

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043446.D
 Acq On : 30 Apr 2021 00:05
 Operator : SY/MD
 Sample : M2197-14MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YARH8MSD

Quant Time: Apr 30 08:35:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 08:34:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	90596	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	89567	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	46694	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	19610	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.919	69	20449	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.575	65	12217	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	4.642	46	110094	54.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.98%
24) Chloroform-d	5.073	84	60988	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.710	65	36538	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.735	84	103746	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.700	67	37026	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.906	98	95326	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloroprop...	8.185	79	13336	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.642	63	68889	45.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.46%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	30754	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	34885	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	32135	5.53	ug/L	98
3) Chloromethane	1.523	50	32633	5.71	ug/L	96
5) Vinyl chloride	1.607	62	31066	5.22	ug/L	98
6) Bromomethane	1.861	94	15874	4.47	ug/L	100
8) Chloroethane	1.938	64	20570	4.80	ug/L	99
9) Trichlorofluoromethane	2.144	101	52767	4.76	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	30414	5.08	ug/L	98
12) 1,1-Dichloroethene	2.584	96	30638	6.08	ug/L	78
13) Acetone	2.649	43	82227	55.38	ug/L	# 65
14) Carbon disulfide	2.800	76	65191	5.08	ug/L	96
15) Methyl Acetate	2.964	43	15144	5.42	ug/L	# 83
16) Methylene chloride	3.054	84	32031	4.92	ug/L	81
17) Methyl tert-butyl Ether	3.372	73	76205	4.63	ug/L	# 90
18) trans-1,2-Dichloroethene	3.362	96	27308	5.09	ug/L	87
19) 1,1-Dichloroethane	3.880	63	65559	5.61	ug/L	98
21) 2-Butanone	4.719	43	130711	53.34	ug/L	81
22) cis-1,2-Dichloroethene	4.677	96	41170	6.48	ug/L	87
23) Bromochloromethane	4.983	128	14792	5.10	ug/L	# 70
25) Chloroform	5.099	83	77334	6.20	ug/L	99

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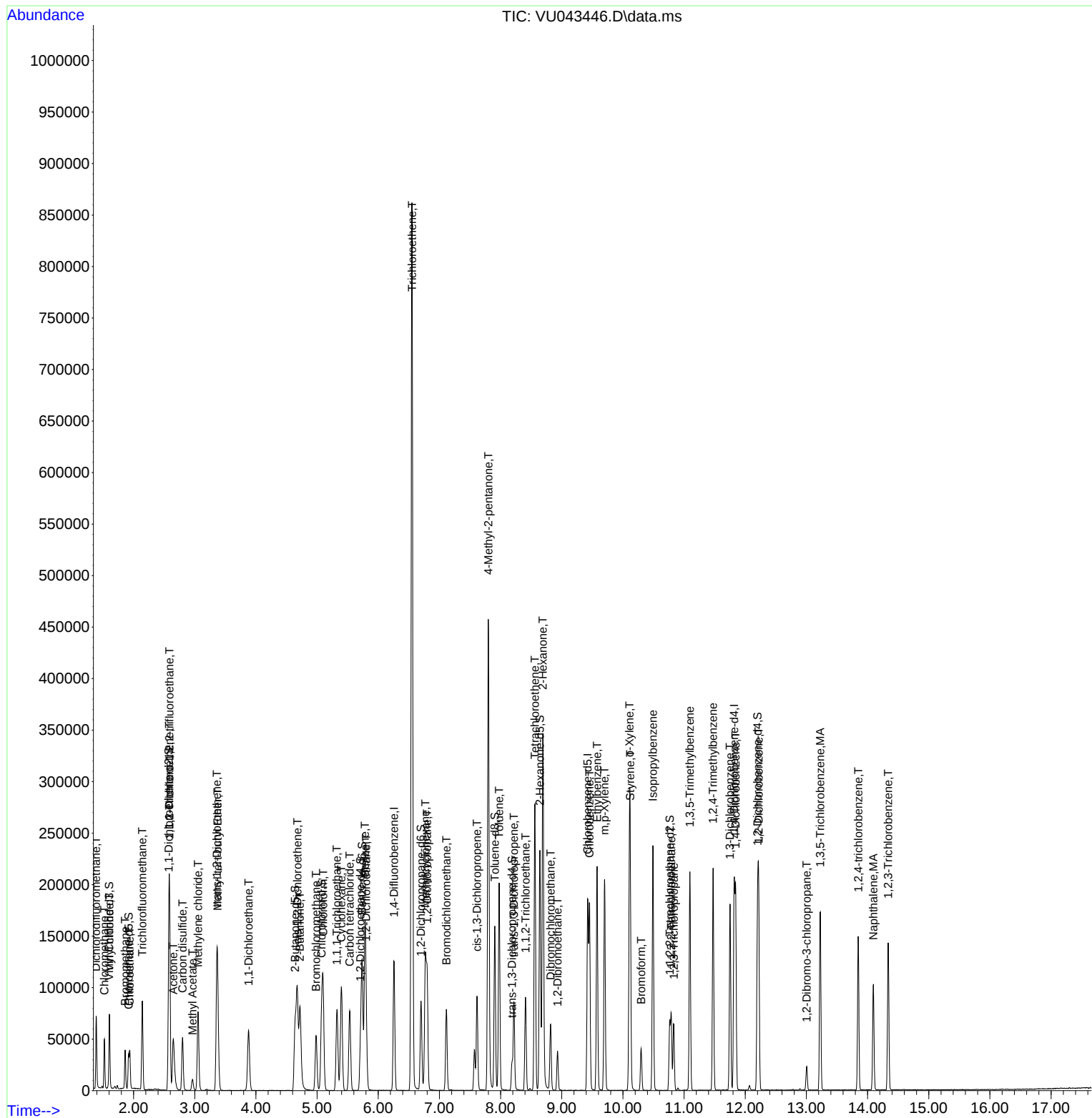
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	47926	5.24	ug/L #	93
29) 1,1,1-Trichloroethane	5.324	97	54445	4.92	ug/L #	91
30) Cyclohexane	5.398	56	45673	4.82	ug/L #	83
31) Carbon tetrachloride	5.533	117	49803	5.40	ug/L	97
33) Benzene	5.784	78	125916	5.26	ug/L	100
34) Trichloroethene	6.552	95	281922	42.74	ug/L	93
35) Methylcyclohexane	6.771	83	42618	4.67	ug/L #	85
37) 1,2-Dichloropropane	6.800	63	37013	5.49	ug/L	98
38) Bromodichloromethane	7.115	83	49240	5.44	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	46777	4.75	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	313715	52.01	ug/L #	83
42) Toluene	7.976	91	134317	5.02	ug/L	97
44) trans-1,3-Dichloropropene	8.217	75	42579	4.59	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	25302	5.02	ug/L	93
47) Tetrachloroethene	8.562	164	57864	11.06	ug/L	98
48) 2-Hexanone	8.690	43	238092	53.64	ug/L #	82
49) Dibromochloromethane	8.819	129	30959	4.87	ug/L	94
50) 1,2-Dibromoethane	8.931	107	23324	4.65	ug/L #	97
51) Chlorobenzene	9.452	112	83035	4.87	ug/L	93
52) Ethylbenzene	9.578	91	140959	4.60	ug/L	96
53) m,p-Xylene	9.700	106	51525	4.60	ug/L	86
54) o-Xylene	10.108	106	49403	4.45	ug/L	83
55) Styrene	10.121	104	69299	3.64	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.790	83	34511	5.21	ug/L	98
59) Bromoform	10.298	173	17274	4.53	ug/L #	98
60) Isopropylbenzene	10.491	105	136109	4.54	ug/L #	97
61) 1,2,3-Trichloropropane	10.832	75	25182	5.22	ug/L	96
62) 1,3,5-Trimethylbenzene	11.095	105	107101	4.37	ug/L	95
63) 1,2,4-Trimethylbenzene	11.475	105	106974	4.25	ug/L	95
64) 1,3-Dichlorobenzene	11.751	146	65812	4.63	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	65754	4.56	ug/L	97
67) 1,2-Dichlorobenzene	12.221	146	64858	4.70	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	5906	5.03	ug/L	82
69) 1,3,5-Trichlorobenzene	13.227	180	49651	4.26	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	41423	4.29	ug/L	99
71) Naphthalene	14.095	128	76547	4.70	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	39990	4.52	ug/L	97

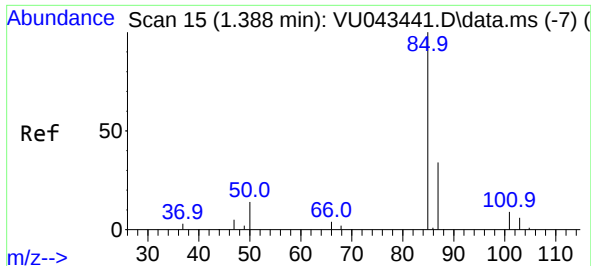
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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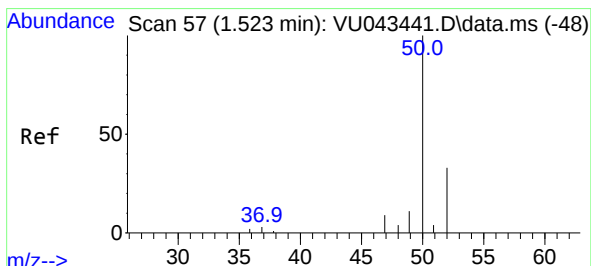
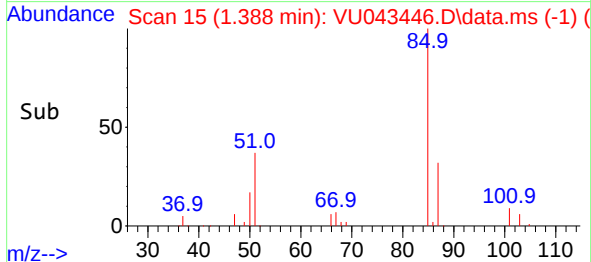
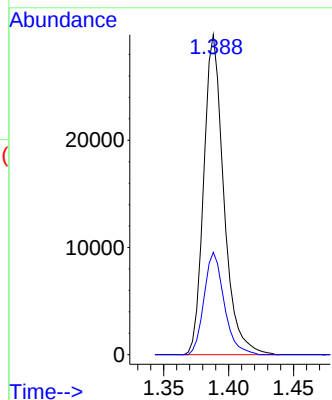
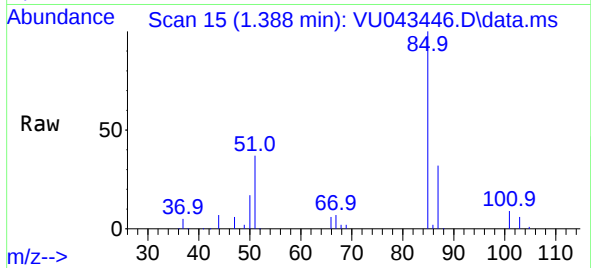




#2
Dichlorodifluoromethane
Concen: 5.53 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

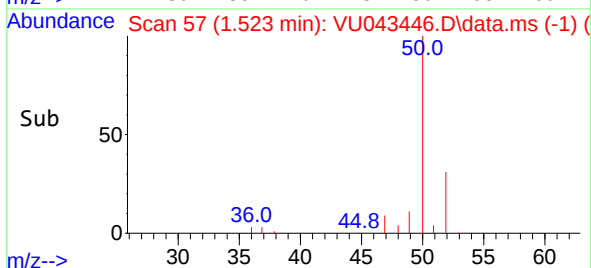
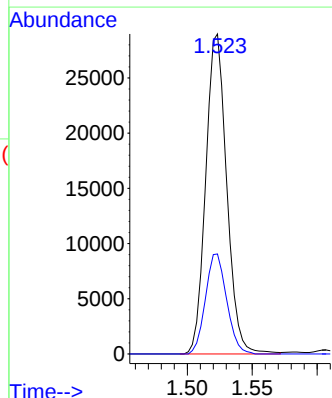
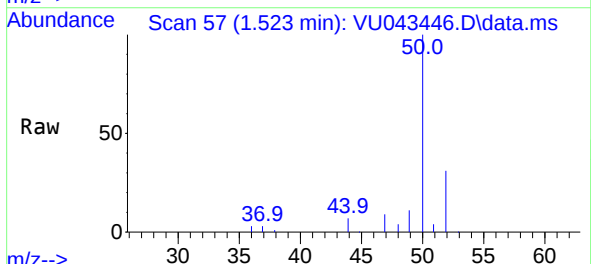
Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

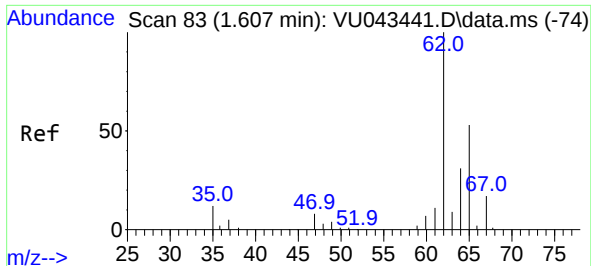
Tgt Ion: 85 Resp: 32135
Ion Ratio Lower Upper
85 100
87 32.0 26.3 39.5



#3
Chloromethane
Concen: 5.71 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion: 50 Resp: 32633
Ion Ratio Lower Upper
50 100
52 31.2 23.6 43.8

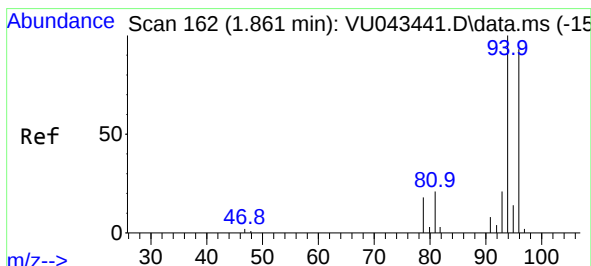
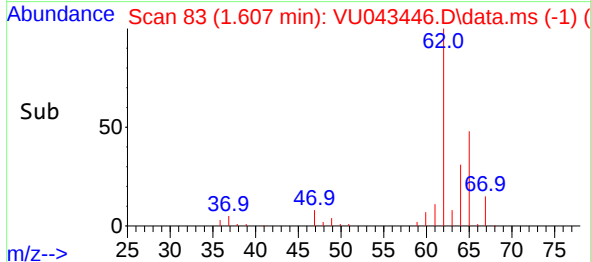
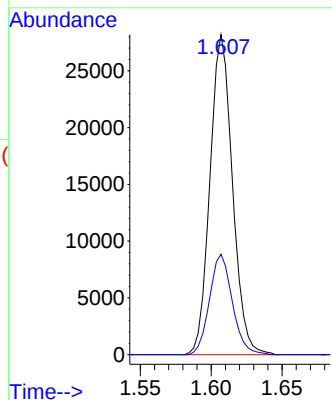
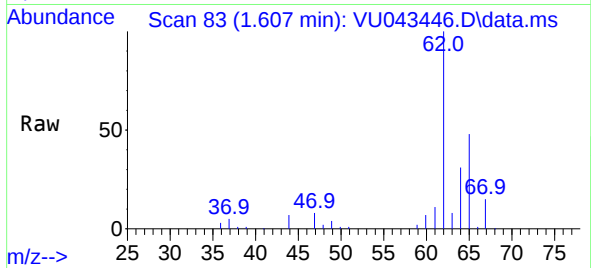




#5
 Vinyl chloride
 Concen: 5.22 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043446.D
 Acq: 30 Apr 2021 00:05

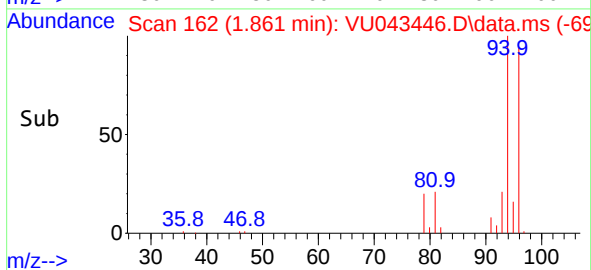
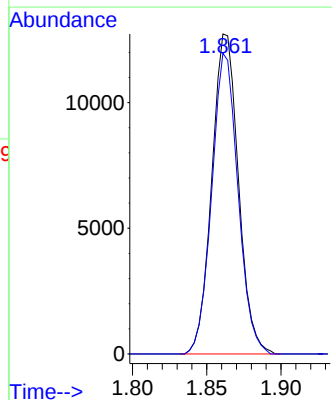
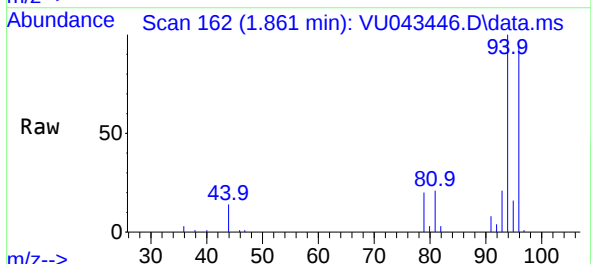
Instrument :
 MSVOA_U
 ClientSampled :
 YARH8MSD

