

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026968.D
 Acq On : 26 Jul 2022 22:03
 Operator : SY/MD
 Sample : N3843-13MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUP2MS

Quant Time: Jul 27 01:45:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 01:39:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	522907	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	535364	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	299719	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	178671	40.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.480%
7) Chloroethane-d5	1.565	69	156636	44.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.300%
11) 1,1-Dichloroethene-d2	2.105	63	343066	43.480	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.960%
21) 2-Butanone-d5	3.886	46	308261	104.278	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.280%
24) Chloroform-d	4.343	84	408434	47.320	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.640%
26) 1,2-Dichloroethane-d4	5.027	65	235741	47.748	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.500%
32) Benzene-d6	5.044	84	772750	47.751	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.500%
36) 1,2-Dichloropropane-d6	6.066	67	246401	47.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.500%
41) Toluene-d8	7.314	98	701031	49.510	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.020%
43) trans-1,3-Dichloroprop...	7.619	79	105016	48.058	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.120%
47) 2-Hexanone-d5	8.088	63	225304	99.219	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	398182	50.260	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.520%
66) 1,2-Dichlorobenzene-d4	11.622	152	277792	49.403	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	231294	42.816	ug/L	99
3) Chloromethane	1.237	50	232281	45.981	ug/L	100
5) Vinyl chloride	1.307	62	250239	46.599	ug/L	99
6) Bromomethane	1.516	94	157381	48.502	ug/L	100
8) Chloroethane	1.581	64	157493	49.911	ug/L	98
9) Trichlorofluoromethane	1.748	101	346890	46.871	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	200394	46.297	ug/L	99
12) 1,1-Dichloroethene	2.114	96	194713	48.160	ug/L	87
13) Acetone	2.179	43	220359	106.164	ug/L	98
14) Carbon disulfide	2.288	76	522434	45.289	ug/L	99
15) Methyl Acetate	2.430	43	215452	47.060	ug/L	98
16) Methylene chloride	2.500	84	248287	48.176	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	209192	48.967	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	630666	53.142	ug/L	100
19) 1,1-Dichloroethane	3.182	63	397686	50.545	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	232871	51.723	ug/L	96
22) 2-Butanone	3.966	43	320849	113.337	ug/L	97
23) Bromochloromethane	4.240	128	129397	50.192	ug/L	99
25) Chloroform	4.368	83	426450	50.819	ug/L	98

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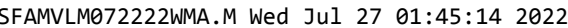
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 ClientSampleId :
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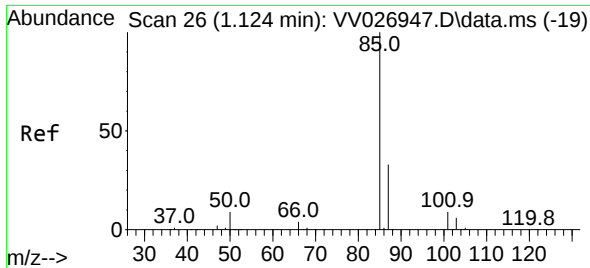
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	296368	50.050	ug/L	99
29) Cyclohexane	4.674	56	276947	49.469	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	359773	50.863	ug/L	99
31) Carbon tetrachloride	4.822	117	309202	49.926	ug/L	99
33) Benzene	5.095	78	913785	53.075	ug/L	100
34) Trichloroethene	5.908	95	217401	49.139	ug/L	98
35) Methylcyclohexane	6.127	83	309773	47.289	ug/L	98
37) 1,2-Dichloropropane	6.169	63	237452	52.991	ug/L	99
38) Bromodichloromethane	6.507	83	307872	50.690	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	317367	51.033	ug/L	99
40) 4-Methyl-2-pentanone	7.224	43	600226	112.558	ug/L	98
42) Toluene	7.384	91	962372	54.763	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	311540	50.799	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	250297	52.452	ug/L	99
46) Tetrachloroethene	7.973	164	169208	49.028	ug/L	98
48) 2-Hexanone	8.137	43	485401	116.955	ug/L	98
49) Dibromochloromethane	8.243	129	259724	52.074	ug/L	99
50) 1,2-Dibromoethane	8.349	107	256265	52.489	ug/L	99
51) Chlorobenzene	8.879	112	619474	50.572	ug/L	100
52) Ethylbenzene	9.011	91	959424	52.597	ug/L	99
53) m,p-Xylene	9.137	106	386070	54.054	ug/L	99
54) o-Xylene	9.542	106	375022	54.518	ug/L	99
55) Styrene	9.558	104	691783	56.944	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	410968	53.352	ug/L	99
59) Bromoform	9.728	173	173035	51.674	ug/L	99
60) Isopropylbenzene	9.931	105	961616	54.291	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	314564	52.303	ug/L	99
62) 1,3,5-Trimethylbenzene	10.539	105	773101	53.705	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	790033	54.715	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	461525	50.999	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	478795	49.931	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	484076	52.136	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	81842	50.934	ug/L	99
69) 1,3,5-Trichlorobenzene	12.645	180	294482	45.965	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	243410	45.093	ug/L	99
71) Naphthalene	13.500	128	814780	48.000	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	278121	49.393	ug/L	99

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

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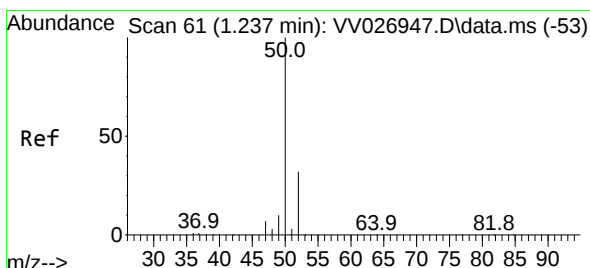
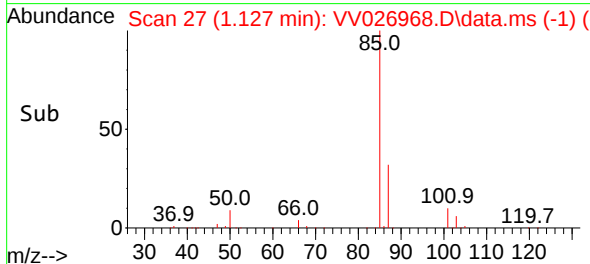
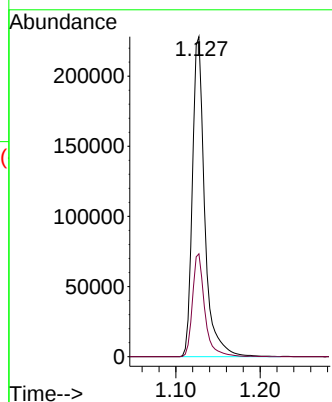
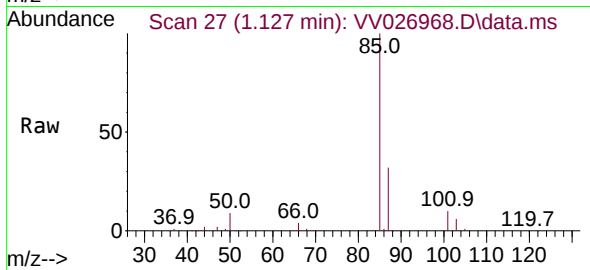




#2
 Dichlorodifluoromethane
 Concen: 42.816 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026968.D
 Acq: 26 Jul 2022 22:03

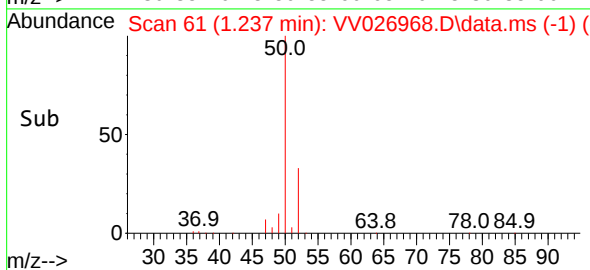
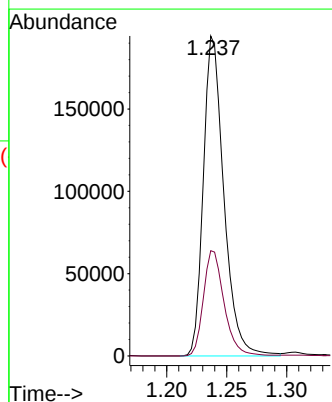
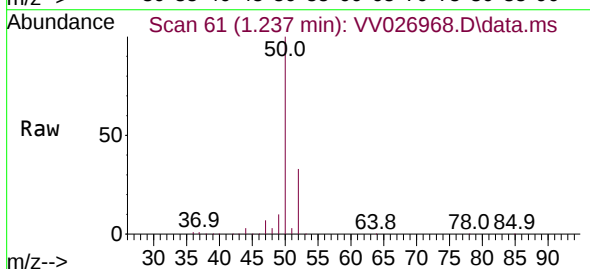
Instrument :
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 ClientSampleId :
 DBUP2MS

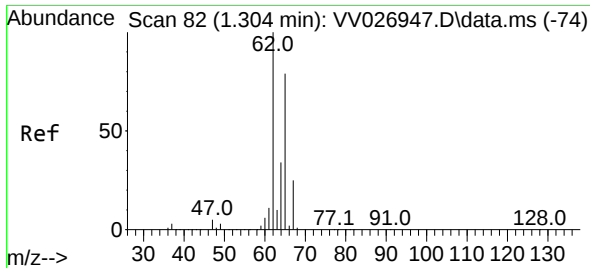
Tgt Ion: 85 Resp: 231294
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.1 39.1



#3
 Chloromethane
 Concen: 45.981 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV026968.D
 Acq: 26 Jul 2022 22:03

Tgt Ion: 50 Resp: 232281
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.1 42.9

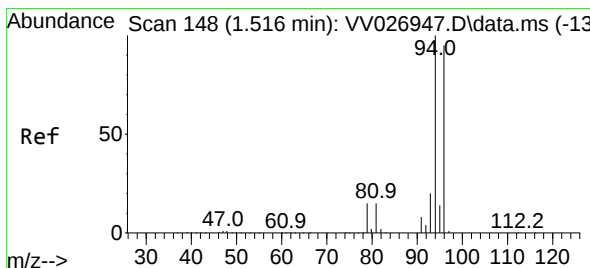
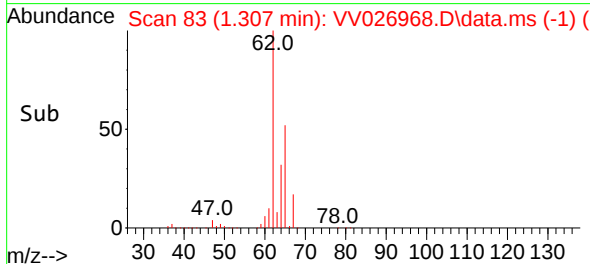
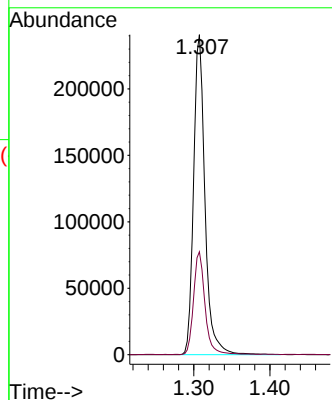
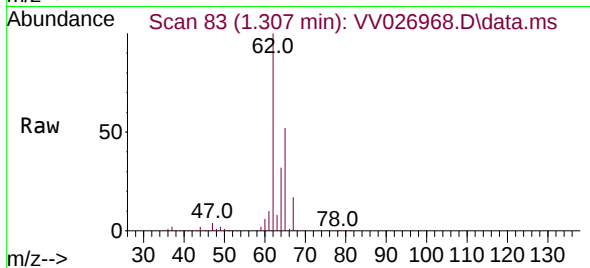




#5
 Vinyl chloride
 Concen: 46.599 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026968.D
 Acq: 26 Jul 2022 22:03

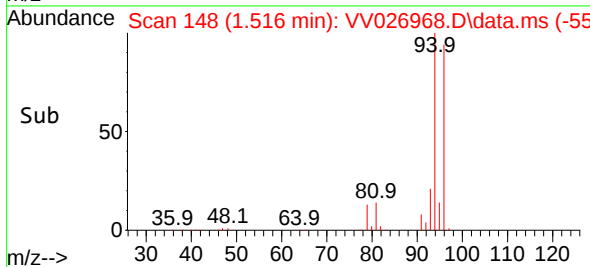
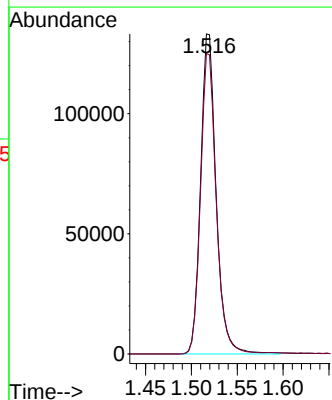
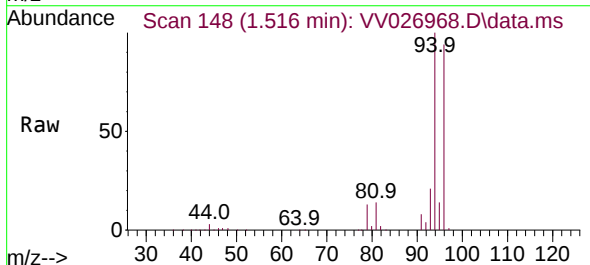
Instrument :
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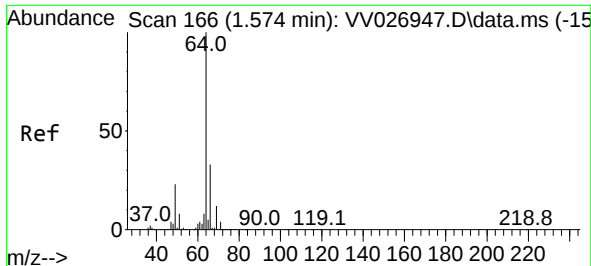
Tgt Ion: 62 Resp: 250239
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.0 42.6



#6
 Bromomethane
 Concen: 48.502 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV026968.D
 Acq: 26 Jul 2022 22:03

Tgt Ion: 94 Resp: 157381
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.8 122.2

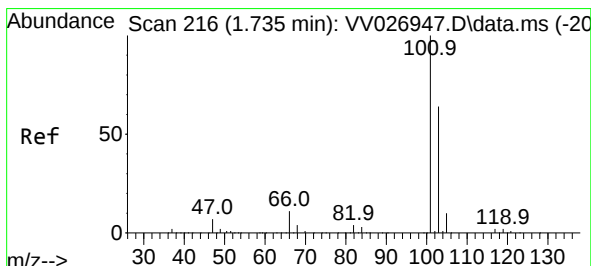
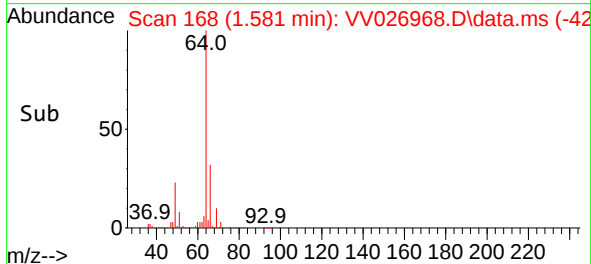
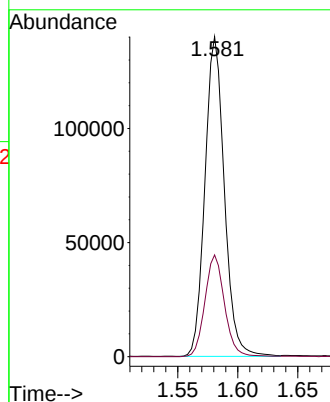
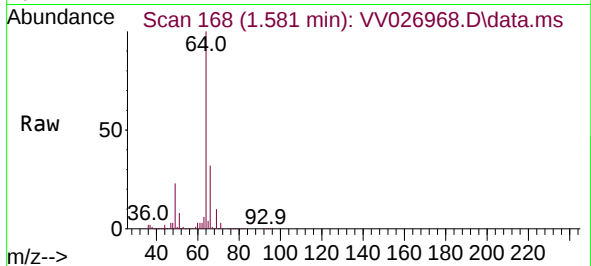




#8
Chloroethane
Concen: 49.911 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

