ratio Lower Upper
106 100
91 211.4 146.1 271.3



#55
Styrene
Concen: 56.362 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

Tgt Ion:104 Resp: 747681
Ion Ratio Lower Upper
104 100
78 41.9 29.6 55.0

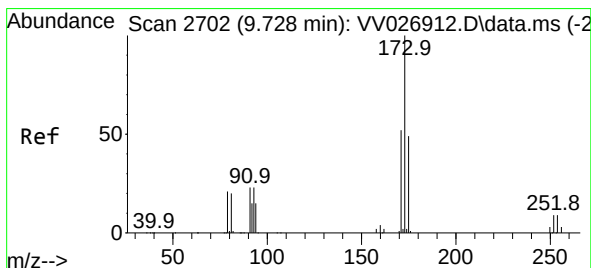
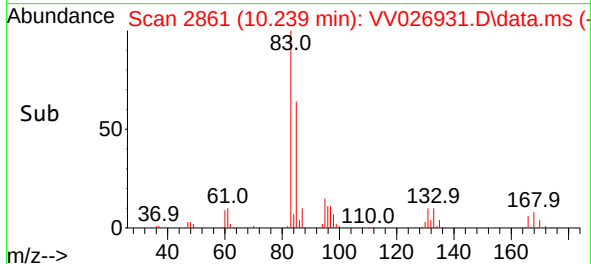
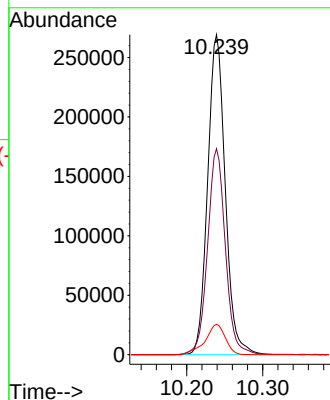
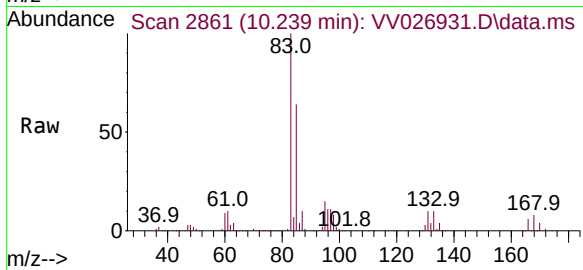




#57
 1,1,2,2-Tetrachloroethane
 Concen: 51.396 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV026931.D
 Acq: 23 Jul 2022 20:32

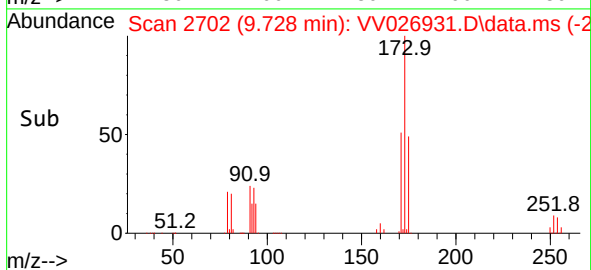
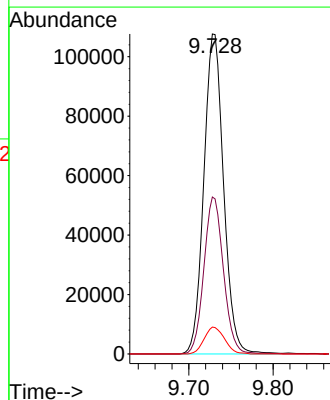
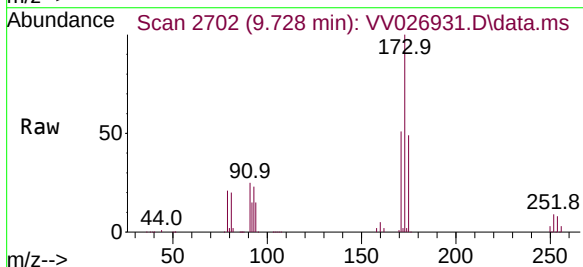
Instrument :
 MSVOA_V
 ClientSampleId :
 F5D17ME