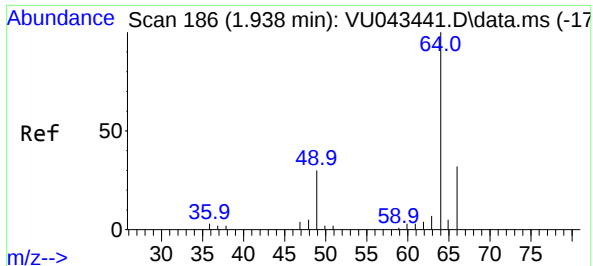
Tgt Ion: 62 Resp: 31066
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.8 42.4



#6
 Bromomethane
 Concen: 4.47 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU043446.D
 Acq: 30 Apr 2021 00:05

Tgt Ion: 94 Resp: 15874
 Ion Ratio Lower Upper
 94 100
 96 94.0 66.1 122.7

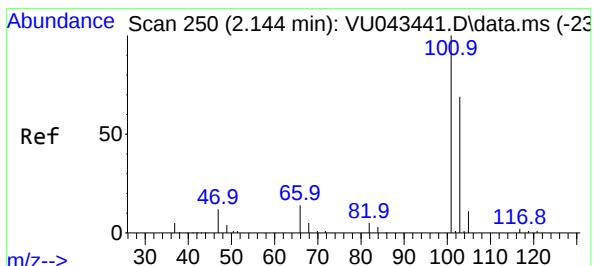
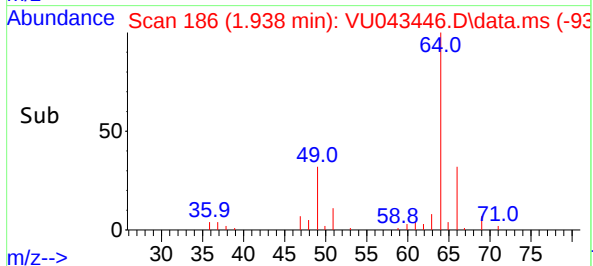
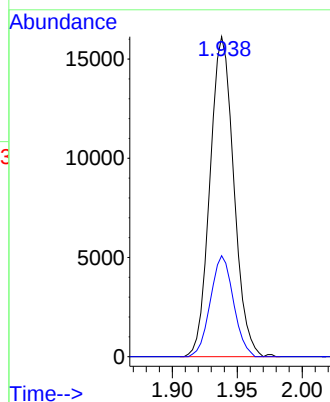
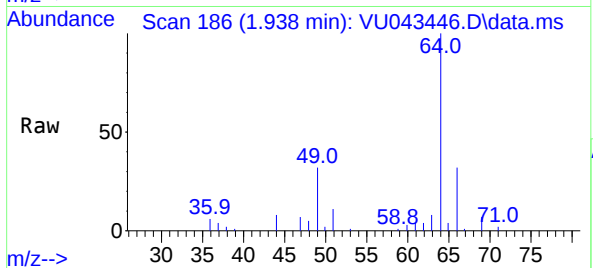




#8
Chloroethane
Concen: 4.80 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

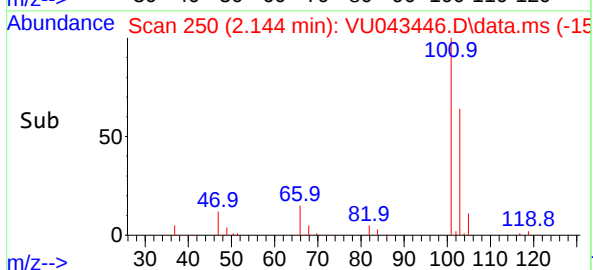
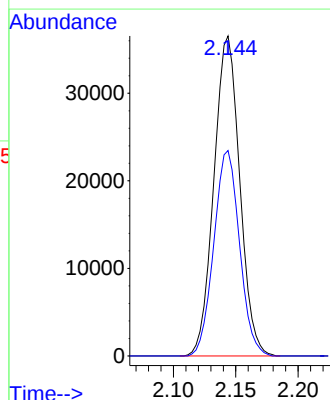
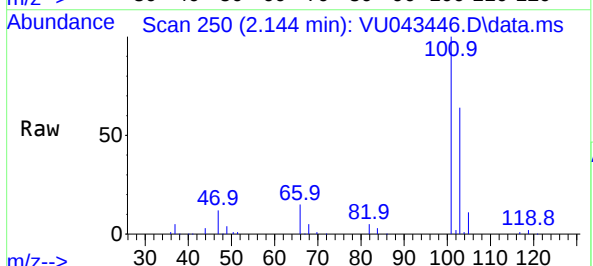
Instrument :
MSVOA_U
ClientSampled :
YARH8MSD

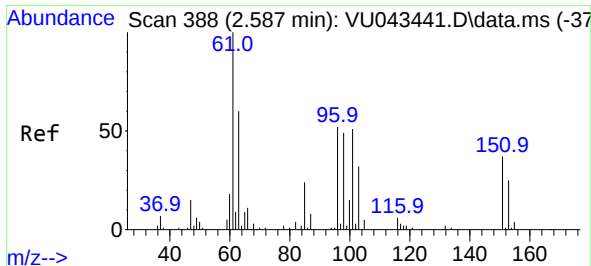
Tgt Ion: 64 Resp: 20570
Ion Ratio Lower Upper
64 100
66 31.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.76 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion:101 Resp: 52767
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

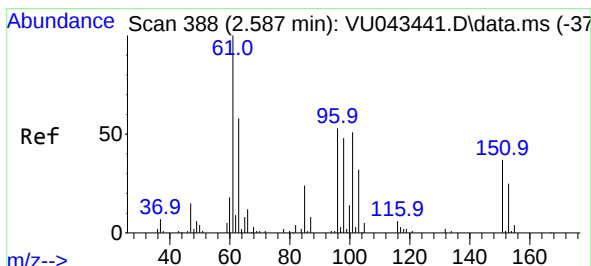
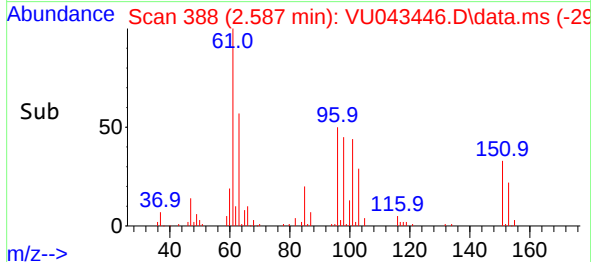
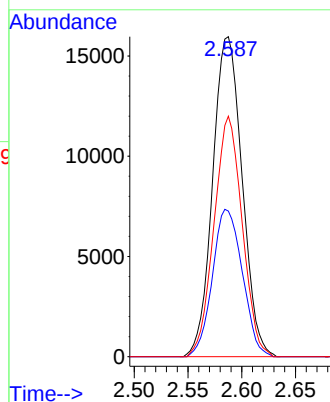
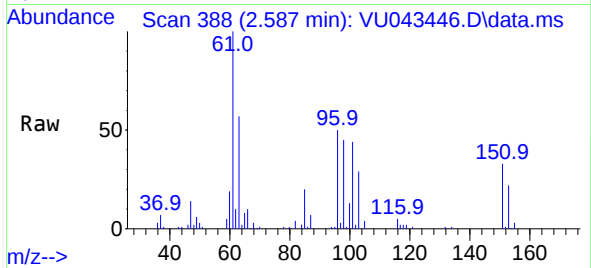




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.08 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

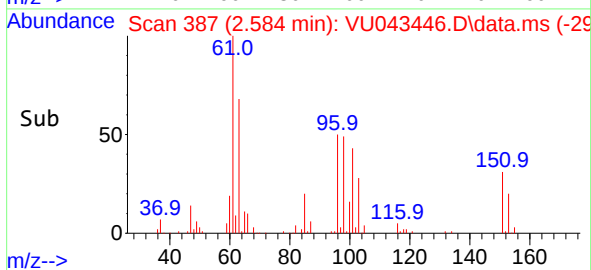
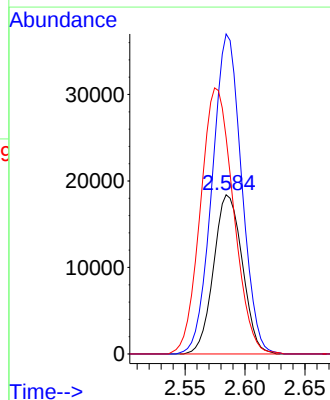
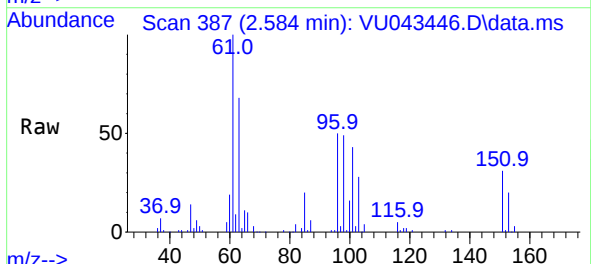
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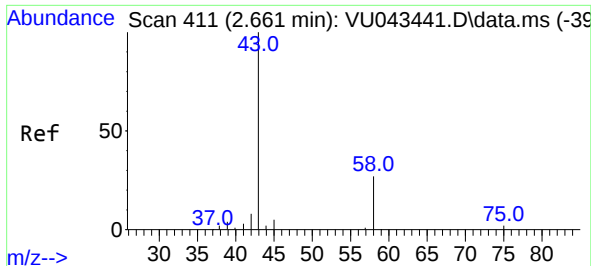
Tgt Ion:101 Resp: 30414
Ion Ratio Lower Upper
101 100
85 46.8 34.5 51.7
151 72.0 57.4 86.2



#12
1,1-Dichloroethene
Concen: 6.08 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion: 96 Resp: 30638
Ion Ratio Lower Upper
96 100
61 201.1 115.1 213.7
63 136.1 84.1 156.1





#13

Acetone

Concen: 55.38 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.013 min

Lab File: VU043446.D

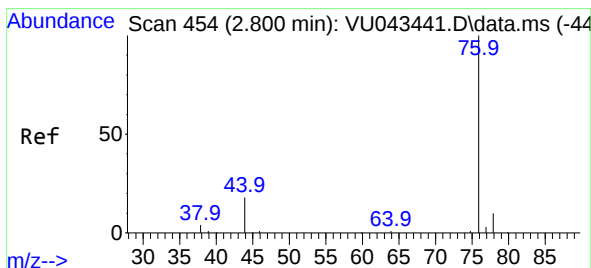
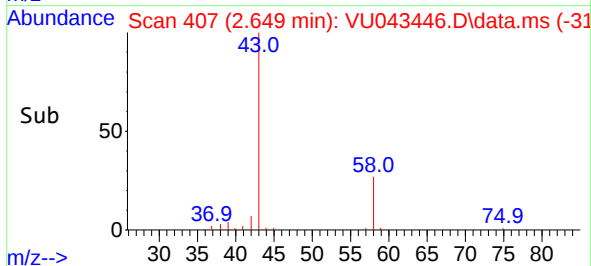
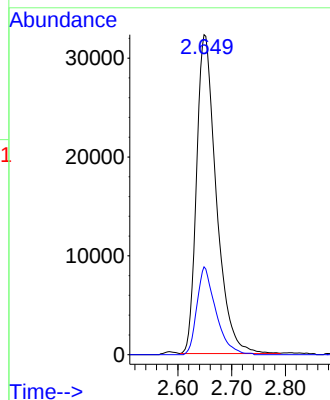
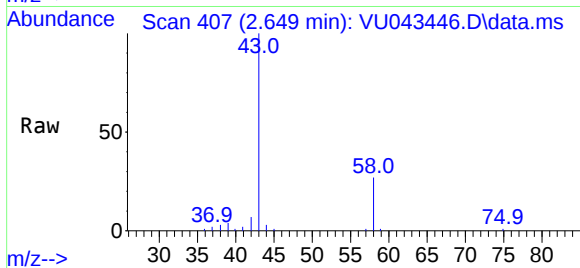
Acq: 30 Apr 2021 00:05

Tgt Ion: 43 Resp: 82227

Ion Ratio Lower Upper

43 100

58 26.4 0.0 25.0#



#14

Carbon disulfide

Concen: 5.08 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU043446.D

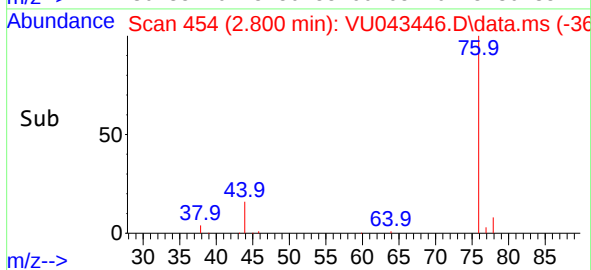
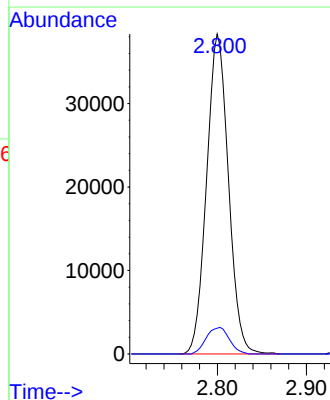
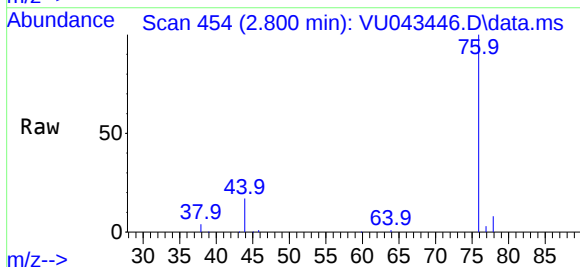
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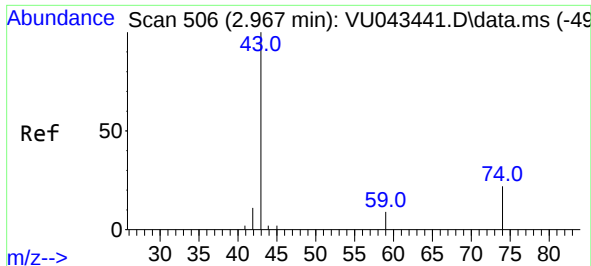
Tgt Ion: 76 Resp: 65191

Ion Ratio Lower Upper

76 100

78 8.1 7.5 11.3

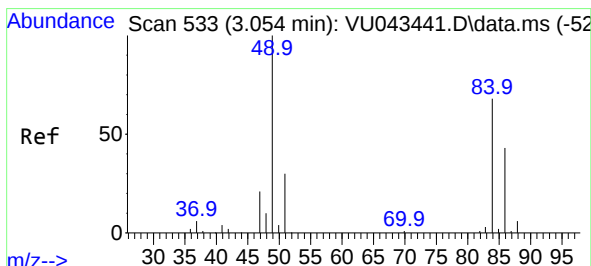
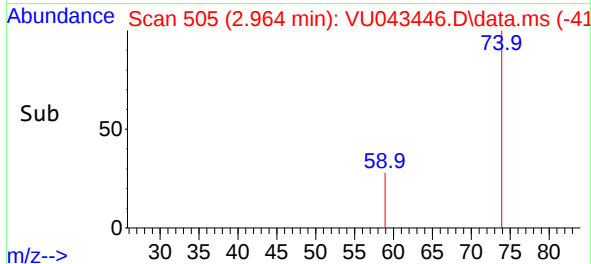
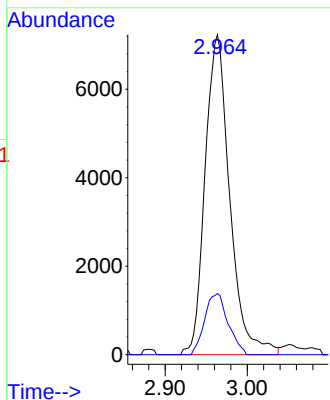
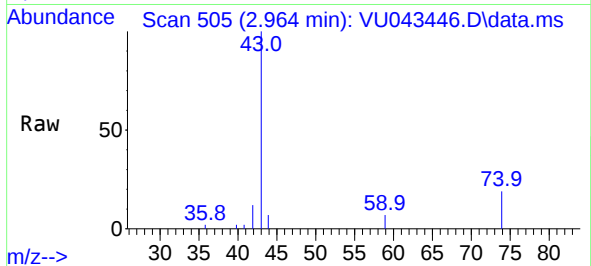




