

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071922\
 Data File : VW026839.D
 Acq On : 19 Jul 2022 20:46
 Operator : SY/MD
 Sample : N3754-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHP4MSD

Quant Time: Jul 20 05:53:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 20 05:46:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	253565	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	255012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	133204	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	70804	3.061	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.561	69	68899	3.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.000%
11) 1,1-Dichloroethene-d2	2.105	63	143847	3.239	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	3.886	46	213054	59.012	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.020%
24) Chloroform-d	4.346	84	180635	4.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.031	65	80294	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.047	84	300830	3.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	6.066	67	102691	4.420	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.313	98	255068	3.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	7.622	79	30962	4.073	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.088	63	174858	53.131	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	89327	4.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	101097	4.356	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	138725	4.303	ug/L	100
3) Chloromethane	1.240	50	131467	4.250	ug/L	100
5) Vinyl chloride	1.307	62	139123	4.417	ug/L	99
6) Bromomethane	1.516	94	78642	4.171	ug/L	94
8) Chloroethane	1.581	64	84769	4.568	ug/L	97
9) Trichlorofluoromethane	1.748	101	183872	4.594	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	102842	4.485	ug/L	98
12) 1,1-Dichloroethene	2.114	96	100000	4.498	ug/L	89
13) Acetone	2.175	43	135026	44.451	ug/L #	29
14) Carbon disulfide	2.288	76	288310	4.401	ug/L	98
15) Methyl Acetate	2.436	43	30241	4.922	ug/L	95
16) Methylene chloride	2.503	84	111988	4.229	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	192735	5.032	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	101096	4.947	ug/L	96
19) 1,1-Dichloroethane	3.185	63	192874	5.169	ug/L	99
21) 2-Butanone	3.966	43	195743	55.254	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	107336	5.208	ug/L	99
23) Bromochloromethane	4.246	128	50642	5.334	ug/L	97
25) Chloroform	4.371	83	202162	5.173	ug/L	99

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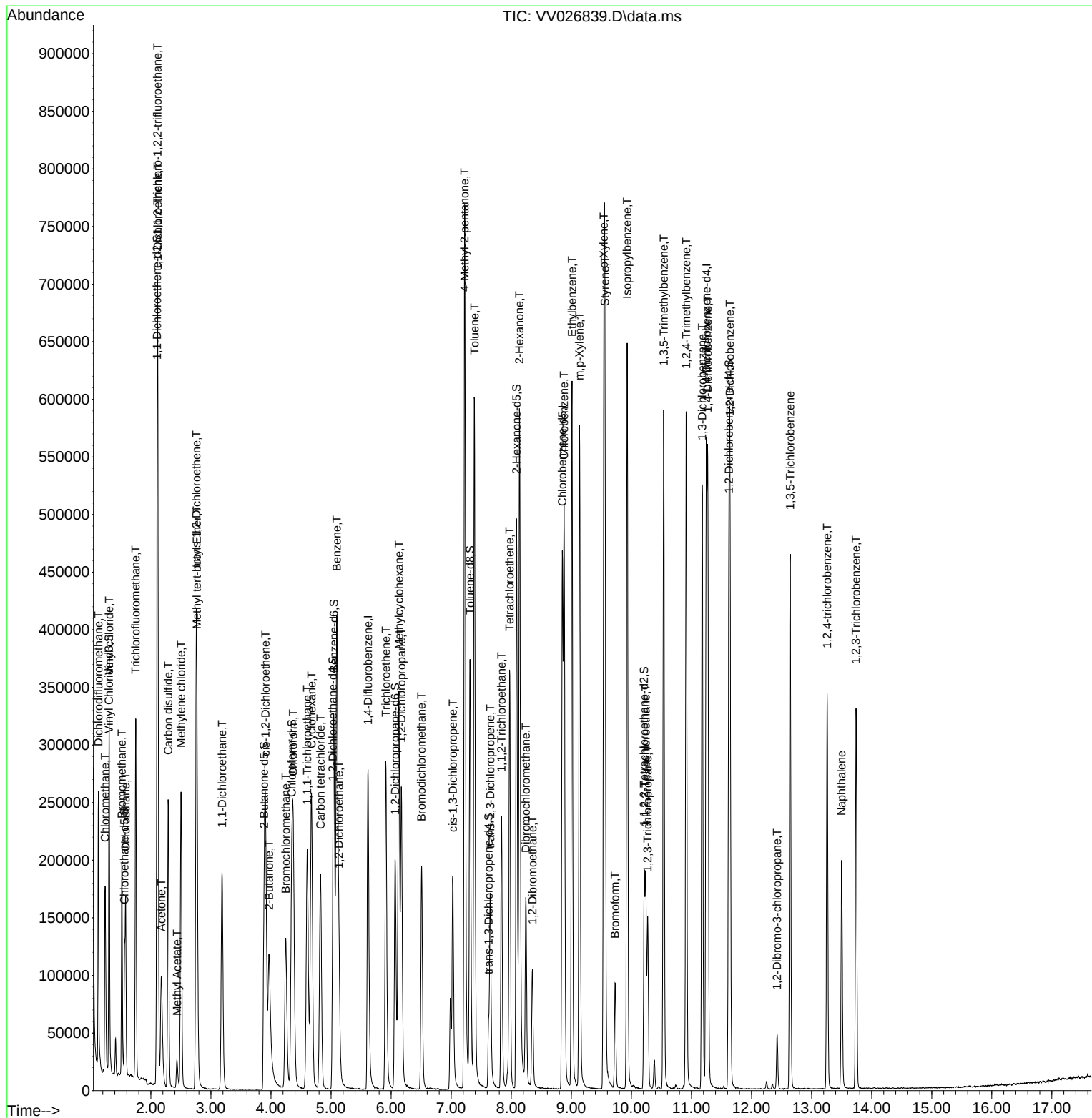
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	107614	5.110	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	171467	4.990	ug/L	99
30) Cyclohexane	4.674	56	124503	4.252	ug/L	98
31) Carbon tetrachloride	4.825	117	144283	4.754	ug/L	96
33) Benzene	5.095	78	431386	5.060	ug/L	100
34) Trichloroethene	5.912	95	105512	5.035	ug/L	99
35) Methylcyclohexane	6.130	83	134763	4.214	ug/L	100
37) 1,2-Dichloropropane	6.172	63	108761	5.335	ug/L	100
38) Bromodichloromethane	6.506	83	133253	5.014	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	121478	4.795	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	489283	51.958	ug/L	99
42) Toluene	7.387	91	452649	5.257	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	103489	4.975	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	75551	5.070	ug/L	98
47) Tetrachloroethene	7.976	164	82205	5.002	ug/L	97
48) 2-Hexanone	8.137	43	360121	52.838	ug/L	98
49) Dibromochloromethane	8.243	129	85435	4.974	ug/L	97
50) 1,2-Dibromoethane	8.352	107	68936	5.228	ug/L	99
51) Chlorobenzene	8.879	112	278583	5.117	ug/L	97
52) Ethylbenzene	9.011	91	414870	4.869	ug/L	100
53) m,p-Xylene	9.137	106	168169	5.075	ug/L	96
54) o-Xylene	9.542	106	156721	4.977	ug/L	95
55) Styrene	9.561	104	274582	4.976	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	90252	5.116	ug/L	99
59) Bromoform	9.728	173	41671	4.876	ug/L	96
60) Isopropylbenzene	9.931	105	408320	4.915	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	61857	5.035	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	311053	4.706	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	319629	4.762	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	211575	5.198	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	210808	5.093	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	193978	5.103	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	12083	4.640	ug/L	85
69) 1,3,5-Trichlorobenzene	12.644	180	140177	4.872	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	103939	4.750	ug/L	98
71) Naphthalene	13.500	128	158748	4.379	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	97081	4.768	ug/L	98

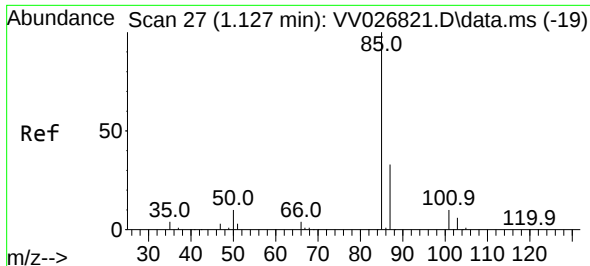
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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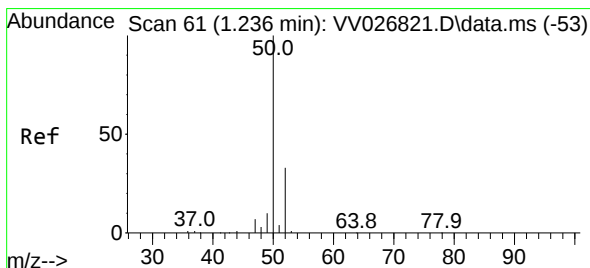
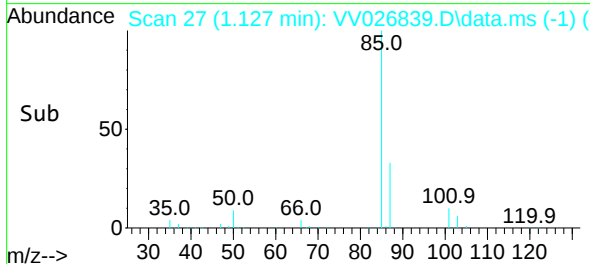
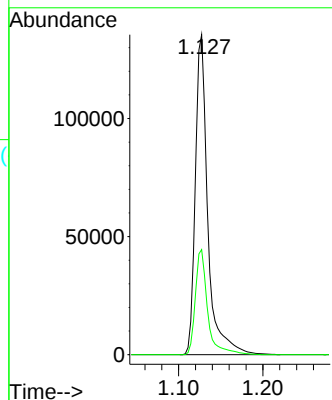
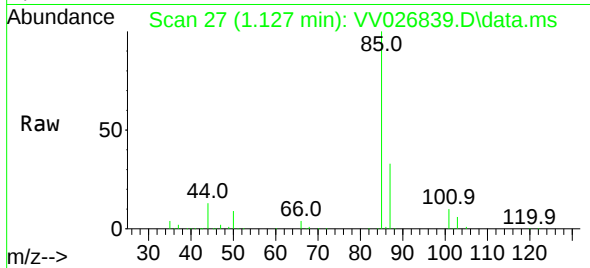




#2
 Dichlorodifluoromethane
 Concen: 4.303 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026839.D
 Acq: 19 Jul 2022 20:46

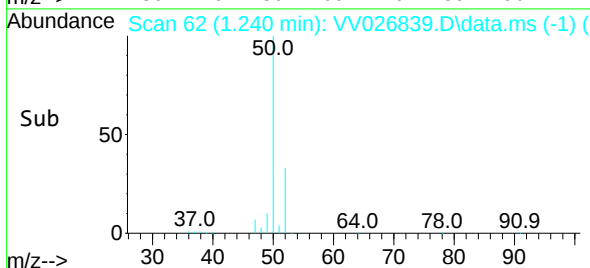
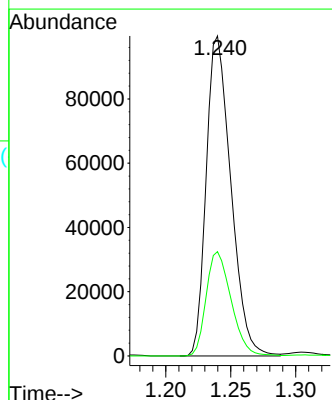
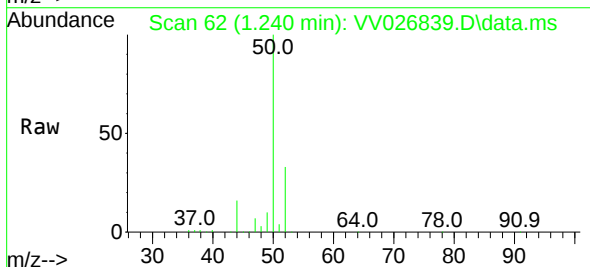
Instrument :
 MSVOA_V
 ClientSampleId :
 GBHP4MSD

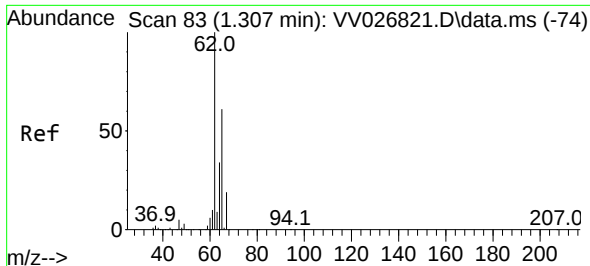
Tgt Ion: 85 Resp: 138725
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.8



#3
 Chloromethane
 Concen: 4.250 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026839.D
 Acq: 19 Jul 2022 20:46

Tgt Ion: 50 Resp: 131467
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4

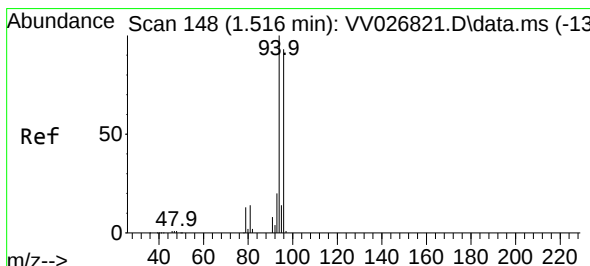
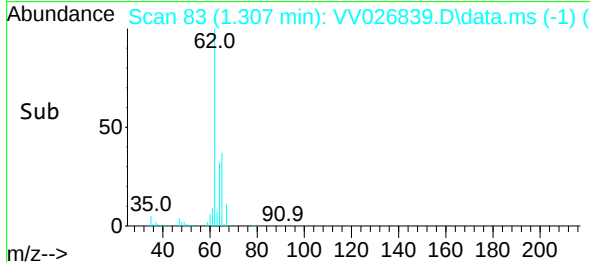
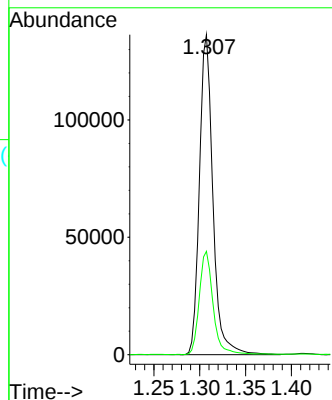
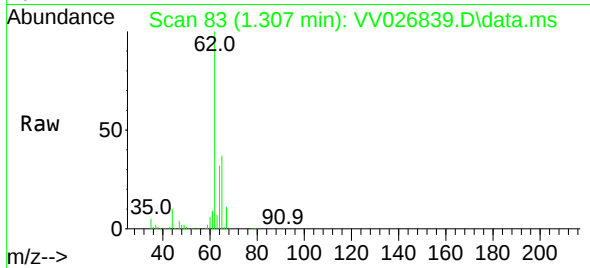




#5
 Vinyl chloride
 Concen: 4.417 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV026839.D
 Acq: 19 Jul 2022 20:46

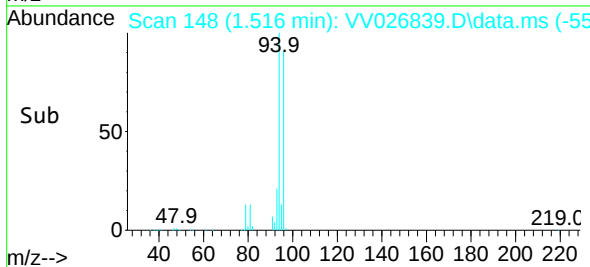
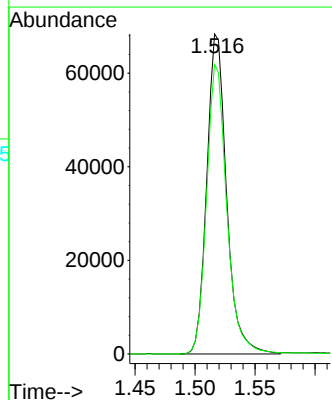
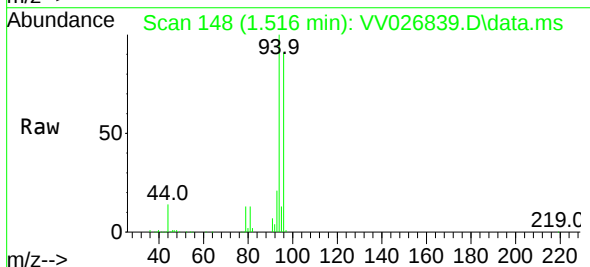
Instrument :
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 ClientSampleId :
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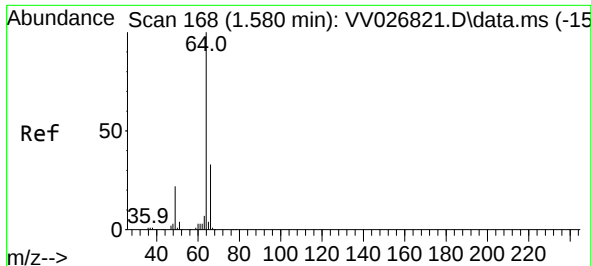
Tgt Ion: 62 Resp: 139123
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.9 42.5



