

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071922\
 Data File : VW026838.D
 Acq On : 19 Jul 2022 20:21
 Operator : SY/MD
 Sample : N3754-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHP4MS

Quant Time: Jul 20 05:53:19 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	237273	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	245051	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	131151	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67273	3.108	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.200%
7) Chloroethane-d5	1.564	69	67222	3.594	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	2.105	63	139009	3.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.889	46	210196	62.218	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.440%
24) Chloroform-d	4.349	84	173010	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.034	65	78134	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.050	84	283480	3.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	6.069	67	98188	4.398	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.313	98	247698	3.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	7.625	79	29793	4.079	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.088	63	169587	53.624	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	87074	5.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	97896	4.284	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	132493	4.392	ug/L	99
3) Chloromethane	1.240	50	129805	4.484	ug/L	98
5) Vinyl chloride	1.307	62	136754	4.640	ug/L	99
6) Bromomethane	1.519	94	76720	4.349	ug/L	98
8) Chloroethane	1.580	64	84533	4.868	ug/L	100
9) Trichlorofluoromethane	1.748	101	175136	4.676	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	97417	4.540	ug/L	99
12) 1,1-Dichloroethene	2.114	96	98939	4.756	ug/L	89
13) Acetone	2.178	43	137334	48.315	ug/L #	30
14) Carbon disulfide	2.288	76	279188	4.555	ug/L	100
15) Methyl Acetate	2.436	43	32911	5.725	ug/L	96
16) Methylene chloride	2.503	84	115922	4.678	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	187361	5.227	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	99672	5.213	ug/L	95
19) 1,1-Dichloroethane	3.185	63	190998	5.470	ug/L	99
21) 2-Butanone	3.973	43	200322	60.430	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	103186	5.350	ug/L	99
23) Bromochloromethane	4.249	128	49599	5.583	ug/L	96
25) Chloroform	4.375	83	198993	5.441	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071922\
 Data File : VW026838.D
 Acq On : 19 Jul 2022 20:21
 Operator : SY/MD
 Sample : N3754-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHP4MS

Quant Time: Jul 20 05:53:19 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

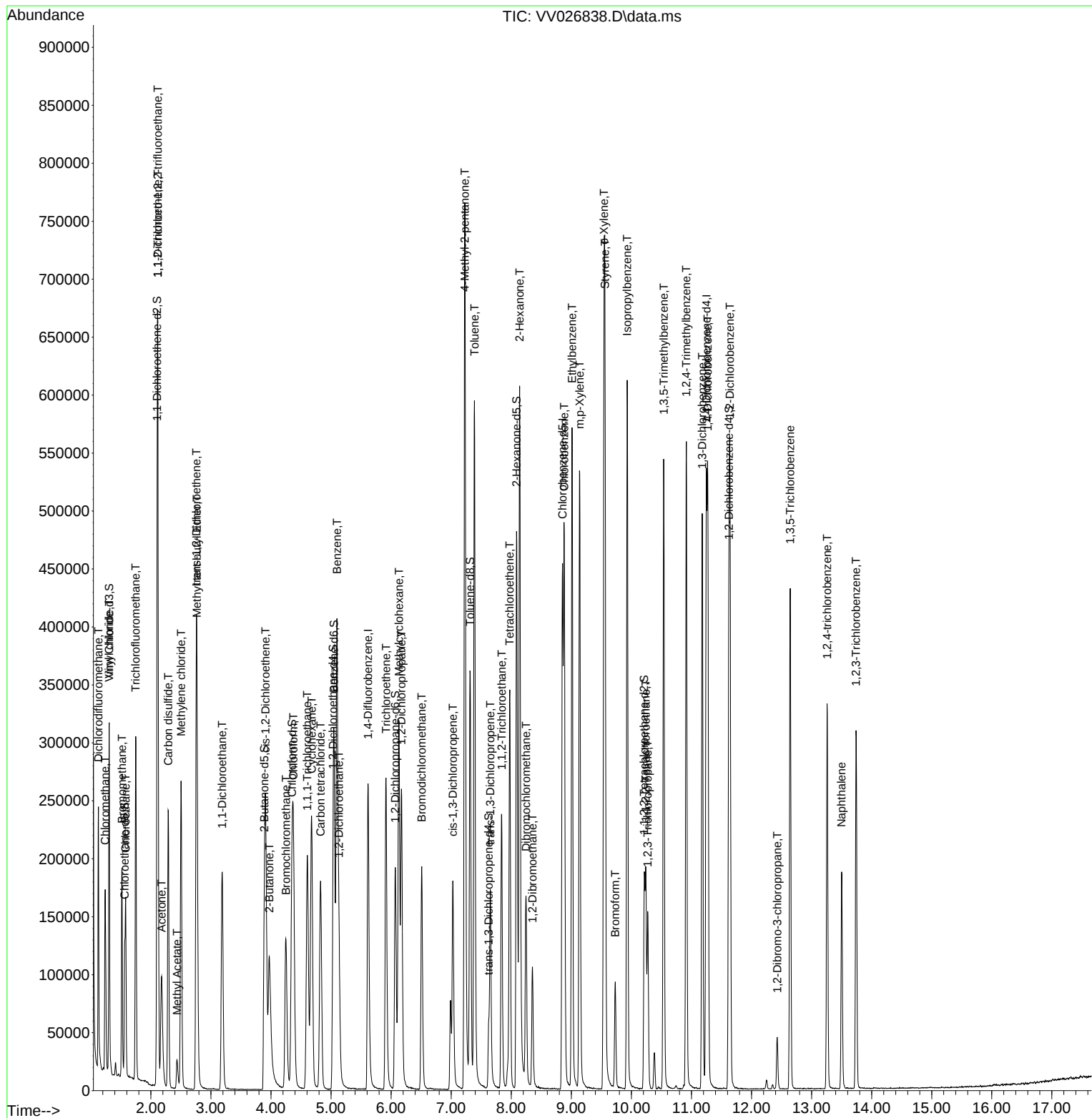
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	106817	5.421	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	167712	5.079	ug/L	98
30) Cyclohexane	4.677	56	111125	3.949	ug/L	98
31) Carbon tetrachloride	4.825	117	140948	4.833	ug/L	98
33) Benzene	5.098	78	418650	5.110	ug/L	100
34) Trichloroethene	5.915	95	98779	4.906	ug/L	97
35) Methylcyclohexane	6.130	83	119816	3.899	ug/L	98
37) 1,2-Dichloropropane	6.172	63	105097	5.365	ug/L	98
38) Bromodichloromethane	6.509	83	132712	5.196	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	115552	4.746	ug/L	94
40) 4-Methyl-2-pentanone	7.226	43	484853	53.580	ug/L	99
42) Toluene	7.387	91	442254	5.345	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	100835	5.044	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	77486	5.411	ug/L	98
47) Tetrachloroethene	7.976	164	76594	4.850	ug/L	98
48) 2-Hexanone	8.140	43	365852	55.861	ug/L	99
49) Dibromochloromethane	8.246	129	86590	5.247	ug/L	97
50) 1,2-Dibromoethane	8.352	107	69333	5.472	ug/L	95
51) Chlorobenzene	8.882	112	271507	5.190	ug/L	99
52) Ethylbenzene	9.011	91	391009	4.775	ug/L	100
53) m,p-Xylene	9.140	106	156233	4.906	ug/L	99
54) o-Xylene	9.545	106	148158	4.896	ug/L	98
55) Styrene	9.561	104	270911	5.109	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	89779	5.296	ug/L	96
59) Bromoform	9.731	173	40747	4.842	ug/L	96
60) Isopropylbenzene	9.931	105	377278	4.612	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	62188	5.142	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	287927	4.424	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	297337	4.499	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	202554	5.054	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	201975	4.956	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	188190	5.028	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	11942	4.658	ug/L	85
69) 1,3,5-Trichlorobenzene	12.644	180	129933	4.587	ug/L	96
70) 1,2,4-trichlorobenzene	13.258	180	97662	4.533	ug/L	97
71) Naphthalene	13.500	128	147436	4.131	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	90402	4.510	ug/L	97

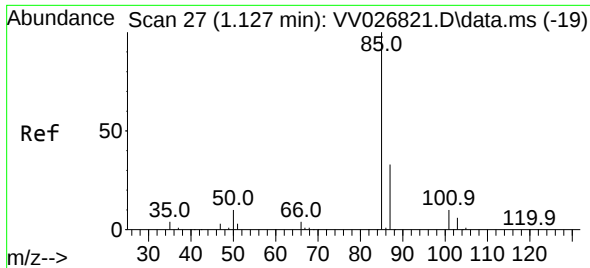
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071922\
Data File : VV026838.D
Acq On : 19 Jul 2022 20:21
Operator : SY/MD
Sample : N3754-02MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBHP4MS

Quant Time: Jul 20 05:53:19 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

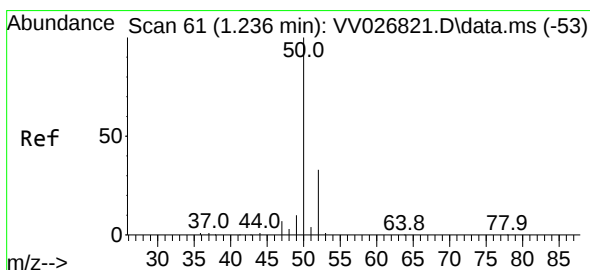
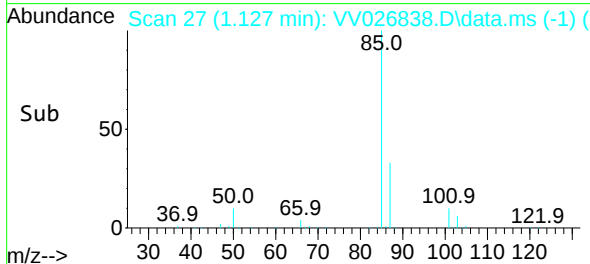
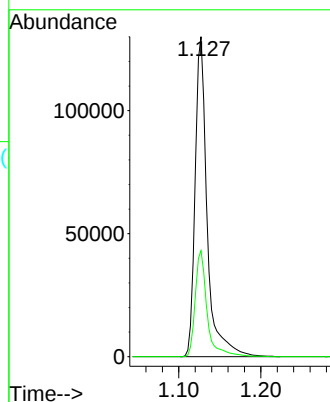
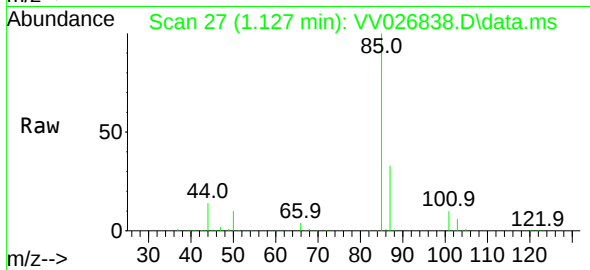




#2
 Dichlorodifluoromethane
 Concen: 4.392 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV026838.D
 Acq: 19 Jul 2022 20:21

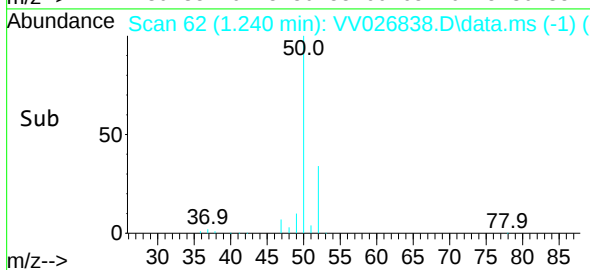
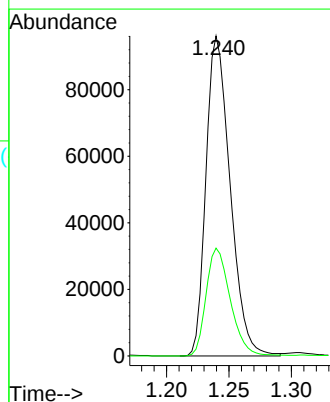
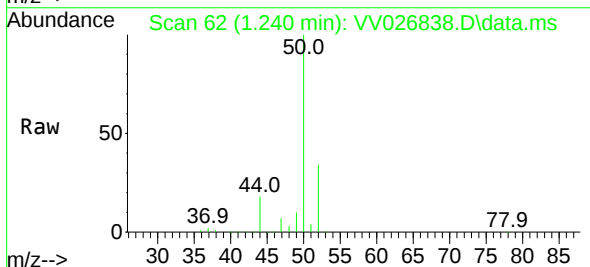
Instrument :
 MSVOA_V
 ClientSampleId :
 GBHP4MS

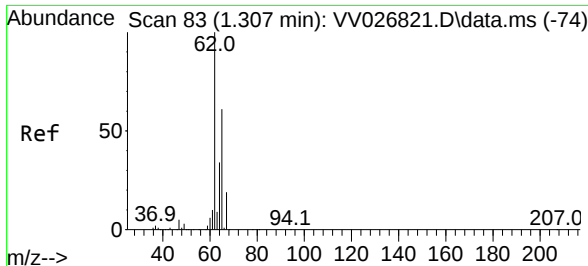
Tgt Ion: 85 Resp: 132493
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.8



#3
 Chloromethane
 Concen: 4.484 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026838.D
 Acq: 19 Jul 2022 20:21

Tgt Ion: 50 Resp: 129805
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.8 42.4

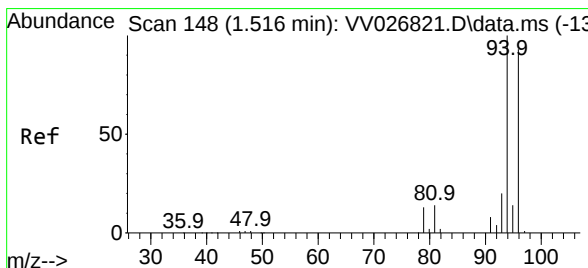
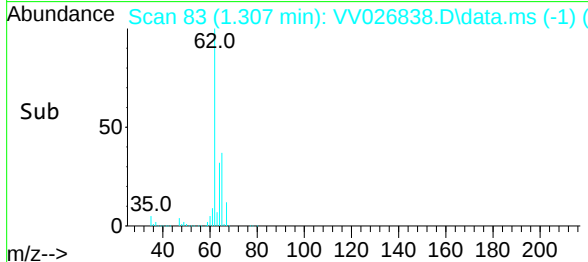
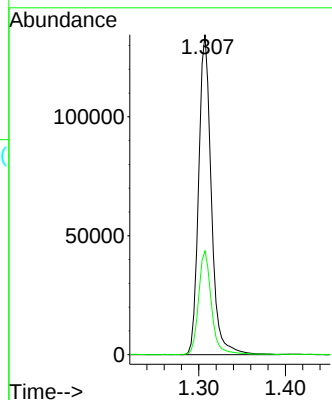
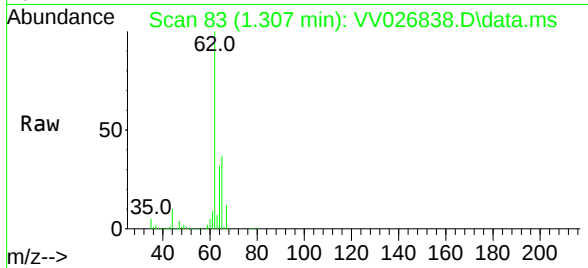




#5
 Vinyl chloride
 Concen: 4.640 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV026838.D
 Acq: 19 Jul 2022 20:21

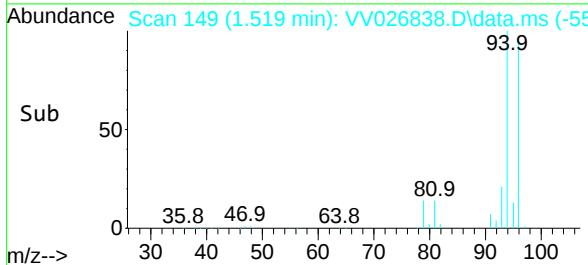
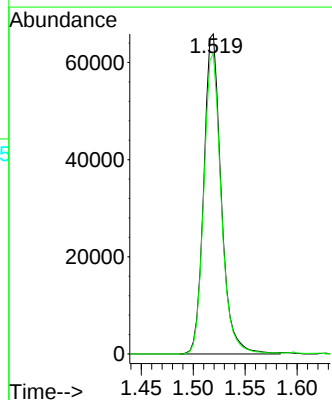
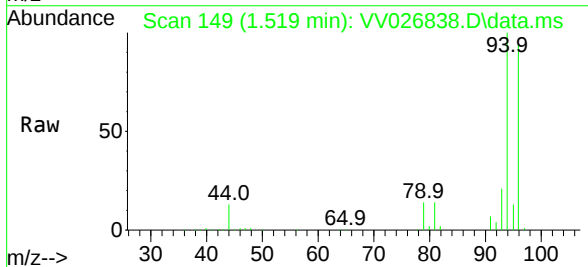
Instrument :
 MSVOA_V
 ClientSampleId :
 GBHP4MS

