

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043115.D
 Acq On : 15 Apr 2021 11:46
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 04:36:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 04:32:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	105925	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	102436	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	55875	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26603	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.919	69	24254	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.572	65	15222	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.60%
20) 2-Butanone-d5	4.645	46	121310	51.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.70%
24) Chloroform-d	5.073	84	69005	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.710	65	41237	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.735	84	120955	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.700	67	40325	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.906	98	119898	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloroprop...	8.189	79	16563	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.645	63	88306	50.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.38%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34916	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	46648	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	37608	5.54	ug/L	99
3) Chloromethane	1.520	50	33280	4.98	ug/L	99
5) Vinyl chloride	1.607	62	35280	5.07	ug/L	94
6) Bromomethane	1.861	94	21478	5.17	ug/L	95
8) Chloroethane	1.938	64	25251	5.04	ug/L	94
9) Trichlorofluoromethane	2.144	101	64559	4.98	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34445	4.92	ug/L	91
12) 1,1-Dichloroethene	2.584	96	30545	5.19	ug/L	76
13) Acetone	2.649	43	77826	44.83	ug/L	79
14) Carbon disulfide	2.800	76	77255	5.15	ug/L	98
15) Methyl Acetate	2.961	43	14647	4.49	ug/L	90
16) Methylene chloride	3.054	84	35970	4.72	ug/L	81
17) Methyl tert-butyl Ether	3.372	73	95625	4.97	ug/L	# 92
18) trans-1,2-Dichloroethene	3.362	96	31909	5.08	ug/L	88
19) 1,1-Dichloroethane	3.880	63	69778	5.10	ug/L	96
21) 2-Butanone	4.723	43	109456	38.21	ug/L	84
22) cis-1,2-Dichloroethene	4.678	96	37957	5.11	ug/L	89
23) Bromochloromethane	4.983	128	16998	5.01	ug/L	# 75
25) Chloroform	5.099	83	73867	5.07	ug/L	98

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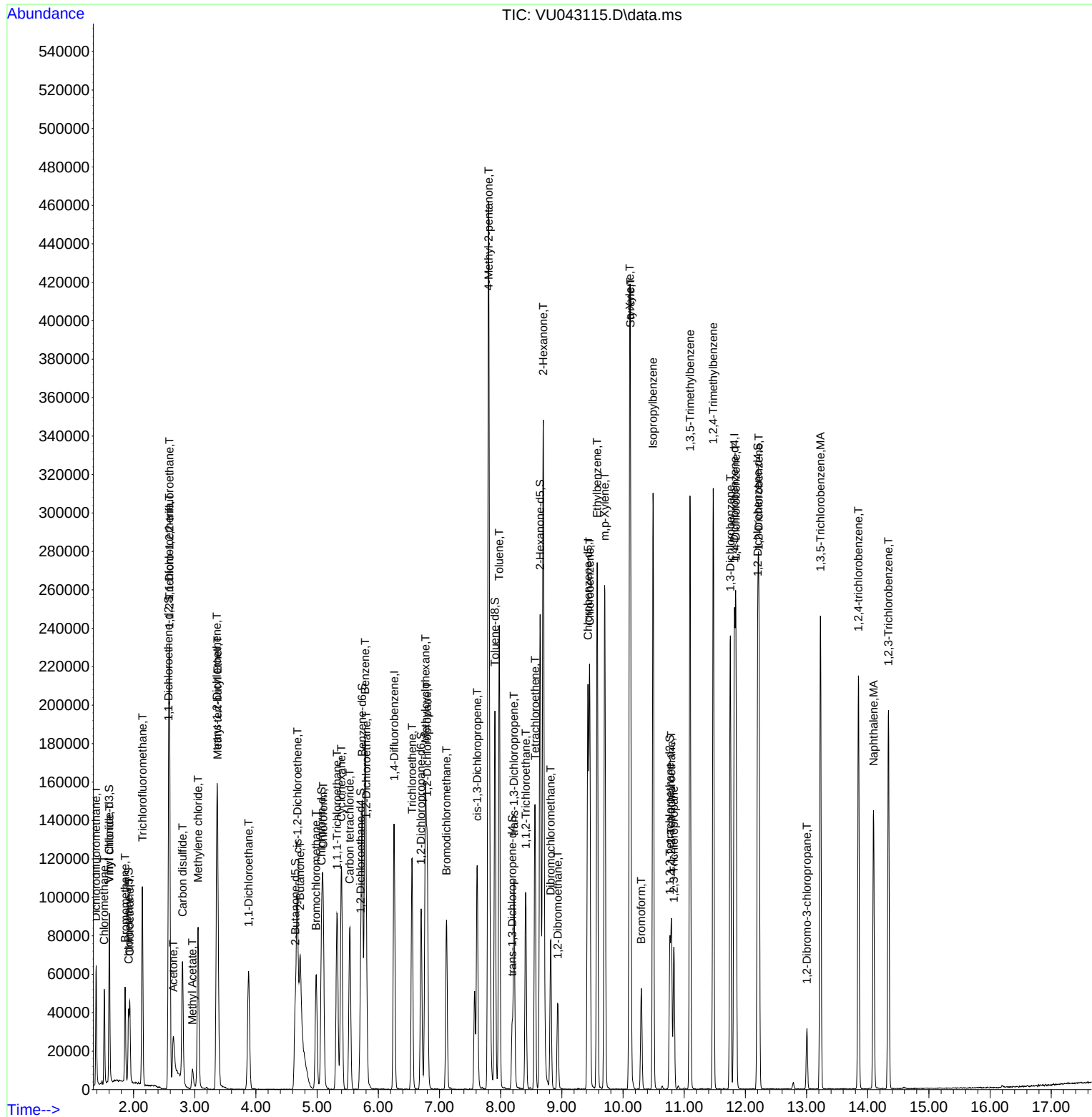
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	55963	5.23	ug/L #	92
29) 1,1,1-Trichloroethane	5.327	97	64608	5.11	ug/L	92
30) Cyclohexane	5.398	56	56588	5.22	ug/L	87
31) Carbon tetrachloride	5.533	117	55360	5.25	ug/L	99
33) Benzene	5.784	78	144168	5.26	ug/L	100
34) Trichloroethene	6.552	95	38440	5.10	ug/L	95
35) Methylcyclohexane	6.771	83	55205	5.29	ug/L	92
37) 1,2-Dichloropropane	6.800	63	39925	5.18	ug/L #	97
38) Bromodichloromethane	7.115	83	53854	5.20	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	60285	5.35	ug/L	95
40) 4-Methyl-2-pentanone	7.803	43	360765	52.29	ug/L #	84
42) Toluene	7.976	91	159963	5.23	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	54606	5.14	ug/L	100
45) 1,1,2-Trichloroethane	8.411	97	28744	4.99	ug/L	96
47) Tetrachloroethene	8.562	164	30595	5.12	ug/L	96
48) 2-Hexanone	8.697	43	273998	53.98	ug/L #	83
49) Dibromochloromethane	8.819	129	37762	5.19	ug/L	91
50) 1,2-Dibromoethane	8.931	107	29700	5.18	ug/L #	97
51) Chlorobenzene	9.456	112	102325	5.24	ug/L	94
52) Ethylbenzene	9.578	91	185715	5.30	ug/L	97
53) m,p-Xylene	9.700	106	68892	5.37	ug/L	89
54) o-Xylene	10.108	106	65664	5.17	ug/L	88
55) Styrene	10.121	104	113315	5.21	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.790	83	39418	5.20	ug/L	99
59) Bromoform	10.298	173	23160	5.07	ug/L	97
60) Isopropylbenzene	10.491	105	186772	5.21	ug/L #	97
61) 1,2,3-Trichloropropane	10.832	75	28437	4.93	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	157453	5.37	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	162606	5.39	ug/L	95
64) 1,3-Dichlorobenzene	11.754	146	87710	5.15	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	89899	5.21	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	84029	5.08	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.005	75	7404	5.27	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	71766	5.14	ug/L	97
70) 1,2,4-trichlorobenzene	13.848	180	62545	5.41	ug/L	99
71) Naphthalene	14.095	128	110048	5.64	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	58071	5.48	ug/L	99

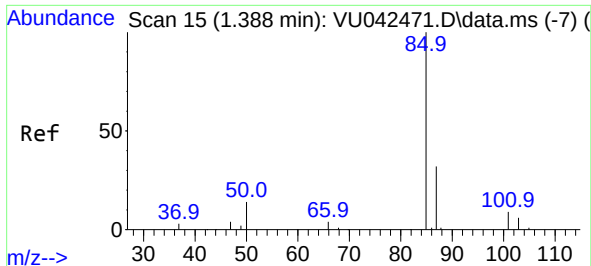
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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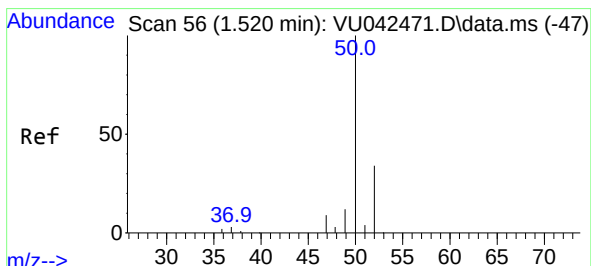
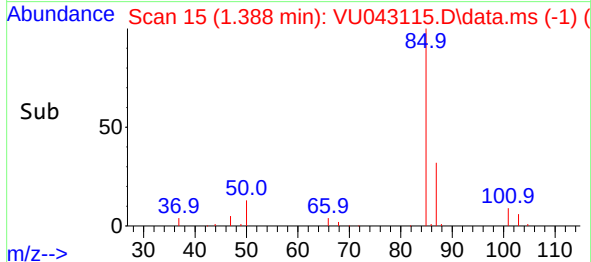
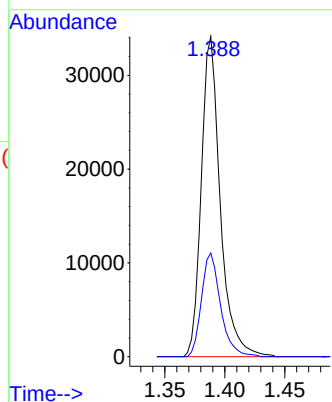
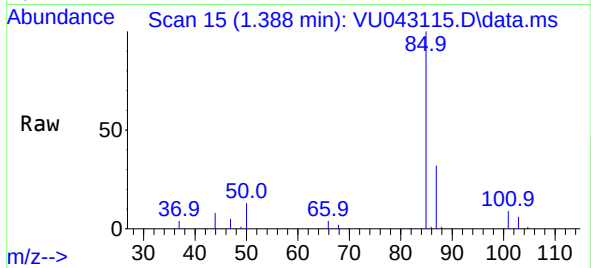




#2
Dichlorodifluoromethane
Concen: 5.54 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

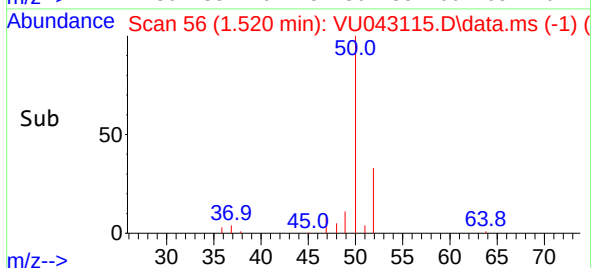
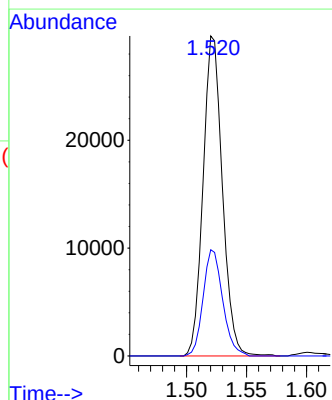
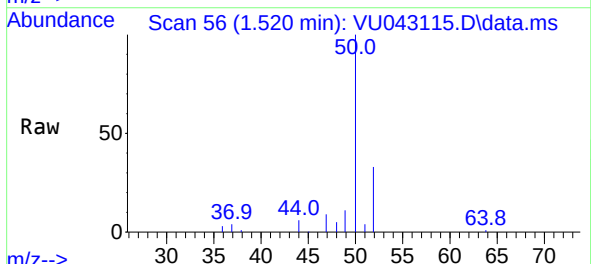
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MSVOA_U
ClientSampleId :

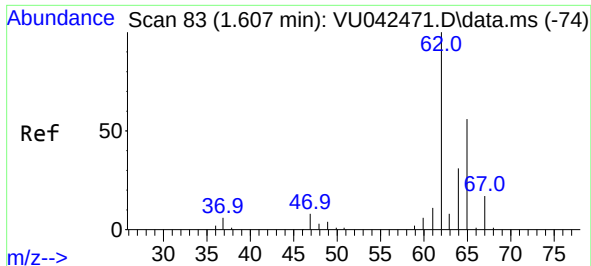
Tgt Ion: 85 Resp: 37608
Ion Ratio Lower Upper
85 100
87 32.5 26.3 39.5



#3
Chloromethane
Concen: 4.98 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion: 50 Resp: 33280
Ion Ratio Lower Upper
50 100
52 33.2 23.6 43.8

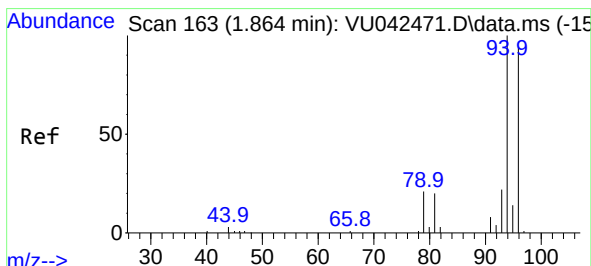
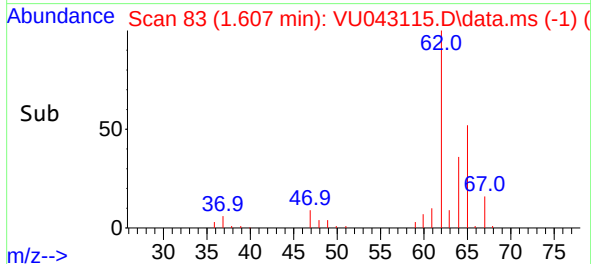
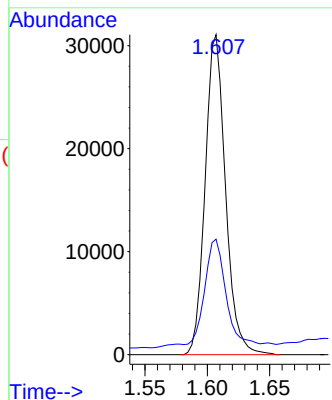
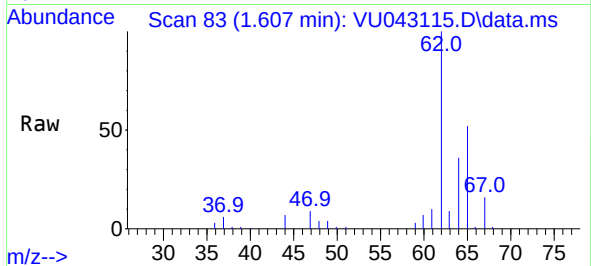




#5
 Vinyl chloride
 Concen: 5.07 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VU043115.D
 Acq: 15 Apr 2021 11:46

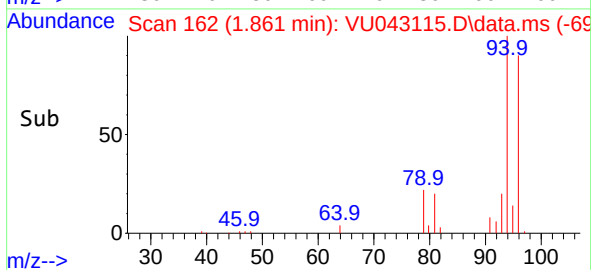
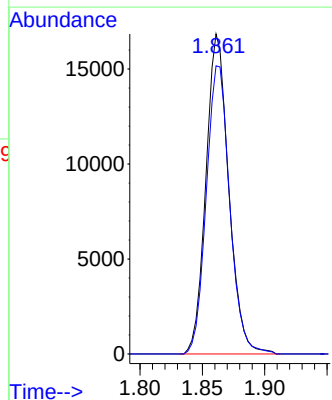
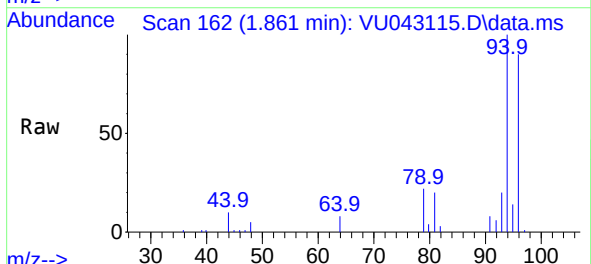
Instrument :
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 ClientSampleId :