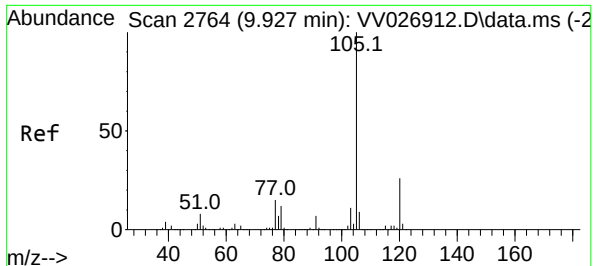
Tgt Ion: 83 Resp: 432305
 Ion Ratio Lower Upper
 83 100
 85 64.3 45.3 84.1
 131 9.5 7.8 11.6



#59
 Bromoform
 Concen: 49.207 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV026931.D
 Acq: 23 Jul 2022 20:32

Tgt Ion: 173 Resp: 175991
 Ion Ratio Lower Upper
 173 100
 175 48.4 38.6 57.8
 254 8.6 6.6 10.0





#60

Isopropylbenzene

Concen: 54.011 ug/L

RT: 9.931 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026931.D

Acq: 23 Jul 2022 20:32

Instrument :

MSVOA_V

ClientSampleId :

F5D17ME

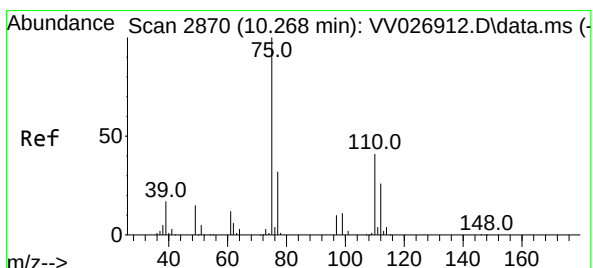
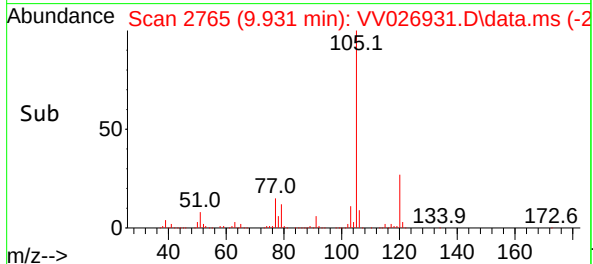
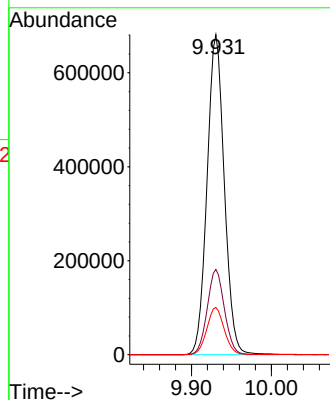
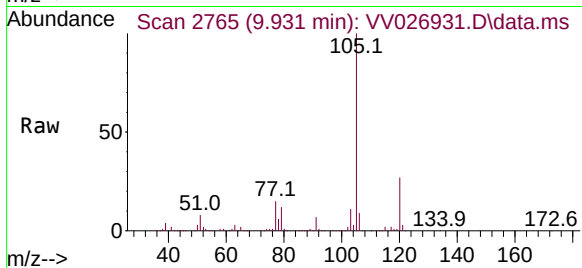
Tgt Ion:105 Resp: 1021799

