

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030421\
 Data File : VU042476.D
 Acq On : 04 Mar 2021 10:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

Quant Time: Mar 05 00:27:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 03 15:58:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	105531	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	101706	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	57056	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30796	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.919	69	24901	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.575	63	74949	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	4.646	46	83701	36.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.48%
24) Chloroform-d	5.077	84	66271	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.710	65	41746	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.736	84	115723	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.700	67	38373	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.906	98	118917	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloroprop...	8.189	79	18422	4.90	ug/L	0.00
46) 2-Hexanone-d5	8.646	63	86183	47.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.78%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35602	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.202	152	47784	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%
Target Compounds						
2) Dichlorodifluoromethane	1.389	85	49479	5.04	ug/L	100
3) Chloromethane	1.524	50	44539	4.79	ug/L	99
5) Vinyl chloride	1.607	62	45877	4.91	ug/L	98
6) Bromomethane	1.864	94	26381	5.12	ug/L	100
8) Chloroethane	1.938	64	28842	5.17	ug/L	99
9) Trichlorofluoromethane	2.144	101	76175	5.00	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	41582	5.19	ug/L	98
12) 1,1-Dichloroethene	2.588	96	37757	5.08	ug/L	98
13) Acetone	2.649	43	68248	38.34	ug/L	97
14) Carbon disulfide	2.800	76	118813	5.02	ug/L	98
15) Methyl Acetate	2.961	43	19241	4.35	ug/L	94
16) Methylene chloride	3.054	84	40224	4.52	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	103451	4.95	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	39181	5.01	ug/L	96
19) 1,1-Dichloroethane	3.880	63	76260	5.06	ug/L	99
21) 2-Butanone	4.723	43	119748	39.58	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	42304	5.06	ug/L	96
23) Bromochloromethane	4.987	128	20104	5.06	ug/L	96
25) Chloroform	5.099	83	79441	5.01	ug/L	100
27) 1,2-Dichloroethane	5.803	62	58234	4.90	ug/L #	93
29) 1,1,1-Trichloroethane	5.327	97	71813	5.08	ug/L	96

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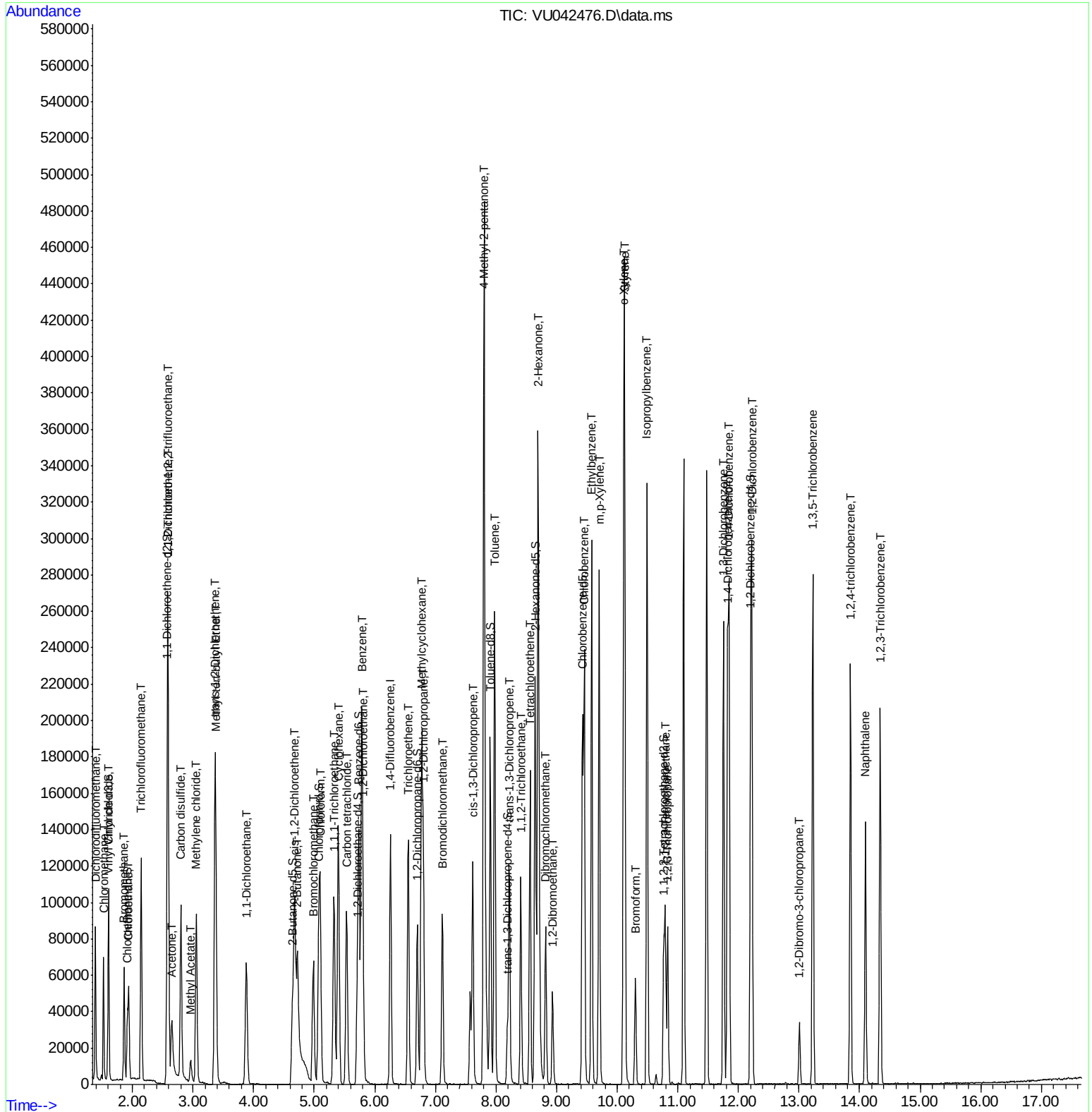
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

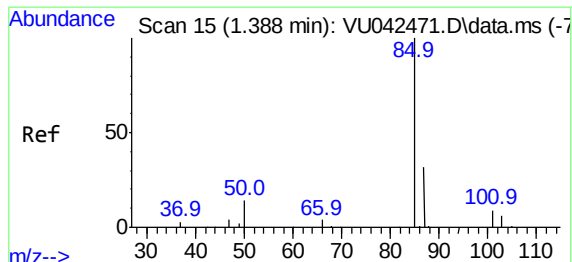
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.398	56	70138	4.97	ug/L	100
31) Carbon tetrachloride	5.533	117	63567	5.10	ug/L	100
33) Benzene	5.784	78	161335	5.07	ug/L	100
34) Trichloroethene	6.552	95	44243	5.01	ug/L	98
35) Methylcyclohexane	6.771	83	67635	5.04	ug/L	98
37) 1,2-Dichloropropane	6.800	63	44552	5.19	ug/L #	97
38) Bromodichloromethane	7.115	83	58505	5.22	ug/L	100
39) cis-1,3-Dichloropropene	7.617	75	66097	5.28	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	387333	51.71	ug/L	96
42) Toluene	7.977	91	178735	5.15	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	61641	5.34	ug/L	98
45) 1,1,2-Trichloroethane	8.411	97	32751	5.17	ug/L	95
47) Tetrachloroethene	8.562	164	36490	5.07	ug/L	98
48) 2-Hexanone	8.694	43	287946	52.10	ug/L	95
49) Dibromochloromethane	8.819	129	42857	5.41	ug/L	98
50) 1,2-Dibromoethane	8.932	107	33428	5.35	ug/L	97
51) Chlorobenzene	9.456	112	113529	5.12	ug/L	99
52) Ethylbenzene	9.578	91	201705	5.16	ug/L	100
53) m,p-Xylene	9.703	106	74936	5.18	ug/L	99
54) o-Xylene	10.109	106	73345	5.23	ug/L	99
55) Styrene	10.121	104	125323	5.26	ug/L	98
56) Isopropylbenzene	10.491	105	201870	5.24	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.793	83	44743	5.27	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	32172	4.98	ug/L	99
61) Bromoform	10.301	173	26976	5.24	ug/L	99
62) 1,3-Dichlorobenzene	11.755	146	98597	5.01	ug/L	99
63) 1,4-Dichlorobenzene	11.845	146	98948	5.04	ug/L	97
65) 1,2-Dichlorobenzene	12.221	146	94213	4.97	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.006	75	8120	5.10	ug/L	93
67) 1,3,5-Trichlorobenzene	13.227	180	83292	4.88	ug/L	98
68) 1,2,4-trichlorobenzene	13.851	180	68623	4.86	ug/L	99
69) Naphthalene	14.095	128	109214	4.76	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	62755	4.90	ug/L	99

