

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW025032.D
 Acq On : 16 Mar 2022 05:29
 Operator : SY/MD
 Sample : N1933-03MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDB4MSD

Quant Time: Mar 16 06:51:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 05:10:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	164489	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	156334	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75165	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59349	4.570	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.571	69	44564	4.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.111	63	100980	4.811	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	3.892	46	97275	61.981	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.960%
24) Chloroform-d	4.352	84	108344	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.034	65	44929	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.050	84	217495	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.069	67	62306	4.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.317	98	197091	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.625	79	21266	4.678	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.088	63	80528	51.931	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.860%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39541	5.154	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	62064	4.877	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	72190	4.967	ug/L	99
3) Chloromethane	1.243	50	67098	4.895	ug/L	99
5) Vinyl chloride	1.314	62	72322	5.001	ug/L	99
6) Bromomethane	1.526	94	45155	4.832	ug/L	98
8) Chloroethane	1.587	64	42604	4.858	ug/L	99
9) Trichlorofluoromethane	1.754	101	99283	5.048	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	54087	5.071	ug/L	99
12) 1,1-Dichloroethene	2.121	96	54503	5.201	ug/L	98
13) Acetone	2.182	43	67386	64.200	ug/L	82
14) Carbon disulfide	2.298	76	180897	4.825	ug/L	100
15) Methyl Acetate	2.442	43	12980	4.514	ug/L	96
16) Methylene chloride	2.510	84	60959	4.801	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	116228	5.092	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	63246	5.015	ug/L	96
19) 1,1-Dichloroethane	3.195	63	110328	5.141	ug/L	100
21) 2-Butanone	3.973	43	100570	60.707	ug/L	80
22) cis-1,2-Dichloroethene	3.915	96	66692	5.238	ug/L	100
23) Bromochloromethane	4.256	128	26614	5.302	ug/L	97
25) Chloroform	4.378	83	122829	5.497	ug/L	95

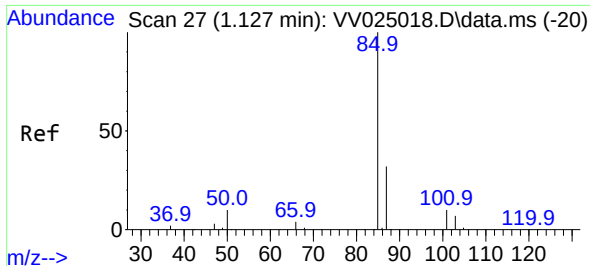
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 05:10:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	56296	5.066	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	98409	4.936	ug/L	98
30) Cyclohexane	4.677	56	94223	4.858	ug/L	99
31) Carbon tetrachloride	4.831	117	93699	5.478	ug/L	99
33) Benzene	5.101	78	252841	4.972	ug/L	100
34) Trichloroethene	5.915	95	67152	4.960	ug/L	96
35) Methylcyclohexane	6.130	83	101724	4.746	ug/L	97
37) 1,2-Dichloropropane	6.172	63	59149	5.062	ug/L	100
38) Bromodichloromethane	6.510	83	72906	4.934	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	78589	4.844	ug/L	94
40) 4-Methyl-2-pentanone	7.227	43	252120	52.435	ug/L	98
42) Toluene	7.387	91	273723	5.144	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	60863	4.767	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	38877	4.981	ug/L	96
47) Tetrachloroethene	7.976	164	47049	4.940	ug/L	97
48) 2-Hexanone	8.140	43	175107	51.368	ug/L	98
49) Dibromochloromethane	8.246	129	43164	4.941	ug/L	99
50) 1,2-Dibromoethane	8.352	107	36338	5.087	ug/L	97
51) Chlorobenzene	8.883	112	167943	5.040	ug/L	99
52) Ethylbenzene	9.011	91	287705	5.111	ug/L	99
53) m,p-xylene	9.136	106	109799	5.065	ug/L	99
54) o-xylene	9.542	106	106014	5.114	ug/L	94
55) Styrene	9.561	104	169981	5.035	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	40526	5.296	ug/L	96
59) Bromoform	9.731	173	18830	4.651	ug/L	97
60) Isopropylbenzene	9.931	105	283640	5.004	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	30654	4.849	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	126934	4.935	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	232436	5.102	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	124282	5.054	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	123095	4.966	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	110650	5.079	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5279	4.872	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	84331	4.855	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	67323	4.975	ug/L	99
71) Naphthalene	13.500	128	112642	5.013	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	57933	5.052	ug/L	99

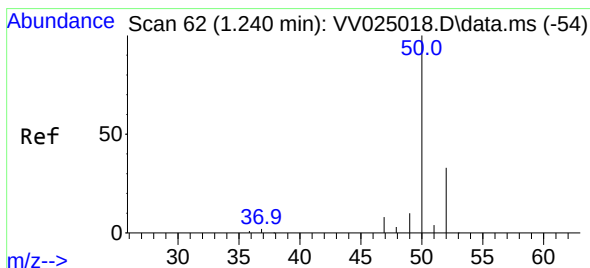
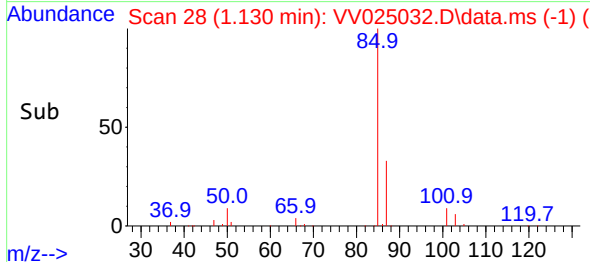
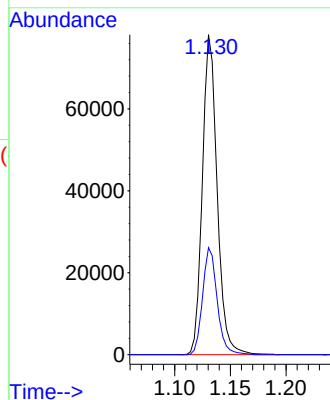
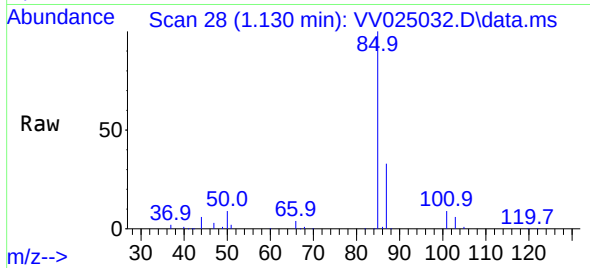
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.967 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025032.D
 Acq: 16 Mar 2022 05:29

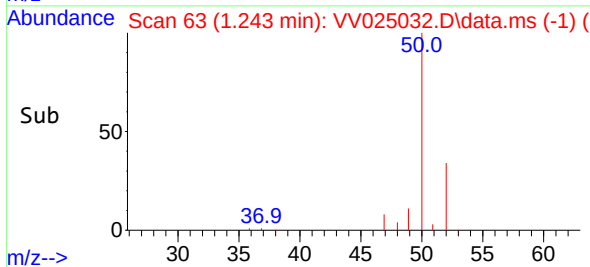
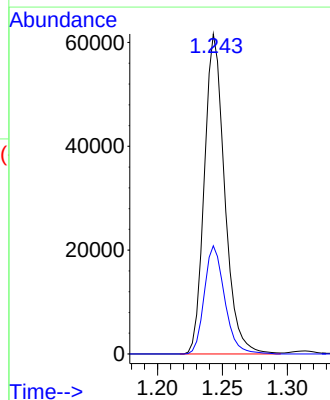
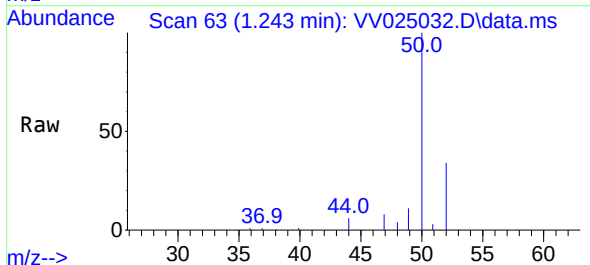
Instrument :
 MSVOA_V
 ClientSampleId :
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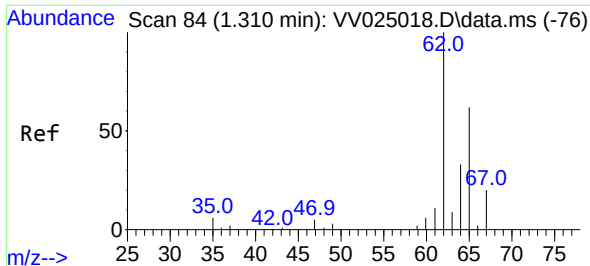
Tgt Ion: 85 Resp: 72190
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.7 40.1



#3
 Chloromethane
 Concen: 4.895 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025032.D
 Acq: 16 Mar 2022 05:29

Tgt Ion: 50 Resp: 67098
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.2 43.2

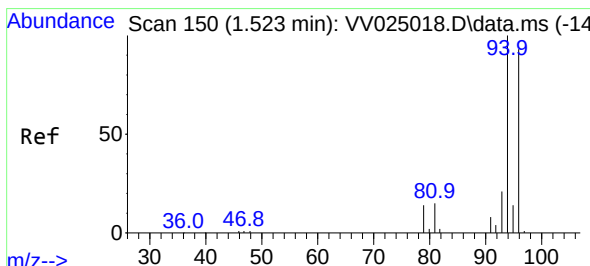
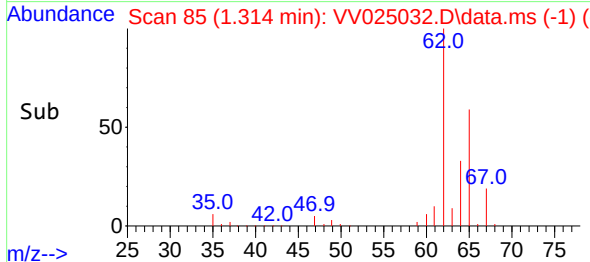
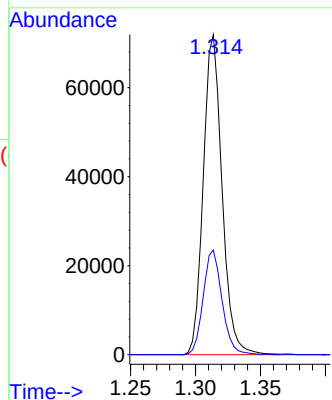
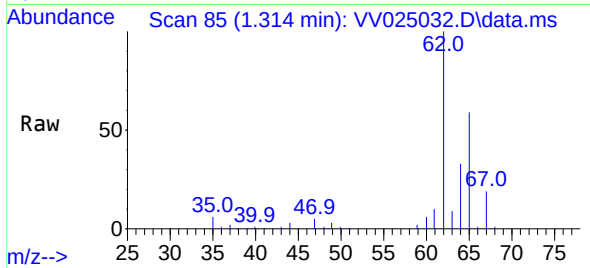




#5
 Vinyl chloride
 Concen: 5.001 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025032.D
 Acq: 16 Mar 2022 05:29

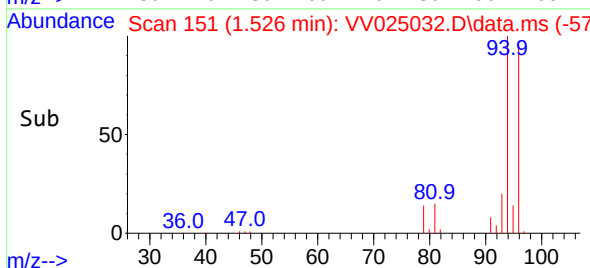
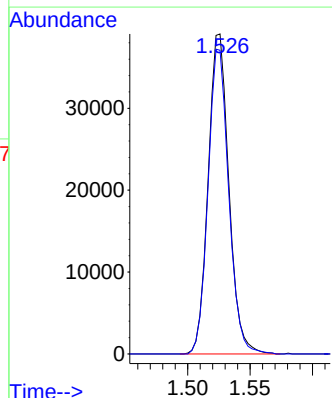
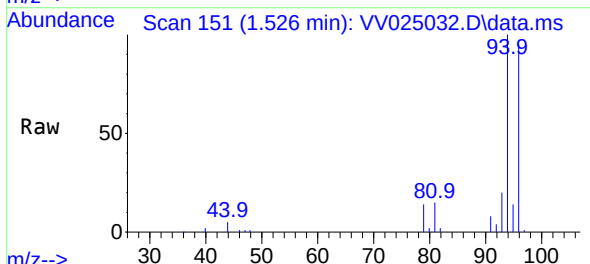
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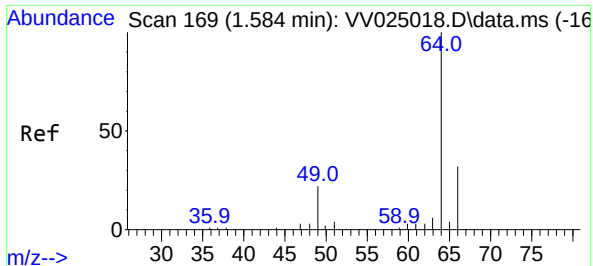
Tgt Ion: 62 Resp: 72322
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.4



#6
 Bromomethane
 Concen: 4.832 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV025032.D
 Acq: 16 Mar 2022 05:29

Tgt Ion: 94 Resp: 45155
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.9 120.5

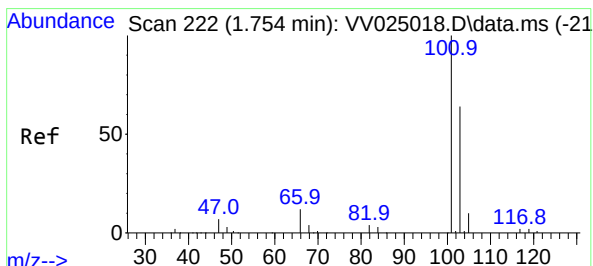
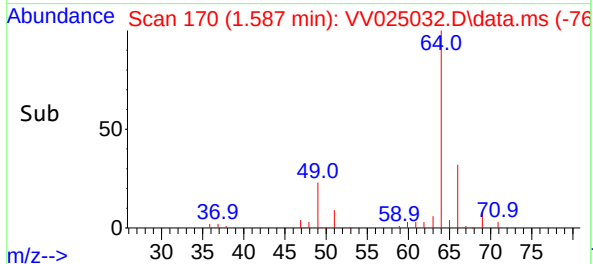
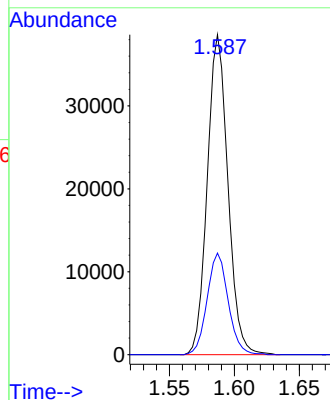
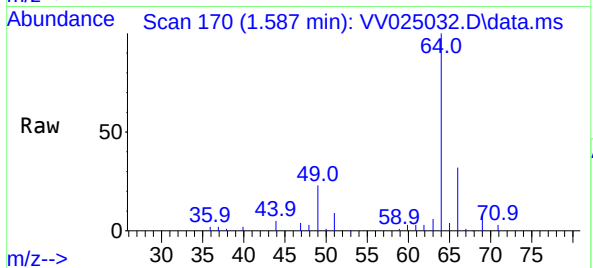




#8
Chloroethane
Concen: 4.858 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