Ion Ratio Lower Upper

105 100

120 26.5 21.1 31.7

77 14.9 11.9 17.9



#61

1,2,3-Trichloropropane

Concen: 52.204 ug/L

RT: 10.271 min Scan# 2871

Delta R.T. 0.003 min

Lab File: VV026931.D

Acq: 23 Jul 2022 20:32

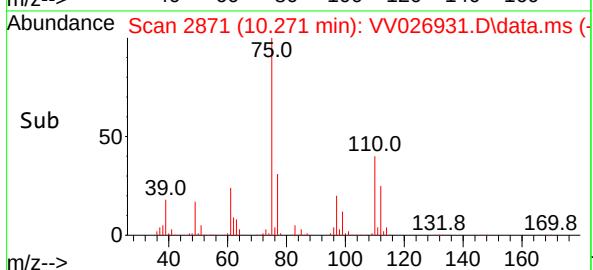
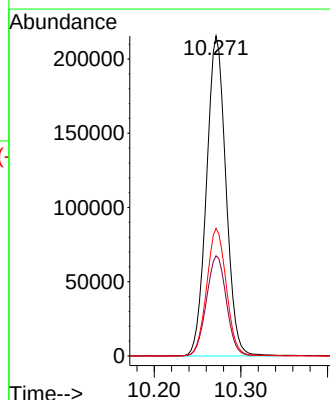
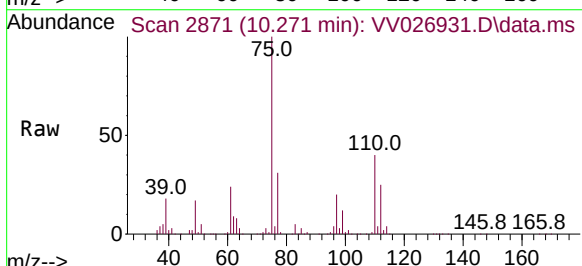
Tgt Ion: 75 Resp: 335346

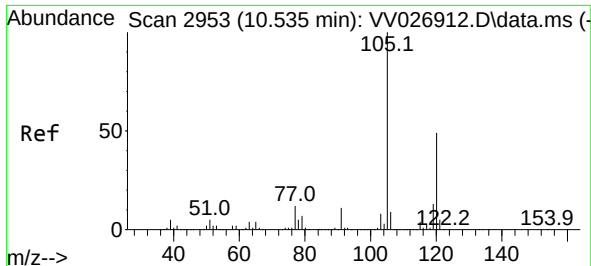
Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4

110 40.4 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 53.927 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV026931.D

Acq: 23 Jul 2022 20:32

Instrument :

MSVOA_V

ClientSampleId :

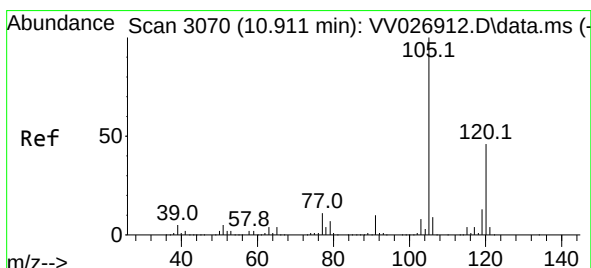
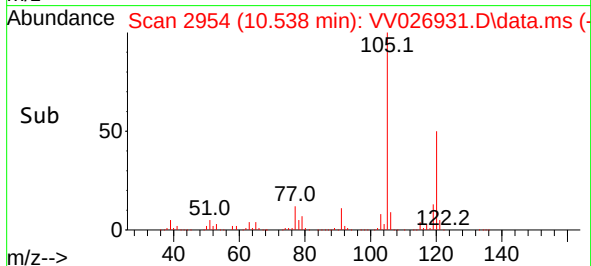
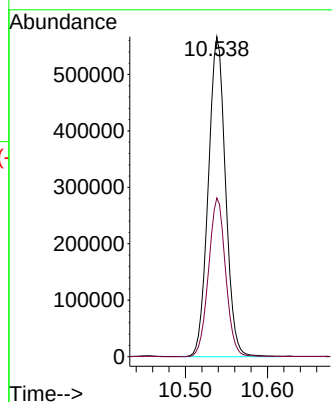
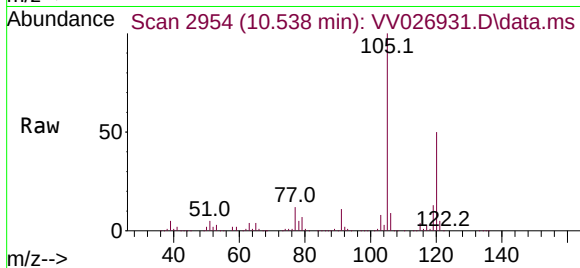
F5D17ME