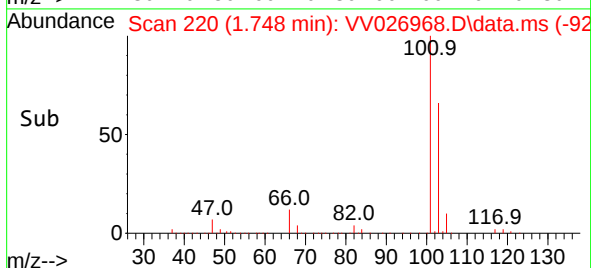
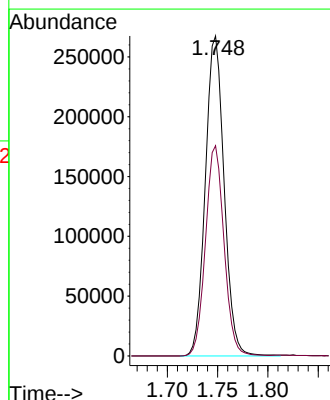
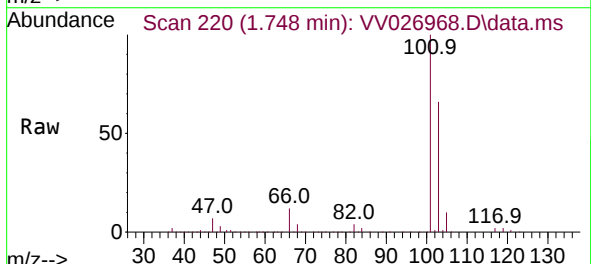
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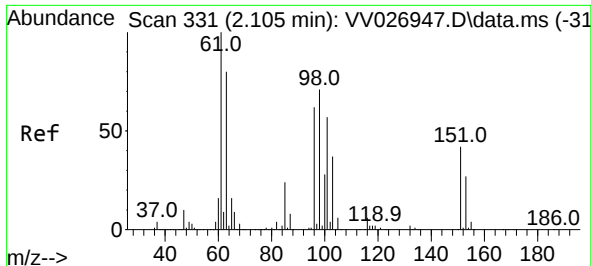
Tgt Ion: 64 Resp: 157493
Ion Ratio Lower Upper
64 100
66 31.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 46.871 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.013 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Tgt Ion:101 Resp: 346890
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8

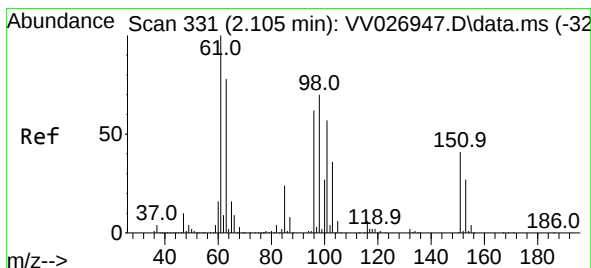
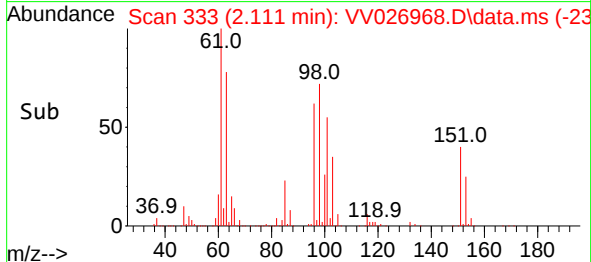
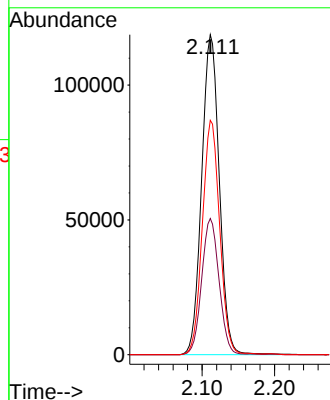
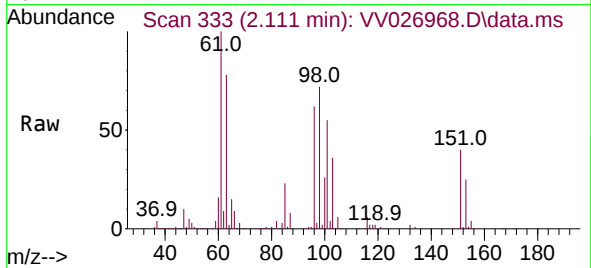




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.297 ug/L
 RT: 2.111 min Scan# 331
 Delta R.T. 0.006 min
 Lab File: VV026968.D
 Acq: 26 Jul 2022 22:03

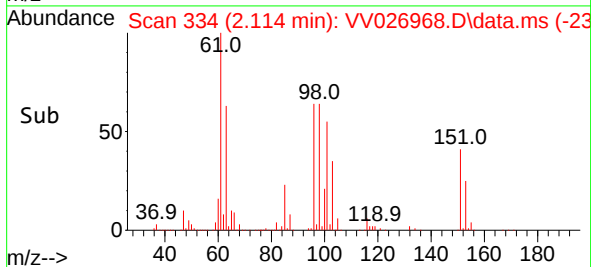
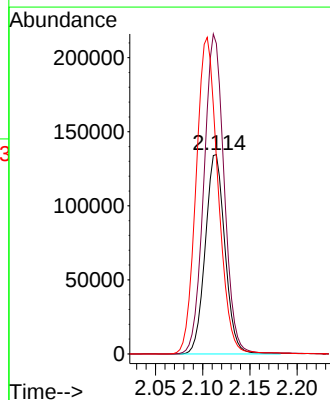
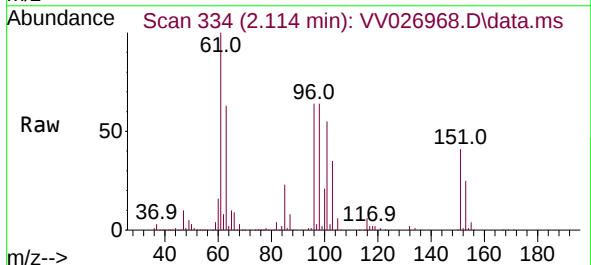
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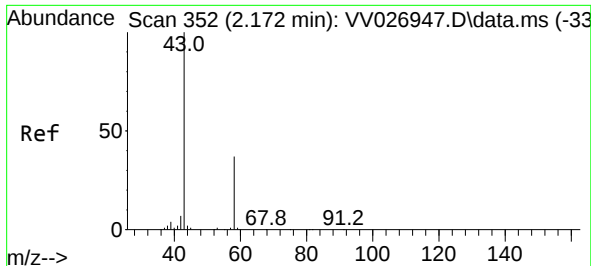
Tgt Ion:101 Resp: 200394
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.1 49.7
 151 71.8 57.1 85.7



#12
 1,1-Dichloroethene
 Concen: 48.160 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.010 min
 Lab File: VV026968.D
 Acq: 26 Jul 2022 22:03

Tgt Ion: 96 Resp: 194713
 Ion Ratio Lower Upper
 96 100
 61 155.7 114.2 212.0
 63 98.5 87.0 161.6





#13

Acetone

Concen: 106.164 ug/L

RT: 2.179 min Scan# 352

Delta R.T. 0.006 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

Instrument :

MSVOA_V

ClientSampleId :

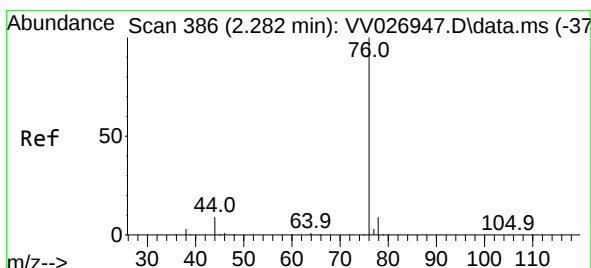
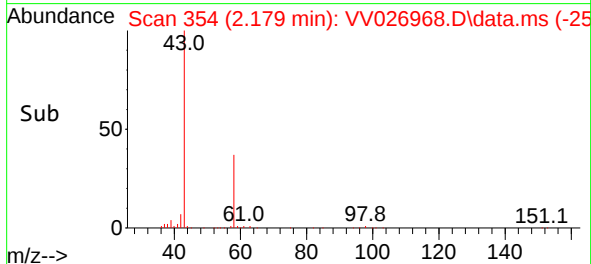
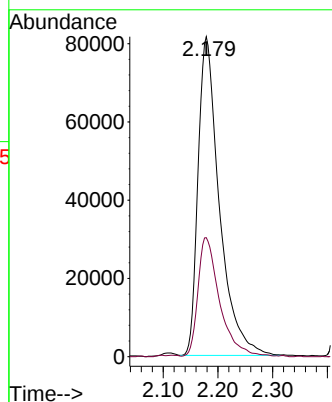
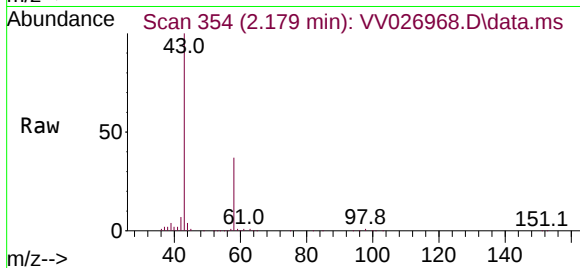
DBUP2MS

Tgt Ion: 43 Resp: 220359

Ion Ratio Lower Upper

43 100

58 37.3 0.0 72.6



#14

Carbon disulfide

Concen: 45.289 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.006 min

Lab File: VV026968.D

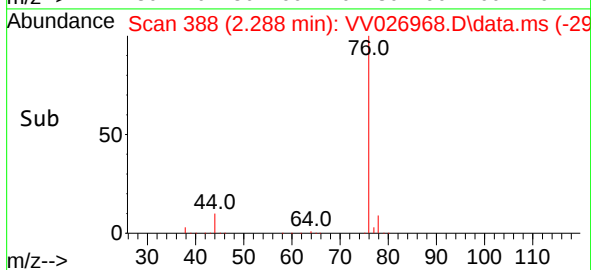
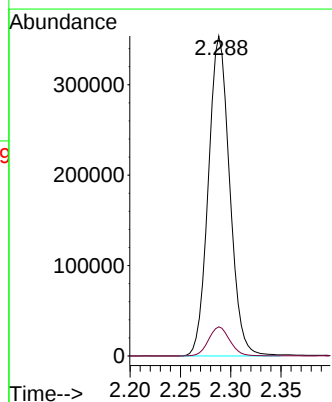
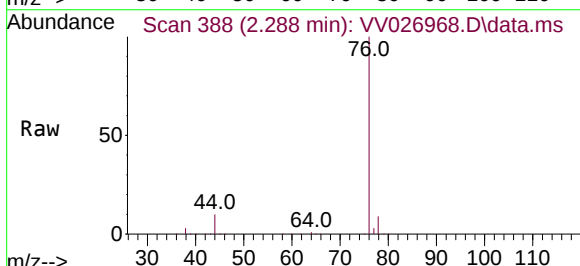
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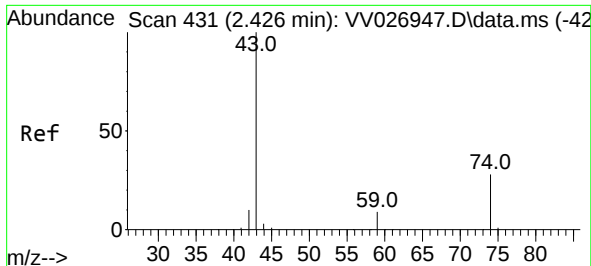
Tgt Ion: 76 Resp: 522434

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

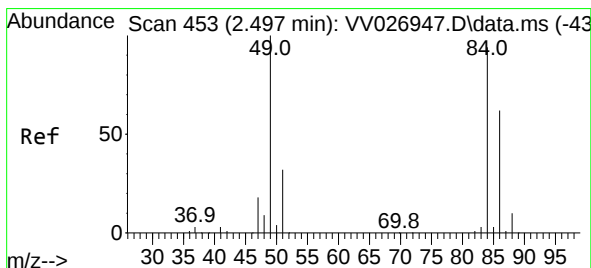
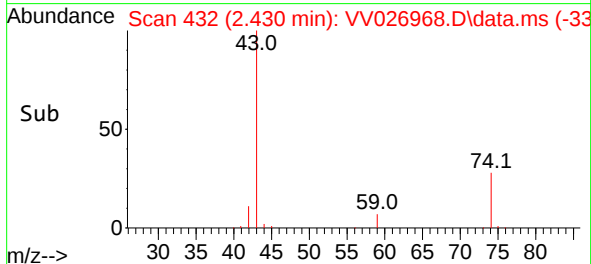
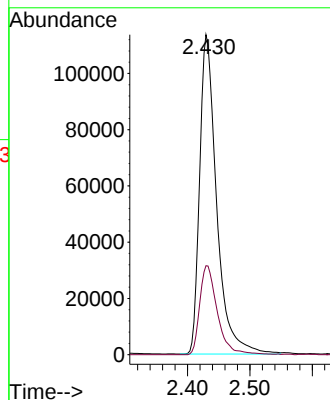
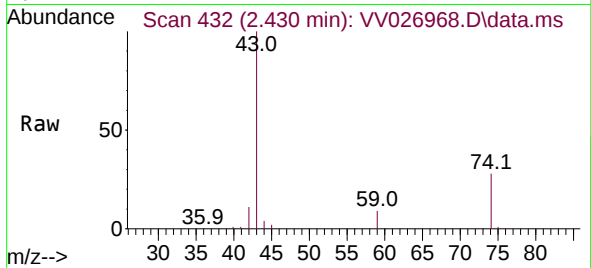




#15
Methyl Acetate
Concen: 47.060 ug/L
RT: 2.430 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

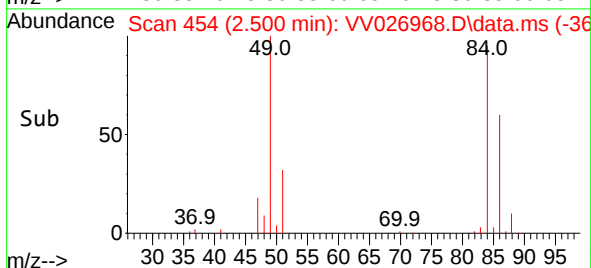
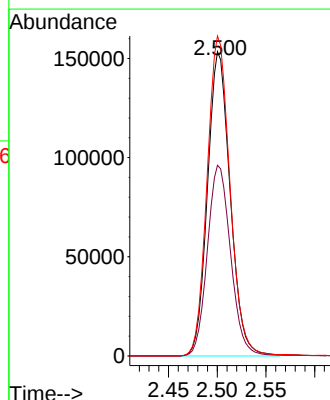
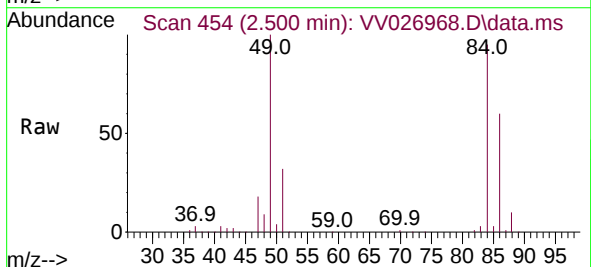
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MS

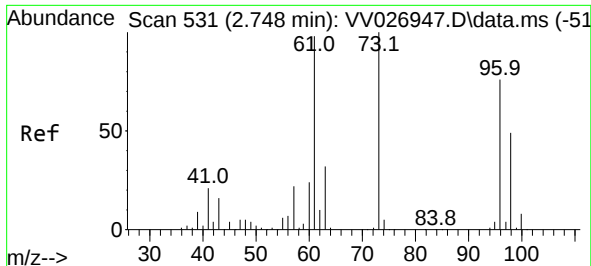
Tgt Ion: 43 Resp: 215452
Ion Ratio Lower Upper
43 100
74 28.9 22.1 33.1



#16
Methylene chloride
Concen: 48.176 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Tgt Ion: 84 Resp: 248287
Ion Ratio Lower Upper
84 100
86 62.7 44.5 82.7
49 105.2 75.0 139.2