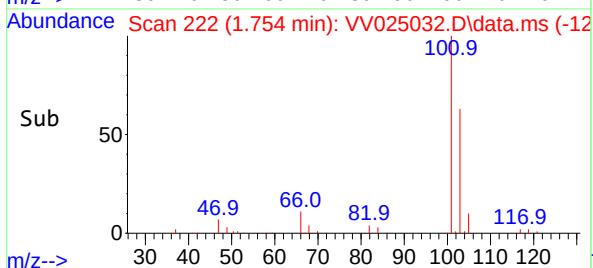
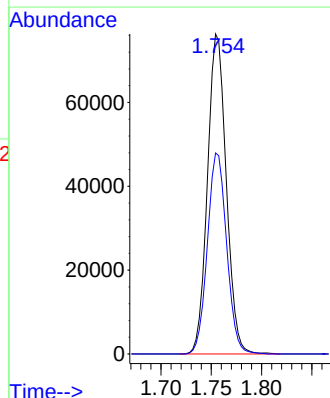
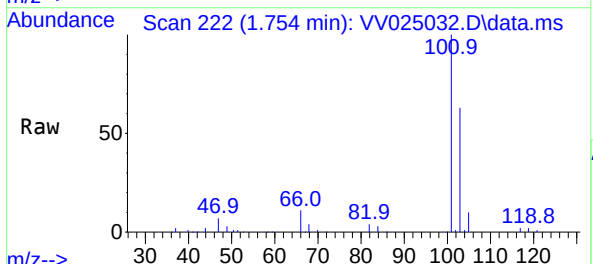
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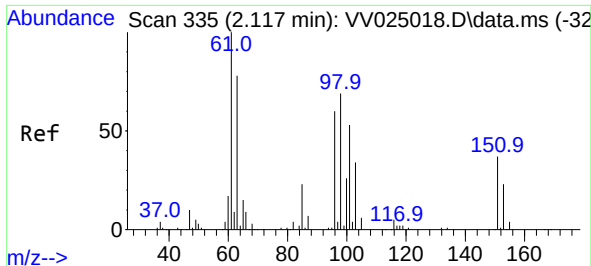
Tgt Ion: 64 Resp: 42604
Ion Ratio Lower Upper
64 100
66 31.7 22.5 41.7



#9
Trichlorofluoromethane
Concen: 5.048 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion:101 Resp: 99283
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3

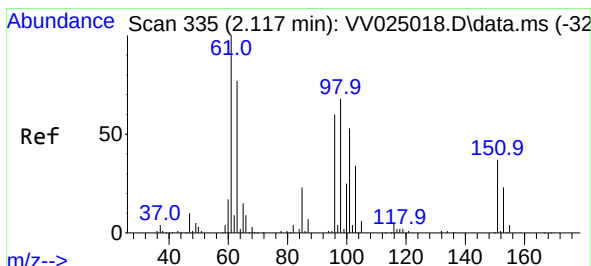
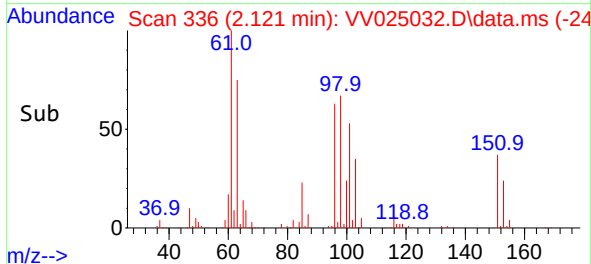
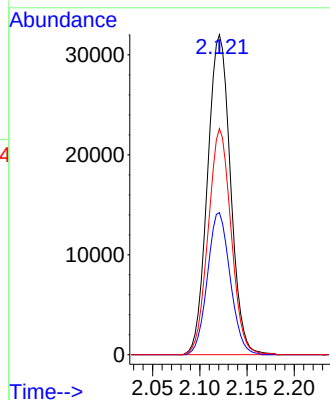
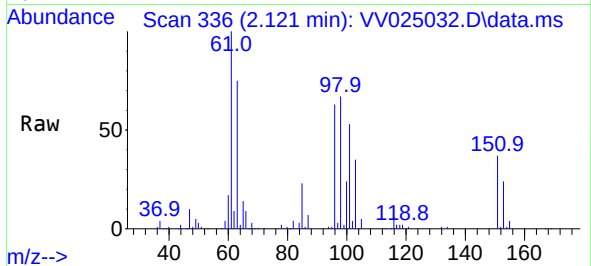




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.071 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025032.D
 Acq: 16 Mar 2022 05:29

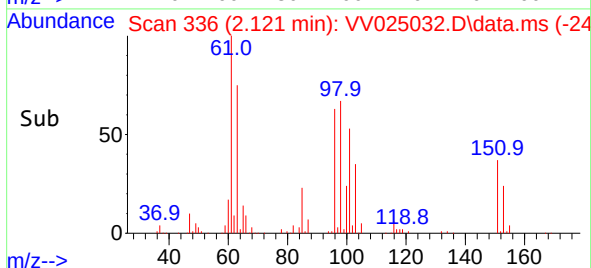
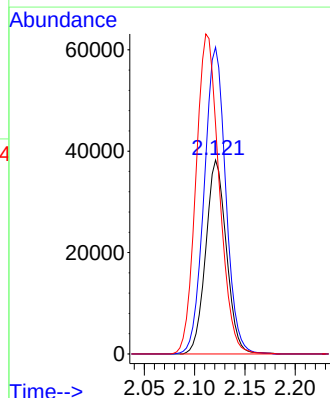
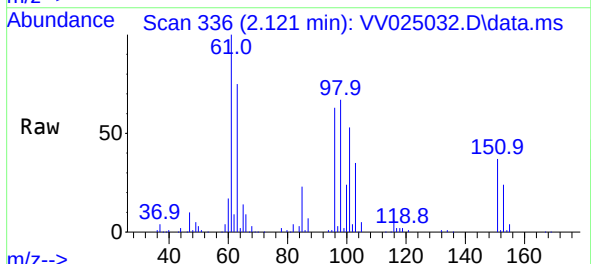
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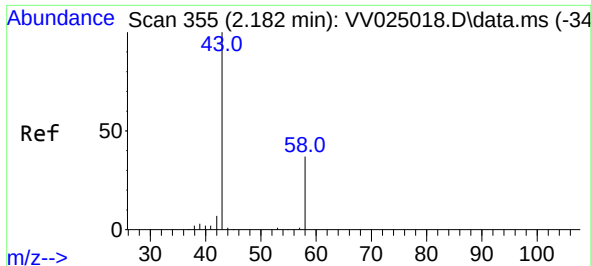
Tgt Ion:101 Resp: 54087
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.8 52.2
 151 70.5 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 5.201 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025032.D
 Acq: 16 Mar 2022 05:29

Tgt Ion: 96 Resp: 54503
 Ion Ratio Lower Upper
 96 100
 61 158.2 113.0 209.9
 63 118.5 82.1 152.5





#13

Acetone

Concen: 64.200 ug/L

RT: 2.182 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV025032.D

Acq: 16 Mar 2022 05:29

Instrument :

MSVOA_V

ClientSampleId :

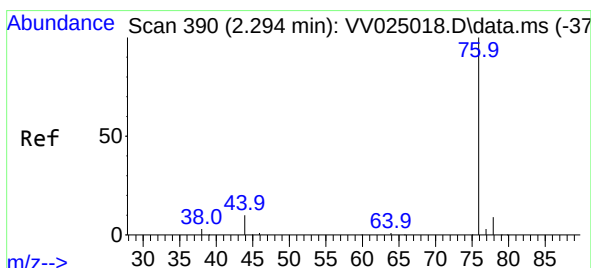
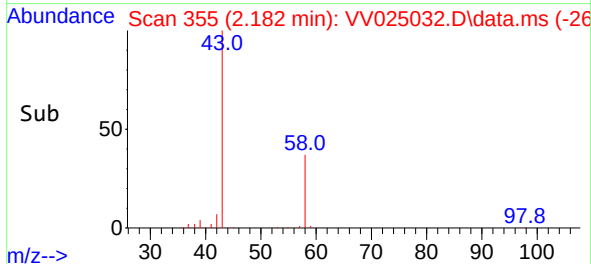
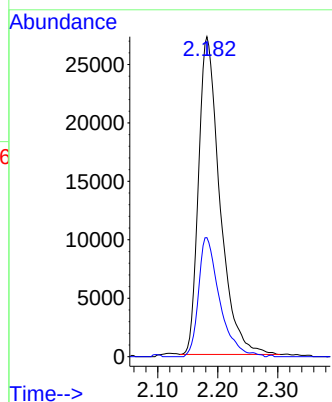
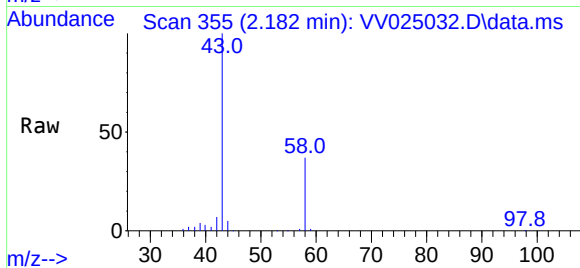
GBDB4MSD

Tgt Ion: 43 Resp: 67386

Ion Ratio Lower Upper

43 100

58 36.6 0.0 54.2



#14

Carbon disulfide

Concen: 4.825 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025032.D

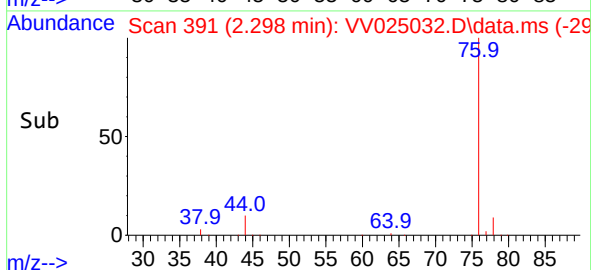
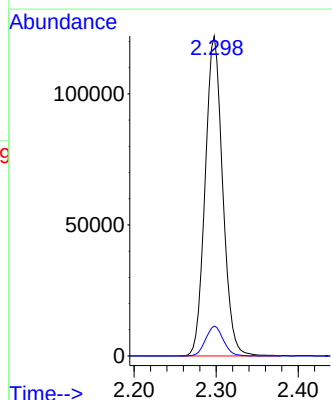
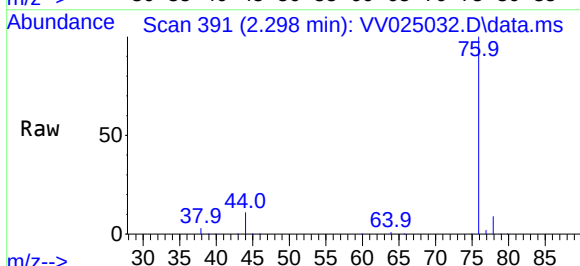
Acq: 16 Mar 2022 05:29

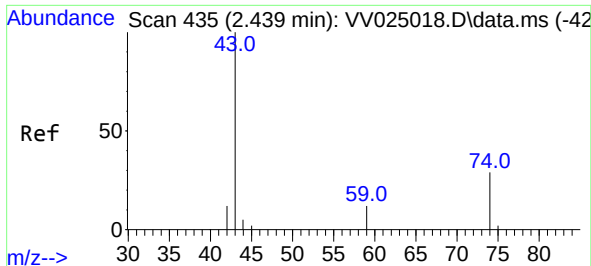
Tgt Ion: 76 Resp: 180897

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

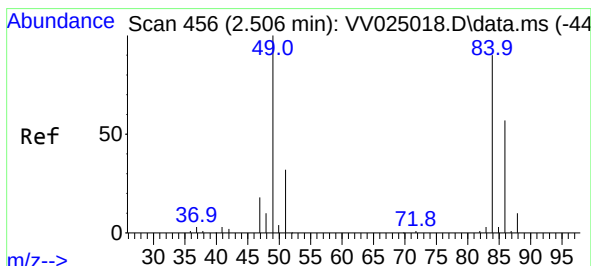
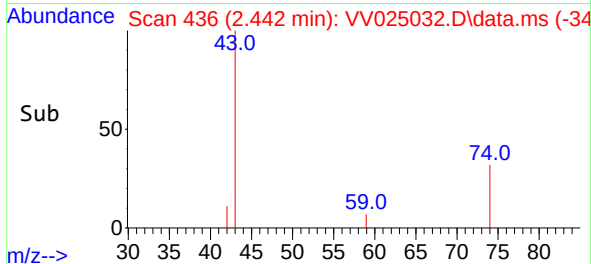
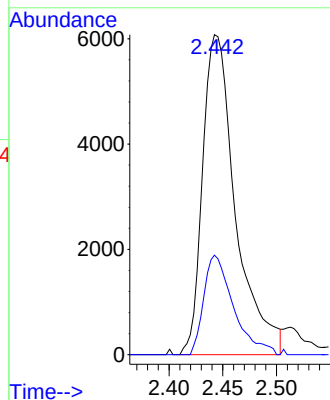
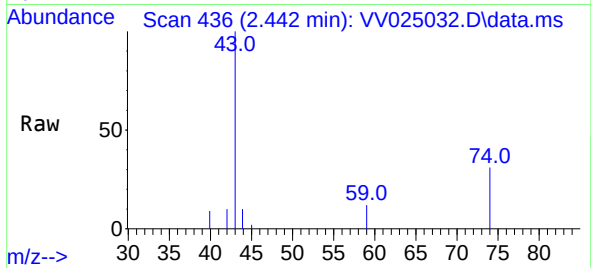




#15
Methyl Acetate
Concen: 4.514 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

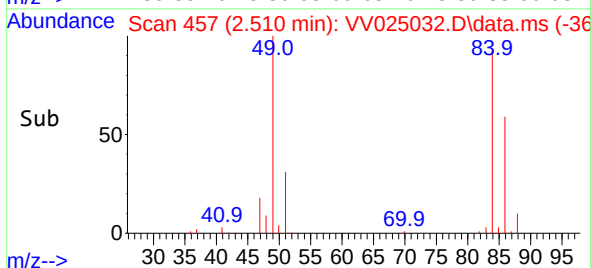
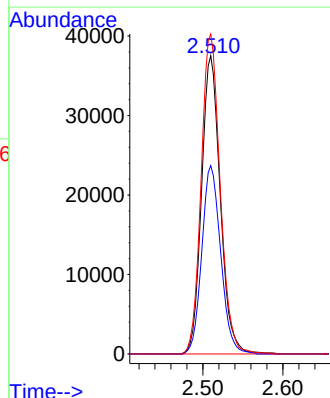
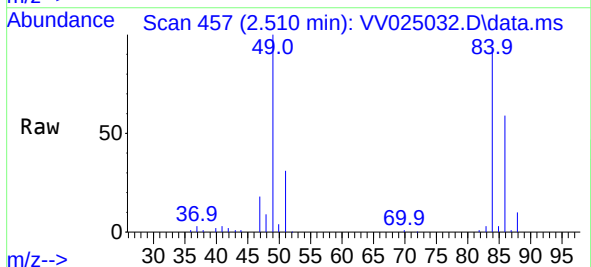
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

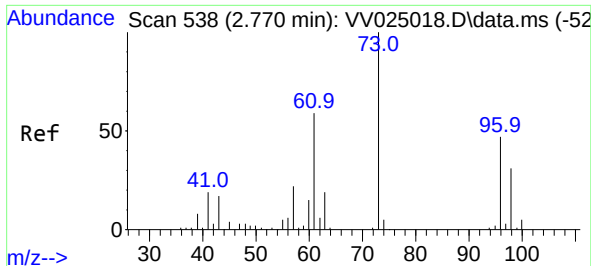
Tgt Ion: 43 Resp: 12980
Ion Ratio Lower Upper
43 100
74 28.0 24.2 36.4



#16
Methylene chloride
Concen: 4.801 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion: 84 Resp: 60959
Ion Ratio Lower Upper
84 100
86 63.2 45.5 84.5
49 107.3 75.0 139.2