Tgt Ion:105 Resp: 829161

Ion Ratio Lower Upper

105 100

120 49.2 39.8 59.6



#63

1,2,4-Trimethylbenzene

Concen: 54.710 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV026931.D

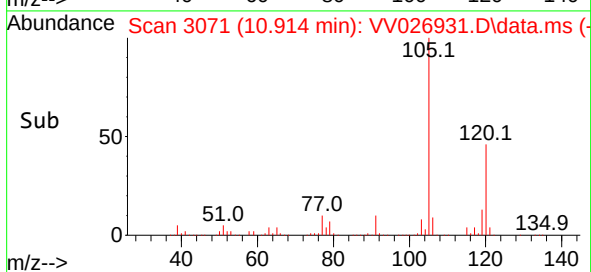
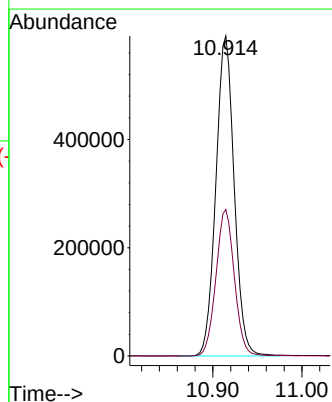
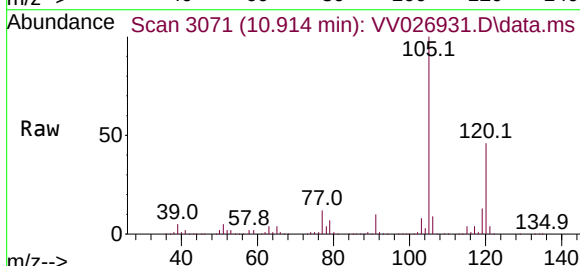
Acq: 23 Jul 2022 20:32