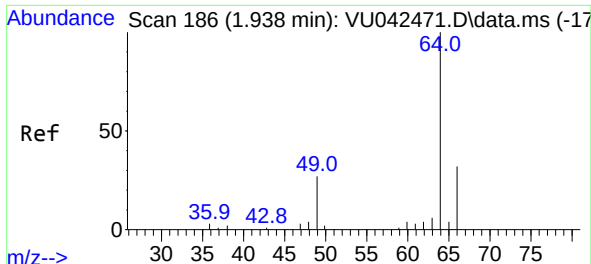
Tgt Ion: 62 Resp: 35280
 Ion Ratio Lower Upper
 62 100
 64 36.1 22.8 42.4



#6
 Bromomethane
 Concen: 5.17 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU043115.D
 Acq: 15 Apr 2021 11:46

Tgt Ion: 94 Resp: 21478
 Ion Ratio Lower Upper
 94 100
 96 90.0 66.1 122.7

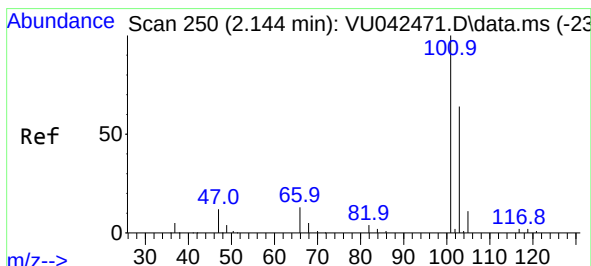
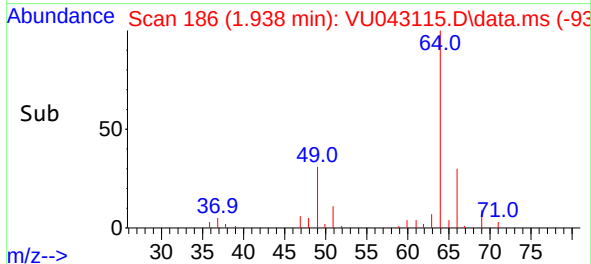
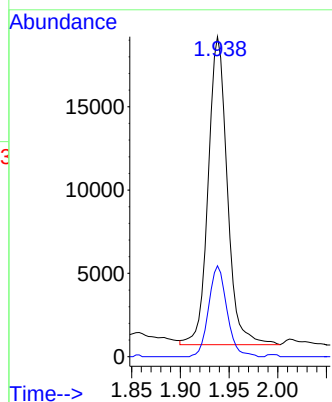
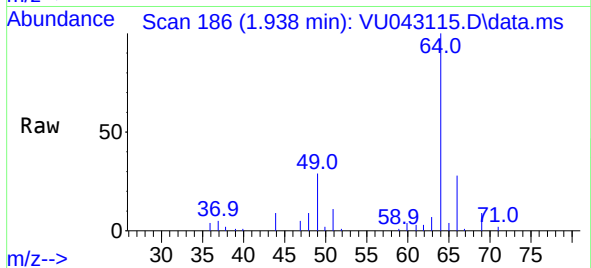




#8
Chloroethane
Concen: 5.04 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

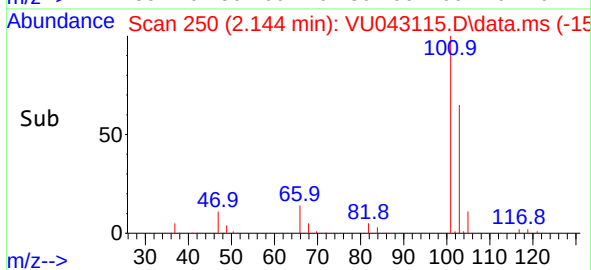
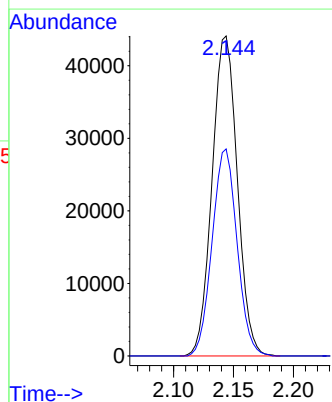
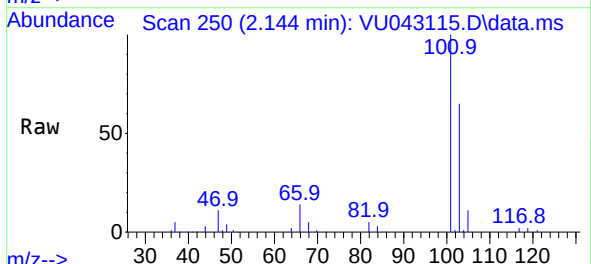
Instrument :
MSVOA_U
ClientSampleId :

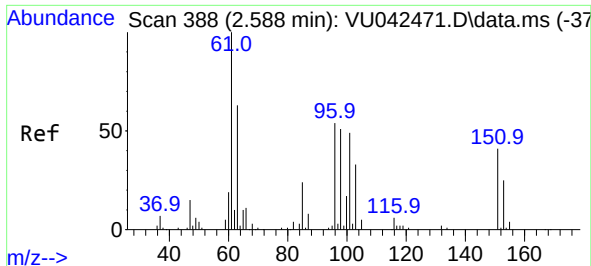
Tgt Ion: 64 Resp: 25251
Ion Ratio Lower Upper
64 100
66 28.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.98 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion:101 Resp: 64559
Ion Ratio Lower Upper
101 100
103 63.9 51.5 77.3

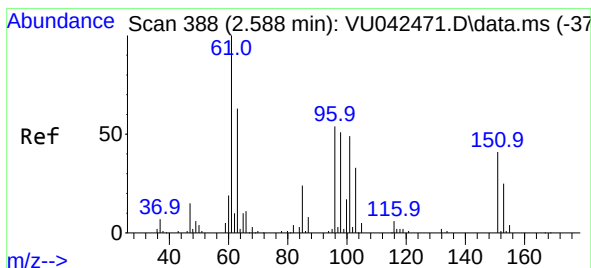
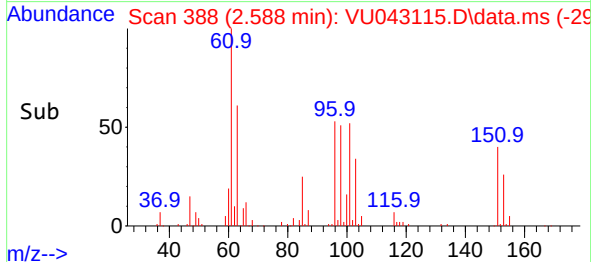
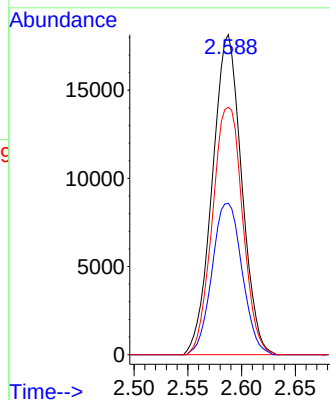
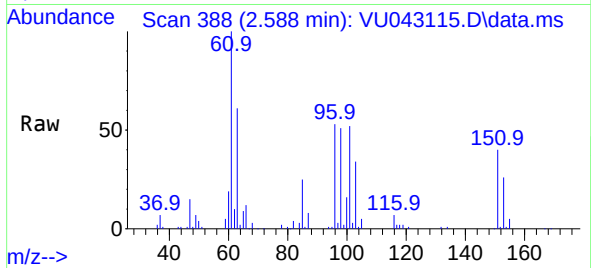




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.92 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU043115.D
 Acq: 15 Apr 2021 11:46

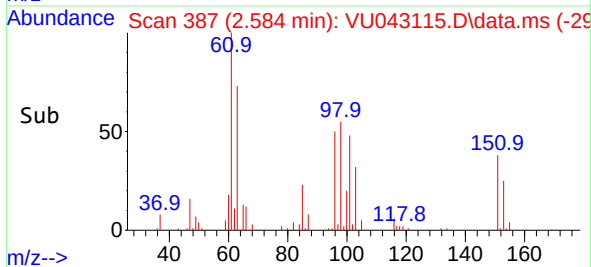
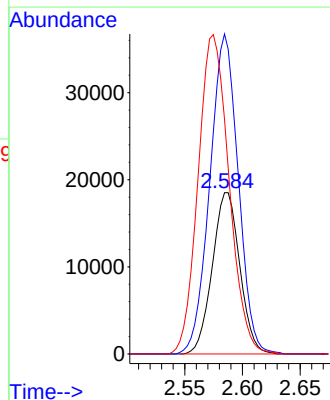
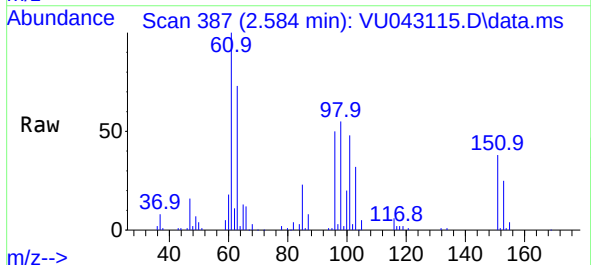
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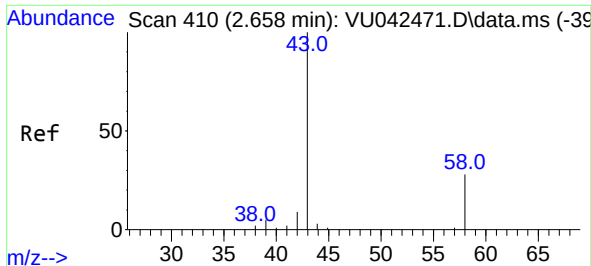
Tgt Ion:101 Resp: 34445
 Ion Ratio Lower Upper
 101 100
 85 48.5 34.5 51.7
 151 79.7 57.4 86.2



#12
 1,1-Dichloroethene
 Concen: 5.19 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU043115.D
 Acq: 15 Apr 2021 11:46

Tgt Ion: 96 Resp: 30545
 Ion Ratio Lower Upper
 96 100
 61 198.4 115.1 213.7
 63 145.5 84.1 156.1

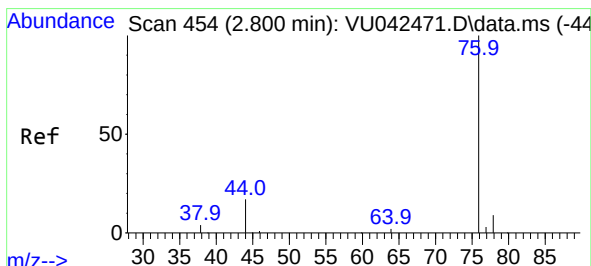
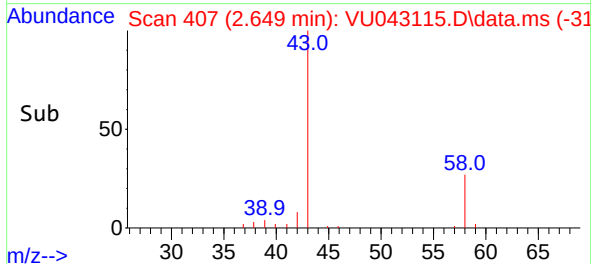
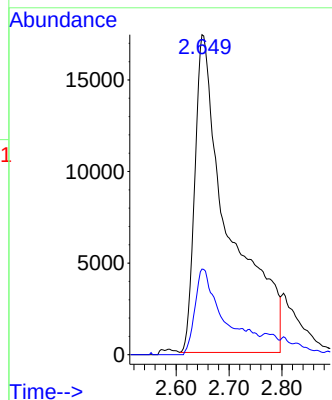
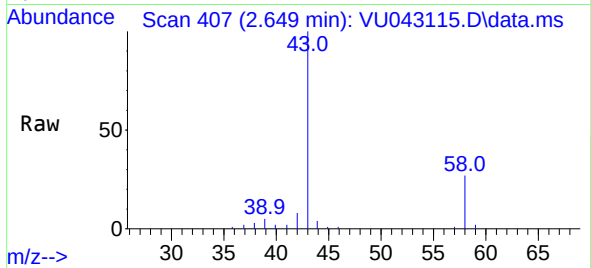




#13
Acetone
Concen: 44.83 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

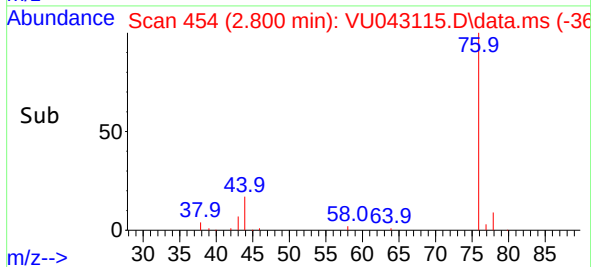
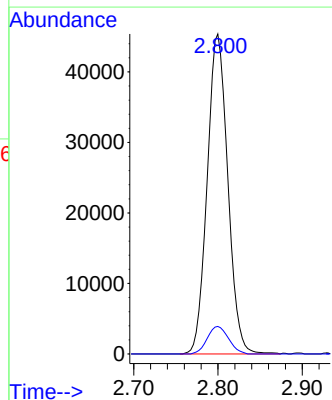
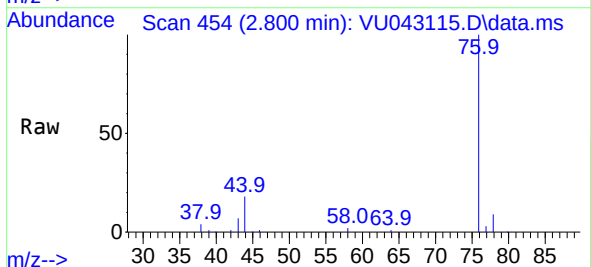
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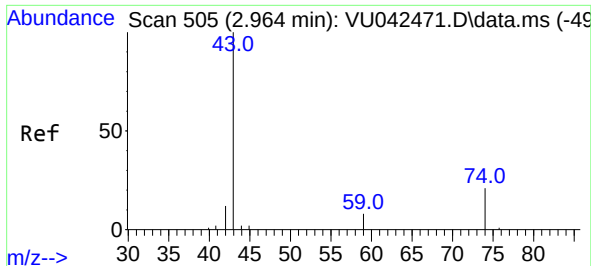
Tgt Ion: 43 Resp: 77826
Ion Ratio Lower Upper
43 100
58 20.9 0.0 25.0



#14
Carbon disulfide
Concen: 5.15 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 77255
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

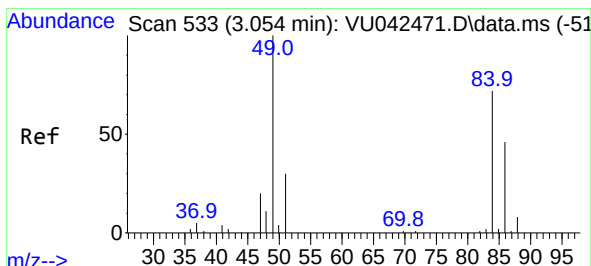
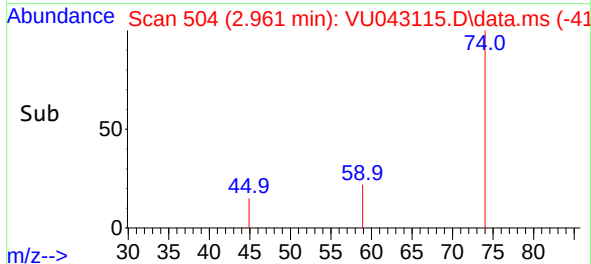
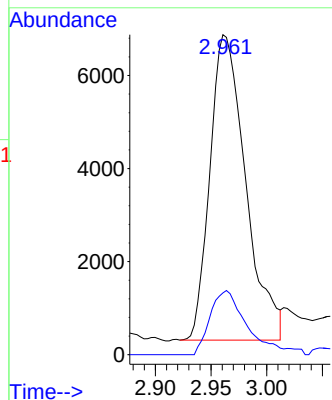
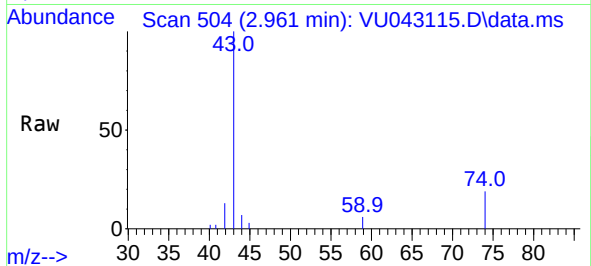




#15
Methyl Acetate
Concen: 4.49 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