#6
 Bromomethane
 Concen: 4.171 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV026839.D
 Acq: 19 Jul 2022 20:46

Tgt Ion: 94 Resp: 78642
 Ion Ratio Lower Upper
 94 100
 96 90.5 67.1 124.7

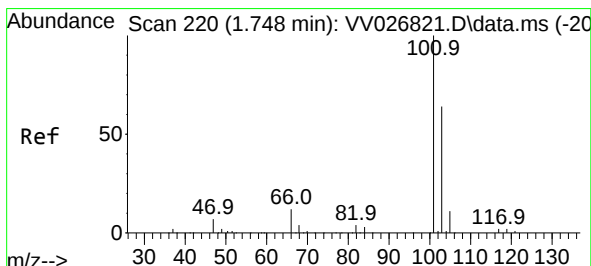
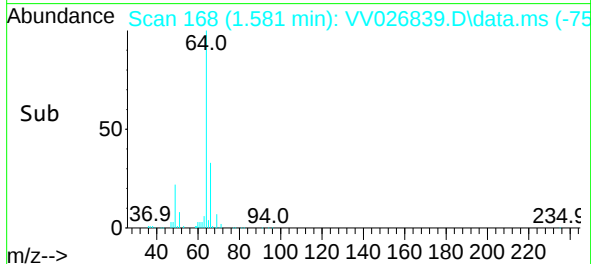
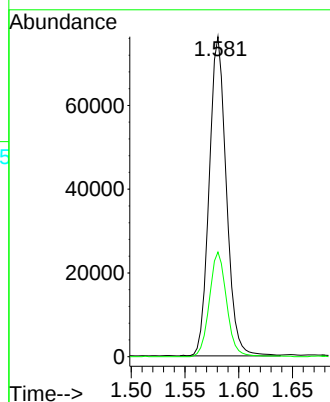
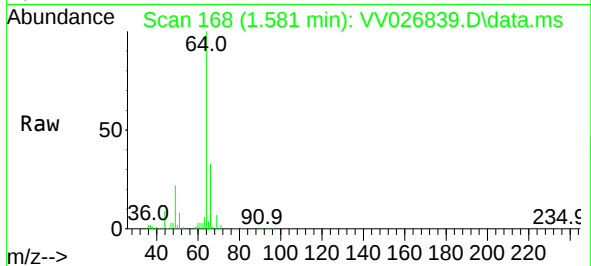




#8
Chloroethane
Concen: 4.568 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

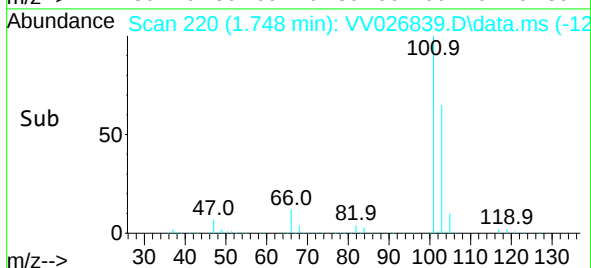
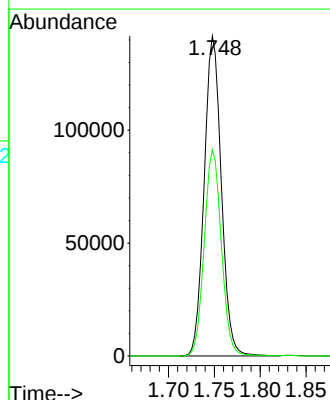
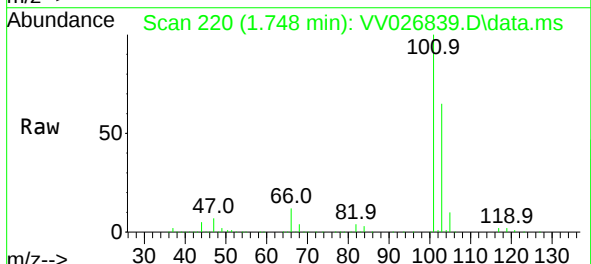
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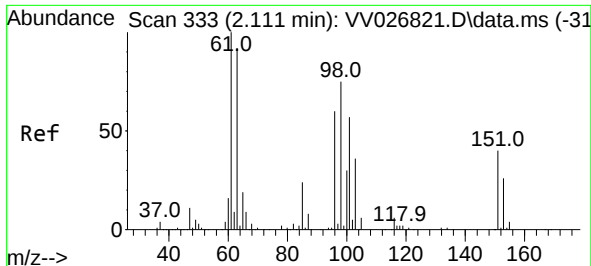
Tgt Ion: 64 Resp: 84769
Ion Ratio Lower Upper
64 100
66 32.7 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.594 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

Tgt Ion: 101 Resp: 183872
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

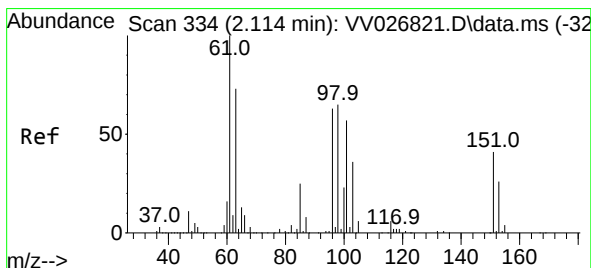
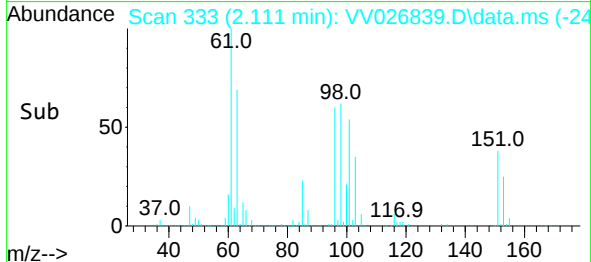
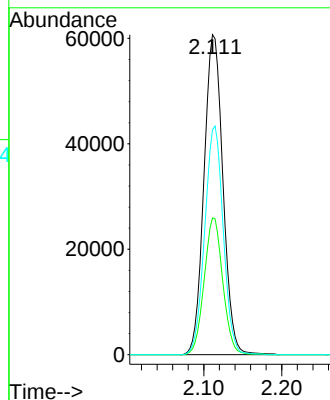
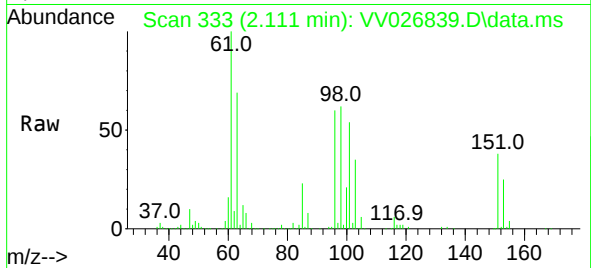




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.485 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV026839.D
 Acq: 19 Jul 2022 20:46

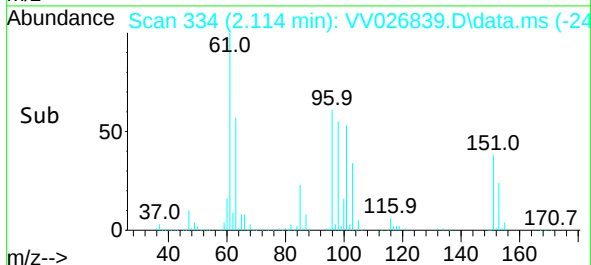
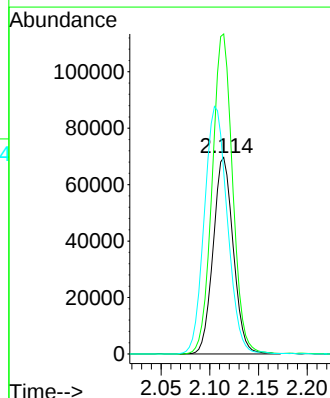
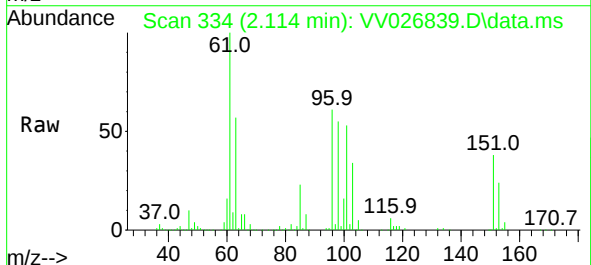
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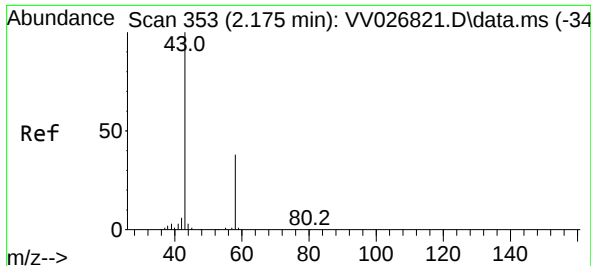
Tgt Ion:101 Resp: 102842
 Ion Ratio Lower Upper
 101 100
 85 41.9 35.0 52.4
 151 69.8 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 4.498 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV026839.D
 Acq: 19 Jul 2022 20:46

Tgt Ion: 96 Resp: 100000
 Ion Ratio Lower Upper
 96 100
 61 162.8 118.3 219.7
 63 92.6 79.9 148.3





#13

Acetone

Concen: 44.451 ug/L

RT: 2.175 min Scan# 353

Delta R.T. 0.000 min

Lab File: VV026839.D

Acq: 19 Jul 2022 20:46

Instrument :

MSVOA_V

ClientSampleId :

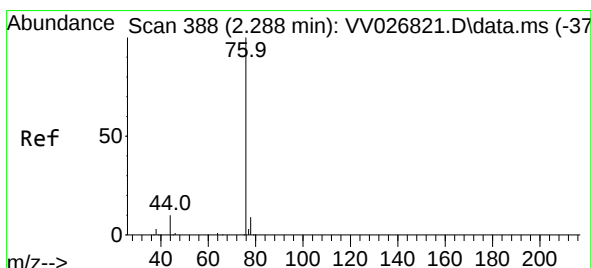
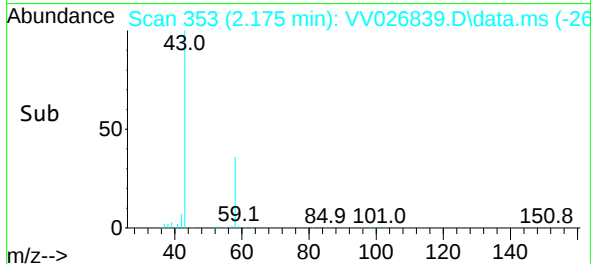
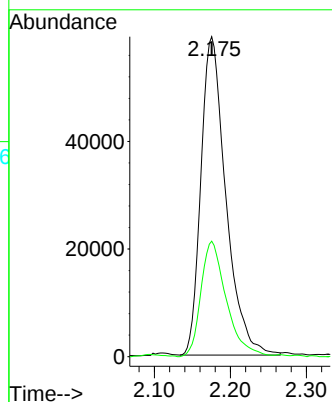
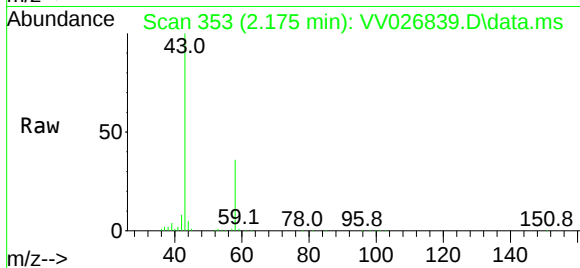
GBHP4MSD

Tgt Ion: 43 Resp: 135026

Ion Ratio Lower Upper

43 100

58 37.0 0.0 20.6#



#14

Carbon disulfide

Concen: 4.401 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

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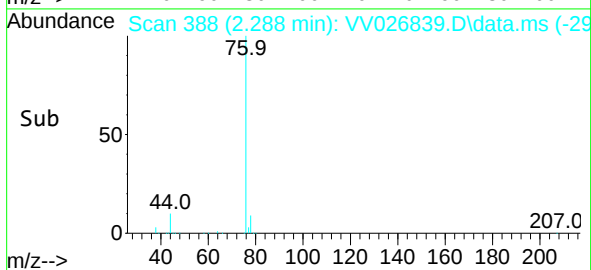
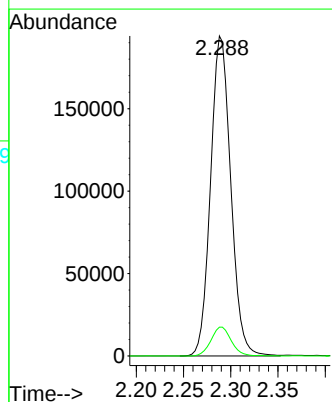
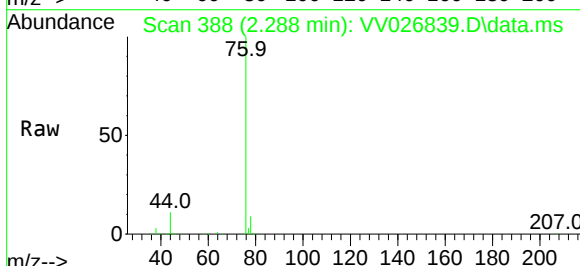
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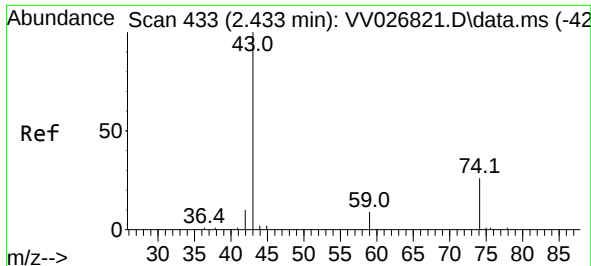
Tgt Ion: 76 Resp: 288310

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

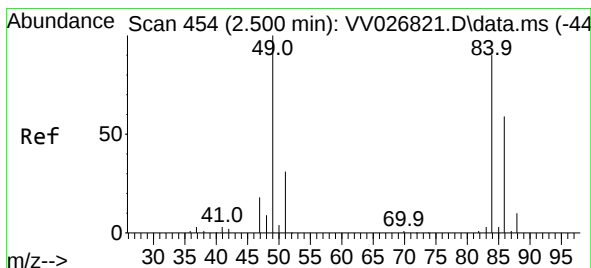
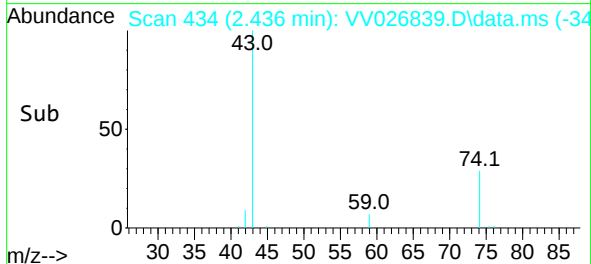
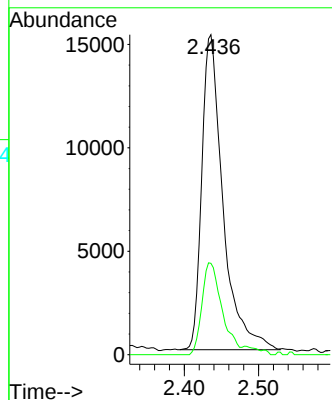
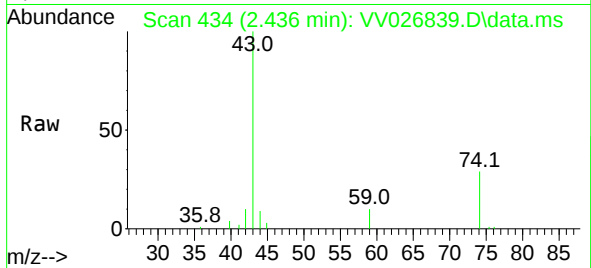




#15
Methyl Acetate
Concen: 4.922 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