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

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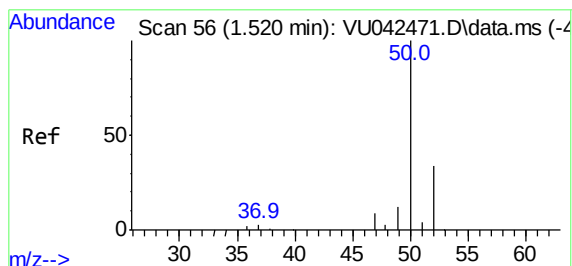
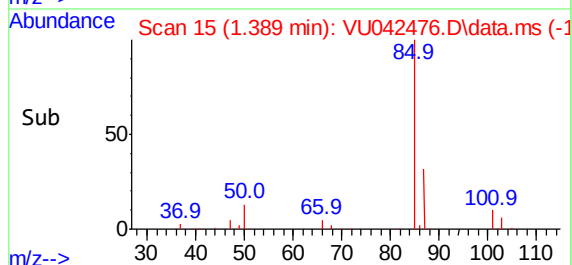
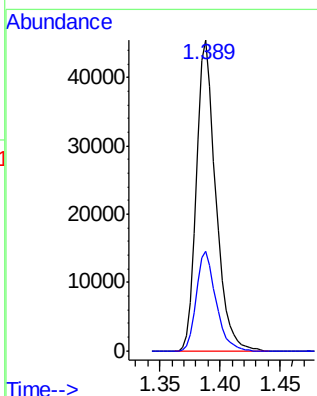
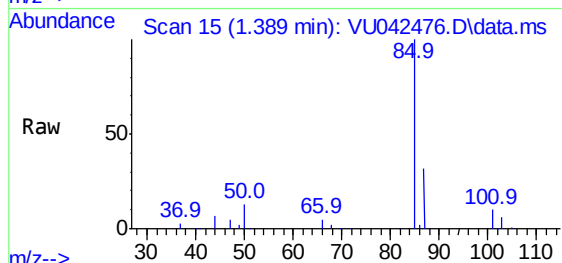


#2

Dichlorodifluoromethane
Concen: 5.04 ug/L
RT: 1.389 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

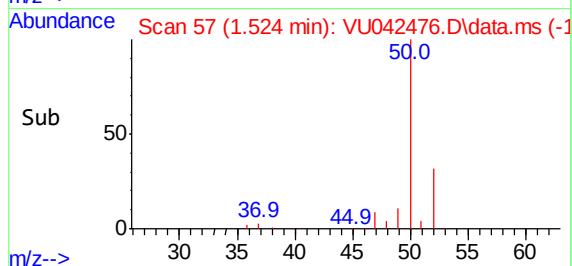
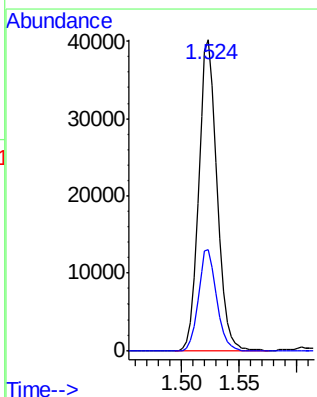
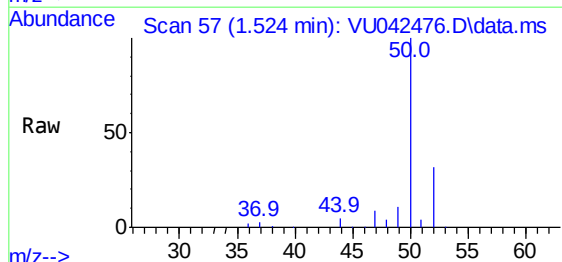
Tgt Ion: 85 Resp: 49479
Ion Ratio Lower Upper
85 100
87 32.4 26.1 39.1

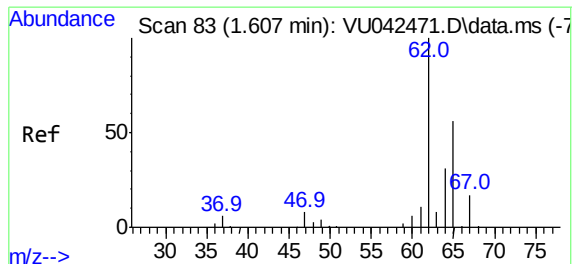


#3

Chloromethane
Concen: 4.79 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 50 Resp: 44539
Ion Ratio Lower Upper
50 100
52 32.4 23.0 42.8

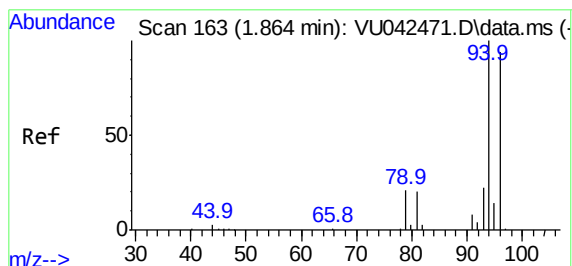
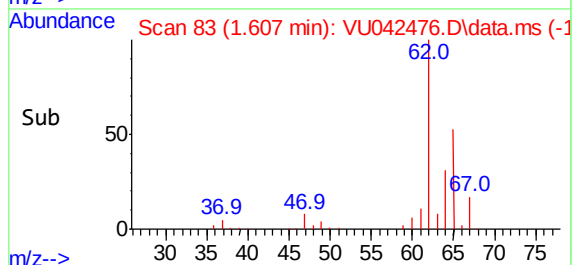
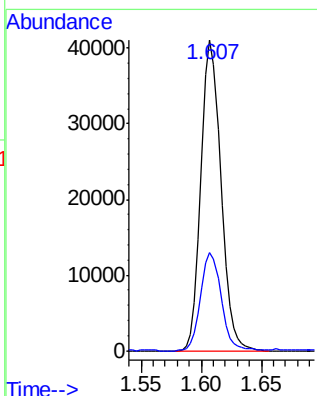
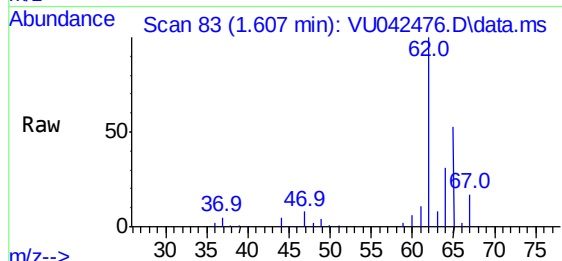