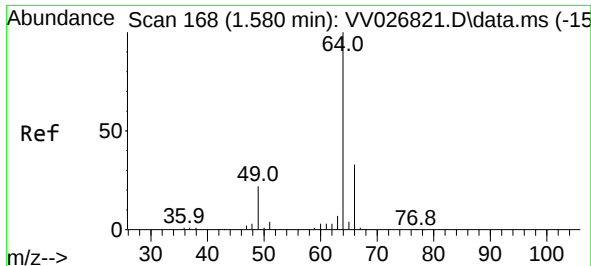
Tgt Ion: 62 Resp: 136754
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.9 42.5



#6
 Bromomethane
 Concen: 4.349 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV026838.D
 Acq: 19 Jul 2022 20:21

Tgt Ion: 94 Resp: 76720
 Ion Ratio Lower Upper
 94 100
 96 93.8 67.1 124.7

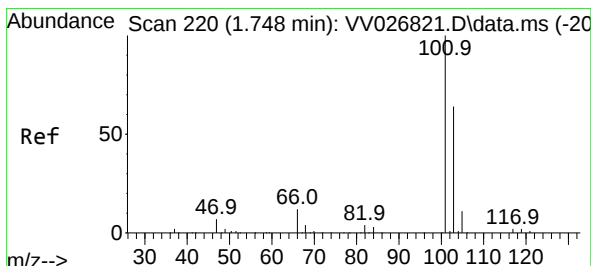
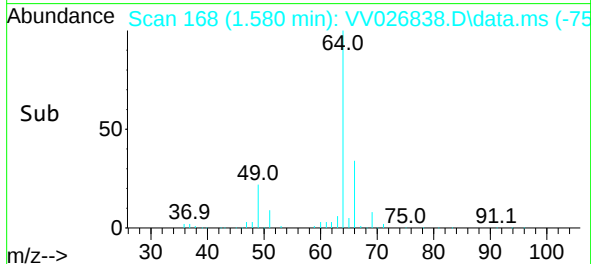
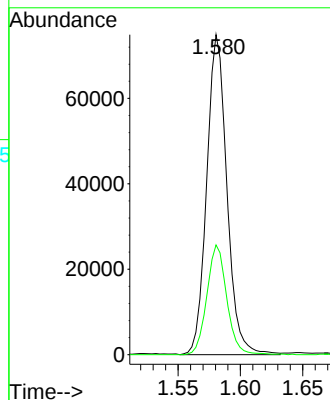
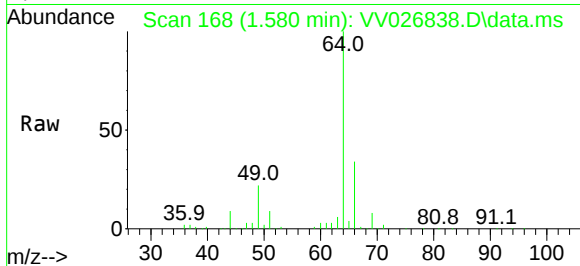




#8
Chloroethane
Concen: 4.868 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

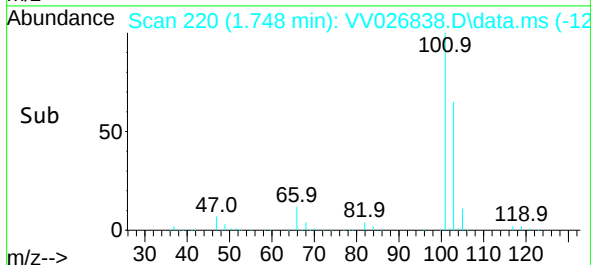
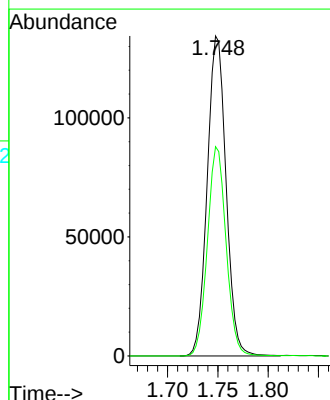
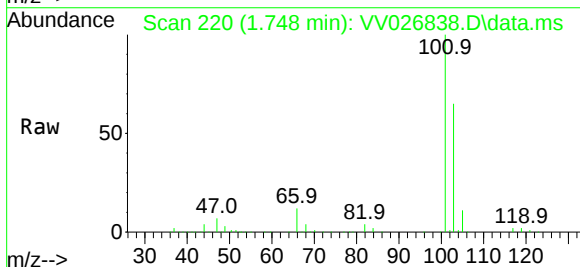
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MS

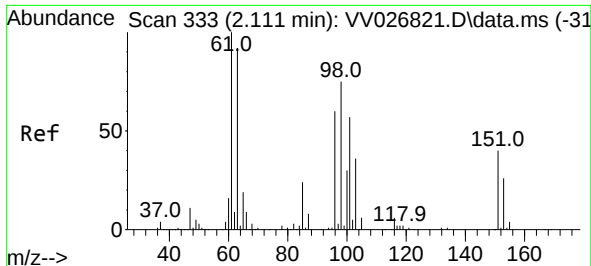
Tgt Ion: 64 Resp: 84533
Ion Ratio Lower Upper
64 100
66 34.3 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.676 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

Tgt Ion:101 Resp: 175136
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

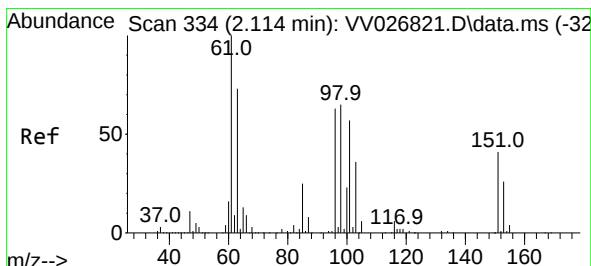
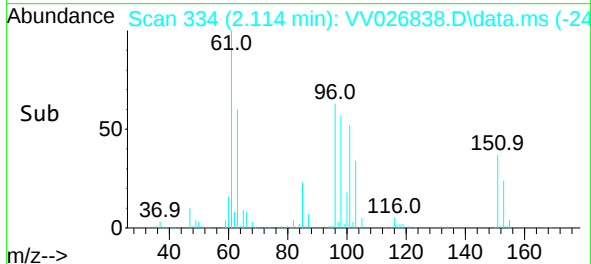
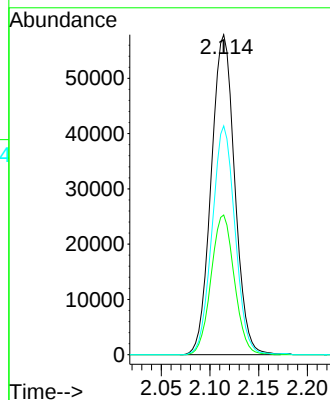
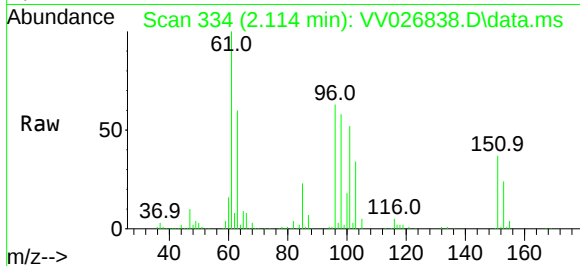




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.540 ug/L
 RT: 2.114 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026838.D
 Acq: 19 Jul 2022 20:21

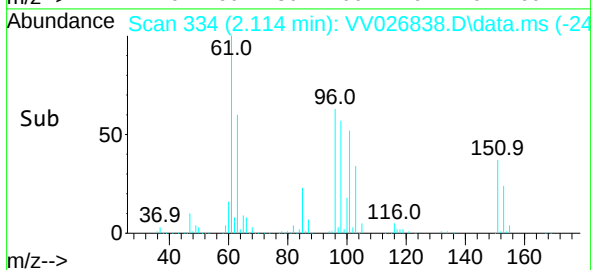
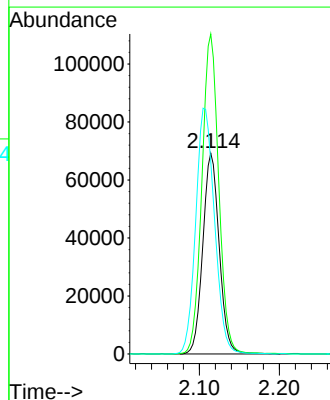
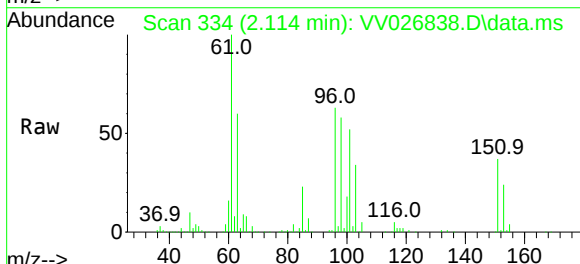
Instrument :
 MSVOA_V
 ClientSampleId :
 GBHP4MS

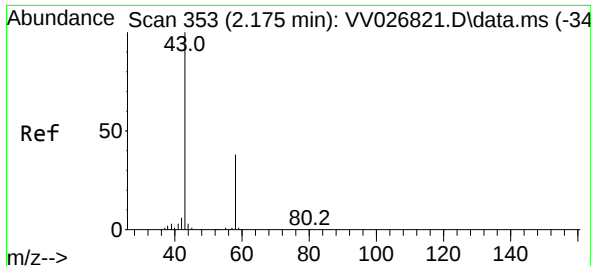
Tgt Ion:101 Resp: 97417
 Ion Ratio Lower Upper
 101 100
 85 43.1 35.0 52.4
 151 69.8 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 4.756 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV026838.D
 Acq: 19 Jul 2022 20:21

Tgt Ion: 96 Resp: 98939
 Ion Ratio Lower Upper
 96 100
 61 159.4 118.3 219.7
 63 95.8 79.9 148.3





#13

Acetone

Concen: 48.315 ug/L

RT: 2.178 min Scan# 353

Delta R.T. 0.003 min

Lab File: VV026838.D

Acq: 19 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

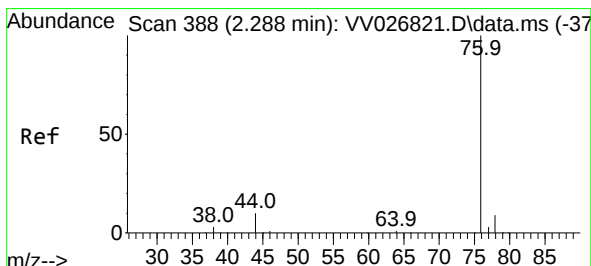
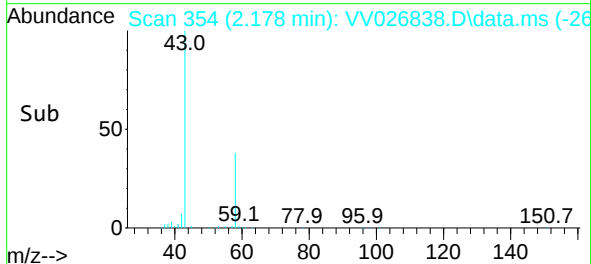
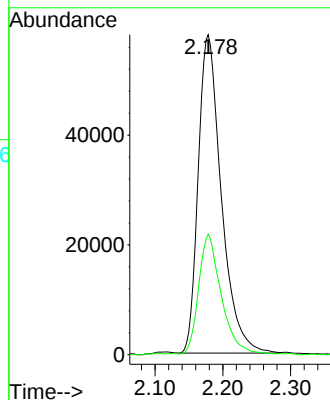
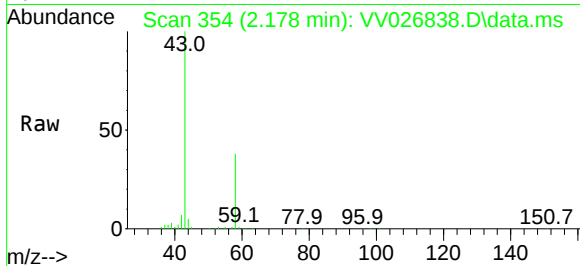
GBHP4MS

Tgt Ion: 43 Resp: 137334

Ion Ratio Lower Upper

43 100

58 36.5 0.0 20.6#



#14

Carbon disulfide

Concen: 4.555 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV026838.D

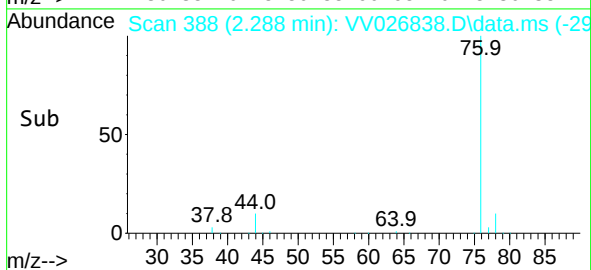
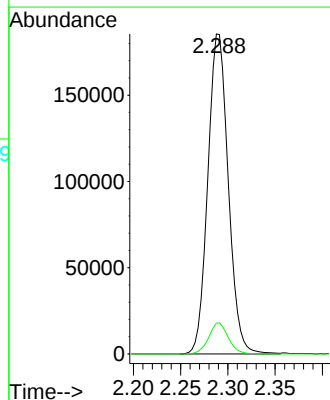
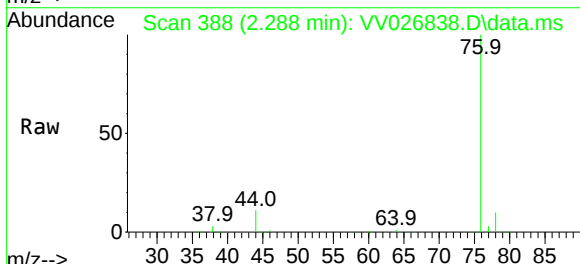
Acq: 19 Jul 2022 20:21

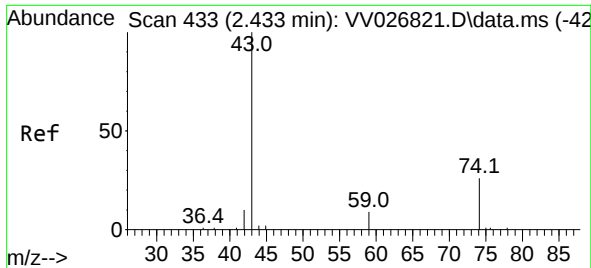
Tgt Ion: 76 Resp: 279188

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5

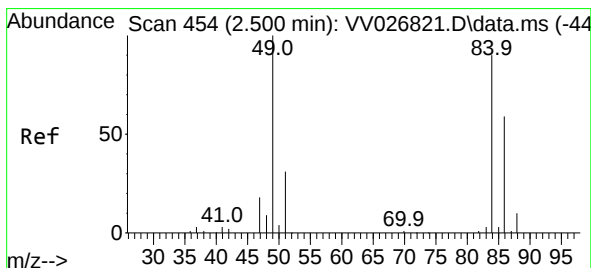
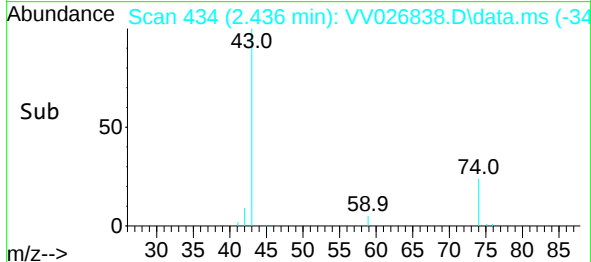
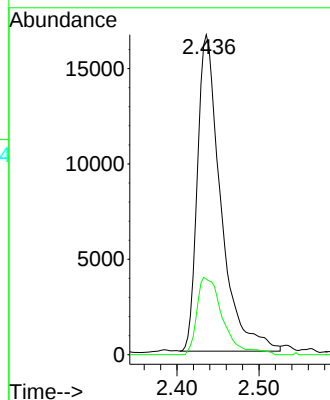
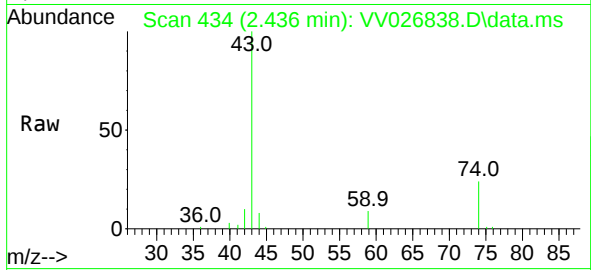




#15
Methyl Acetate
Concen: 5.725 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