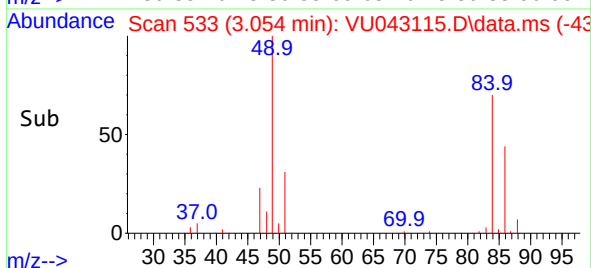
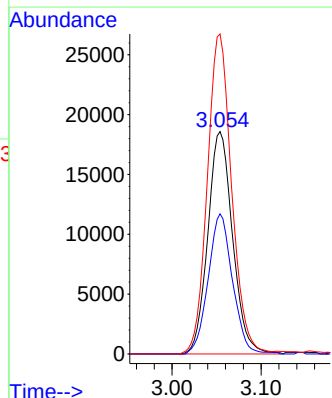
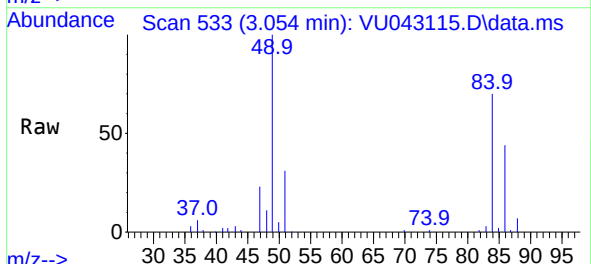
Instrument :
MSVOA_U
ClientSampleId :

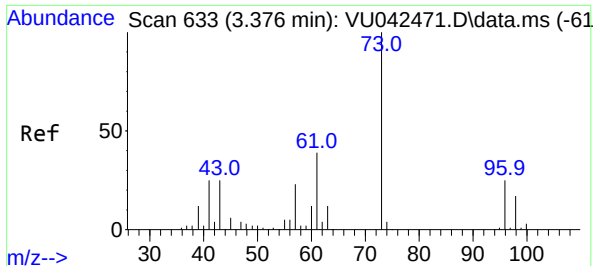
Tgt Ion: 43 Resp: 14647
Ion Ratio Lower Upper
43 100
74 22.0 21.5 32.3



#16
Methylene chloride
Concen: 4.72 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion: 84 Resp: 35970
Ion Ratio Lower Upper
84 100
86 63.0 44.9 83.5
49 143.8 79.0 146.8

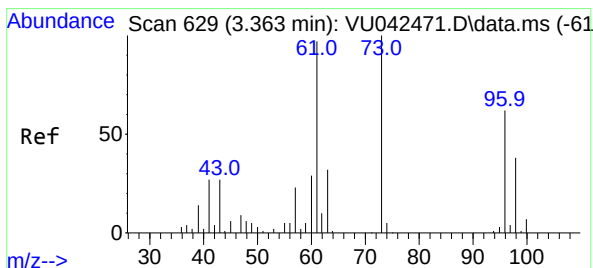
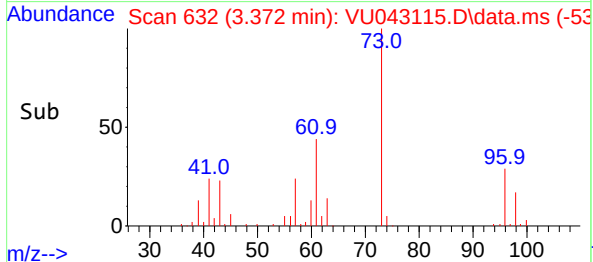
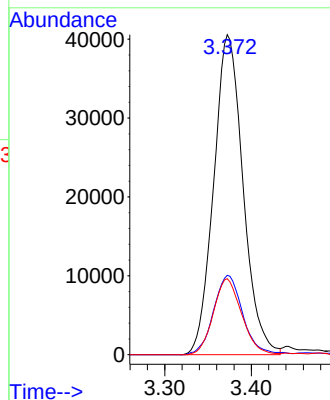
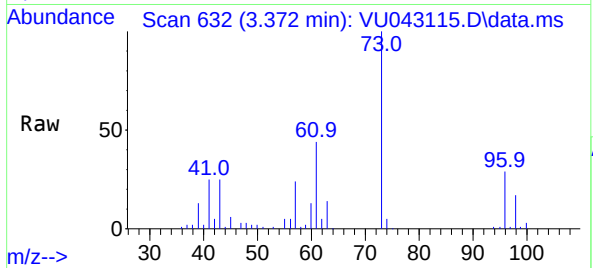




#17
Methyl tert-butyl Ether
Concen: 4.97 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

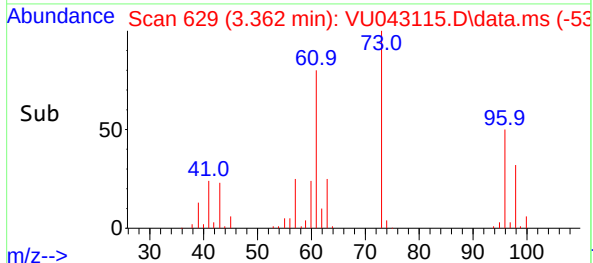
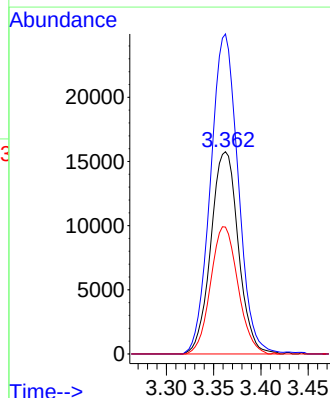
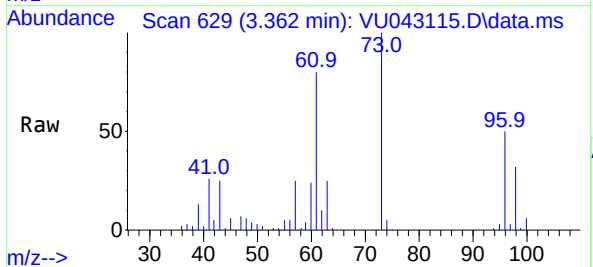
Instrument :
MSVOA_U
ClientSampleId :

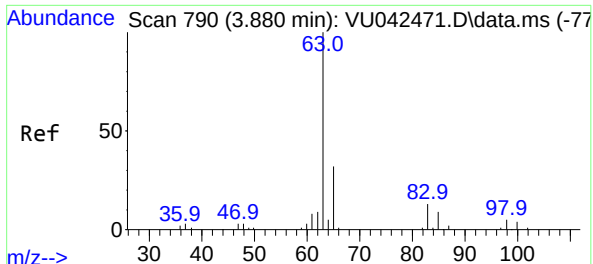
Tgt Ion: 73 Resp: 95625
Ion Ratio Lower Upper
73 100
43 24.7 15.0 22.4#
57 22.9 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 5.08 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion: 96 Resp: 31909
Ion Ratio Lower Upper
96 100
61 158.2 96.6 179.4
98 62.7 44.7 82.9



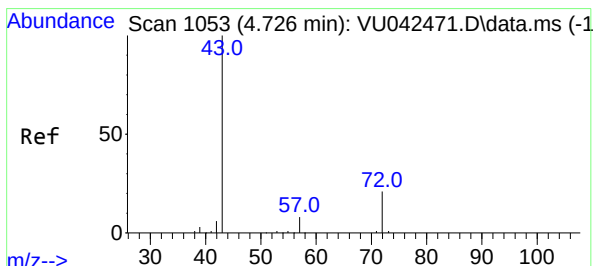
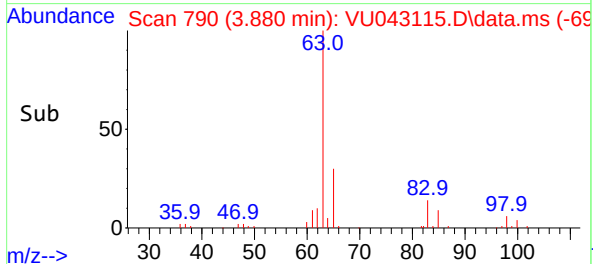
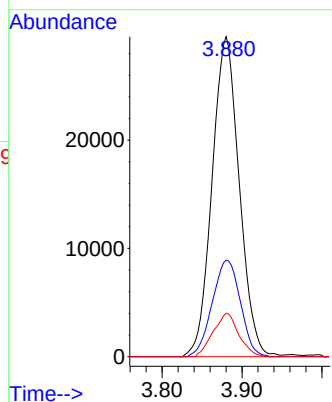
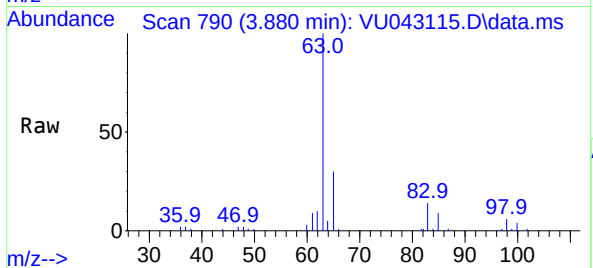


#19
1,1-Dichloroethane
Concen: 5.10 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 69778

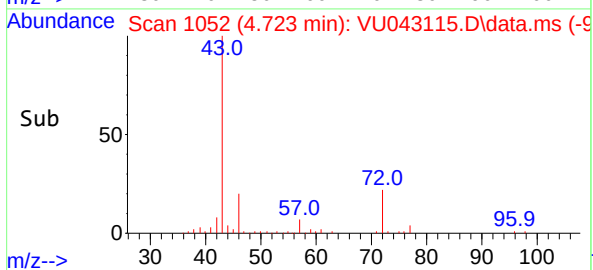
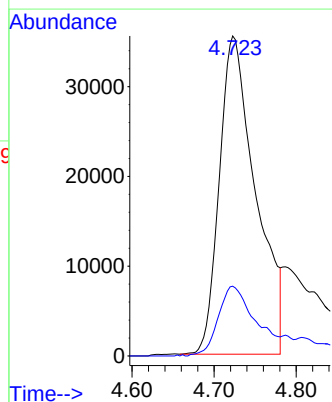
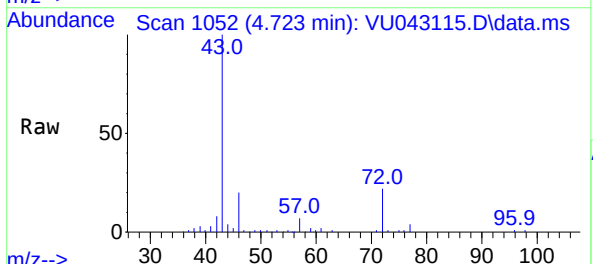
Ion	Ratio	Lower	Upper
63	100		
65	30.2	23.2	43.0
83	13.5	9.9	18.3

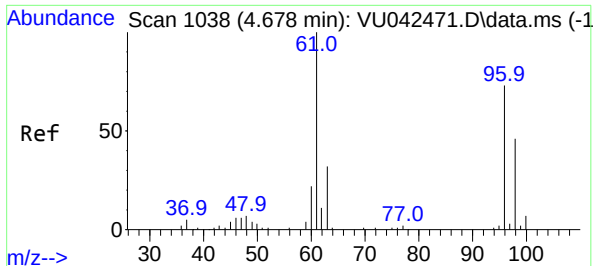


#21
2-Butanone
Concen: 38.21 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion: 43 Resp: 109456

Ion	Ratio	Lower	Upper
43	100		
72	22.6	15.8	47.3



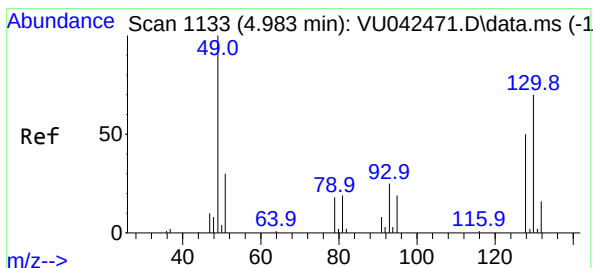
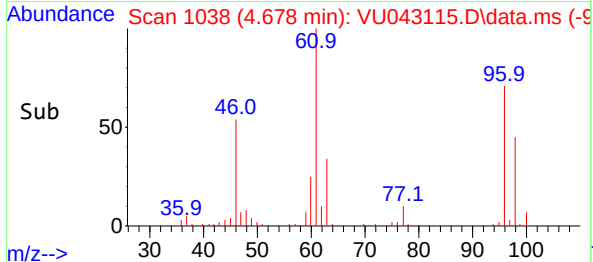
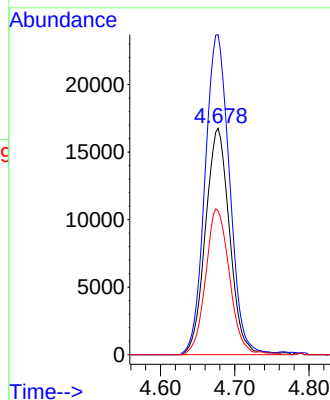
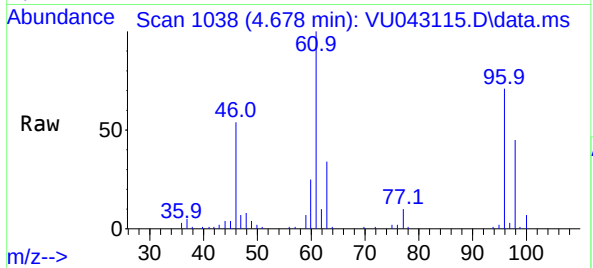


#22
cis-1,2-Dichloroethene
Concen: 5.11 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 37957

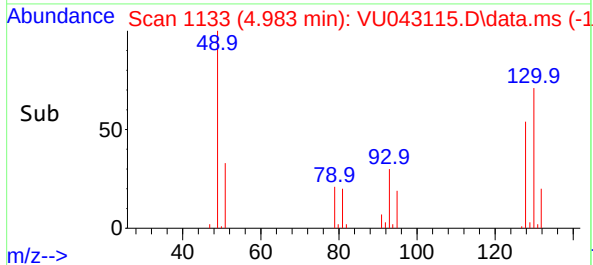
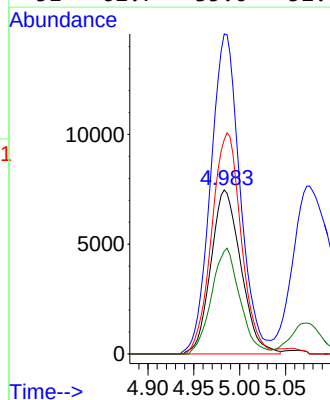
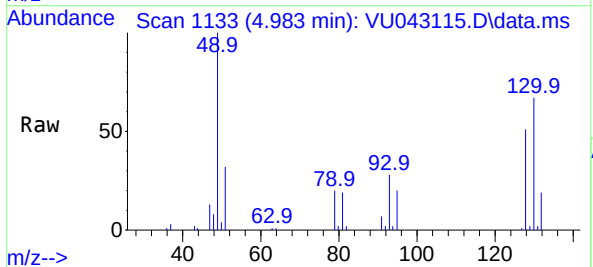
Ion	Ratio	Lower	Upper
96	100		
61	141.4	87.4	162.4
98	63.6	47.7	88.5

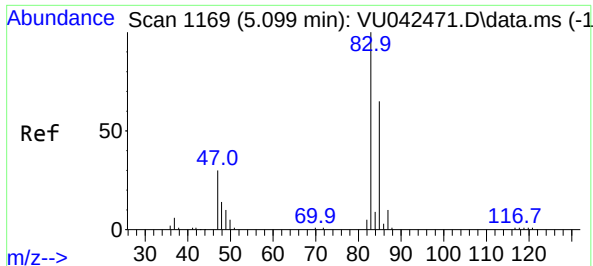


#23
Bromochloromethane
Concen: 5.01 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion: 128 Resp: 16998

Ion	Ratio	Lower	Upper
128	100		
49	195.1	96.4	179.0#
130	130.6	91.2	169.4
51	62.7	35.0	52.6#