#5
 Vinyl chloride
 Concen: 4.91 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042476.D
 Acq: 04 Mar 2021 10:44

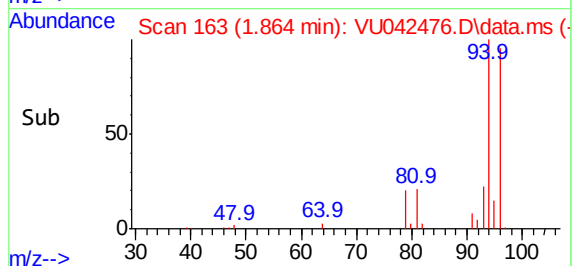
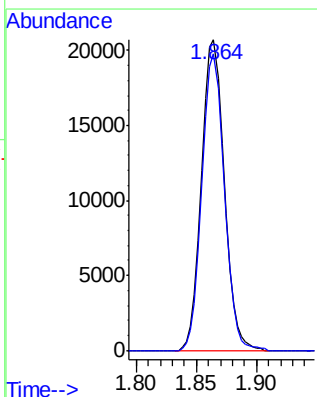
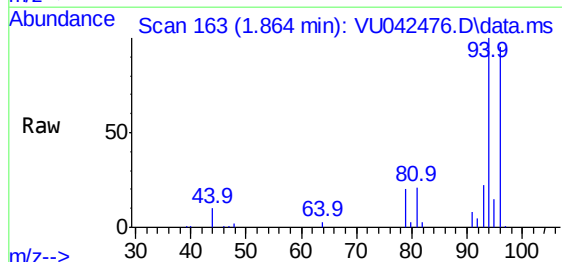
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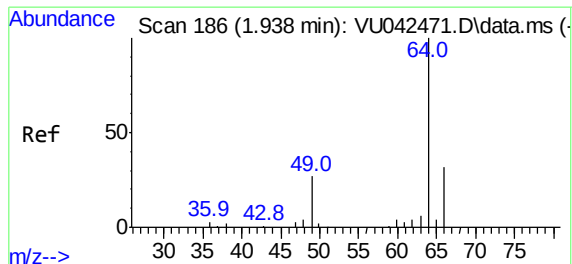
Tgt Ion: 62 Resp: 45877
 Ion Ratio Lower Upper
 62 100
 64 31.5 22.7 42.1



#6
 Bromomethane
 Concen: 5.12 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU042476.D
 Acq: 04 Mar 2021 10:44

Tgt Ion: 94 Resp: 26381
 Ion Ratio Lower Upper
 94 100
 96 95.3 66.5 123.5

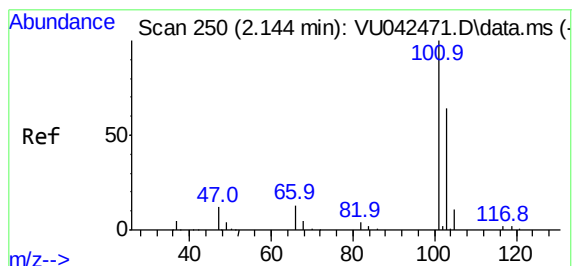
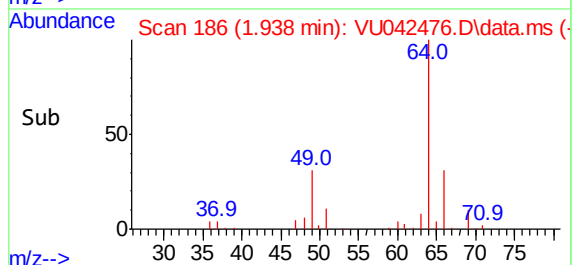
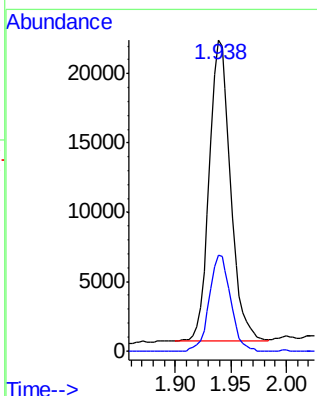
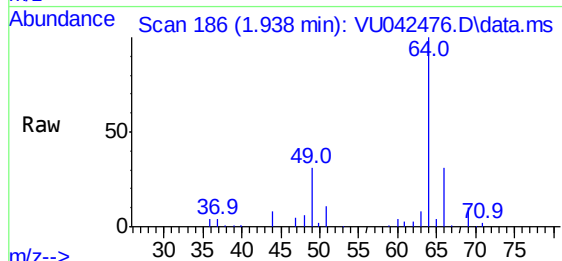




#8
Chloroethane
Concen: 5.17 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

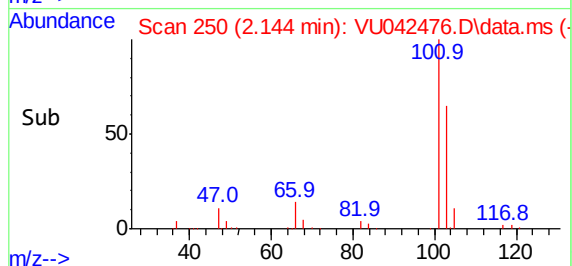
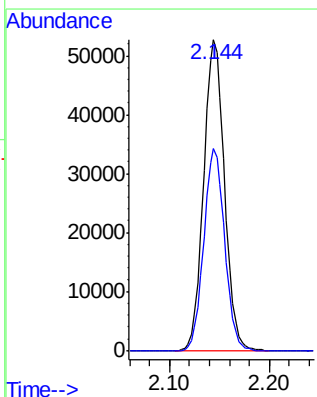
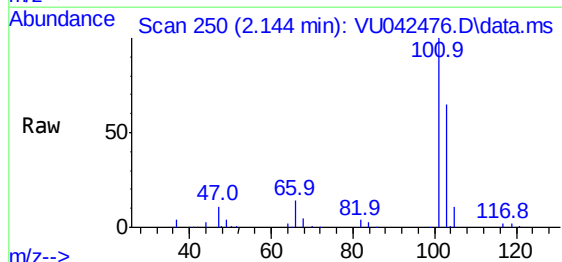
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VSTD00516

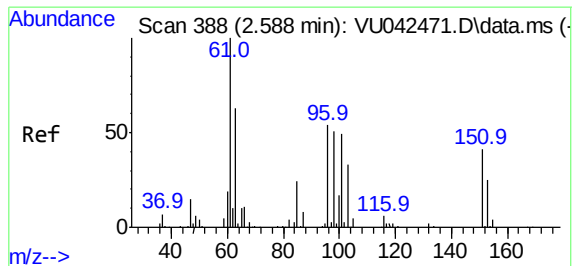
Tgt Ion: 64 Resp: 28842
Ion Ratio Lower Upper
64 100
66 30.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.00 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion:101 Resp: 76175
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8