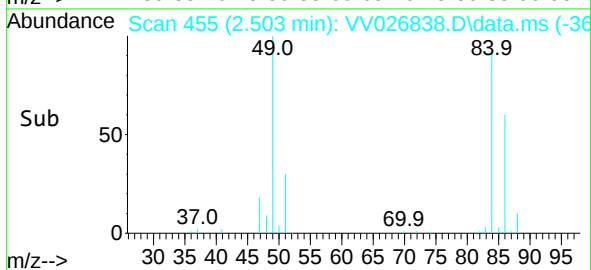
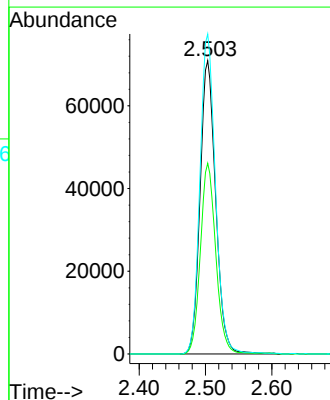
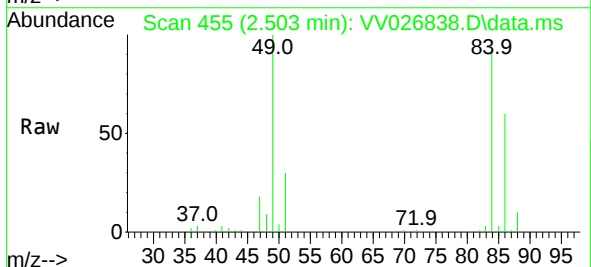
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MS

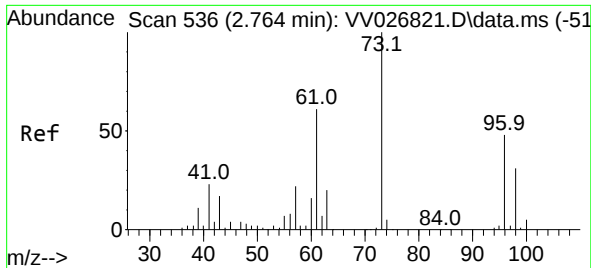
Tgt Ion: 43 Resp: 32911
Ion Ratio Lower Upper
43 100
74 26.9 20.1 30.1



#16
Methylene chloride
Concen: 4.678 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

Tgt Ion: 84 Resp: 115922
Ion Ratio Lower Upper
84 100
86 65.0 44.8 83.2
49 109.1 78.7 146.1

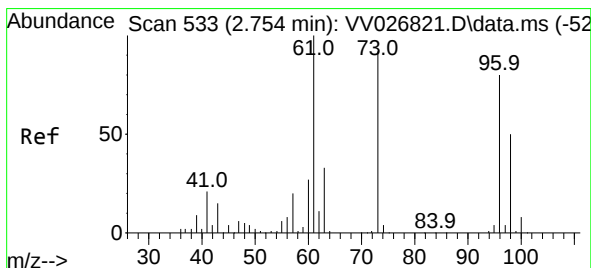
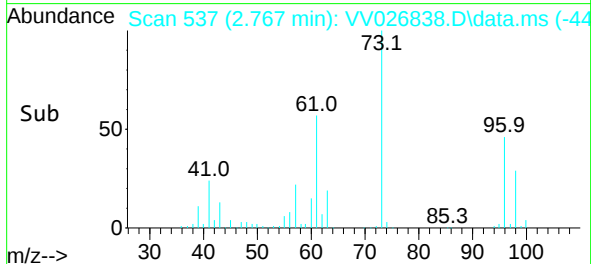
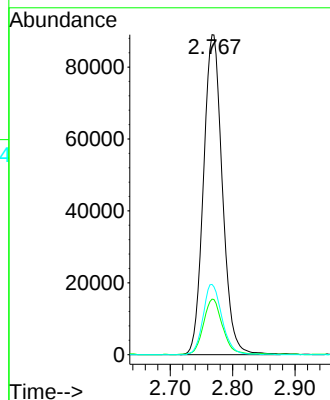
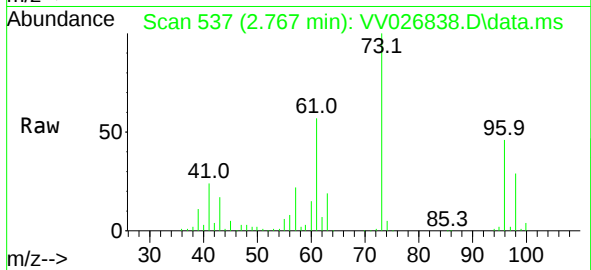




#17
Methyl tert-butyl Ether
Concen: 5.227 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

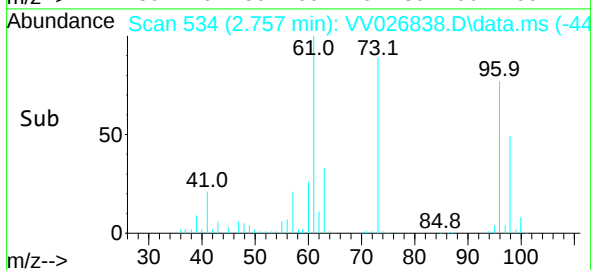
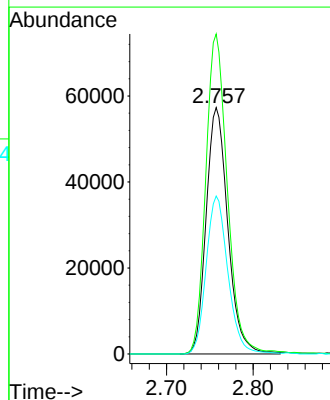
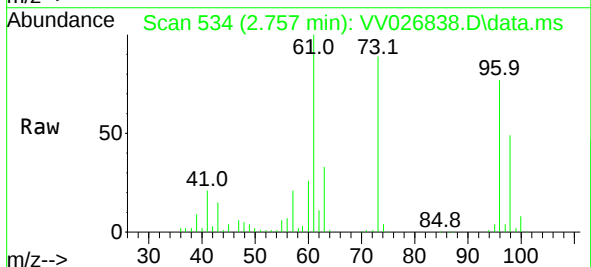
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MS

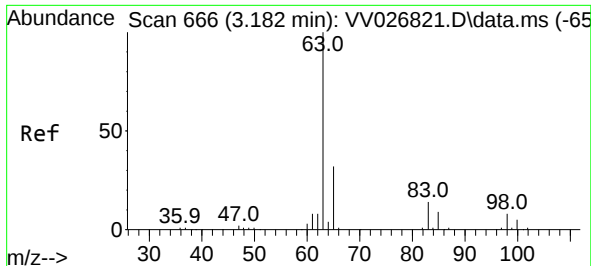
Tgt Ion: 73 Resp: 187361
Ion Ratio Lower Upper
73 100
43 17.7 14.0 21.0
57 21.9 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.213 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

Tgt Ion: 96 Resp: 99672
Ion Ratio Lower Upper
96 100
61 129.9 94.7 175.9
98 64.1 47.4 88.0





#19

1,1-Dichloroethane

Concen: 5.470 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026838.D

Acq: 19 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

GBHP4MS

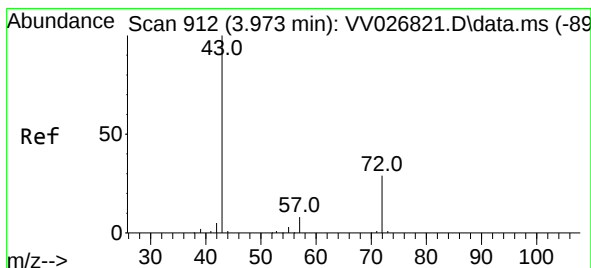
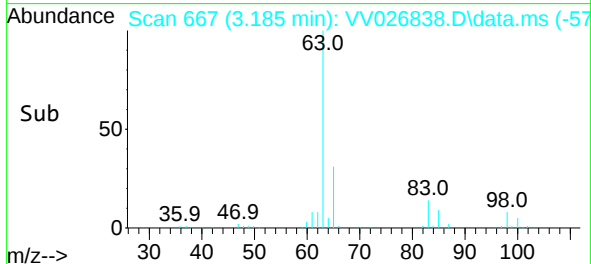
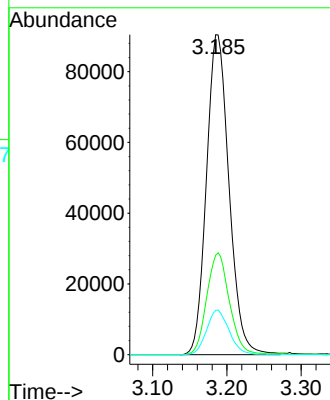
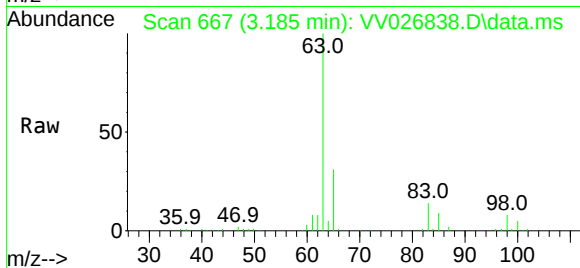
Tgt Ion: 63 Resp: 190998

Ion Ratio Lower Upper

63 100

65 31.1 22.3 41.3

83 13.8 9.9 18.5



#21

2-Butanone

Concen: 60.430 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.000 min

Lab File: VV026838.D

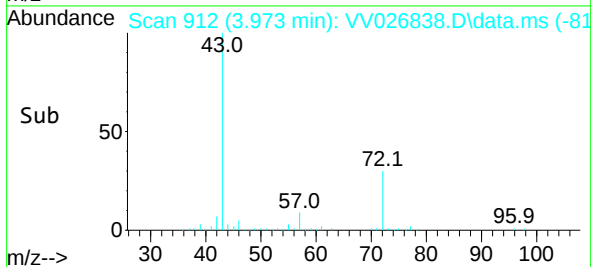
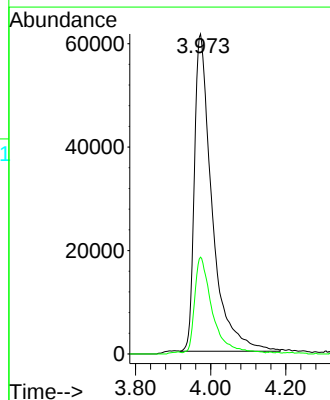
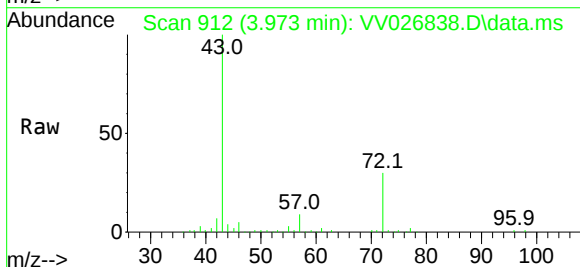
Acq: 19 Jul 2022 20:21

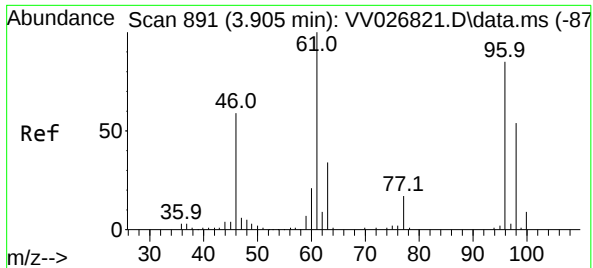
Tgt Ion: 43 Resp: 200322

Ion Ratio Lower Upper

43 100

72 30.2 13.9 41.7

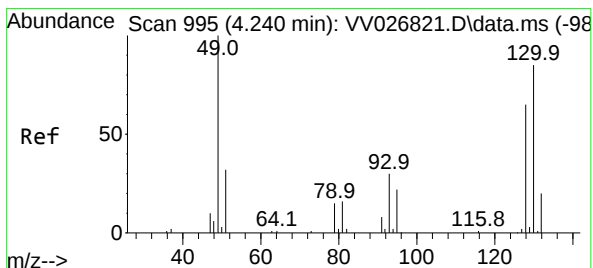
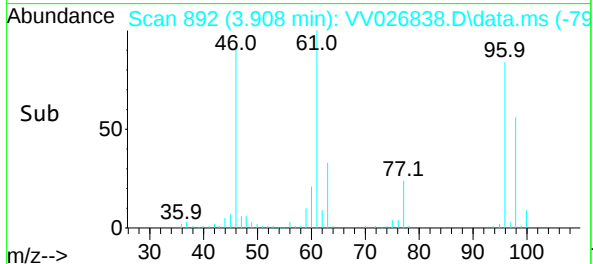
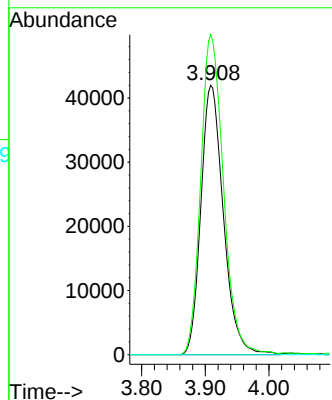
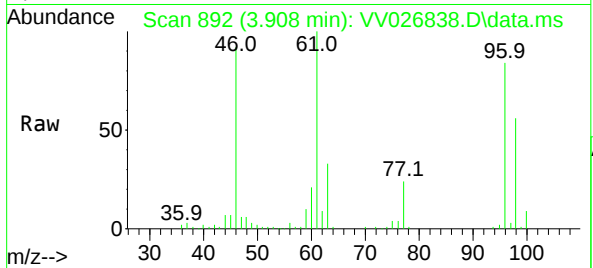




#22
 cis-1,2-Dichloroethene
 Concen: 5.350 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV026838.D
 Acq: 19 Jul 2022 20:21

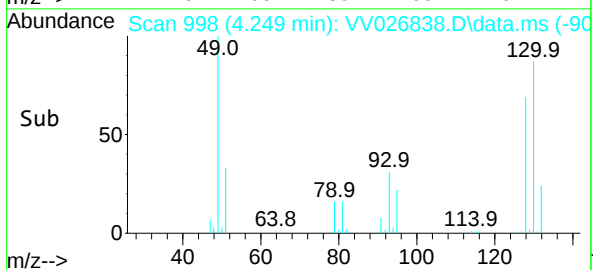
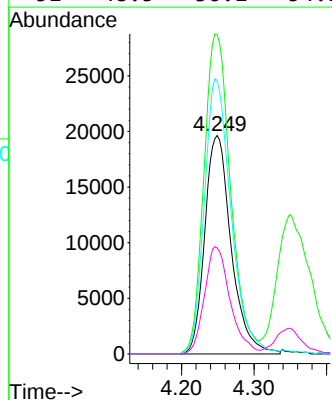
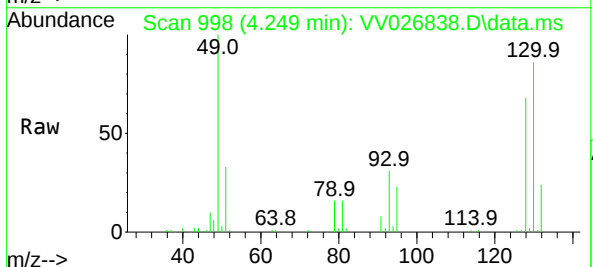
Instrument :
 MSVOA_V
 ClientSampleId :
 GBHP4MS

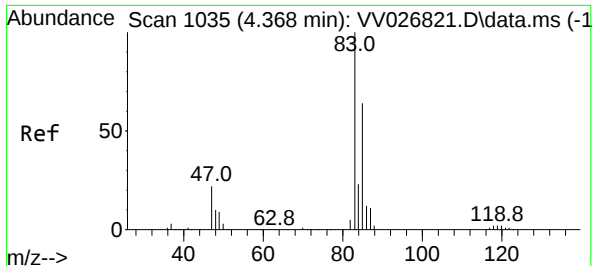
Tgt Ion: 96 Resp: 103186
 Ion Ratio Lower Upper
 96 100
 61 118.7 83.9 155.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.583 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.010 min
 Lab File: VV026838.D
 Acq: 19 Jul 2022 20:21

Tgt Ion: 128 Resp: 49599
 Ion Ratio Lower Upper
 128 100
 49 146.4 107.2 199.2
 130 125.2 87.1 161.7
 51 48.5 36.1 54.1