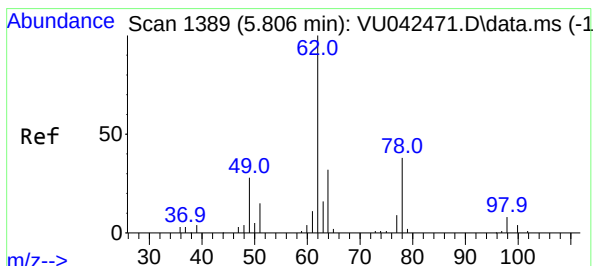
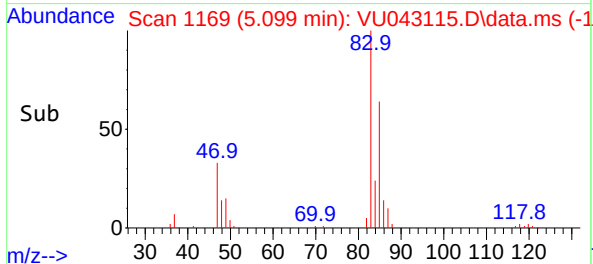
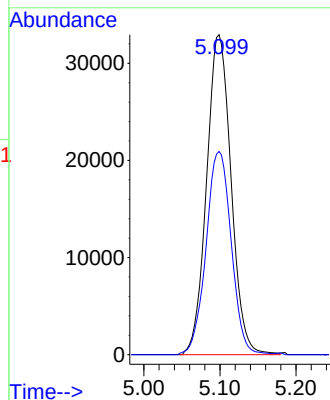
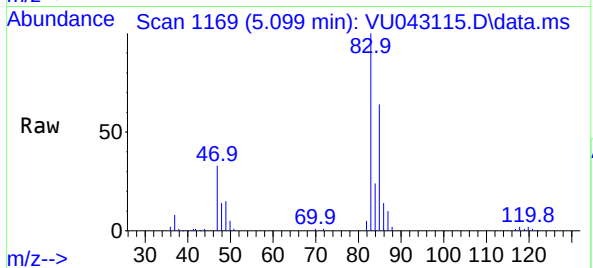


#25

Chloroform
Concen: 5.07 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Instrument :
MSVOA_U
ClientSampleId :

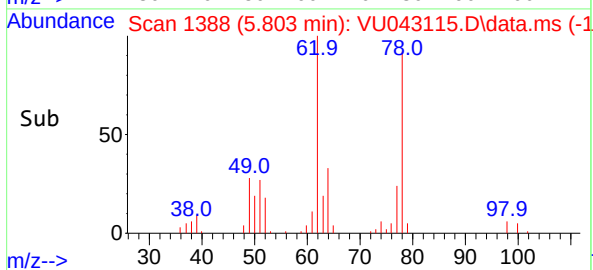
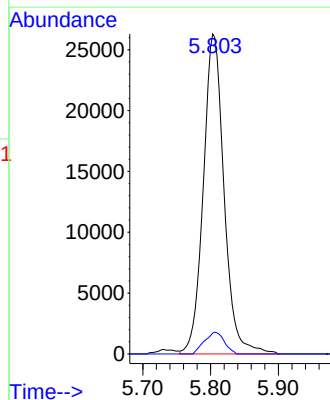
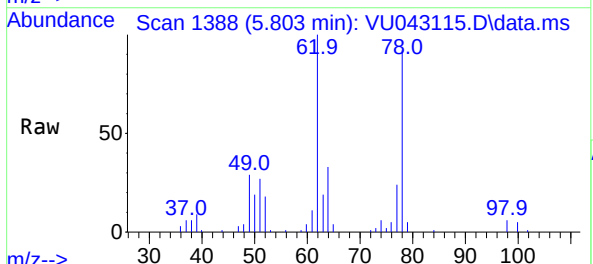
Tgt Ion: 83 Resp: 73867
Ion Ratio Lower Upper
83 100
85 63.5 45.6 84.8

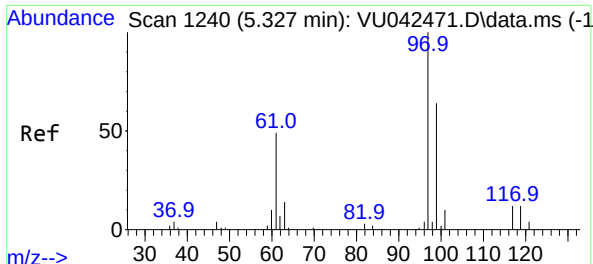


#27

1,2-Dichloroethane
Concen: 5.23 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion: 62 Resp: 55963
Ion Ratio Lower Upper
62 100
98 6.5 7.5 11.3#

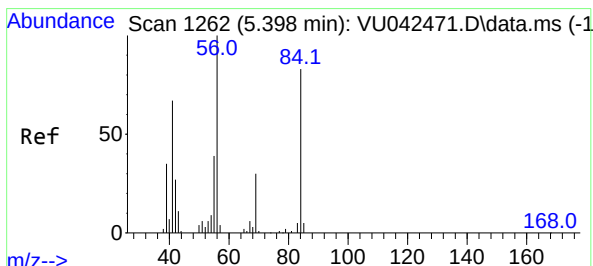
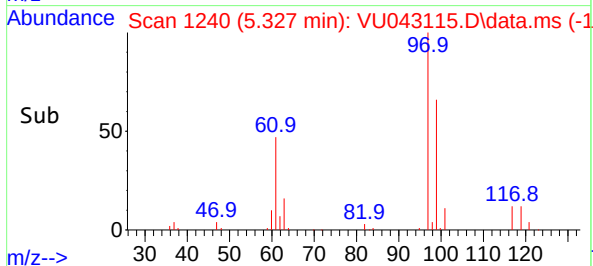
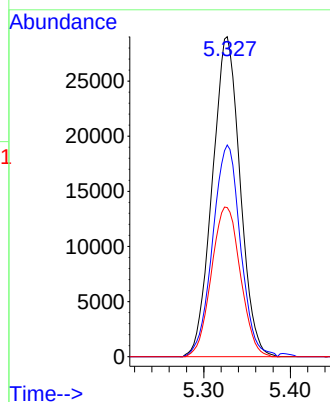
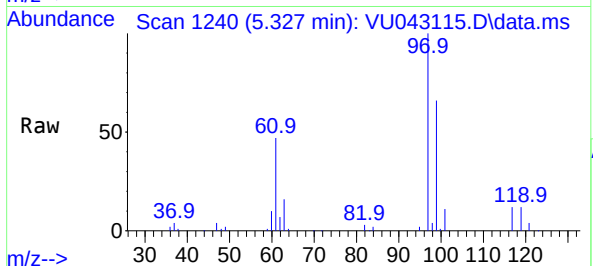




#29
1,1,1-Trichloroethane
Concen: 5.11 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

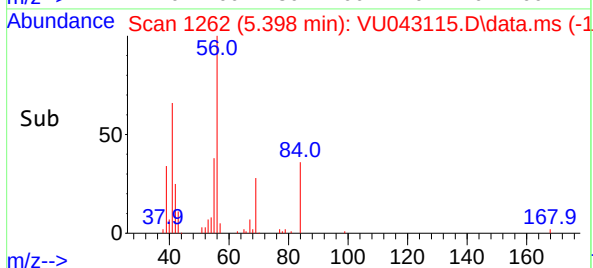
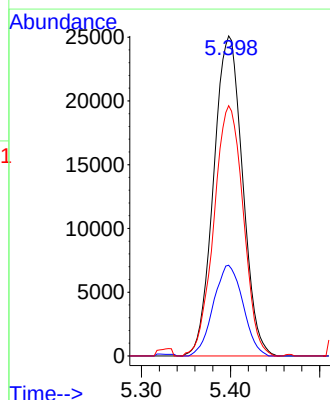
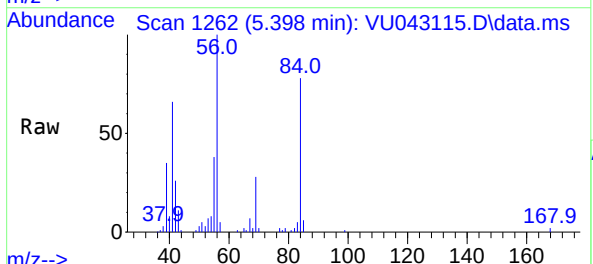
Instrument :
MSVOA_U
ClientSampleId :

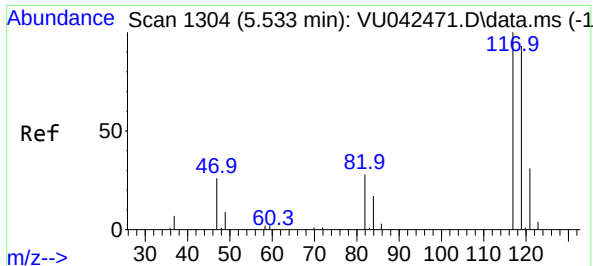
Tgt Ion: 97 Resp: 64608
Ion Ratio Lower Upper
97 100
99 66.4 50.3 75.5
61 48.8 32.7 49.1



#30
Cyclohexane
Concen: 5.22 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion: 56 Resp: 56588
Ion Ratio Lower Upper
56 100
69 29.0 25.2 37.8
84 79.4 76.2 114.4

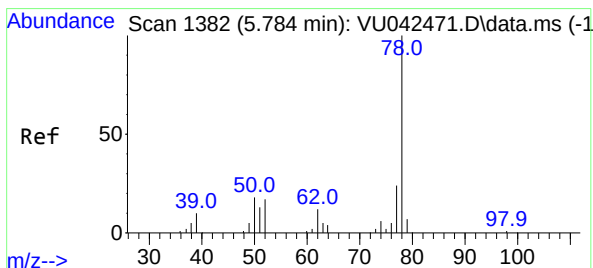
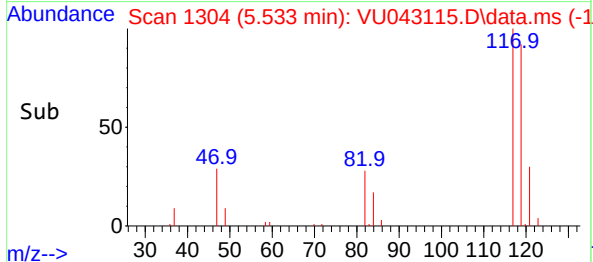
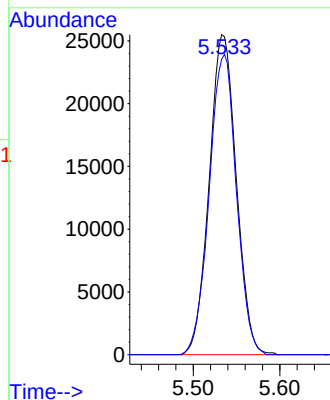
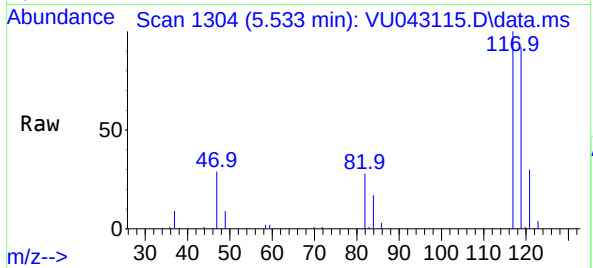




#31
Carbon tetrachloride
Concen: 5.25 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

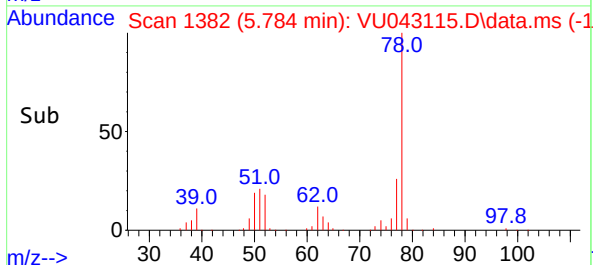
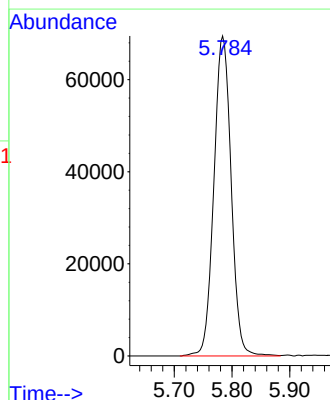
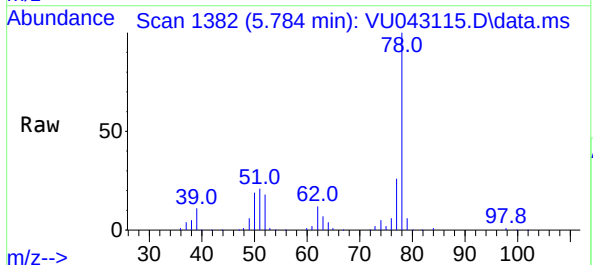
Instrument :
MSVOA_U
ClientSampled :

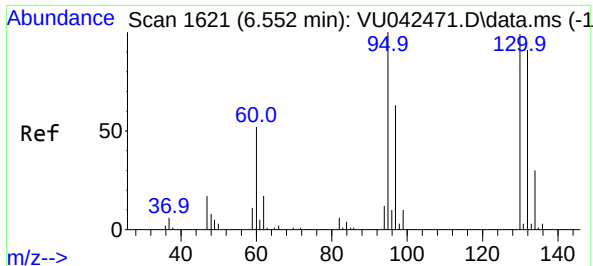
Tgt Ion:117 Resp: 55360
Ion Ratio Lower Upper
117 100
119 94.3 76.2 114.4



#33
Benzene
Concen: 5.26 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion: 78 Resp: 144168

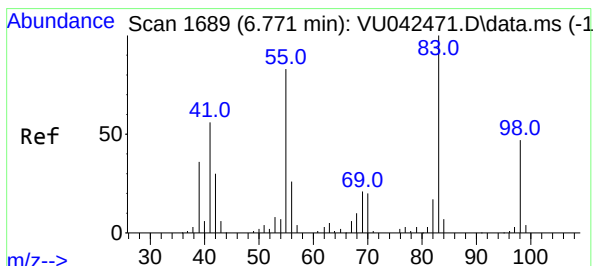
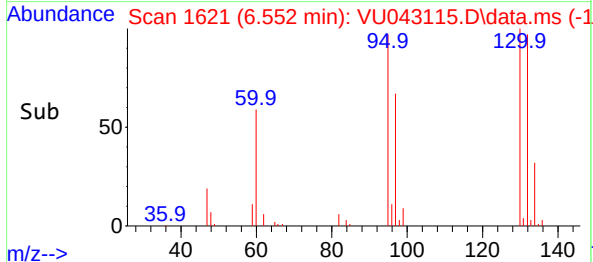
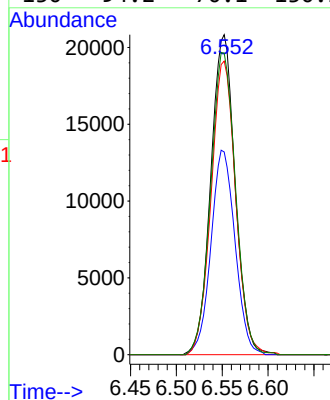
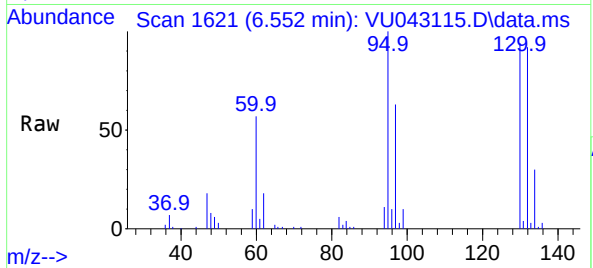




#34
Trichloroethene
Concen: 5.10 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

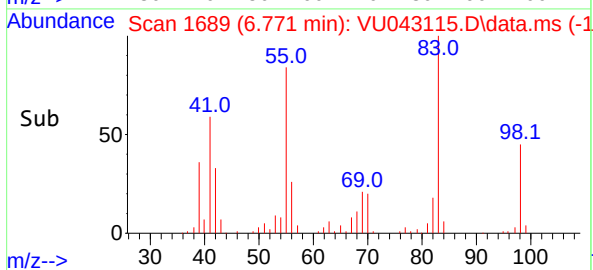
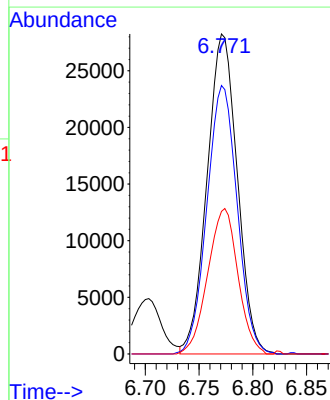
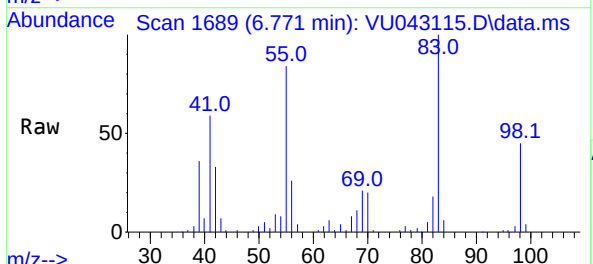
Instrument :
MSVOA_U
ClientSampleId :

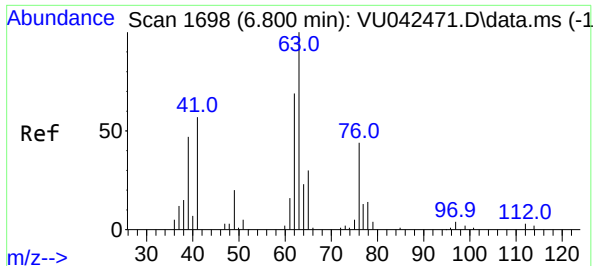
Tgt Ion: 95 Resp: 38440
Ion Ratio Lower Upper
95 100
97 63.4 45.8 85.2
132 91.7 68.7 127.7
130 94.2 70.1 130.3