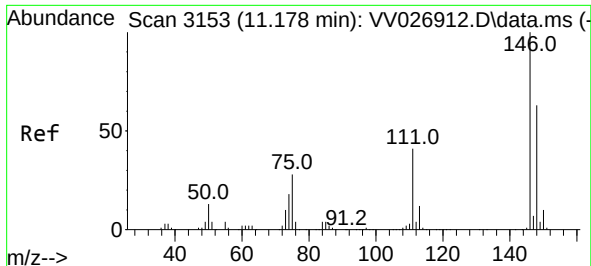
Tgt Ion:105 Resp: 843750

Ion Ratio Lower Upper

105 100

120 46.1 37.1 55.7

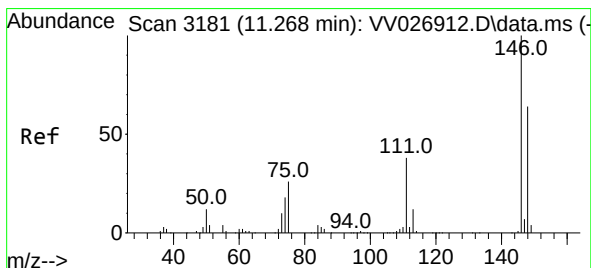
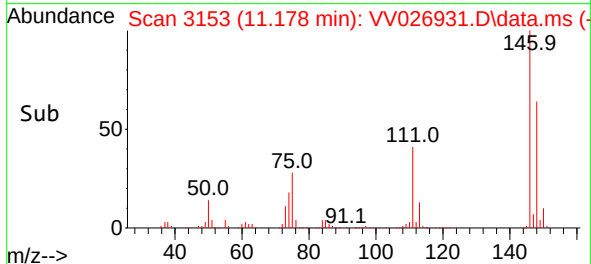
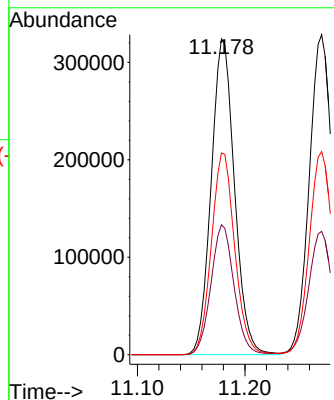
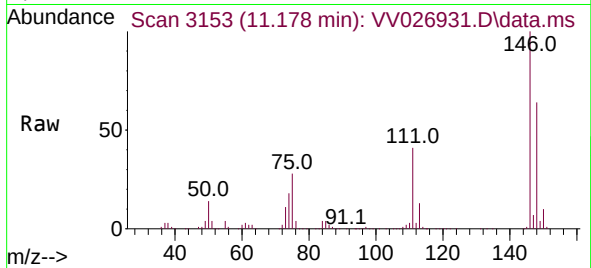




#64
1,3-Dichlorobenzene
Concen: 50.619 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

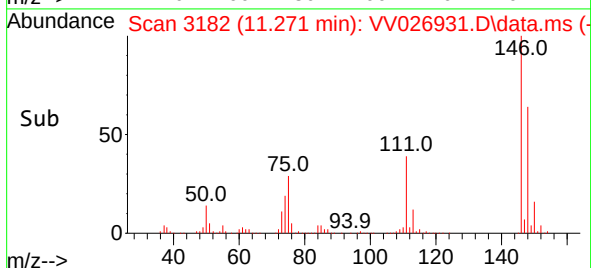
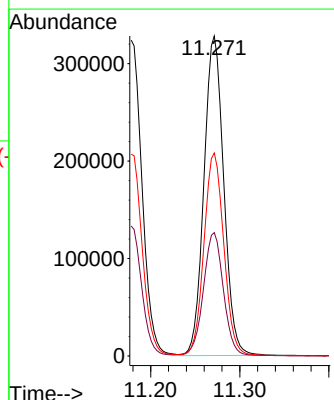
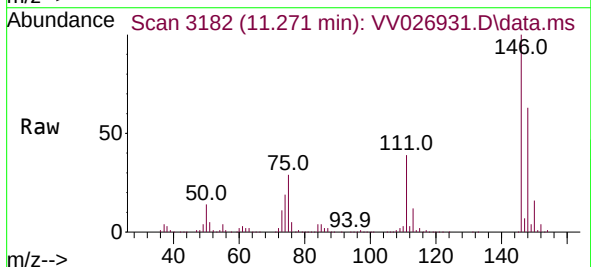
Instrument :
MSVOA_V
ClientSampleId :
F5D17ME

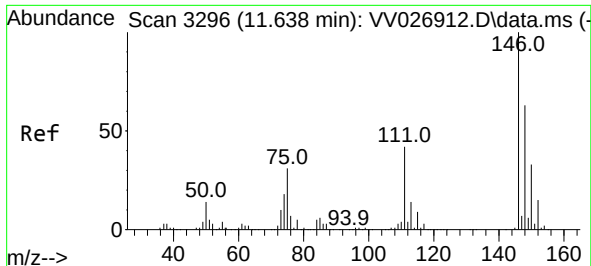
Tgt Ion:146 Resp: 489282
Ion Ratio Lower Upper
146 100
111 41.1 27.9 51.9
148 63.9 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 49.353 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

Tgt Ion:146 Resp: 505486
Ion Ratio Lower Upper
146 100
111 38.6 27.4 51.0
148 63.5 44.4 82.4