#25

Chloroform

Concen: 5.441 ug/L

RT: 4.375 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VV026838.D

Acq: 19 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

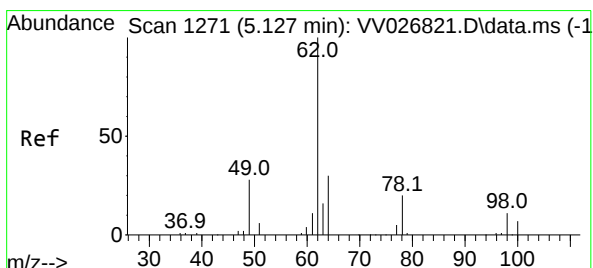
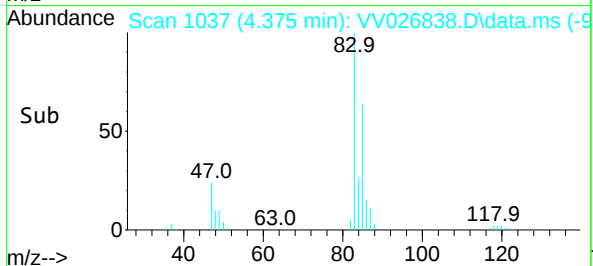
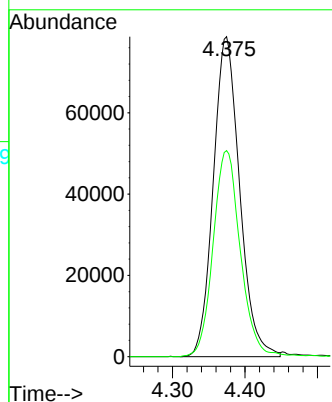
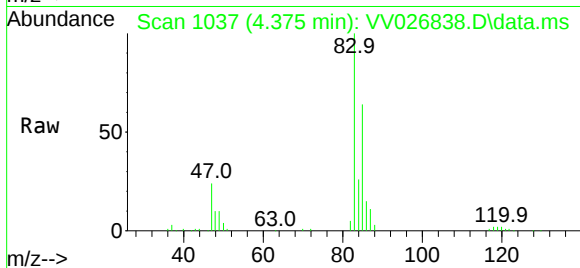
GBHP4MS

Tgt Ion: 83 Resp: 198993

Ion Ratio Lower Upper

83 100

85 64.4 45.7 84.9



#27

1,2-Dichloroethane

Concen: 5.421 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV026838.D

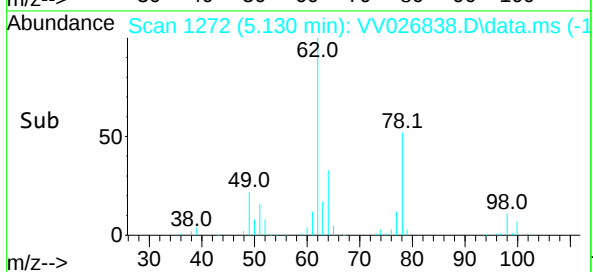
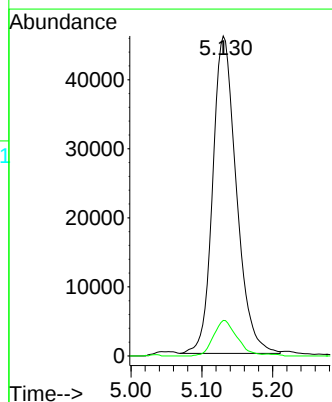
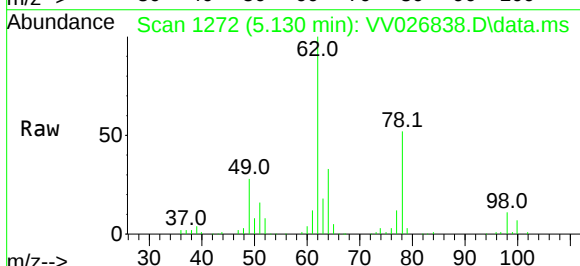
Acq: 19 Jul 2022 20:21

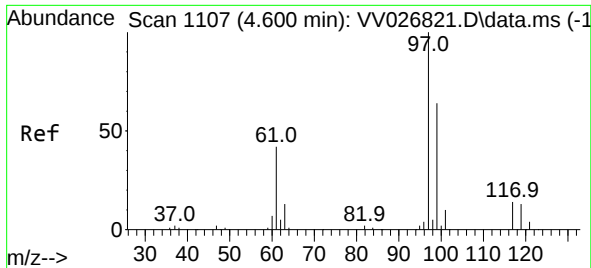
Tgt Ion: 62 Resp: 106817

Ion Ratio Lower Upper

62 100

98 11.1 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 5.079 ug/L

RT: 4.606 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VV026838.D

Acq: 19 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

GBHP4MS

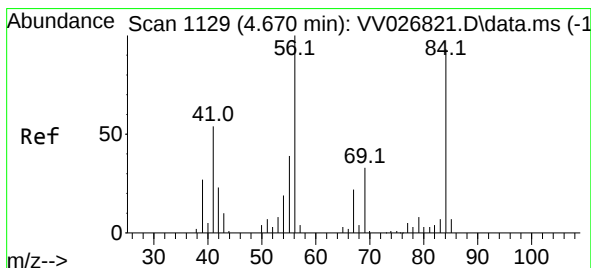
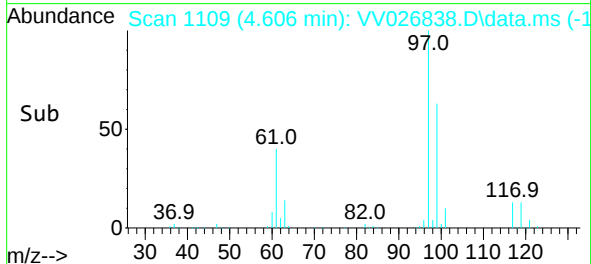
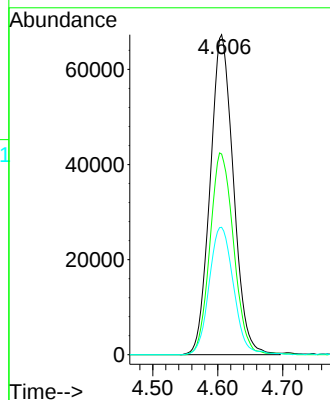
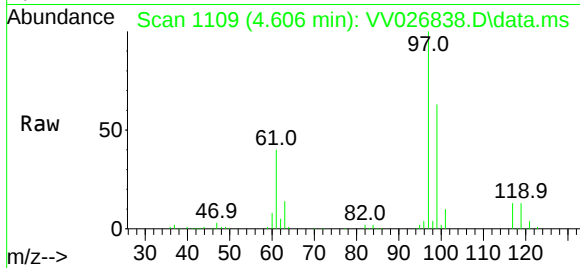
Tgt Ion: 97 Resp: 167712

Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 41.7 35.1 52.7



#30

Cyclohexane

Concen: 3.949 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VV026838.D

Acq: 19 Jul 2022 20:21

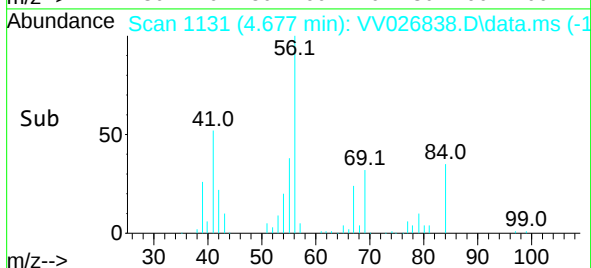
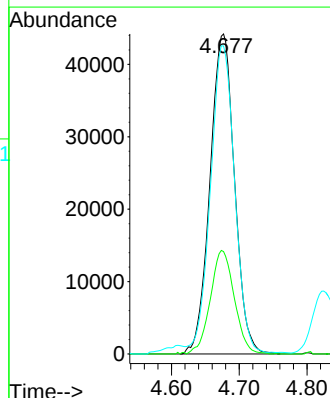
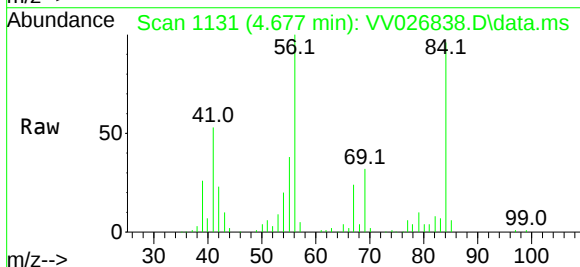
Tgt Ion: 56 Resp: 111125

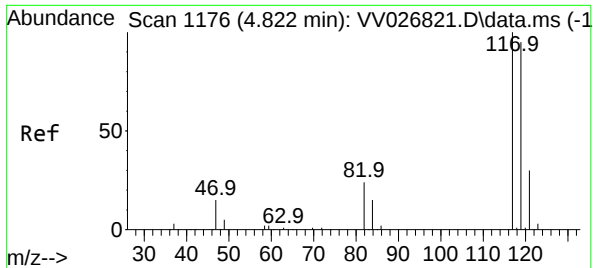
Ion Ratio Lower Upper

56 100

69 31.6 25.1 37.7

84 94.6 74.0 111.0

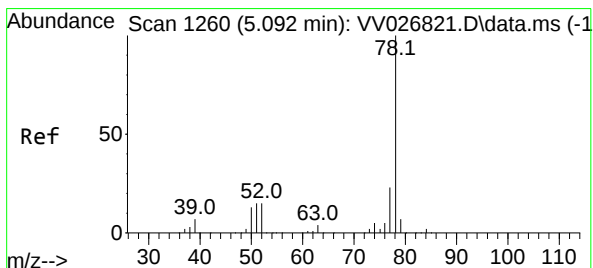
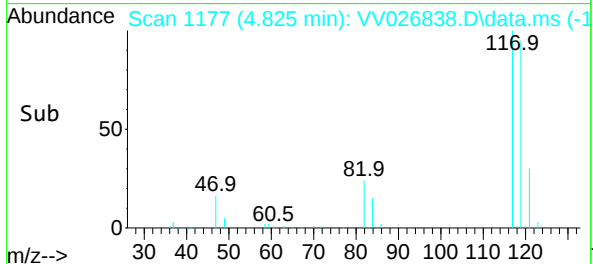
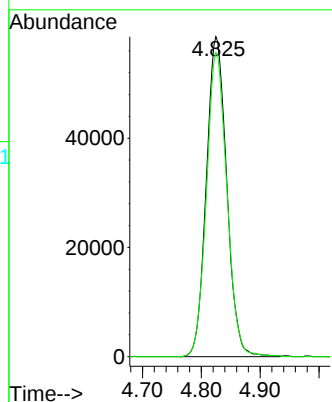
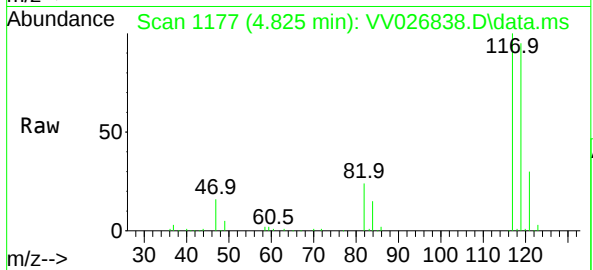




#31
Carbon tetrachloride
Concen: 4.833 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

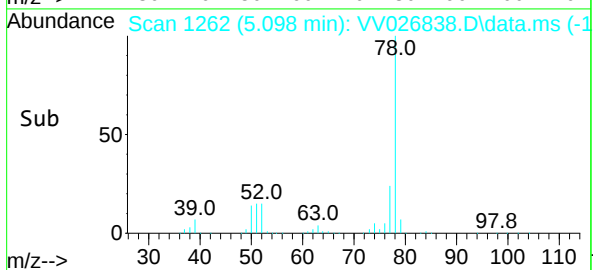
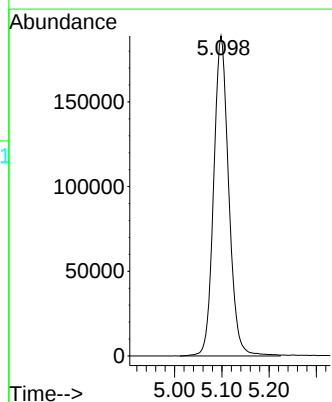
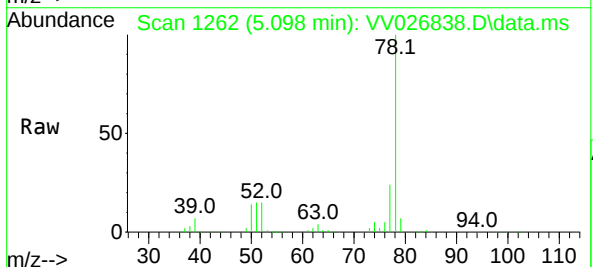
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MS

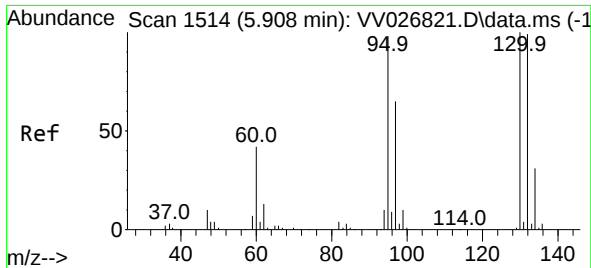
Tgt Ion:117 Resp: 140948
Ion Ratio Lower Upper
117 100
119 95.4 75.1 112.7



#33
Benzene
Concen: 5.110 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

Tgt Ion: 78 Resp: 418650

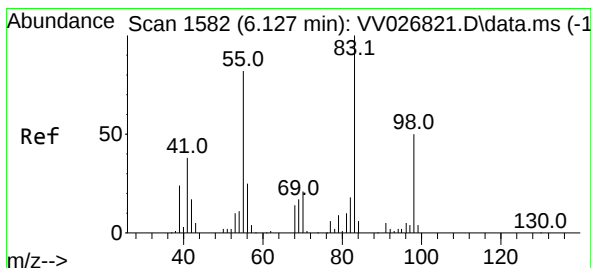
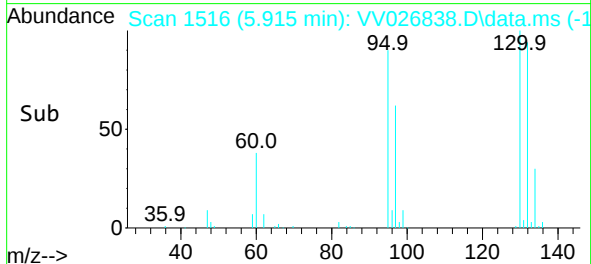
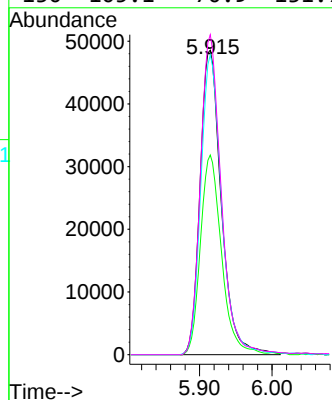
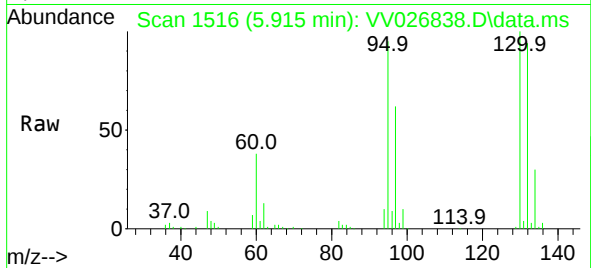




#34
Trichloroethene
Concen: 4.906 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

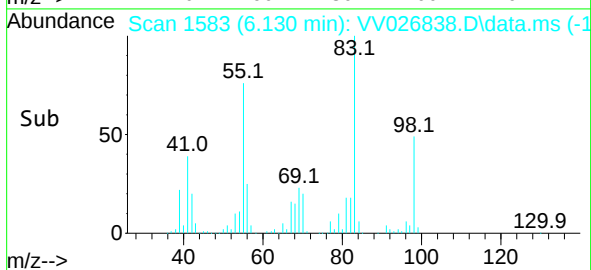
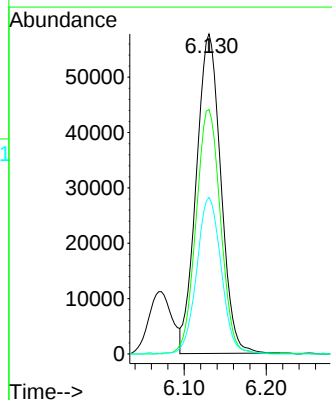
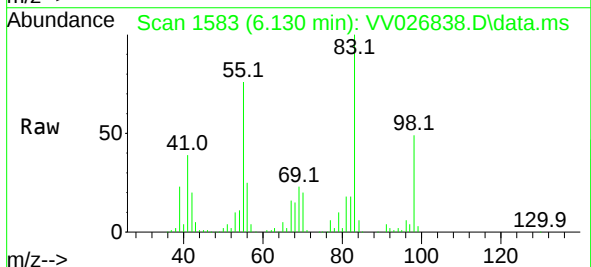
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MS