#35
Methylcyclohexane
Concen: 5.29 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion: 83 Resp: 55205
Ion Ratio Lower Upper
83 100
55 83.9 59.5 89.3
98 45.5 37.9 56.9

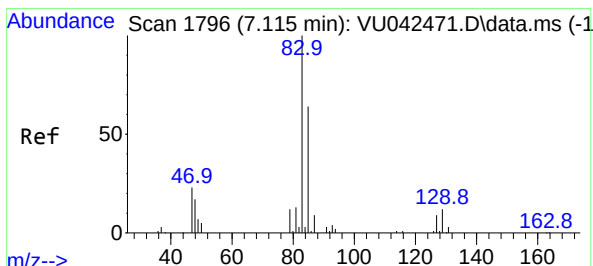
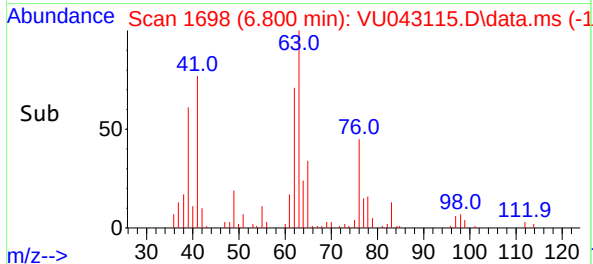
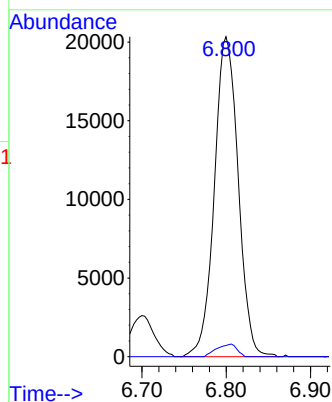
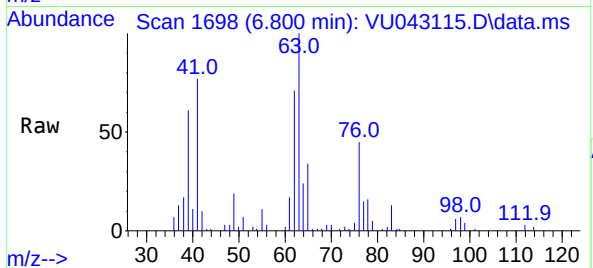




#37
1,2-Dichloropropane
Concen: 5.18 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

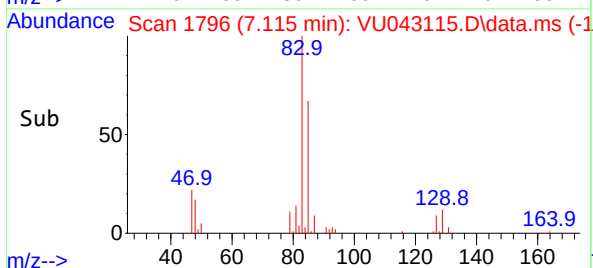
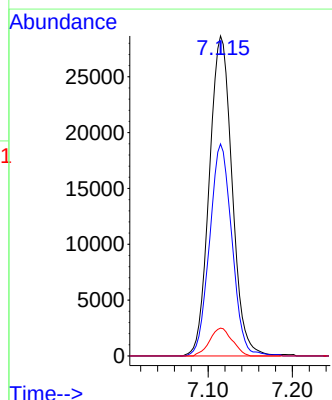
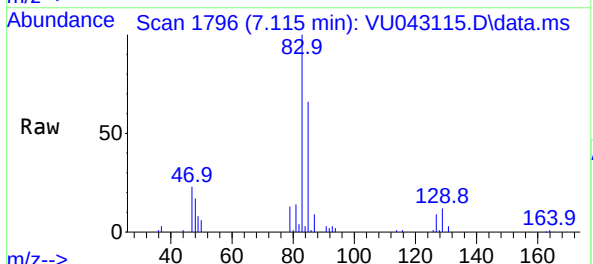
Instrument :
MSVOA_U
ClientSampleId :

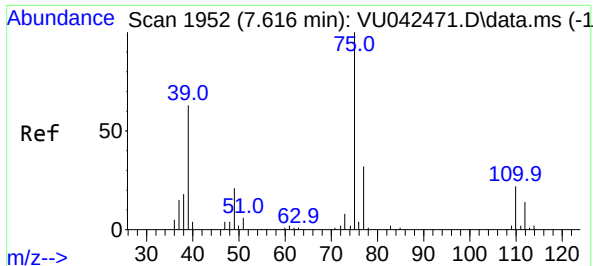
Tgt Ion: 63 Resp: 39925
Ion Ratio Lower Upper
63 100
112 3.4 3.5 5.3#



#38
Bromodichloromethane
Concen: 5.20 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion: 83 Resp: 53854
Ion Ratio Lower Upper
83 100
85 66.2 44.6 82.8
127 8.7 7.4 11.2

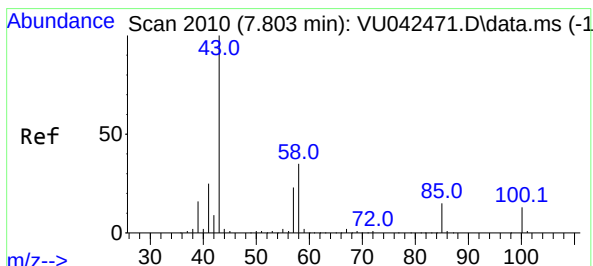
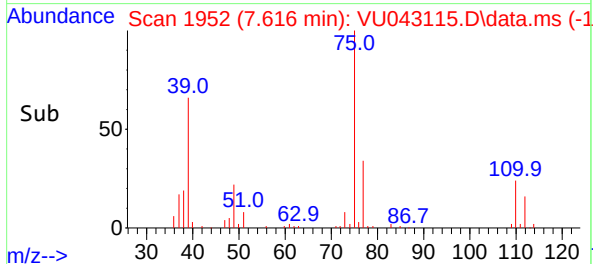
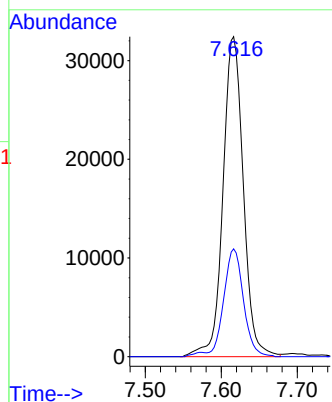
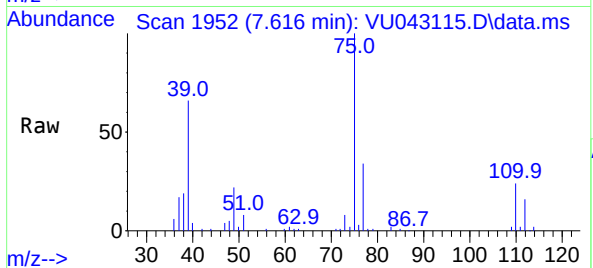




#39
cis-1,3-Dichloropropene
Concen: 5.35 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

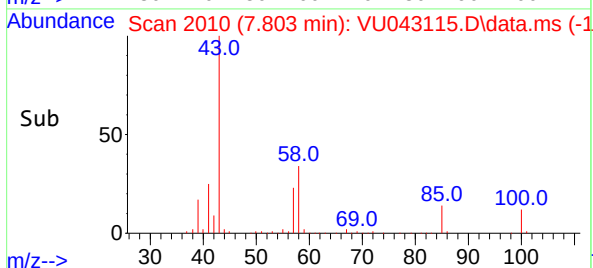
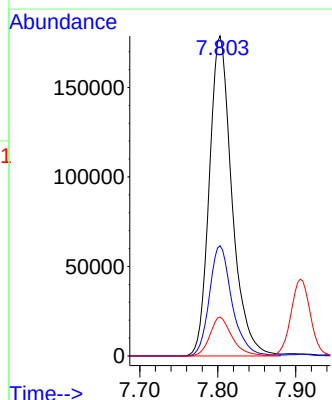
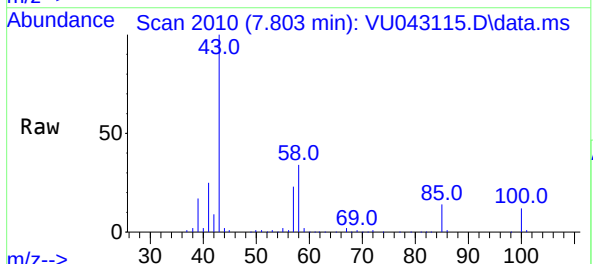
Instrument :
MSVOA_U
ClientSampled :

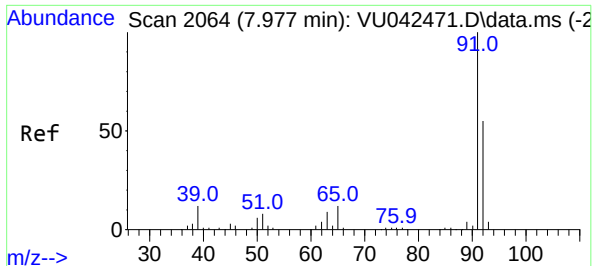
Tgt Ion: 75 Resp: 60285
Ion Ratio Lower Upper
75 100
77 33.7 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 52.29 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion: 43 Resp: 360765
Ion Ratio Lower Upper
43 100
58 34.6 35.8 53.6#
100 11.9 15.1 22.7#





#42

Toluene

Concen: 5.23 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU043115.D

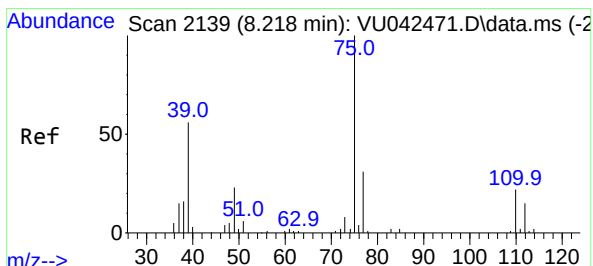
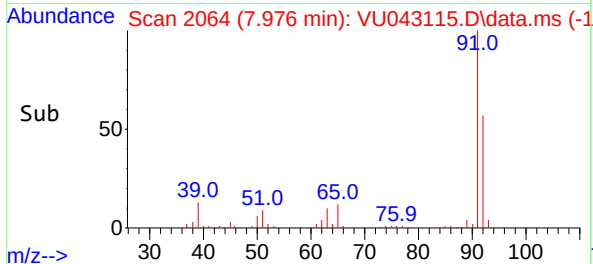
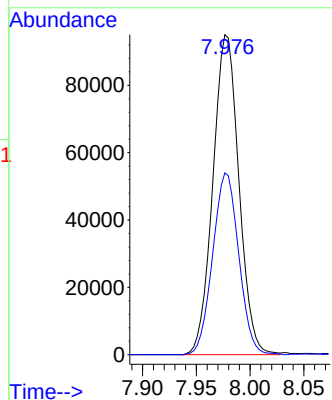
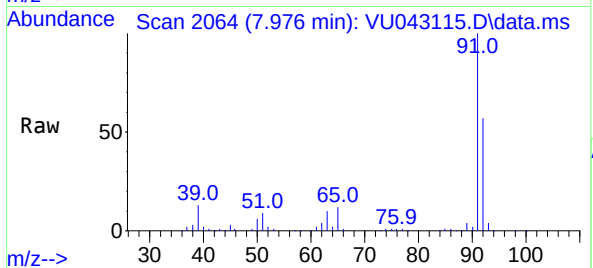
Acq: 15 Apr 2021 11:46

Tgt Ion: 91 Resp: 159963

Ion Ratio Lower Upper

91 100

92 56.8 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 5.14 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU043115.D

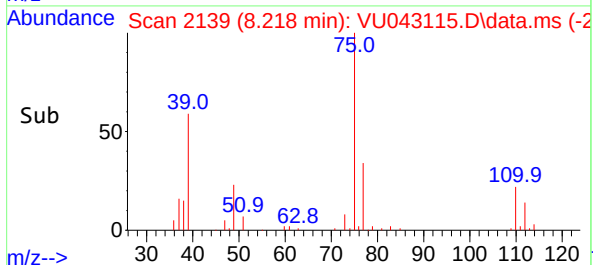
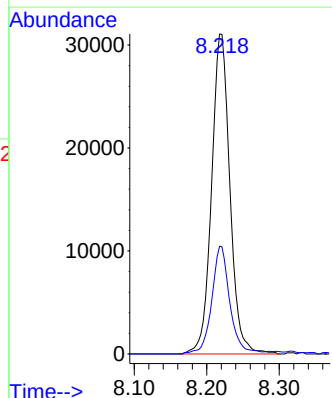
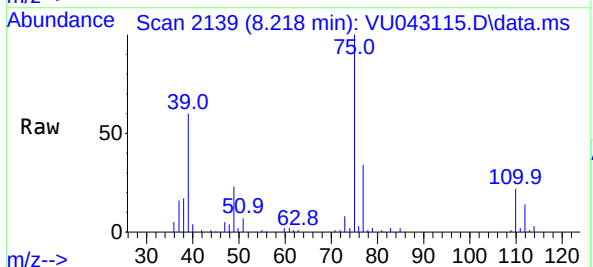
Acq: 15 Apr 2021 11:46

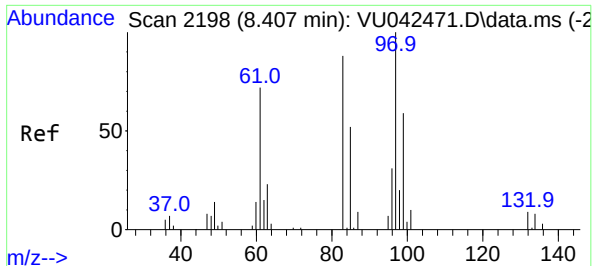
Tgt Ion: 75 Resp: 54606

Ion Ratio Lower Upper

75 100

77 33.6 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 4.99 ug/L

RT: 8.411 min Scan# 2199

Delta R.T. 0.003 min

Lab File: VU043115.D

Acq: 15 Apr 2021 11:46

Tgt Ion: 97 Resp: 28744

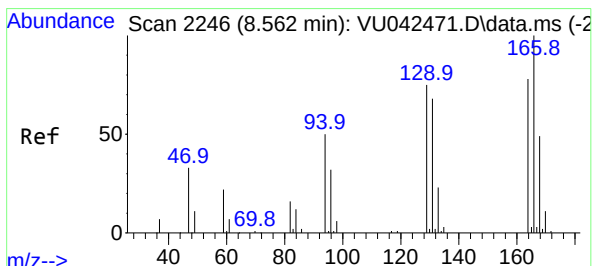
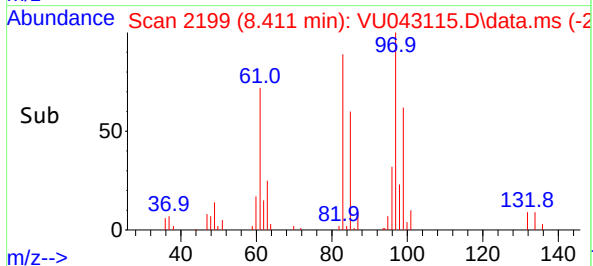
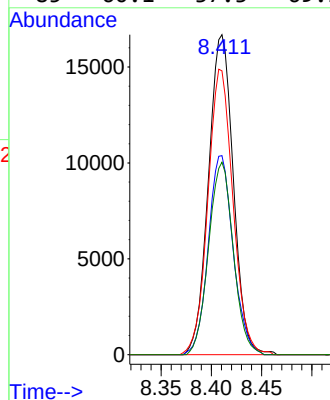
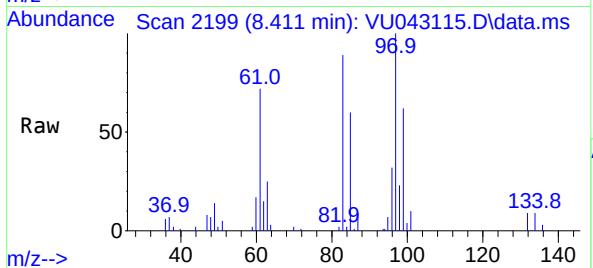
Ion Ratio Lower Upper