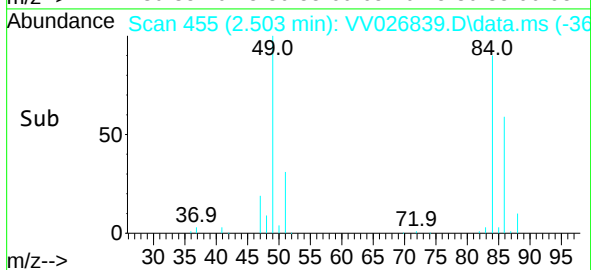
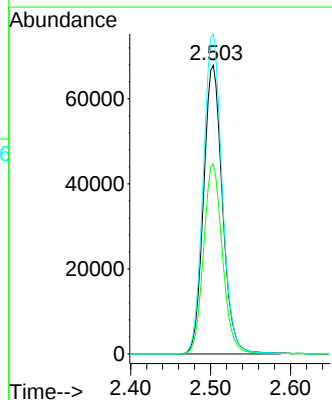
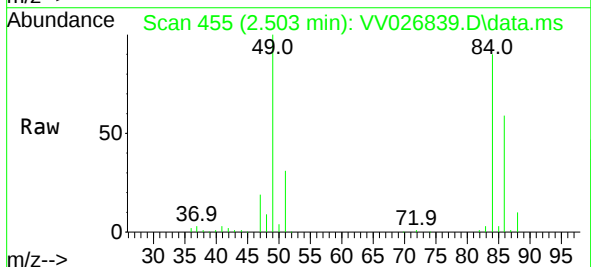
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MSD

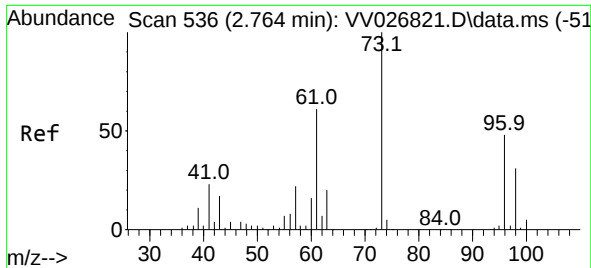
Tgt Ion: 43 Resp: 30241
Ion Ratio Lower Upper
43 100
74 27.5 20.1 30.1



#16
Methylene chloride
Concen: 4.229 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

Tgt Ion: 84 Resp: 111988
Ion Ratio Lower Upper
84 100
86 65.8 44.8 83.2
49 110.8 78.7 146.1

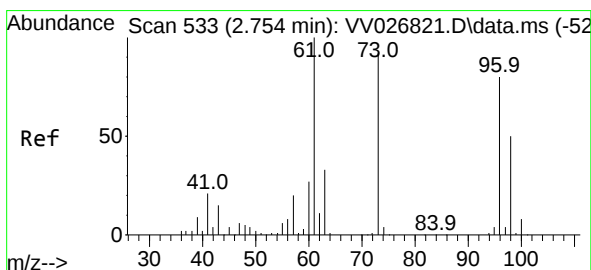
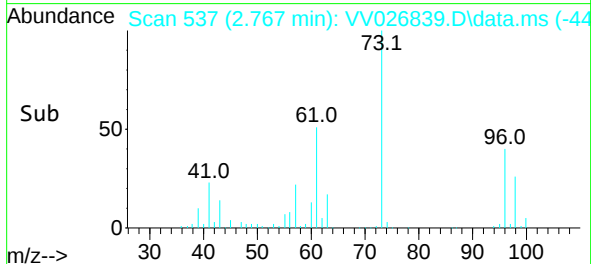
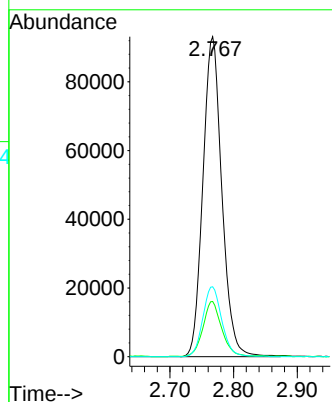
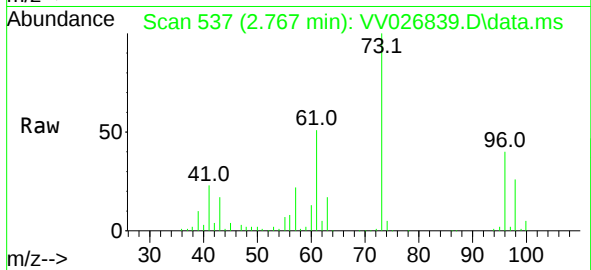




#17
Methyl tert-butyl Ether
Concen: 5.032 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

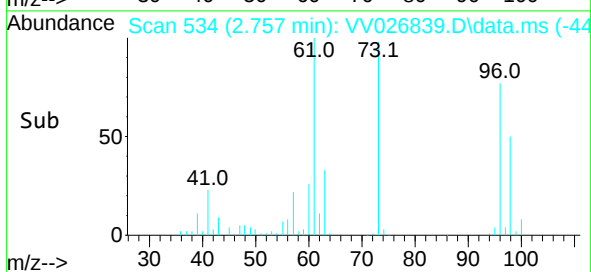
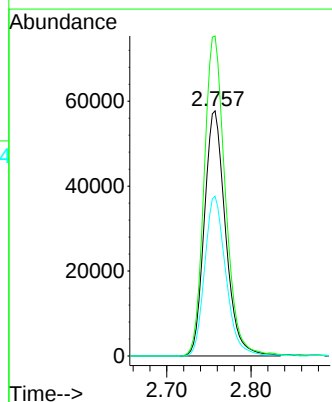
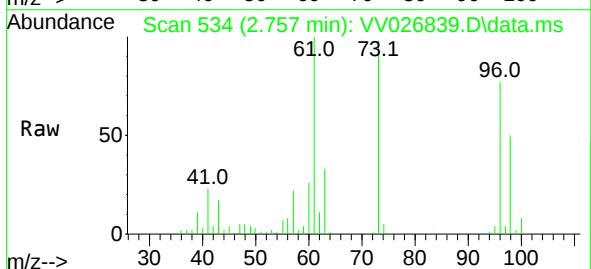
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MSD

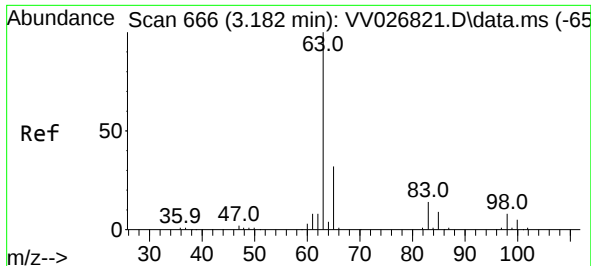
Tgt Ion: 73 Resp: 192735
Ion Ratio Lower Upper
73 100
43 16.8 14.0 21.0
57 21.8 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.947 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

Tgt Ion: 96 Resp: 101096
Ion Ratio Lower Upper
96 100
61 130.5 94.7 175.9
98 65.2 47.4 88.0





#19

1,1-Dichloroethane

Concen: 5.169 ug/L

RT: 3.185 min Scan# 60

Delta R.T. 0.003 min

Lab File: VV026839.D

Acq: 19 Jul 2022 20:46

Instrument :

MSVOA_V

ClientSampleId :

GBHP4MSD

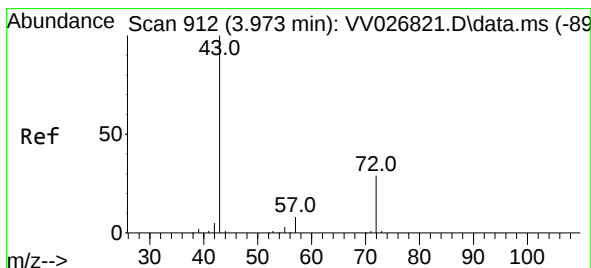
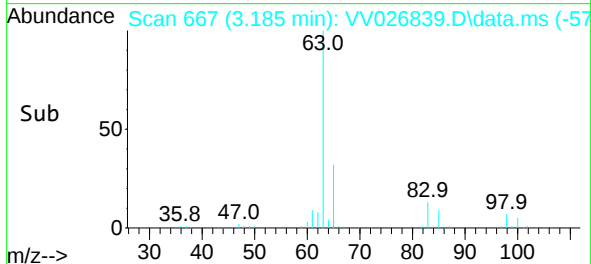
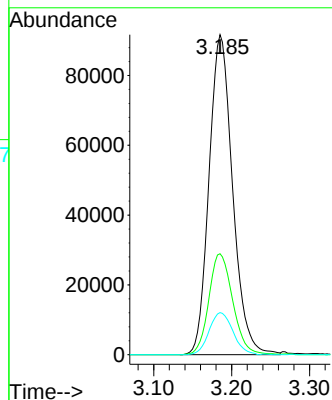
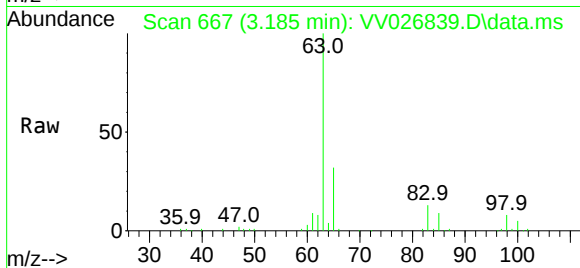
Tgt Ion: 63 Resp: 192874

Ion Ratio Lower Upper

63 100

65 31.5 22.3 41.3

83 13.2 9.9 18.5



#21

2-Butanone

Concen: 55.254 ug/L

RT: 3.966 min Scan# 910

Delta R.T. -0.006 min

Lab File: VV026839.D

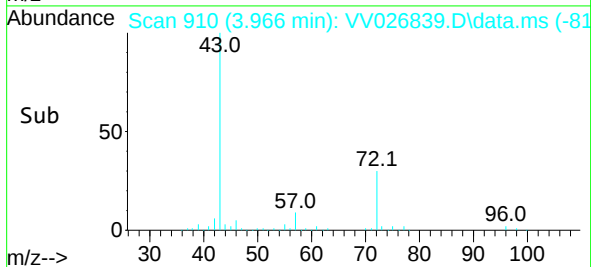
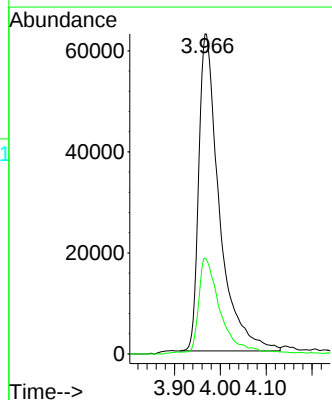
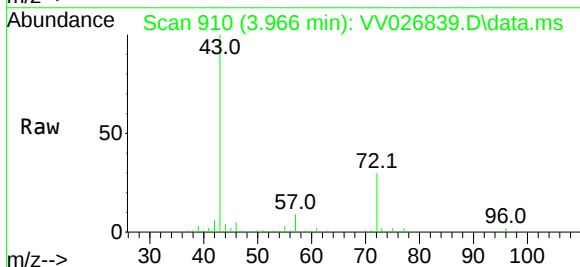
Acq: 19 Jul 2022 20:46

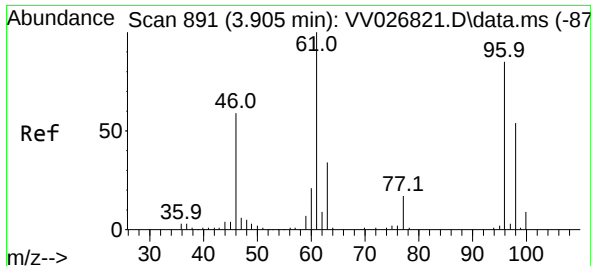
Tgt Ion: 43 Resp: 195743

Ion Ratio Lower Upper

43 100

72 29.3 13.9 41.7

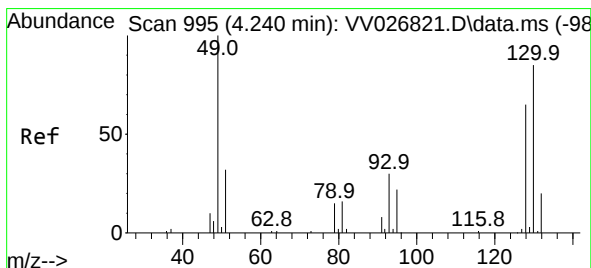
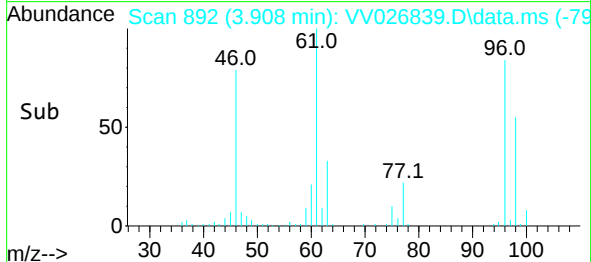
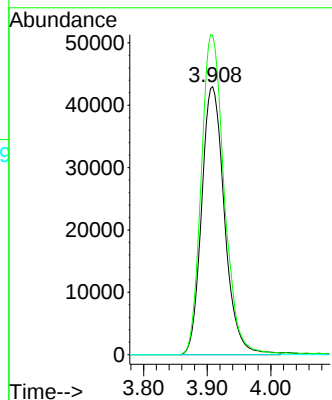
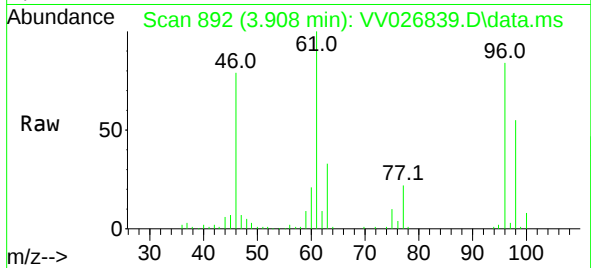




#22
 cis-1,2-Dichloroethene
 Concen: 5.208 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV026839.D
 Acq: 19 Jul 2022 20:46

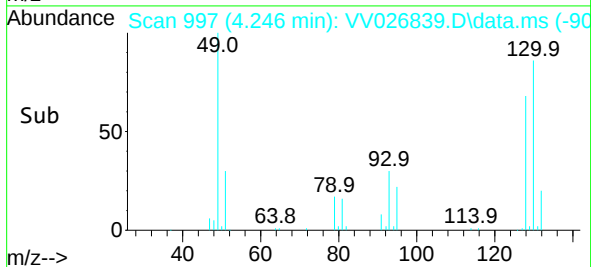
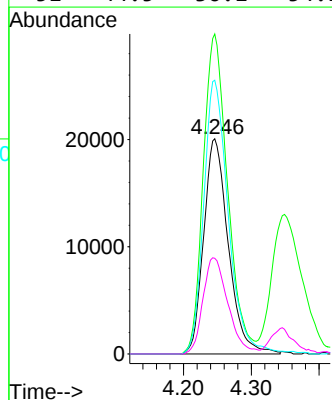
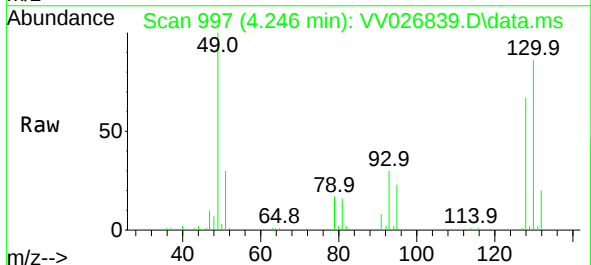
Instrument :
 MSVOA_V
 ClientSampleId :
 GBHP4MSD

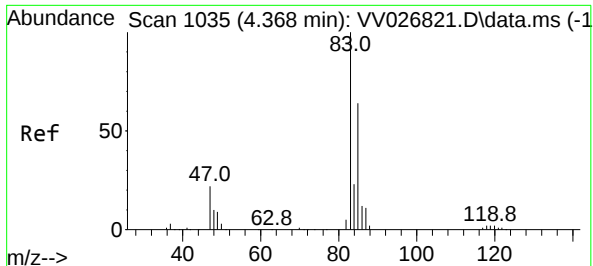
Tgt Ion: 96 Resp: 107336
 Ion Ratio Lower Upper
 96 100
 61 119.2 83.9 155.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.334 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.007 min
 Lab File: VV026839.D
 Acq: 19 Jul 2022 20:46

Tgt Ion: 128 Resp: 50642
 Ion Ratio Lower Upper
 128 100
 49 148.7 107.2 199.2
 130 127.2 87.1 161.7
 51 44.5 36.1 54.1





#25

Chloroform

Concen: 5.173 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV026839.D

Acq: 19 Jul 2022 20:46

Instrument :

MSVOA_V

ClientSampleId :