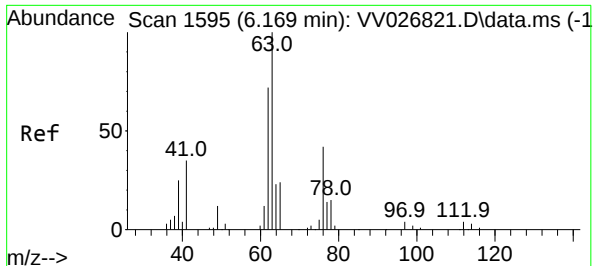
Tgt Ion: 95 Resp: 98779
Ion Ratio Lower Upper
95 100
97 65.6 44.6 82.8
132 98.4 70.2 130.4
130 105.1 70.9 131.7



#35
Methylcyclohexane
Concen: 3.899 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

Tgt Ion: 83 Resp: 119816
Ion Ratio Lower Upper
83 100
55 76.4 59.5 89.3
98 49.1 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.365 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026838.D

Acq: 19 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

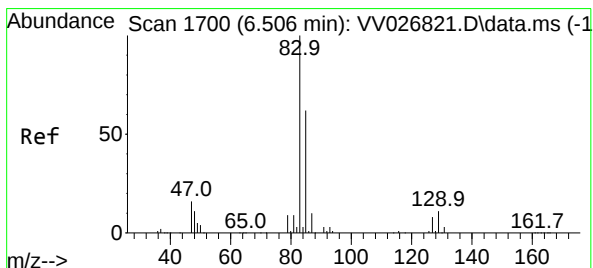
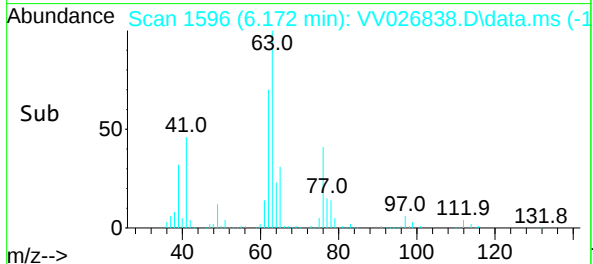
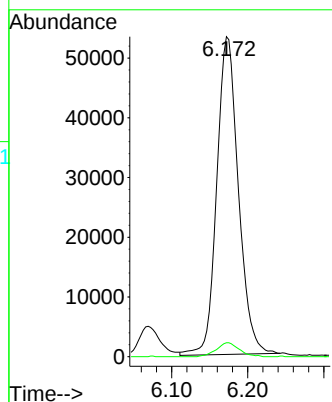
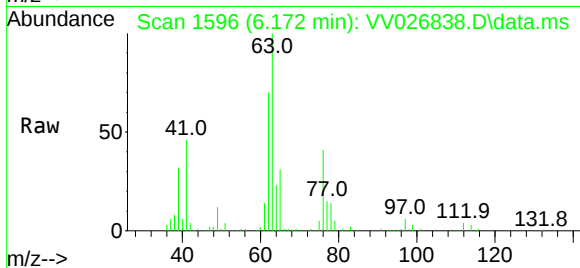
GBHP4MS

Tgt Ion: 63 Resp: 105097

Ion Ratio Lower Upper

63 100

112 4.6 4.2 6.2



#38

Bromodichloromethane

Concen: 5.196 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV026838.D

Acq: 19 Jul 2022 20:21

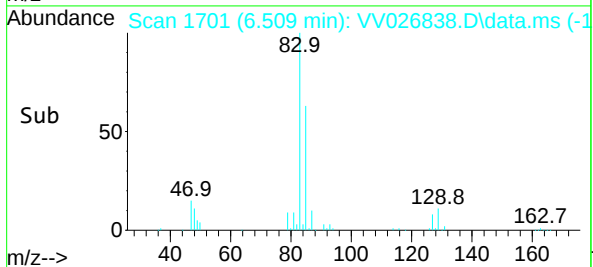
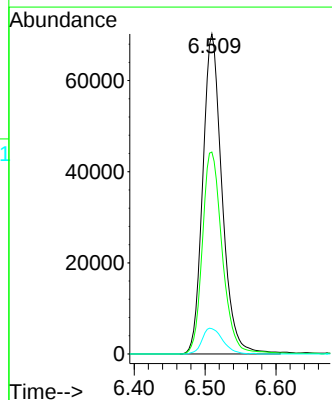
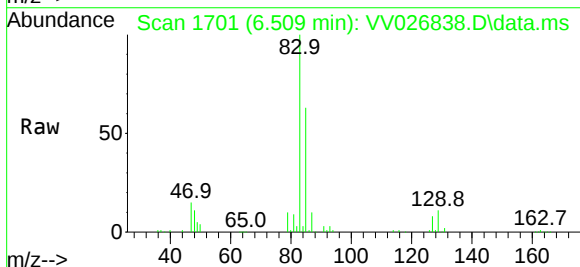
Tgt Ion: 83 Resp: 132712

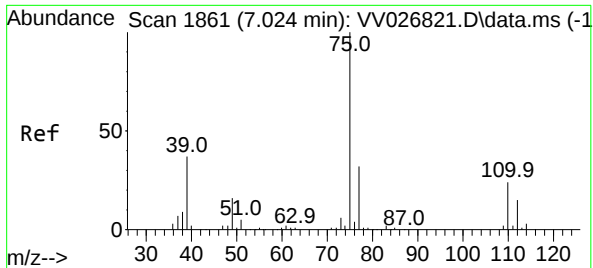
Ion Ratio Lower Upper

83 100

85 63.1 45.4 84.4

127 7.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.746 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV026838.D

Acq: 19 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

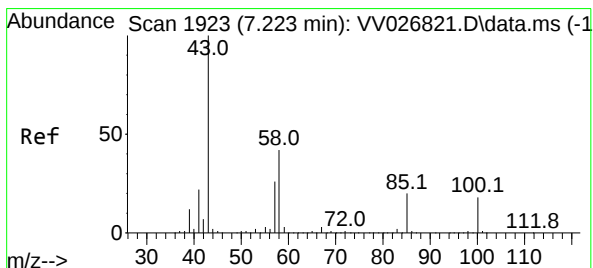
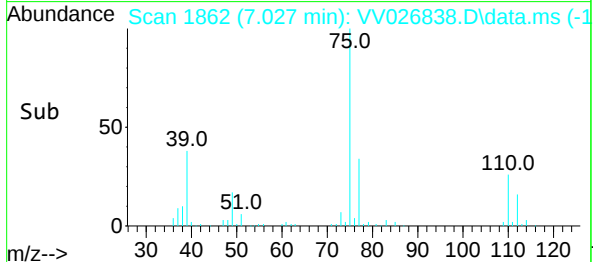
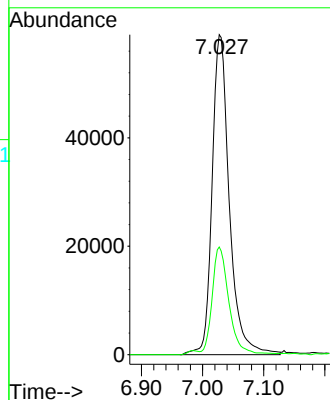
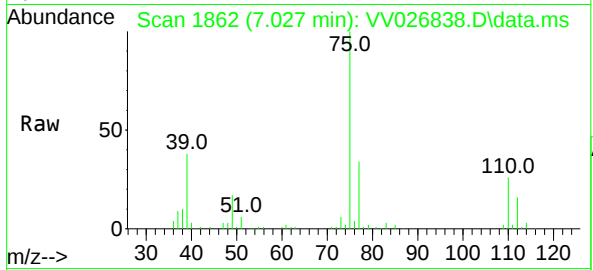
GBHP4MS

Tgt Ion: 75 Resp: 115552

Ion Ratio Lower Upper

75 100

77 33.6 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 53.580 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV026838.D

Acq: 19 Jul 2022 20:21

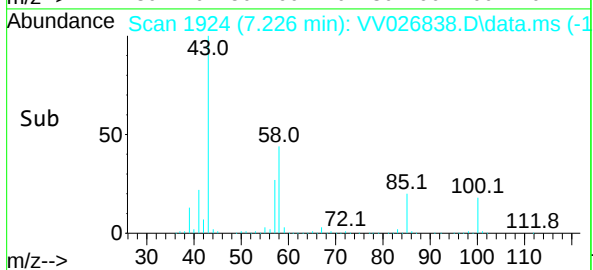
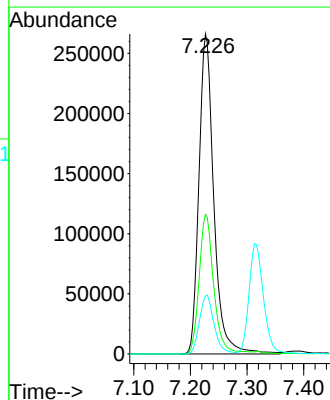
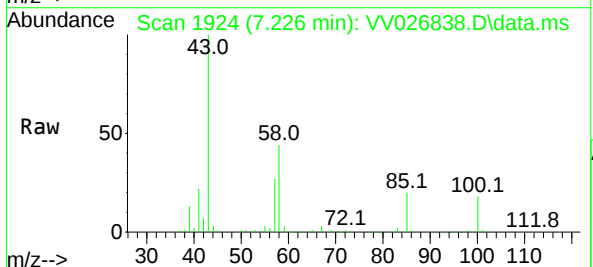
Tgt Ion: 43 Resp: 484853

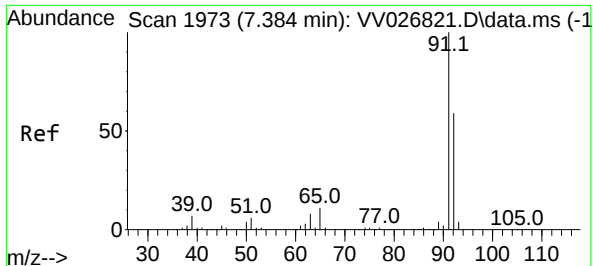
Ion Ratio Lower Upper

43 100

58 42.9 34.6 51.8

100 18.0 13.6 20.4





#42

Toluene

Concen: 5.345 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV026838.D

Acq: 19 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

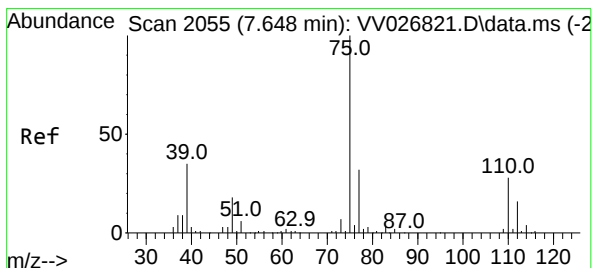
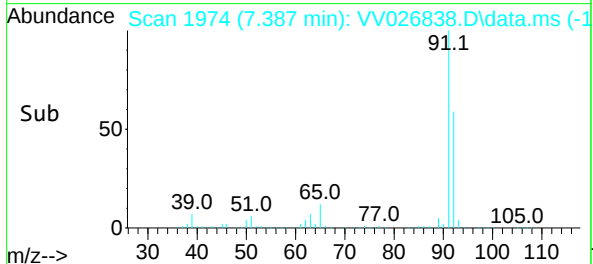
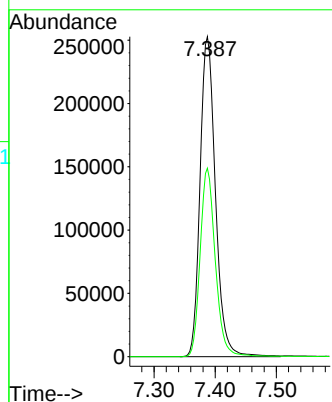
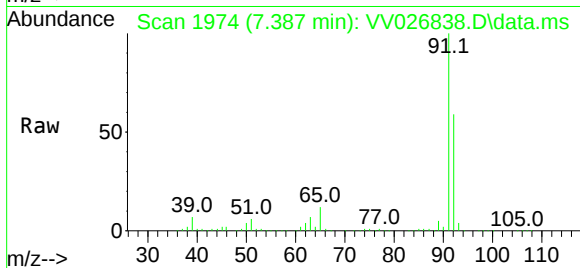
GBHP4MS

Tgt Ion: 91 Resp: 442254

Ion Ratio Lower Upper

91 100

92 58.9 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.044 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV026838.D

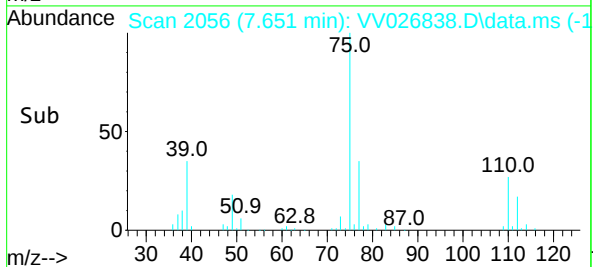
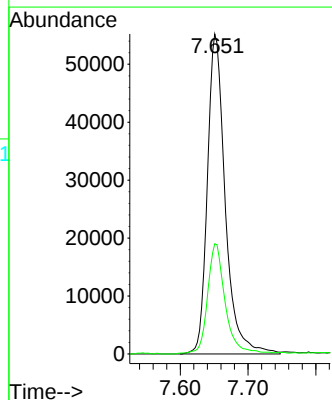
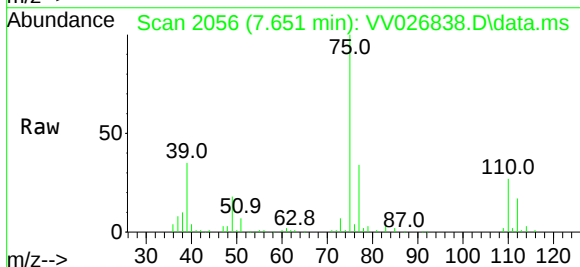
Acq: 19 Jul 2022 20:21

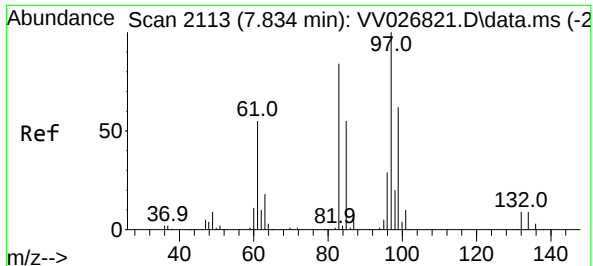
Tgt Ion: 75 Resp: 100835

Ion Ratio Lower Upper

75 100

77 34.5 22.7 42.3





#45

1,1,2-Trichloroethane

Concen: 5.411 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.006 min

Lab File: VV026838.D

Acq: 19 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

GBHP4MS

Tgt Ion: 97 Resp: 77486

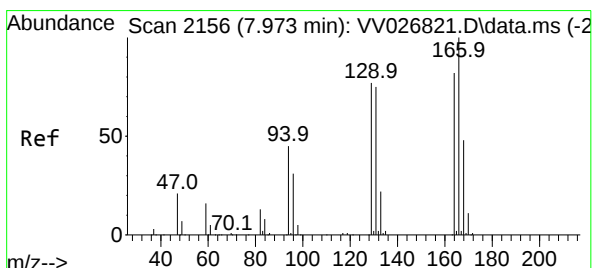
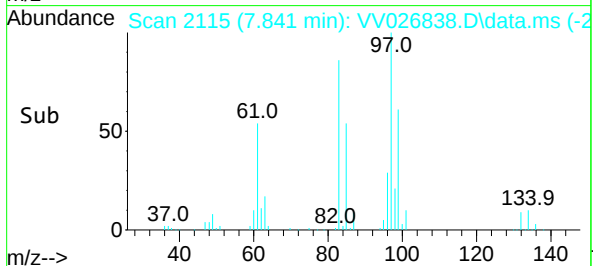
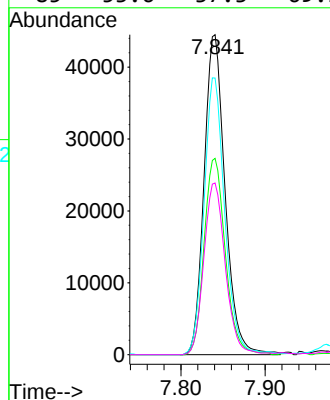
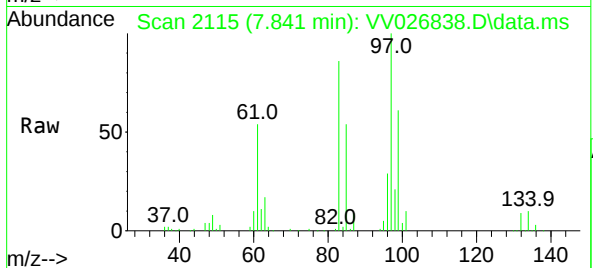
Ion Ratio Lower Upper