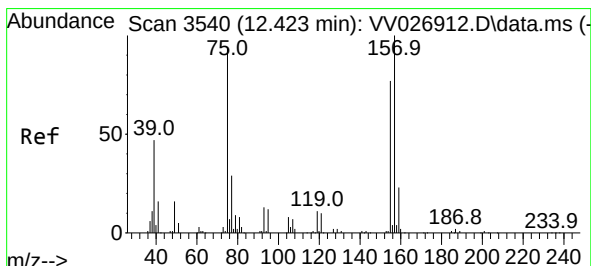
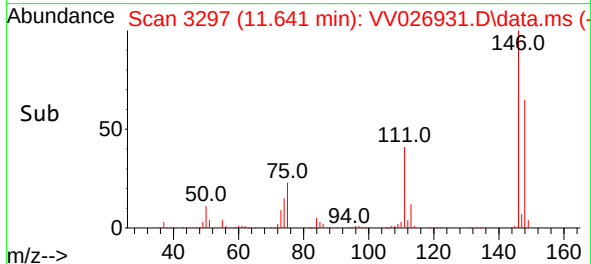
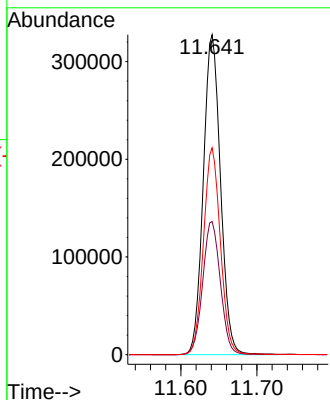
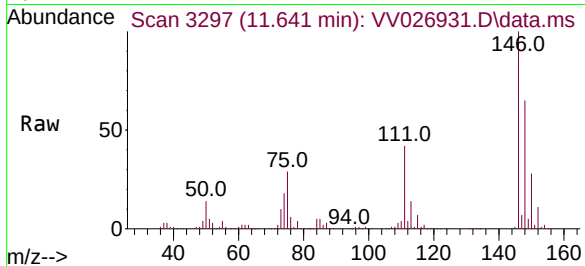




#67
1,2-Dichlorobenzene
Concen: 51.993 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

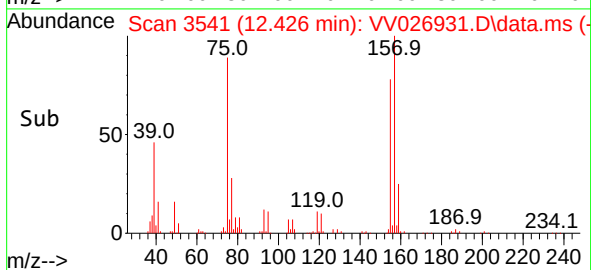
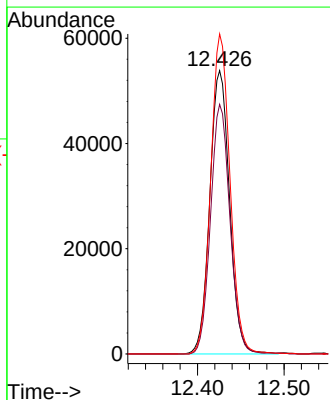
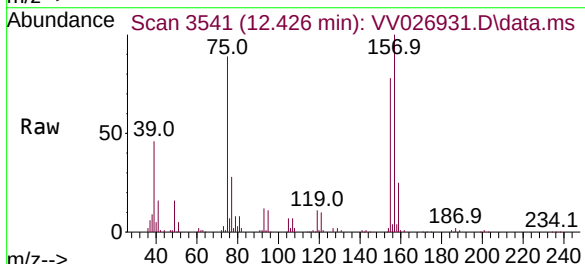
Instrument :
MSVOA_V
ClientSampleId :
F5D17ME

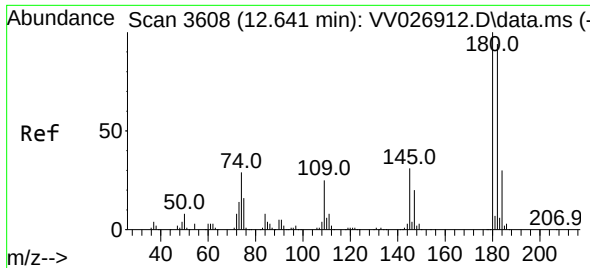
Tgt Ion:146 Resp: 515624
Ion Ratio Lower Upper
146 100
111 41.6 33.2 49.8
148 64.7 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 49.812 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.003 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