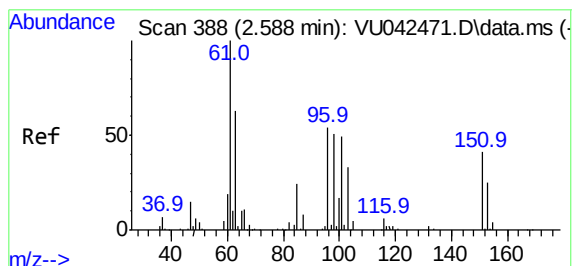
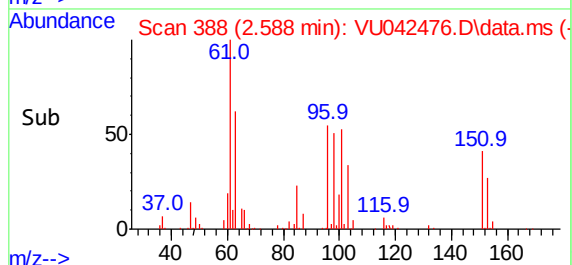
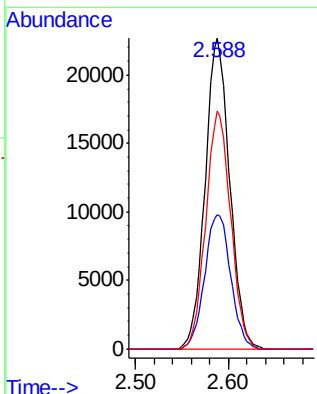
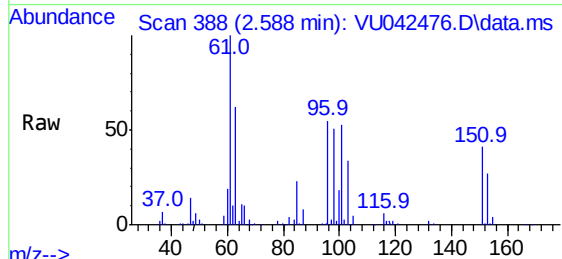




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.19 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042476.D
 Acq: 04 Mar 2021 10:44

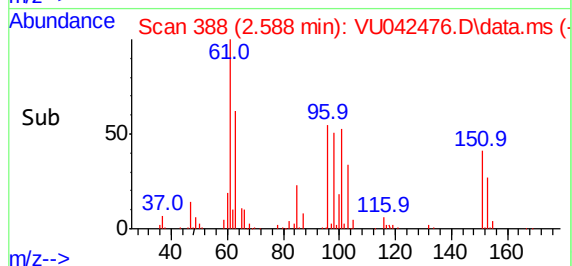
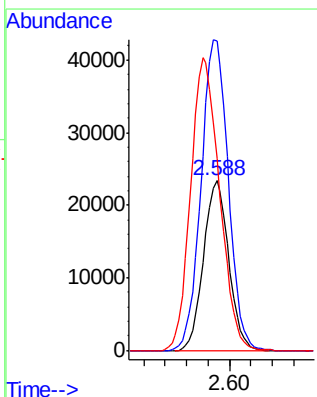
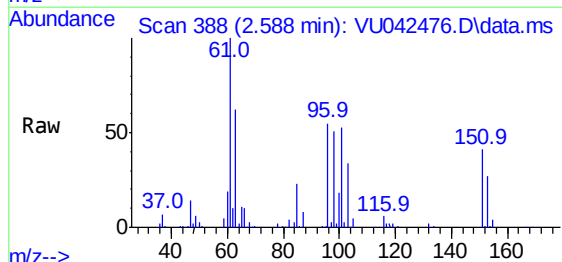
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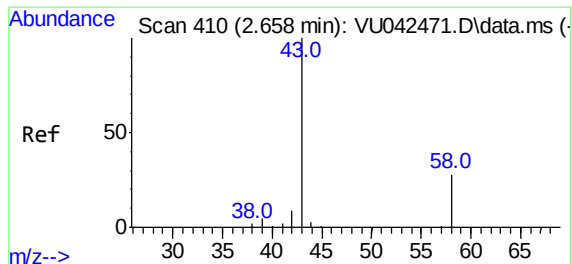
Tgt Ion:101 Resp: 41582
 Ion Ratio Lower Upper
 101 100
 85 45.8 34.6 51.8
 151 77.4 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 5.08 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042476.D
 Acq: 04 Mar 2021 10:44

Tgt Ion: 96 Resp: 37757
 Ion Ratio Lower Upper
 96 100
 61 182.8 126.2 234.4
 63 113.0 77.8 144.4

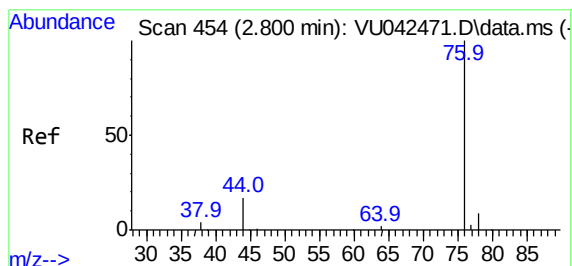
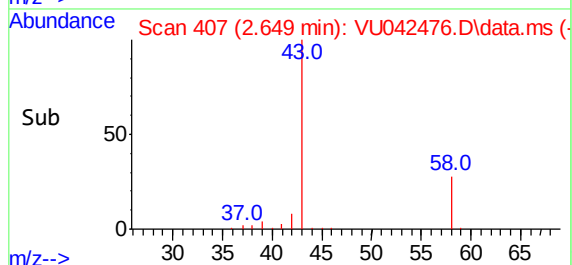
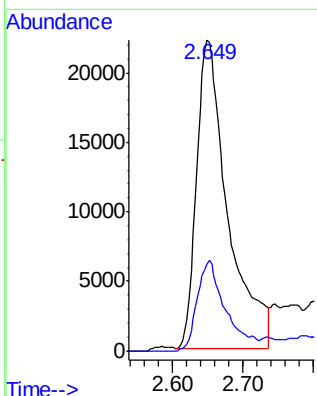
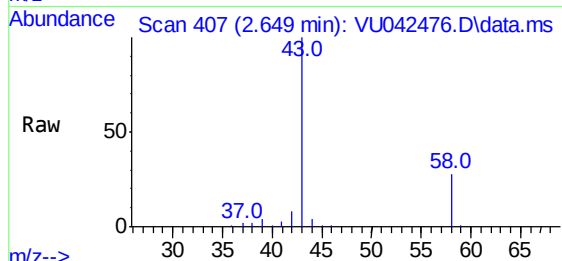




#13
Acetone
Concen: 38.34 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.009 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

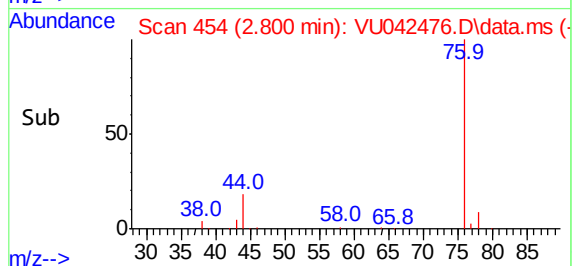
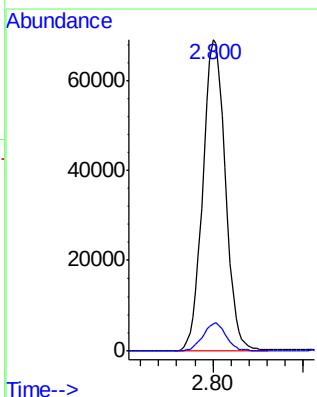
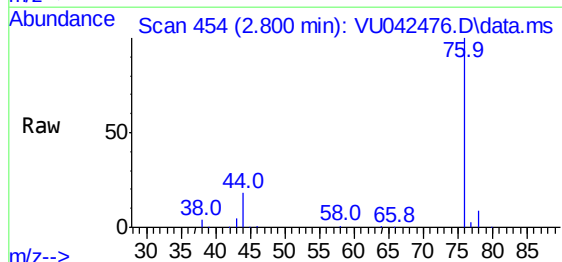
Instrument :
MSVOA_U
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VSTD00516