97 100

99 61.4 41.9 77.9

83 86.5 58.1 107.9

85 53.6 37.3 69.3



#47

Tetrachloroethene

Concen: 4.850 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV026838.D

Acq: 19 Jul 2022 20:21

Tgt Ion: 164 Resp: 76594

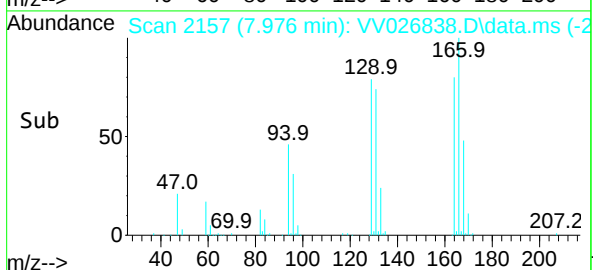
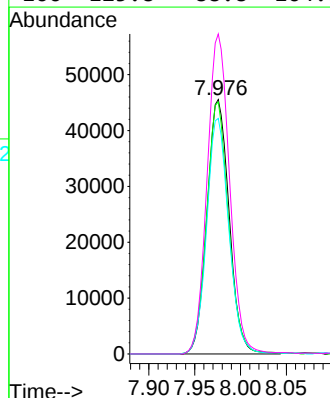
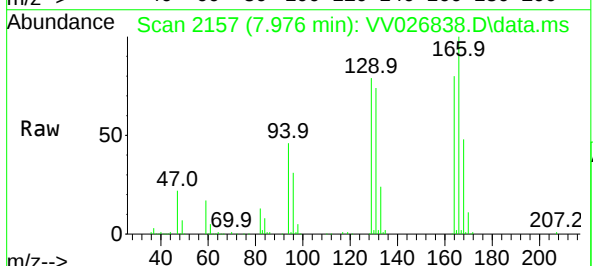
Ion Ratio Lower Upper

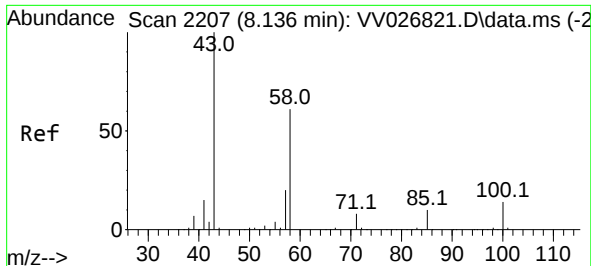
164 100

129 99.0 67.8 125.8

131 92.6 65.9 122.5

166 125.8 88.8 164.8

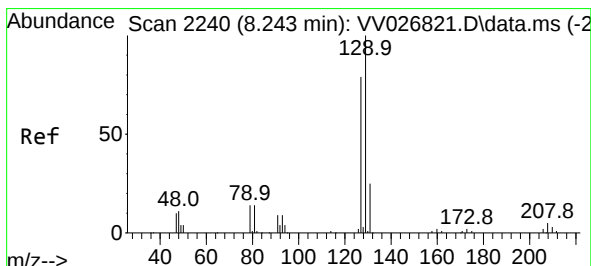
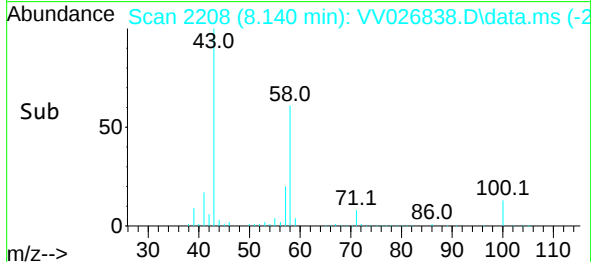
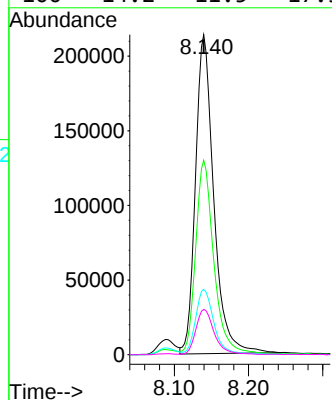
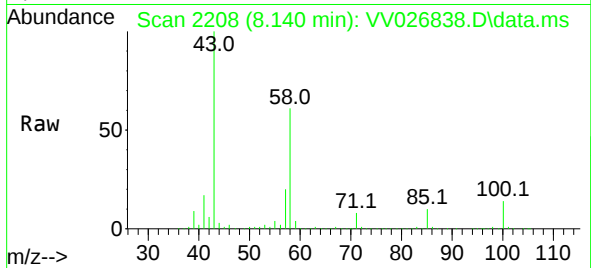




#48
2-Hexanone
Concen: 55.861 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

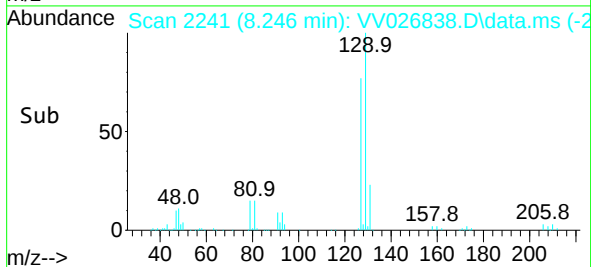
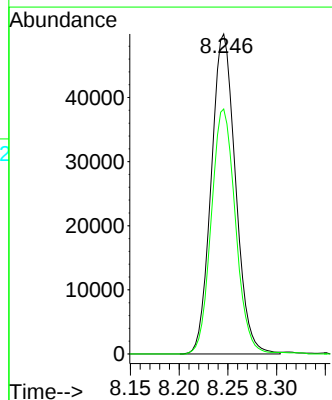
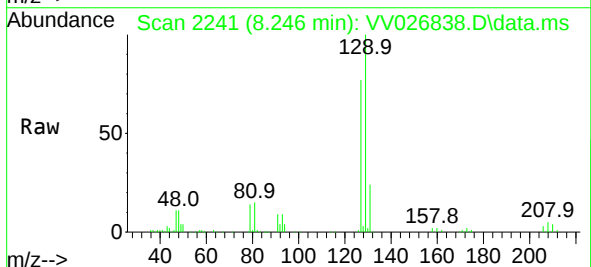
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MS

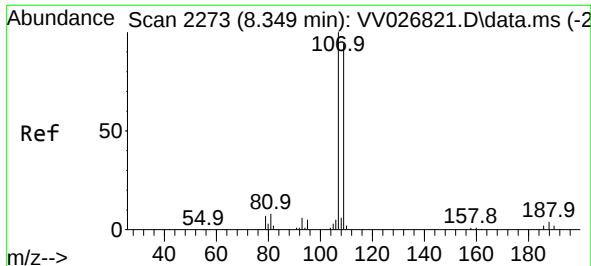
Tgt Ion: 43	Resp: 365852
Ion Ratio	Lower Upper
43 100	
58 60.9	47.9 71.9
57 20.5	16.3 24.5
100 14.2	11.5 17.3



#49
Dibromochloromethane
Concen: 5.247 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

Tgt Ion:129	Resp:	86590	
Ion	Ratio	Lower	Upper
129	100		
127	76.6	55.7	103.5





#50

1,2-Dibromoethane

Concen: 5.472 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026838.D

Acq: 19 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

GBHP4MS

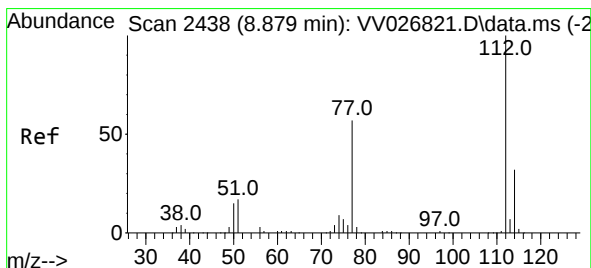
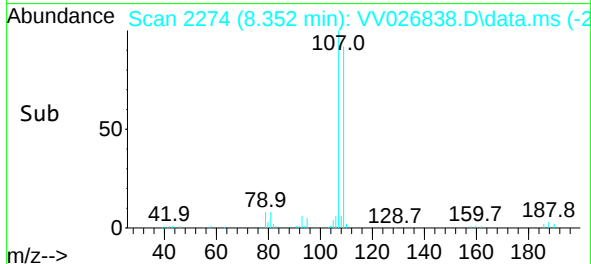
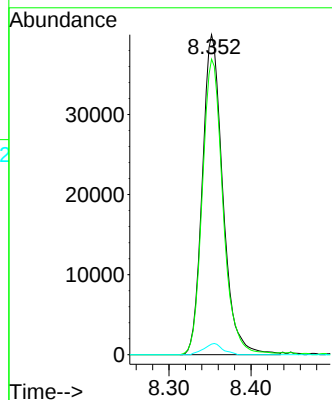
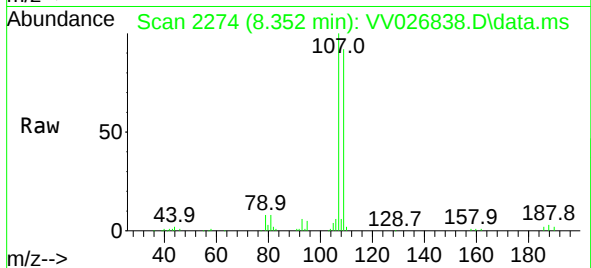
Tgt Ion:107 Resp: 69333

Ion Ratio Lower Upper

107 100

109 92.4 68.0 126.4

188 3.3 2.8 4.2



#51

Chlorobenzene

Concen: 5.190 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026838.D

Acq: 19 Jul 2022 20:21

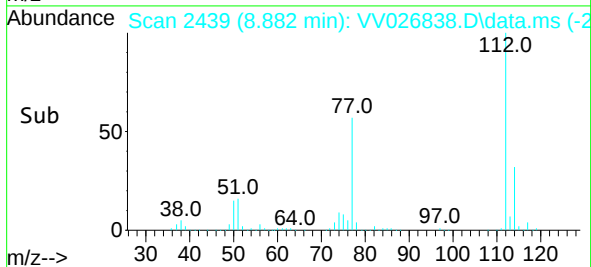
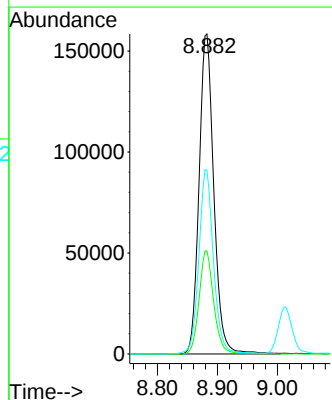
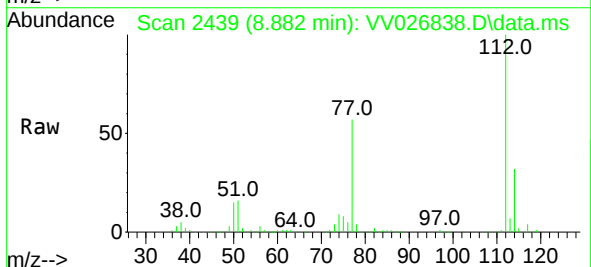
Tgt Ion:112 Resp: 271507

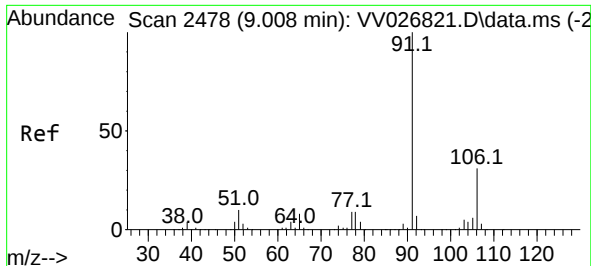
Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.1

77 57.3 46.6 70.0





#52

Ethylbenzene

Concen: 4.775 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV026838.D

Acq: 19 Jul 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

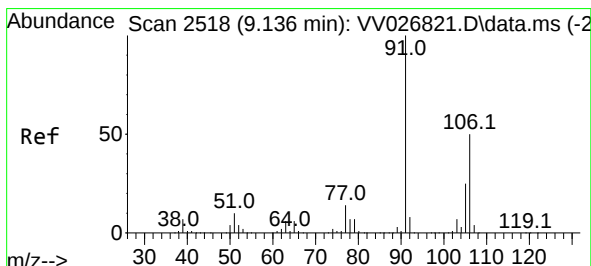
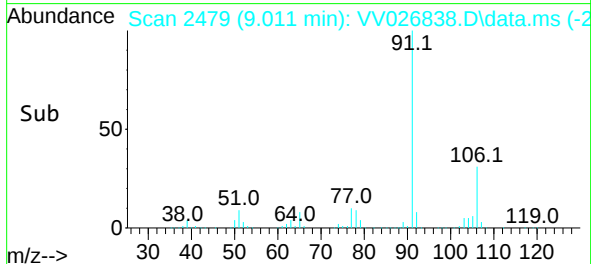
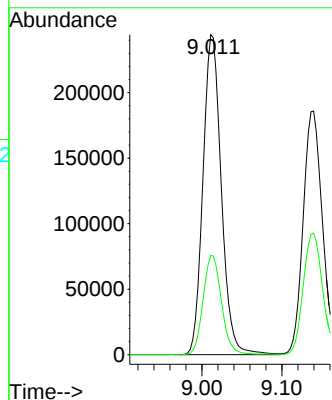
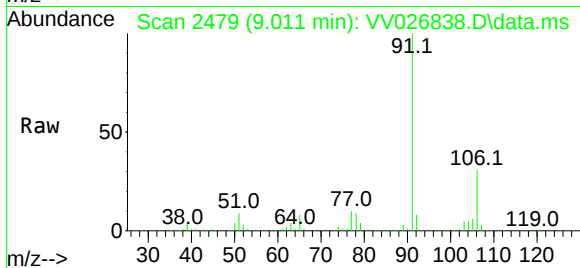
GBHP4MS

Tgt Ion: 91 Resp: 391009

Ion Ratio Lower Upper

91 100

106 31.0 21.6 40.2



#53

m,p-Xylene

Concen: 4.906 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV026838.D

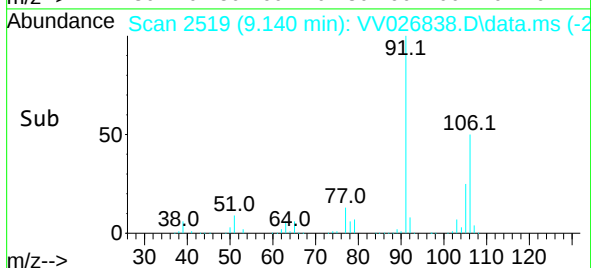
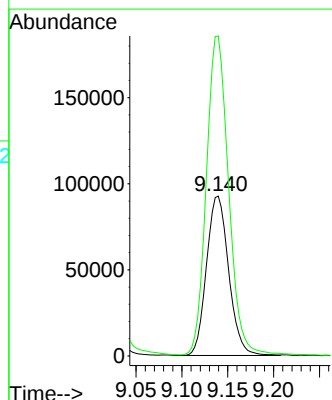
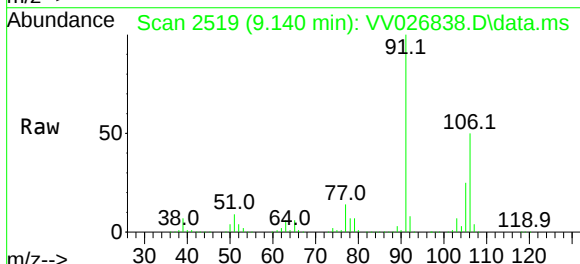
Acq: 19 Jul 2022 20:21