#15
Methyl Acetate
Concen: 5.42 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.003 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

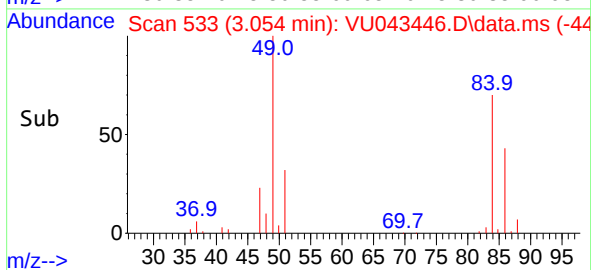
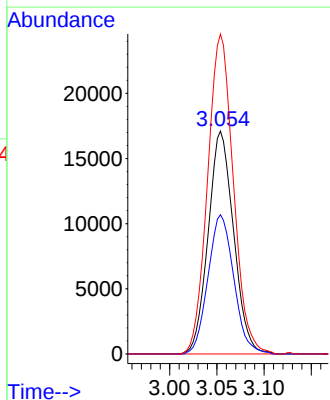
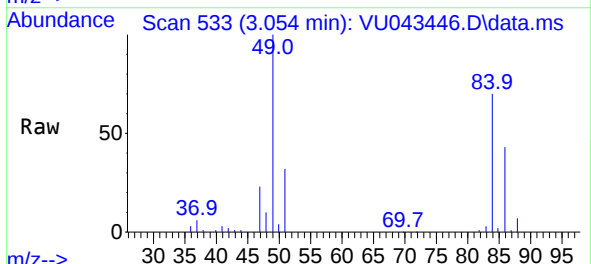
Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

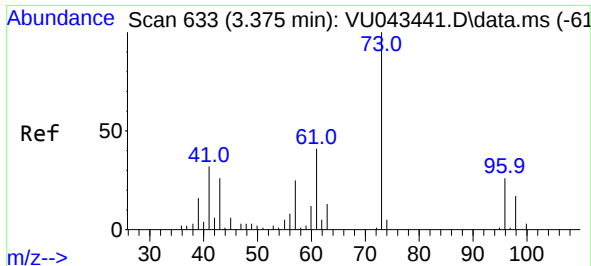
Tgt Ion: 43 Resp: 15144
Ion Ratio Lower Upper
43 100
74 18.1 21.5 32.3#



#16
Methylene chloride
Concen: 4.92 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion: 84 Resp: 32031
Ion Ratio Lower Upper
84 100
86 62.4 44.9 83.5
49 143.5 79.0 146.8



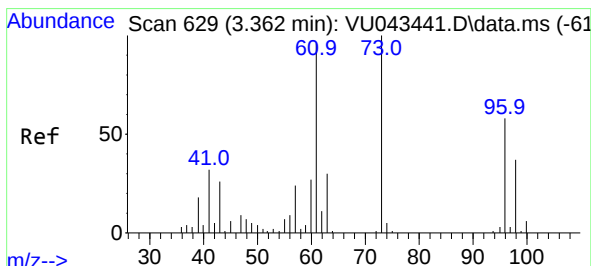
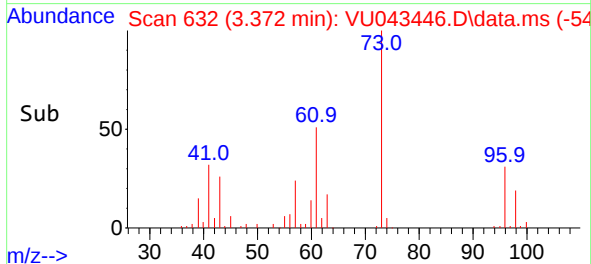
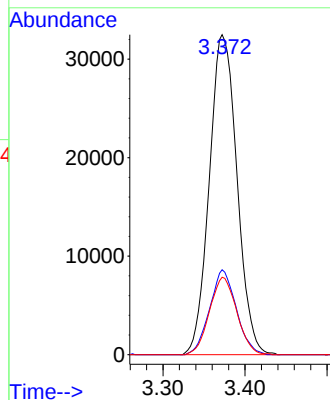
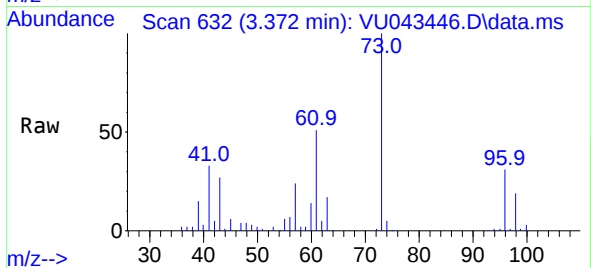


#17

Methyl tert-butyl Ether
Concen: 4.63 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

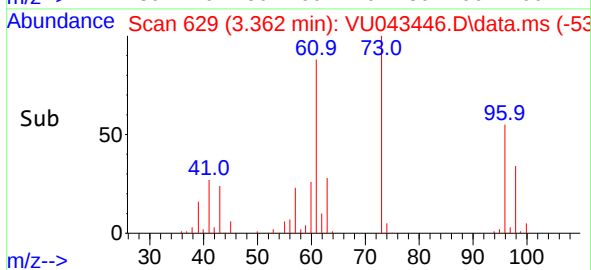
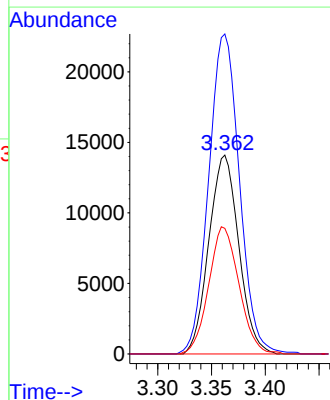
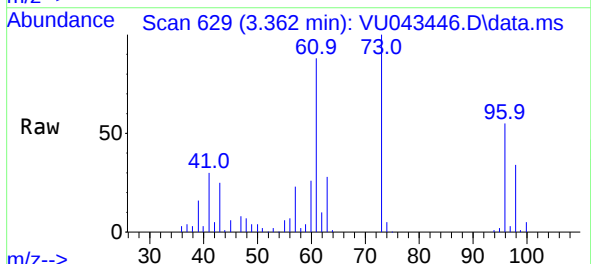
Tgt Ion: 73 Resp: 76205
Ion Ratio Lower Upper
73 100
43 25.5 15.0 22.4#
57 23.9 17.3 25.9

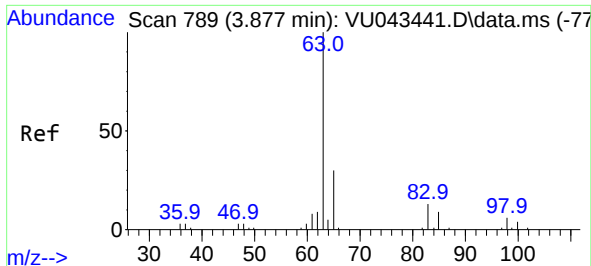


#18

trans-1,2-Dichloroethene
Concen: 5.09 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion: 96 Resp: 27308
Ion Ratio Lower Upper
96 100
61 161.0 96.6 179.4
98 63.1 44.7 82.9

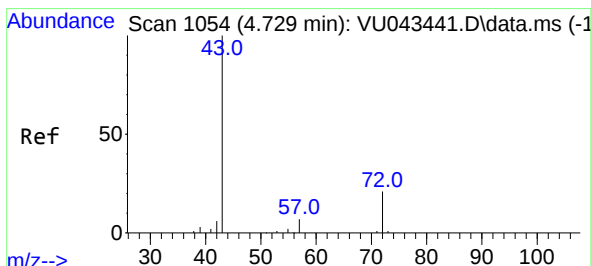
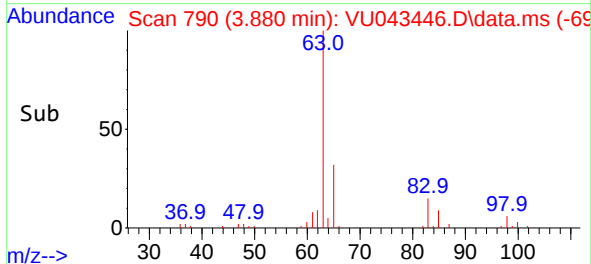
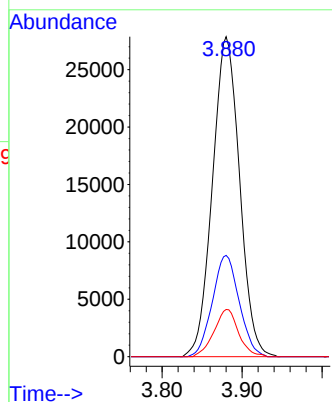
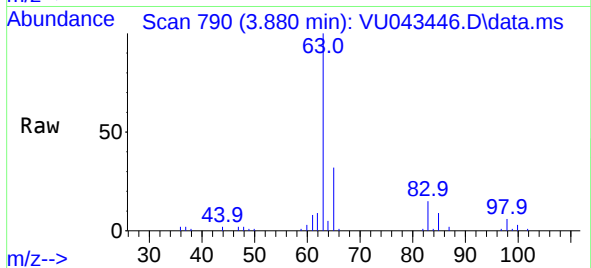




#19
1,1-Dichloroethane
Concen: 5.61 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

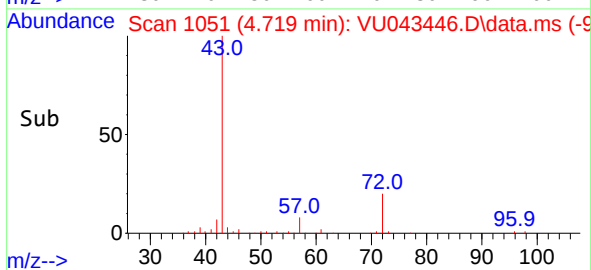
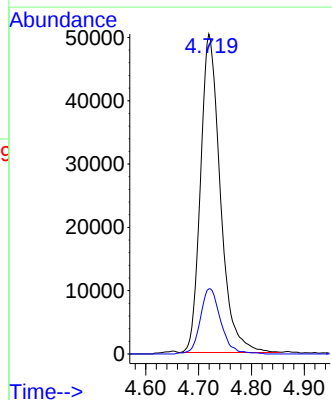
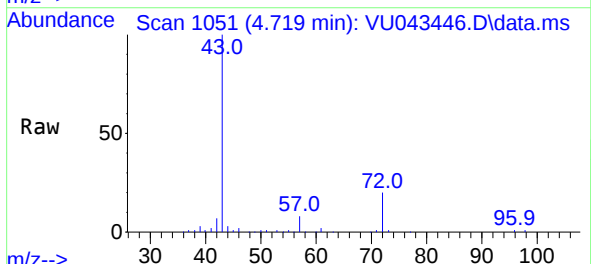
Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

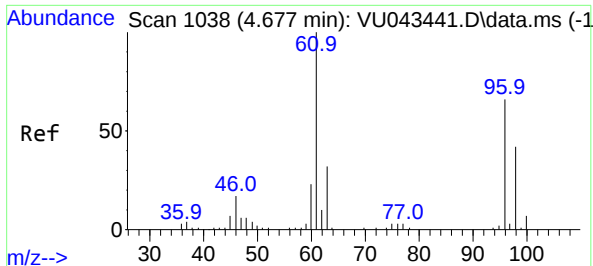
Tgt Ion:	63	Resp:	65559
Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.2	43.0
83	14.7	9.9	18.3



#21
2-Butanone
Concen: 53.34 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. -0.010 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion:	43	Resp:	130711
Ion	Ratio	Lower	Upper
43	100		
72	21.1	15.8	47.3





#22

cis-1,2-Dichloroethene

Concen: 6.48 ug/L

RT: 4.677 min Scan# 1038

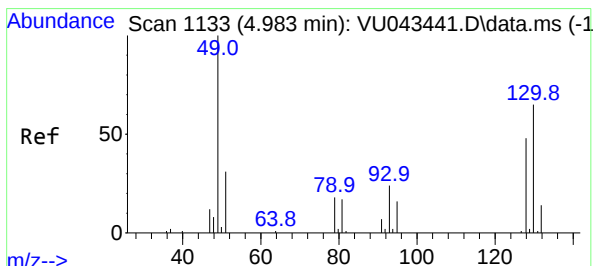
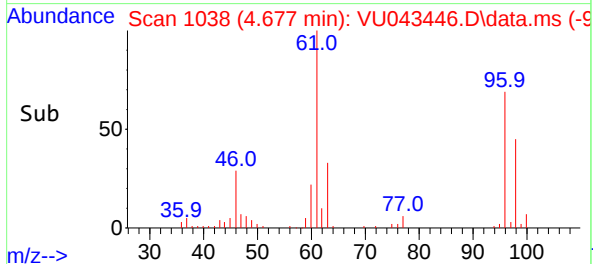
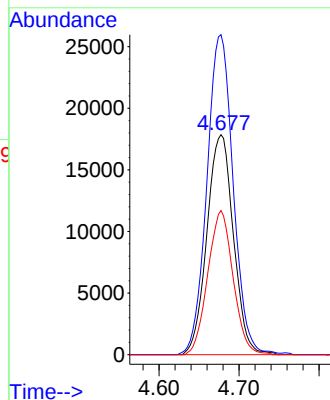
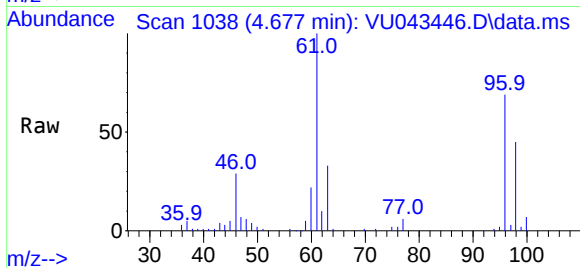
Delta R.T. 0.000 min

Lab File: VU043446.D

Acq: 30 Apr 2021 00:05

Tgt Ion: 96 Resp: 41170

Ion	Ratio	Lower	Upper
96	100		
61	145.5	87.4	162.4
98	65.6	47.7	88.5



#23

Bromochloromethane

Concen: 5.10 ug/L

RT: 4.983 min Scan# 1133

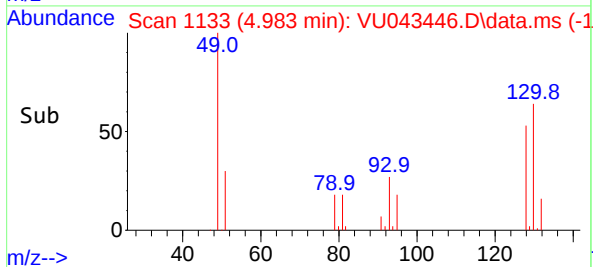
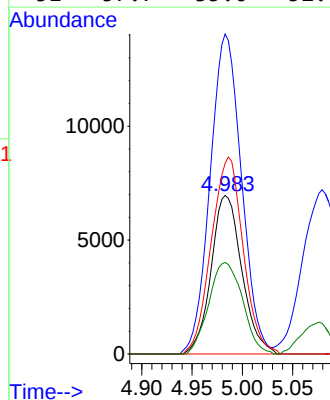
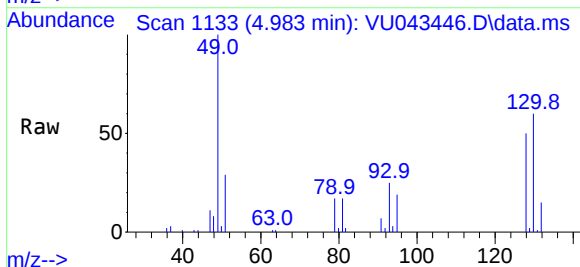
Delta R.T. 0.000 min

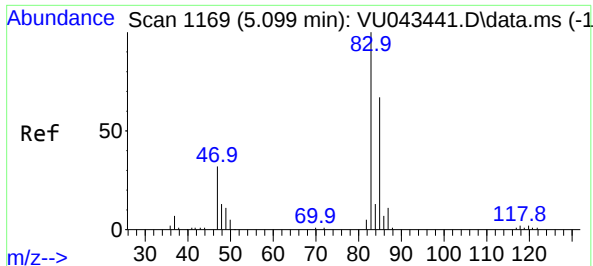
Lab File: VU043446.D

Acq: 30 Apr 2021 00:05

Tgt Ion: 128 Resp: 14792

Ion	Ratio	Lower	Upper
128	100		
49	201.8	96.4	179.0#
130	120.3	91.2	169.4
51	57.7	35.0	52.6#