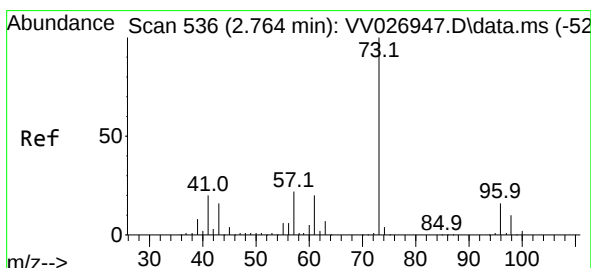
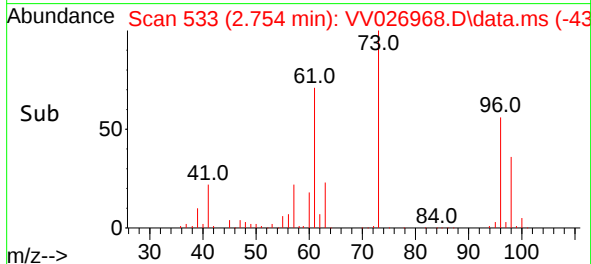
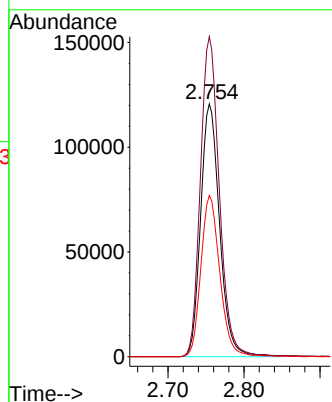
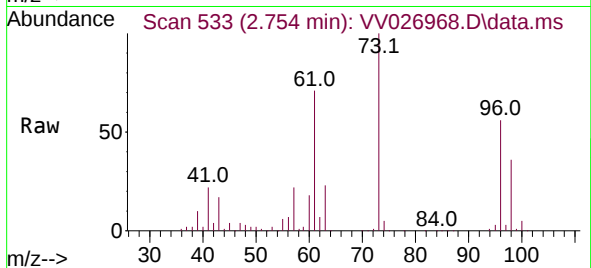




#17
trans-1,2-Dichloroethene
Concen: 48.967 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

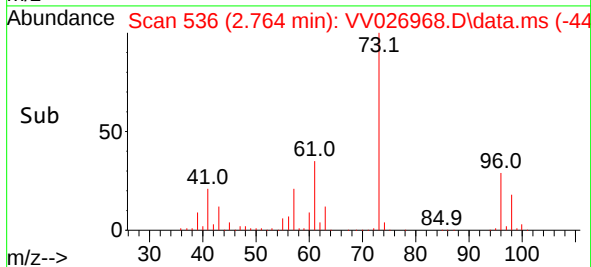
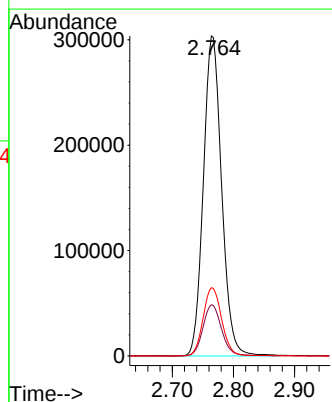
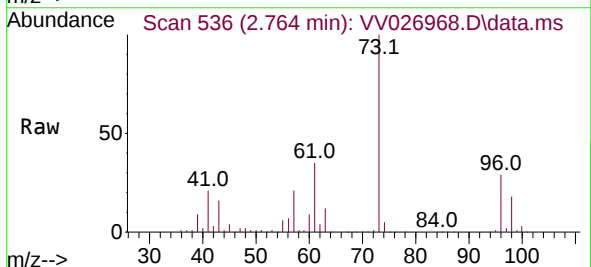
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MS

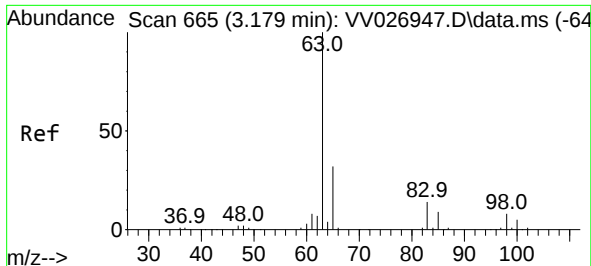
Tgt Ion: 96 Resp: 209192
Ion Ratio Lower Upper
96 100
61 126.6 89.2 165.6
98 63.7 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 53.142 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Tgt Ion: 73 Resp: 630666
Ion Ratio Lower Upper
73 100
43 16.0 12.8 19.2
57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 50.545 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

Instrument :

MSVOA_V

ClientSampleId :

DBUP2MS

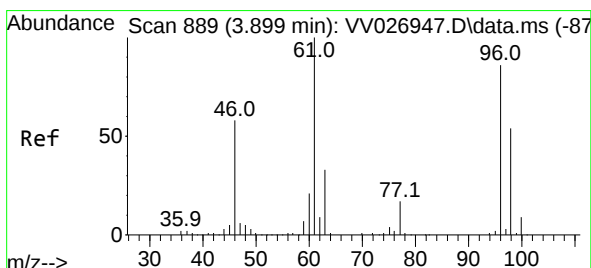
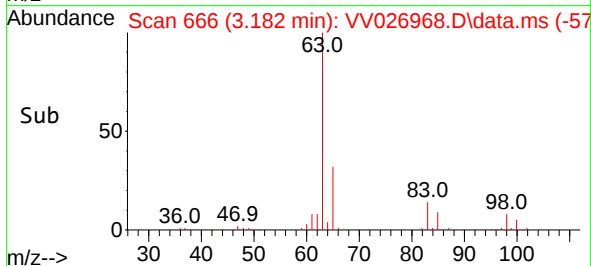
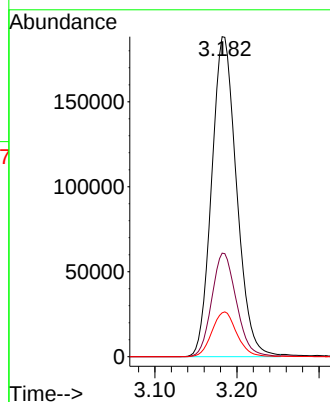
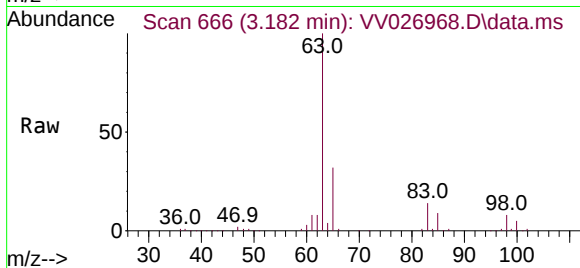
Tgt Ion: 63 Resp: 397686

Ion Ratio Lower Upper

63 100

65 32.3 22.6 42.0

83 13.7 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 51.723 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

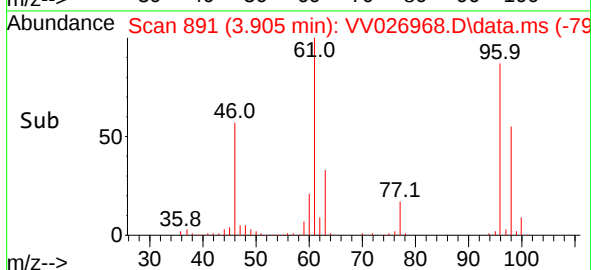
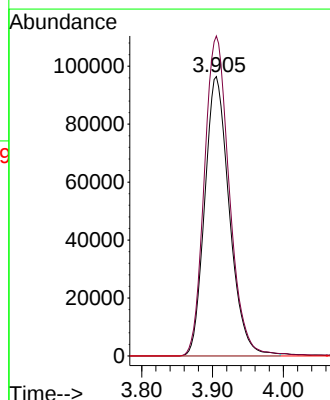
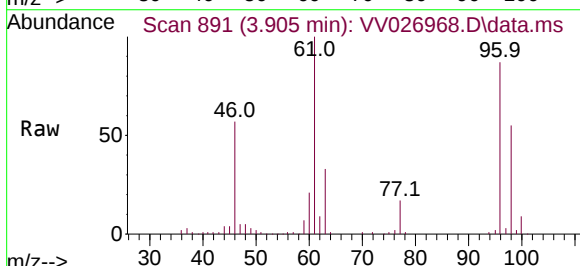
Tgt Ion: 96 Resp: 232871

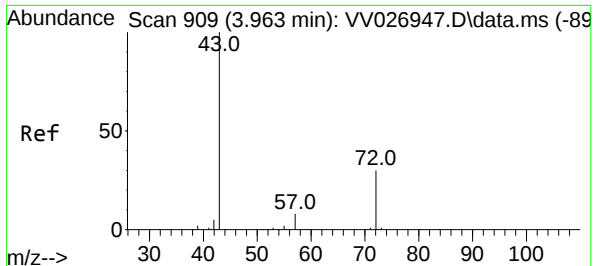
Ion Ratio Lower Upper

96 100

61 114.5 83.0 154.1

68 0.0 0.0 0.0

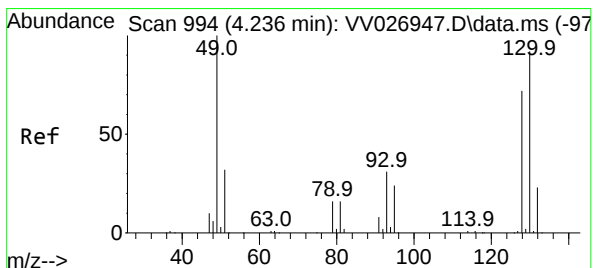
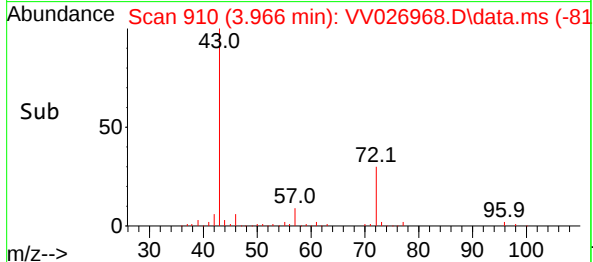
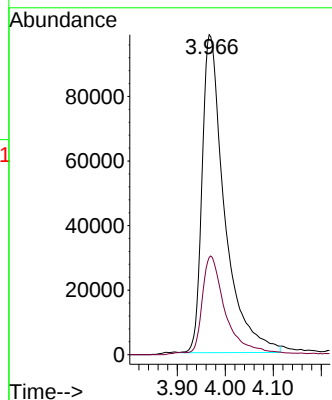
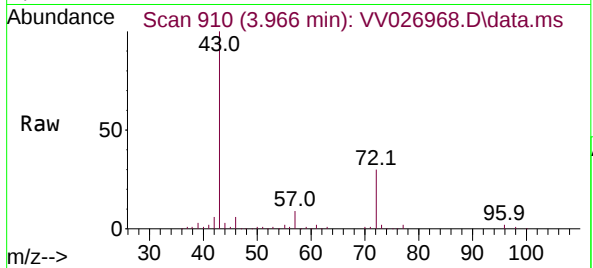




#22
2-Butanone
Concen: 113.337 ug/L
RT: 3.966 min Scan# 910
Delta R.T. 0.003 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

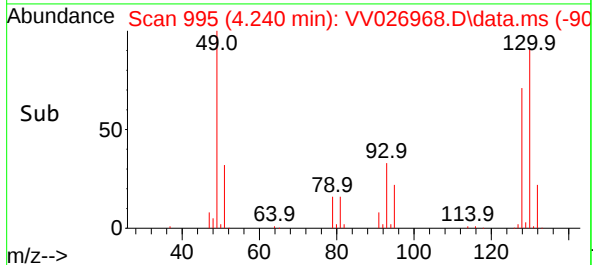
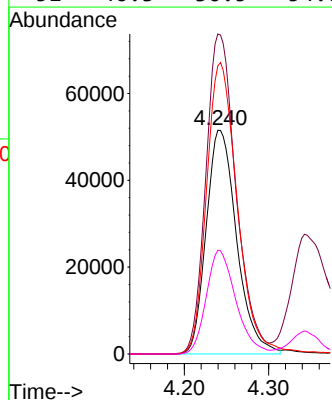
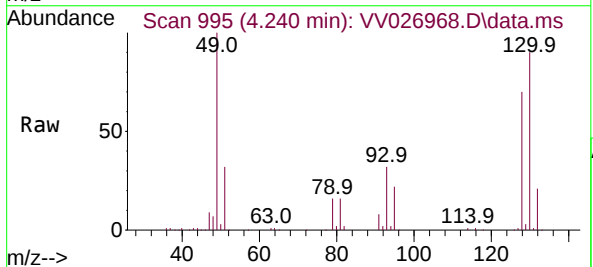
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MS

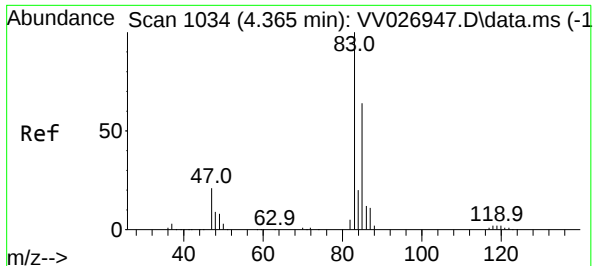
Tgt Ion: 43 Resp: 320849
Ion Ratio Lower Upper
43 100
72 31.4 14.9 44.5



#23
Bromochloromethane
Concen: 50.192 ug/L
RT: 4.240 min Scan# 995
Delta R.T. 0.003 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Tgt Ion:128 Resp: 129397
Ion Ratio Lower Upper
128 100
49 143.0 101.0 187.6
130 128.7 90.0 167.2
51 46.3 36.5 54.7

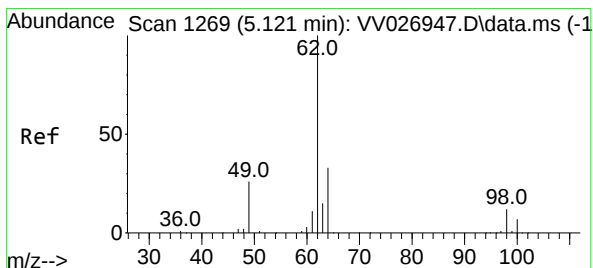
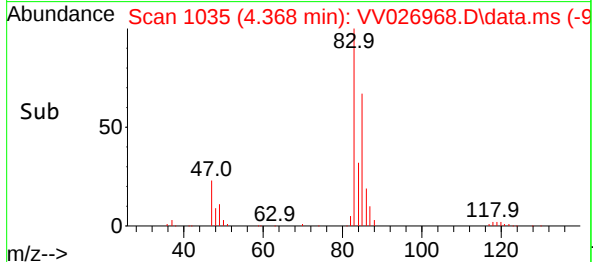
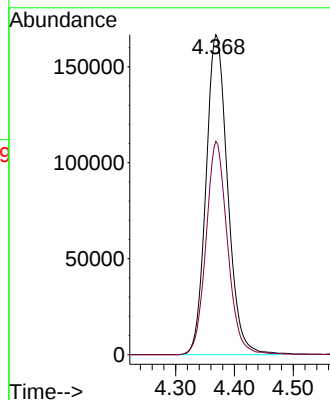
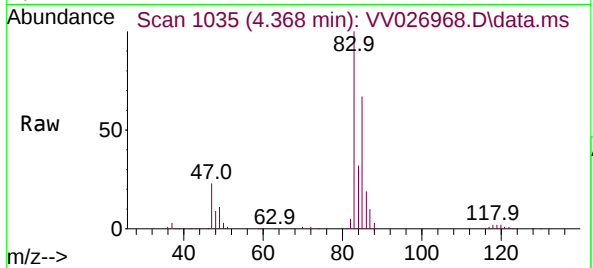




#25
Chloroform
Concen: 50.819 ug/L
RT: 4.368 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