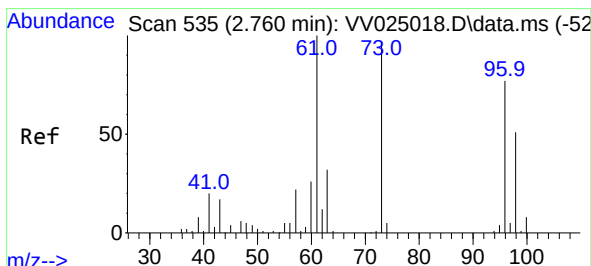
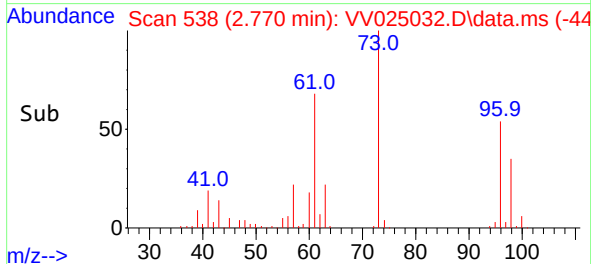
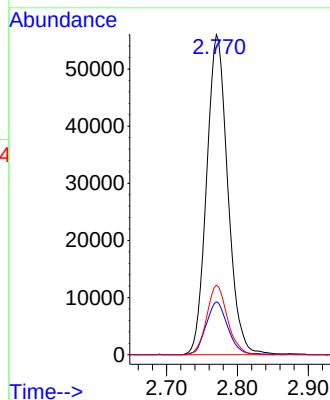
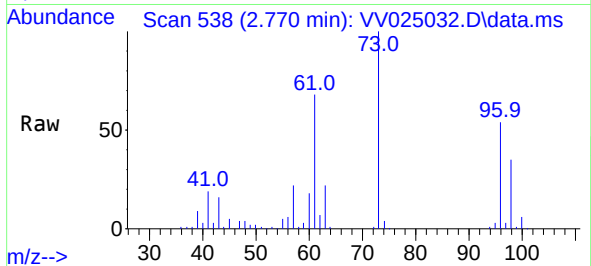




#17
Methyl tert-butyl Ether
Concen: 5.092 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

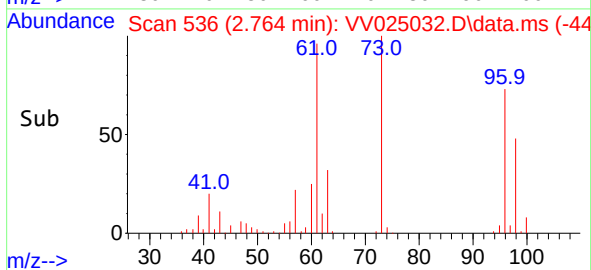
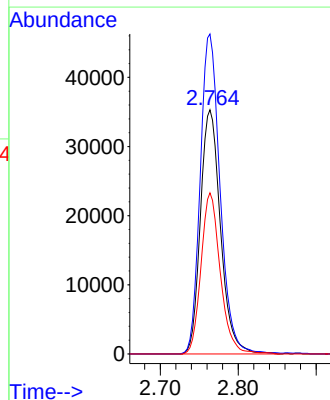
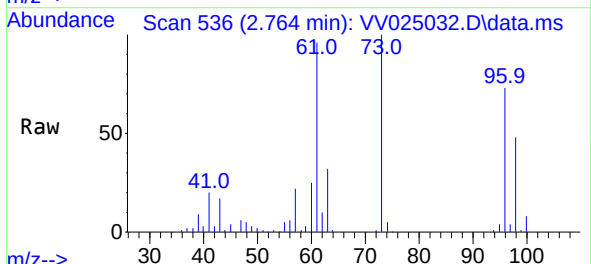
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

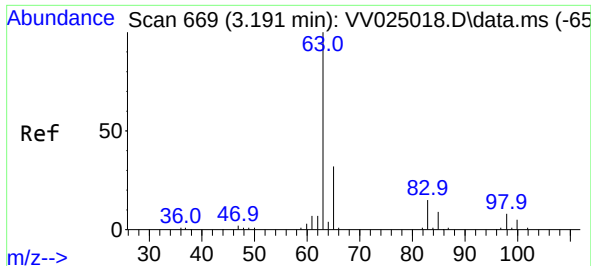
Tgt Ion: 73 Resp: 116228
Ion Ratio Lower Upper
73 100
43 16.9 13.2 19.8
57 21.4 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 5.015 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion: 96 Resp: 63246
Ion Ratio Lower Upper
96 100
61 131.1 89.2 165.6
98 66.0 43.9 81.5

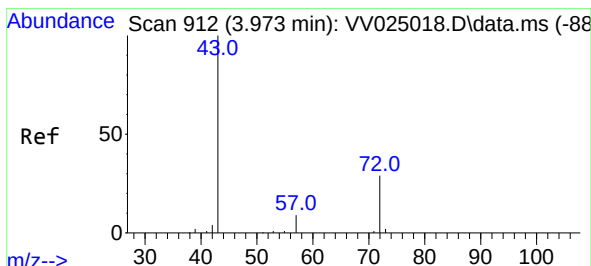
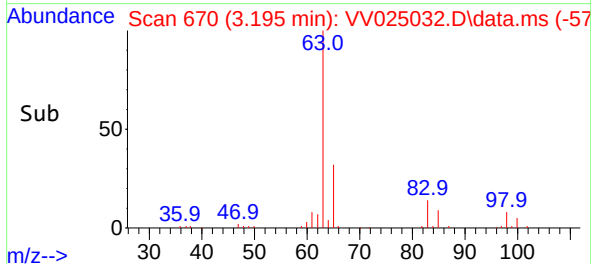
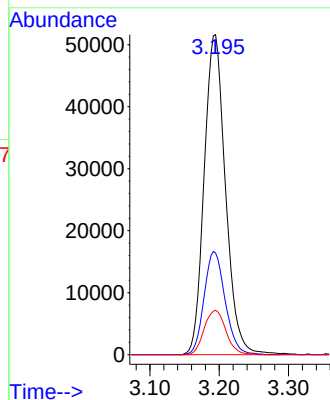
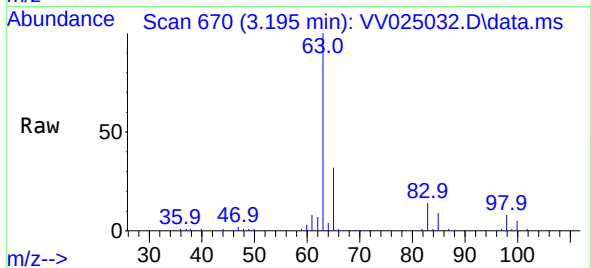




#19
1,1-Dichloroethane
Concen: 5.141 ug/L
RT: 3.195 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

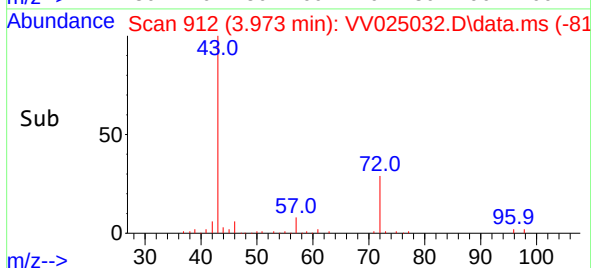
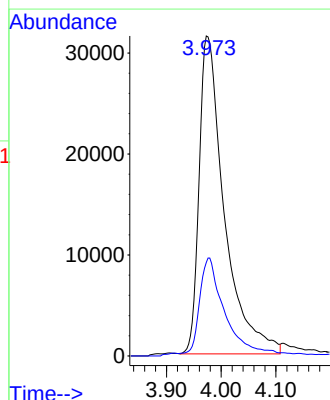
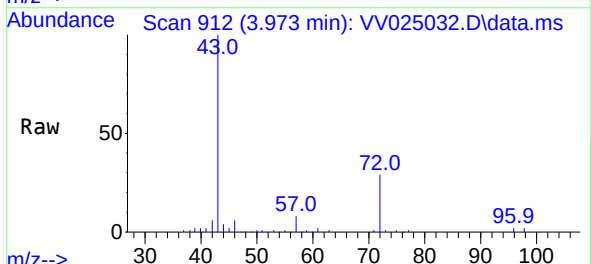
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

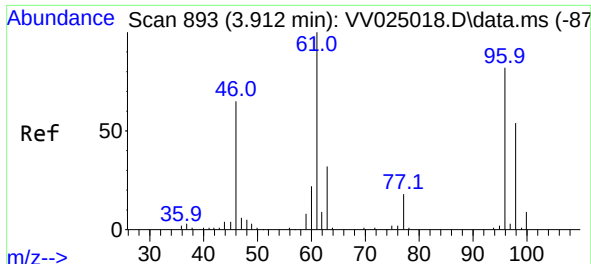
Tgt Ion: 63 Resp: 110328
Ion Ratio Lower Upper
63 100
65 31.8 22.2 41.2
83 13.9 9.4 17.4



#21
2-Butanone
Concen: 60.707 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion: 43 Resp: 100570
Ion Ratio Lower Upper
43 100
72 30.0 10.4 31.2

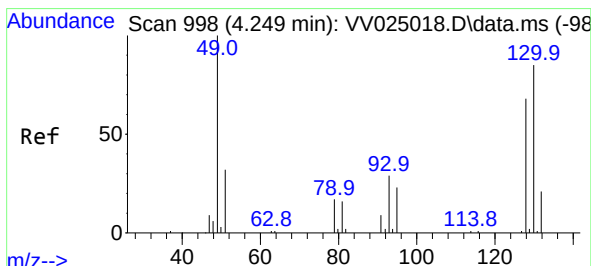
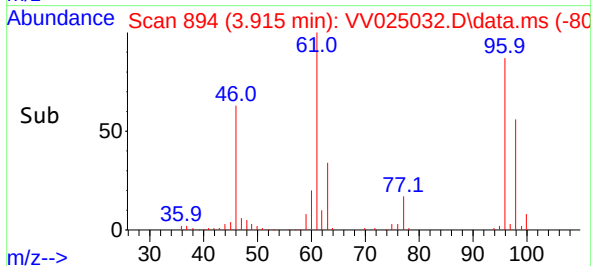
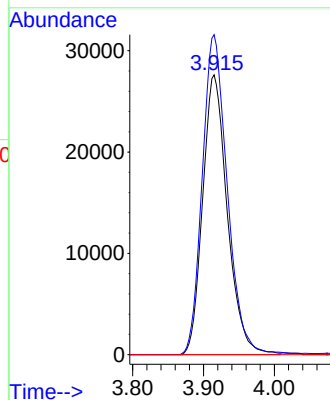
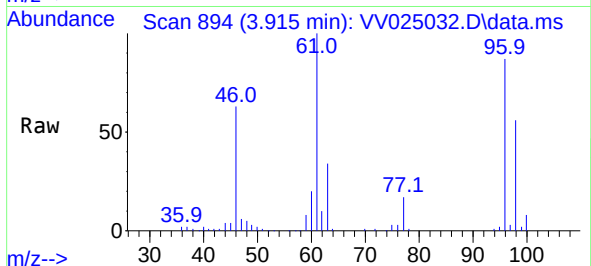




#22
 cis-1,2-Dichloroethene
 Concen: 5.238 ug/L
 RT: 3.915 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV025032.D
 Acq: 16 Mar 2022 05:29

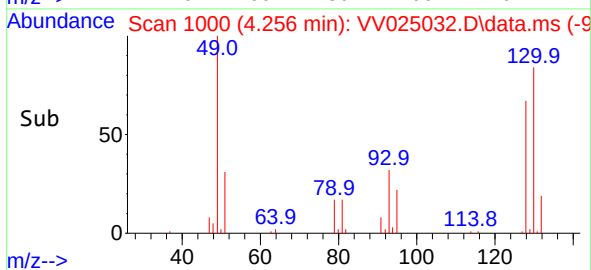
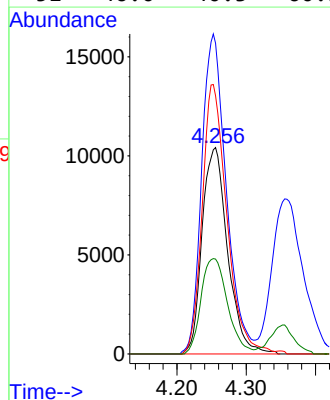
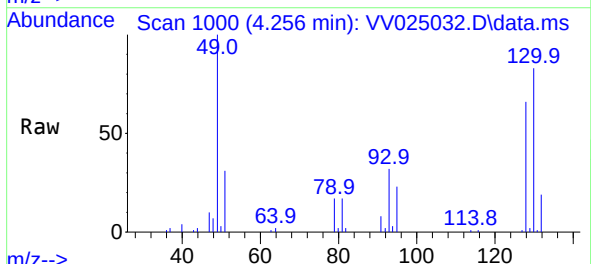
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDB4MSD

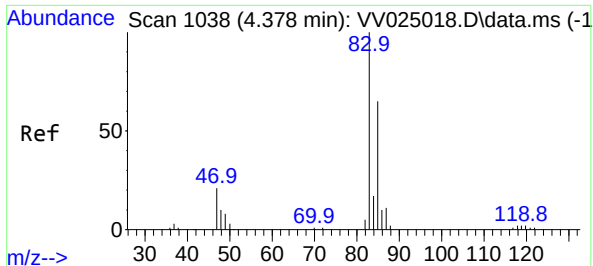
Tgt Ion: 96 Resp: 66692
 Ion Ratio Lower Upper
 96 100
 61 114.3 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.302 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: VV025032.D
 Acq: 16 Mar 2022 05:29

Tgt Ion: 128 Resp: 26614
 Ion Ratio Lower Upper
 128 100
 49 150.6 107.5 199.7
 130 125.2 89.4 166.0
 51 46.0 40.3 60.5

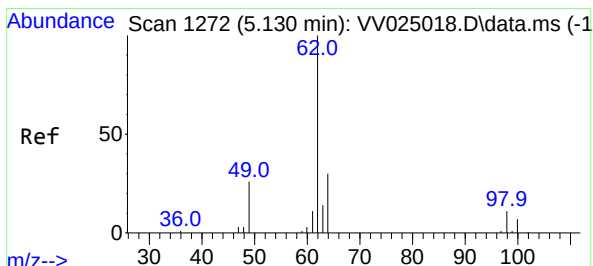
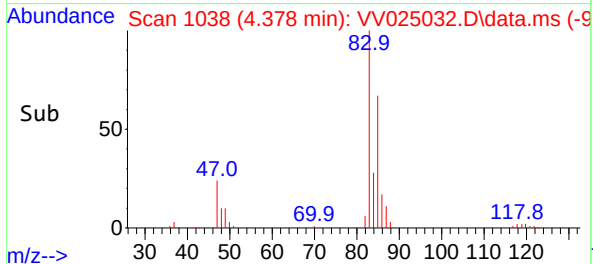
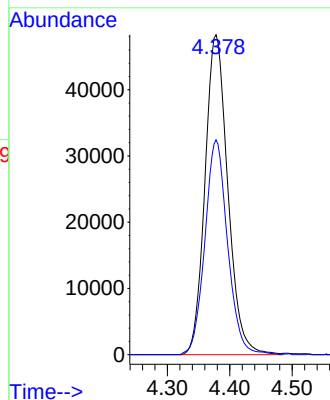
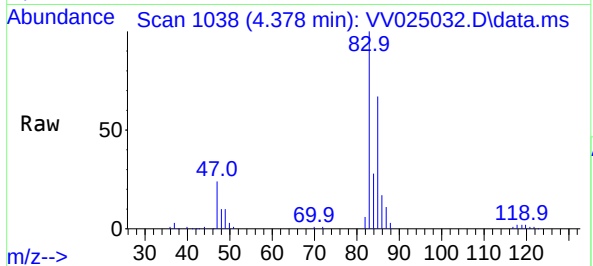




#25
Chloroform
Concen: 5.497 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

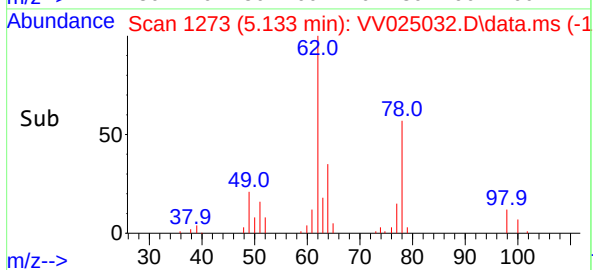
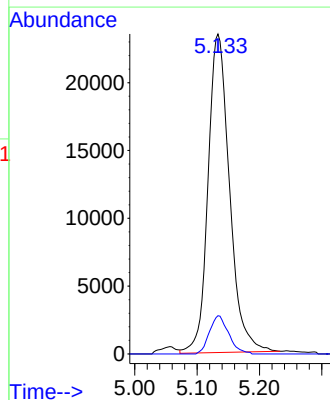
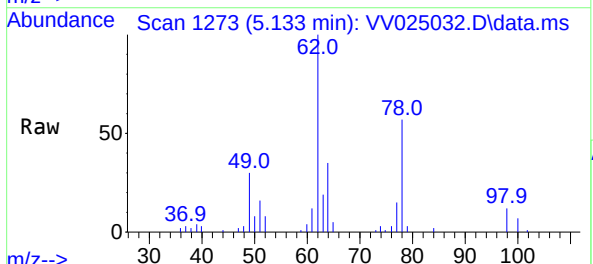
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