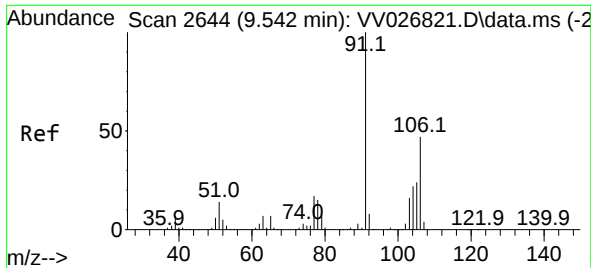
Tgt Ion: 106 Resp: 156233

Ion Ratio Lower Upper

106 100

91 200.3 139.3 258.7

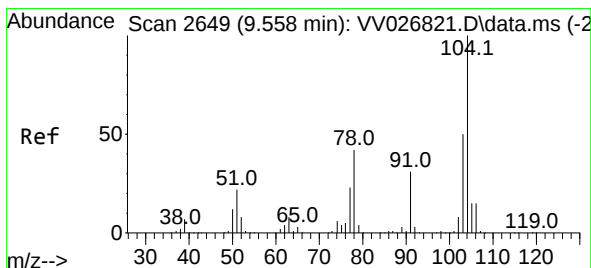
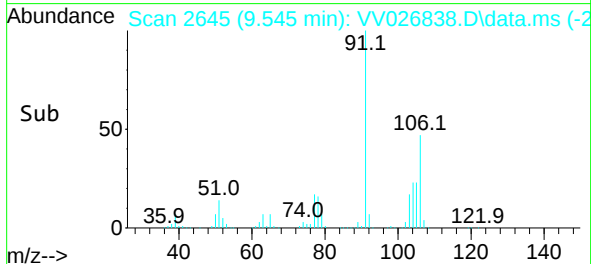
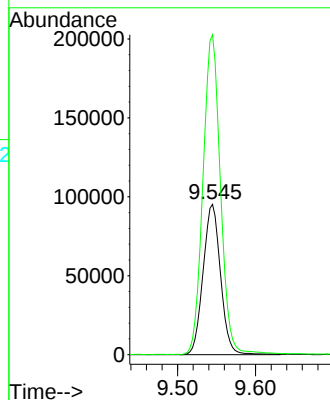
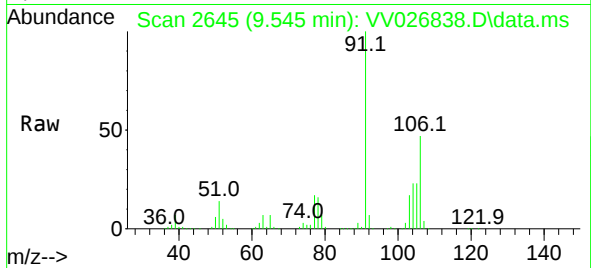




#54
o-Xylene
Concen: 4.896 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

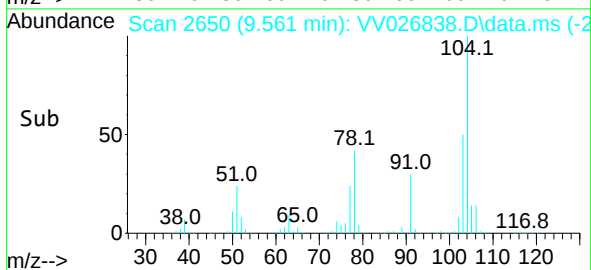
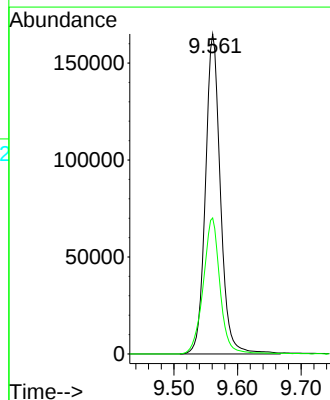
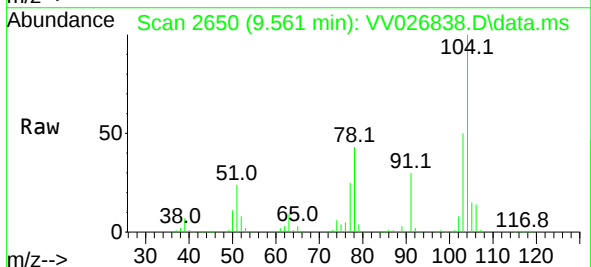
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MS

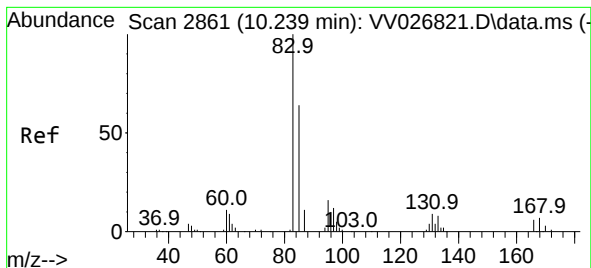
Tgt Ion:106 Resp: 148158
Ion Ratio Lower Upper
106 100
91 212.8 151.1 280.7



#55
Styrene
Concen: 5.109 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

Tgt Ion:104 Resp: 270911
Ion Ratio Lower Upper
104 100
78 42.5 29.5 54.9

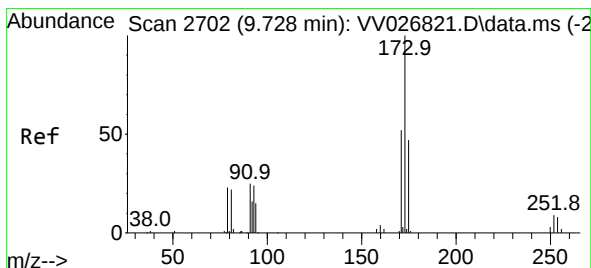
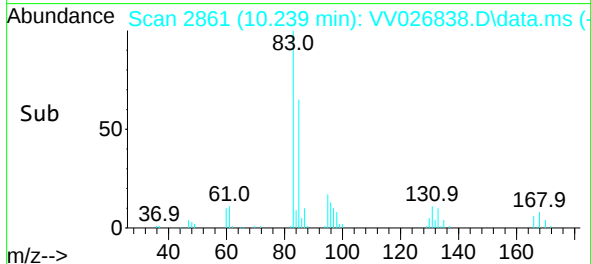
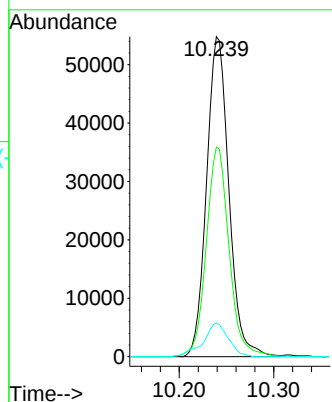
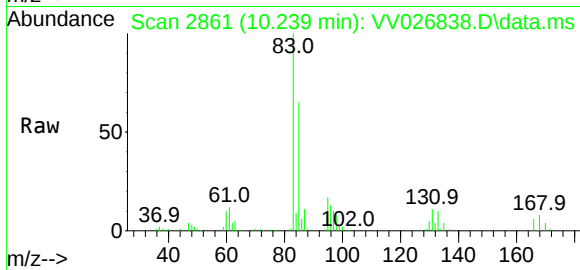




#57
1,1,2,2-Tetrachloroethane
Concen: 5.296 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

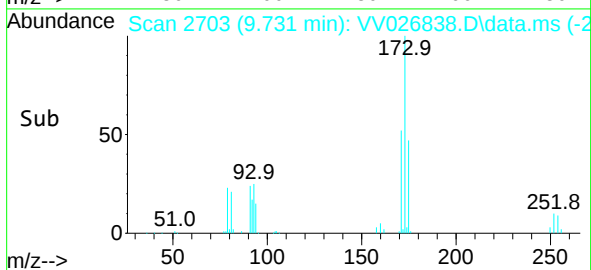
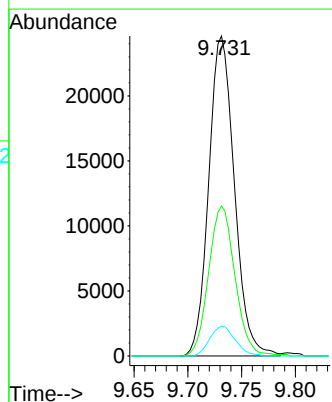
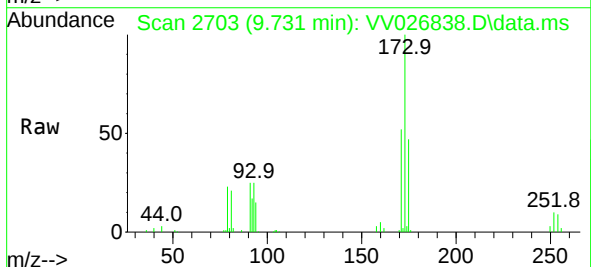
Instrument : MSVOA_V
ClientSampleId : GBHP4MS

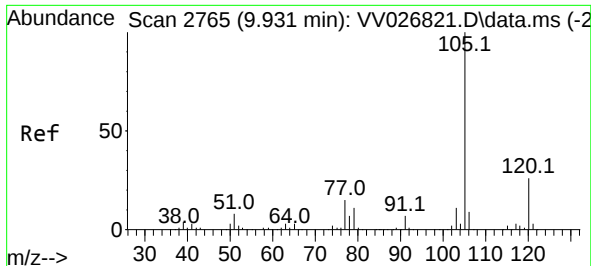
Tgt Ion: 83 Resp: 89779
Ion Ratio Lower Upper
83 100
85 65.5 43.6 81.0
131 10.6 7.4 11.2



#59
Bromoform
Concen: 4.842 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

Tgt Ion: 173 Resp: 40747
Ion Ratio Lower Upper
173 100
175 48.2 40.7 61.1
254 9.2 6.5 9.7

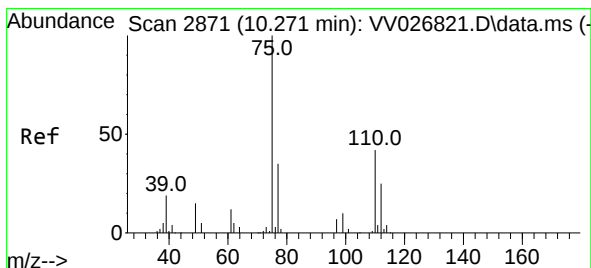
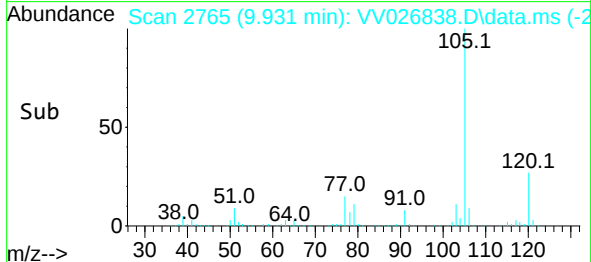
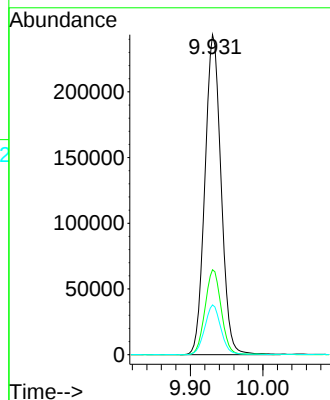
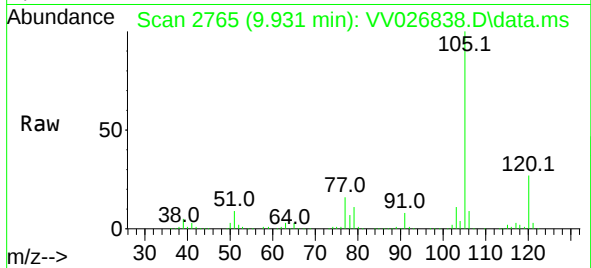




#60
Isopropylbenzene
Concen: 4.612 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

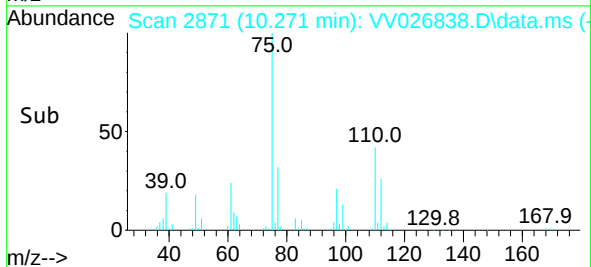
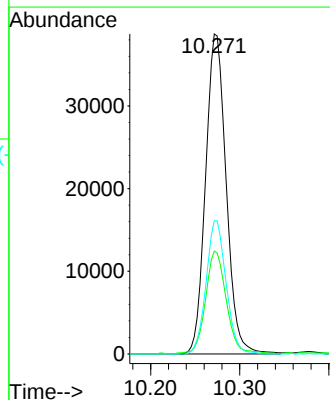
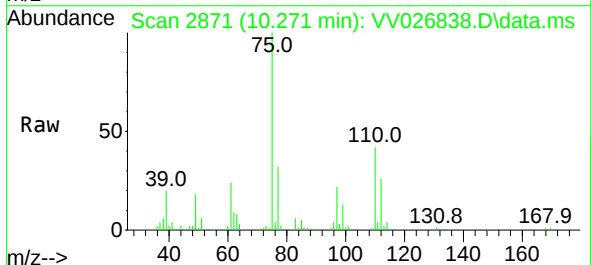
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MS

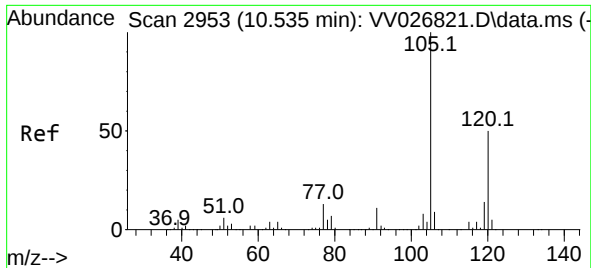
Tgt Ion:105 Resp: 377278
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.142 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

Tgt Ion: 75 Resp: 62188
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
110 40.3 31.8 47.6

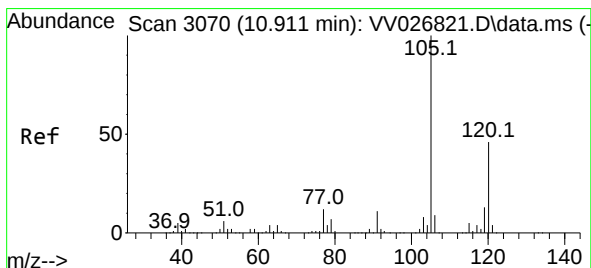
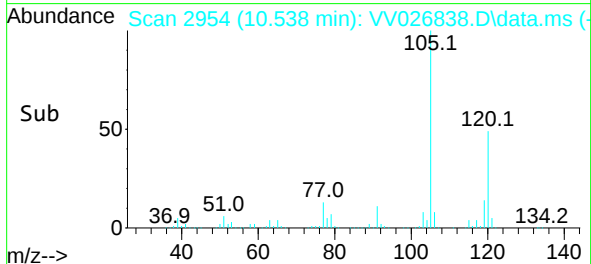
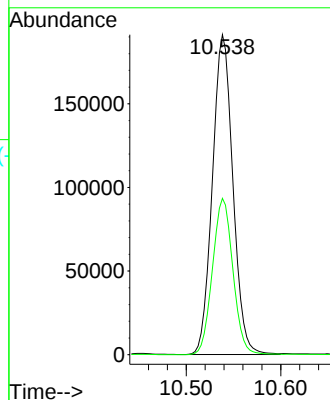
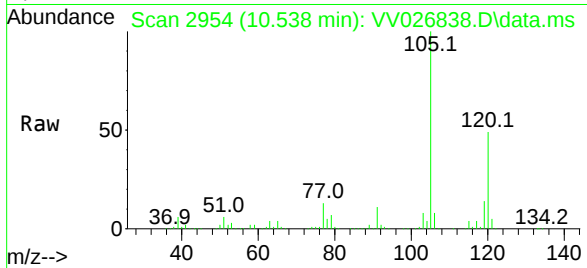




#62
 1,3,5-Trimethylbenzene
 Concen: 4.424 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV026838.D
 Acq: 19 Jul 2022 20:21

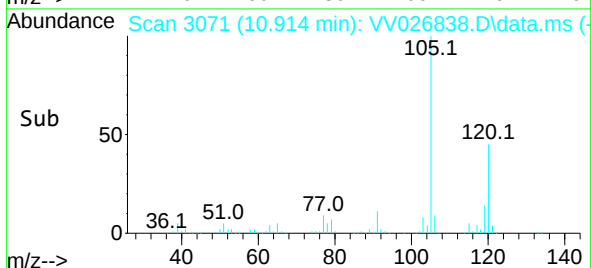
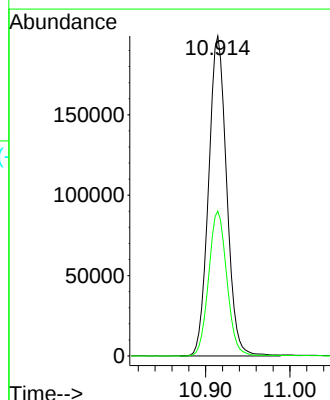
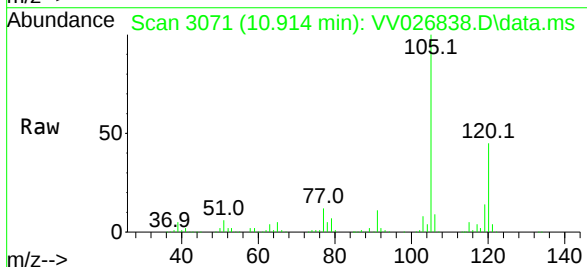
Instrument :
 MSVOA_V
 ClientSampleId :
 GBHP4MS