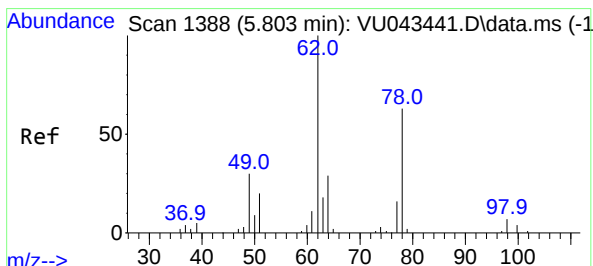
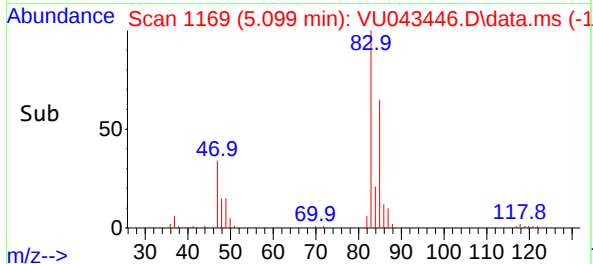
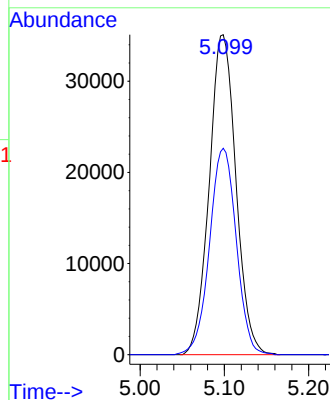
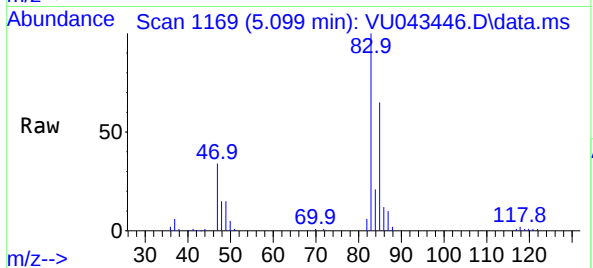


#25

Chloroform
Concen: 6.20 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

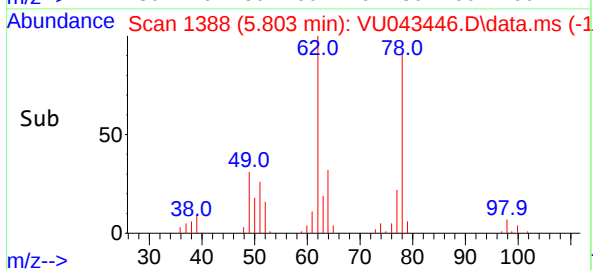
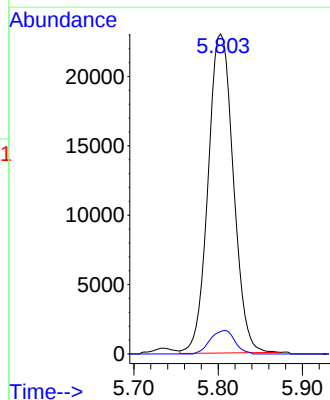
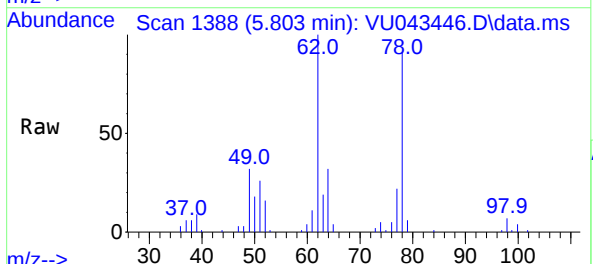
Tgt Ion: 83 Resp: 77334
Ion Ratio Lower Upper
83 100
85 64.5 45.6 84.8

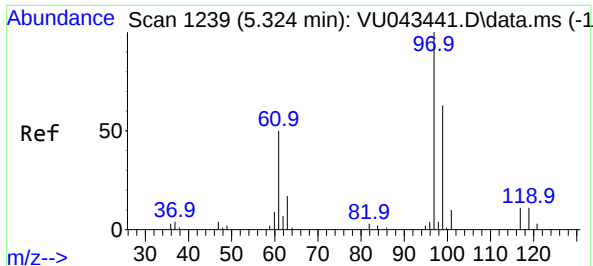


#27

1,2-Dichloroethane
Concen: 5.24 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion: 62 Resp: 47926
Ion Ratio Lower Upper
62 100
98 7.0 7.5 11.3#

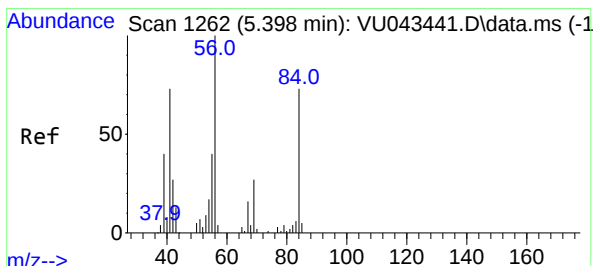
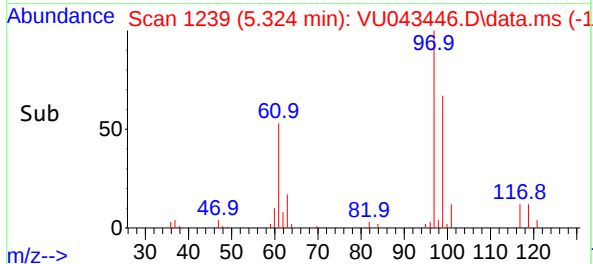
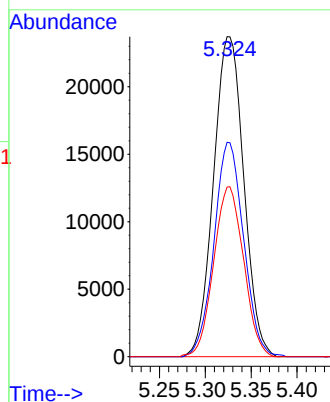
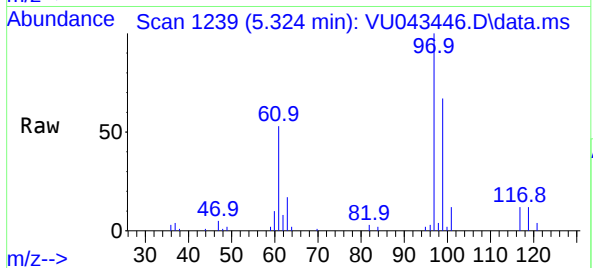




#29
1,1,1-Trichloroethane
Concen: 4.92 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

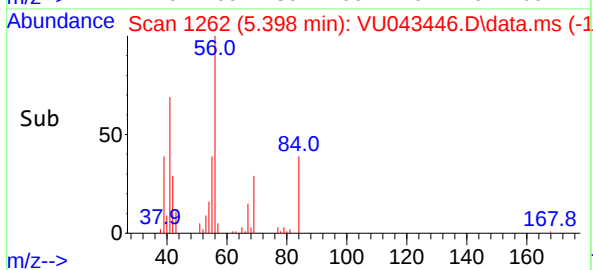
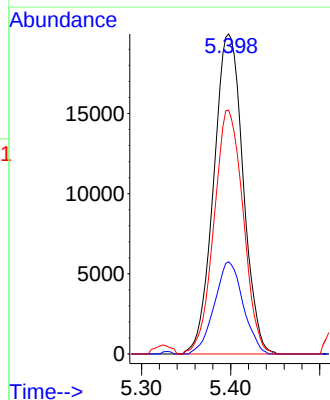
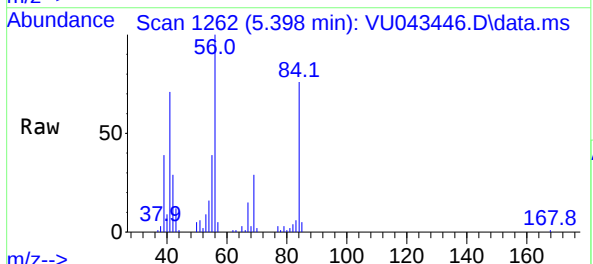
Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

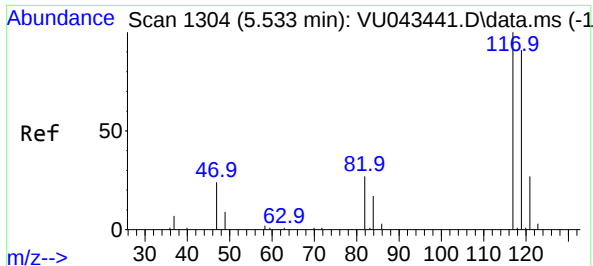
Tgt Ion: 97 Resp: 54445
Ion Ratio Lower Upper
97 100
99 65.5 50.3 75.5
61 52.5 32.7 49.1#



#30
Cyclohexane
Concen: 4.82 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion: 56 Resp: 45673
Ion Ratio Lower Upper
56 100
69 28.2 25.2 37.8
84 75.6 76.2 114.4#

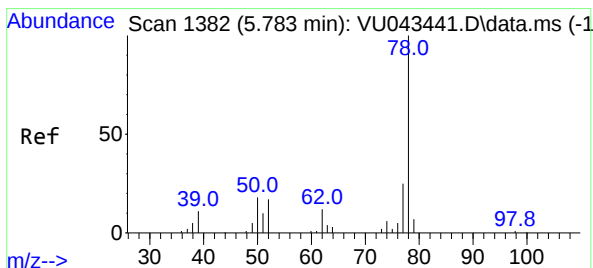
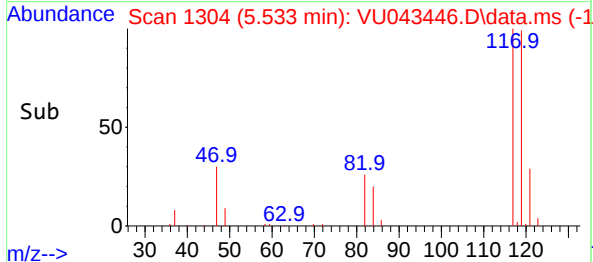
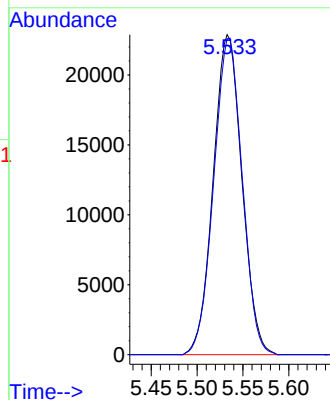
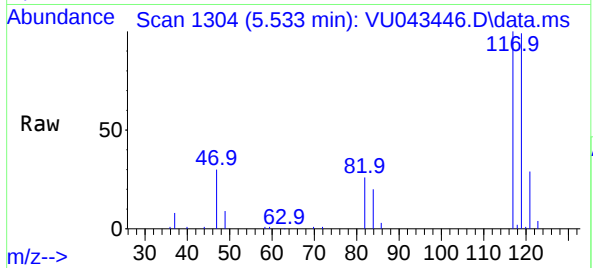




#31
Carbon tetrachloride
Concen: 5.40 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

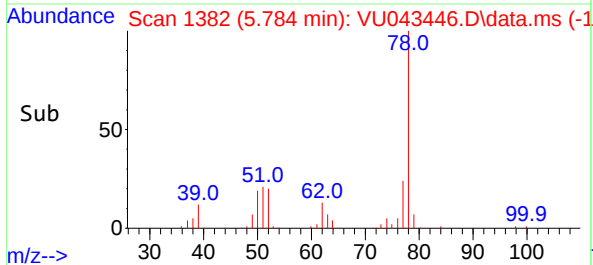
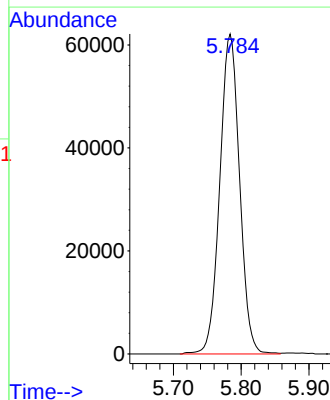
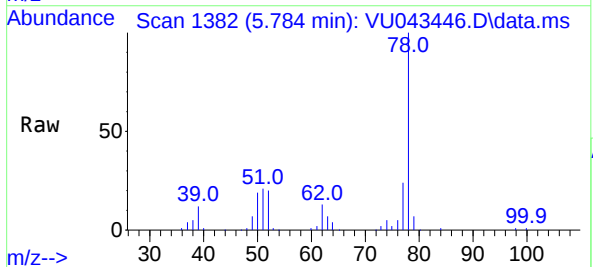
Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

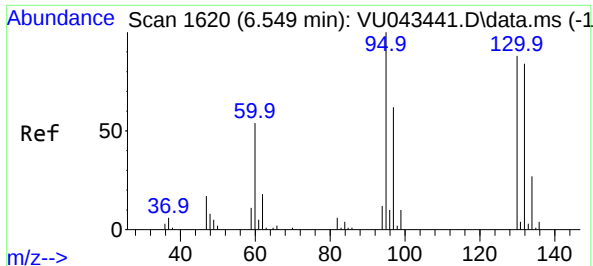
Tgt Ion:117 Resp: 49803
Ion Ratio Lower Upper
117 100
119 98.2 76.2 114.4



#33
Benzene
Concen: 5.26 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion: 78 Resp: 125916





#34

Trichloroethene

Concen: 42.74 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.003 min

Lab File: VU043446.D

Acq: 30 Apr 2021 00:05

Tgt Ion: 95 Resp: 281922

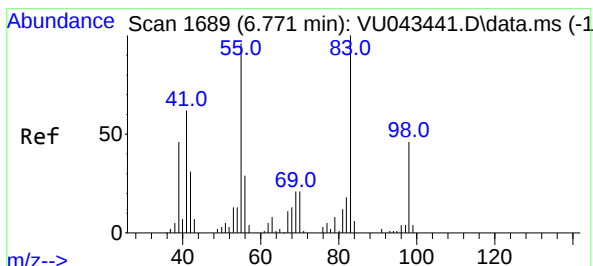
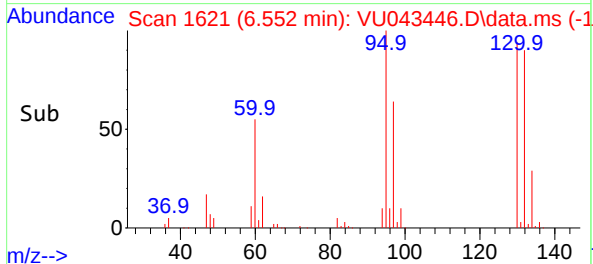
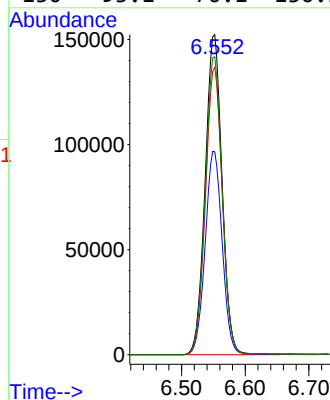
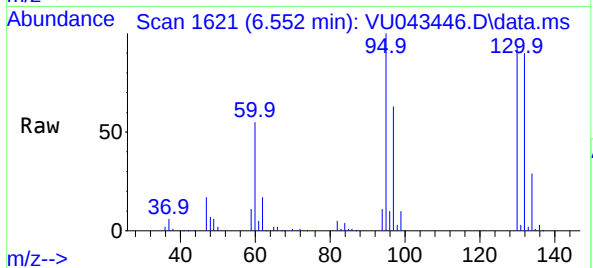
Ion Ratio Lower Upper

95 100

97 63.4 45.8 85.2

132 89.7 68.7 127.7

130 93.1 70.1 130.3



#35

Methylcyclohexane

Concen: 4.67 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VU043446.D

Acq: 30 Apr 2021 00:05

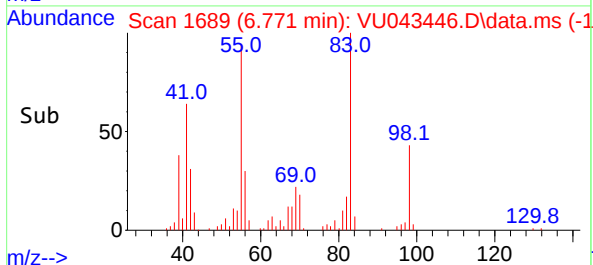
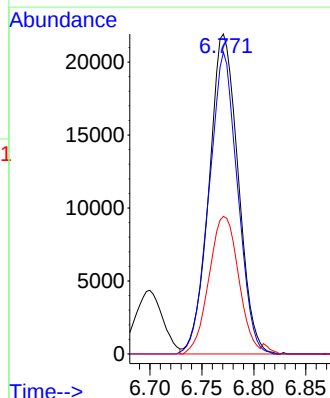
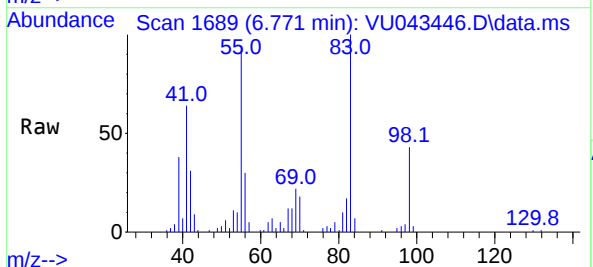
Tgt Ion: 83 Resp: 42618