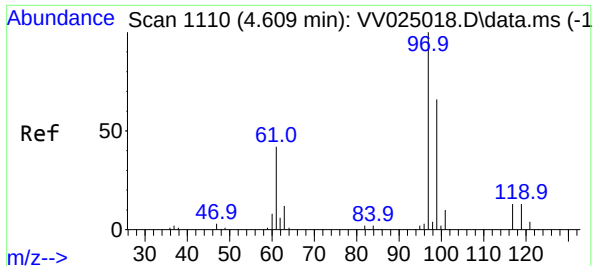
Tgt Ion: 83 Resp: 122829
Ion Ratio Lower Upper
83 100
85 67.2 44.5 82.7



#27
1,2-Dichloroethane
Concen: 5.066 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion: 62 Resp: 56296
Ion Ratio Lower Upper
62 100
98 12.0 9.0 13.4

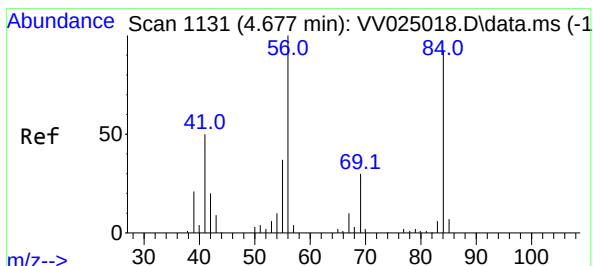
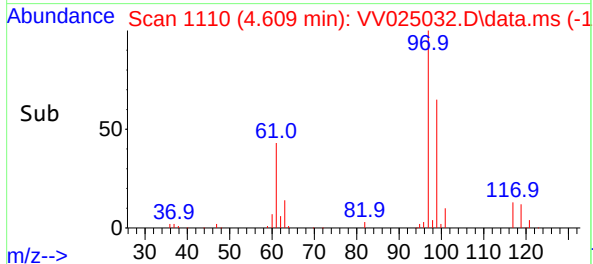
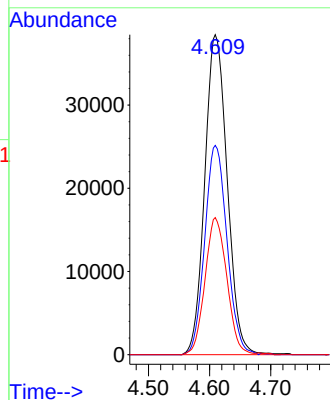
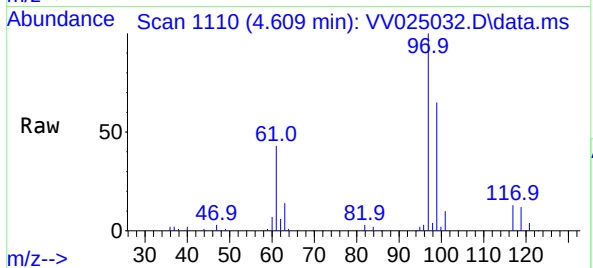




#29
1,1,1-Trichloroethane
Concen: 4.936 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

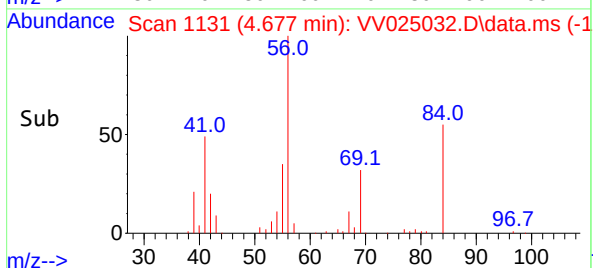
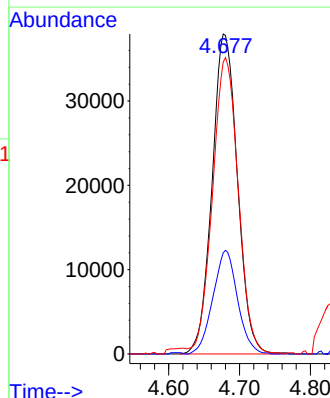
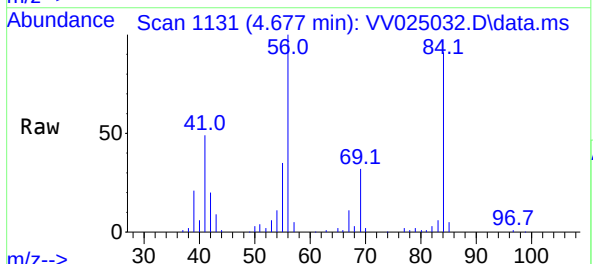
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

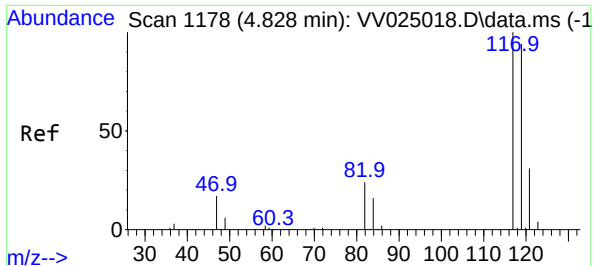
Tgt Ion:	97	Resp:	98409
Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.7	76.1
61	41.6	32.4	48.6



#30
Cyclohexane
Concen: 4.858 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion:	56	Resp:	94223
Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.9	37.3
84	94.1	75.9	113.9

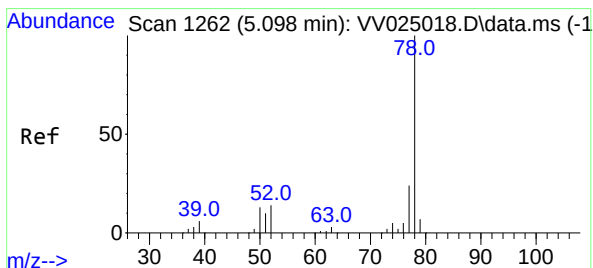
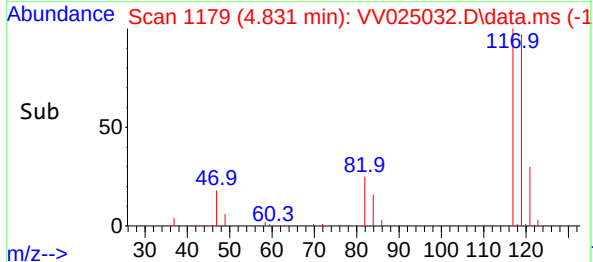
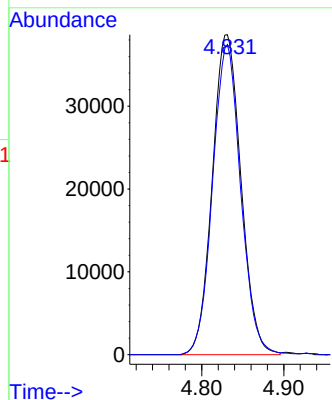
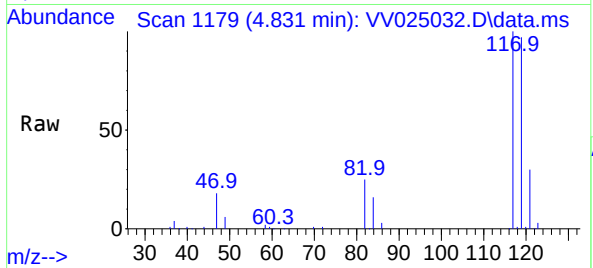




#31
Carbon tetrachloride
Concen: 5.478 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

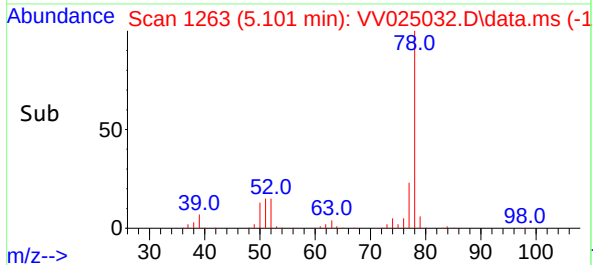
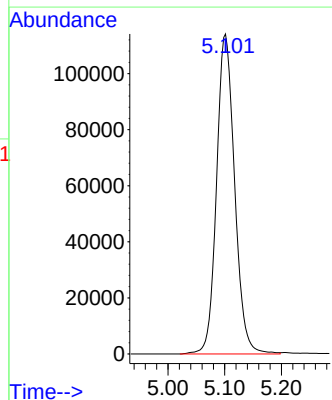
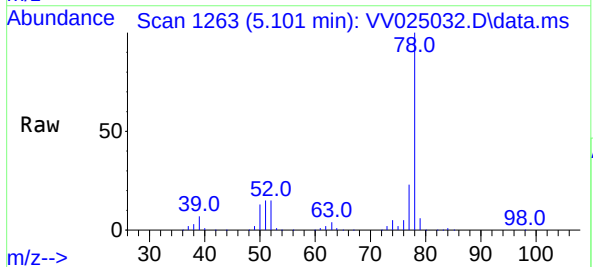
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

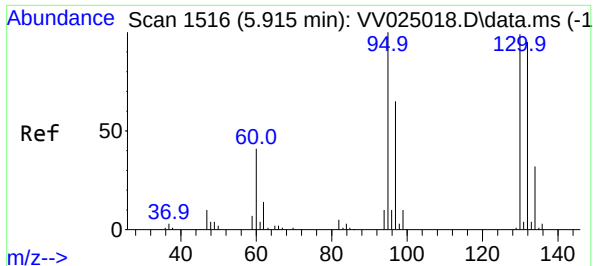
Tgt Ion:117 Resp: 93699
Ion Ratio Lower Upper
117 100
119 95.2 76.8 115.2



#33
Benzene
Concen: 4.972 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion: 78 Resp: 252841

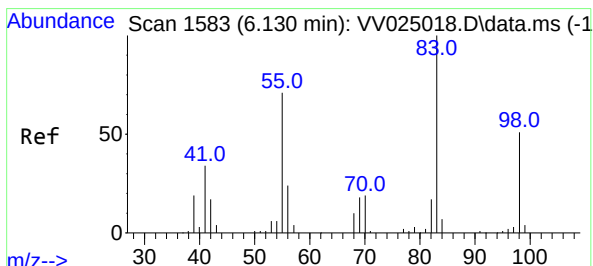
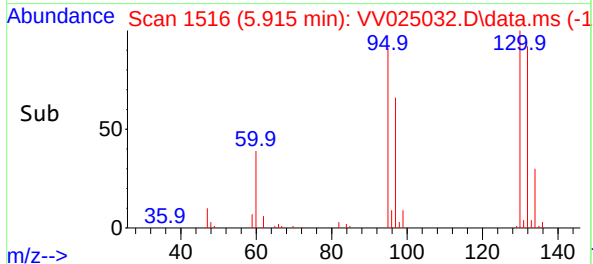
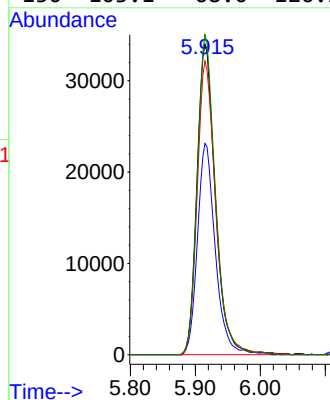
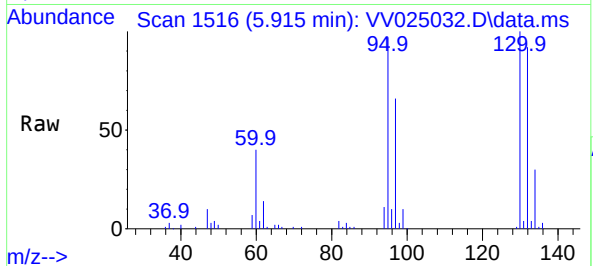




#34
Trichloroethene
Concen: 4.960 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

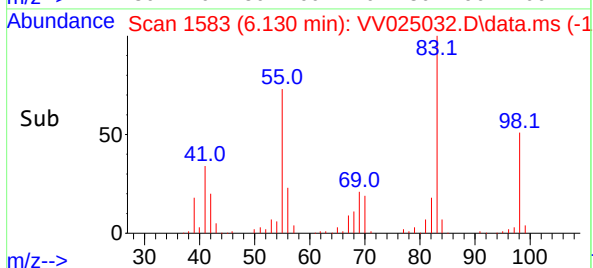
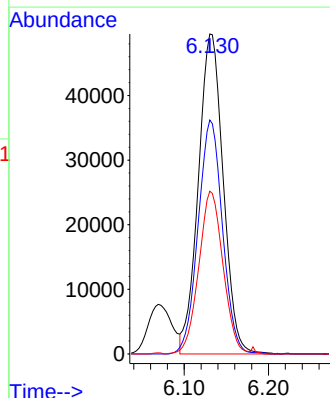
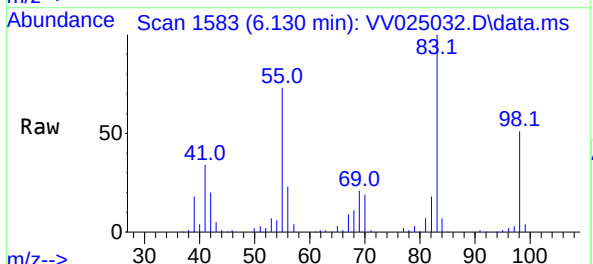
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

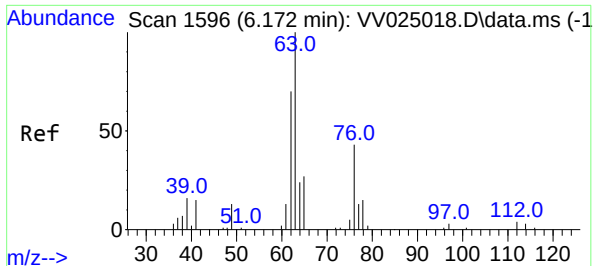
Tgt Ion: 95 Resp: 67152
Ion Ratio Lower Upper
95 100
97 68.0 44.5 82.7
132 94.5 66.5 123.5
130 103.1 68.0 126.2



#35
Methylcyclohexane
Concen: 4.746 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion: 83 Resp: 101724
Ion Ratio Lower Upper
83 100
55 71.6 55.4 83.0
98 49.6 38.4 57.6

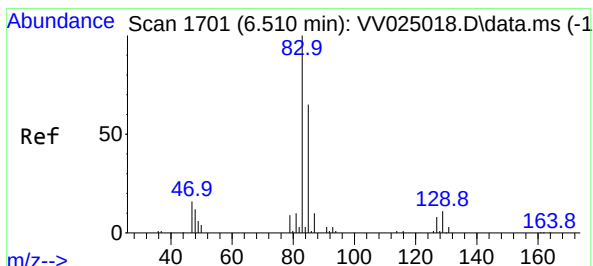
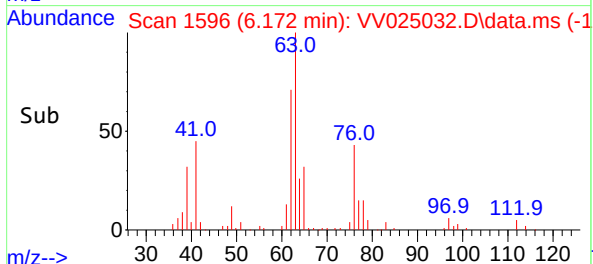
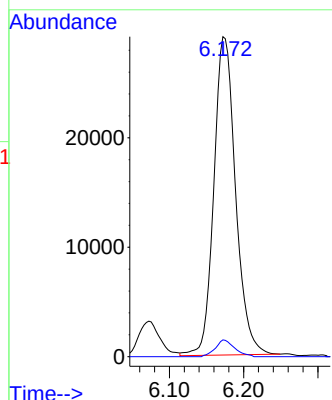
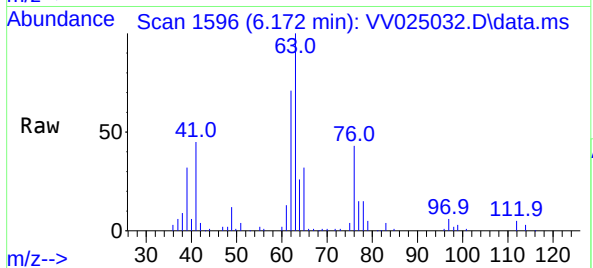