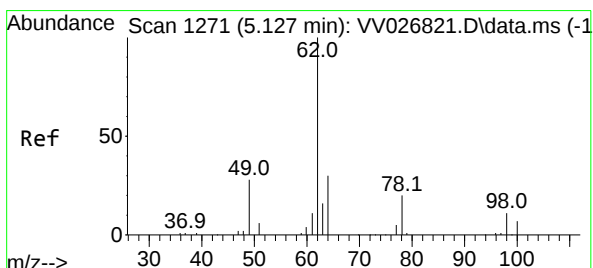
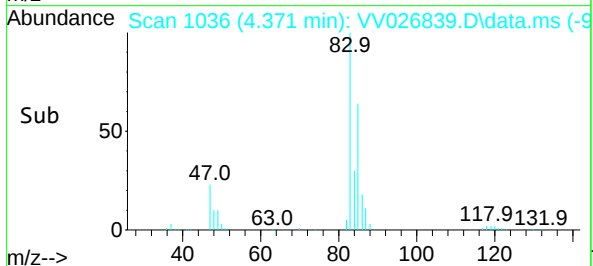
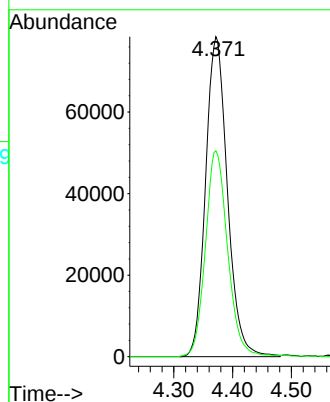
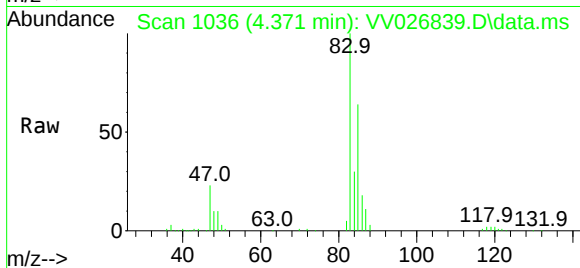
GBHP4MSD

Tgt Ion: 83 Resp: 202162

Ion Ratio Lower Upper

83 100

85 64.3 45.7 84.9



#27

1,2-Dichloroethane

Concen: 5.110 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV026839.D

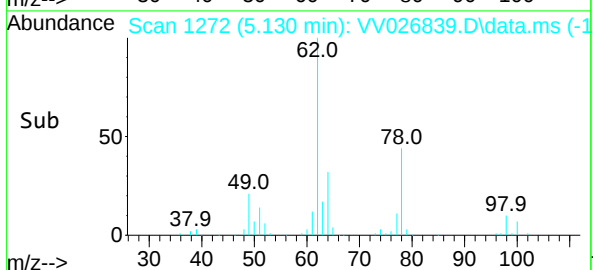
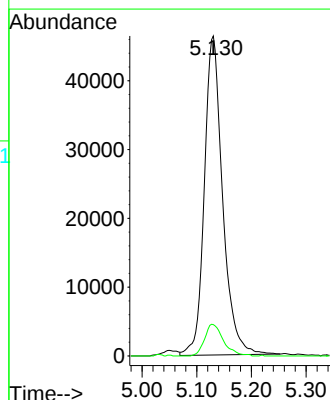
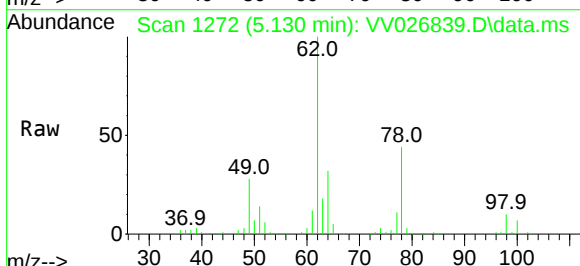
Acq: 19 Jul 2022 20:46

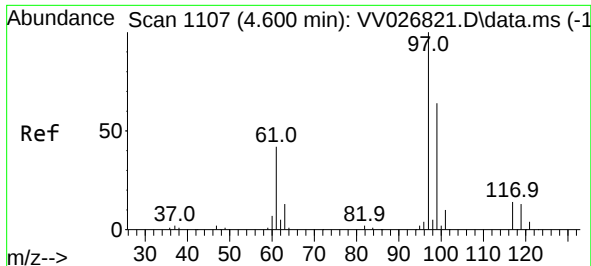
Tgt Ion: 62 Resp: 107614

Ion Ratio Lower Upper

62 100

98 9.8 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 4.990 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV026839.D

Acq: 19 Jul 2022 20:46

Instrument :

MSVOA_V

ClientSampleId :

GBHP4MSD

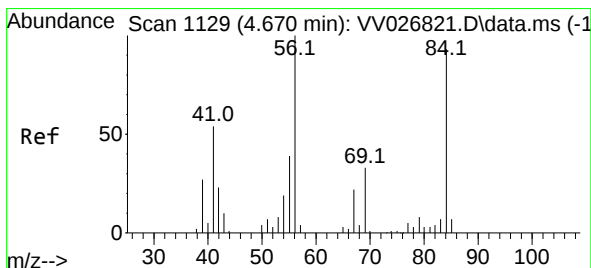
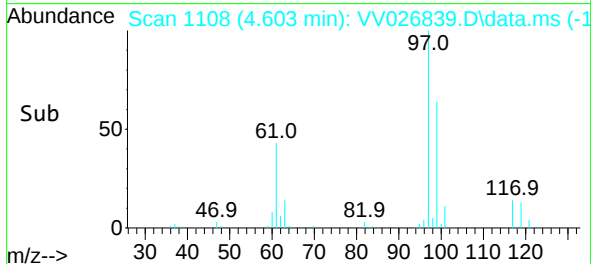
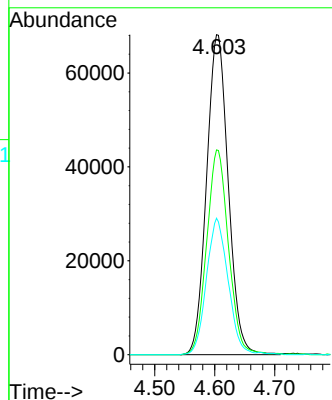
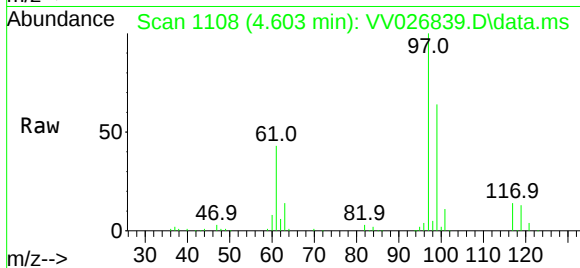
Tgt Ion: 97 Resp: 171467

Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 42.4 35.1 52.7



#30

Cyclohexane

Concen: 4.252 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV026839.D

Acq: 19 Jul 2022 20:46

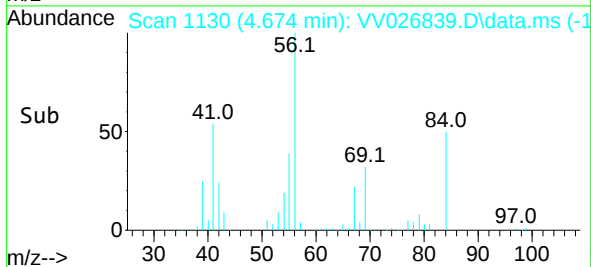
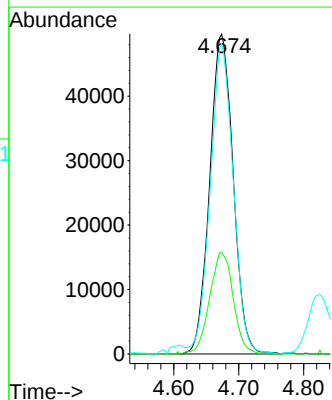
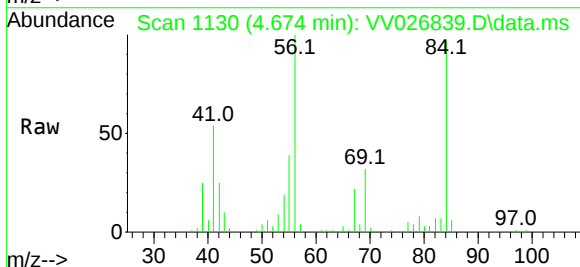
Tgt Ion: 56 Resp: 124503

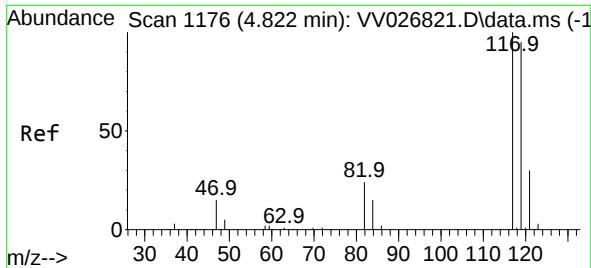
Ion Ratio Lower Upper

56 100

69 31.9 25.1 37.7

84 95.2 74.0 111.0

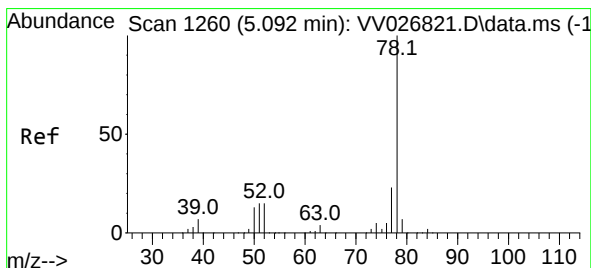
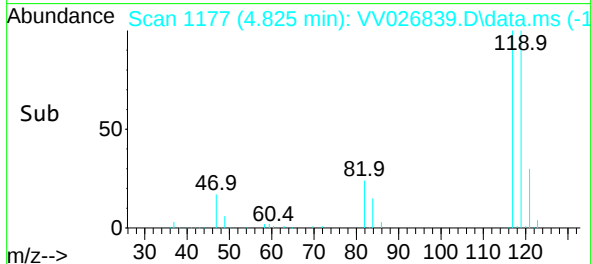
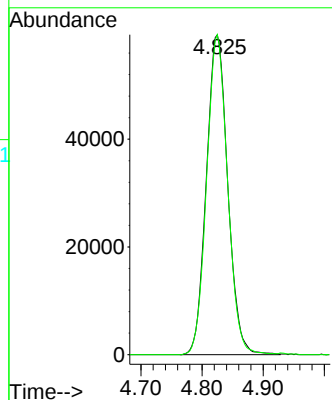
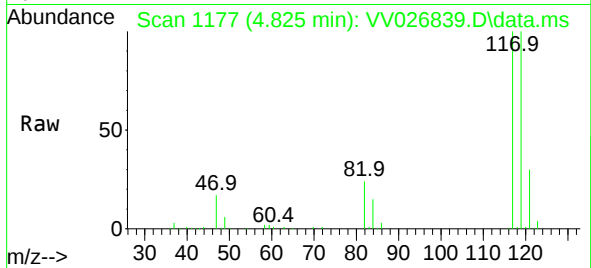




#31
Carbon tetrachloride
Concen: 4.754 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

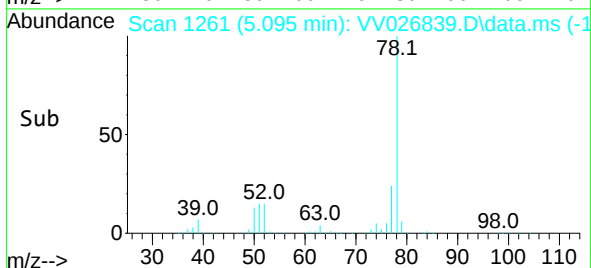
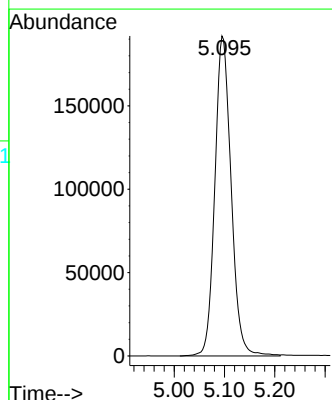
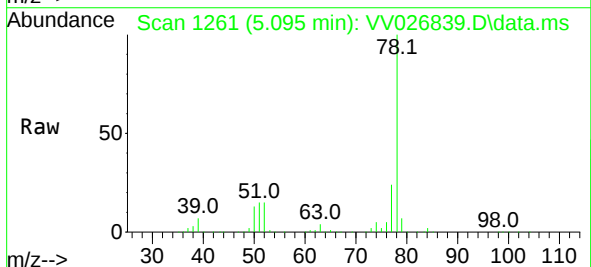
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MSD

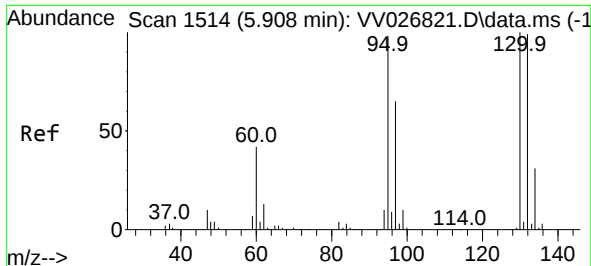
Tgt Ion:117 Resp: 144283
Ion Ratio Lower Upper
117 100
119 97.9 75.1 112.7



#33
Benzene
Concen: 5.060 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

Tgt Ion: 78 Resp: 431386

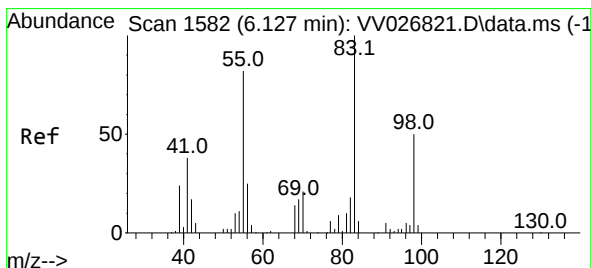
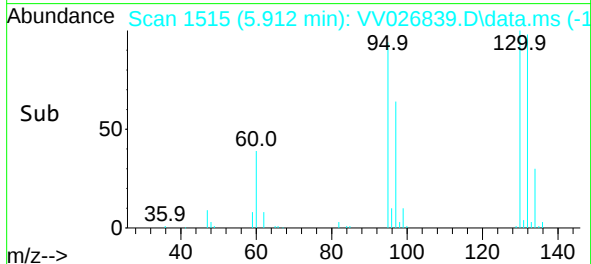
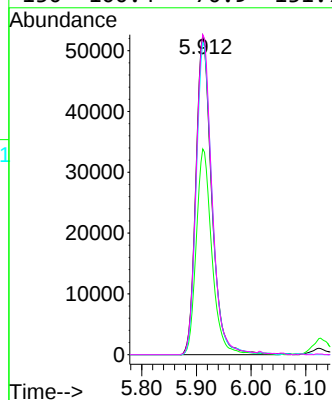
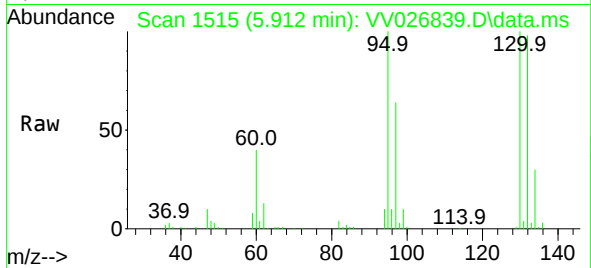




#34
Trichloroethene
Concen: 5.035 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

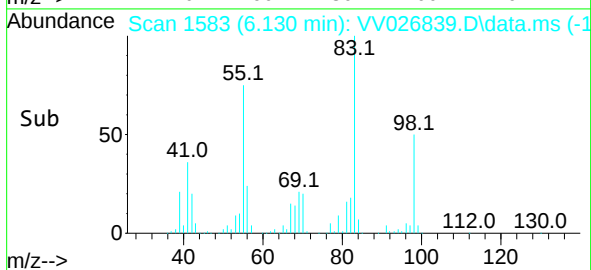
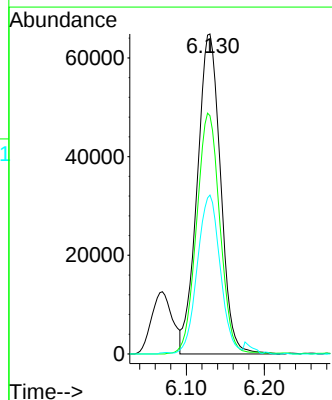
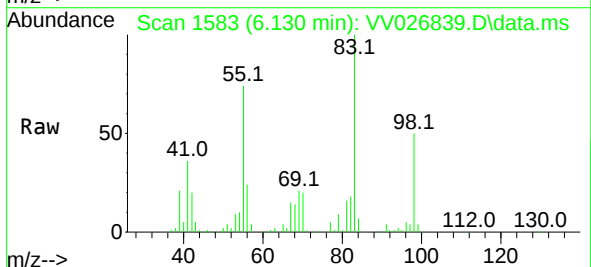
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MSD

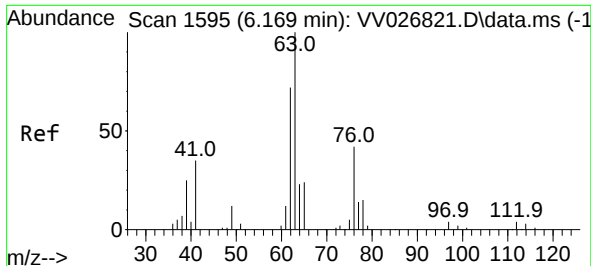
Tgt Ion: 95 Resp: 105512
Ion Ratio Lower Upper
95 100
97 64.6 44.6 82.8
132 98.0 70.2 130.4
130 100.4 70.9 131.7