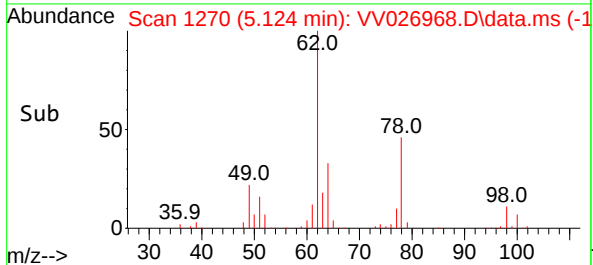
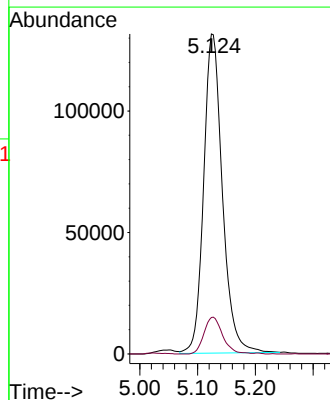
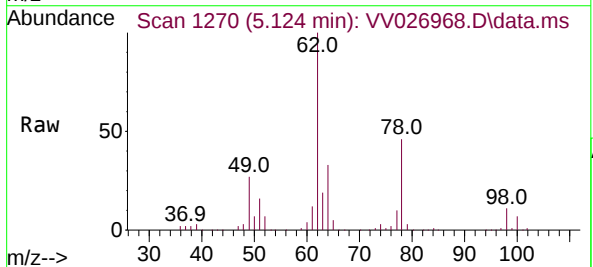
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MS

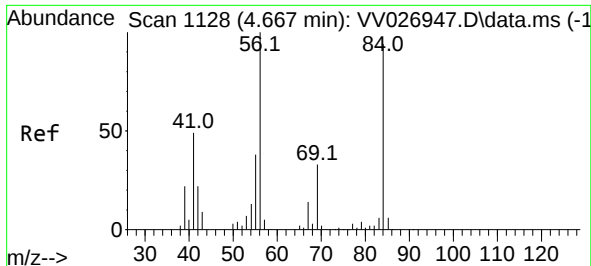
Tgt Ion: 83 Resp: 426450
Ion Ratio Lower Upper
83 100
85 66.6 45.8 85.0



#27
1,2-Dichloroethane
Concen: 50.050 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. 0.003 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Tgt Ion: 62 Resp: 296368
Ion Ratio Lower Upper
62 100
98 11.4 8.9 13.3





#29

Cyclohexane

Concen: 49.469 ug/L

RT: 4.674 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

Instrument :

MSVOA_V

ClientSampleId :

DBUP2MS

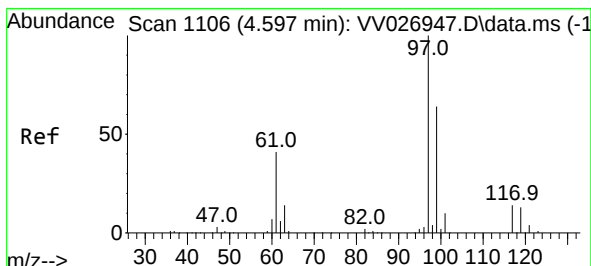
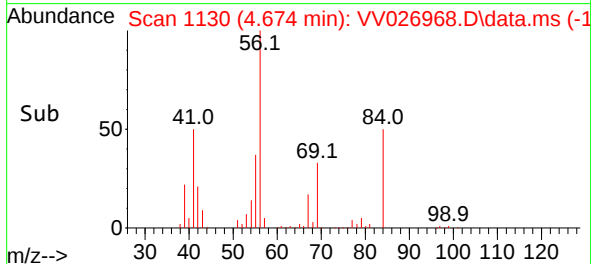
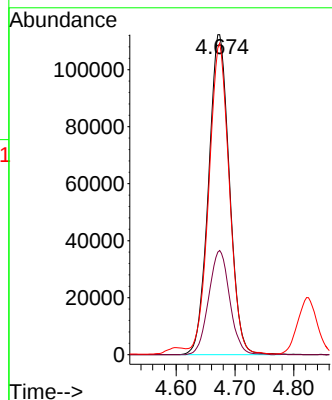
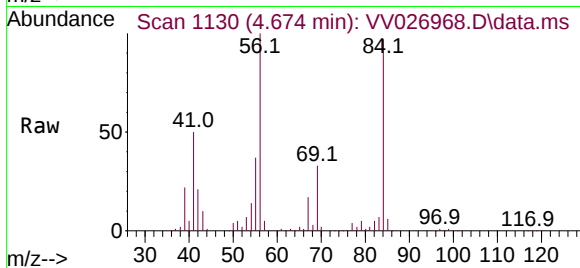
Tgt Ion: 56 Resp: 276947

Ion Ratio Lower Upper

56 100

69 32.8 25.7 38.5

84 94.7 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 50.863 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

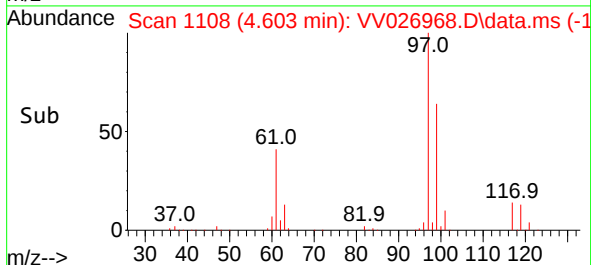
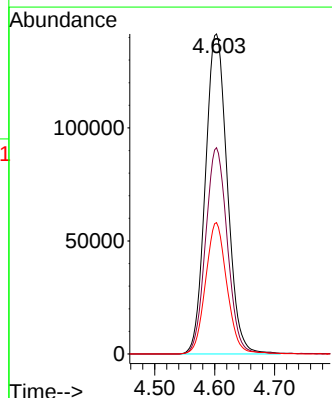
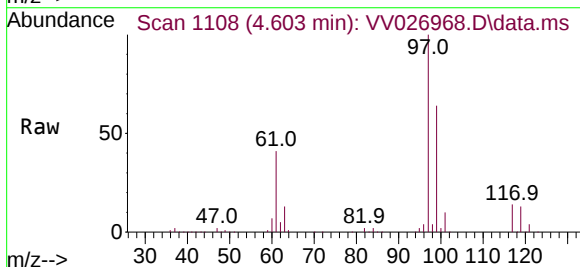
Tgt Ion: 97 Resp: 359773

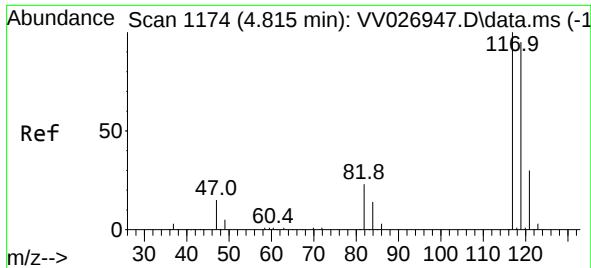
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.6

61 40.0 33.1 49.7

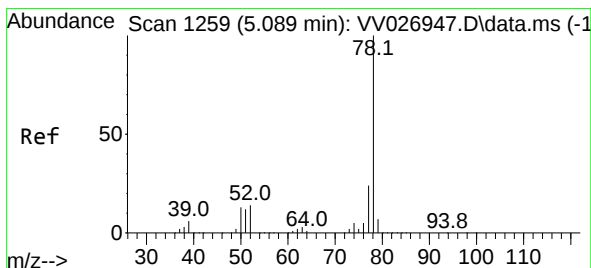
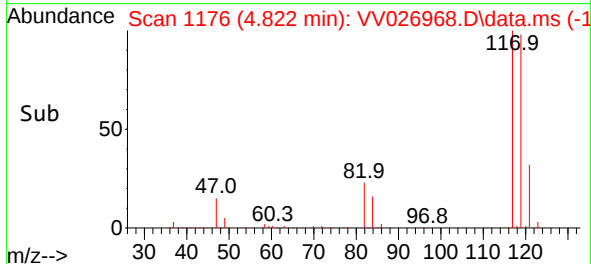
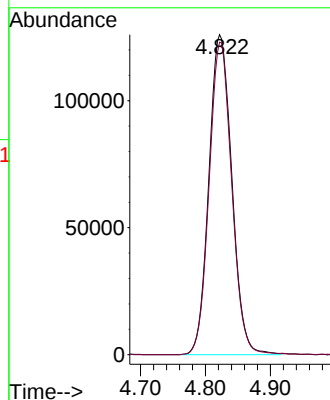
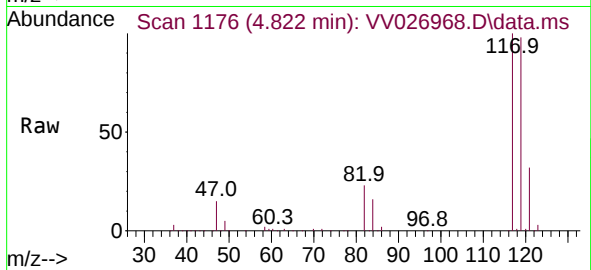




#31
Carbon tetrachloride
Concen: 49.926 ug/L
RT: 4.822 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

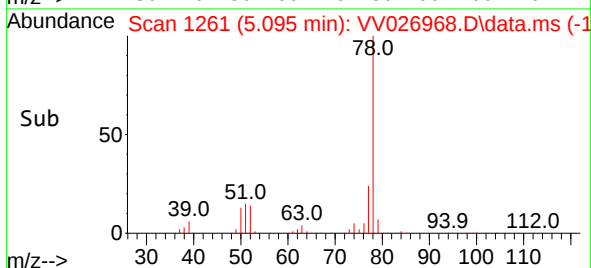
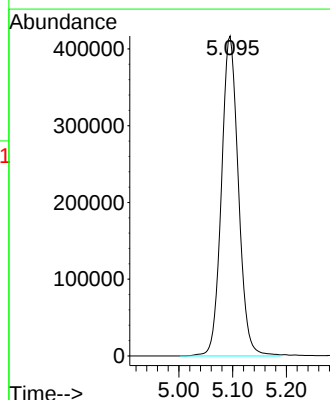
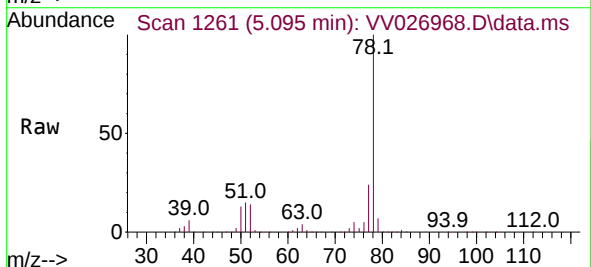
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MS

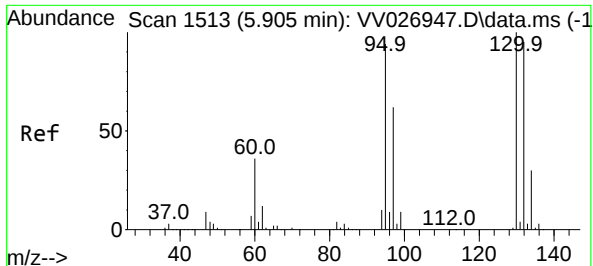
Tgt Ion:117 Resp: 309202
Ion Ratio Lower Upper
117 100
119 95.8 77.3 115.9



#33
Benzene
Concen: 53.075 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Tgt Ion: 78 Resp: 913785





#34

Trichloroethene

Concen: 49.139 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.003 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

Instrument :

MSVOA_V

ClientSampleId :

DBUP2MS

Tgt Ion: 95 Resp: 217401

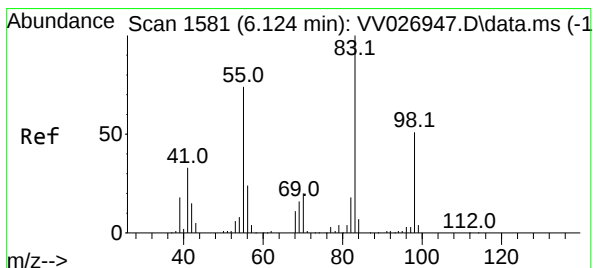
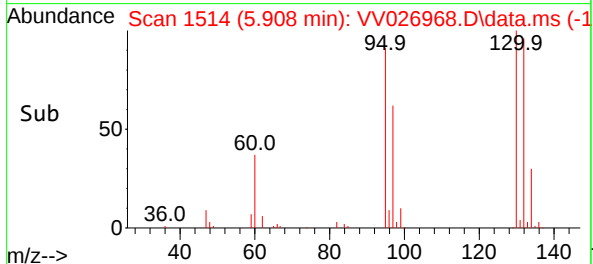
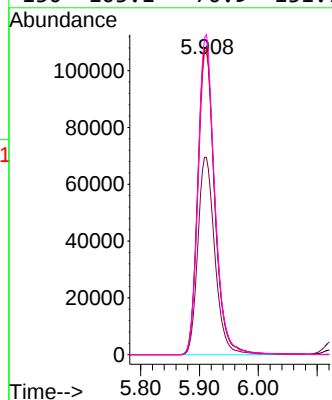
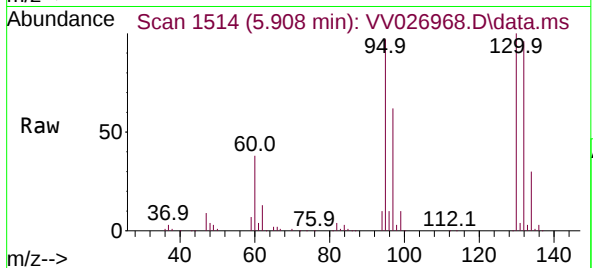
Ion Ratio Lower Upper

95 100

97 64.3 45.9 85.3

132 98.7 68.1 126.5

130 103.1 70.9 131.7



#35

Methylcyclohexane

Concen: 47.289 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

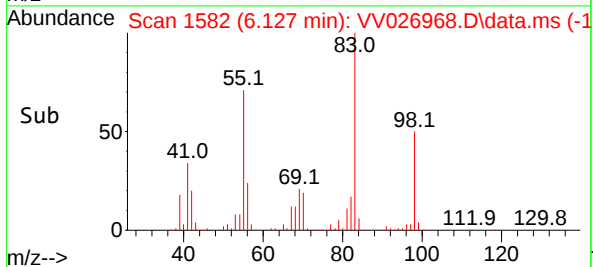
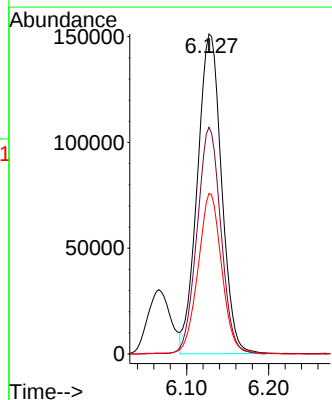
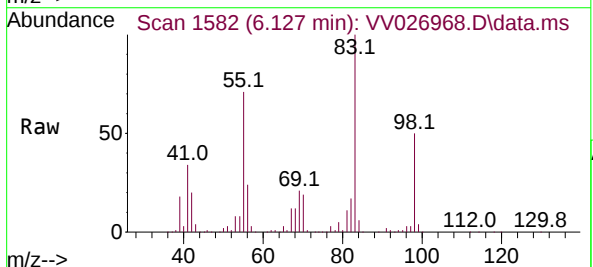
Tgt Ion: 83 Resp: 309773

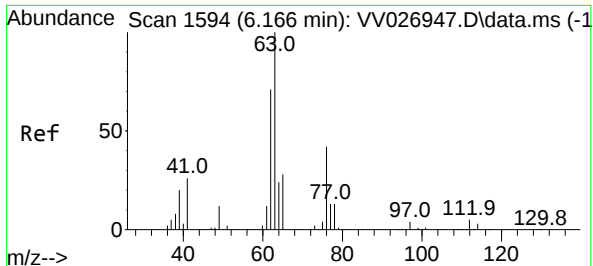
Ion Ratio Lower Upper

83 100

55 69.6 57.4 86.2

98 49.3 39.4 59.0





#37

1,2-Dichloropropane

Concen: 52.991 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

Instrument :

MSVOA_V

ClientSampleId :