#37
1,2-Dichloropropane
Concen: 5.062 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

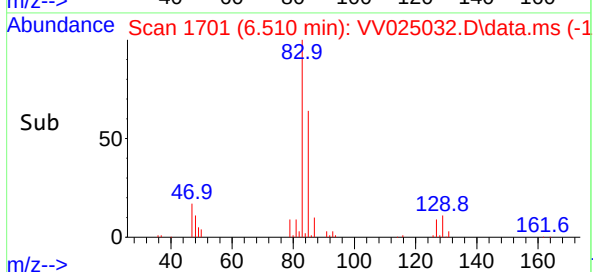
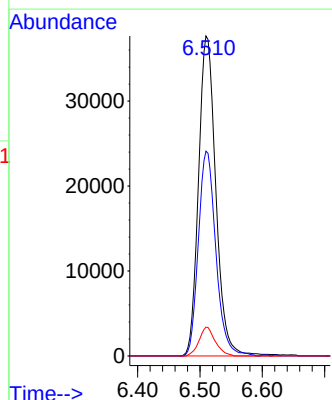
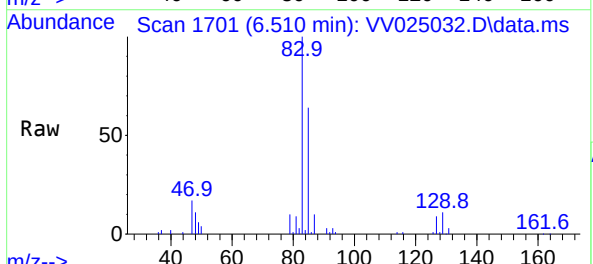
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

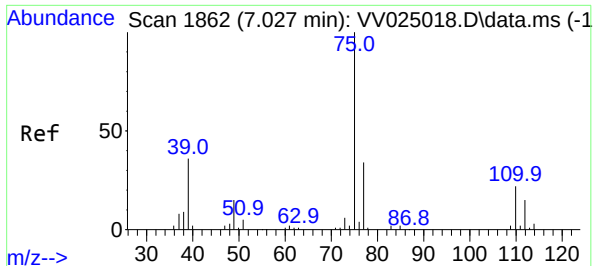
Tgt Ion: 63 Resp: 59149
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 4.934 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion: 83 Resp: 72906
Ion Ratio Lower Upper
83 100
85 64.0 44.8 83.2
127 9.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.844 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV025032.D

Acq: 16 Mar 2022 05:29

Instrument :

MSVOA_V

ClientSampleId :

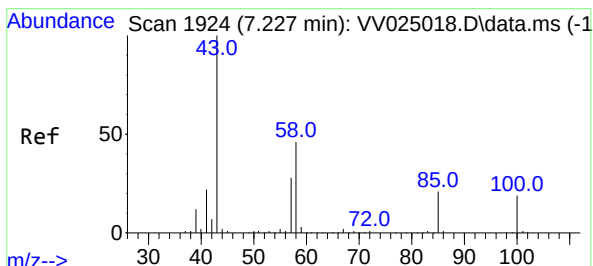
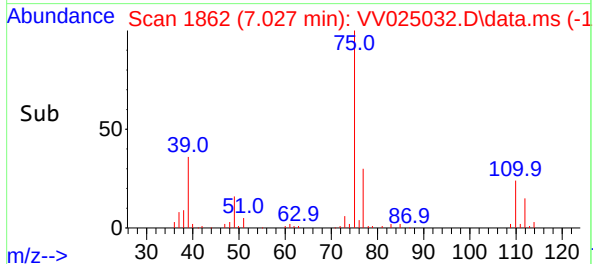
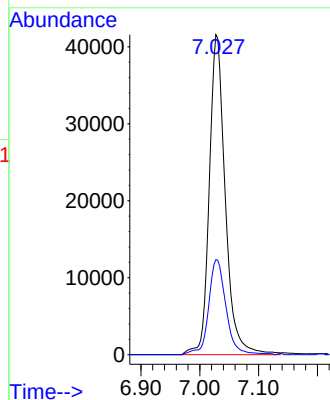
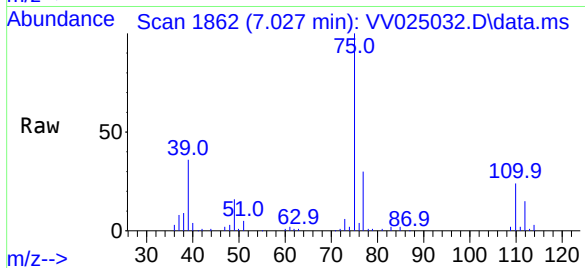
GBDB4MSD

Tgt Ion: 75 Resp: 78589

Ion Ratio Lower Upper

75 100

77 29.7 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 52.435 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV025032.D

Acq: 16 Mar 2022 05:29

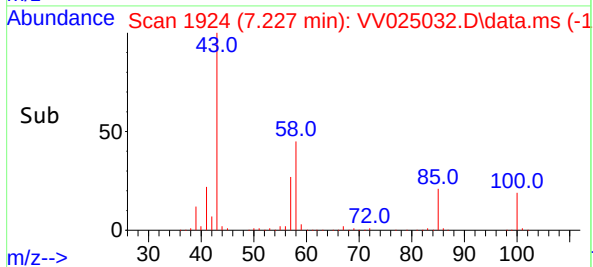
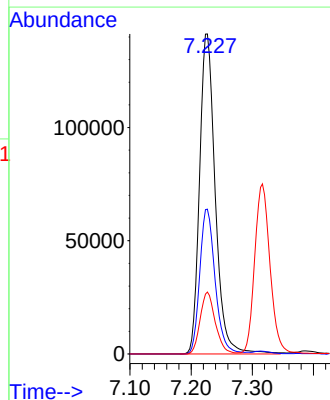
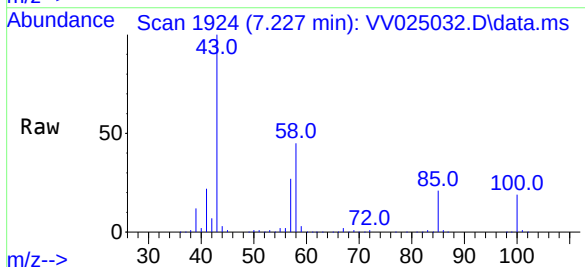
Tgt Ion: 43 Resp: 252120

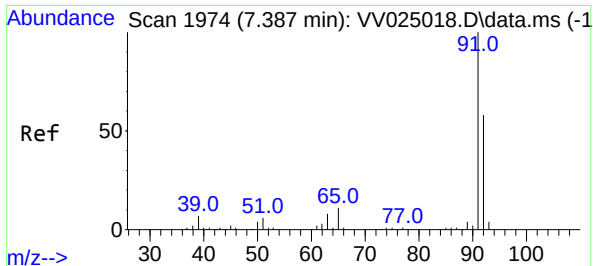
Ion Ratio Lower Upper

43 100

58 44.5 36.6 55.0

100 18.7 13.8 20.8





#42

Toluene

Concen: 5.144 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025032.D

Acq: 16 Mar 2022 05:29

Instrument :

MSVOA_V

ClientSampleId :

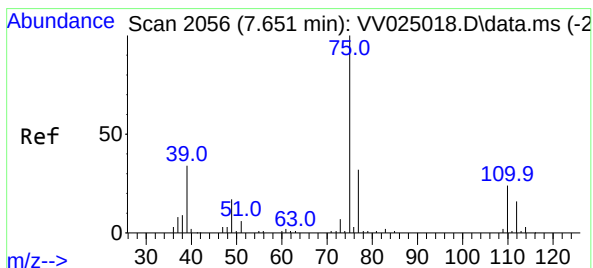
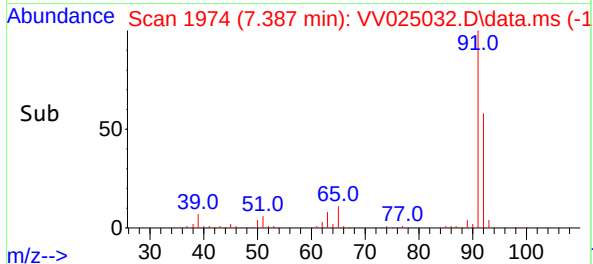
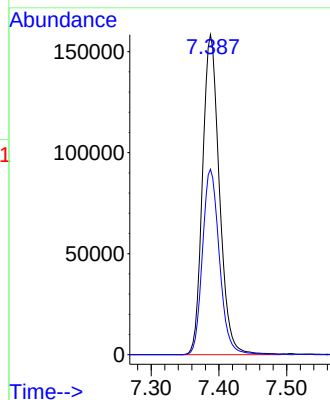
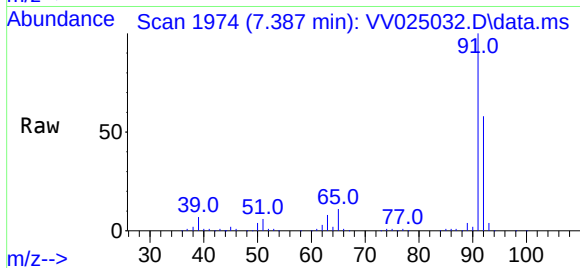
GBDB4MSD

Tgt Ion: 91 Resp: 273723

Ion Ratio Lower Upper

91 100

92 57.9 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.767 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV025032.D

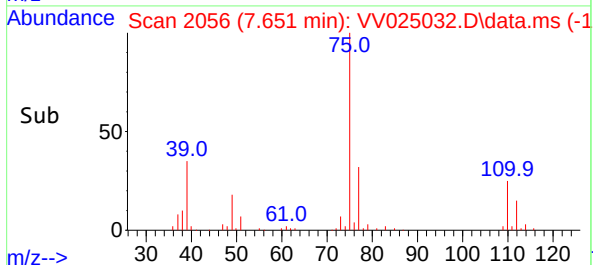
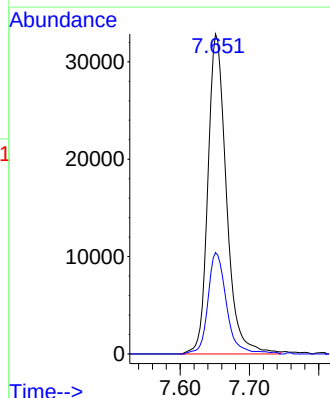
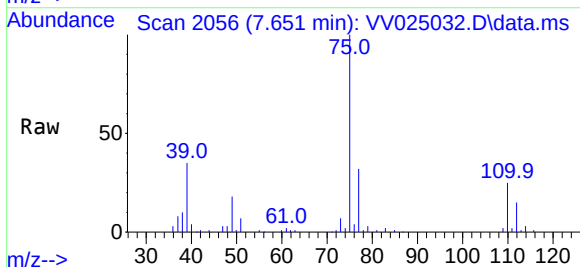
Acq: 16 Mar 2022 05:29

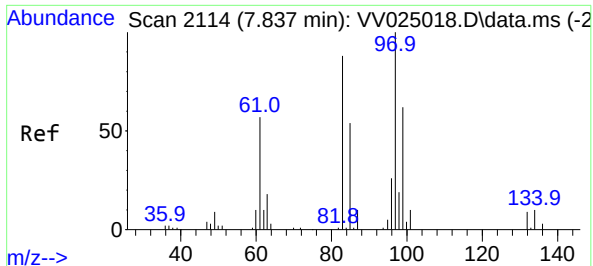
Tgt Ion: 75 Resp: 60863

Ion Ratio Lower Upper

75 100

77 31.7 23.0 42.6



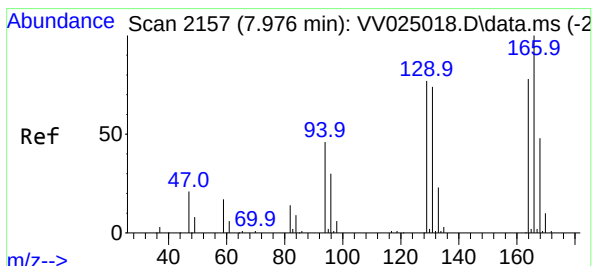
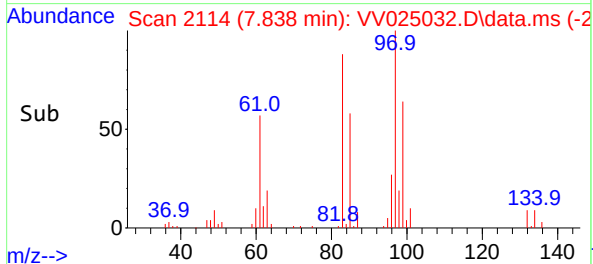
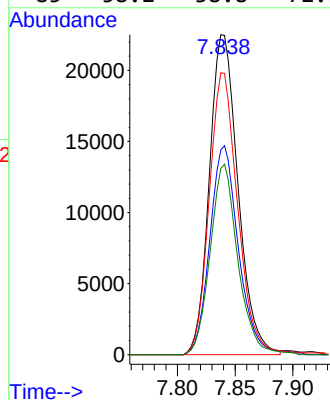
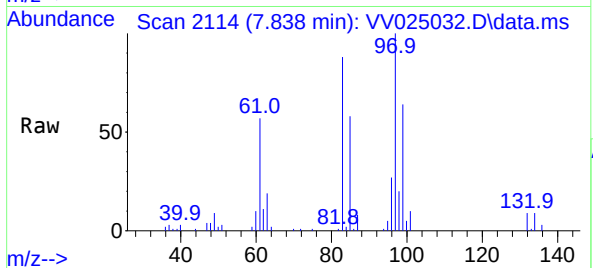


#45
1,1,2-Trichloroethane
Concen: 4.981 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

Tgt Ion: 97 Resp: 38877

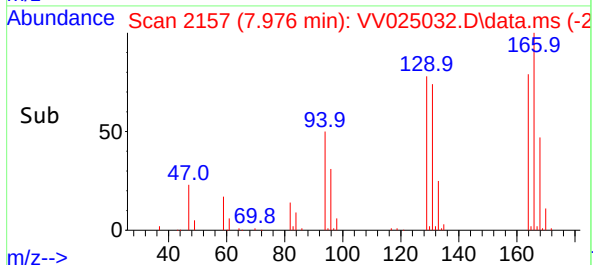
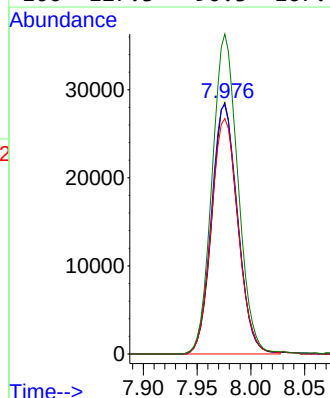
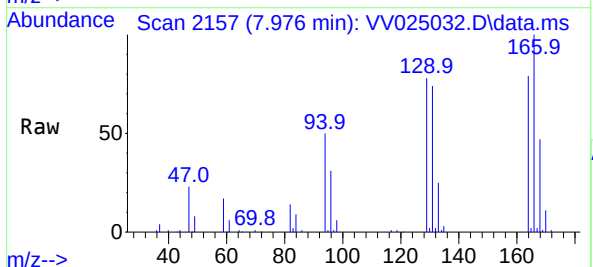
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.7	81.1
83	88.1	58.9	109.3
85	58.2	38.8	72.0