97 100

99 62.2 44.2 82.0

83 88.7 60.1 111.7

85 60.1 37.3 69.3



#47

Tetrachloroethene

Concen: 5.12 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU043115.D

Acq: 15 Apr 2021 11:46

Tgt Ion:164 Resp: 30595

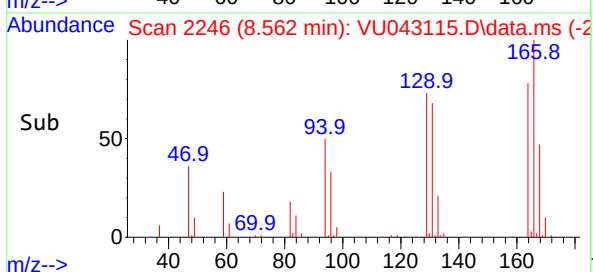
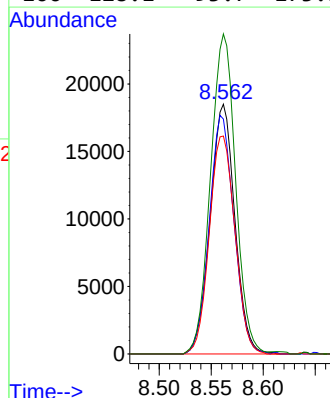
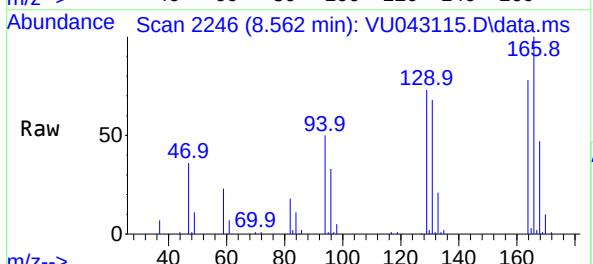
Ion Ratio Lower Upper

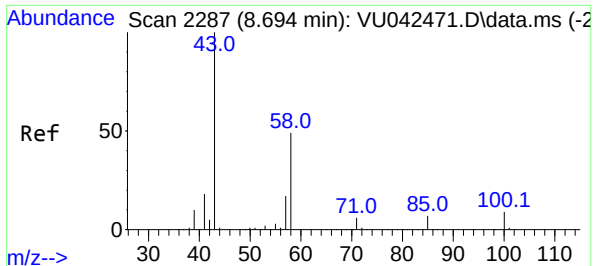
164 100

129 94.0 66.6 123.8

131 87.3 65.9 122.3

166 128.1 93.7 173.9

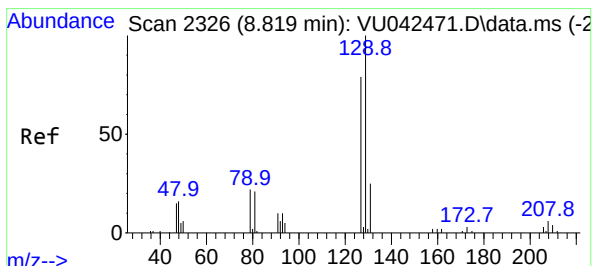
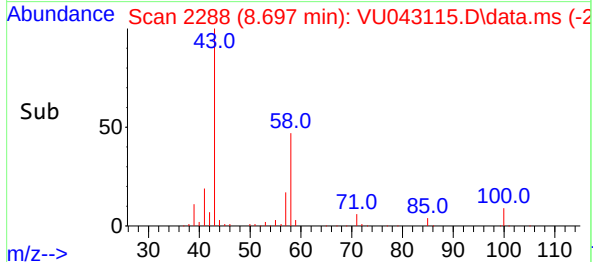
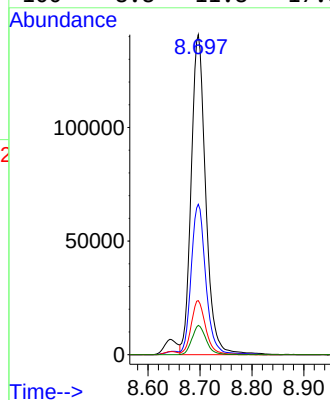
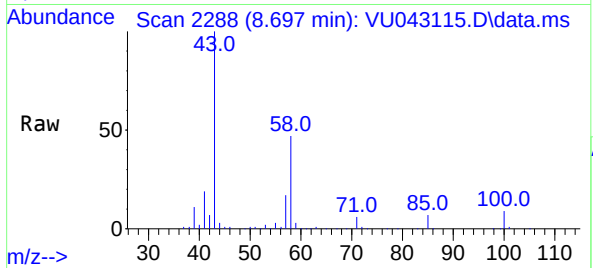




#48
2-Hexanone
Concen: 53.98 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

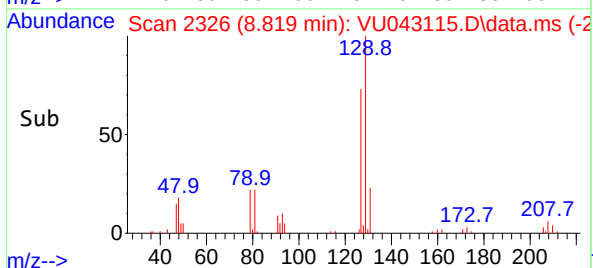
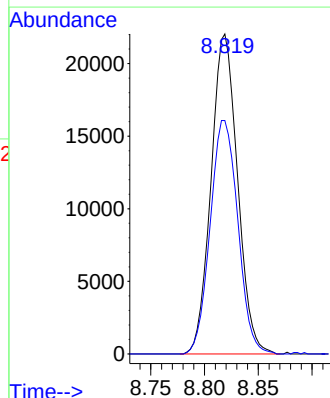
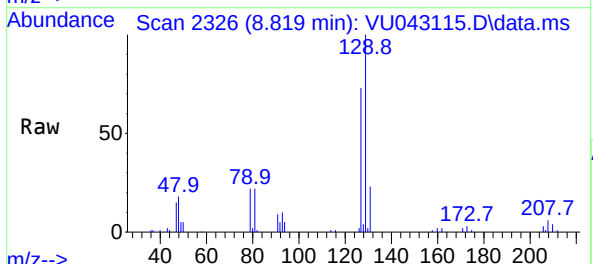
Instrument :
MSVOA_U
ClientSampleId :

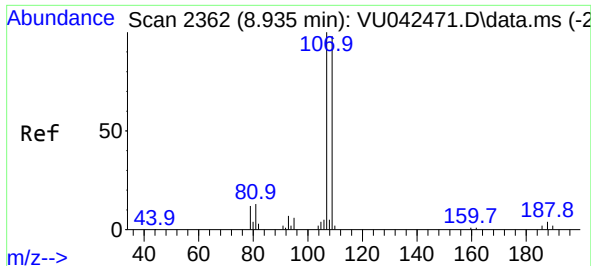
Tgt Ion: 43 Resp: 273998
Ion Ratio Lower Upper
43 100
58 47.4 50.0 75.0#
57 16.7 17.4 26.0#
100 8.8 11.8 17.8#



#49
Dibromochloromethane
Concen: 5.19 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion: 129 Resp: 37762
Ion Ratio Lower Upper
129 100
127 73.0 56.6 105.2

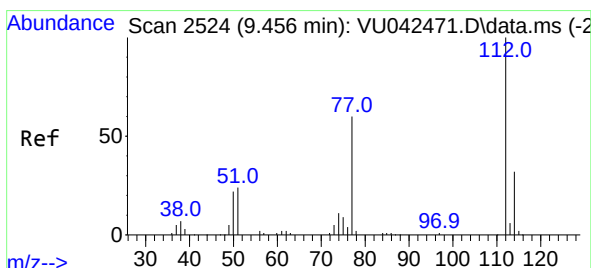
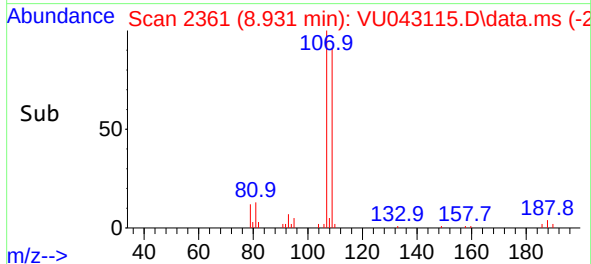
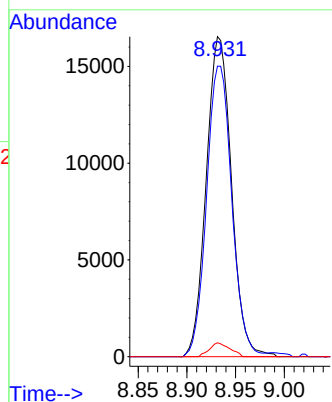
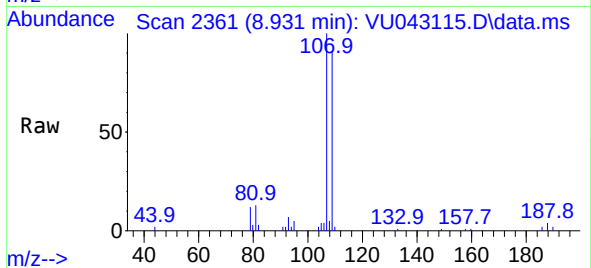




#50
1,2-Dibromoethane
Concen: 5.18 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

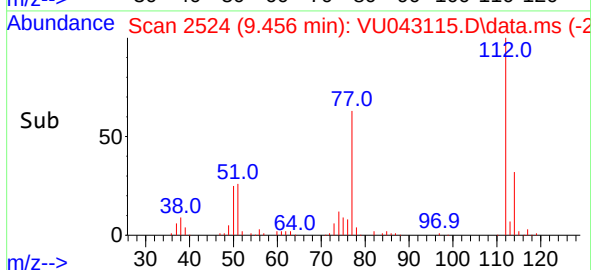
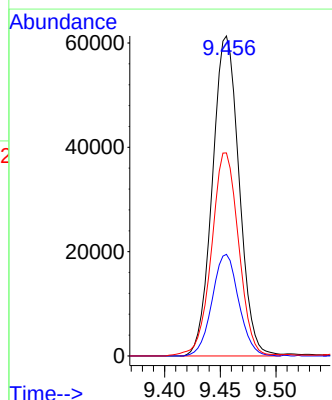
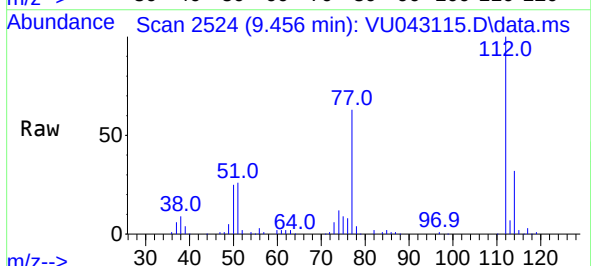
Instrument :
MSVOA_U
ClientSampled :

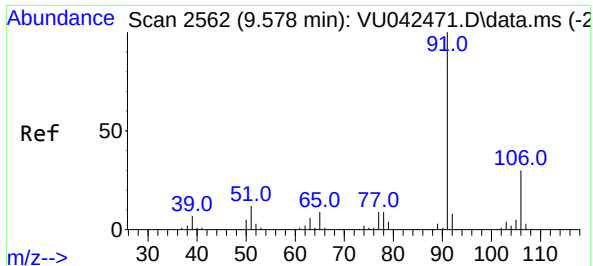
Tgt Ion:107 Resp: 29700
Ion Ratio Lower Upper
107 100
109 90.8 65.4 121.4
188 4.3 2.5 3.7#



#51
Chlorobenzene
Concen: 5.24 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion:112 Resp: 102325
Ion Ratio Lower Upper
112 100
114 31.8 21.9 40.7
77 63.4 45.1 67.7

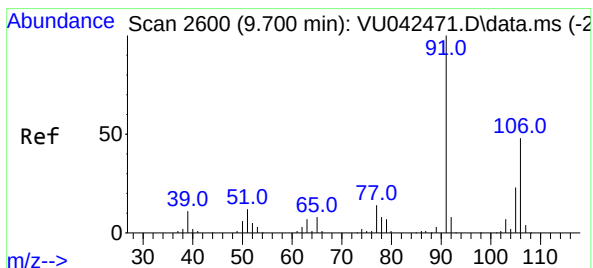
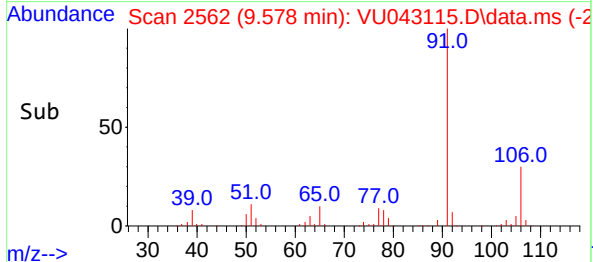
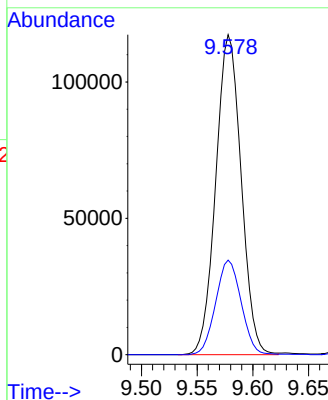
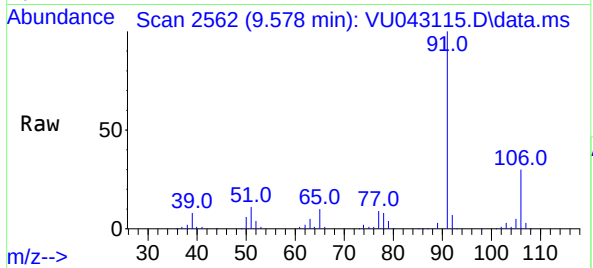




#52
Ethylbenzene
Concen: 5.30 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

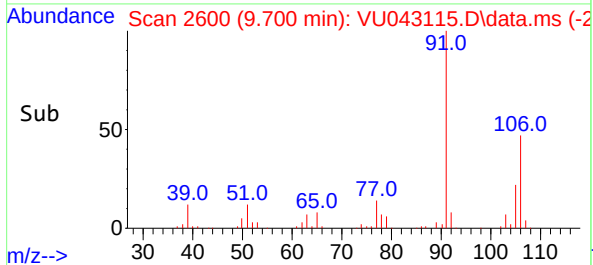
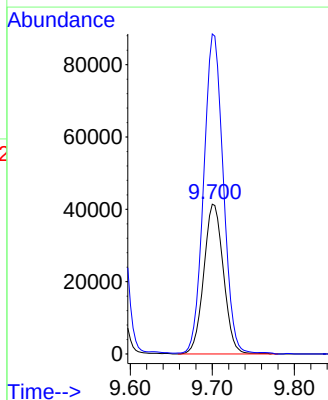
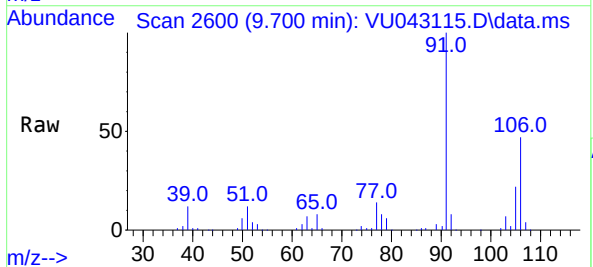
Instrument :
MSVOA_U
ClientSampled :

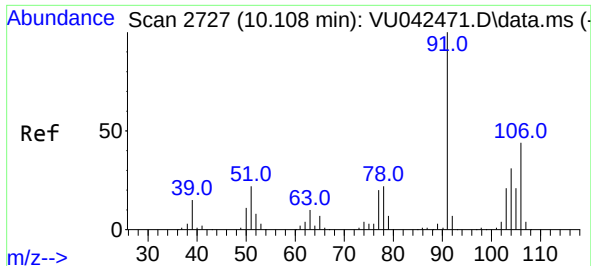
Tgt Ion: 91 Resp: 185715
Ion Ratio Lower Upper
91 100
106 29.5 22.0 40.8



#53
m,p-Xylene
Concen: 5.37 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion:106 Resp: 68892
Ion Ratio Lower Upper
106 100
91 213.7 137.6 255.6