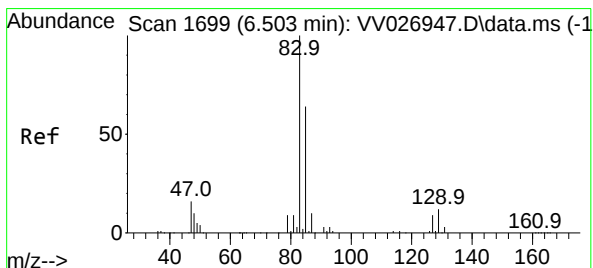
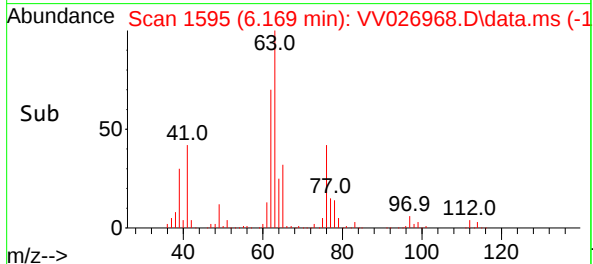
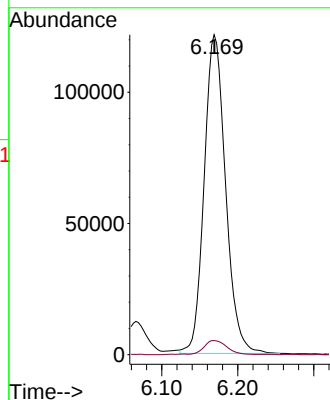
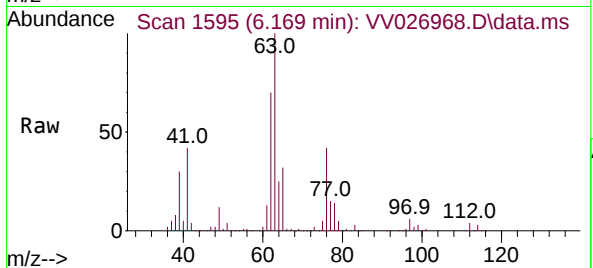
DBUP2MS

Tgt Ion: 63 Resp: 237452

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 50.690 ug/L

RT: 6.507 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

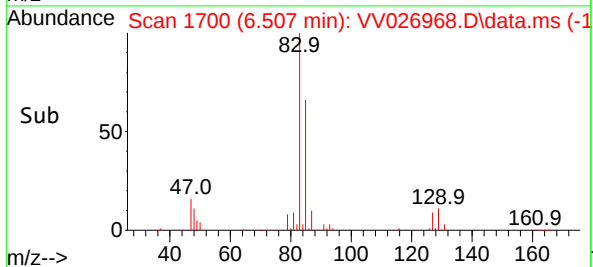
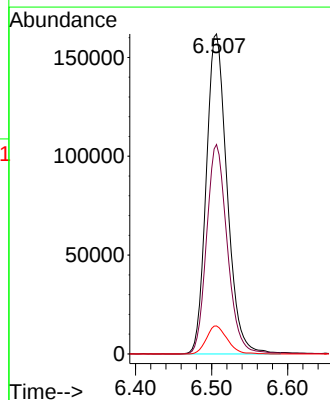
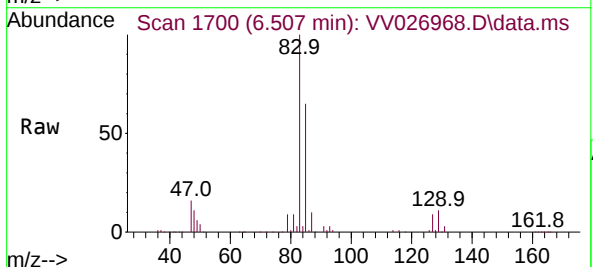
Tgt Ion: 83 Resp: 307872

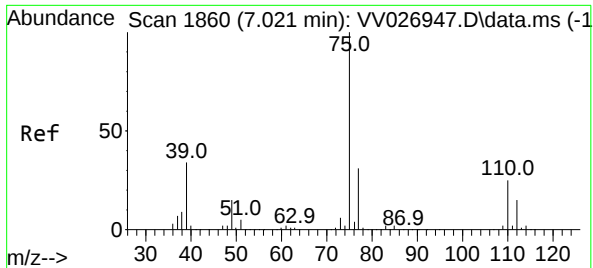
Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.9

127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 51.033 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

Instrument :

MSVOA_V

ClientSampleId :

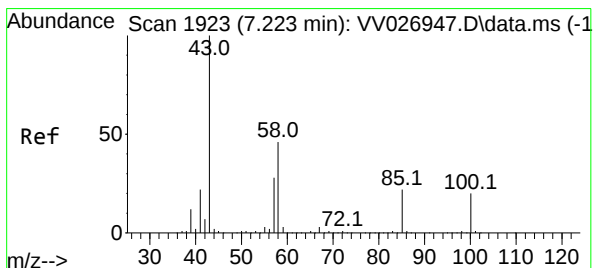
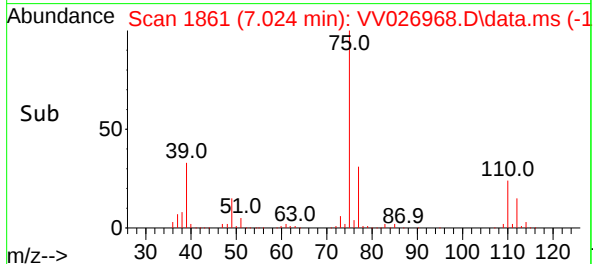
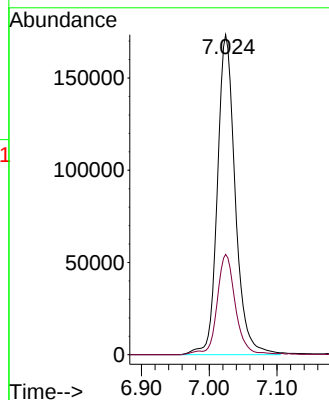
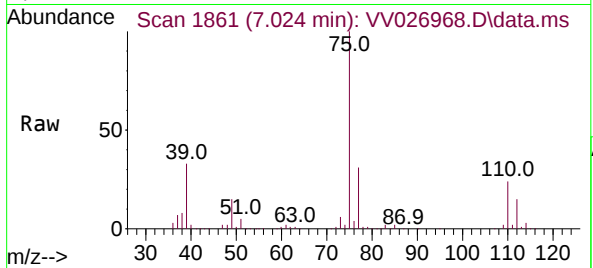
DBUP2MS

Tgt Ion: 75 Resp: 317367

Ion Ratio Lower Upper

75 100

77 31.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 112.558 ug/L

RT: 7.224 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

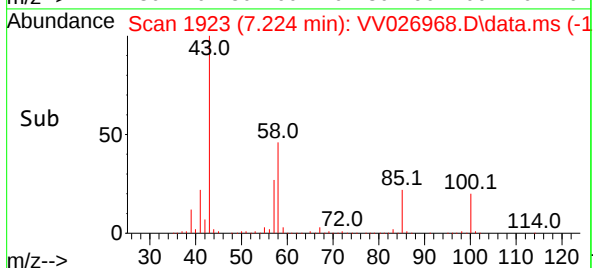
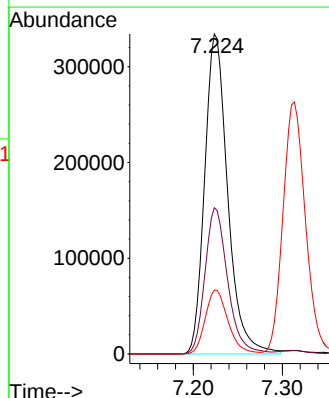
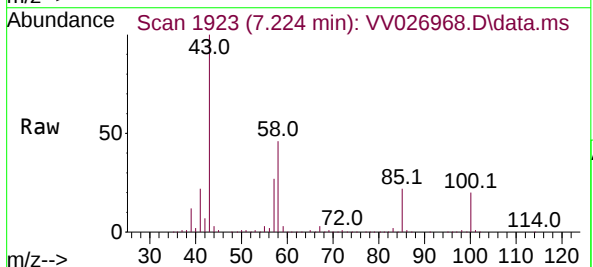
Tgt Ion: 43 Resp: 600226

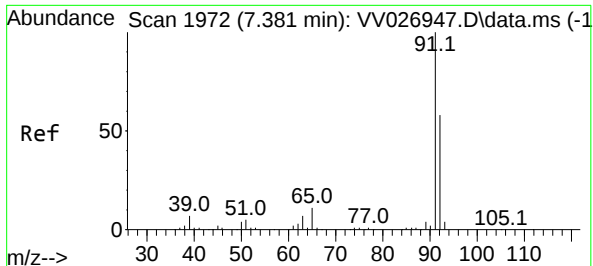
Ion Ratio Lower Upper

43 100

58 45.0 35.0 52.6

100 19.8 15.4 23.0

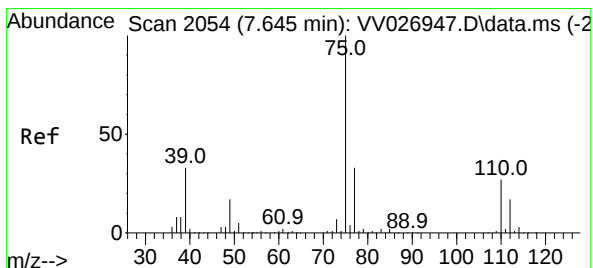
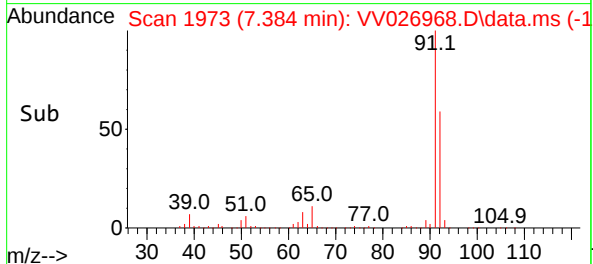
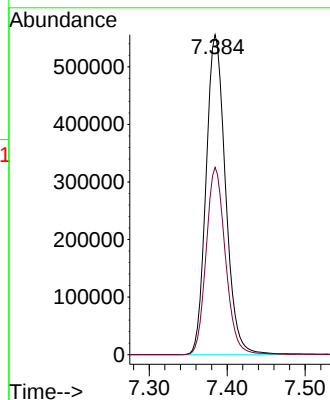
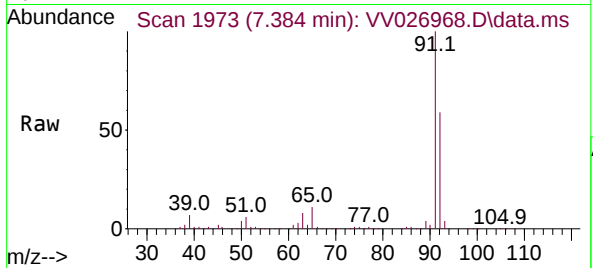




#42
Toluene
Concen: 54.763 ug/L
RT: 7.384 min Scan# 1972
Delta R.T. 0.003 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

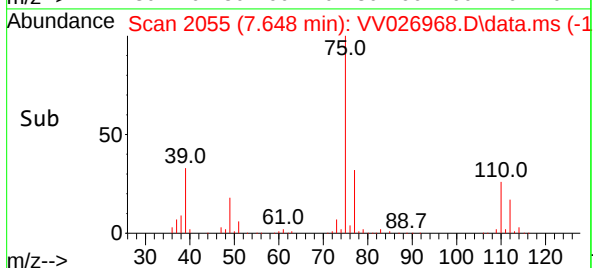
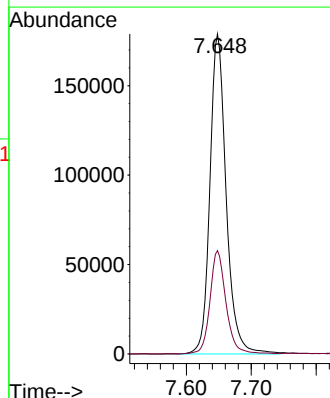
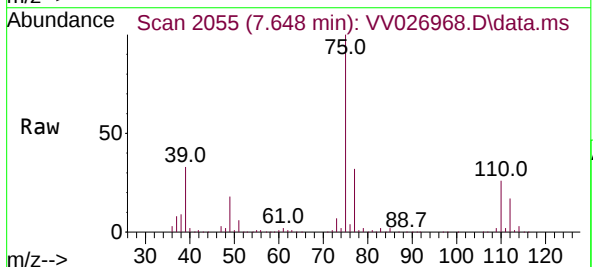
Instrument : MSVOA_V
ClientSampleId : DBUP2MS

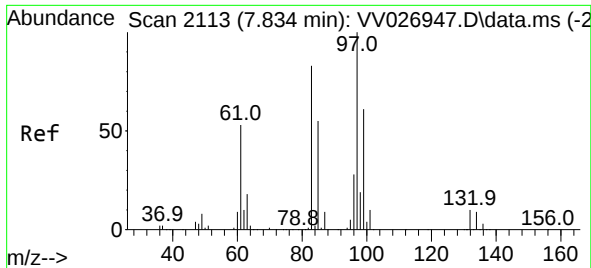
Tgt Ion: 91 Resp: 962372
Ion Ratio Lower Upper
91 100
92 58.6 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 50.799 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Tgt Ion: 75 Resp: 311540
Ion Ratio Lower Upper
75 100
77 32.3 21.3 39.6



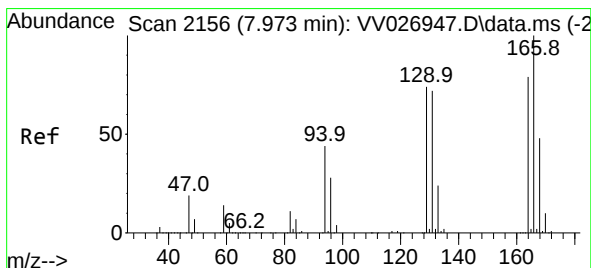
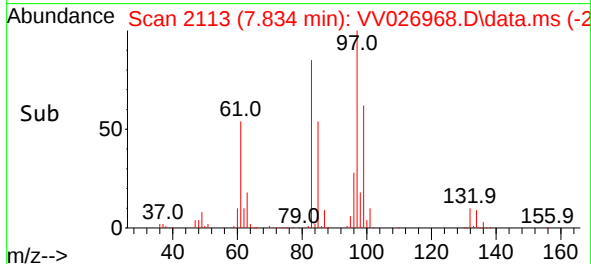
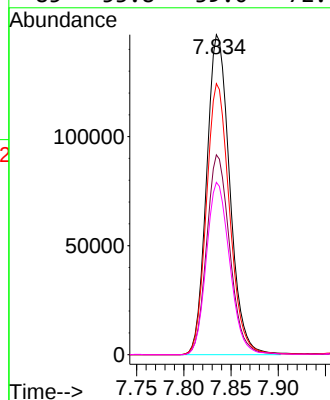
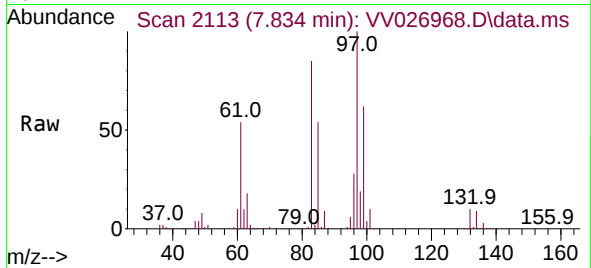


#45
1,1,2-Trichloroethane
Concen: 52.452 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Instrument :
MSVOA_V
ClientSampleId :
DBUP2MS

Tgt Ion: 97 Resp: 250297

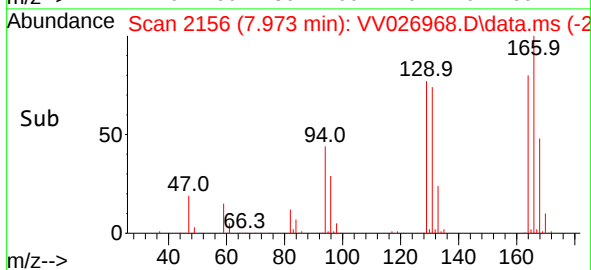
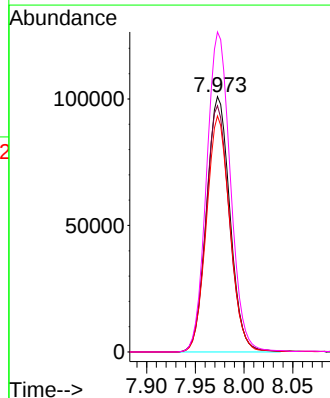
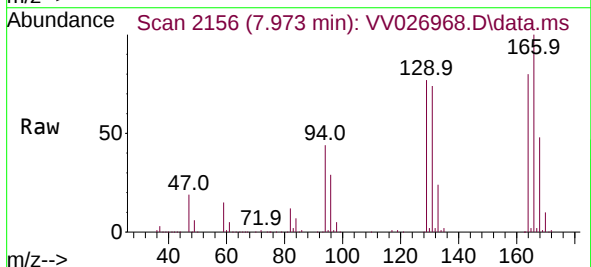
Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.0	81.8
83	84.7	59.9	111.3
85	53.8	39.0	72.4