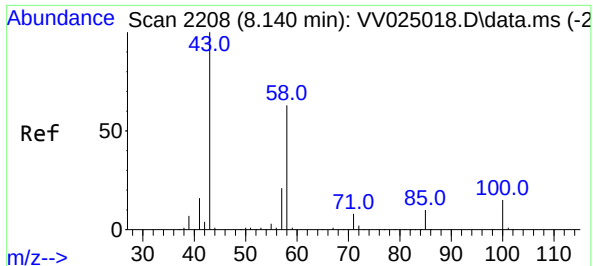


#47
Tetrachloroethene
Concen: 4.940 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion: 164 Resp: 47049

Ion	Ratio	Lower	Upper
164	100		
129	99.0	70.3	130.7
131	93.7	69.4	129.0
166	127.3	90.3	167.7

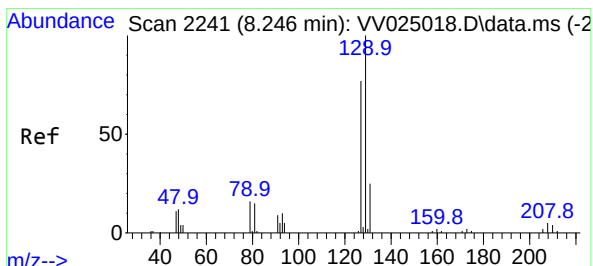
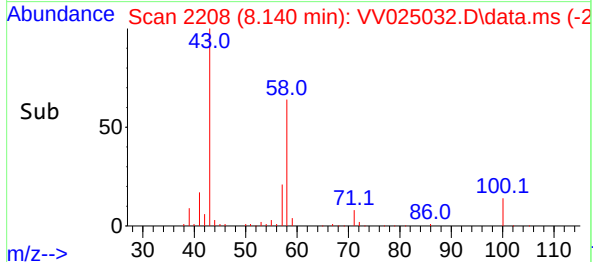
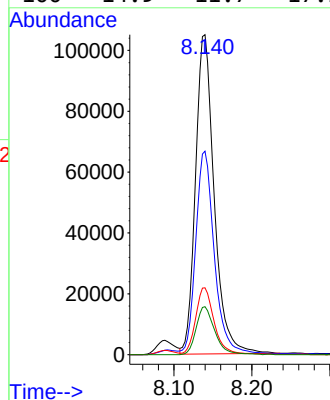
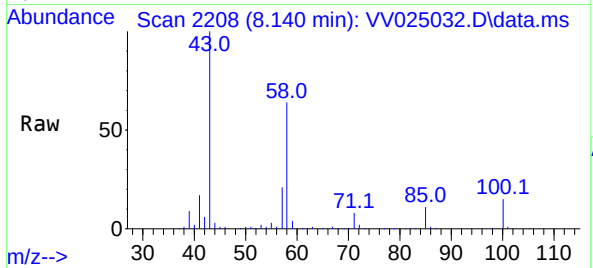




#48
2-Hexanone
Concen: 51.368 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

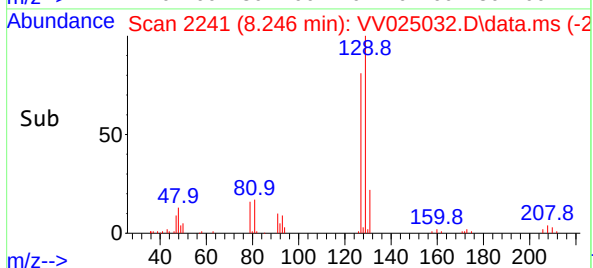
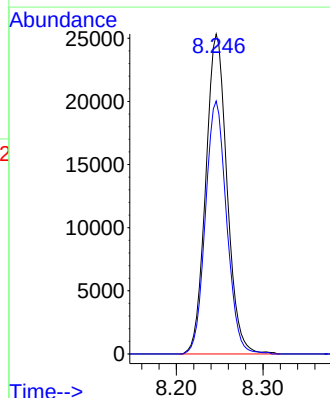
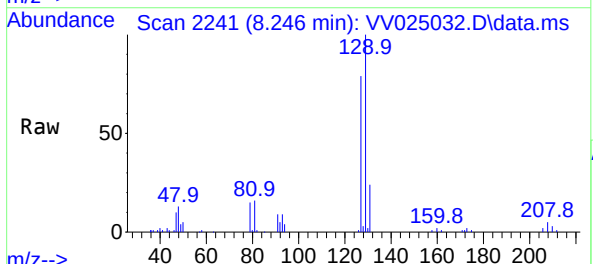
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

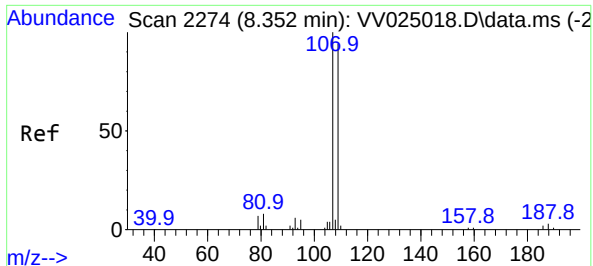
Tgt Ion: 43 Resp: 175107
Ion Ratio Lower Upper
43 100
58 63.4 49.2 73.8
57 20.9 16.0 24.0
100 14.9 11.7 17.5



#49
Dibromochloromethane
Concen: 4.941 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion: 129 Resp: 43164
Ion Ratio Lower Upper
129 100
127 79.0 54.9 102.1

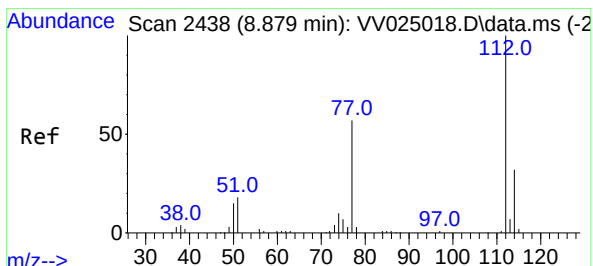
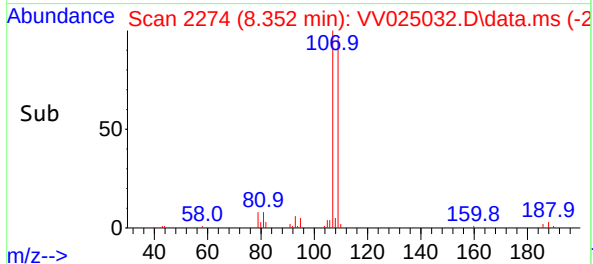
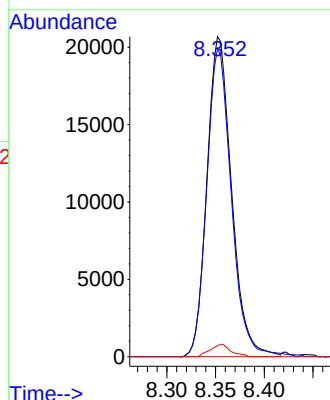
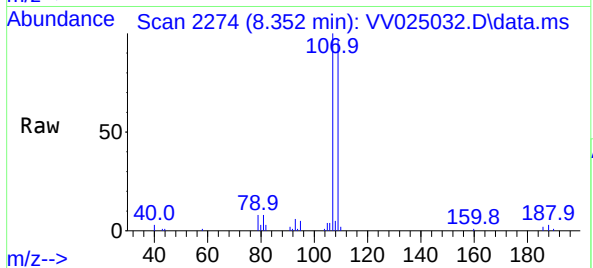




#50
1,2-Dibromoethane
Concen: 5.087 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

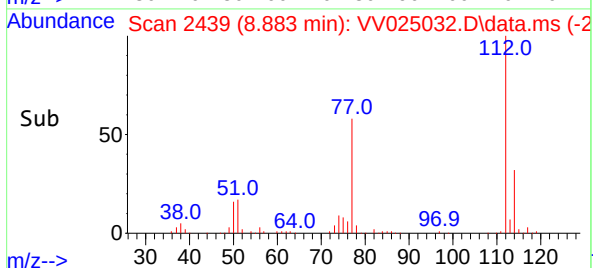
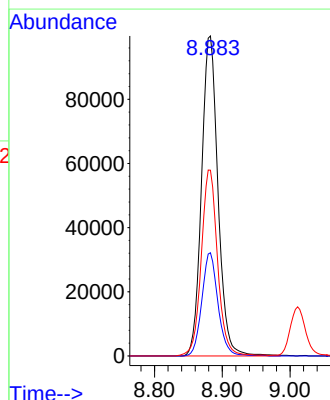
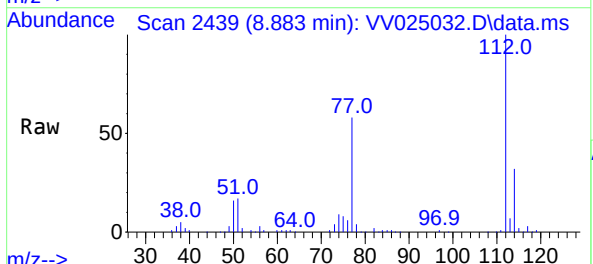
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

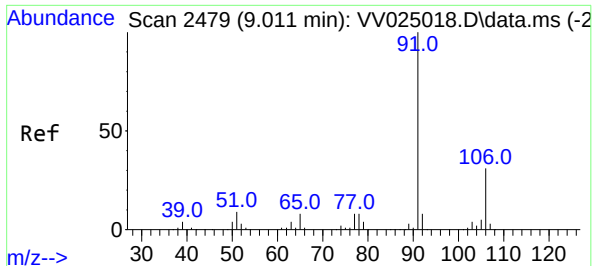
Tgt Ion:	107	Resp:	36338
Ion	Ratio	Lower	Upper
107	100		
109	96.2	65.5	121.6
188	3.5	2.4	3.6



#51
Chlorobenzene
Concen: 5.040 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion:	112	Resp:	167943
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.7
77	58.0	45.3	67.9

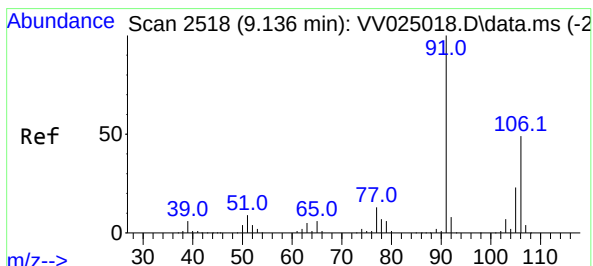
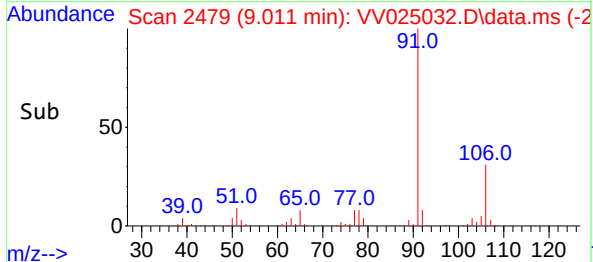
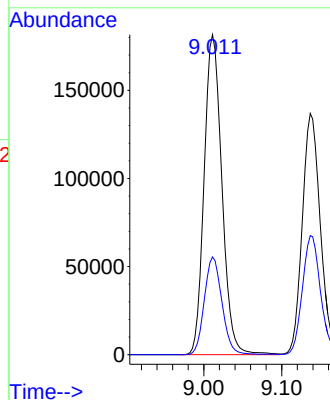
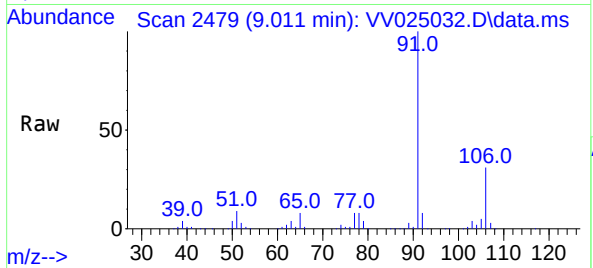




#52
Ethylbenzene
Concen: 5.111 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

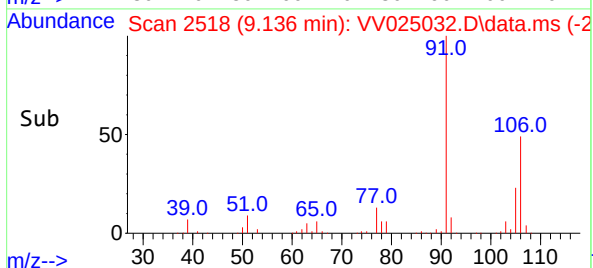
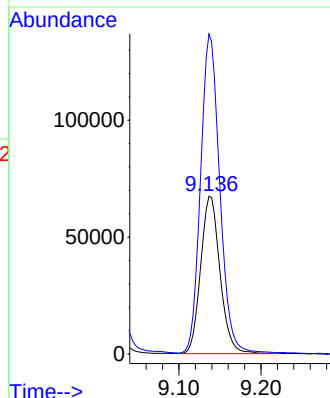
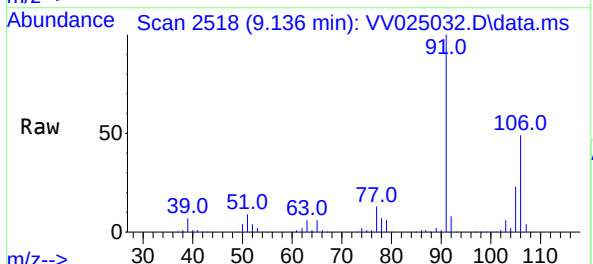
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

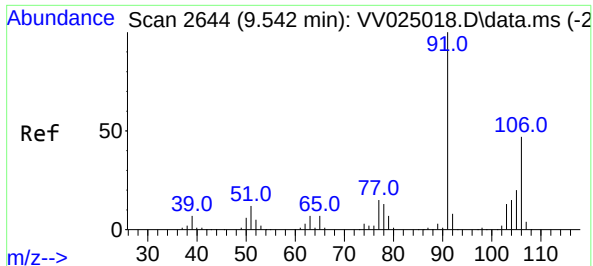
Tgt Ion: 91 Resp: 287705
Ion Ratio Lower Upper
91 100
106 30.6 21.9 40.7



#53
m,p-xylene
Concen: 5.065 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion: 106 Resp: 109799
Ion Ratio Lower Upper
106 100
91 202.7 143.4 266.4

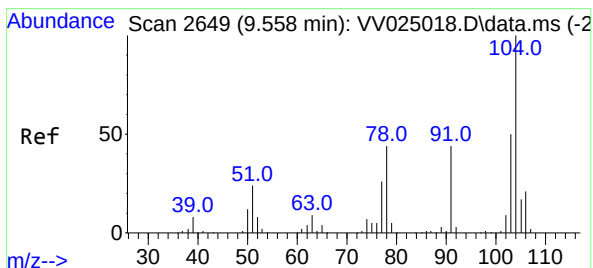
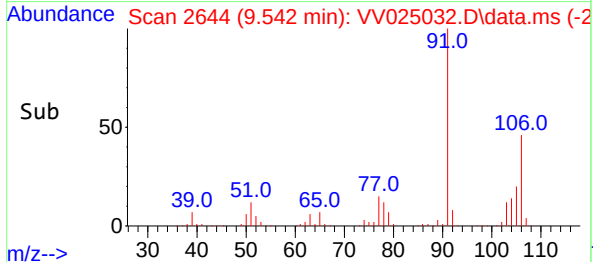
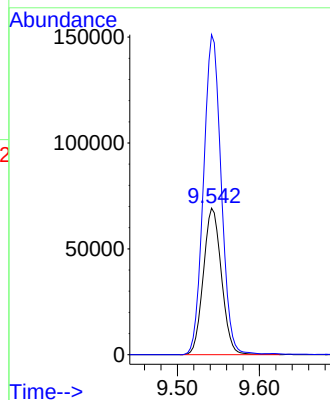
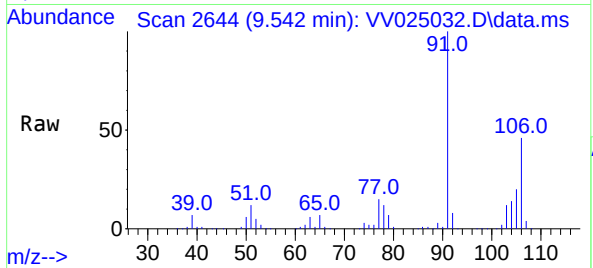