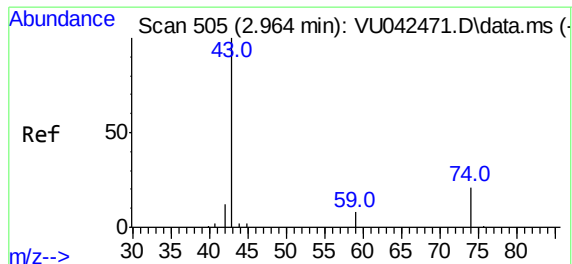
Tgt Ion: 43 Resp: 68248
Ion Ratio Lower Upper
43 100
58 26.6 0.0 55.8



#14
Carbon disulfide
Concen: 5.02 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 76 Resp: 118813
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9

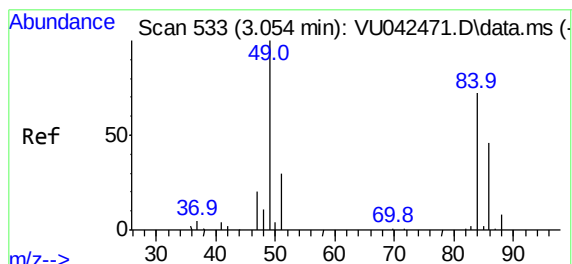
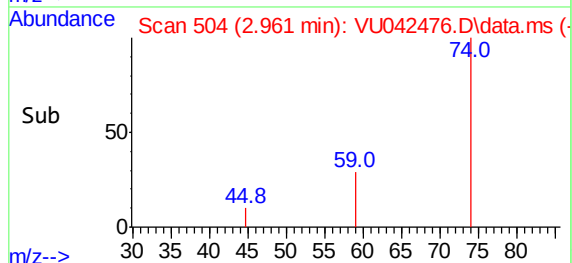
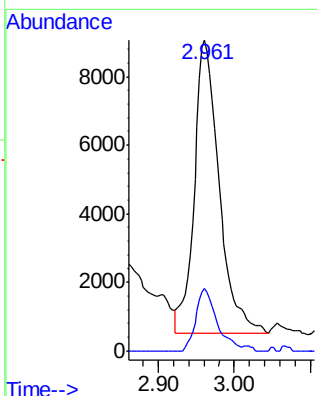
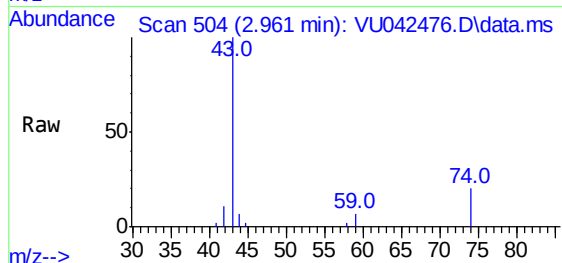




#15
Methyl Acetate
Concen: 4.35 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

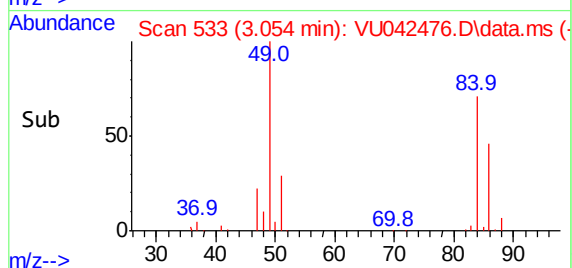
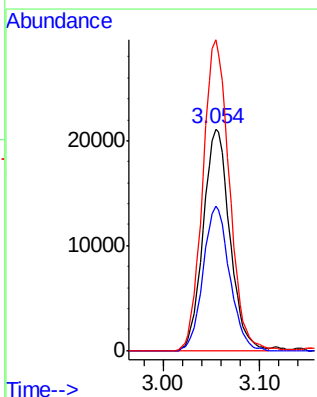
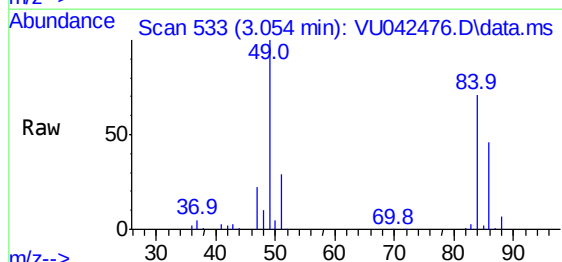
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

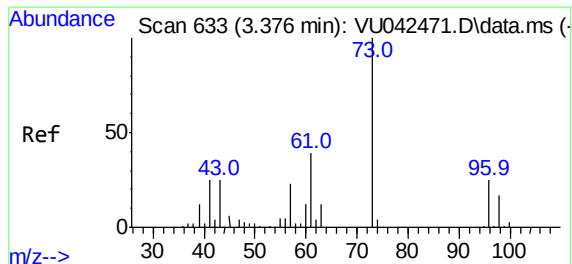
Tgt Ion: 43 Resp: 19241
Ion Ratio Lower Upper
43 100
74 18.1 16.9 25.3



#16
Methylene chloride
Concen: 4.52 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 84 Resp: 40224
Ion Ratio Lower Upper
84 100
86 65.0 44.1 81.9
49 140.3 95.0 176.4

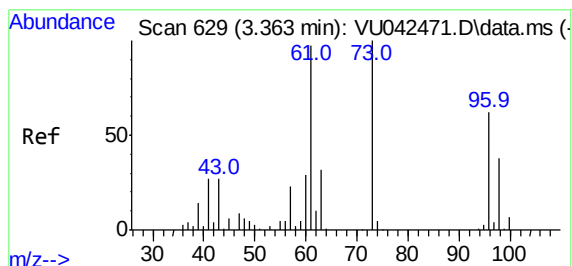
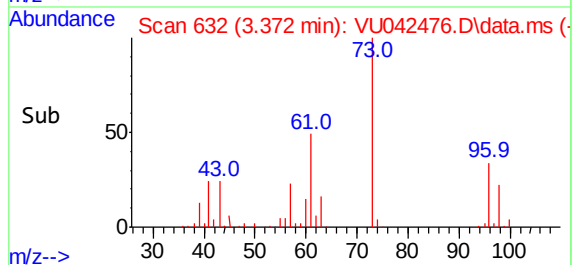
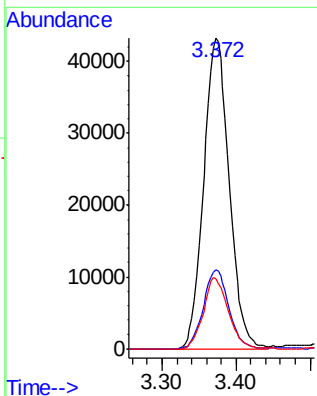
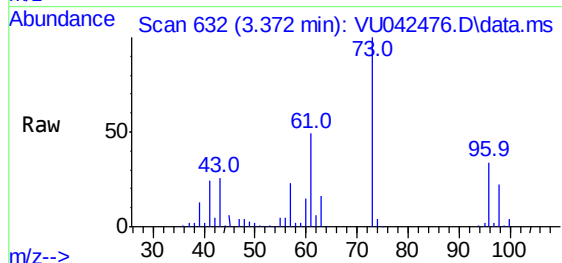




#17
Methyl tert-butyl Ether
Concen: 4.95 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.004 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