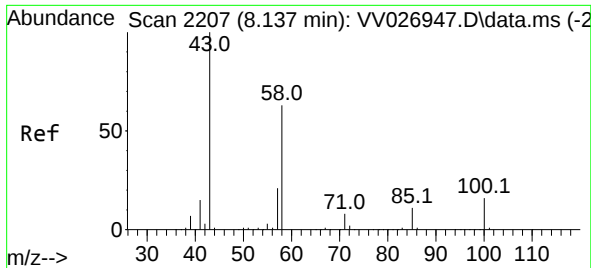


#46
Tetrachloroethene
Concen: 49.028 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Tgt Ion: 164 Resp: 169208

Ion	Ratio	Lower	Upper
164	100		
129	96.4	66.3	123.1
131	92.4	63.1	117.3
166	125.3	86.2	160.2



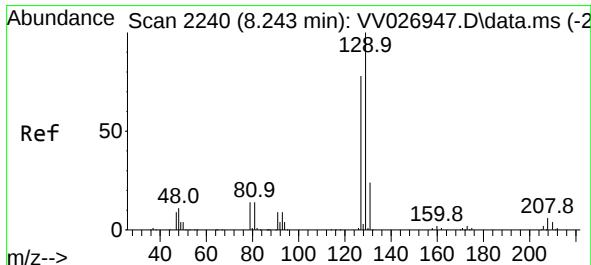
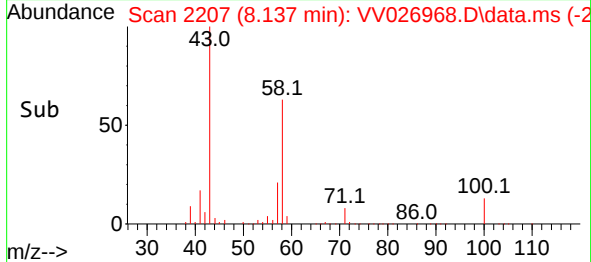
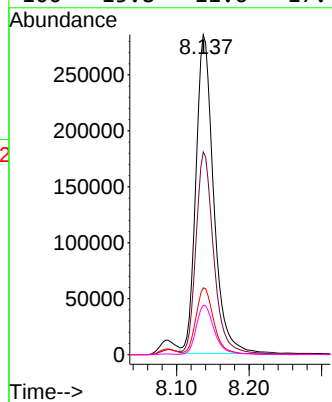
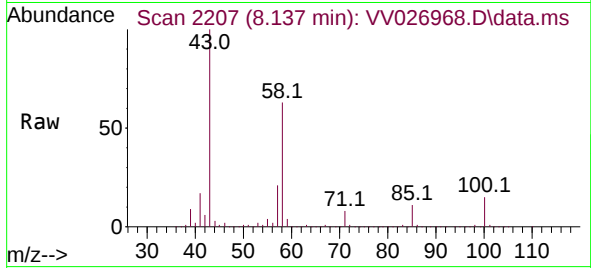


#48
2-Hexanone
Concen: 116.955 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Instrument :
MSVOA_V
ClientSampleId :
DBUP2MS

Tgt Ion: 43 Resp: 485401

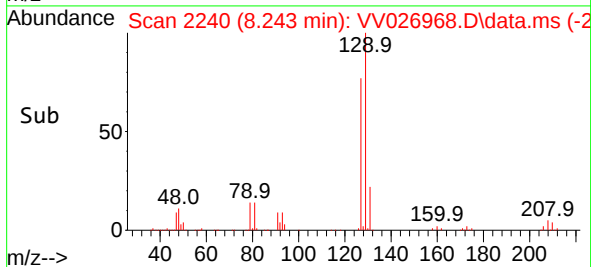
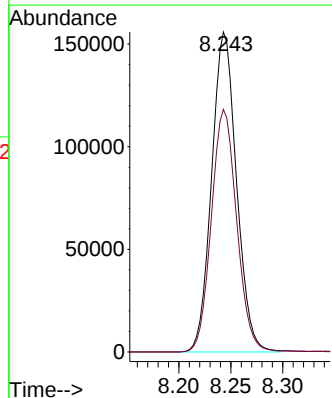
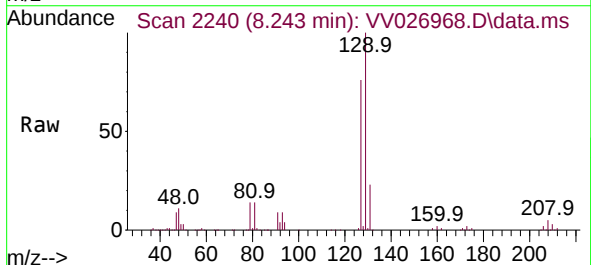
Ion	Ratio	Lower	Upper
43	100		
58	63.2	48.8	73.2
57	21.1	16.6	24.8
100	15.8	11.6	17.4

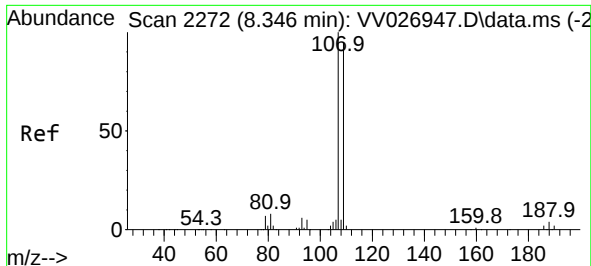


#49
Dibromochloromethane
Concen: 52.074 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Tgt Ion: 129 Resp: 259724

Ion	Ratio	Lower	Upper
129	100		
127	75.8	53.7	99.7





#50

1,2-Dibromoethane

Concen: 52.489 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

Instrument :

MSVOA_V

ClientSampleId :

DBUP2MS

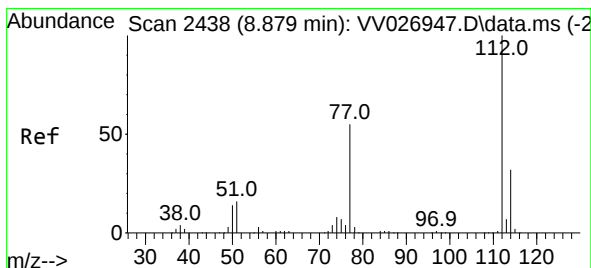
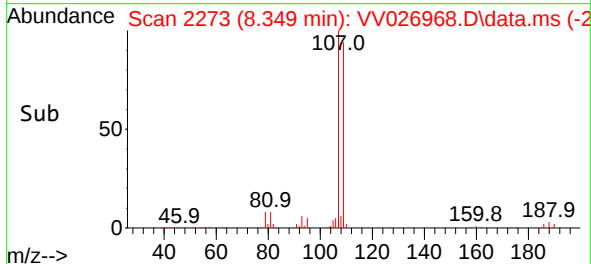
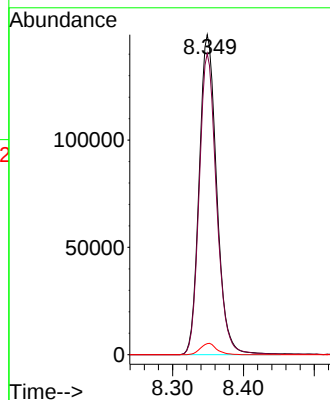
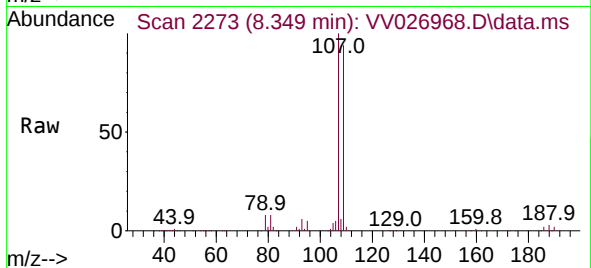
Tgt Ion:107 Resp: 256265

Ion Ratio Lower Upper

107 100

109 94.1 64.9 120.5

188 3.5 2.6 3.8



#51

Chlorobenzene

Concen: 50.572 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

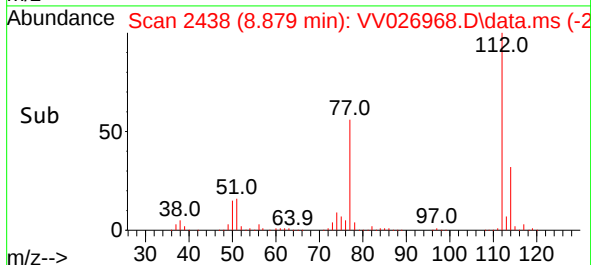
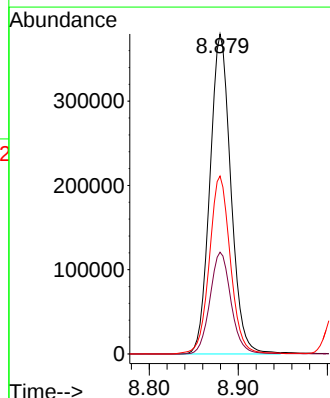
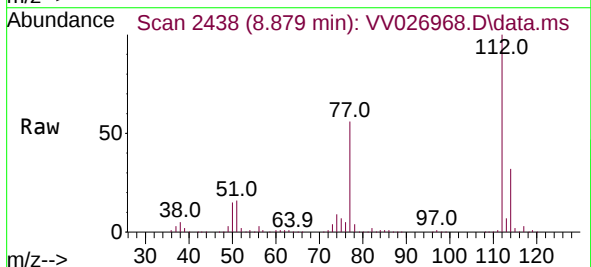
Tgt Ion:112 Resp: 619474

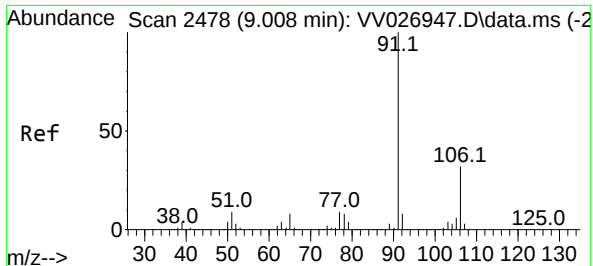
Ion Ratio Lower Upper

112 100

114 31.8 22.7 42.1

77 55.6 44.4 66.6

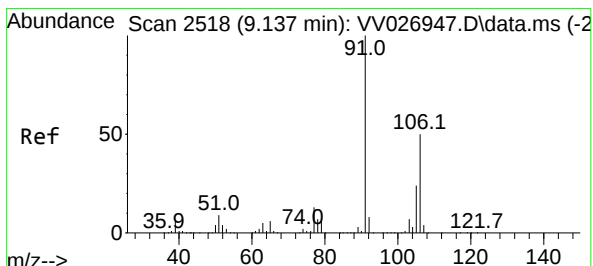
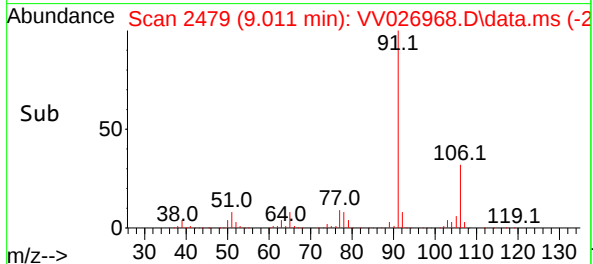
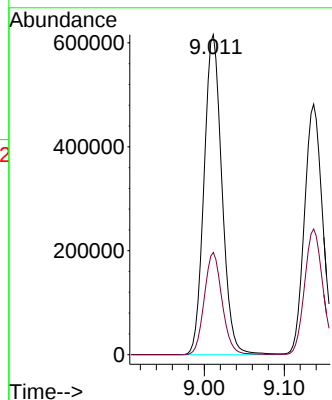
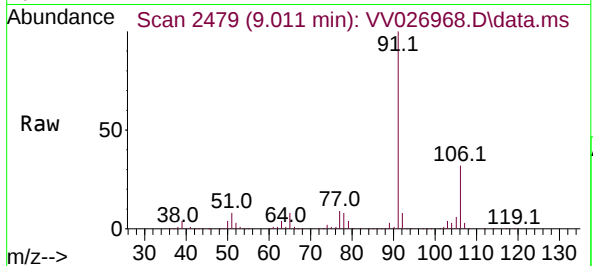




#52
Ethylbenzene
Concen: 52.597 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

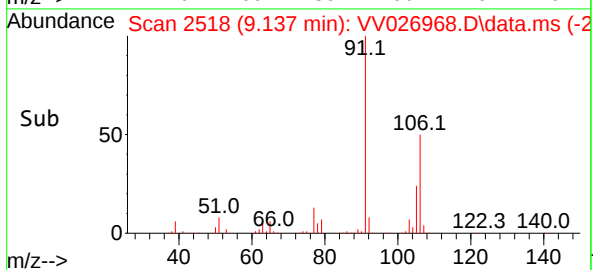
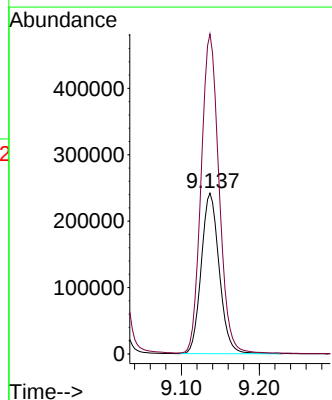
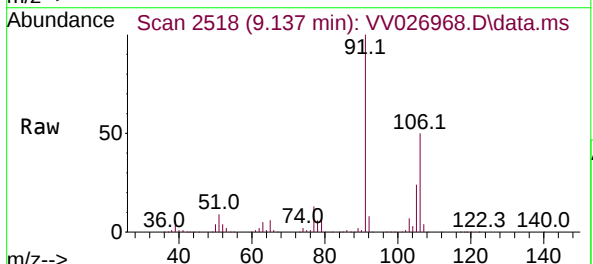
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MS

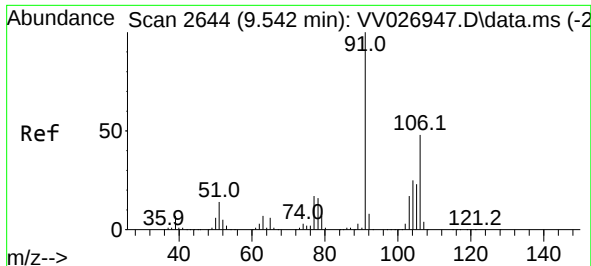
Tgt Ion: 91 Resp: 959424
Ion Ratio Lower Upper
91 100
106 31.9 22.0 40.8



#53
m,p-Xylene
Concen: 54.054 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Tgt Ion: 106 Resp: 386070
Ion Ratio Lower Upper
106 100
91 199.1 140.0 260.0

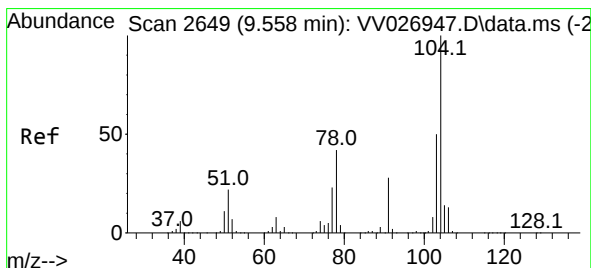
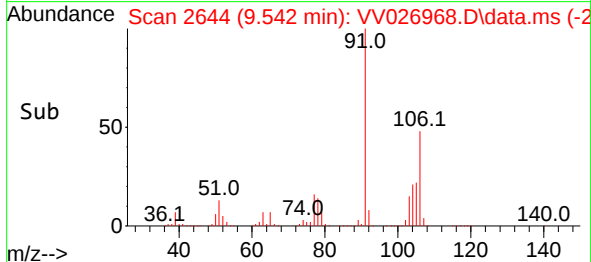
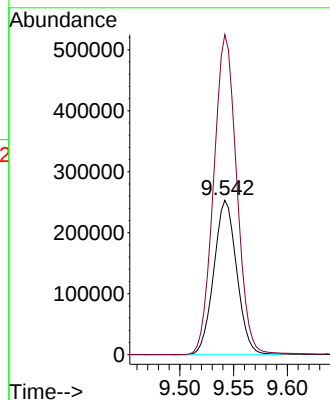
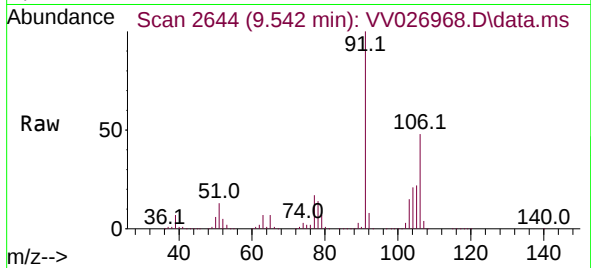