#35
Methylcyclohexane
Concen: 4.214 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

Tgt Ion: 83 Resp: 134763
Ion Ratio Lower Upper
83 100
55 74.9 59.5 89.3
98 48.1 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.335 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026839.D

Acq: 19 Jul 2022 20:46

Instrument :

MSVOA_V

ClientSampleId :

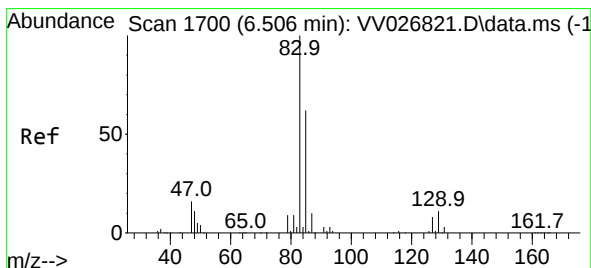
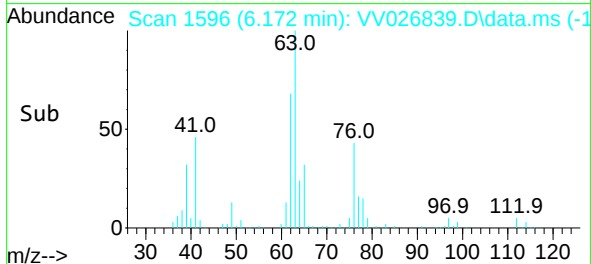
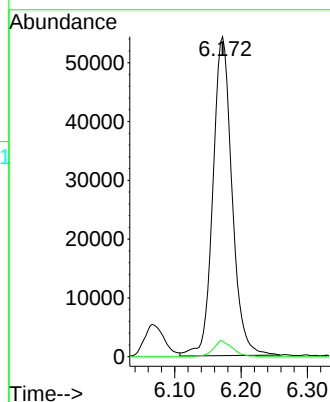
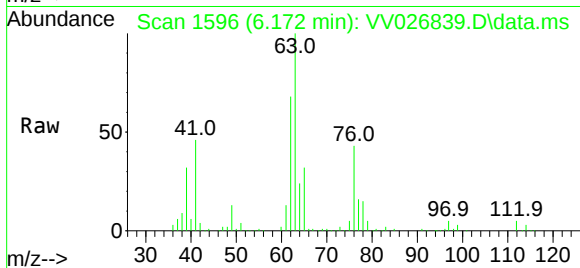
GBHP4MSD

Tgt Ion: 63 Resp: 108761

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.2



#38

Bromodichloromethane

Concen: 5.014 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV026839.D

Acq: 19 Jul 2022 20:46

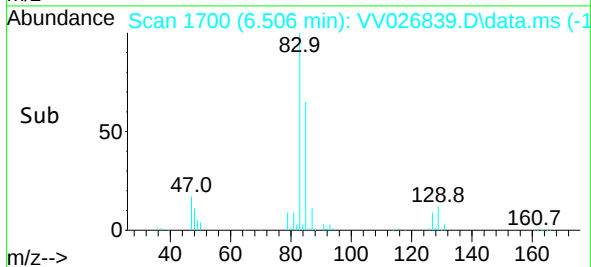
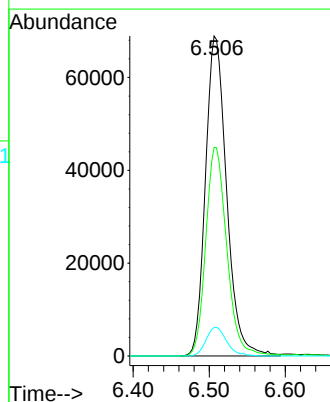
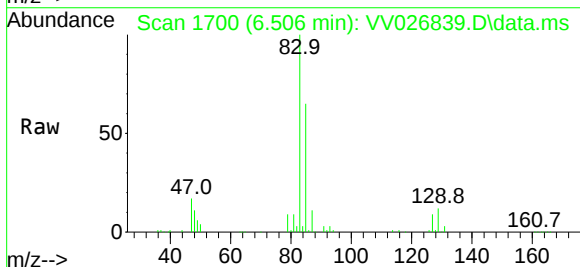
Tgt Ion: 83 Resp: 133253

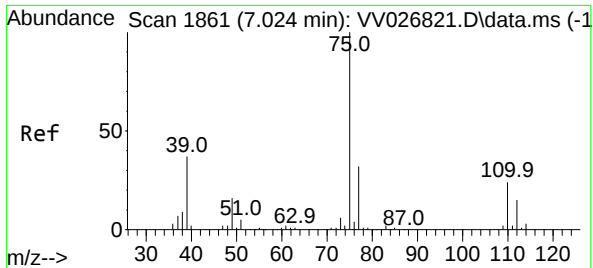
Ion Ratio Lower Upper

83 100

85 65.2 45.4 84.4

127 8.9 6.6 10.0

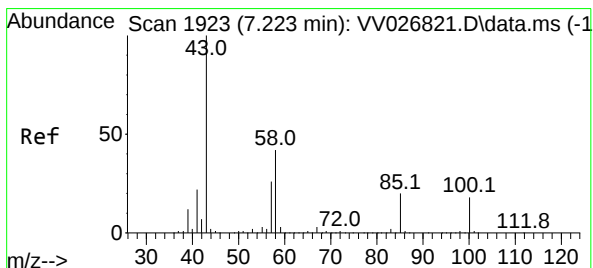
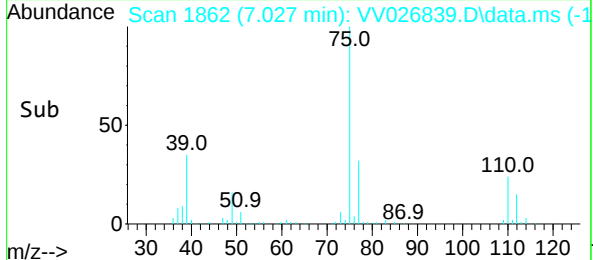
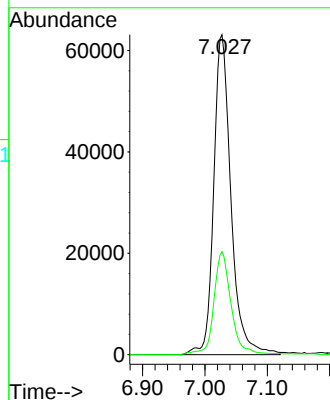
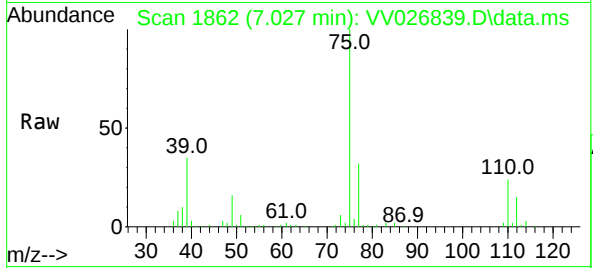




#39
 cis-1,3-Dichloropropene
 Concen: 4.795 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.003 min
 Lab File: VV026839.D
 Acq: 19 Jul 2022 20:46

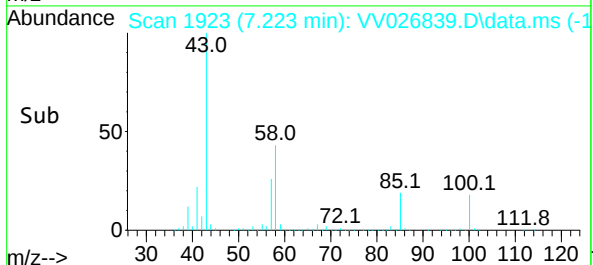
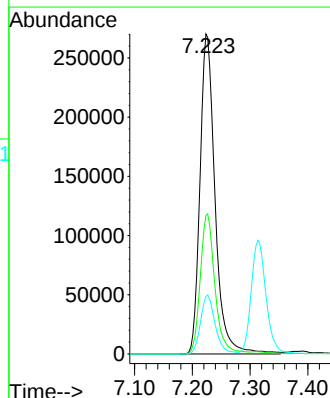
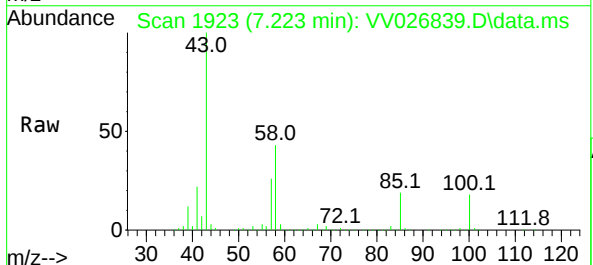
Instrument :
 MSVOA_V
 ClientSampleId :
 GBHP4MSD

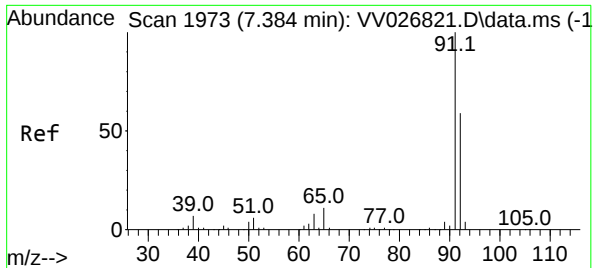
Tgt Ion: 75 Resp: 121478
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 51.958 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VV026839.D
 Acq: 19 Jul 2022 20:46

Tgt Ion: 43 Resp: 489283
 Ion Ratio Lower Upper
 43 100
 58 42.5 34.6 51.8
 100 17.8 13.6 20.4





#42

Toluene

Concen: 5.257 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV026839.D

Acq: 19 Jul 2022 20:46

Instrument :

MSVOA_V

ClientSampleId :

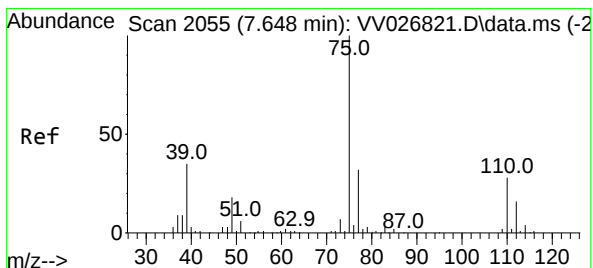
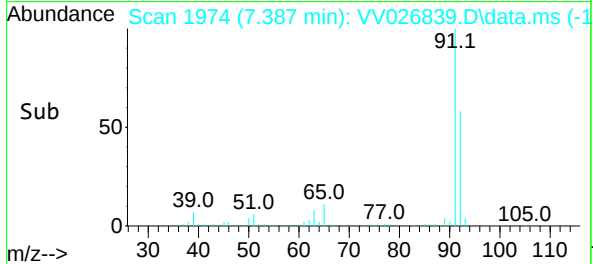
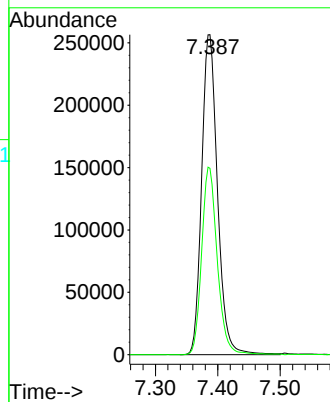
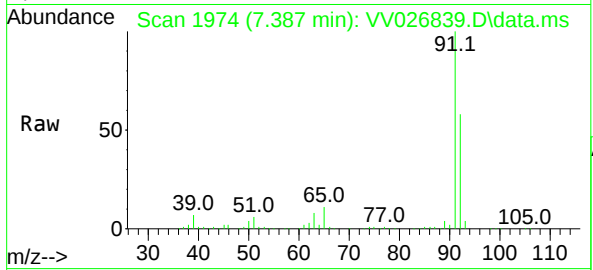
GBHP4MSD

Tgt Ion: 91 Resp: 452649

Ion Ratio Lower Upper

91 100

92 58.3 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.975 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV026839.D

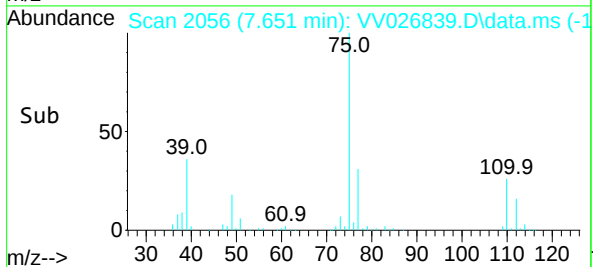
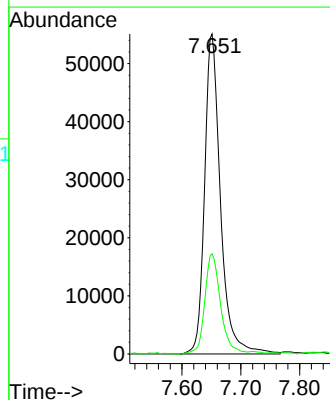
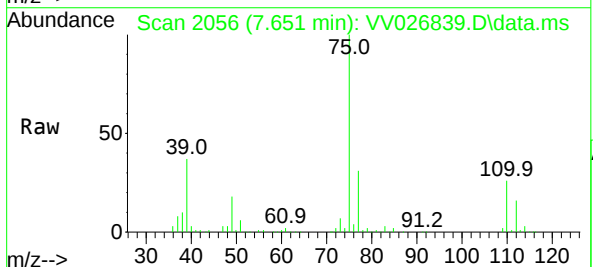
Acq: 19 Jul 2022 20:46

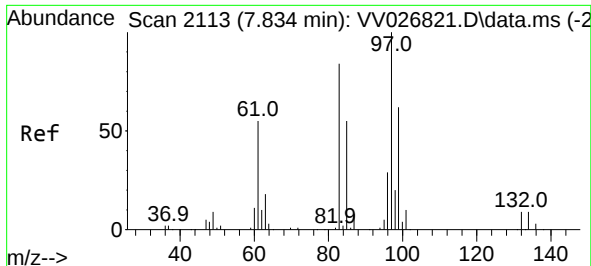
Tgt Ion: 75 Resp: 103489

Ion Ratio Lower Upper

75 100

77 31.3 22.7 42.3





#45

1,1,2-Trichloroethane

Concen: 5.070 ug/L

RT: 7.838 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV026839.D

Acq: 19 Jul 2022 20:46

Instrument :

MSVOA_V

ClientSampleId :

GBHP4MSD

Tgt Ion: 97 Resp: 75551

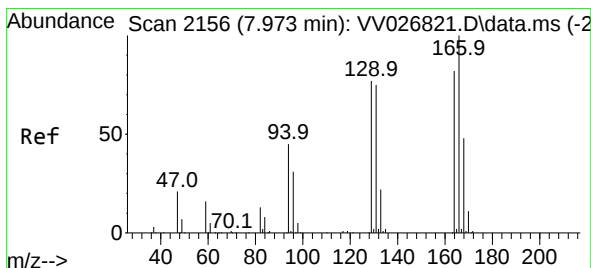
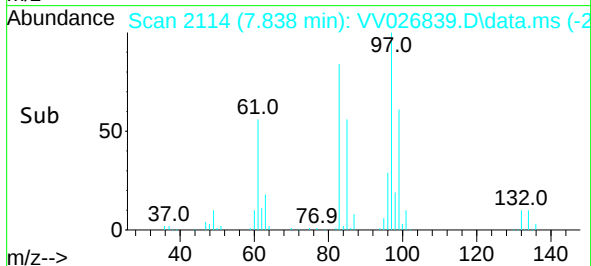
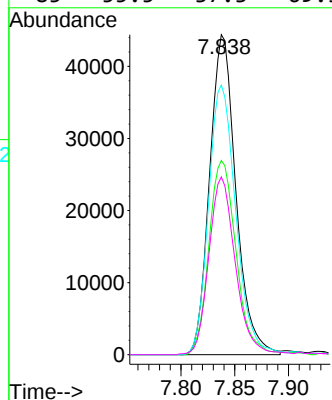
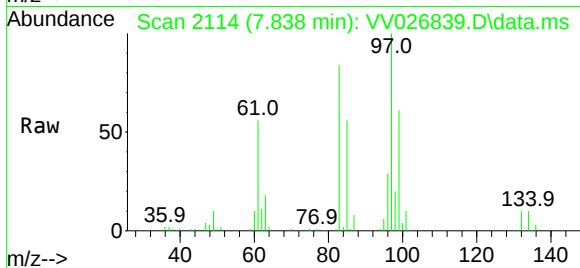
Ion Ratio Lower Upper