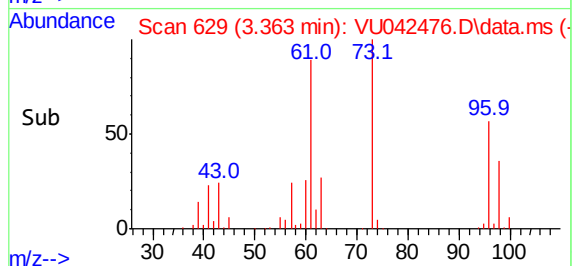
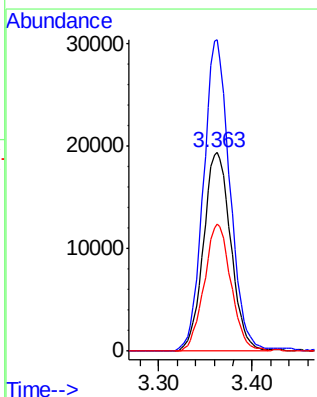
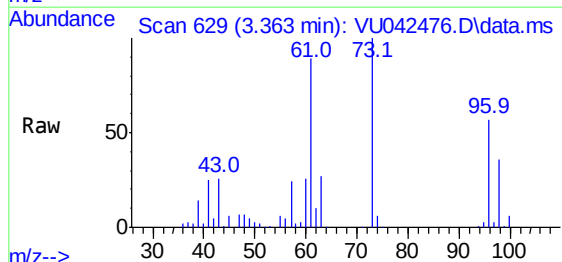
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

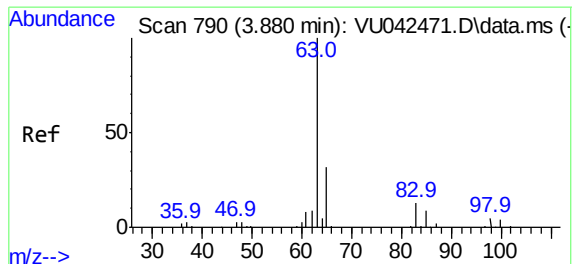
Tgt Ion: 73 Resp: 103451
Ion Ratio Lower Upper
73 100
43 25.4 18.9 28.3
57 22.3 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 5.01 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 96 Resp: 39181
Ion Ratio Lower Upper
96 100
61 157.1 105.7 196.3
98 64.0 42.8 79.6

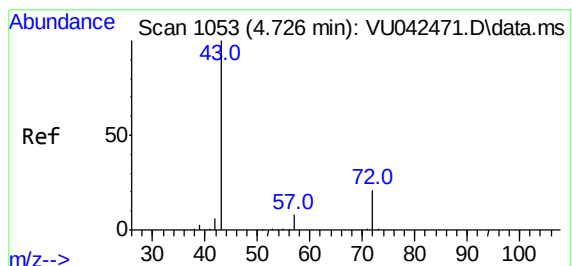
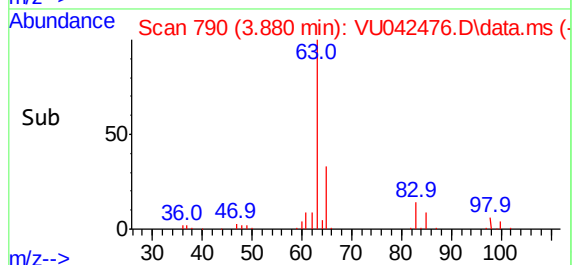
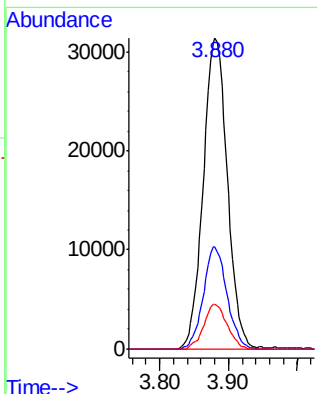
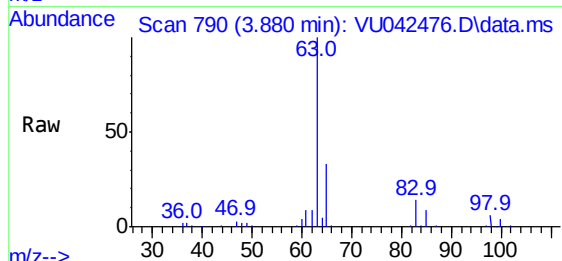




#19
1,1-Dichloroethane
Concen: 5.06 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

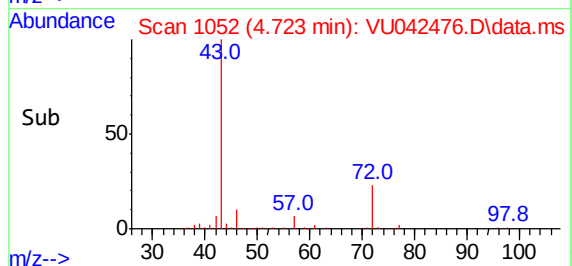
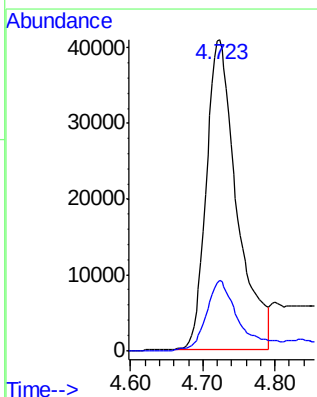
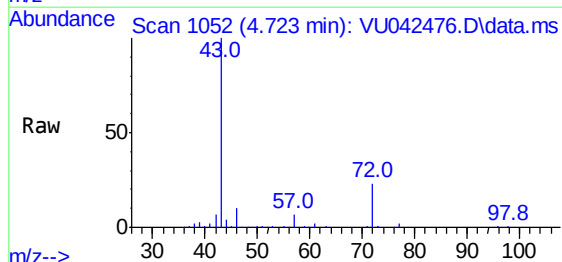
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

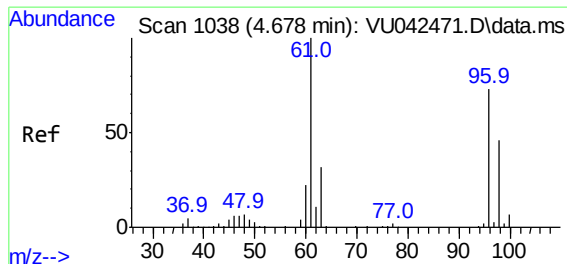
Tgt Ion: 63 Resp: 76260
Ion Ratio Lower Upper
63 100
65 32.8 22.5 41.9
83 14.3 10.1 18.7



#21
2-Butanone
Concen: 39.58 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.003 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 43 Resp: 119748
Ion Ratio Lower Upper
43 100
72 24.4 11.7 35.1



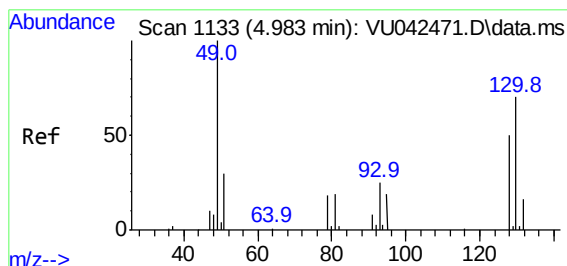
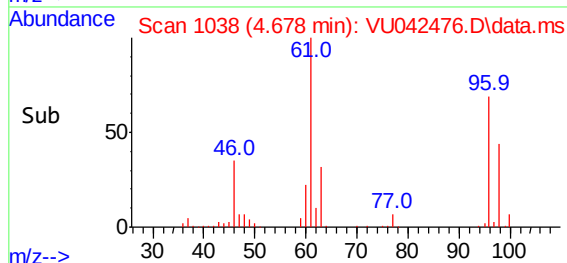
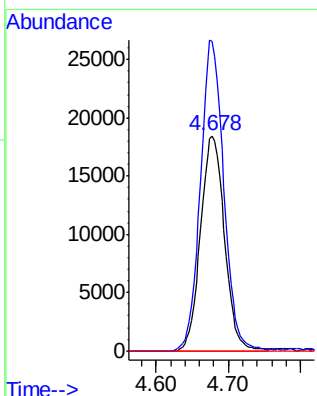
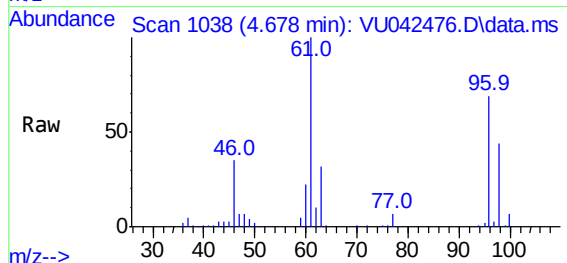