#54
o-Xylene
Concen: 54.518 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

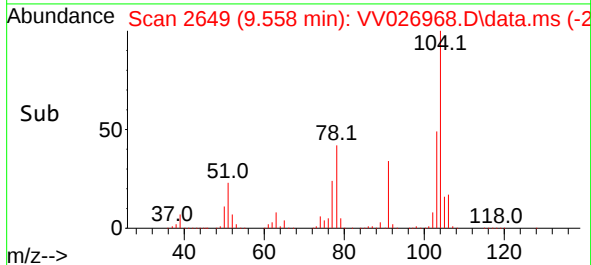
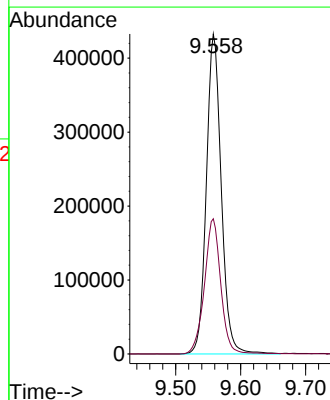
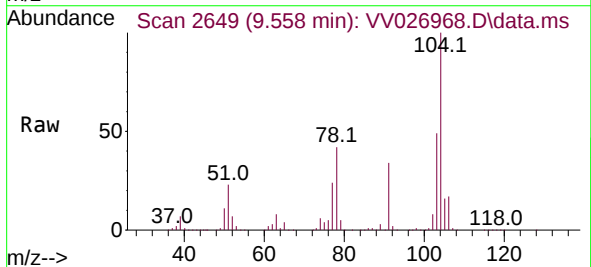
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MS

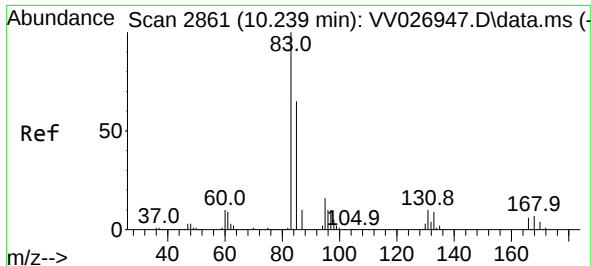
Tgt Ion:106 Resp: 375022
Ion Ratio Lower Upper
106 100
91 207.3 146.1 271.3



#55
Styrene
Concen: 56.944 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Tgt Ion:104 Resp: 691783
Ion Ratio Lower Upper
104 100
78 42.3 29.6 55.0

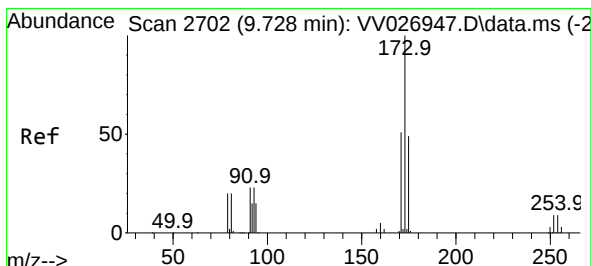
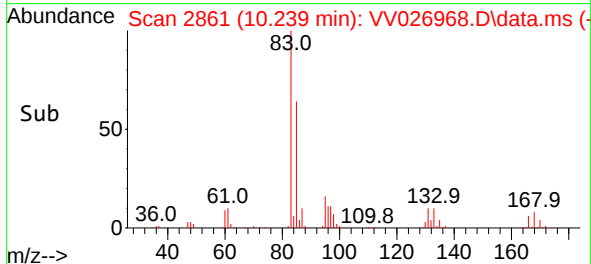
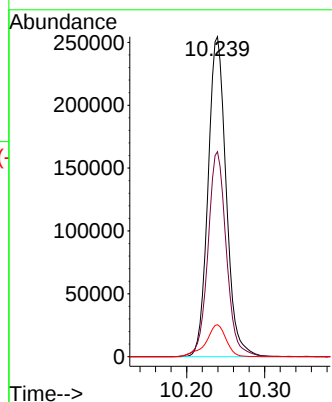
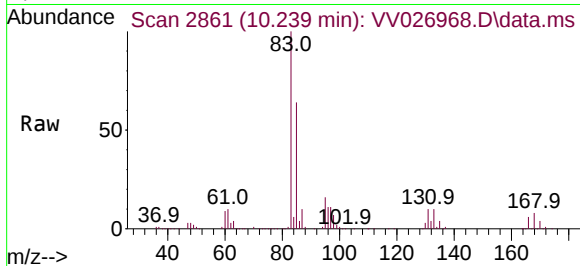




#57
 1,1,2,2-Tetrachloroethane
 Concen: 53.352 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV026968.D
 Acq: 26 Jul 2022 22:03

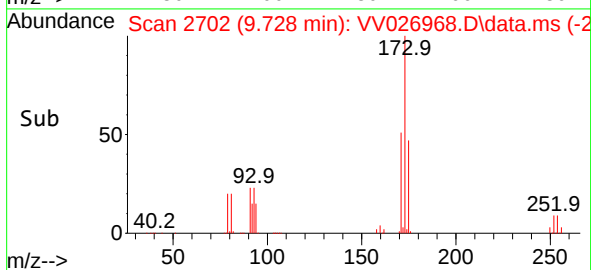
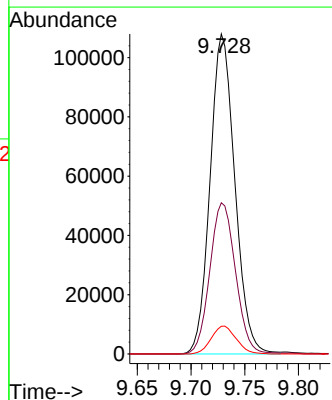
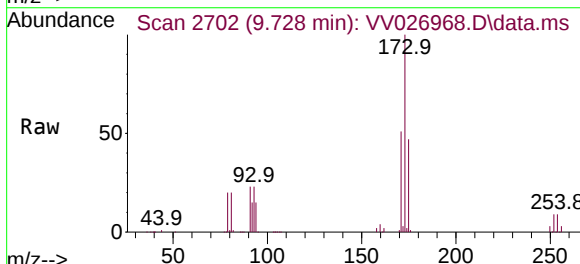
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUP2MS

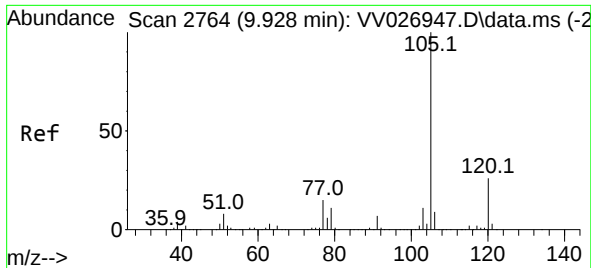
Tgt Ion: 83 Resp: 410968
 Ion Ratio Lower Upper
 83 100
 85 64.0 45.3 84.1
 131 10.0 7.8 11.6



#59
 Bromoform
 Concen: 51.674 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV026968.D
 Acq: 26 Jul 2022 22:03

Tgt Ion: 173 Resp: 173035
 Ion Ratio Lower Upper
 173 100
 175 49.0 38.6 57.8
 254 8.8 6.6 10.0

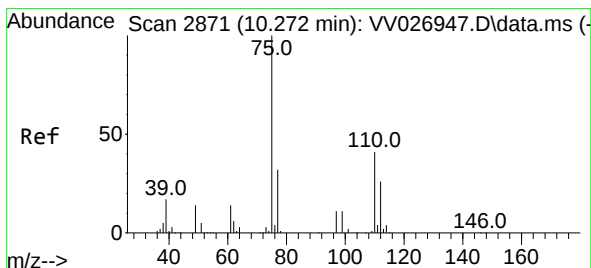
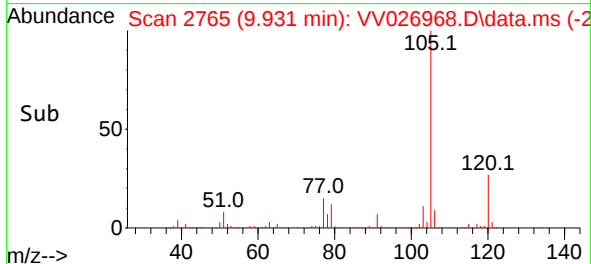
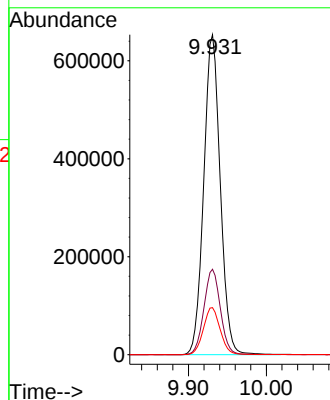
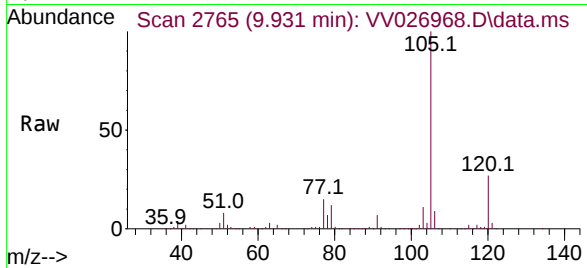




#60
Isopropylbenzene
Concen: 54.291 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

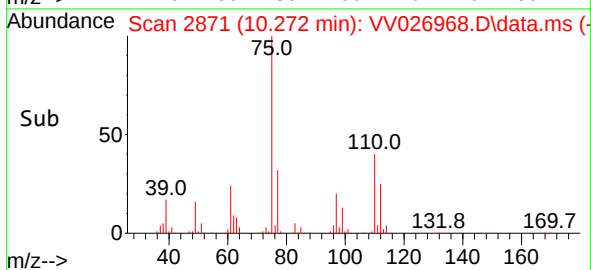
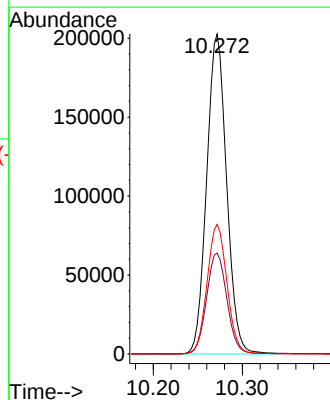
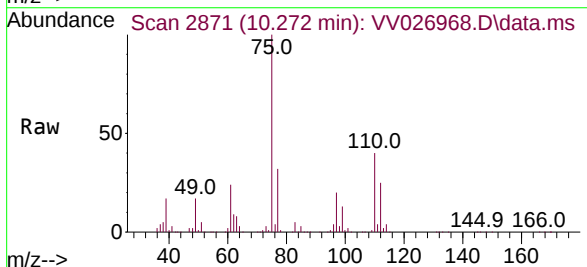
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MS

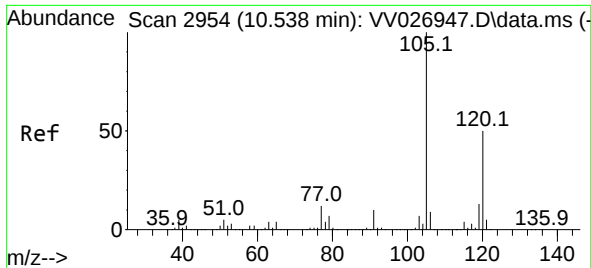
Tgt Ion:105 Resp: 961616
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 15.0 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 52.303 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Tgt Ion: 75 Resp: 314564
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
110 40.5 31.7 47.5

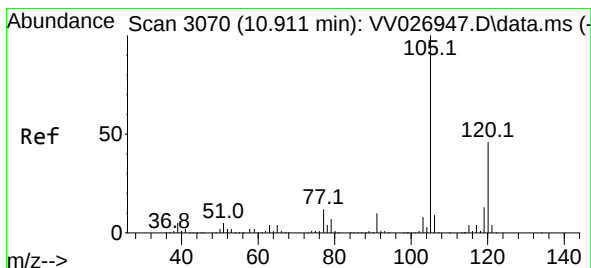
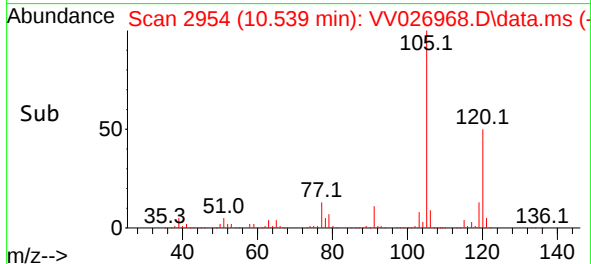
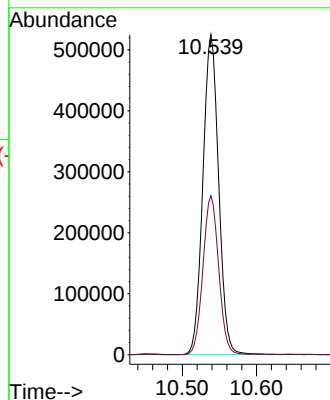
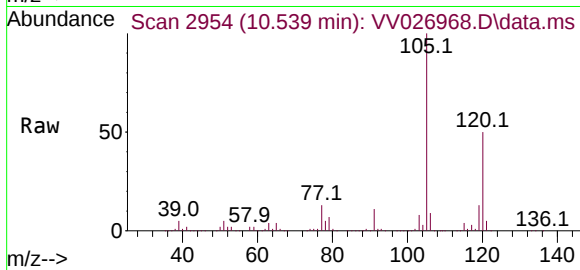




#62
 1,3,5-Trimethylbenzene
 Concen: 53.705 ug/L
 RT: 10.539 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026968.D
 Acq: 26 Jul 2022 22:03

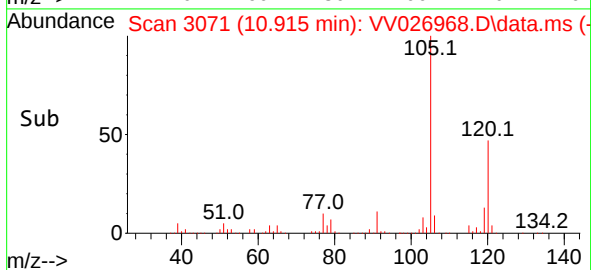
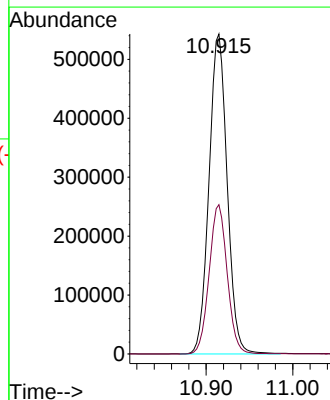
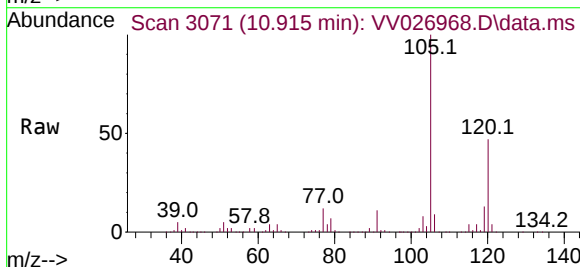
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUP2MS

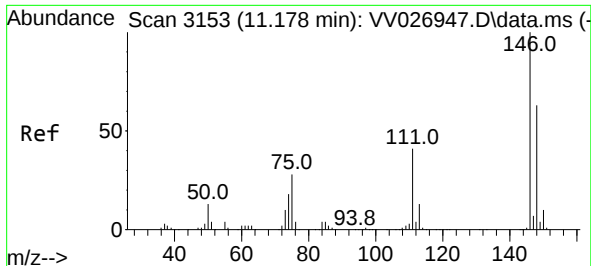
Tgt Ion:105 Resp: 773101
 Ion Ratio Lower Upper
 105 100
 120 49.7 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 54.715 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV026968.D
 Acq: 26 Jul 2022 22:03