#54
o-xylene
Concen: 5.114 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

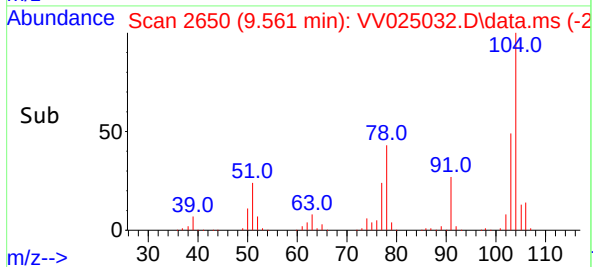
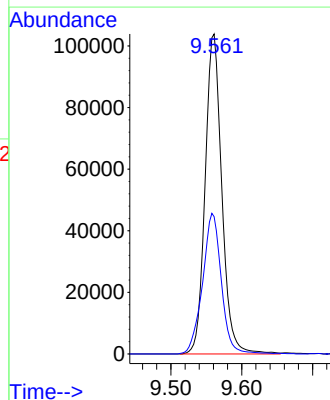
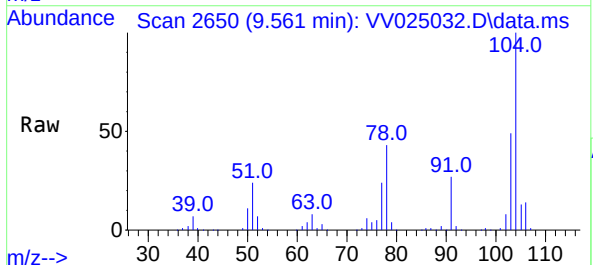
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

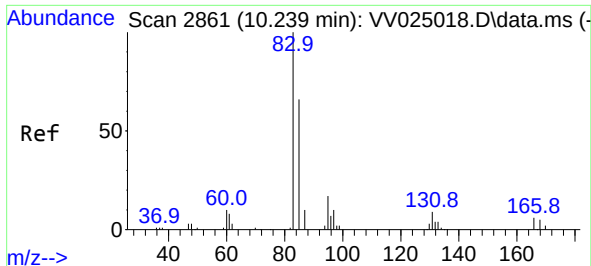
Tgt Ion:106 Resp: 106014
Ion Ratio Lower Upper
106 100
91 218.3 146.7 272.5



#55
Styrene
Concen: 5.035 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion:104 Resp: 169981
Ion Ratio Lower Upper
104 100
78 42.9 30.2 56.2

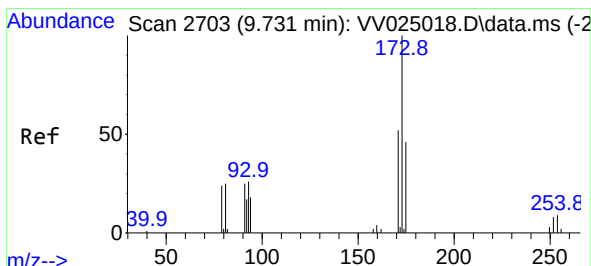
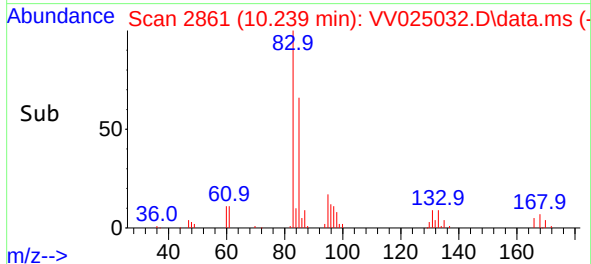
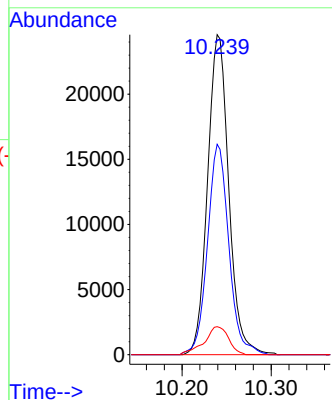
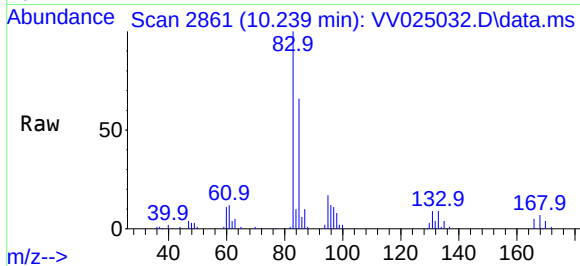




#57
1,1,2,2-Tetrachloroethane
Concen: 5.296 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

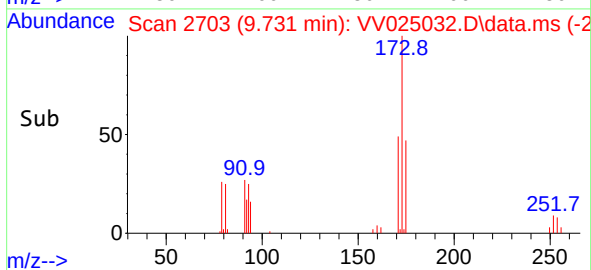
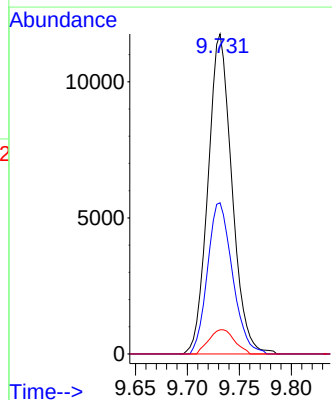
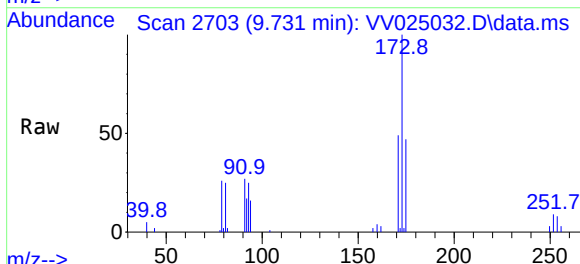
Instrument : MSVOA_V
ClientSampleId : GBDB4MSD

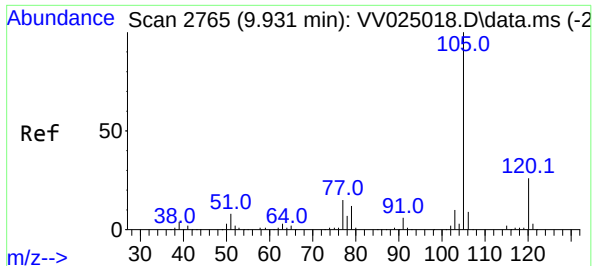
Tgt Ion:	83	Resp:	40526
Ion	Ratio	Lower	Upper
83	100		
85	65.7	43.9	81.5
131	8.8	7.5	11.3



#59
Bromoform
Concen: 4.651 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion:	173	Resp:	18830
Ion	Ratio	Lower	Upper
173	100		
175	49.3	37.8	56.8
254	8.1	5.8	8.6

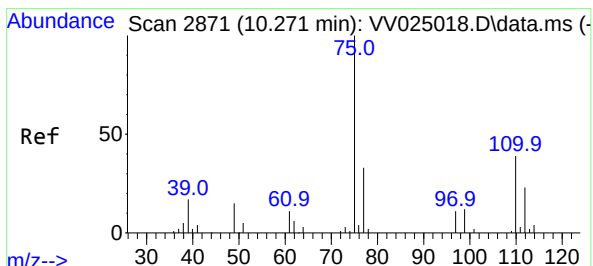
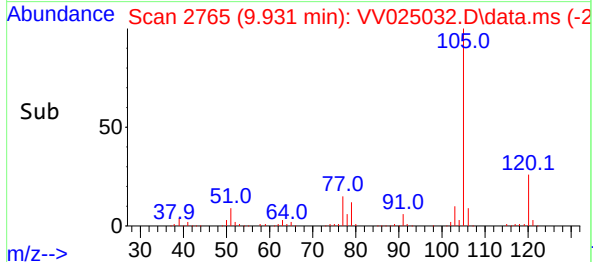
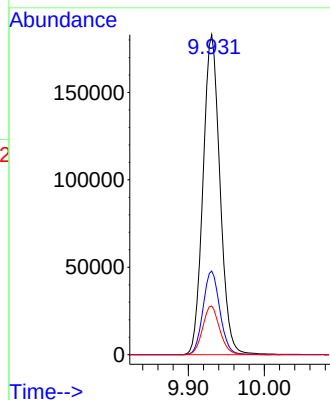
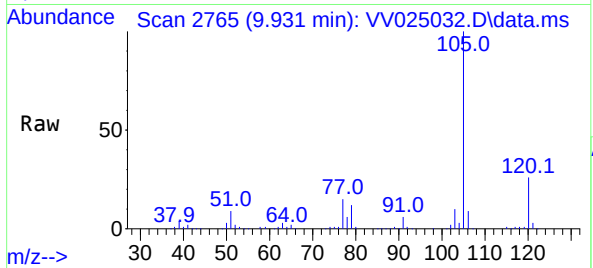




#60
Isopropylbenzene
Concen: 5.004 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

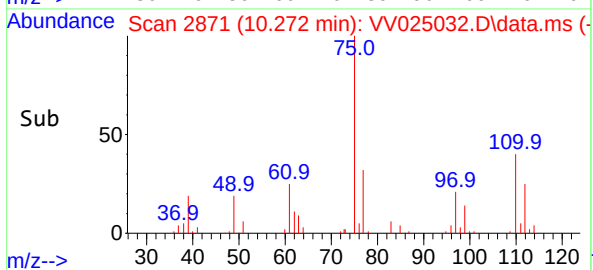
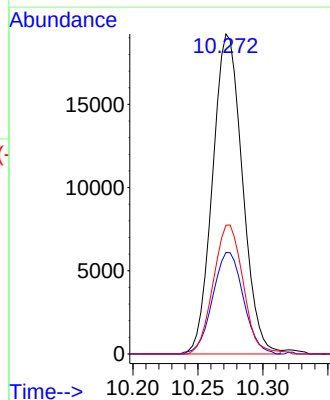
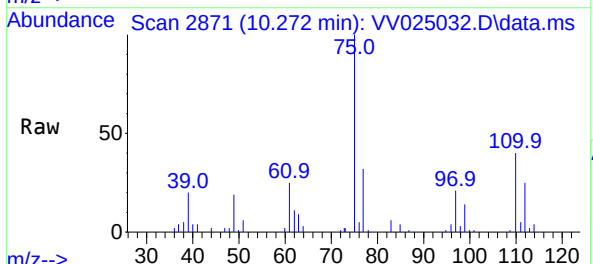
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

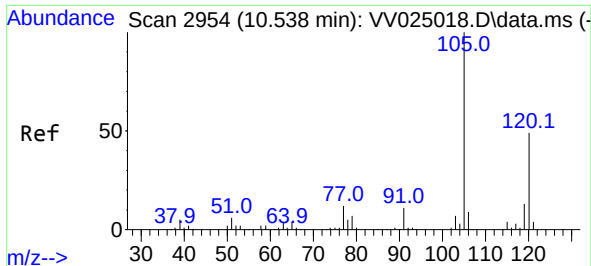
Tgt Ion:105 Resp: 283640
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.4 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.849 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion: 75 Resp: 30654
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5
110 40.4 31.2 46.8

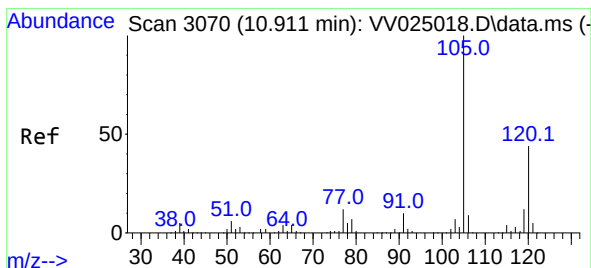
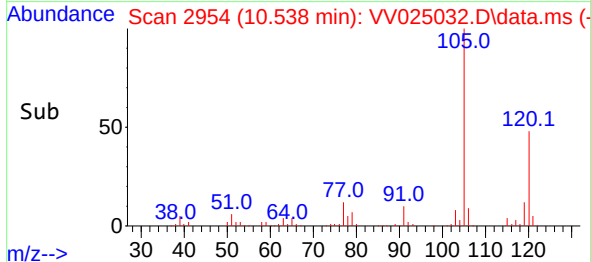
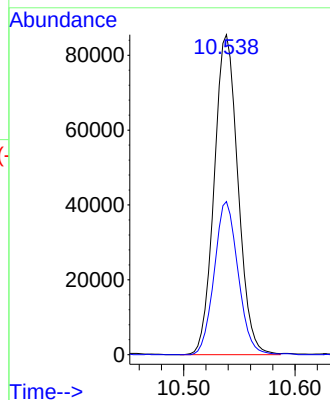
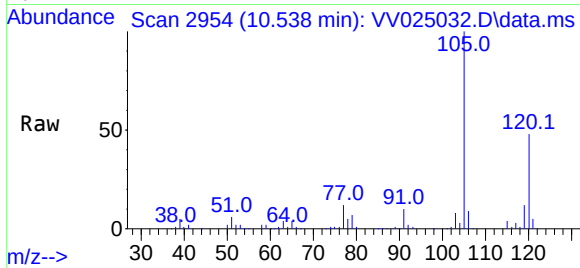




#62
1,3,5-Trimethylbenzene
Concen: 4.935 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

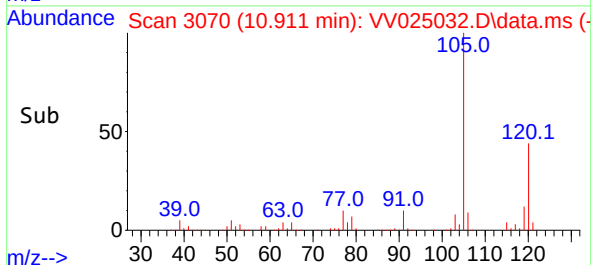
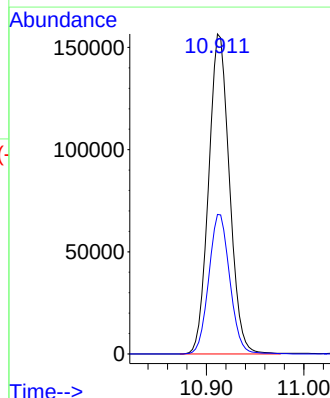
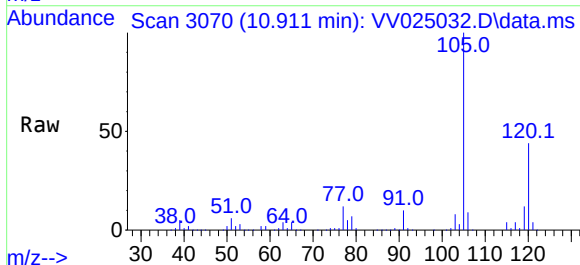
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

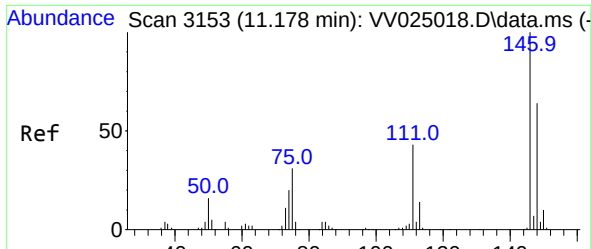
Tgt Ion:105 Resp: 126934
Ion Ratio Lower Upper
105 100
120 47.8 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 5.102 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion:105 Resp: 232436
Ion Ratio Lower Upper
105 100
120 44.1 35.8 53.8