#22
cis-1,2-Dichloroethene
Concen: 5.06 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion: 96 Resp: 42304

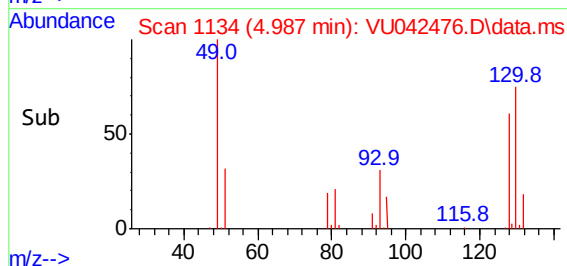
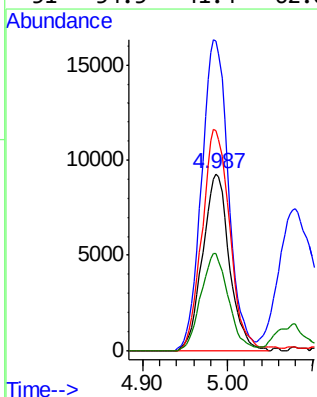
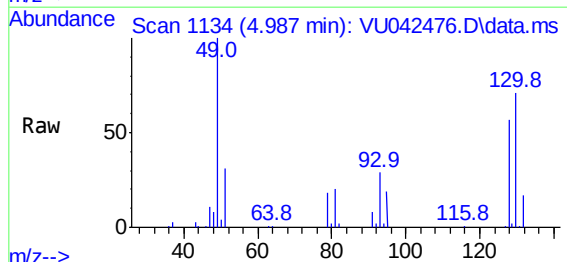
Ion	Ratio	Lower	Upper
96	100		
61	144.0	97.8	181.6
68	0.0	0.0	0.0

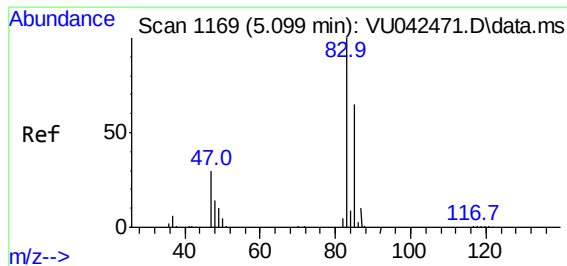


#23
Bromochloromethane
Concen: 5.06 ug/L
RT: 4.987 min Scan# 1134
Delta R.T. 0.003 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 128 Resp: 20104

Ion	Ratio	Lower	Upper
128	100		
49	175.2	117.7	218.7
130	124.1	87.9	163.3
51	54.5	41.4	62.0

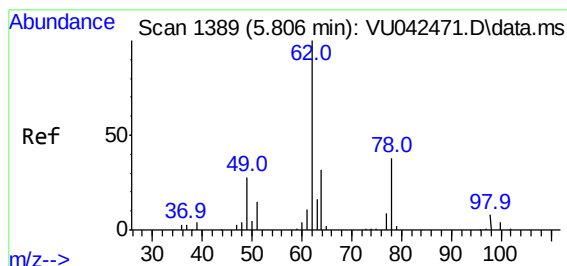
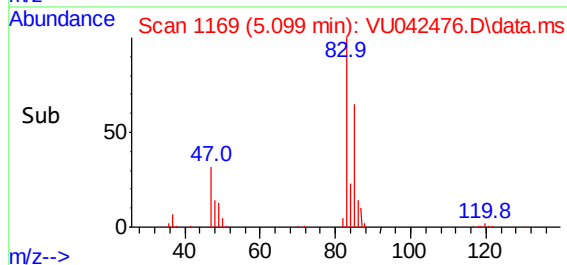
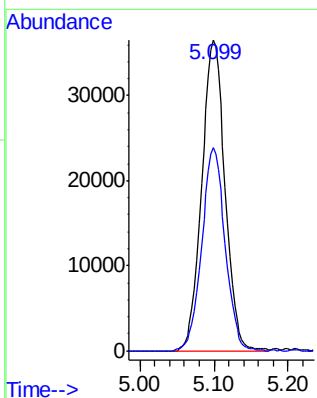
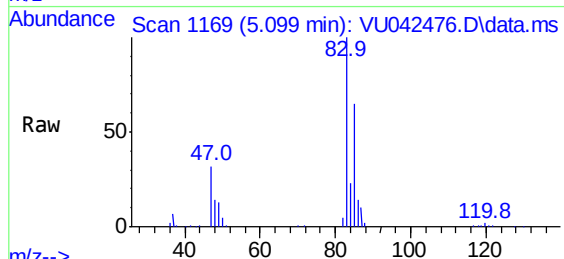




#25
Chloroform
Concen: 5.01 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

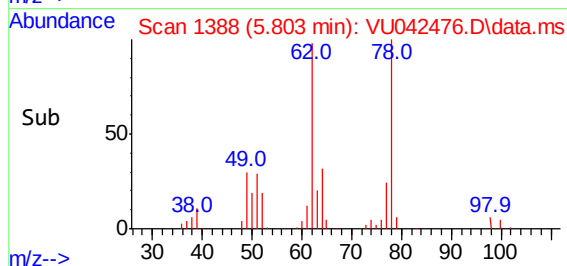
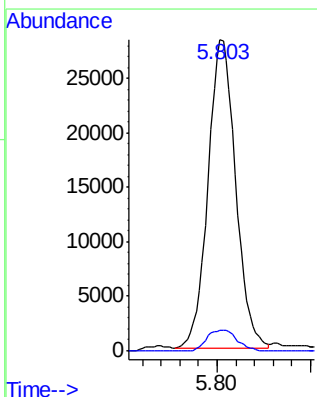
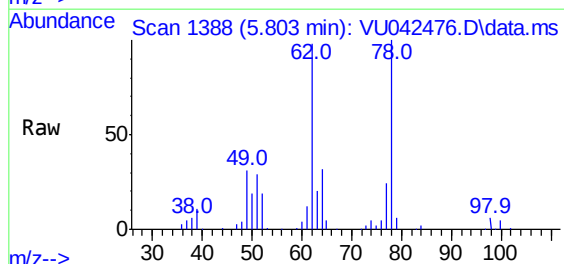
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

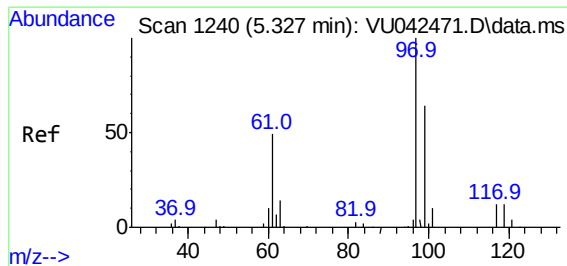
Tgt Ion: 83 Resp: 79441
Ion Ratio Lower Upper
83 100
85 65.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 4.90 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 62 Resp: 58234
Ion Ratio Lower Upper
62 100
98 6.5 7.3 10.9#