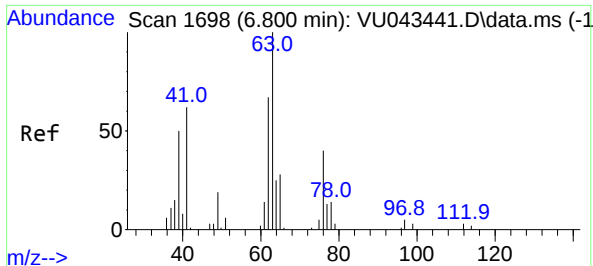
Ion Ratio Lower Upper

83 100

55 92.3 59.5 89.3#

98 43.9 37.9 56.9

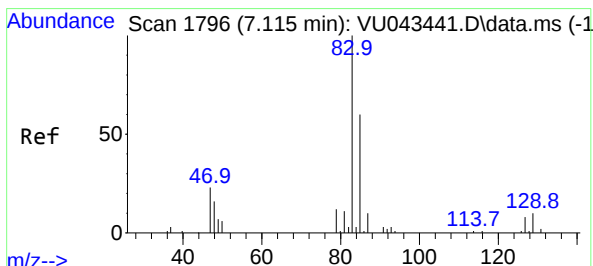
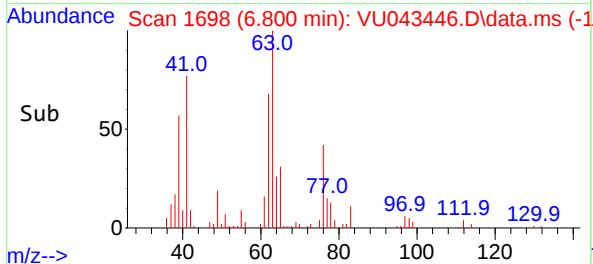
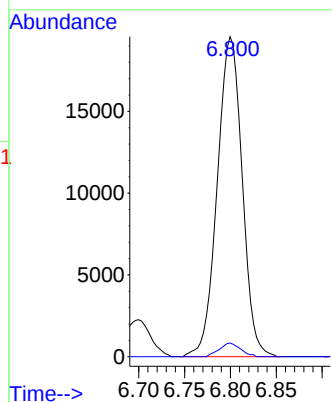
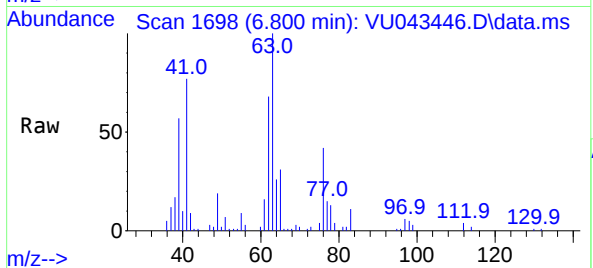




#37
1,2-Dichloropropane
Concen: 5.49 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

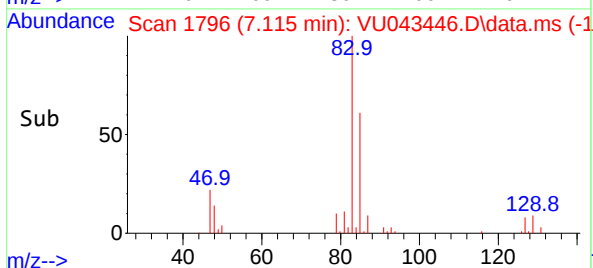
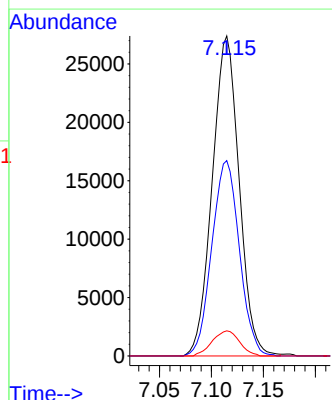
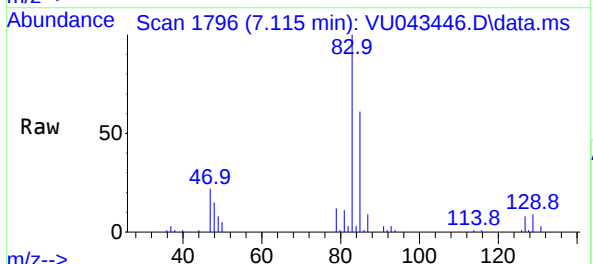
Instrument :
MSVOA_U
ClientSampled :
YARH8MSD

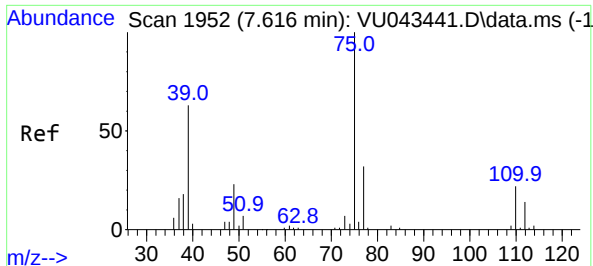
Tgt Ion: 63 Resp: 37013
Ion Ratio Lower Upper
63 100
112 3.6 3.5 5.3



#38
Bromodichloromethane
Concen: 5.44 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion: 83 Resp: 49240
Ion Ratio Lower Upper
83 100
85 61.0 44.6 82.8
127 7.8 7.4 11.2

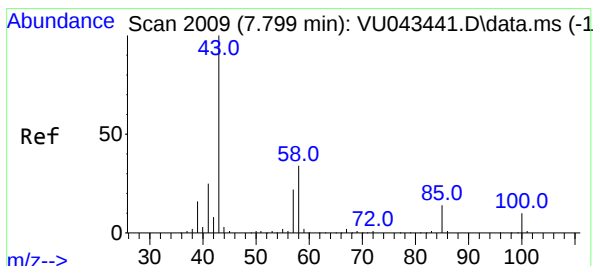
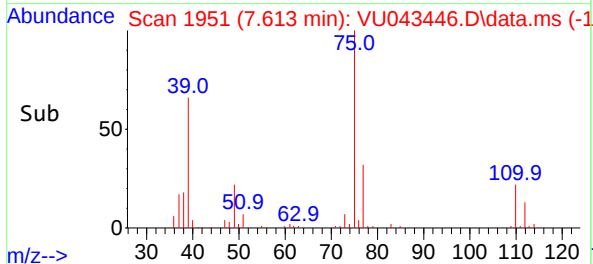
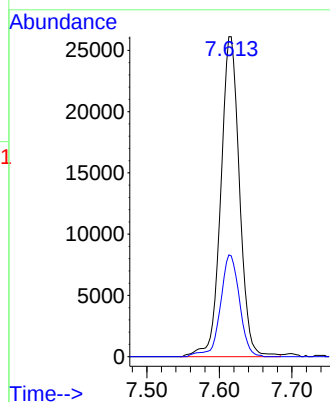
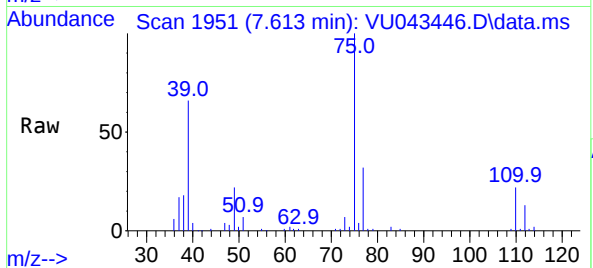




#39
cis-1,3-Dichloropropene
Concen: 4.75 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

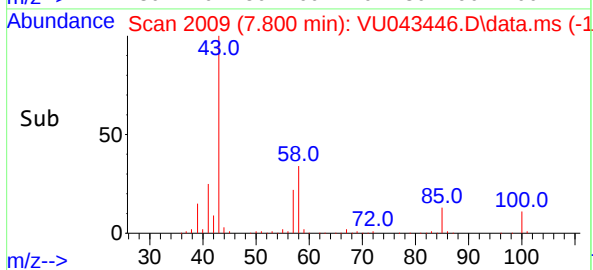
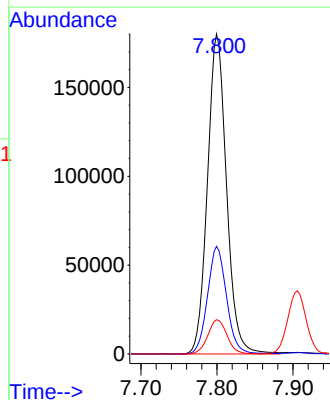
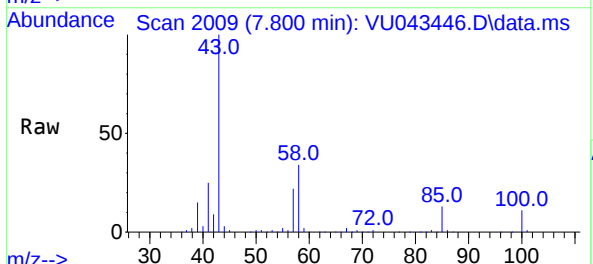
Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

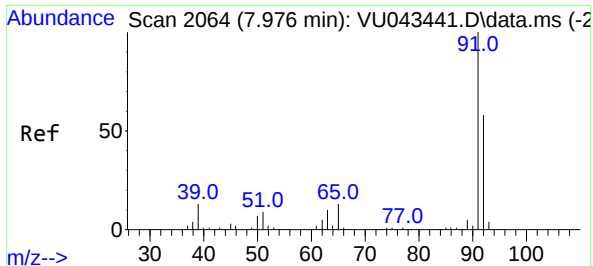
Tgt Ion: 75 Resp: 46777
Ion Ratio Lower Upper
75 100
77 31.8 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 52.01 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion: 43 Resp: 313715
Ion Ratio Lower Upper
43 100
58 33.6 35.8 53.6#
100 10.8 15.1 22.7#

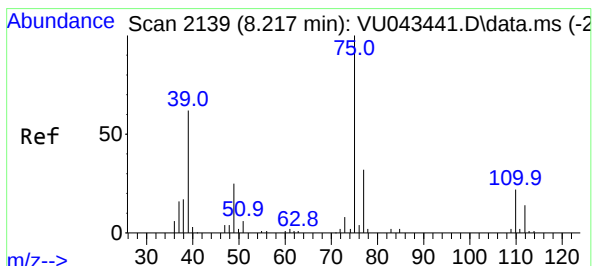
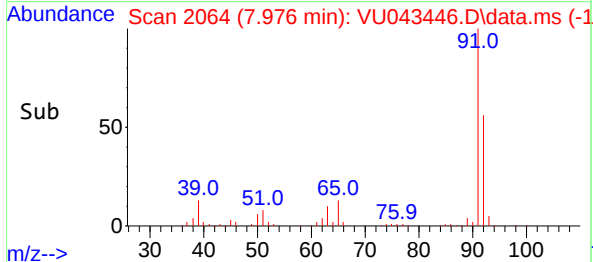
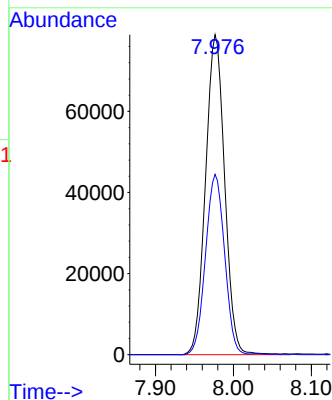
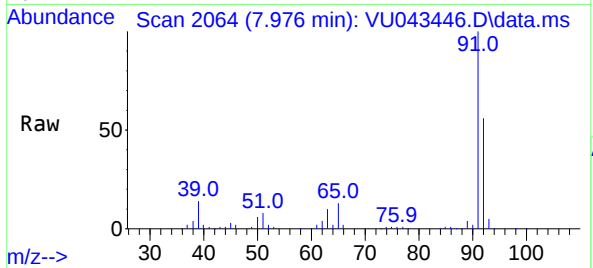




#42
Toluene
Concen: 5.02 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

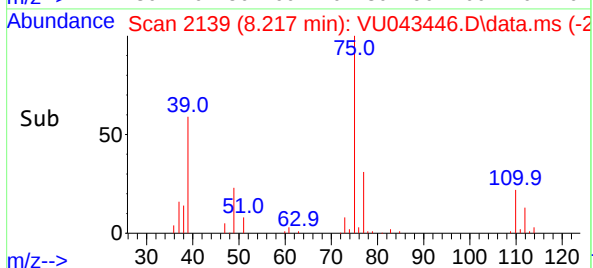
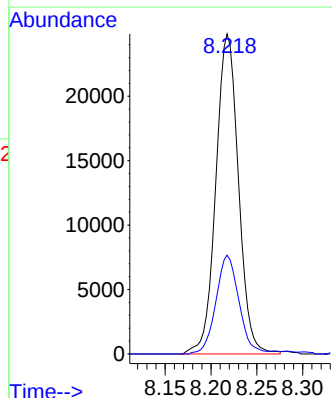
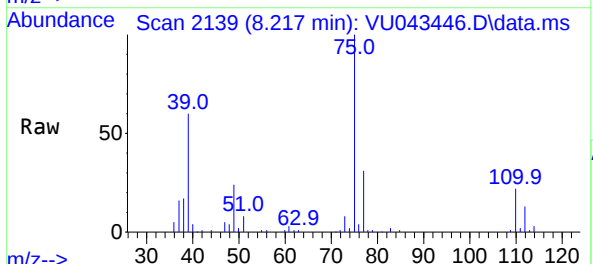
Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

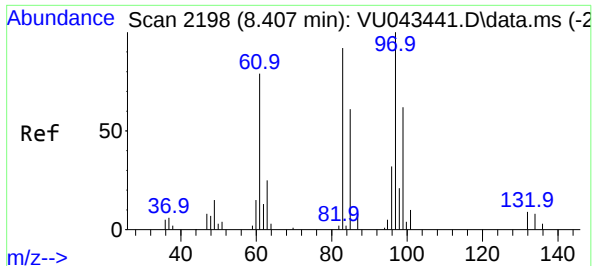
Tgt Ion: 91 Resp: 134317
Ion Ratio Lower Upper
91 100
92 56.3 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 4.59 ug/L
RT: 8.217 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion: 75 Resp: 42579
Ion Ratio Lower Upper
75 100
77 30.9 23.4 43.4



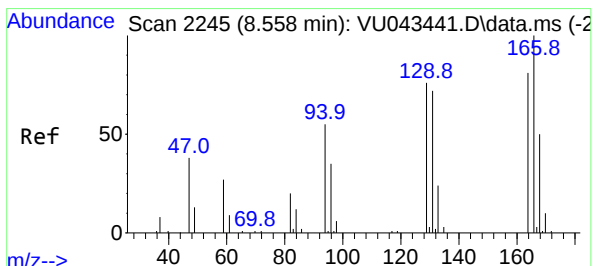
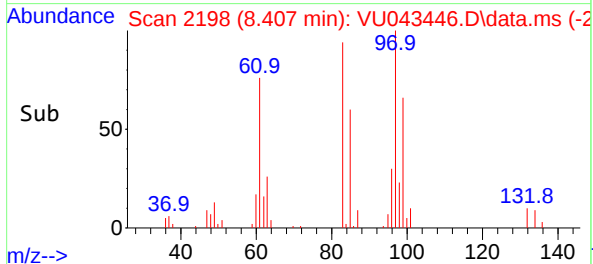
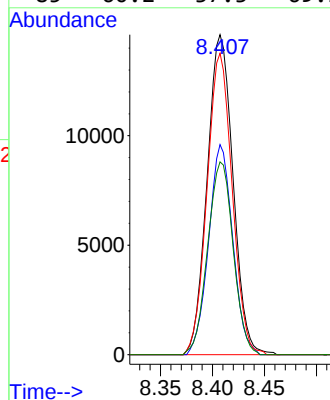
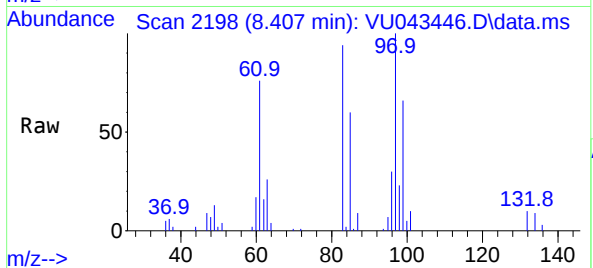