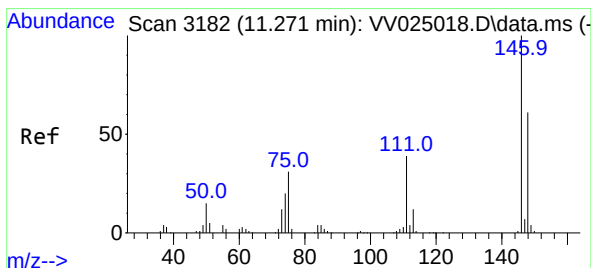
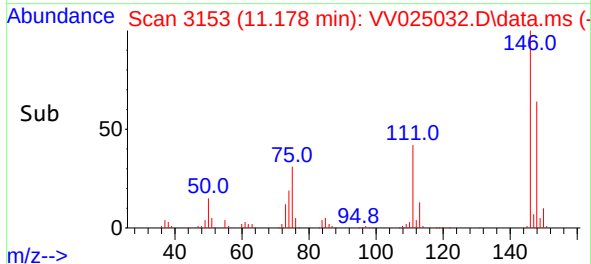
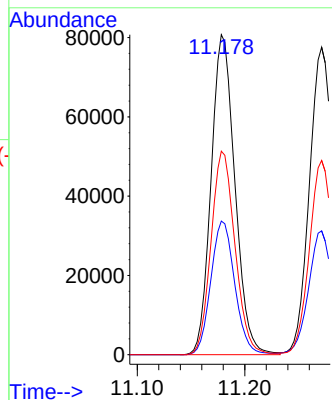
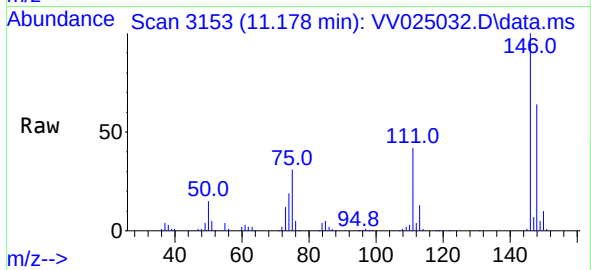




#64
1,3-Dichlorobenzene
Concen: 5.054 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

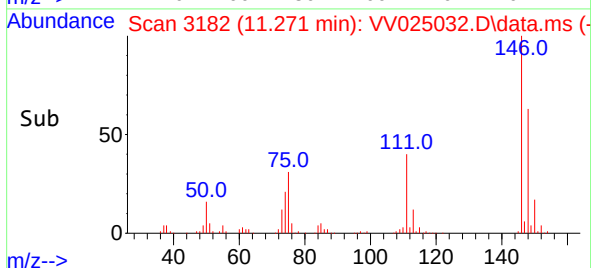
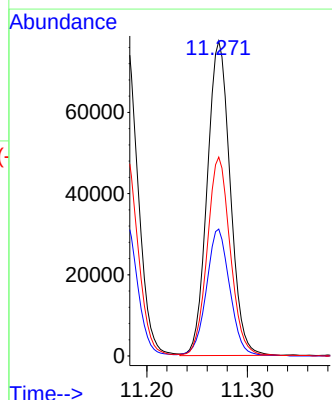
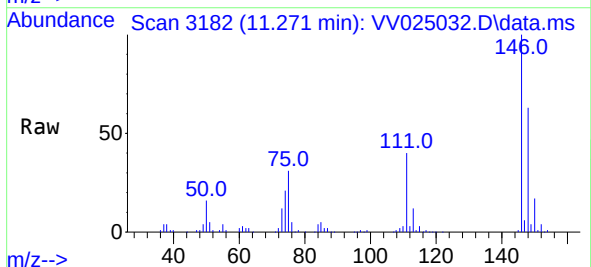
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

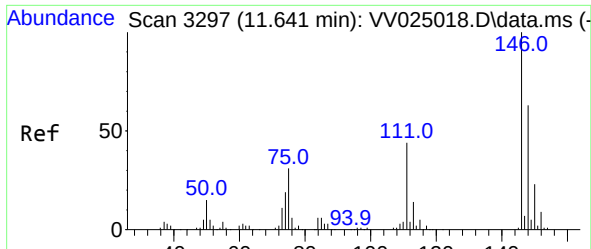
Tgt Ion:146 Resp: 124282
Ion Ratio Lower Upper
146 100
111 41.8 29.2 54.2
148 63.6 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.966 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

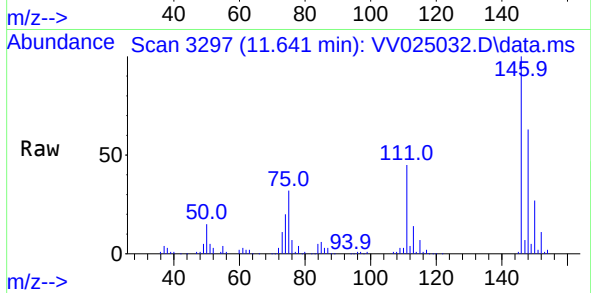
Tgt Ion:146 Resp: 123095
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 63.2 43.8 81.4



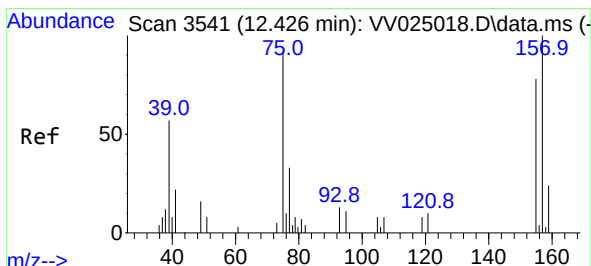
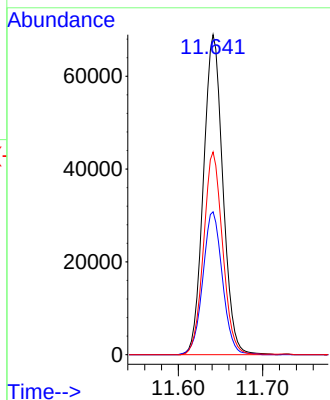
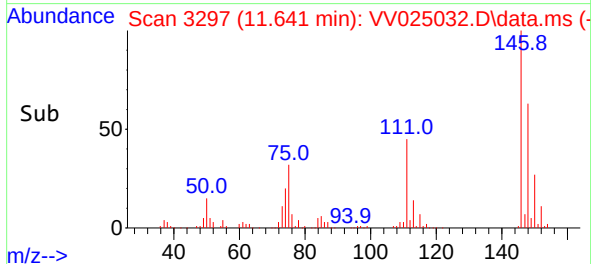


#67
1,2-Dichlorobenzene
Concen: 5.079 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

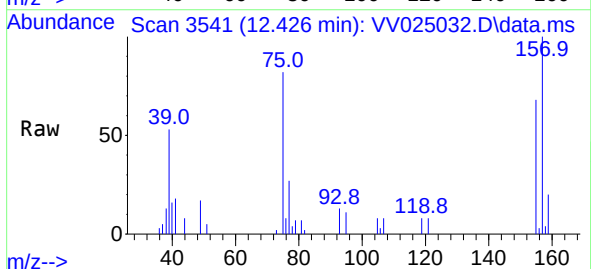
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD



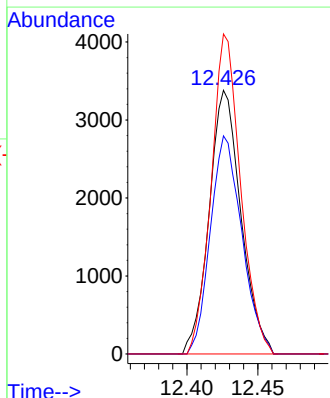
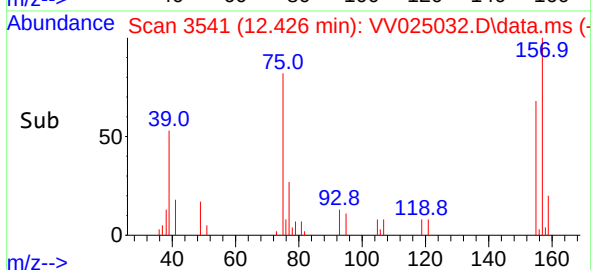
Tgt Ion:146 Resp: 110650
Ion Ratio Lower Upper
146 100
111 44.7 35.5 53.3
148 63.4 49.7 74.5

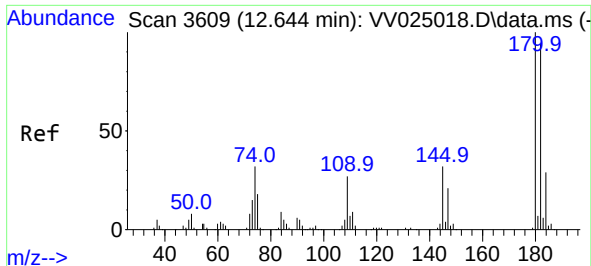


#68
1,2-Dibromo-3-chloropropane
Concen: 4.872 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29



Tgt Ion: 75 Resp: 5279
Ion Ratio Lower Upper
75 100
155 82.7 65.9 98.9
157 121.4 89.7 134.5

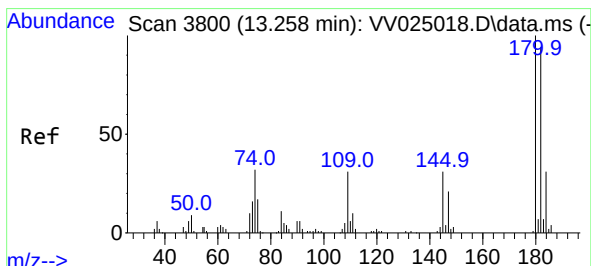
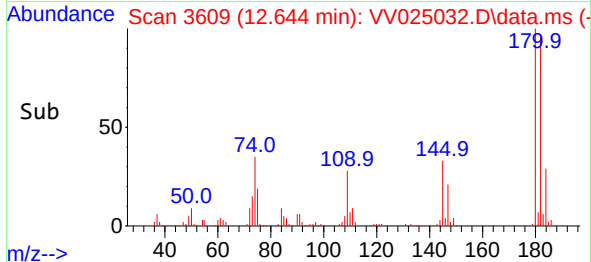
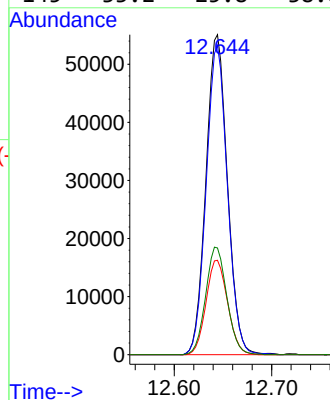
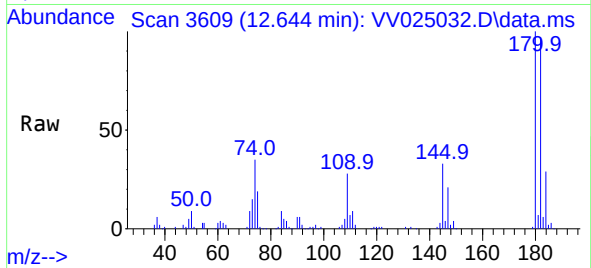




#69
 1,3,5-Trichlorobenzene
 Concen: 4.855 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV025032.D
 Acq: 16 Mar 2022 05:29

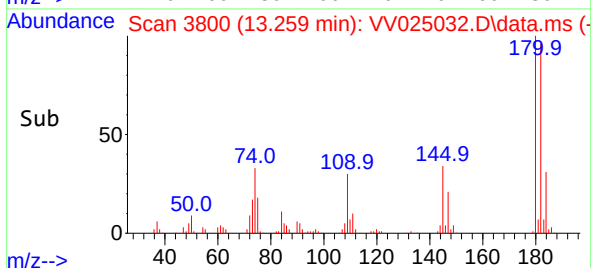
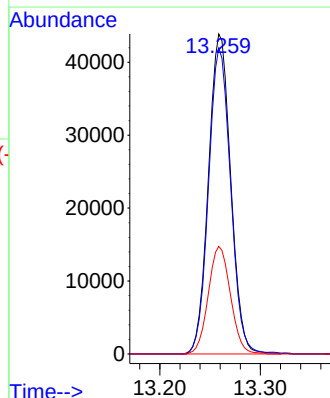
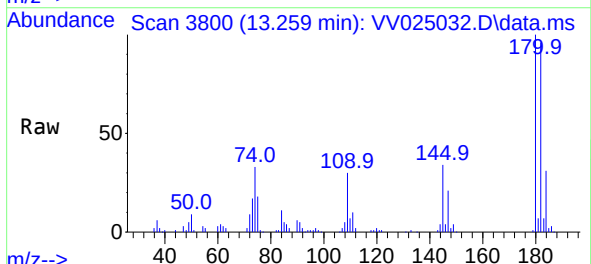
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDB4MSD

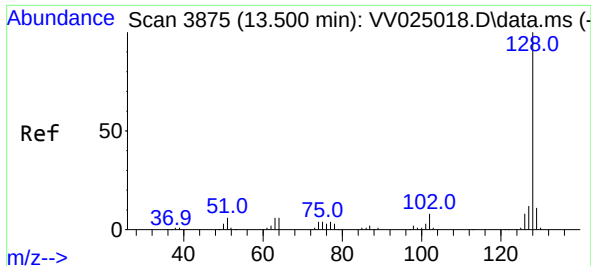
Tgt Ion:180	Resp:	84331
Ion	Ratio	Lower Upper
180	100	
182	95.5	75.4 113.0
184	29.7	24.2 36.4
145	33.2	25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.975 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025032.D
 Acq: 16 Mar 2022 05:29

Tgt Ion:180	Resp:	67323
Ion	Ratio	Lower Upper
180	100	
182	94.7	74.6 112.0
145	33.5	26.1 39.1

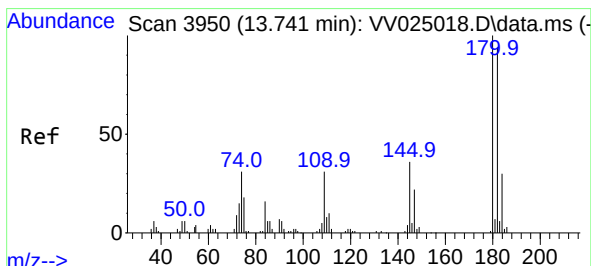
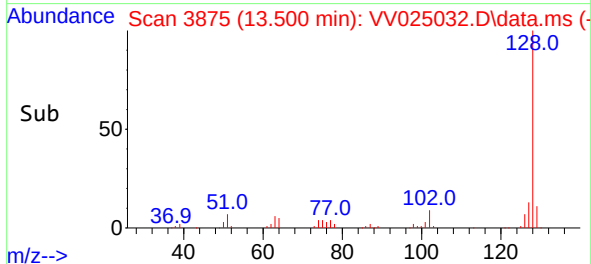
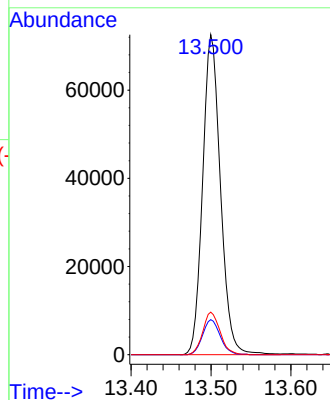
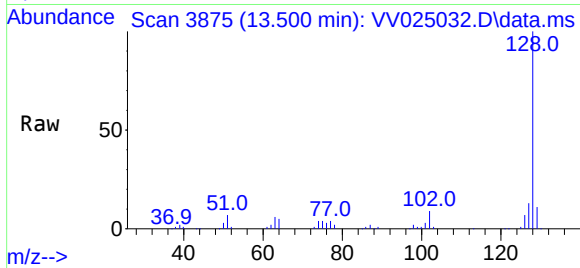




#71
Naphthalene
Concen: 5.013 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Instrument :
MSVOA_V
ClientSampleId :
GBDB4MSD

Tgt Ion:	128	Resp:	112642
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.5	12.7
127	12.9	9.8	14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.052 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025032.D
Acq: 16 Mar 2022 05:29

Tgt Ion:	180	Resp:	57933
Ion Ratio	Lower	Upper	
180	100		
182	94.8	74.8	112.2
145	35.0	27.6	41.4