97 100

99 60.7 41.9 77.9

83 84.2 58.1 107.9

85 55.5 37.3 69.3



#47

Tetrachloroethene

Concen: 5.002 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV026839.D

Acq: 19 Jul 2022 20:46

Tgt Ion: 164 Resp: 82205

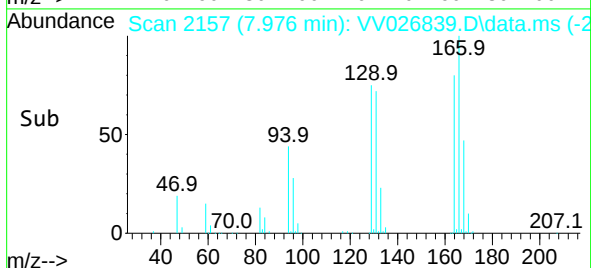
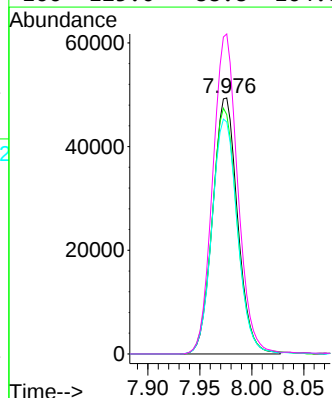
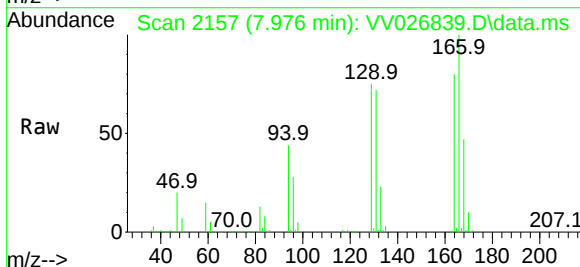
Ion Ratio Lower Upper

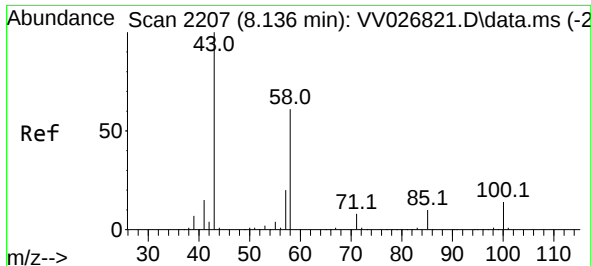
164 100

129 93.5 67.8 125.8

131 90.6 65.9 122.5

166 125.0 88.8 164.8



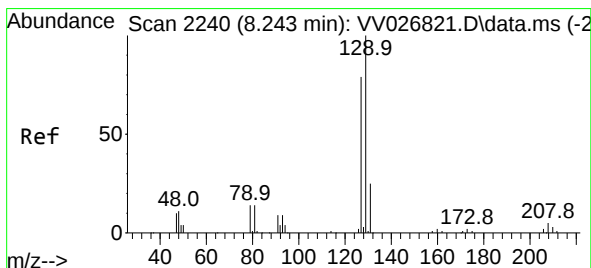
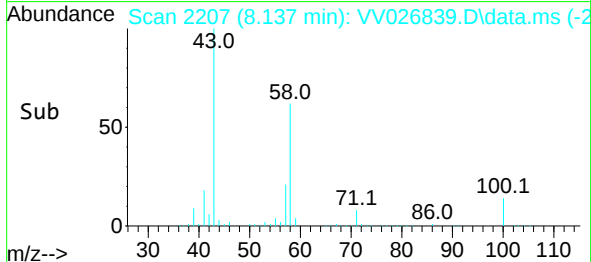
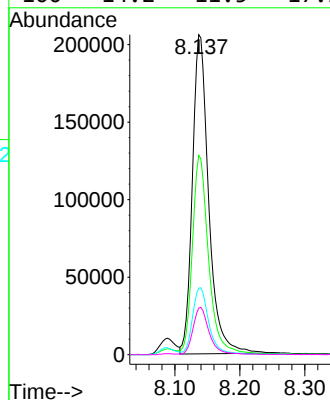
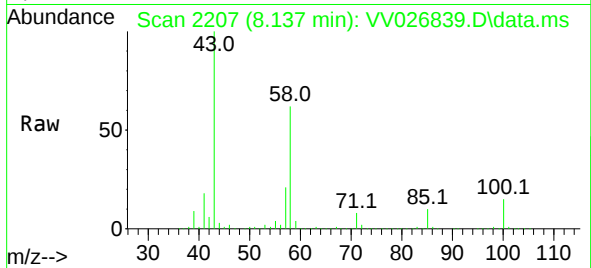


#48
2-Hexanone
Concen: 52.838 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

Instrument :
MSVOA_V
ClientSampleId :
GBHP4MSD

Tgt Ion: 43 Resp: 360121

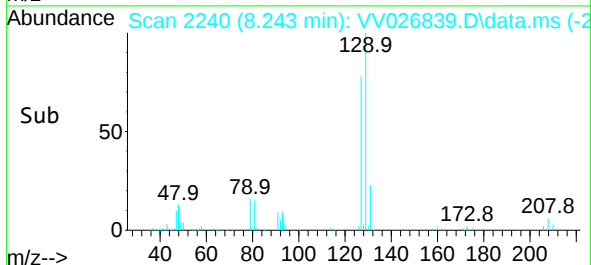
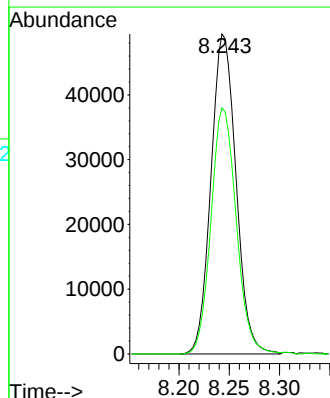
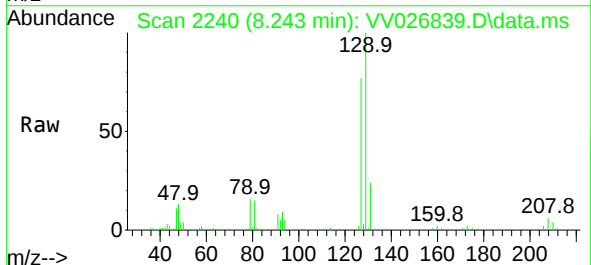
Ion	Ratio	Lower	Upper
43	100		
58	61.9	47.9	71.9
57	20.8	16.3	24.5
100	14.2	11.5	17.3

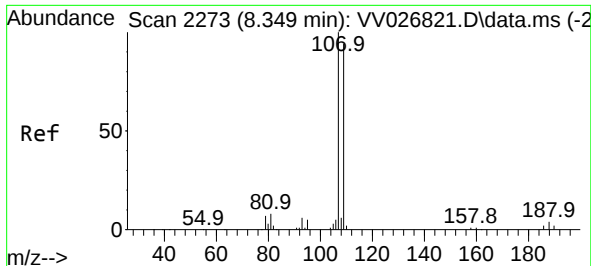


#49
Dibromochloromethane
Concen: 4.974 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

Tgt Ion: 129 Resp: 85435

Ion	Ratio	Lower	Upper
129	100		
127	76.9	55.7	103.5





#50

1,2-Dibromoethane

Concen: 5.228 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026839.D

Acq: 19 Jul 2022 20:46

Instrument :

MSVOA_V

ClientSampleId :

GBHP4MSD

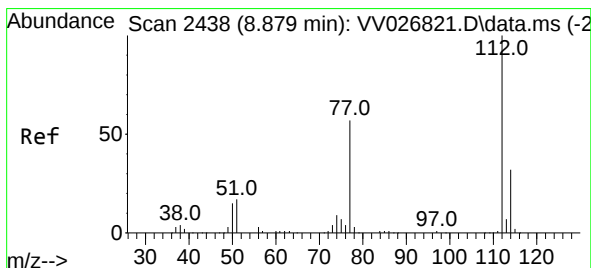
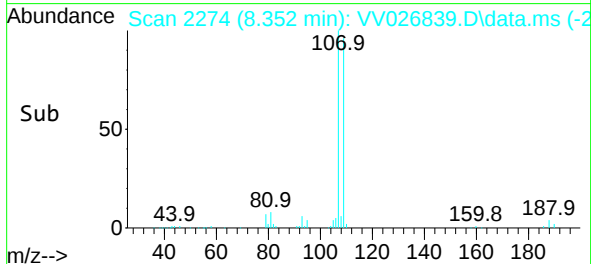
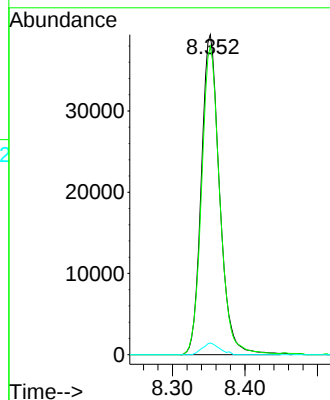
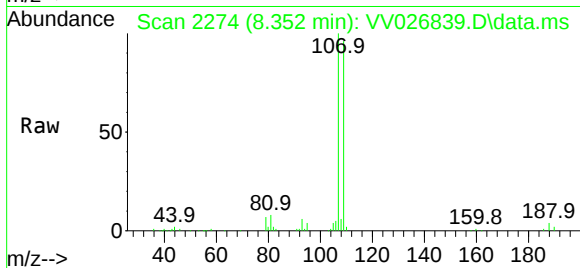
Tgt Ion:107 Resp: 68936

Ion Ratio Lower Upper

107 100

109 96.3 68.0 126.4

188 3.6 2.8 4.2



#51

Chlorobenzene

Concen: 5.117 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV026839.D

Acq: 19 Jul 2022 20:46

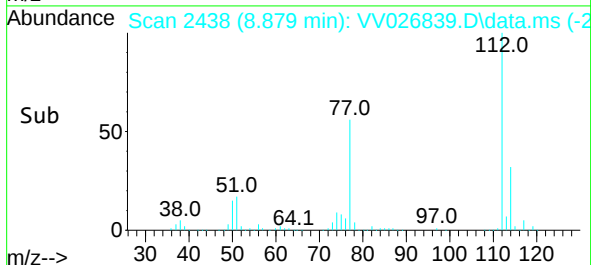
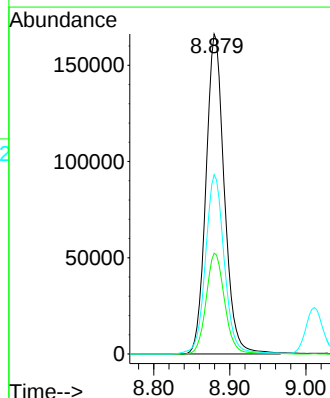
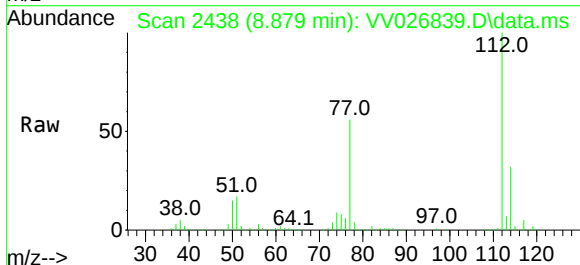
Tgt Ion:112 Resp: 278583

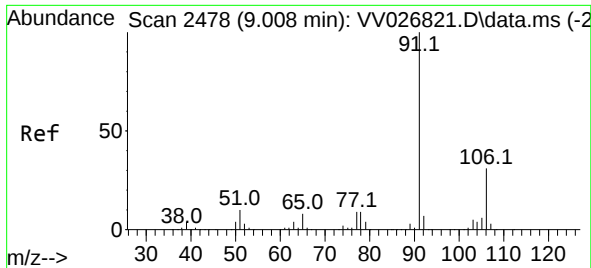
Ion Ratio Lower Upper

112 100

114 31.5 22.7 42.1

77 56.0 46.6 70.0

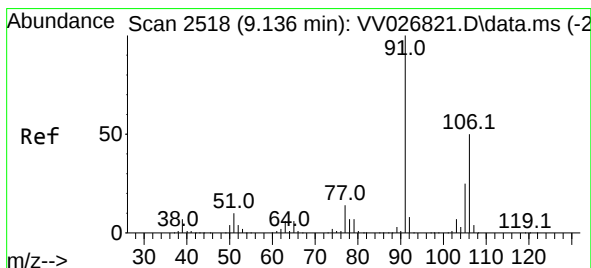
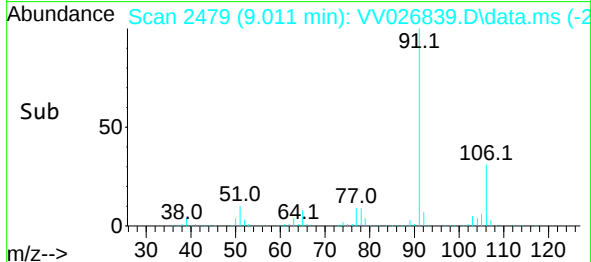
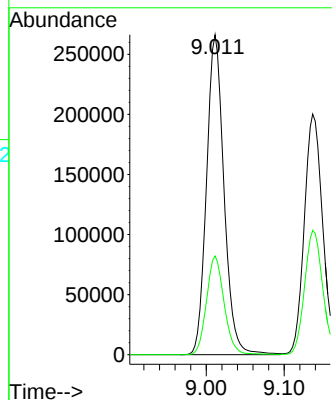
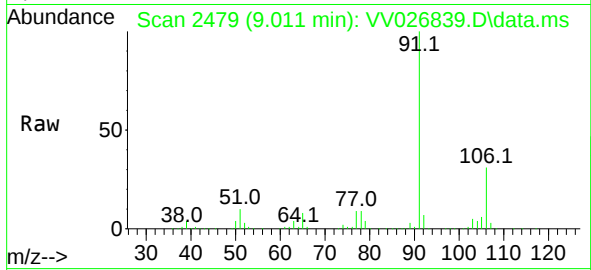




#52
Ethylbenzene
Concen: 4.869 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

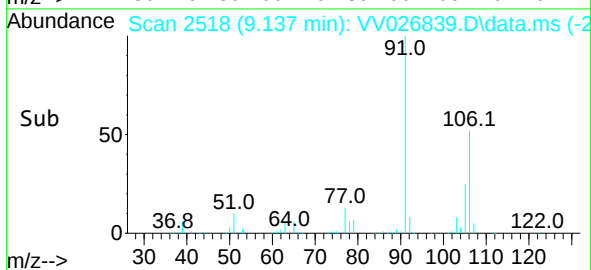
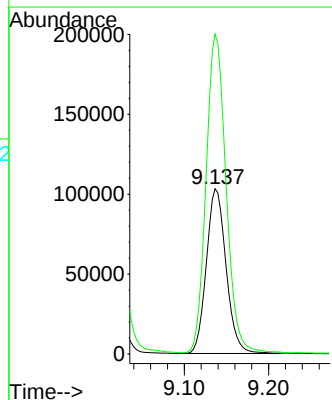
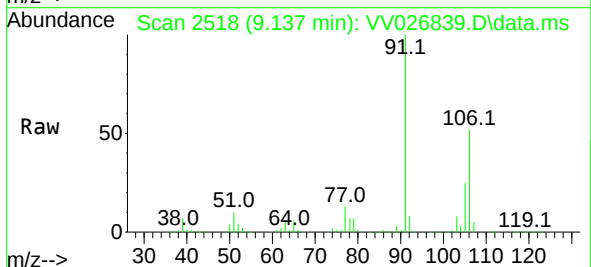
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MSD

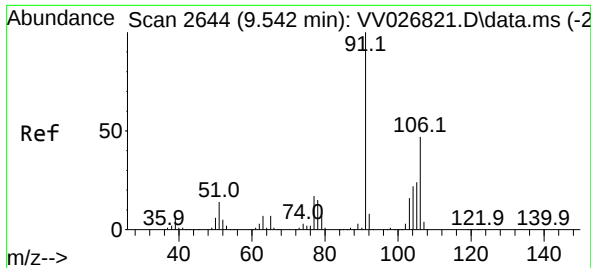
Tgt Ion: 91 Resp: 414870
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.2



#53
m,p-Xylene
Concen: 5.075 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