#45
1,1,2-Trichloroethane
Concen: 5.02 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

Tgt Ion: 97 Resp: 25302

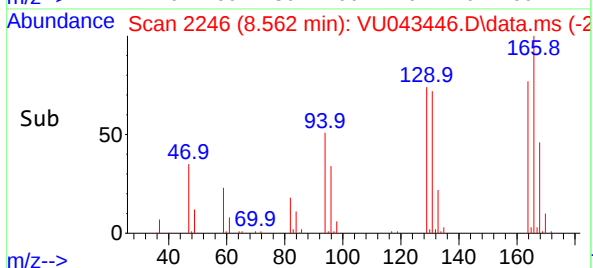
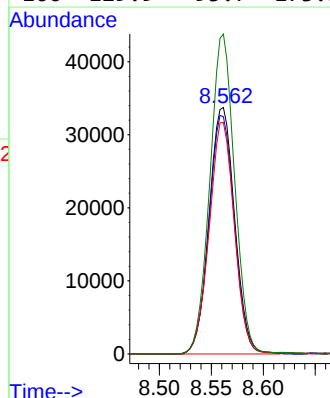
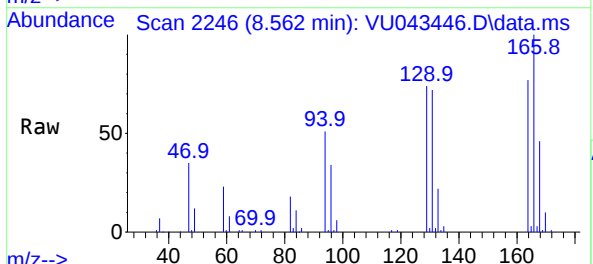
Ion	Ratio	Lower	Upper
97	100		
99	65.7	44.2	82.0
83	94.2	60.1	111.7
85	60.2	37.3	69.3

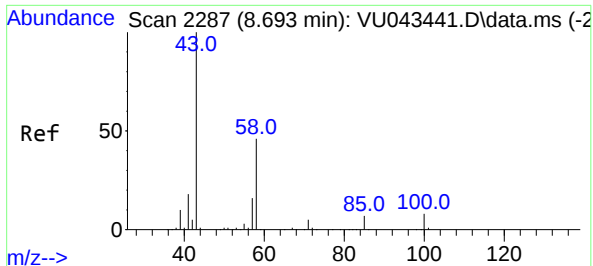


#47
Tetrachloroethene
Concen: 11.06 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion: 164 Resp: 57864

Ion	Ratio	Lower	Upper
164	100		
129	96.3	66.6	123.8
131	94.0	65.9	122.3
166	129.9	93.7	173.9

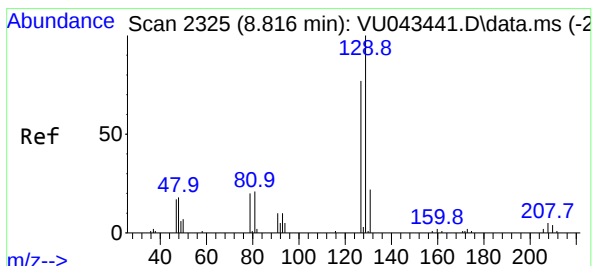
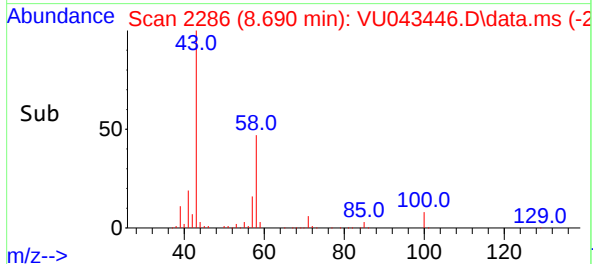
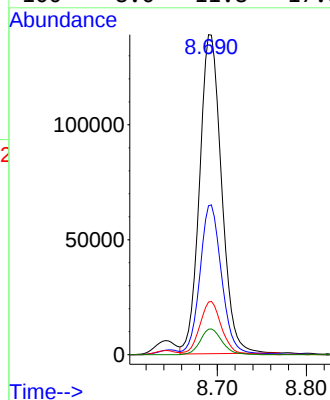
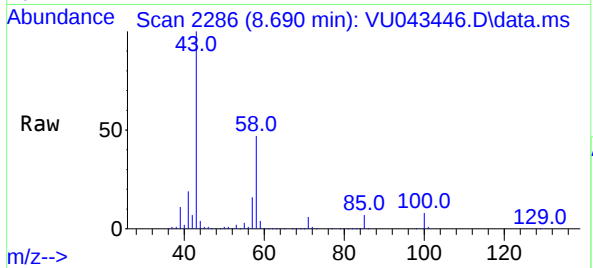




#48
2-Hexanone
Concen: 53.64 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

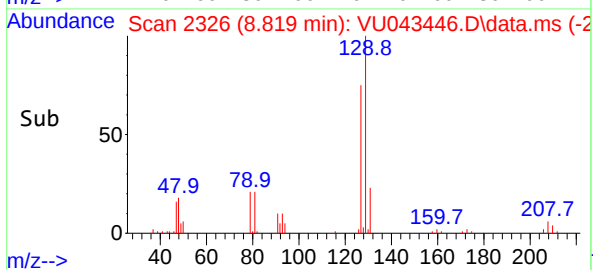
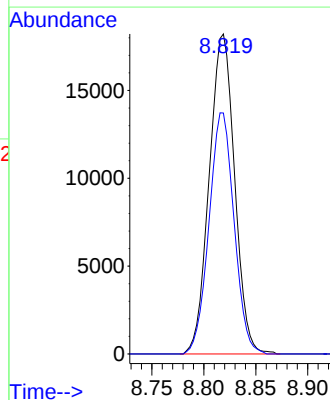
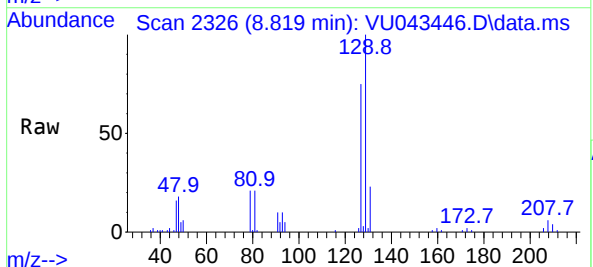
Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

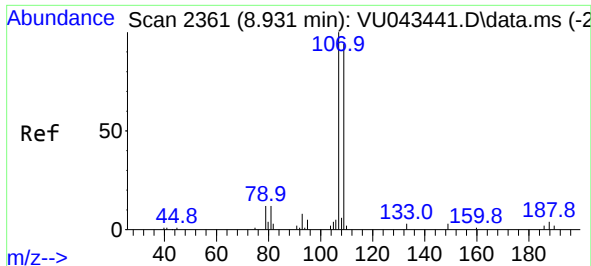
Tgt Ion: 43 Resp: 238092
Ion Ratio Lower Upper
43 100
58 46.2 50.0 75.0#
57 16.7 17.4 26.0#
100 8.0 11.8 17.8#



#49
Dibromochloromethane
Concen: 4.87 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion: 129 Resp: 30959
Ion Ratio Lower Upper
129 100
127 75.3 56.6 105.2

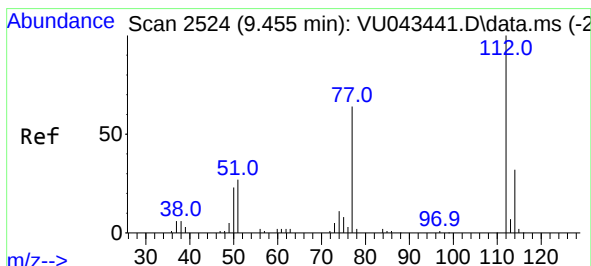
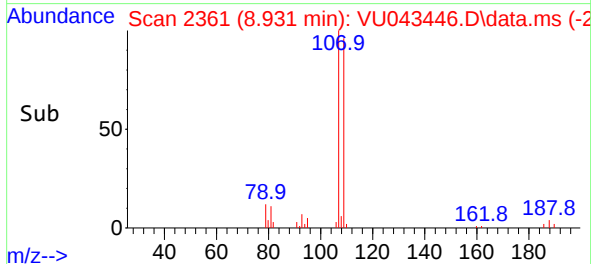
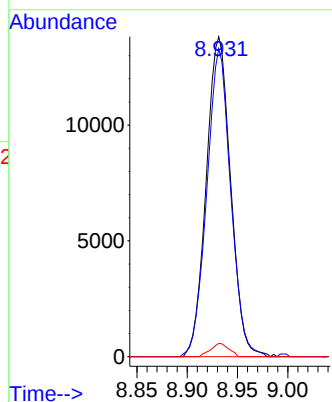
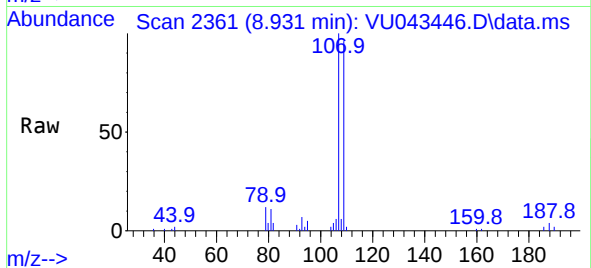




#50
1,2-Dibromoethane
Concen: 4.65 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

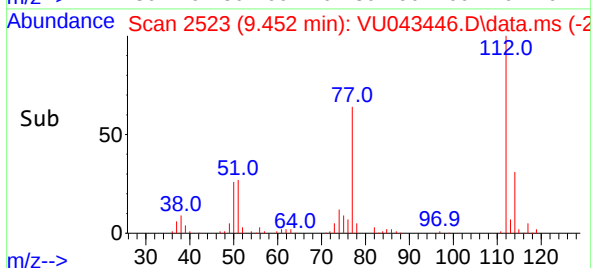
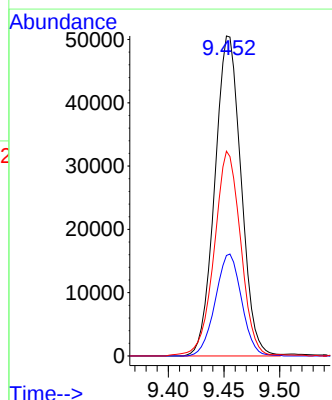
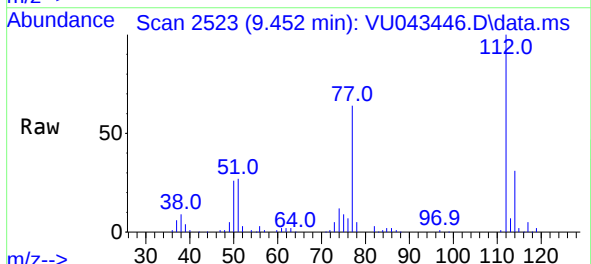
Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

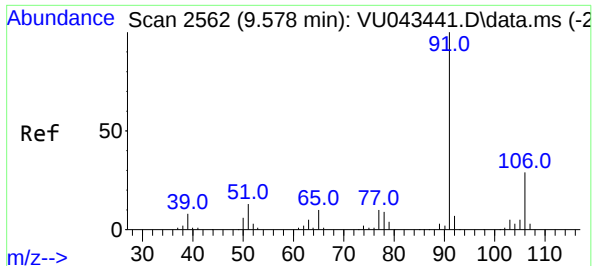
Tgt Ion:107 Resp: 23324
Ion Ratio Lower Upper
107 100
109 96.2 65.4 121.4
188 4.2 2.5 3.7#



#51
Chlorobenzene
Concen: 4.87 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion:112 Resp: 83035
Ion Ratio Lower Upper
112 100
114 31.4 21.9 40.7
77 64.0 45.1 67.7

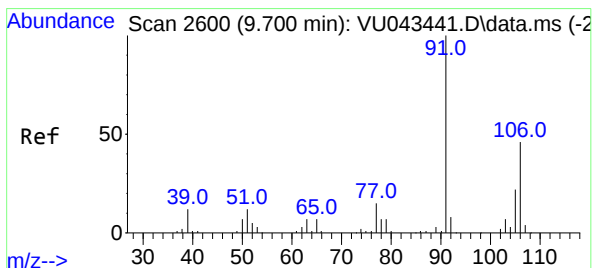
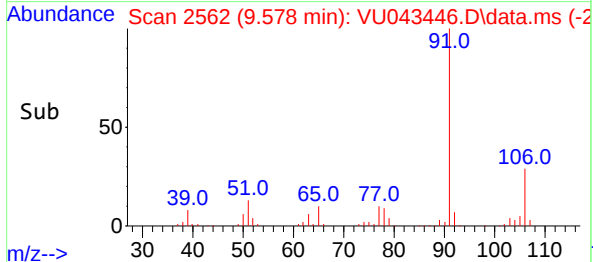
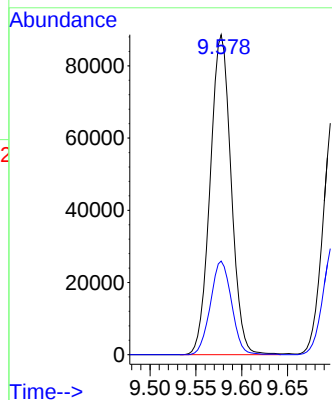
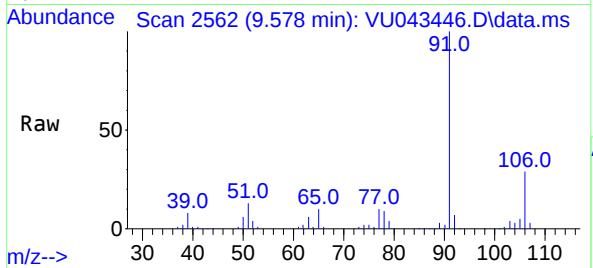




#52
Ethylbenzene
Concen: 4.60 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

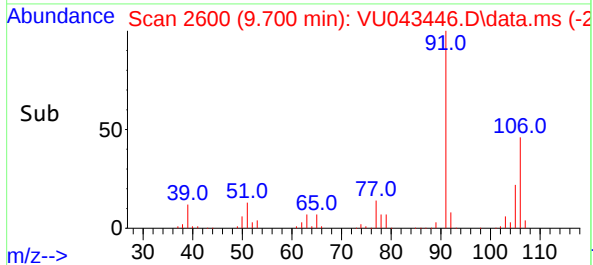
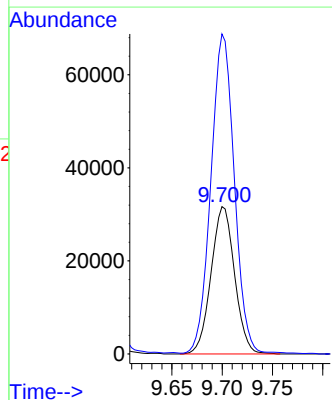
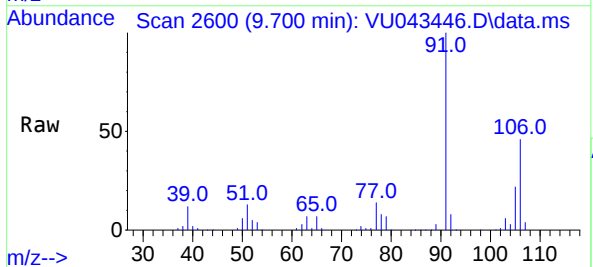
Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

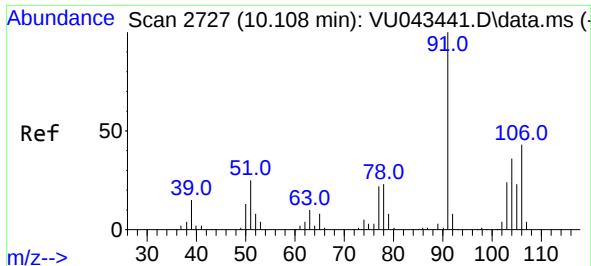
Tgt Ion: 91 Resp: 140959
Ion Ratio Lower Upper
91 100
106 29.3 22.0 40.8



#53
m,p-Xylene
Concen: 4.60 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion: 106 Resp: 51525
Ion Ratio Lower Upper
106 100
91 217.1 137.6 255.6