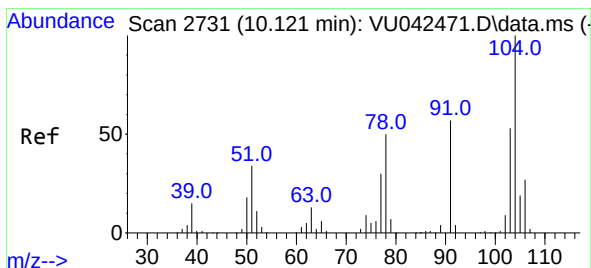
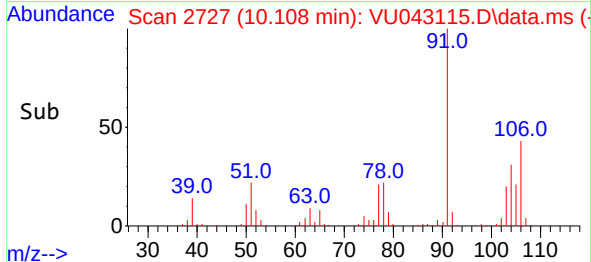
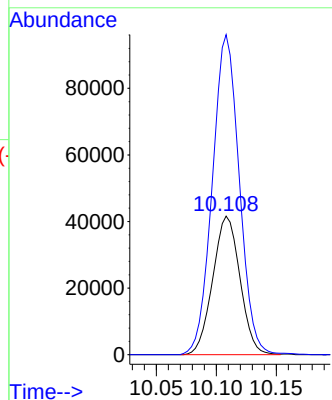
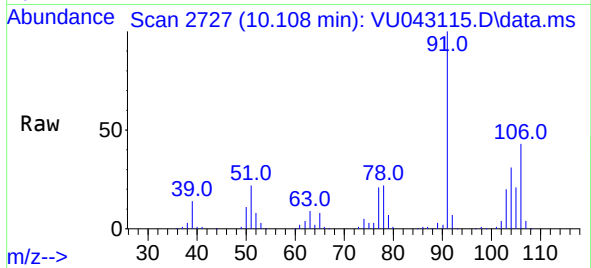




#54
o-Xylene
Concen: 5.17 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

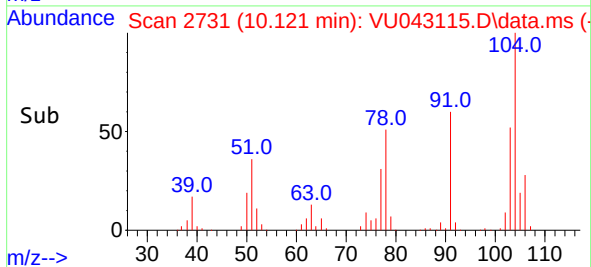
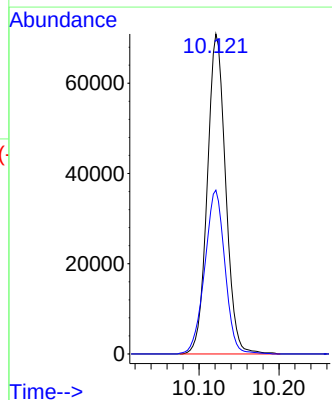
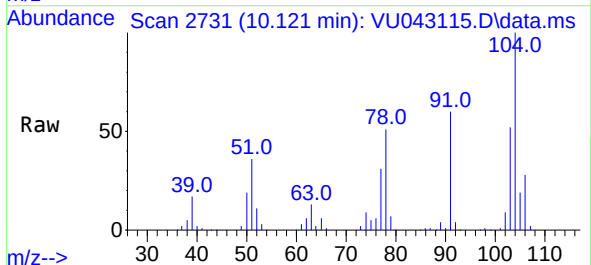
Instrument :
MSVOA_U
ClientSampleId :

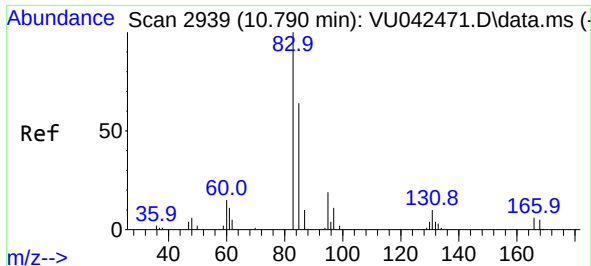
Tgt Ion:106 Resp: 65664
Ion Ratio Lower Upper
106 100
91 231.0 148.5 275.9



#55
Styrene
Concen: 5.21 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion:104 Resp: 113315
Ion Ratio Lower Upper
104 100
78 51.2 32.3 60.1

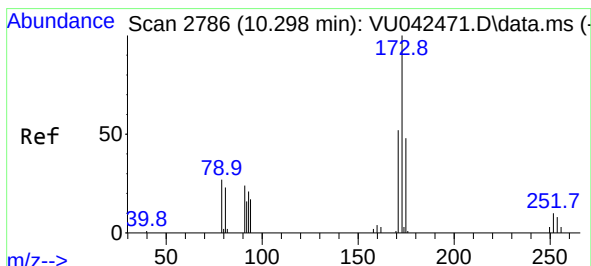
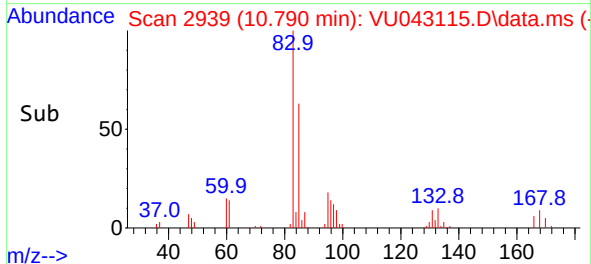
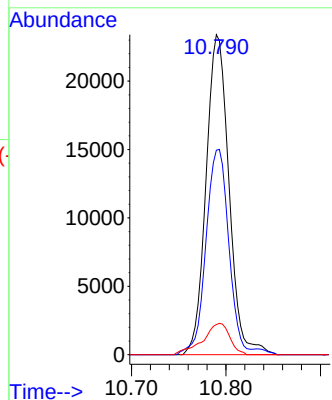
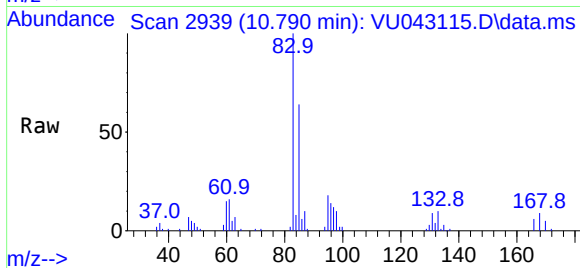




#57
1,1,2,2-Tetrachloroethane
Concen: 5.20 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

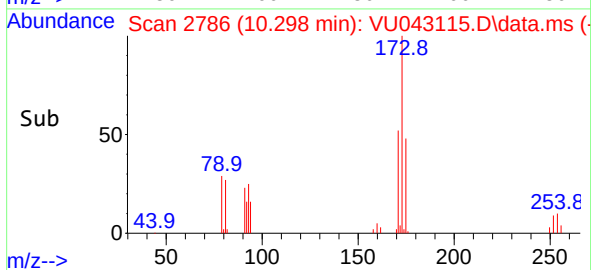
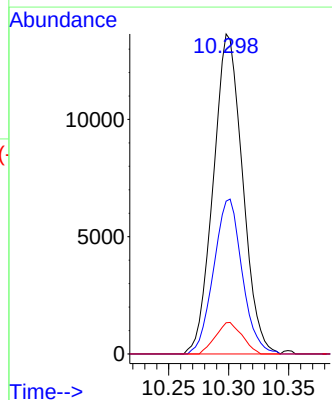
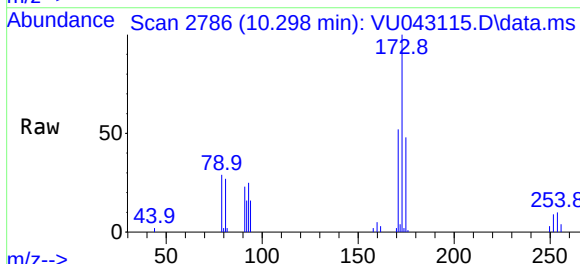
Instrument :
MSVOA_U
ClientSampleId :

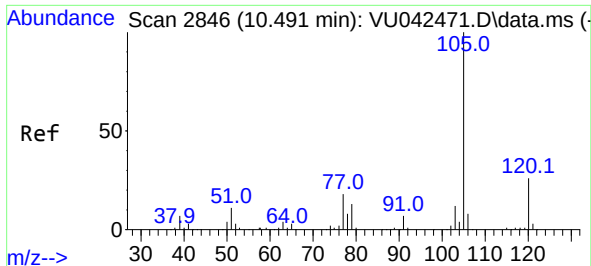
Tgt Ion:	83	Resp:	39418
Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.9	83.5
131	9.4	8.2	12.4



#59
Bromoform
Concen: 5.07 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion:	173	Resp:	23160
Ion	Ratio	Lower	Upper
173	100		
175	47.1	39.4	59.0
254	8.9	8.0	12.0

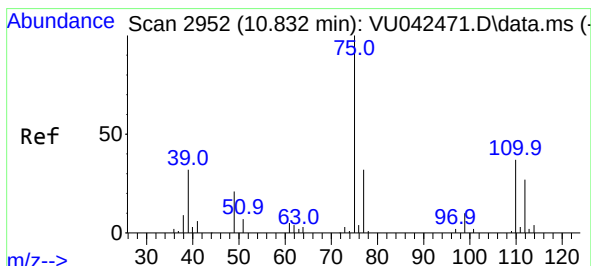
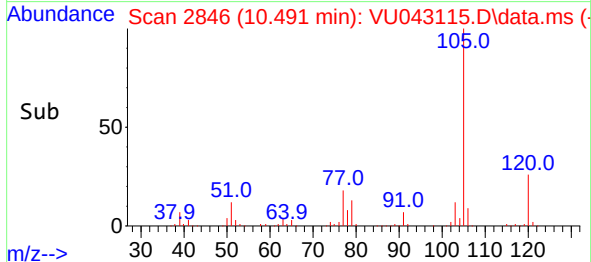
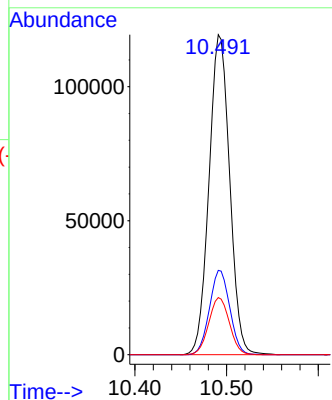
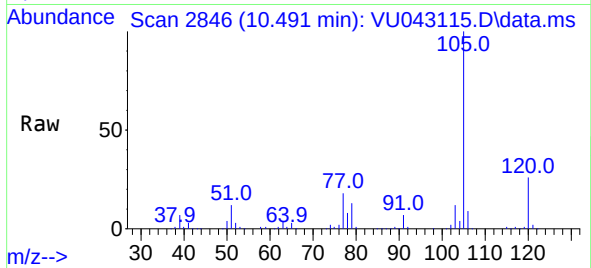




#60
Isopropylbenzene
Concen: 5.21 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

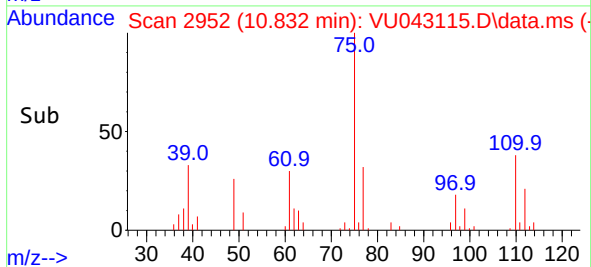
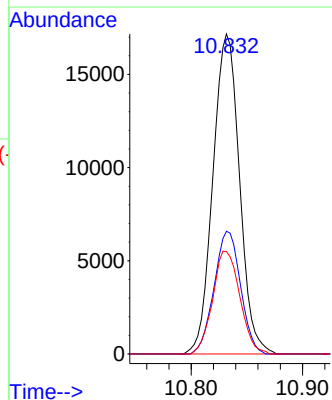
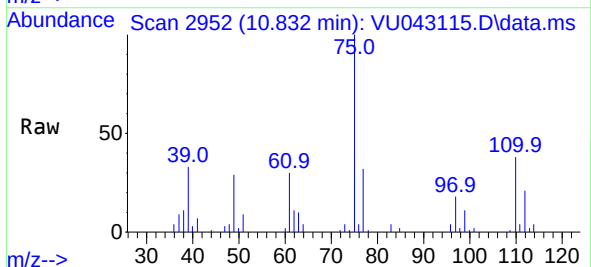
Instrument :
MSVOA_U
ClientSampled :

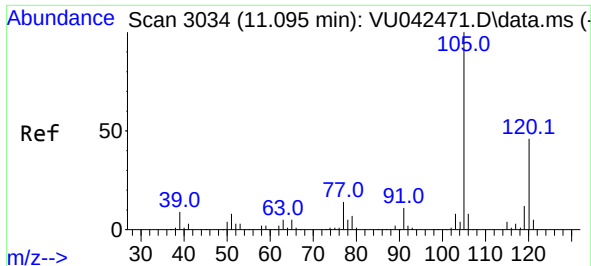
Tgt Ion:105 Resp: 186772
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3
77 17.8 11.8 17.8#



#61
1,2,3-Trichloropropane
Concen: 4.93 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion: 75 Resp: 28437
Ion Ratio Lower Upper
75 100
110 38.1 31.5 47.3
77 32.9 26.3 39.5

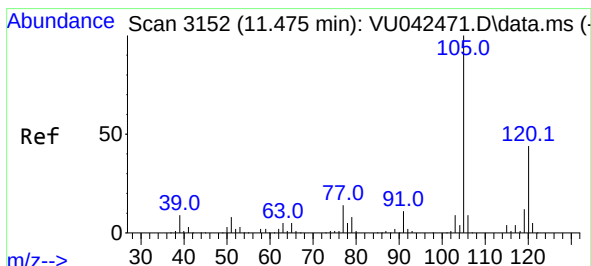
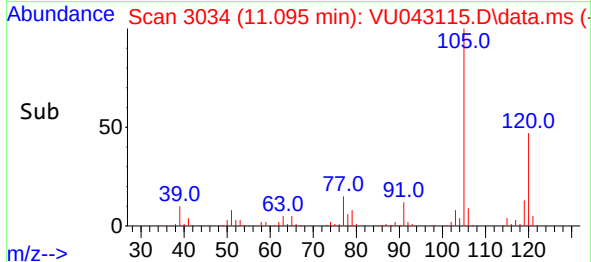
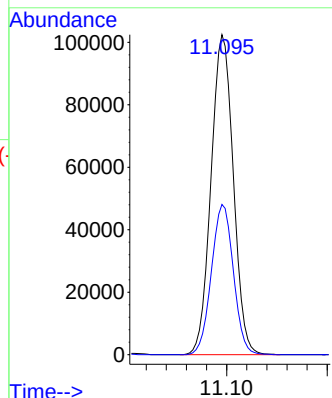
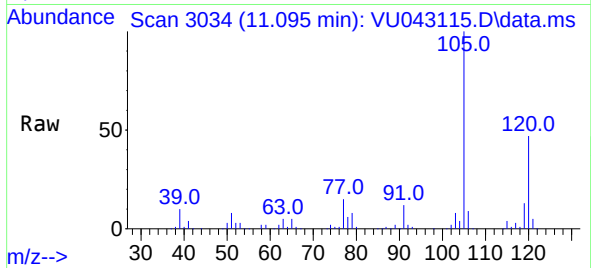




#62
1,3,5-Trimethylbenzene
Concen: 5.37 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

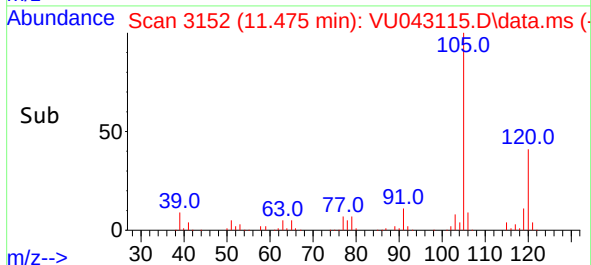
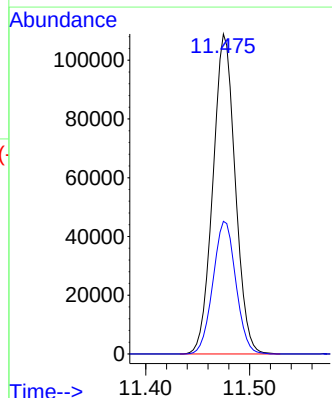
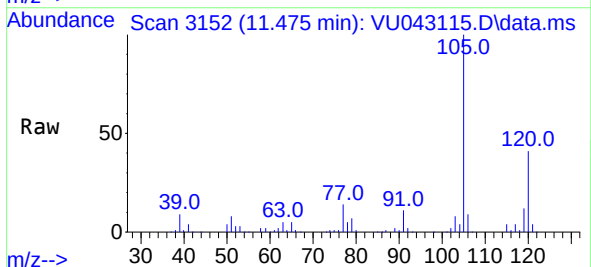
Instrument :
MSVOA_U
ClientSampleId :

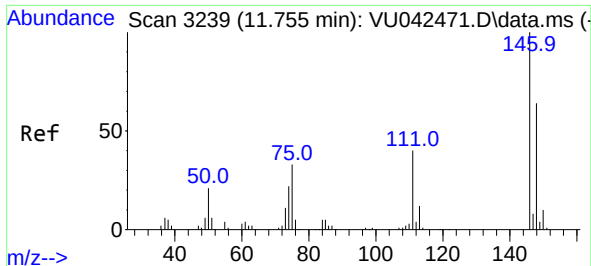
Tgt Ion:105 Resp: 157453
Ion Ratio Lower Upper
105 100
120 46.4 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 5.39 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion:105 Resp: 162606
Ion Ratio Lower Upper
105 100
120 42.4 36.7 55.1