Tgt Ion: 106 Resp: 168169
Ion Ratio Lower Upper
106 100
91 193.6 139.3 258.7

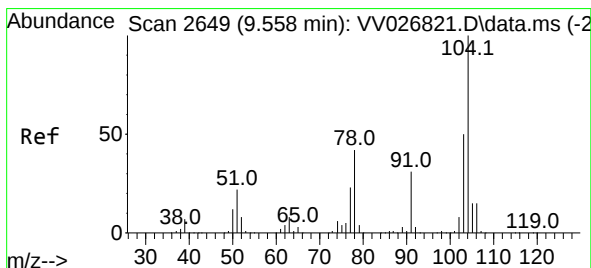
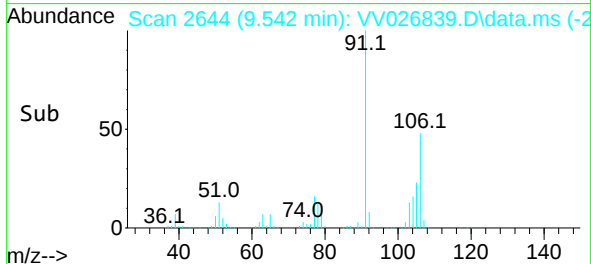
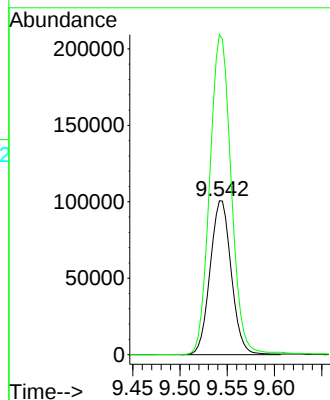
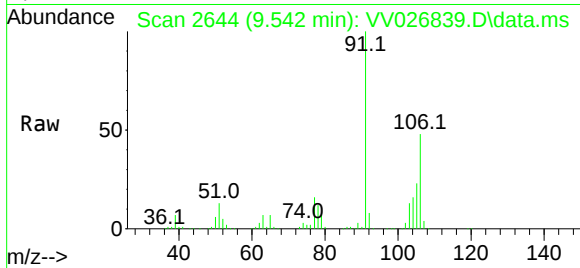




#54
o-Xylene
Concen: 4.977 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

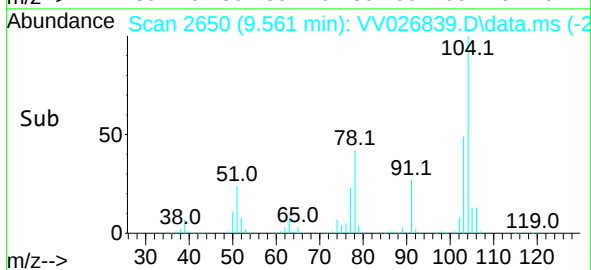
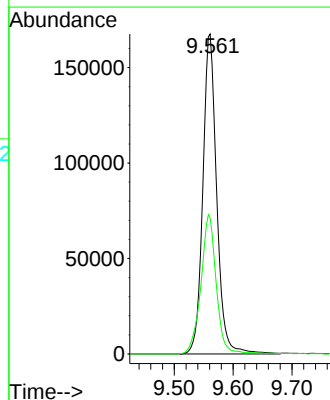
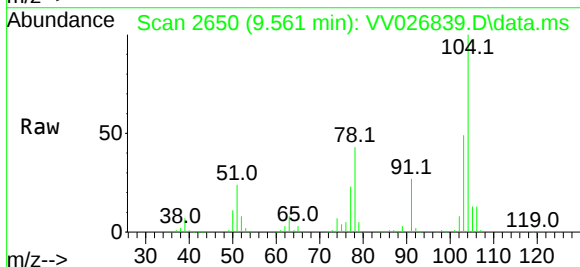
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MSD

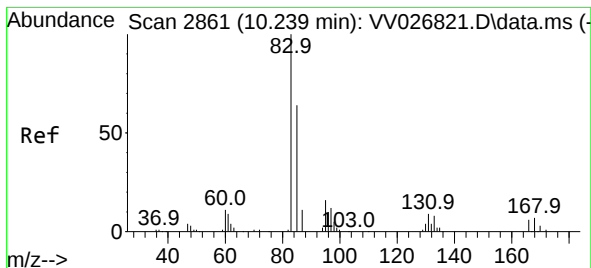
Tgt Ion:106 Resp: 156721
Ion Ratio Lower Upper
106 100
91 207.8 151.1 280.7



#55
Styrene
Concen: 4.976 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

Tgt Ion:104 Resp: 274582
Ion Ratio Lower Upper
104 100
78 42.6 29.5 54.9

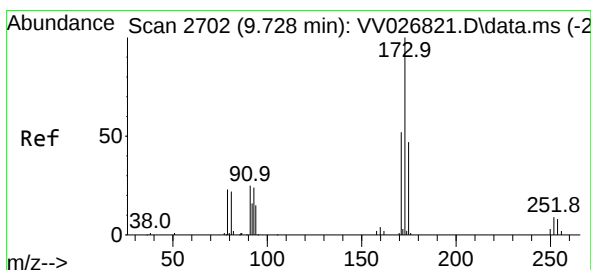
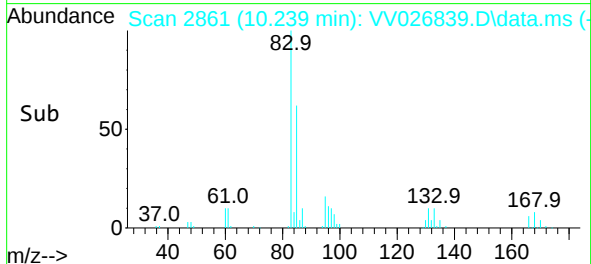
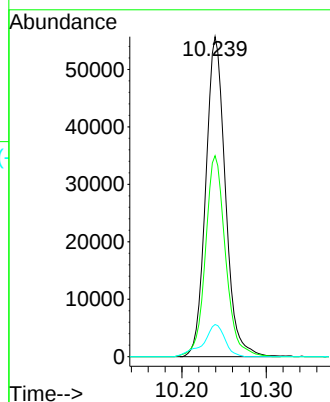
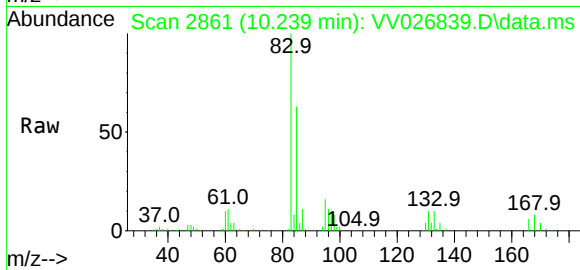




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.116 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026839.D
 Acq: 19 Jul 2022 20:46

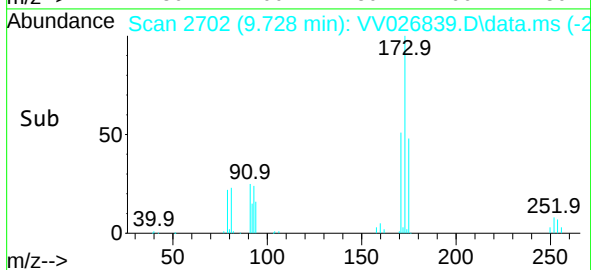
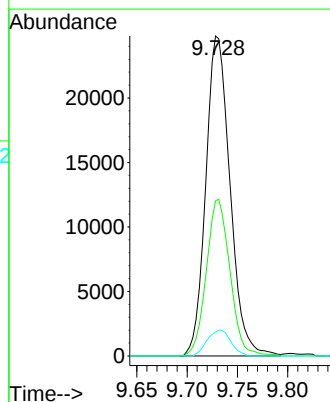
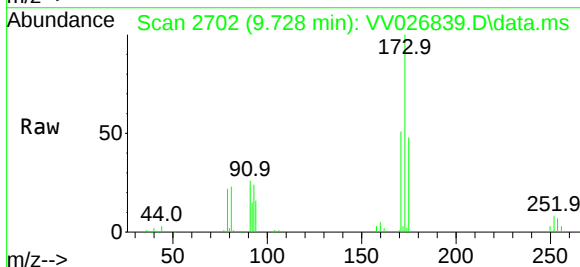
Instrument :
 MSVOA_V
 ClientSampleId :
 GBHP4MSD

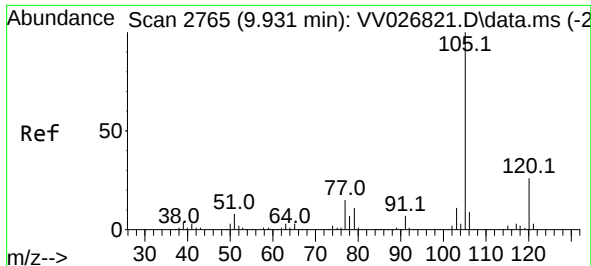
Tgt Ion: 83 Resp: 90252
 Ion Ratio Lower Upper
 83 100
 85 62.8 43.6 81.0
 131 10.1 7.4 11.2



#59
 Bromoform
 Concen: 4.876 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV026839.D
 Acq: 19 Jul 2022 20:46

Tgt Ion: 173 Resp: 41671
 Ion Ratio Lower Upper
 173 100
 175 47.6 40.7 61.1
 254 7.9 6.5 9.7

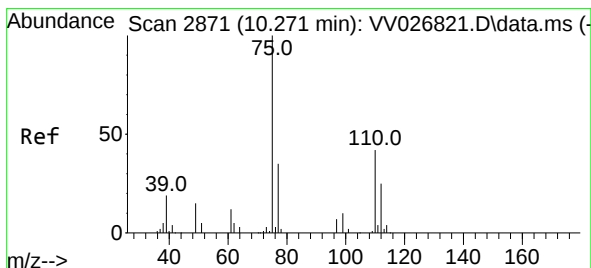
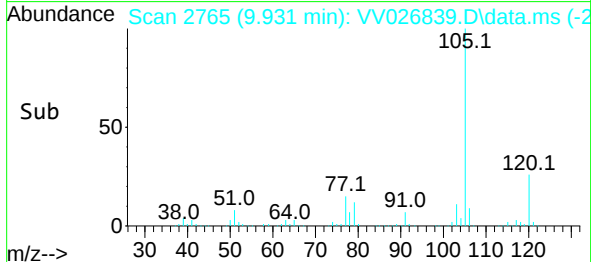
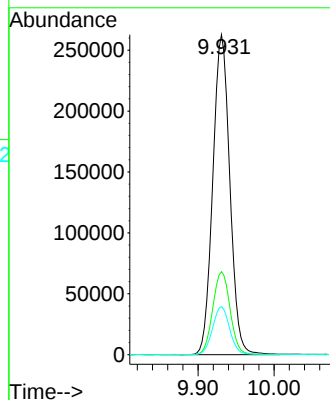
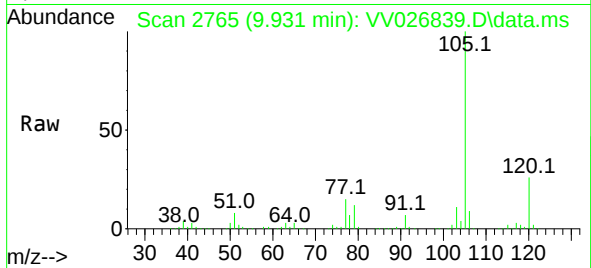




#60
Isopropylbenzene
Concen: 4.915 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

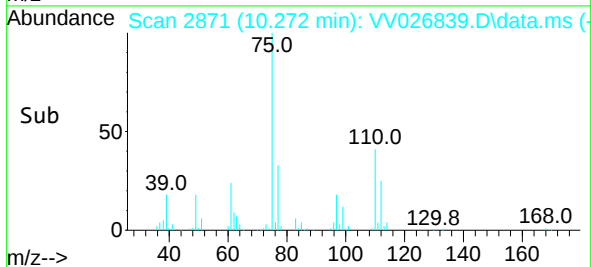
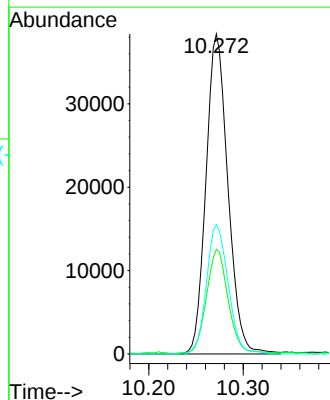
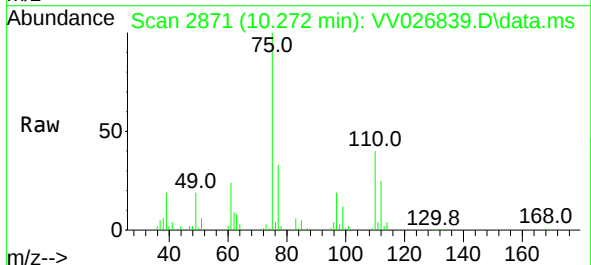
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MSD

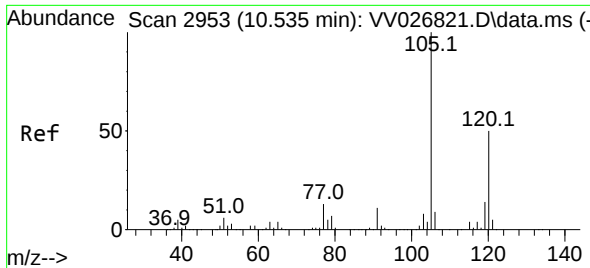
Tgt Ion:105 Resp: 408320
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 15.0 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.035 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

Tgt Ion: 75 Resp: 61857
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0
110 40.0 31.8 47.6

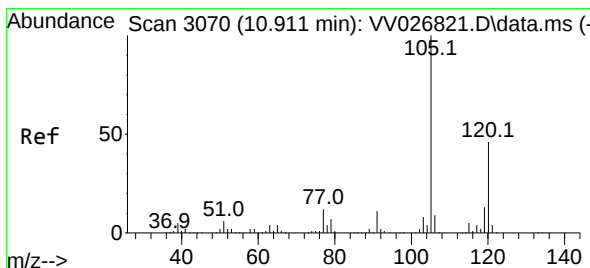
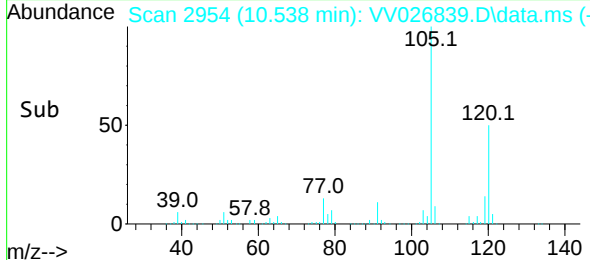
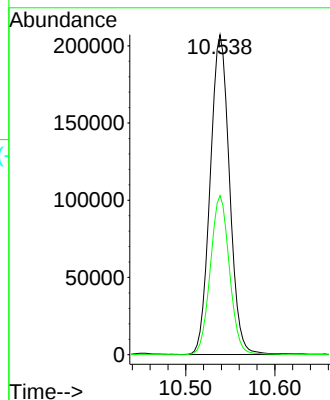
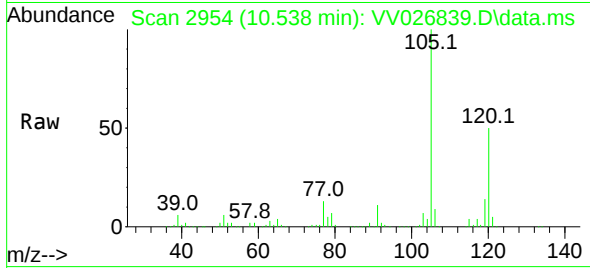




#62
 1,3,5-Trimethylbenzene
 Concen: 4.706 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV026839.D
 Acq: 19 Jul 2022 20:46

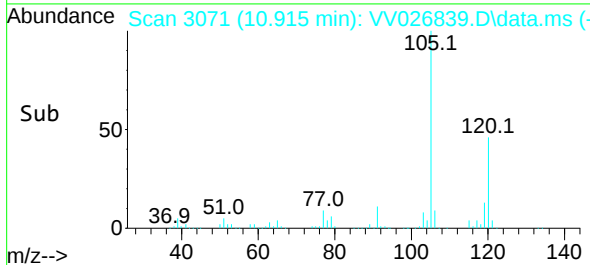
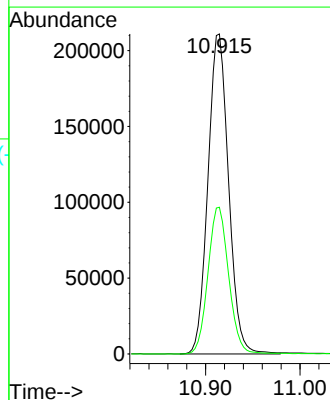
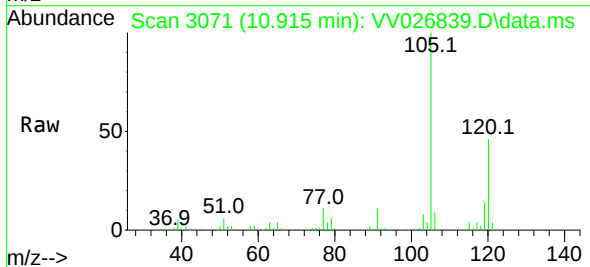
Instrument :
 MSVOA_V
 ClientSampleId :
 GBHP4MSD