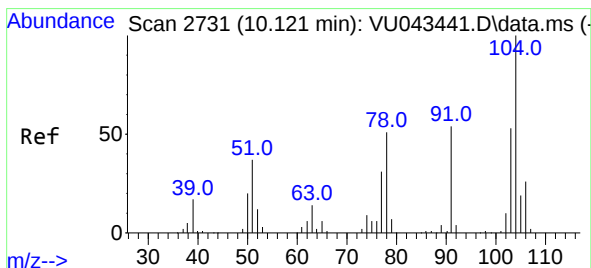
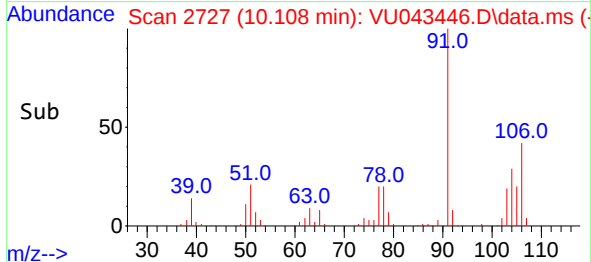
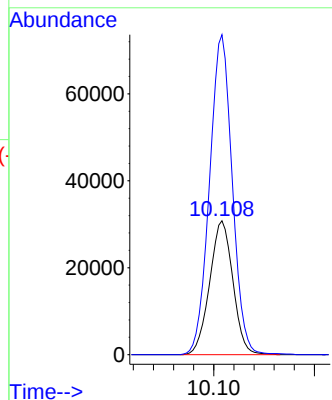
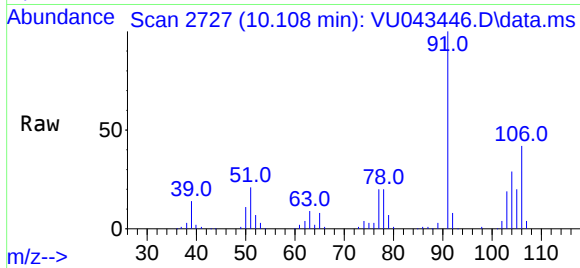




#54
o-Xylene
Concen: 4.45 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

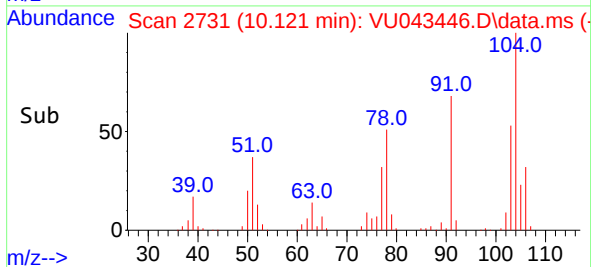
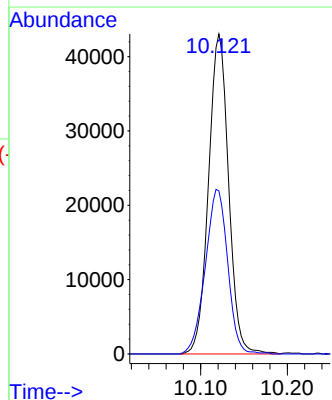
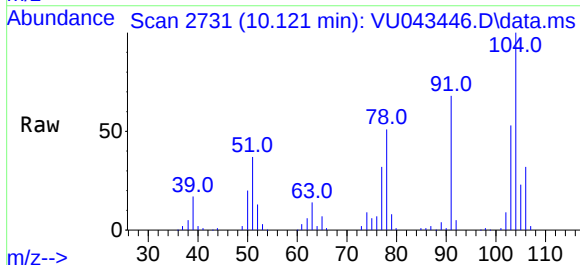
Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

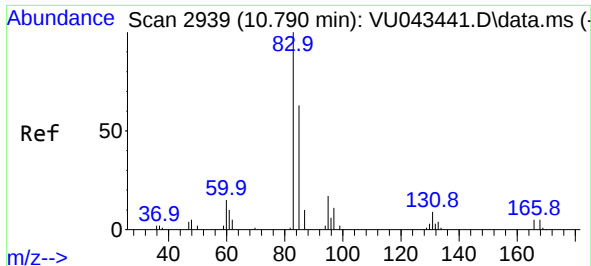
Tgt Ion:106 Resp: 49403
Ion Ratio Lower Upper
106 100
91 239.1 148.5 275.9



#55
Styrene
Concen: 3.64 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion:104 Resp: 69299
Ion Ratio Lower Upper
104 100
78 51.0 32.3 60.1

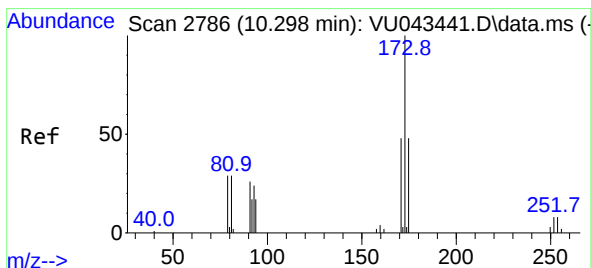
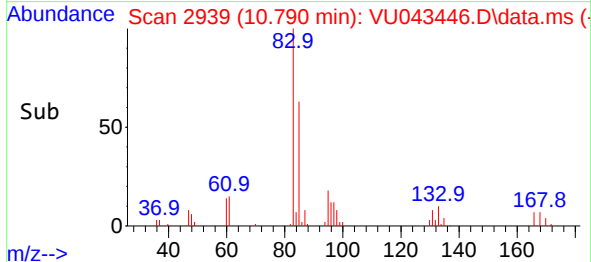
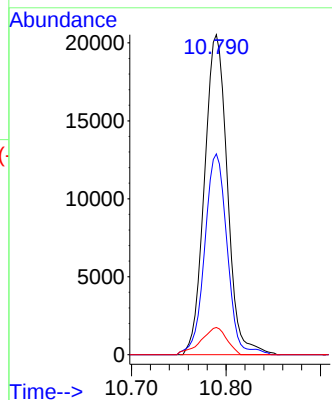
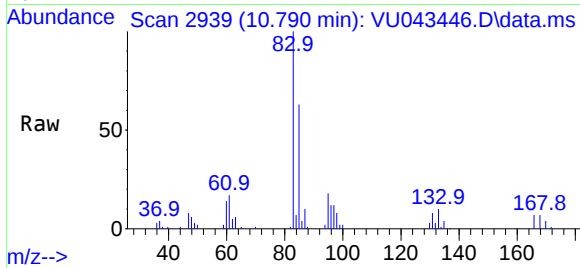




#57
1,1,2,2-Tetrachloroethane
Concen: 5.21 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

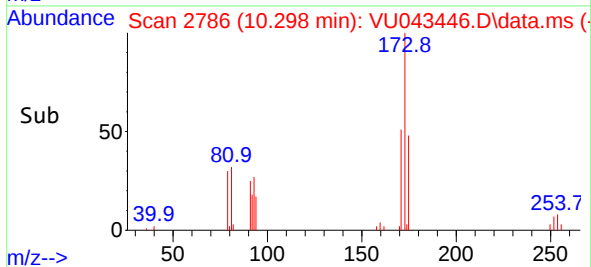
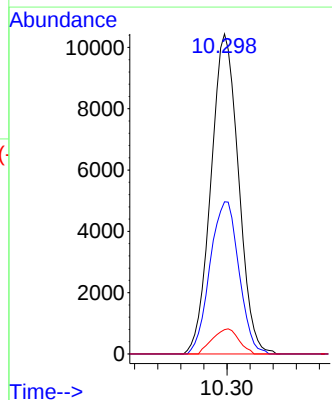
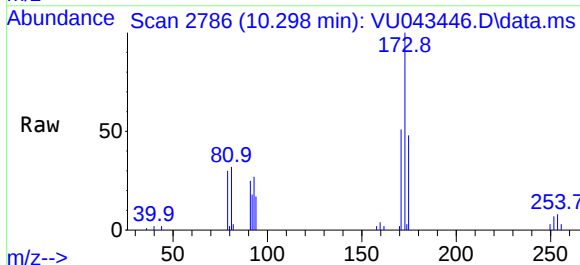
Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

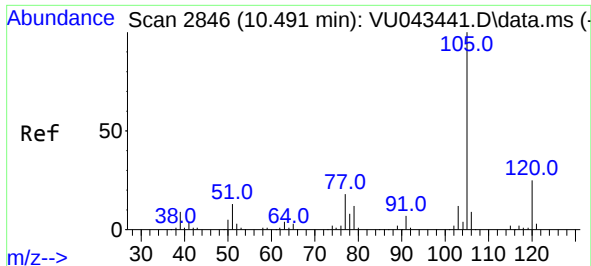
Tgt Ion: 83 Resp: 34511
Ion Ratio Lower Upper
83 100
85 62.7 44.9 83.5
131 8.5 8.2 12.4



#59
Bromoform
Concen: 4.53 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion:173 Resp: 17274
Ion Ratio Lower Upper
173 100
175 50.0 39.4 59.0
254 7.5 8.0 12.0#

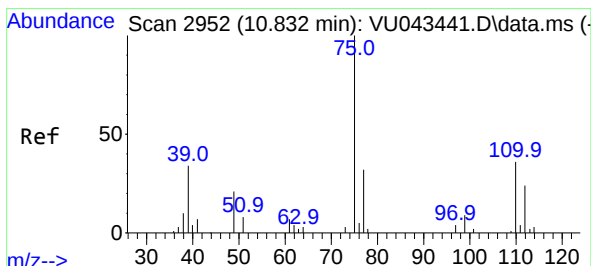
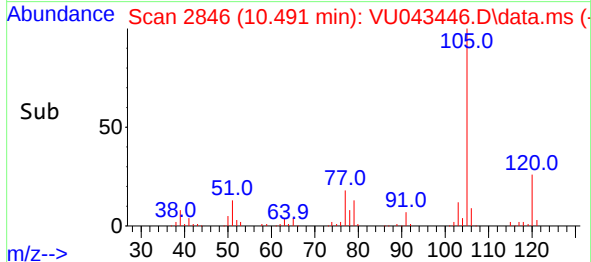
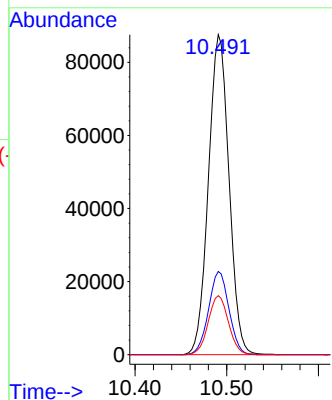
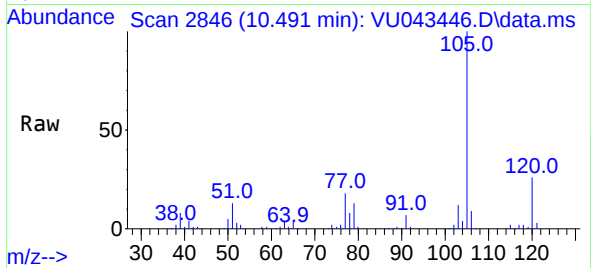




#60
Isopropylbenzene
Concen: 4.54 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

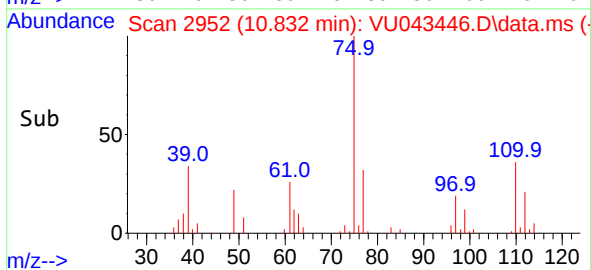
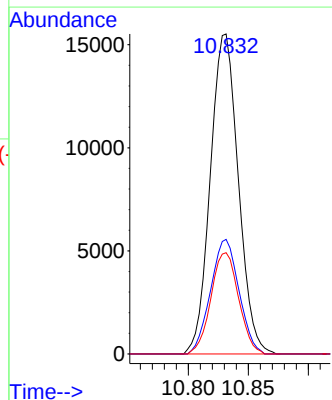
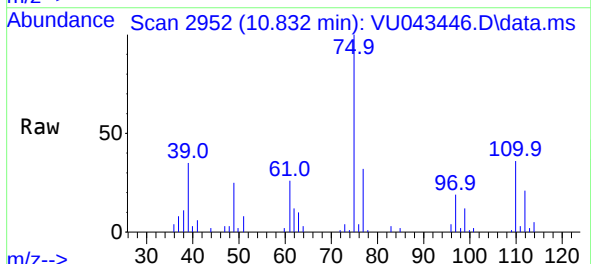
Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

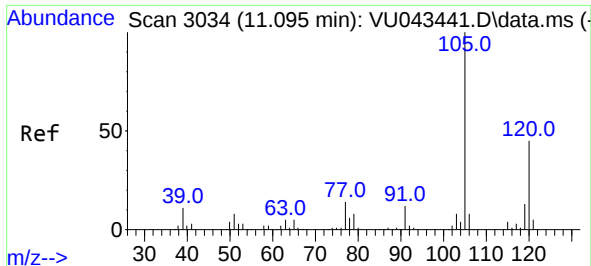
Tgt Ion:105 Resp: 136109
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 18.1 11.8 17.8#



#61
1,2,3-Trichloropropane
Concen: 5.22 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion: 75 Resp: 25182
Ion Ratio Lower Upper
75 100
110 36.3 31.5 47.3
77 31.3 26.3 39.5

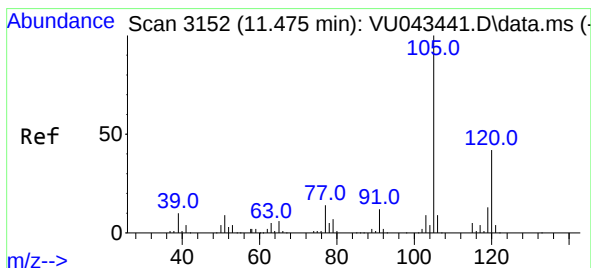
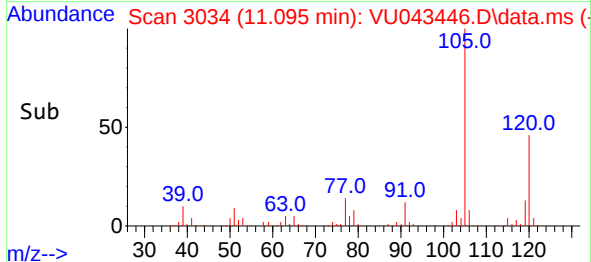
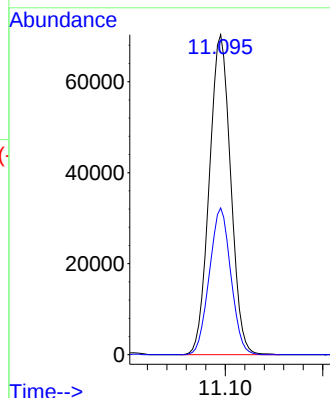
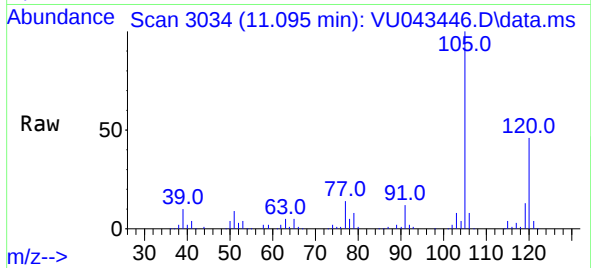




#62
1,3,5-Trimethylbenzene
Concen: 4.37 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

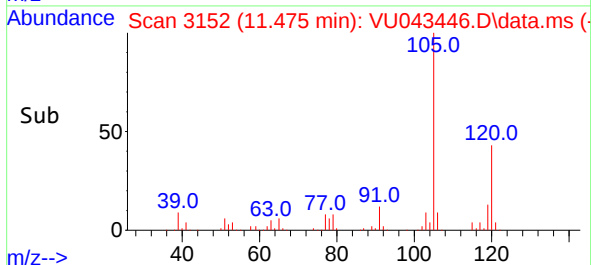
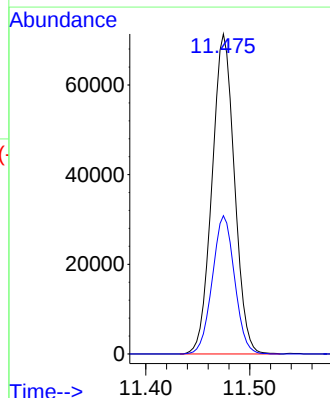
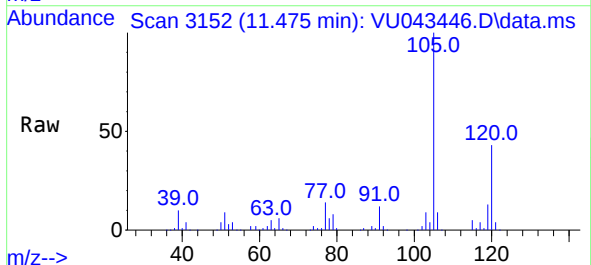
Tgt Ion:105 Resp: 107101
Ion Ratio Lower Upper
105 100
120 46.0 39.5 59.3