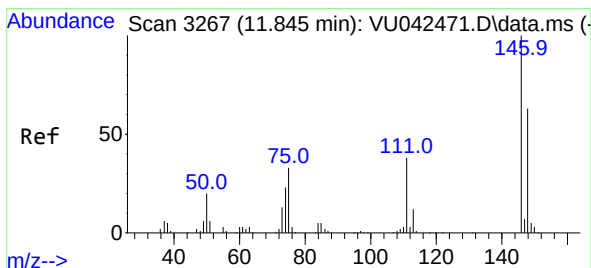
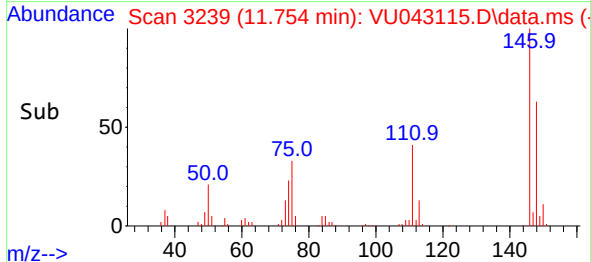
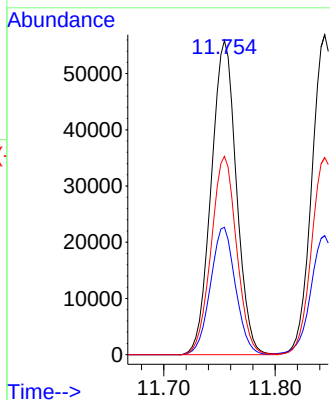
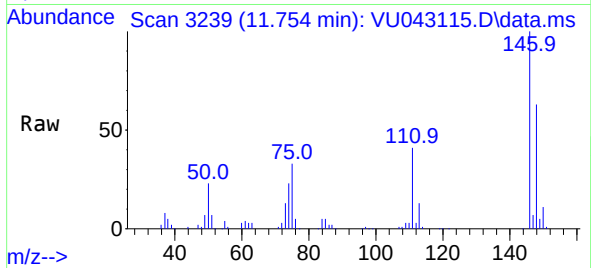




#64
1,3-Dichlorobenzene
Concen: 5.15 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

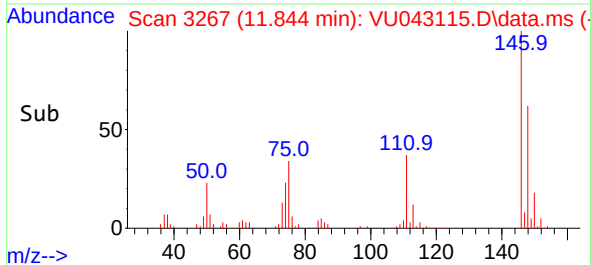
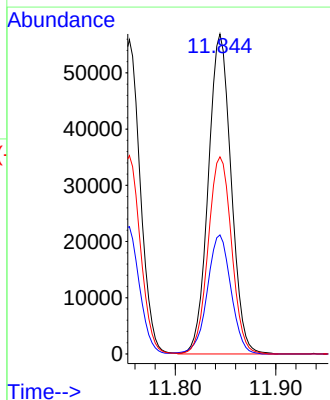
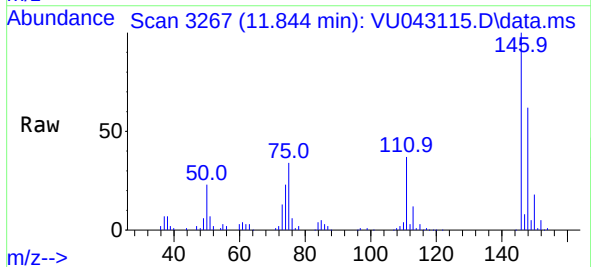
Instrument :
MSVOA_U
ClientSampleId :

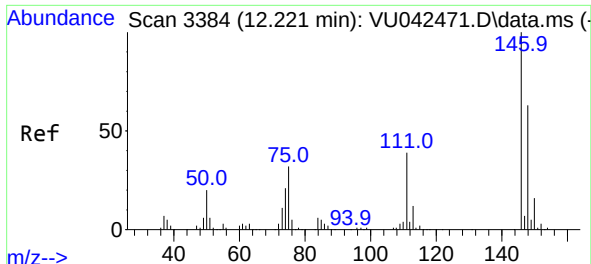
Tgt Ion:146 Resp: 87710
Ion Ratio Lower Upper
146 100
111 40.5 27.6 51.2
148 63.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.21 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion:146 Resp: 89899
Ion Ratio Lower Upper
146 100
111 37.2 26.7 49.5
148 61.6 43.9 81.5

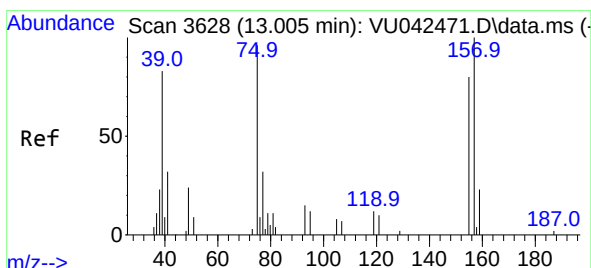
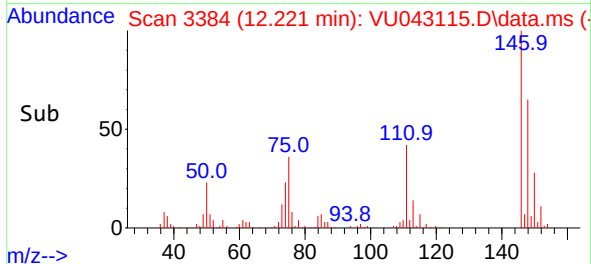
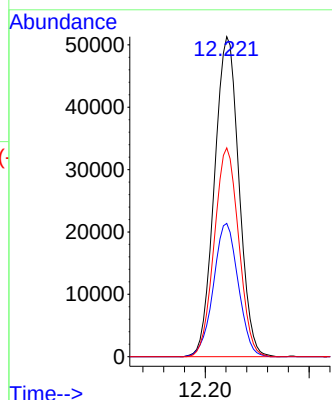
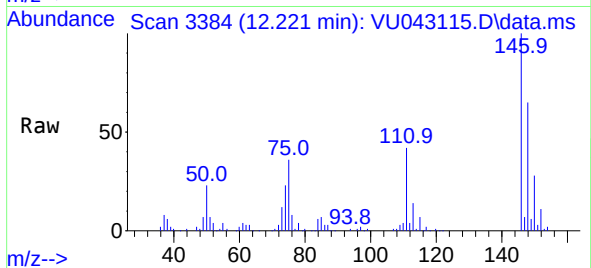




#67
1,2-Dichlorobenzene
Concen: 5.08 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

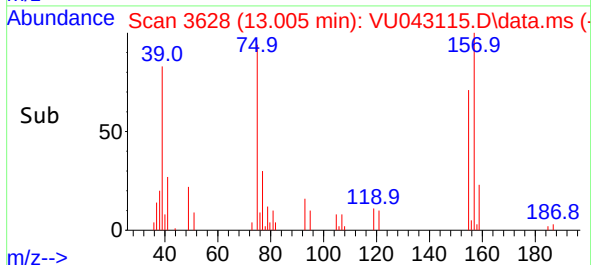
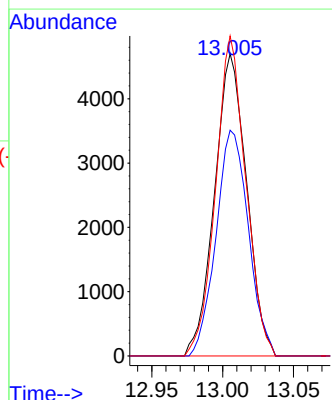
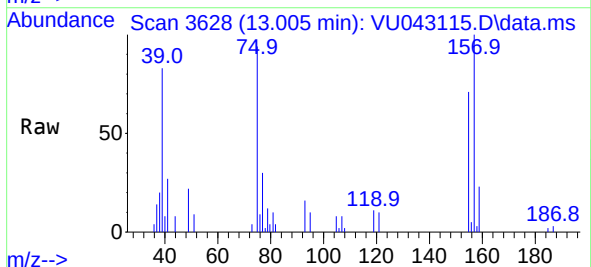
Instrument :
MSVOA_U
ClientSampleId :

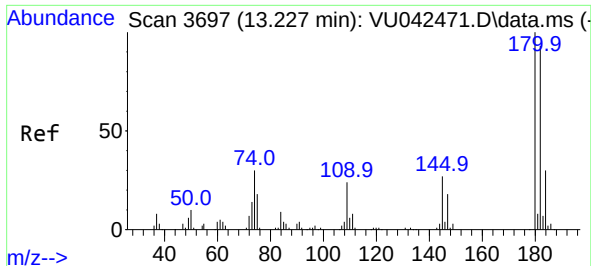
Tgt Ion:146 Resp: 84029
Ion Ratio Lower Upper
146 100
111 41.7 31.9 47.9
148 65.3 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.27 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion: 75 Resp: 7404
Ion Ratio Lower Upper
75 100
155 74.7 67.8 101.8
157 105.8 82.4 123.6



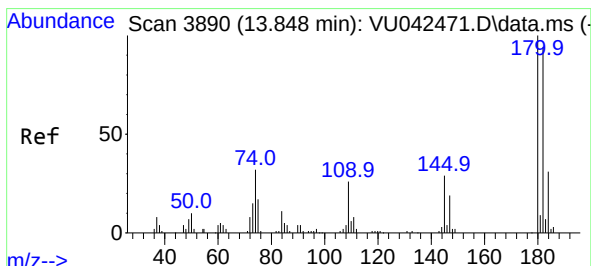
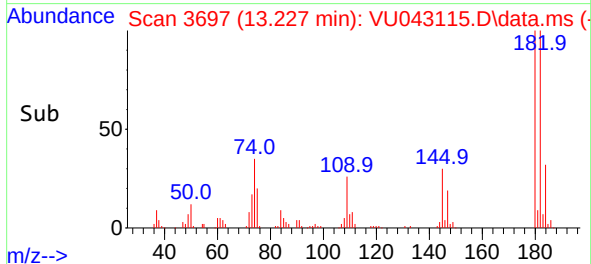
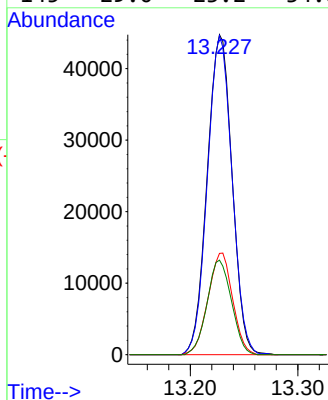
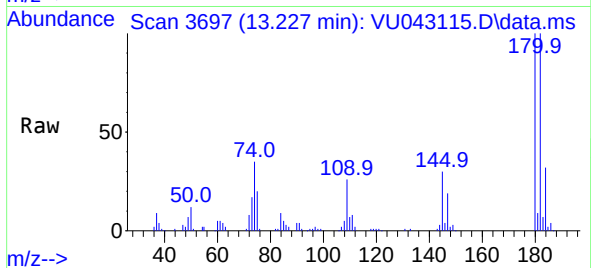


#69
1,3,5-Trichlorobenzene
Concen: 5.14 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 71766

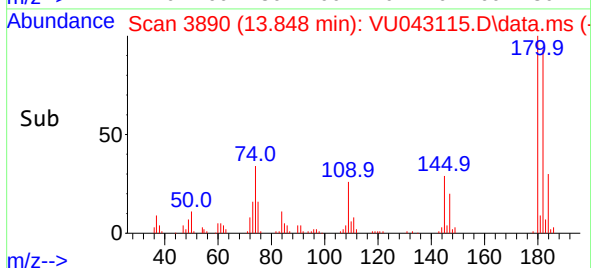
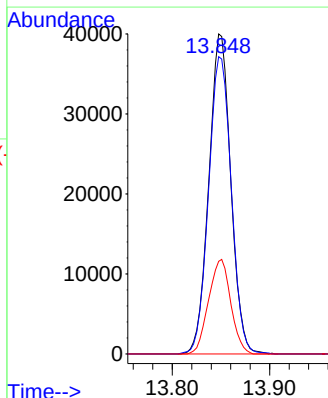
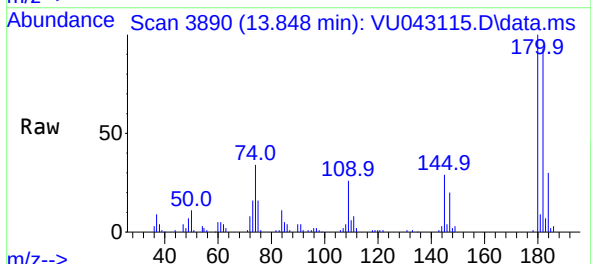
Ion	Ratio	Lower	Upper
180	100		
182	98.7	76.1	114.1
184	31.5	24.0	36.0
145	29.0	23.2	34.8

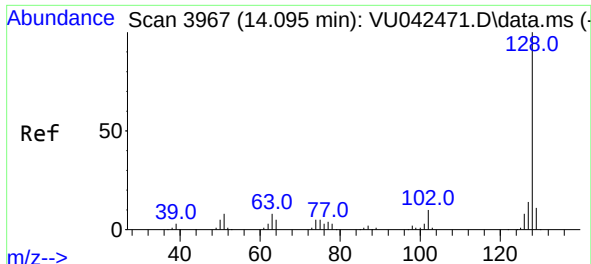


#70
1,2,4-trichlorobenzene
Concen: 5.41 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

Tgt Ion:180 Resp: 62545

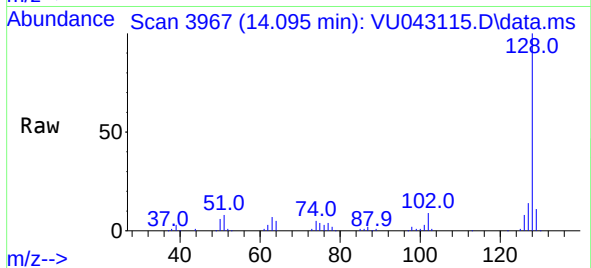
Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.5	114.7
145	29.8	24.1	36.1



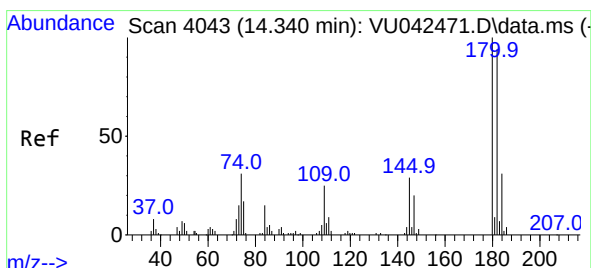
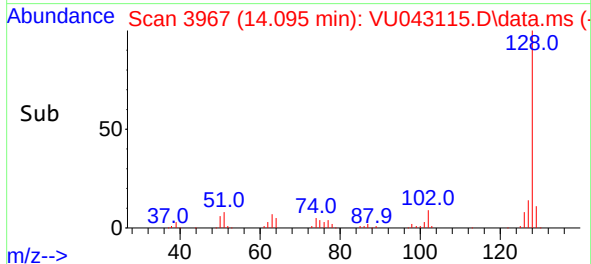
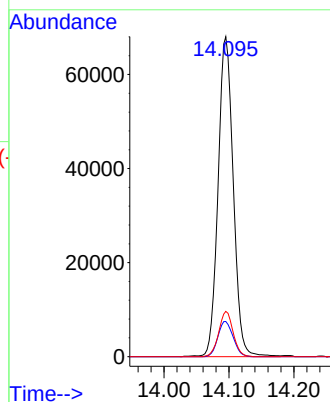


#71
Naphthalene
Concen: 5.64 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46

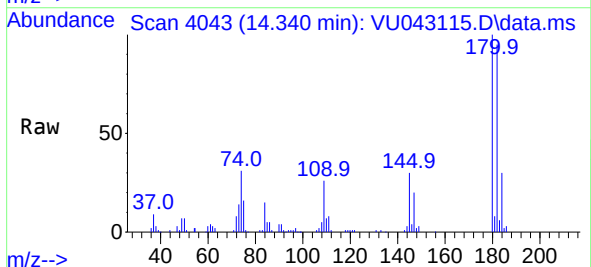
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 110048
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.4 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.48 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU043115.D
Acq: 15 Apr 2021 11:46



Tgt Ion:180 Resp: 58071
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.8
145 30.4 25.0 37.4