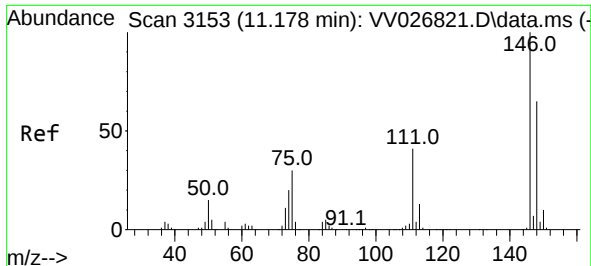
Tgt Ion:105 Resp: 311053
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.762 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV026839.D
 Acq: 19 Jul 2022 20:46

Tgt Ion:105 Resp: 319629
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.8 55.2

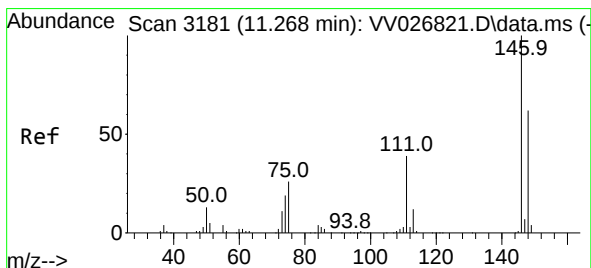
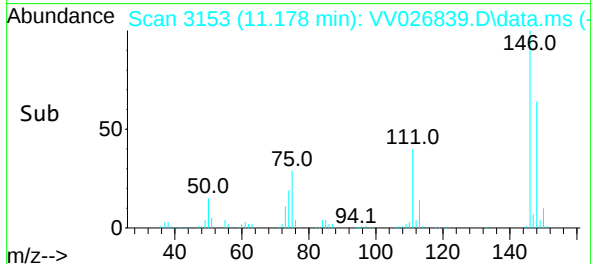
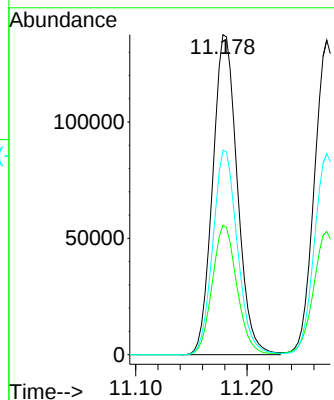
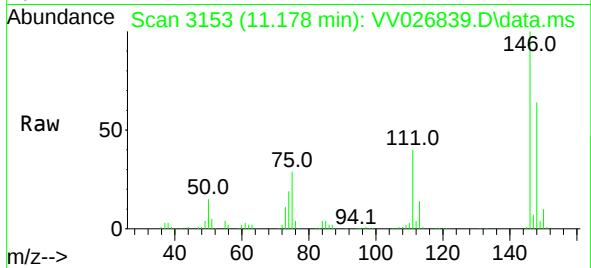




#64
1,3-Dichlorobenzene
Concen: 5.198 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

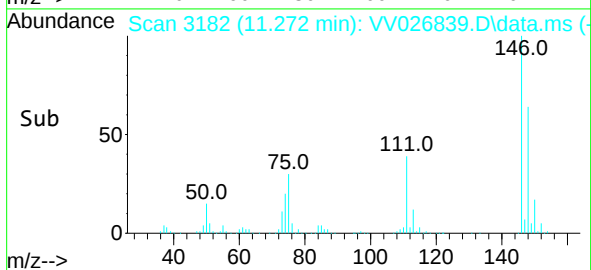
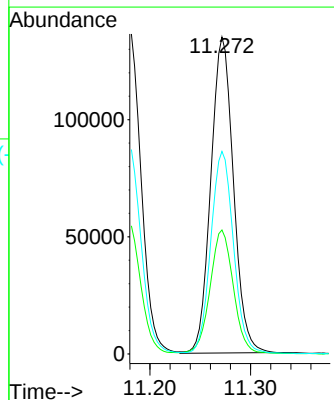
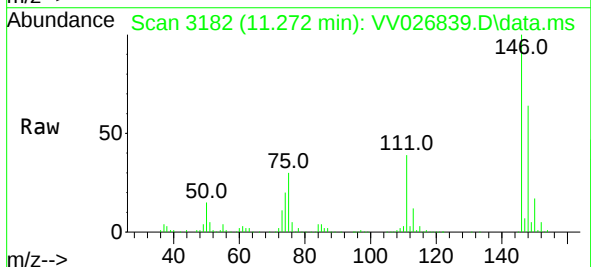
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MSD

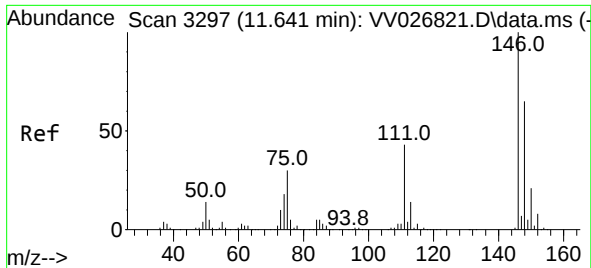
Tgt Ion:146 Resp: 211575
Ion Ratio Lower Upper
146 100
111 40.5 27.9 51.7
148 64.0 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.093 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026839.D
Acq: 19 Jul 2022 20:46

Tgt Ion:146 Resp: 210808
Ion Ratio Lower Upper
146 100
111 39.1 26.8 49.8
148 63.9 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 5.103 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026839.D

Acq: 19 Jul 2022 20:46

Instrument :

MSVOA_V

ClientSampleId :

GBHP4MSD

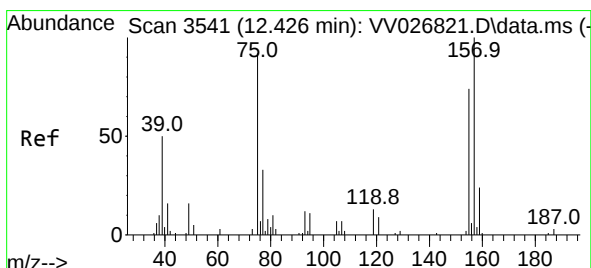
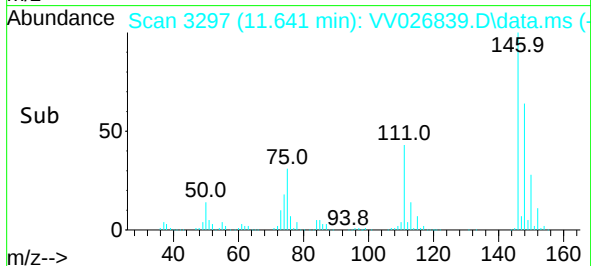
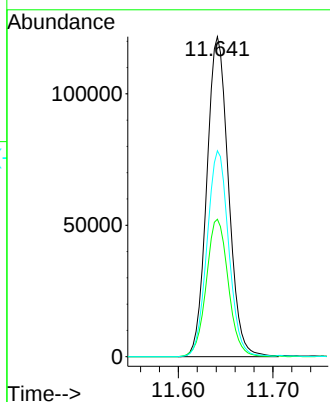
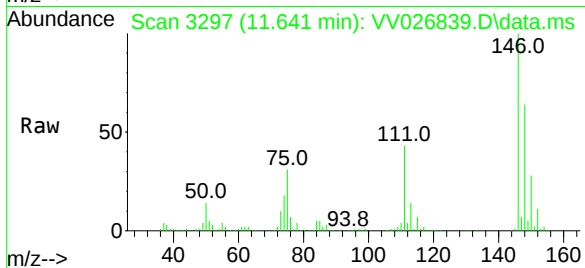
Tgt Ion:146 Resp: 193978

Ion Ratio Lower Upper

146 100

111 43.0 34.6 52.0

148 64.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.640 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026839.D

Acq: 19 Jul 2022 20:46

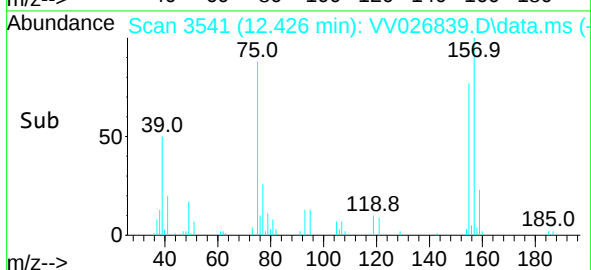
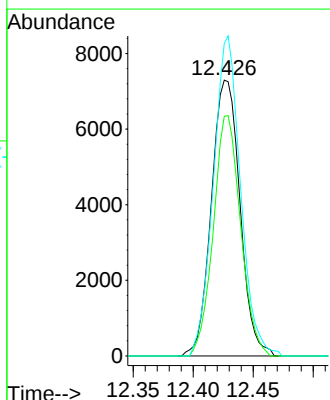
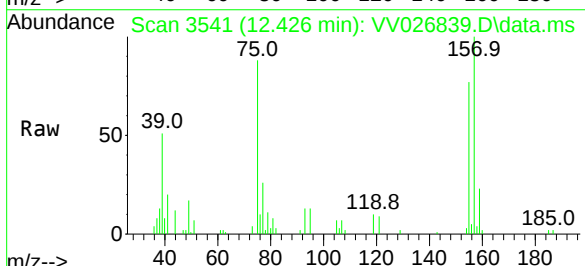
Tgt Ion: 75 Resp: 12083

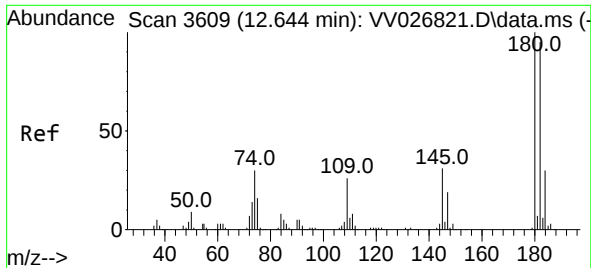
Ion Ratio Lower Upper

75 100

155 86.9 60.3 90.5

157 113.3 78.2 117.4



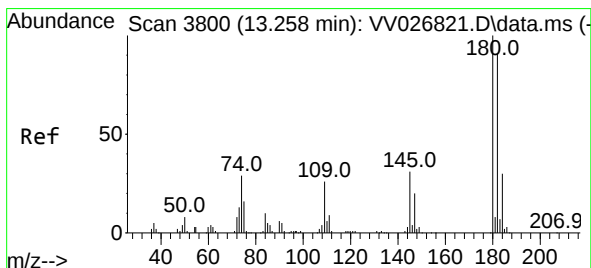
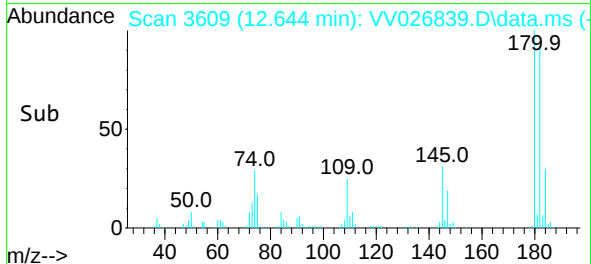
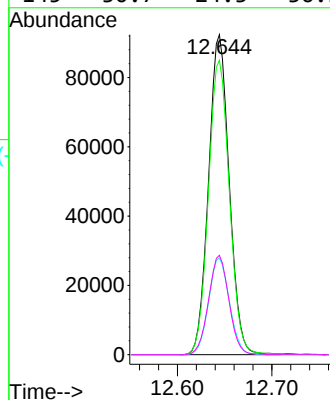
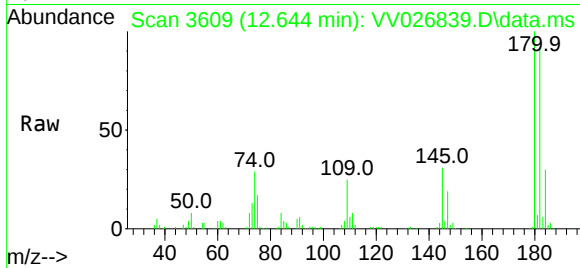


#69
 1,3,5-Trichlorobenzene
 Concen: 4.872 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026839.D
 Acq: 19 Jul 2022 20:46

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHP4MSD

Tgt Ion:180 Resp: 140177

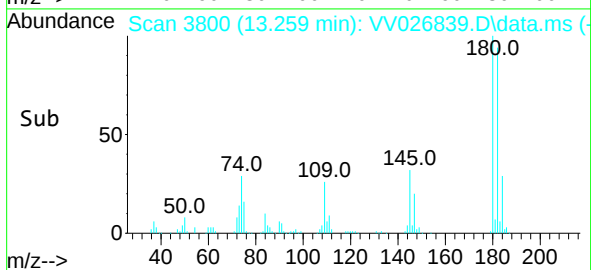
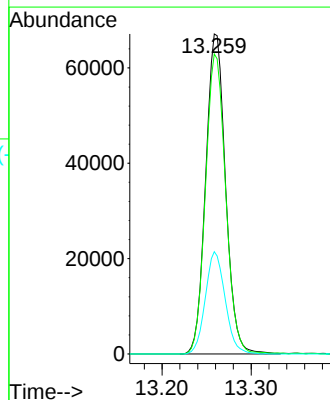
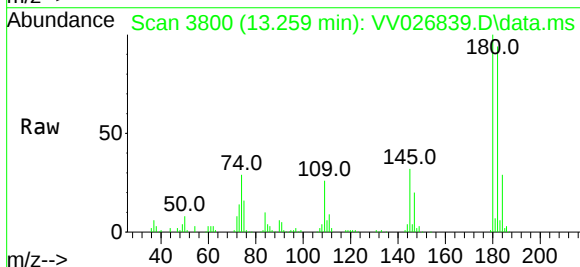
Ion	Ratio	Lower	Upper
180	100		
182	93.6	74.0	111.0
184	30.3	23.1	34.7
145	30.7	24.3	36.5

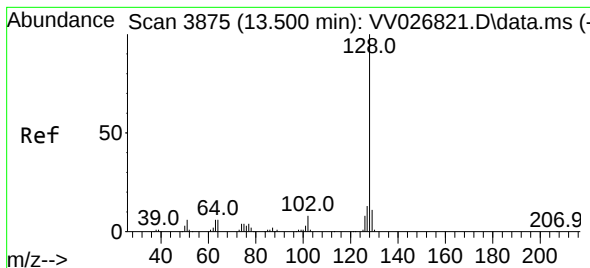


#70
 1,2,4-trichlorobenzene
 Concen: 4.750 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026839.D
 Acq: 19 Jul 2022 20:46

Tgt Ion:180 Resp: 103939

Ion	Ratio	Lower	Upper
180	100		
182	95.0	74.7	112.1
145	31.8	24.7	37.1





#71

Naphthalene

Concen: 4.379 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026839.D

Acq: 19 Jul 2022 20:46

Instrument :

MSVOA_V

ClientSampleId :

GBHP4MSD

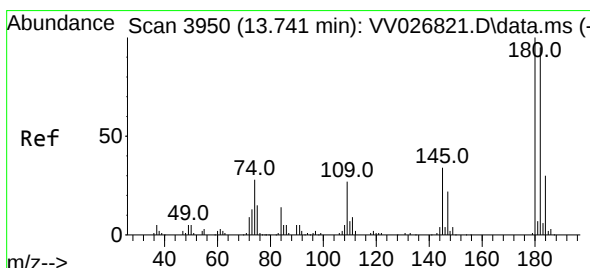
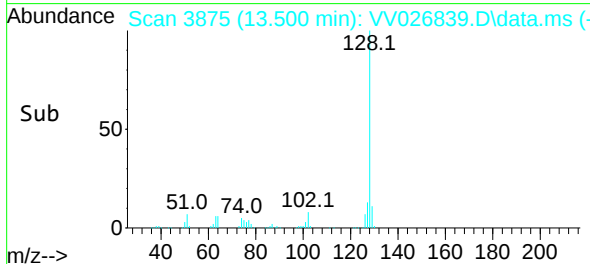
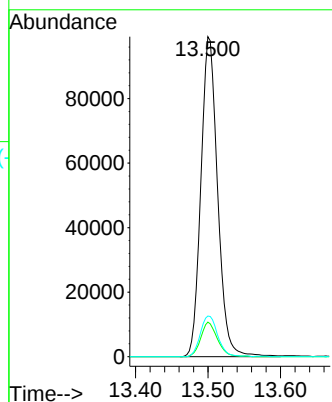
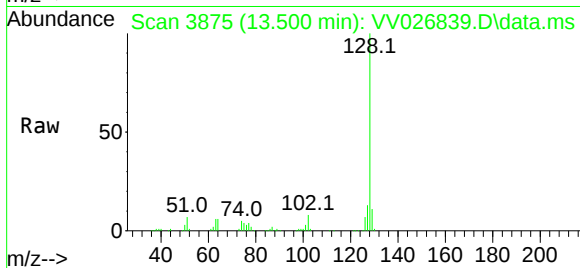
Tgt Ion:128 Resp: 158748

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 13.2 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 4.768 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026839.D

Acq: 19 Jul 2022 20:46

Tgt Ion:180 Resp: 97081

Ion Ratio Lower Upper

180 100

182 95.0 75.0 112.4

145 33.8 26.0 39.0