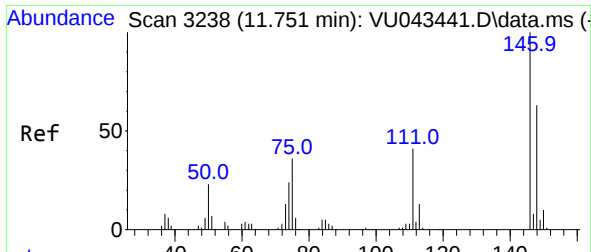
Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD



#63
1,2,4-Trimethylbenzene
Concen: 4.25 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion:105 Resp: 106974
Ion Ratio Lower Upper
105 100
120 42.9 36.7 55.1

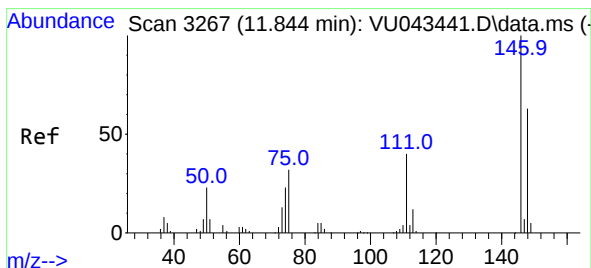
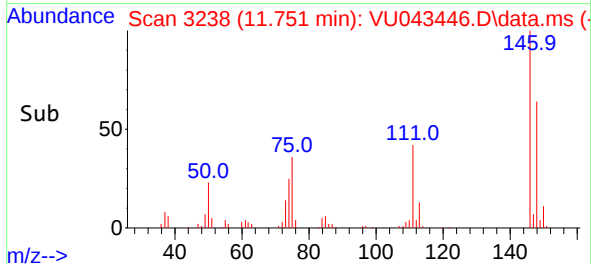
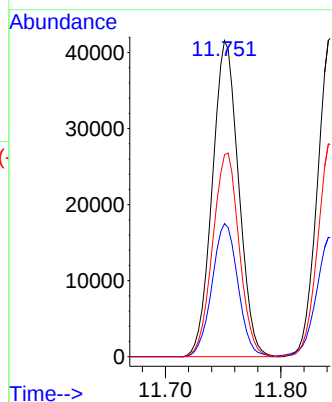
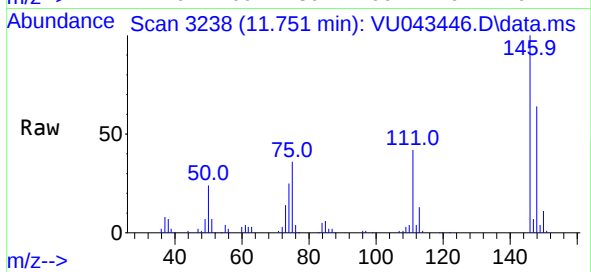




#64
1,3-Dichlorobenzene
Concen: 4.63 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

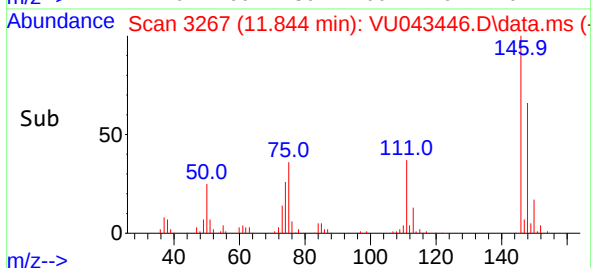
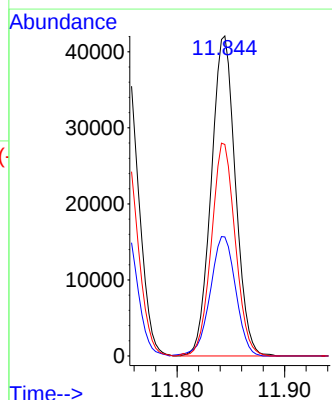
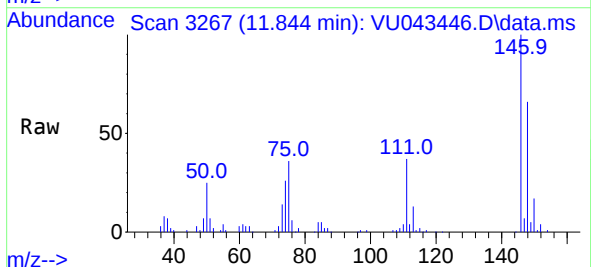
Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

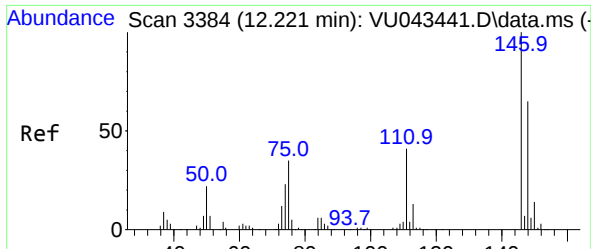
Tgt Ion:146 Resp: 65812
Ion Ratio Lower Upper
146 100
111 42.1 27.6 51.2
148 63.9 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.56 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion:146 Resp: 65754
Ion Ratio Lower Upper
146 100
111 37.2 26.7 49.5
148 66.1 43.9 81.5

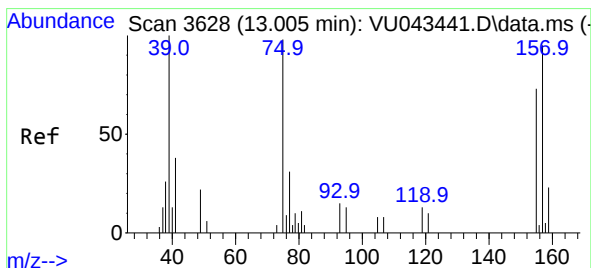
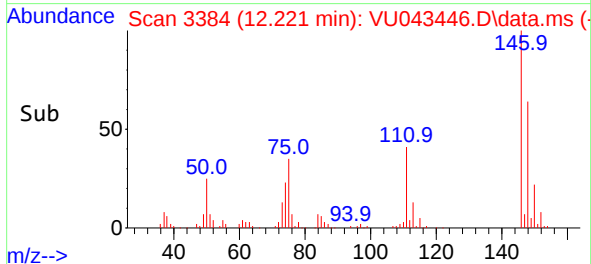
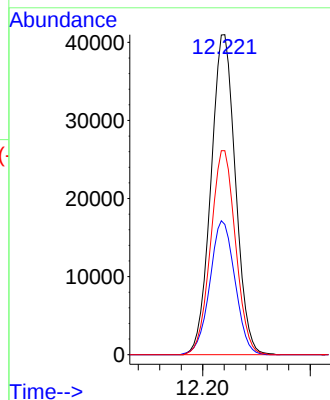
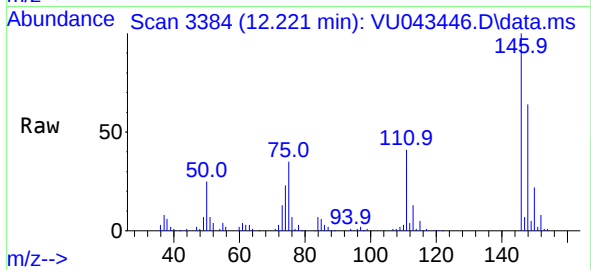




#67
1,2-Dichlorobenzene
Concen: 4.70 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

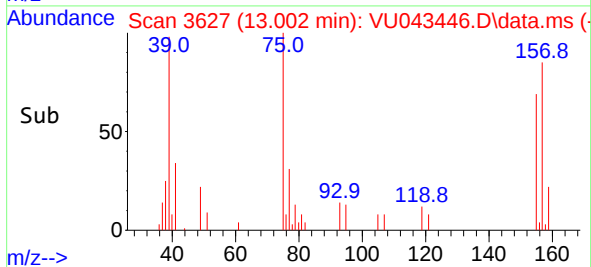
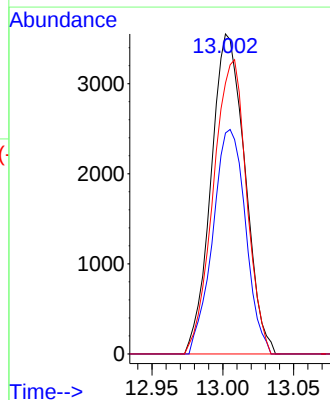
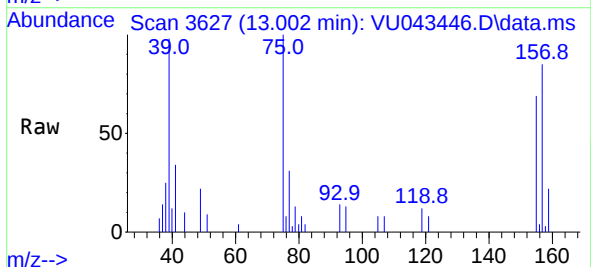
Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

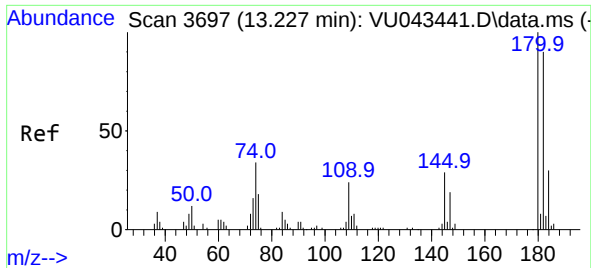
Tgt Ion:146 Resp: 64858
Ion Ratio Lower Upper
146 100
111 40.7 31.9 47.9
148 63.7 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.03 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion: 75 Resp: 5906
Ion Ratio Lower Upper
75 100
155 69.0 67.8 101.8
157 84.6 82.4 123.6



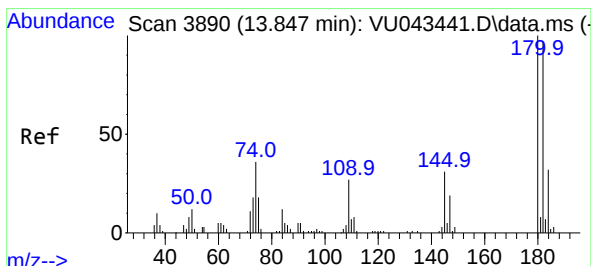
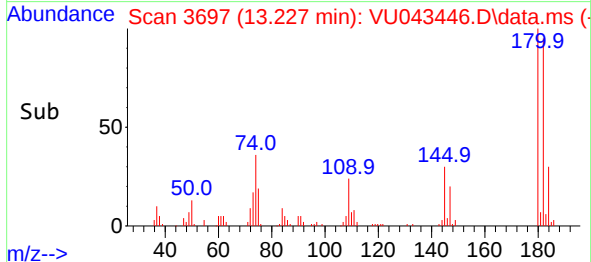
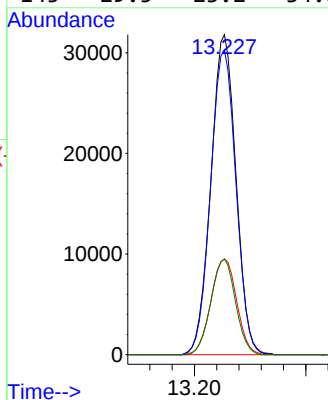
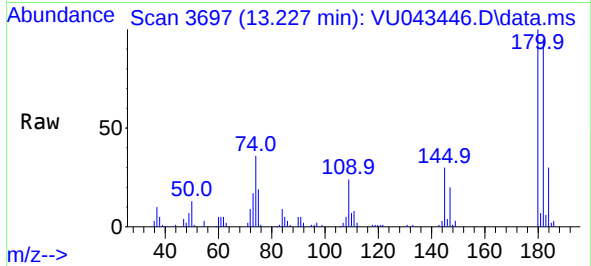


#69
1,3,5-Trichlorobenzene
Concen: 4.26 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

Tgt Ion:180 Resp: 49651

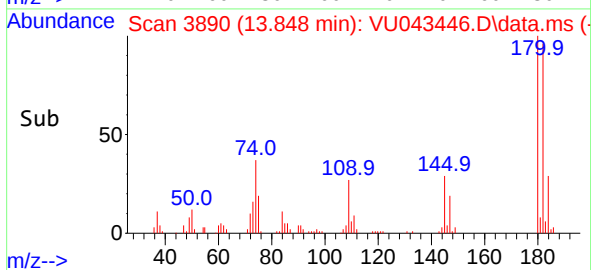
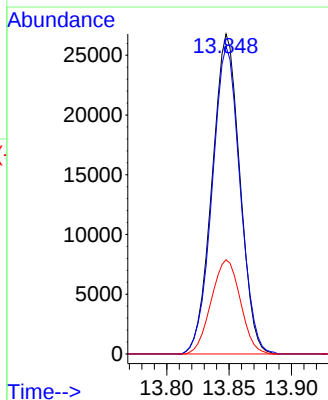
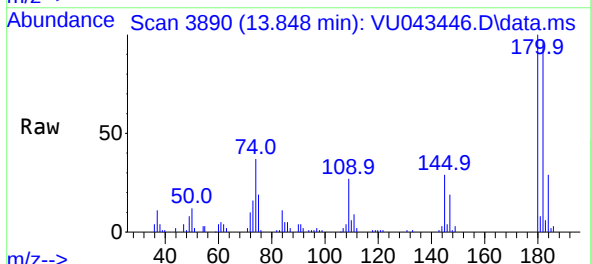
Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.1	114.1
184	30.7	24.0	36.0
145	29.5	23.2	34.8

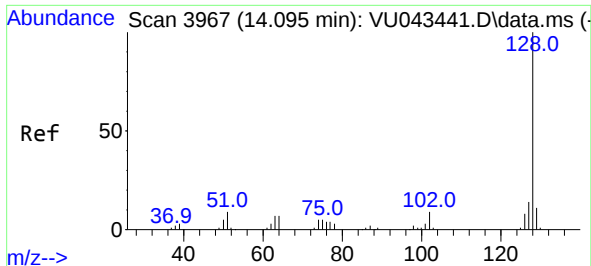


#70
1,2,4-trichlorobenzene
Concen: 4.29 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Tgt Ion:180 Resp: 41423

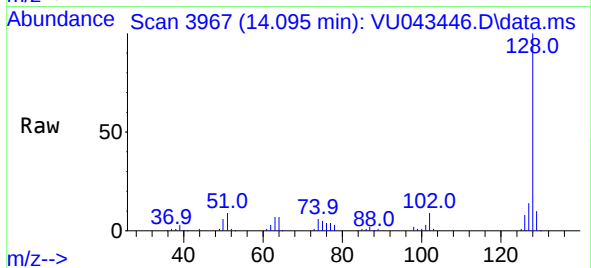
Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.5	114.7
145	30.9	24.1	36.1





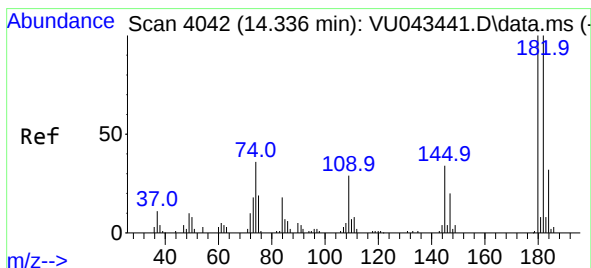
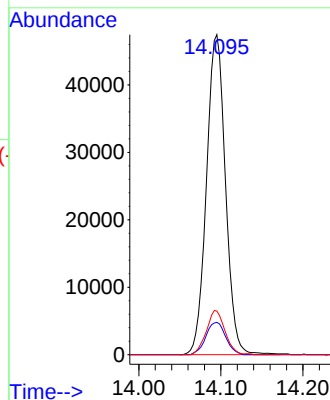
#71
Naphthalene
Concen: 4.70 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05

Instrument :
MSVOA_U
ClientSampleId :
YARH8MSD

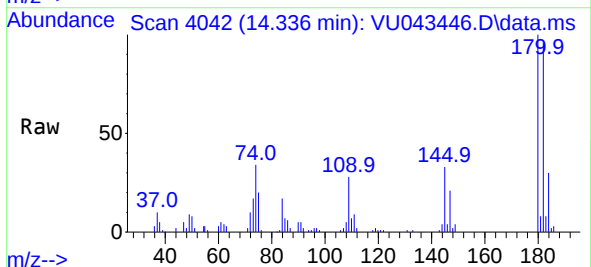


Tgt Ion:128 Resp: 76547

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	13.6	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.52 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043446.D
Acq: 30 Apr 2021 00:05



Tgt Ion:180 Resp: 39990

Ion	Ratio	Lower	Upper
180	100		
182	97.6	75.8	113.8
145	32.1	25.0	37.4