Tgt Ion:105 Resp: 790033
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.1 55.7

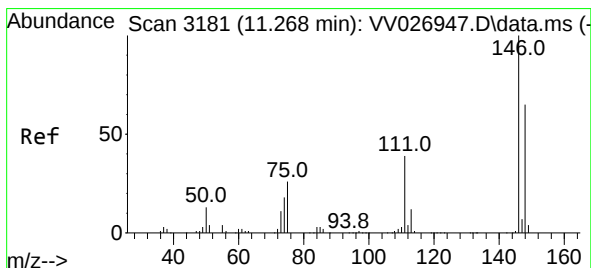
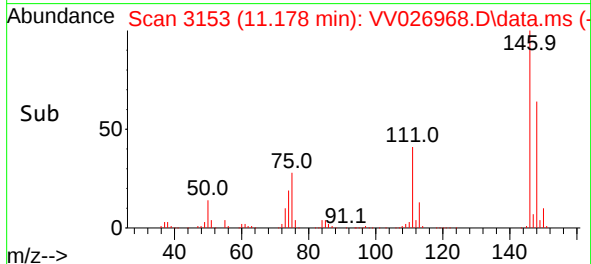
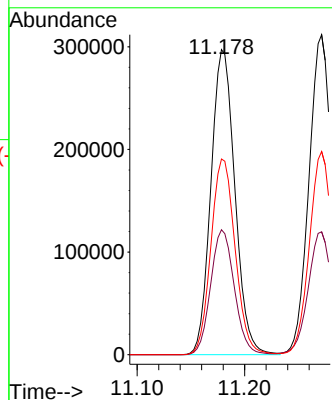
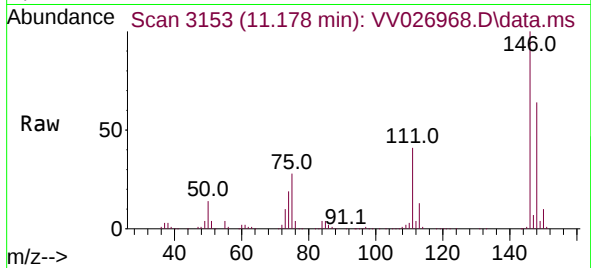




#64
1,3-Dichlorobenzene
Concen: 50.999 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

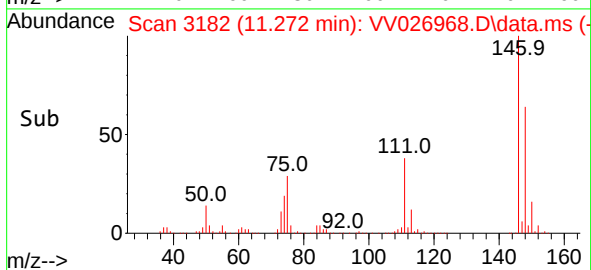
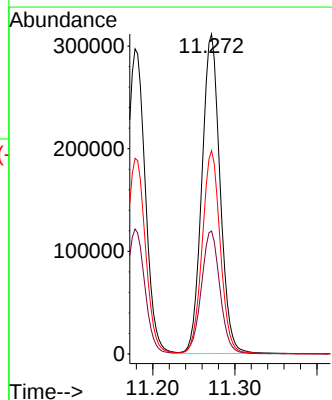
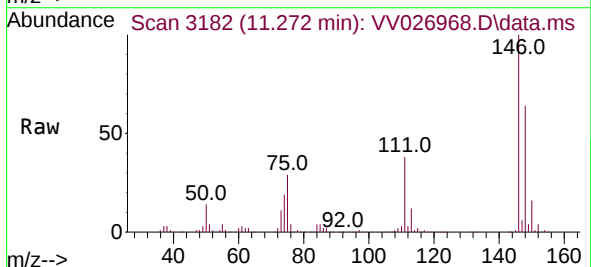
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MS

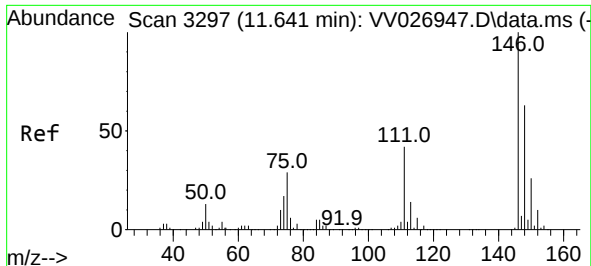
Tgt Ion:146 Resp: 461525
Ion Ratio Lower Upper
146 100
111 40.9 27.9 51.9
148 64.1 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 49.931 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Tgt Ion:146 Resp: 478795
Ion Ratio Lower Upper
146 100
111 38.4 27.4 51.0
148 63.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 52.136 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

Instrument :

MSVOA_V

ClientSampleId :

DBUP2MS

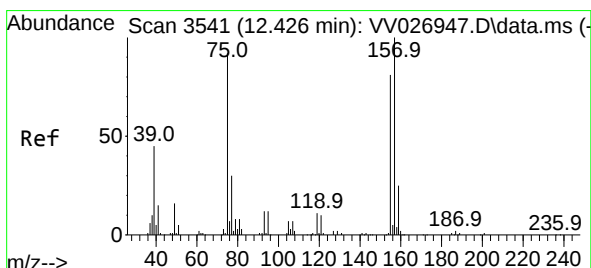
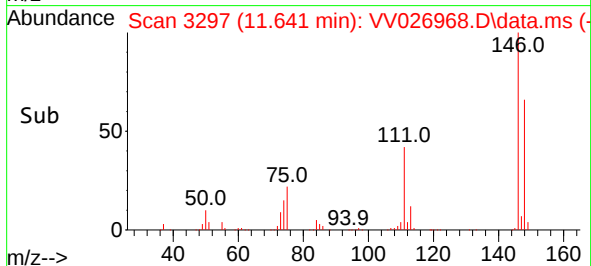
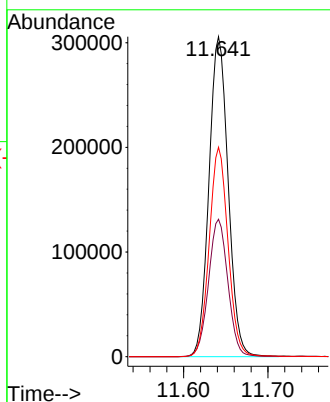
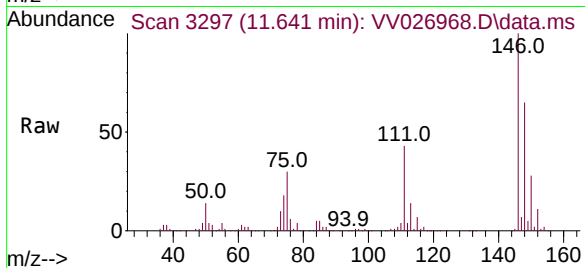
Tgt Ion:146 Resp: 484076

Ion Ratio Lower Upper

146 100

111 43.0 33.2 49.8

148 65.5 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 50.934 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

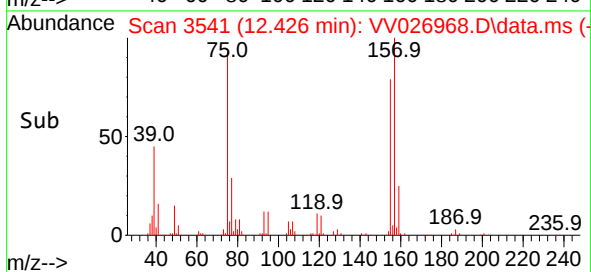
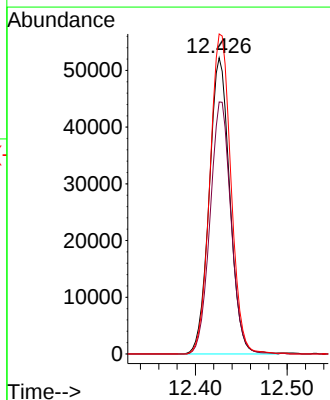
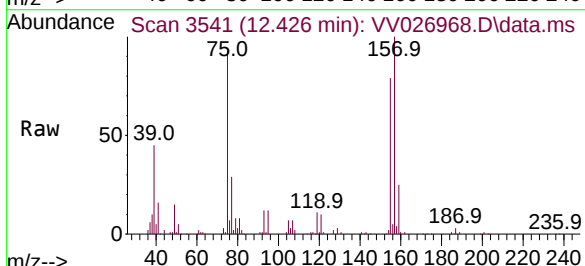
Tgt Ion: 75 Resp: 81842

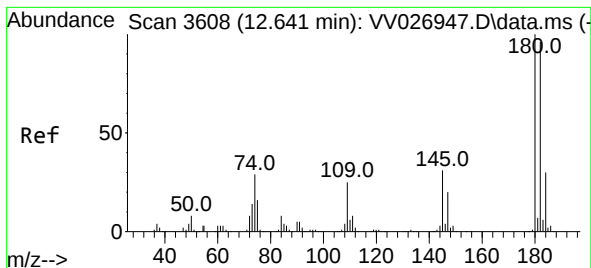
Ion Ratio Lower Upper

75 100

155 85.1 67.7 101.5

157 108.0 87.1 130.7





#69

1,3,5-Trichlorobenzene

Concen: 45.965 ug/L

RT: 12.645 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

Instrument :

MSVOA_V

ClientSampleId :

DBUP2MS

Tgt Ion:180 Resp: 294482

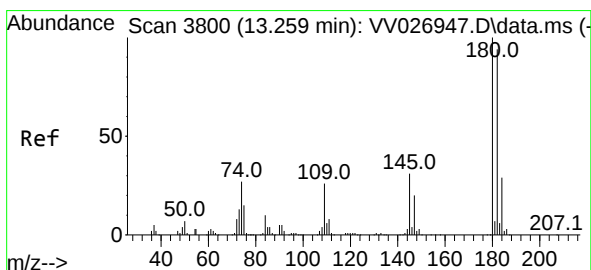
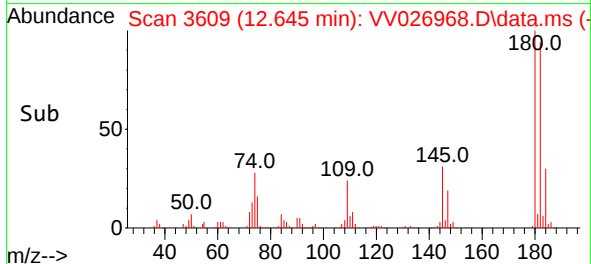
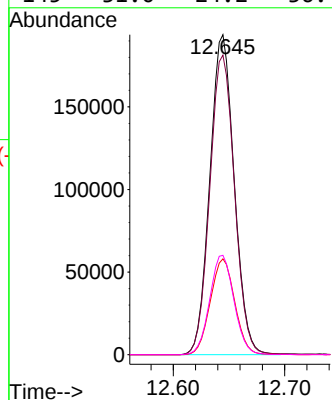
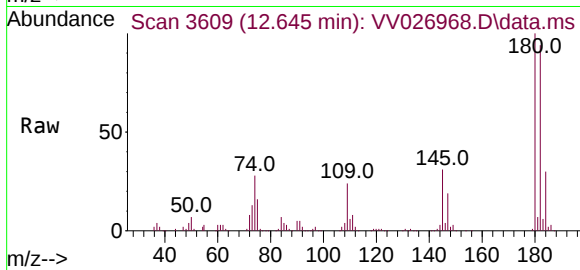
Ion Ratio Lower Upper

180 100

182 94.9 75.6 113.4

184 30.1 23.8 35.8

145 31.0 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 45.093 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026968.D

Acq: 26 Jul 2022 22:03

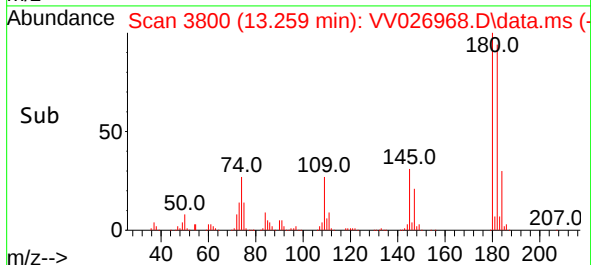
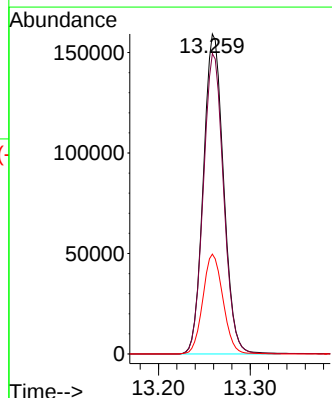
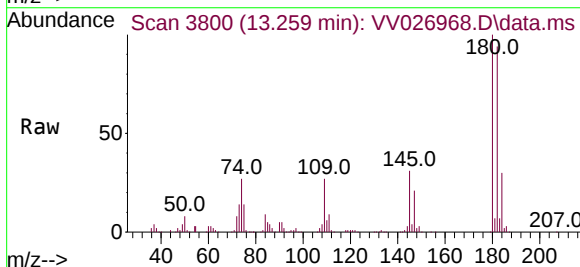
Tgt Ion:180 Resp: 243410

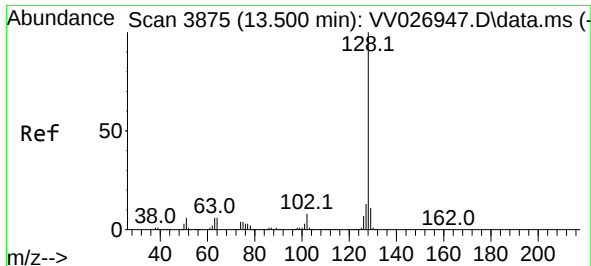
Ion Ratio Lower Upper

180 100

182 94.1 76.2 114.4

145 31.2 25.0 37.6

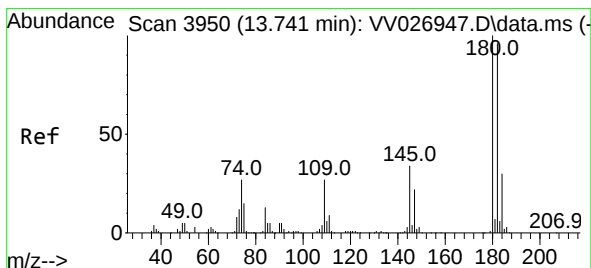
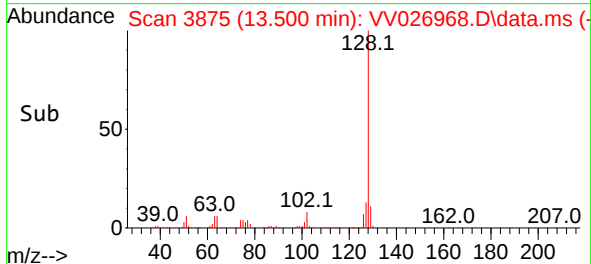
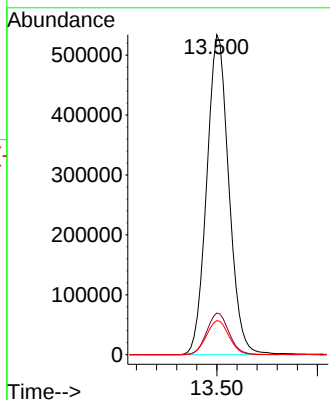
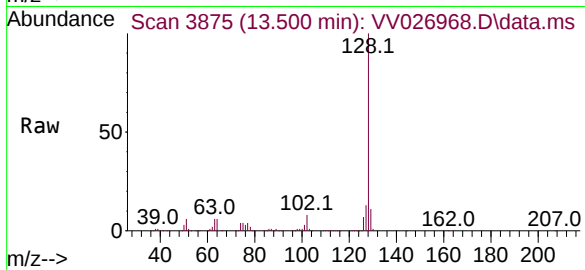




#71
Naphthalene
Concen: 48.000 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Instrument :
MSVOA_V
ClientSampleId :
DBUP2MS

Tgt Ion:128 Resp: 814780
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 49.393 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026968.D
Acq: 26 Jul 2022 22:03

Tgt Ion:180 Resp: 278121
Ion Ratio Lower Upper
180 100
182 95.7 75.4 113.2
145 32.7 26.6 40.0