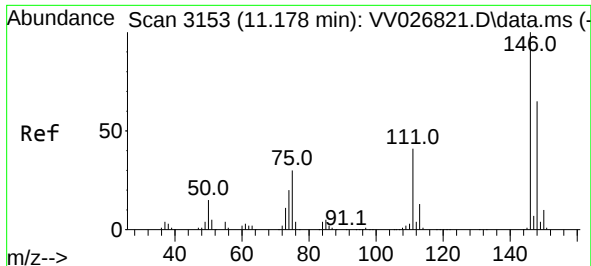
Tgt Ion:105 Resp: 287927
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.499 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV026838.D
 Acq: 19 Jul 2022 20:21

Tgt Ion:105 Resp: 297337
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.8 55.2

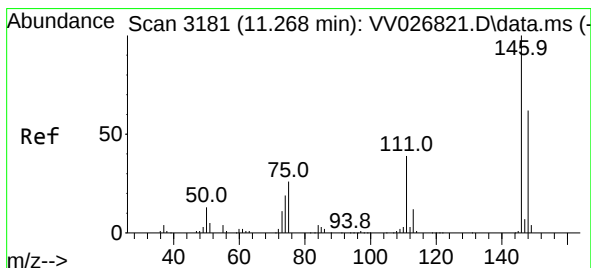
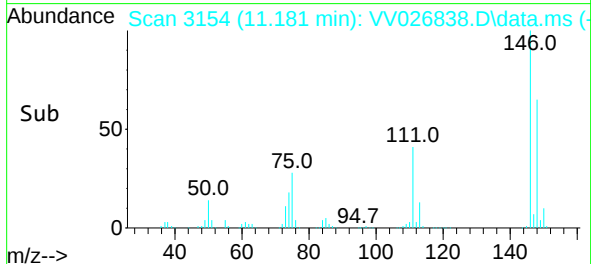
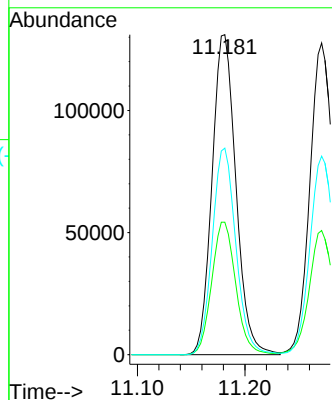
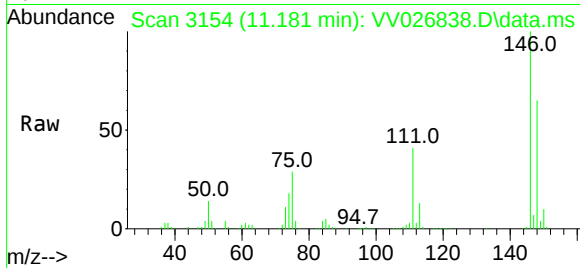




#64
1,3-Dichlorobenzene
Concen: 5.054 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

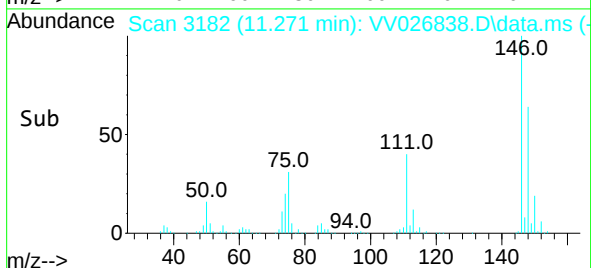
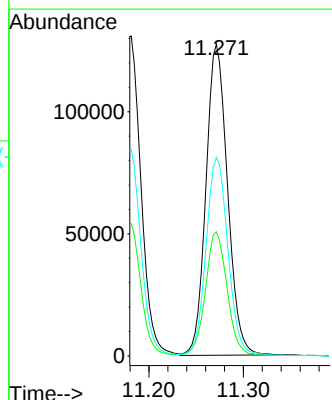
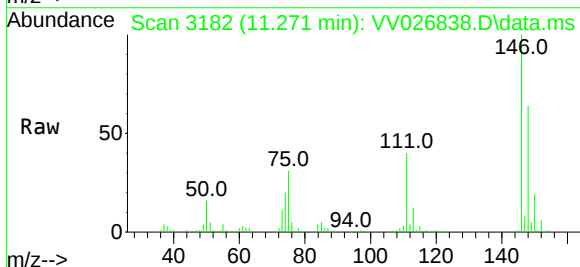
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MS

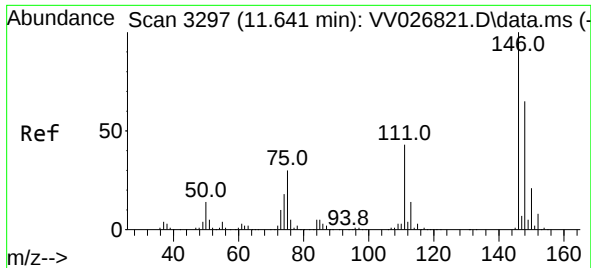
Tgt Ion:146 Resp: 202554
Ion Ratio Lower Upper
146 100
111 41.4 27.9 51.7
148 64.5 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.956 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

Tgt Ion:146 Resp: 201975
Ion Ratio Lower Upper
146 100
111 39.9 26.8 49.8
148 63.7 43.3 80.5

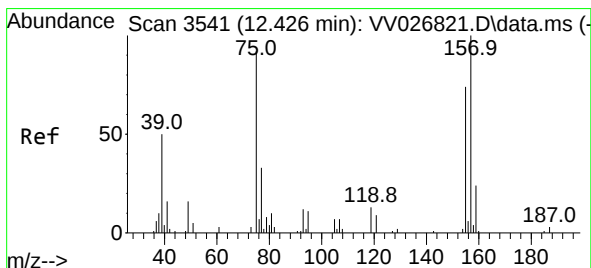
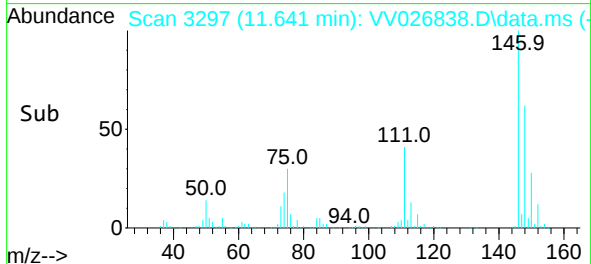
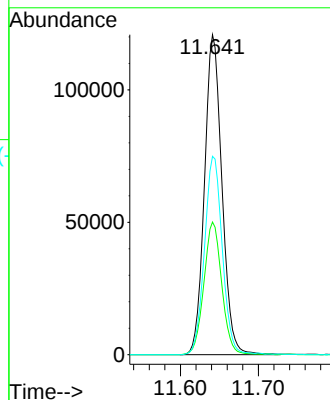
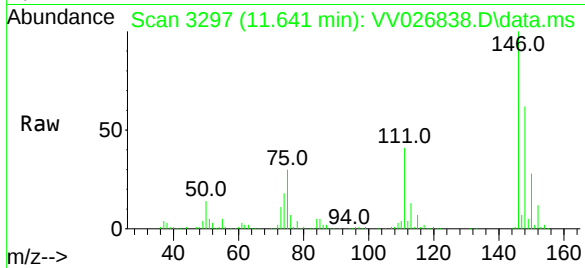




#67
1,2-Dichlorobenzene
Concen: 5.028 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

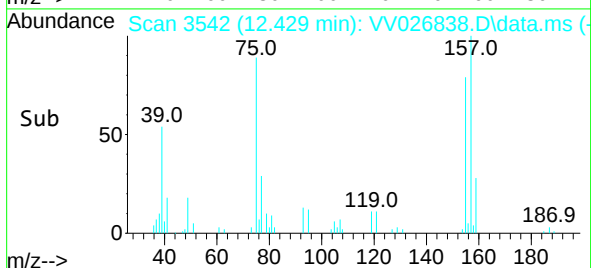
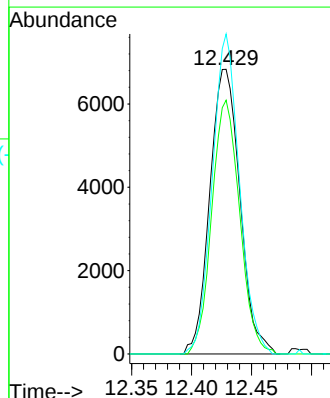
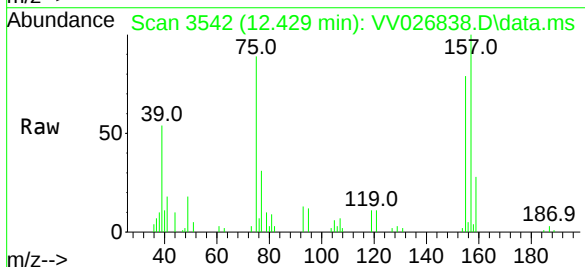
Instrument :
MSVOA_V
ClientSampleId :
GBHP4MS

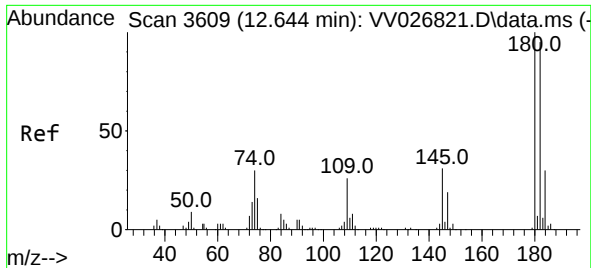
Tgt Ion:146 Resp: 188190
Ion Ratio Lower Upper
146 100
111 41.4 34.6 52.0
148 62.0 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.658 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

Tgt Ion: 75 Resp: 11942
Ion Ratio Lower Upper
75 100
155 89.2 60.3 90.5
157 112.4 78.2 117.4

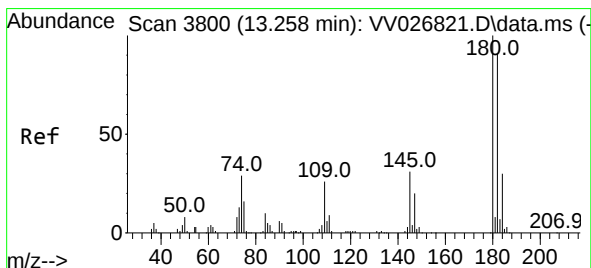
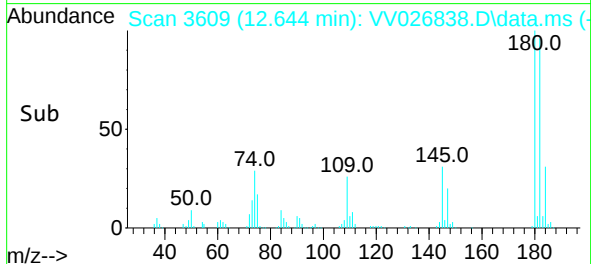
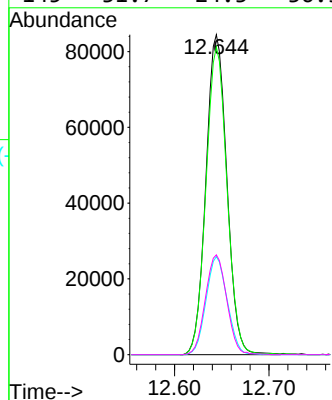
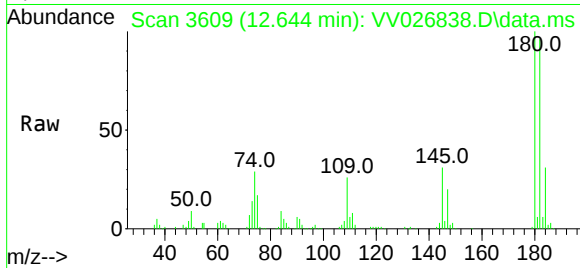




#69
 1,3,5-Trichlorobenzene
 Concen: 4.587 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV026838.D
 Acq: 19 Jul 2022 20:21

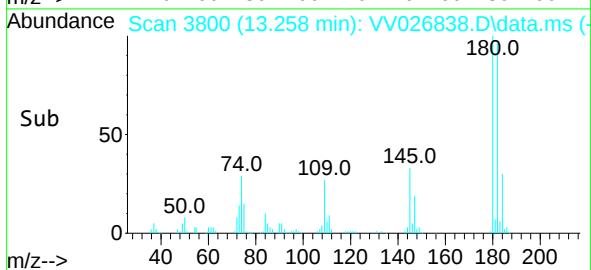
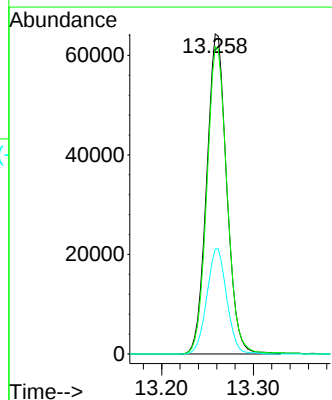
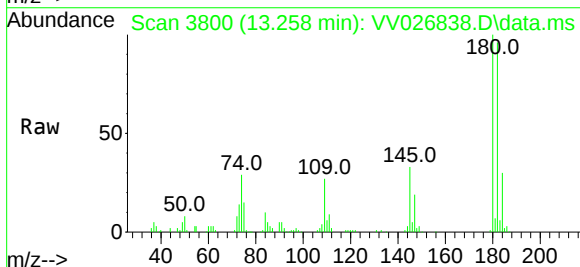
Instrument :
 MSVOA_V
 ClientSampleId :
 GBHP4MS

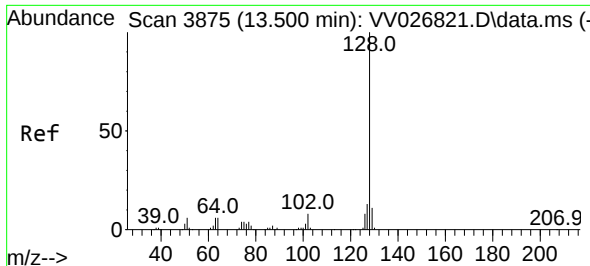
Tgt Ion:180	Resp:	129933
Ion Ratio	Lower	Upper
180	100	
182	96.5	74.0 111.0
184	30.9	23.1 34.7
145	31.7	24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 4.533 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026838.D
 Acq: 19 Jul 2022 20:21

Tgt Ion:180	Resp:	97662
Ion Ratio	Lower	Upper
180	100	
182	96.4	74.7 112.1
145	32.6	24.7 37.1

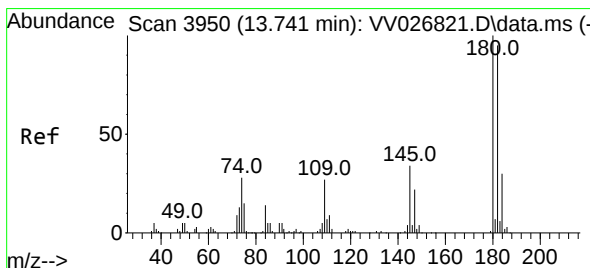
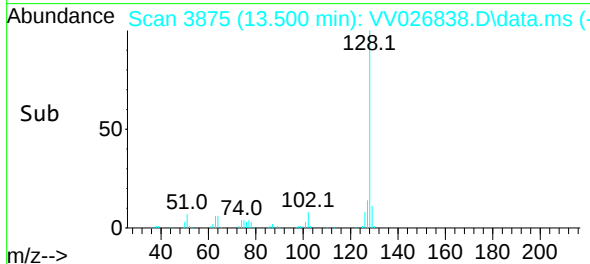
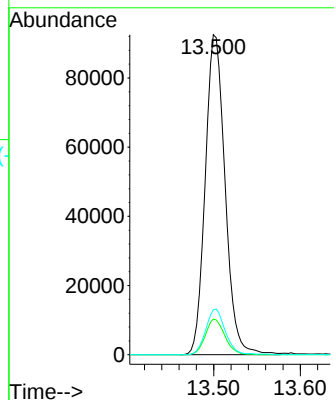
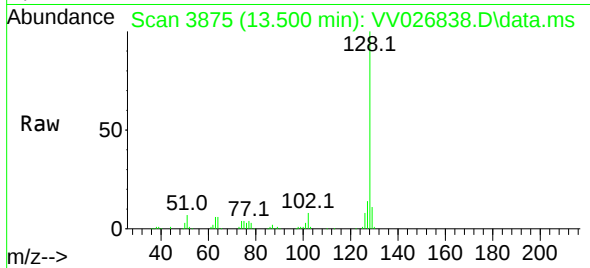




#71
Naphthalene
Concen: 4.131 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

Instrument :
MSVOA_V
ClientSampleId :
GBHP4MS

Tgt Ion:128 Resp: 147436
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 14.0 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.510 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026838.D
Acq: 19 Jul 2022 20:21

Tgt Ion:180 Resp: 90402
Ion Ratio Lower Upper
180 100
182 96.1 75.0 112.4
145 34.6 26.0 39.0