Tgt Ion: 75 Resp: 85488
Ion Ratio Lower Upper
75 100
155 88.1 67.7 101.5
157 112.9 87.1 130.7

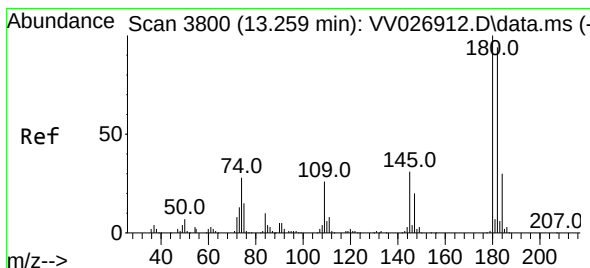
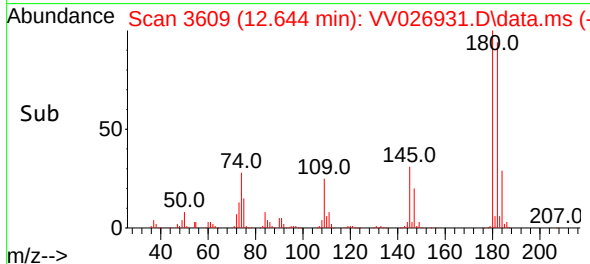
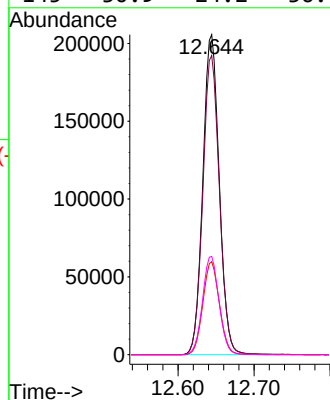
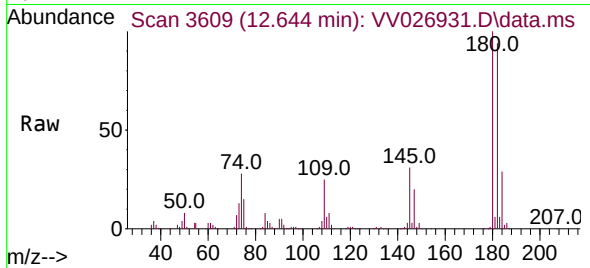




#69
 1,3,5-Trichlorobenzene
 Concen: 45.027 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV026931.D
 Acq: 23 Jul 2022 20:32

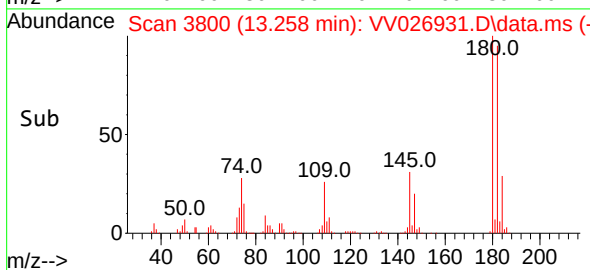
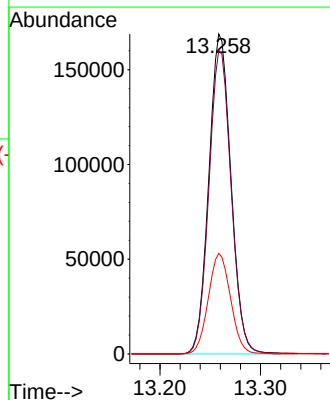
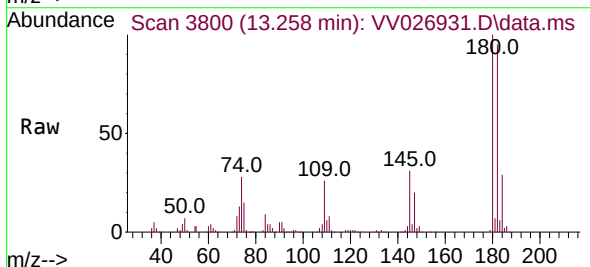
Instrument :
 MSVOA_V
 ClientSampleId :
 F5D17ME

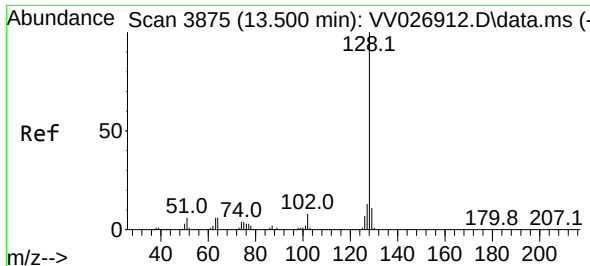
Tgt Ion:180	Resp: 308117
Ion Ratio	Lower Upper
180	100
182	94.4 75.6 113.4
184	29.4 23.8 35.8
145	30.9 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 44.836 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026931.D
 Acq: 23 Jul 2022 20:32

Tgt Ion:180	Resp: 258506
Ion Ratio	Lower Upper
180	100
182	95.2 76.2 114.4
145	31.6 25.0 37.6

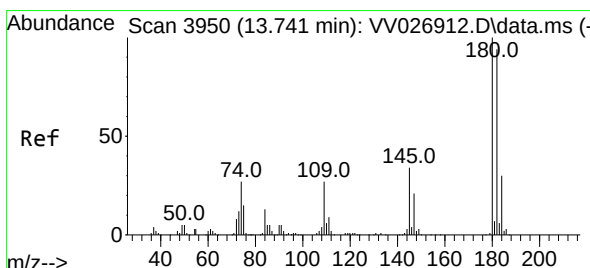
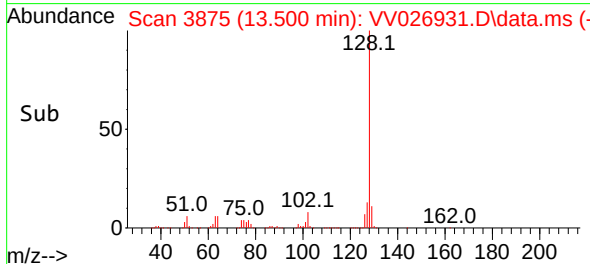
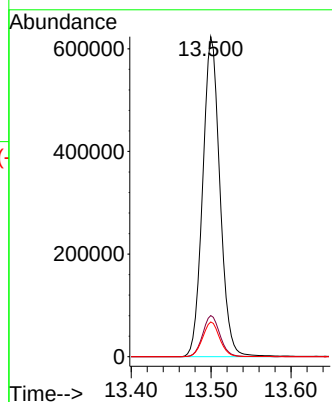
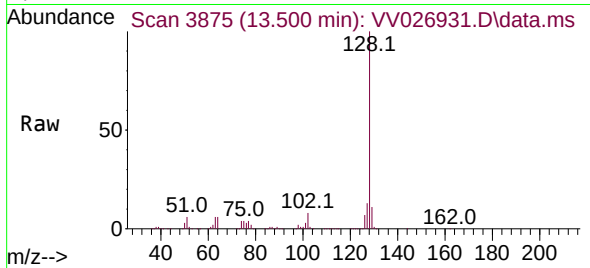




#71
Naphthalene
Concen: 51.622 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

Instrument :
MSVOA_V
ClientSampleId :
F5D17ME

Tgt Ion:128 Resp: 935940
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 50.256 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026931.D
Acq: 23 Jul 2022 20:32

Tgt Ion:180 Resp: 302249
Ion Ratio Lower Upper
180 100
182 94.8 75.4 113.2
145 33.4 26.6 40.0