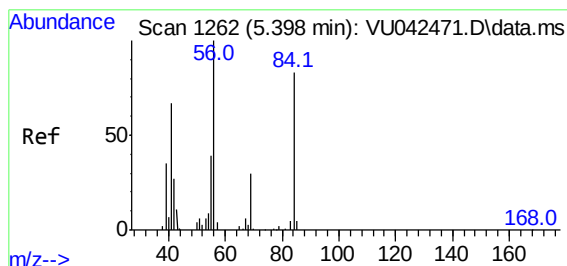
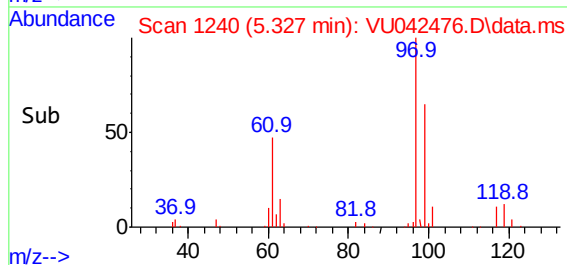
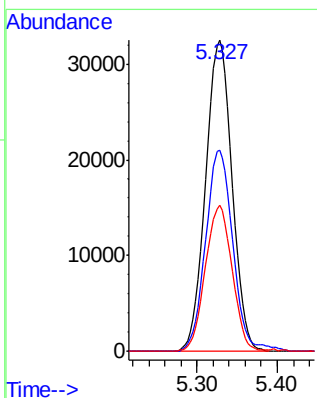
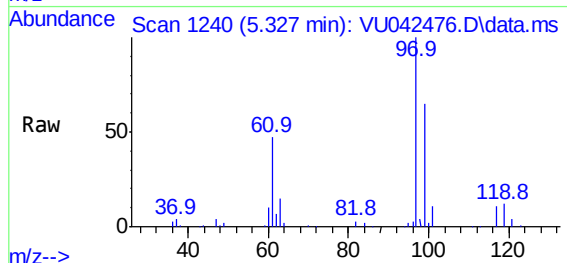




#29
1,1,1-Trichloroethane
Concen: 5.08 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

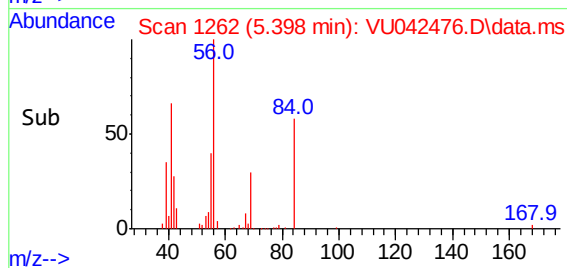
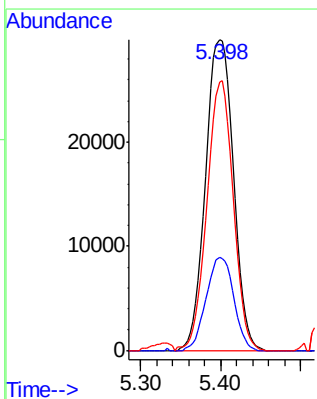
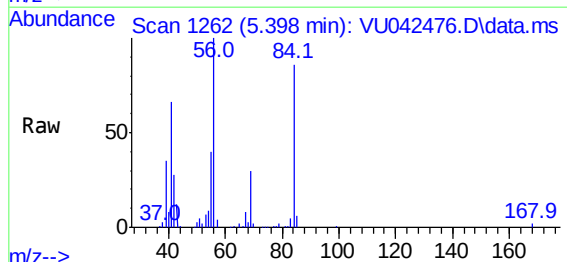
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

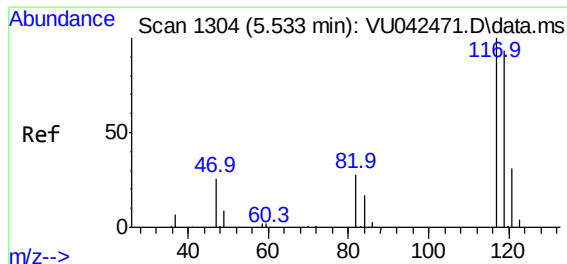
Tgt Ion: 97 Resp: 71813
Ion Ratio Lower Upper
97 100
99 66.7 50.8 76.2
61 47.5 35.8 53.6



#30
Cyclohexane
Concen: 4.97 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 56 Resp: 70138
Ion Ratio Lower Upper
56 100
69 29.3 23.7 35.5
84 81.8 65.3 97.9

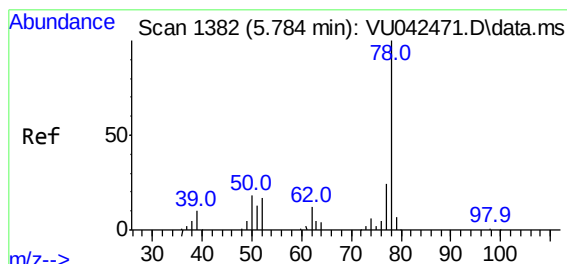
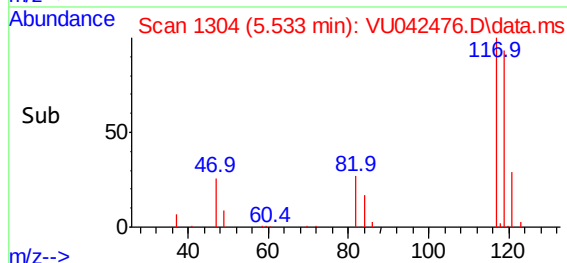
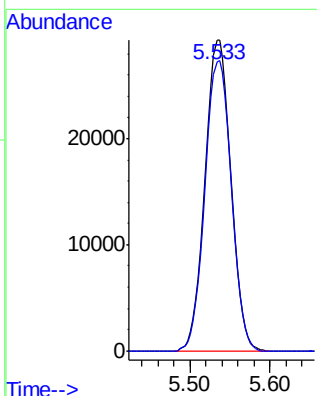
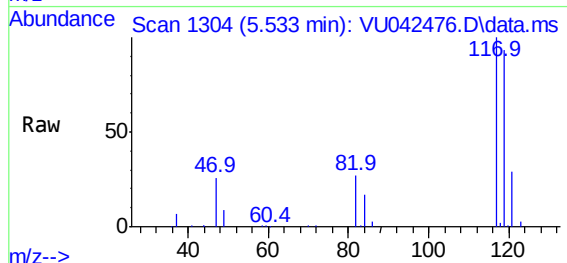




#31
Carbon tetrachloride
Concen: 5.10 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

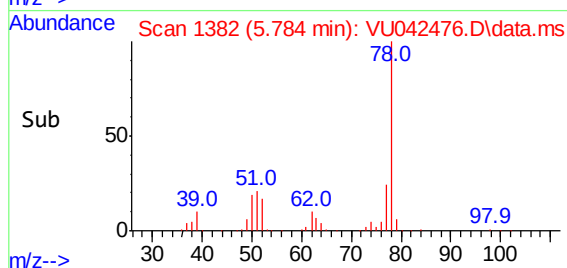
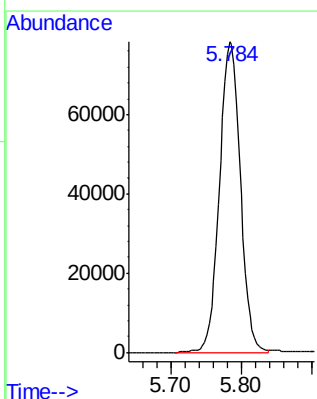
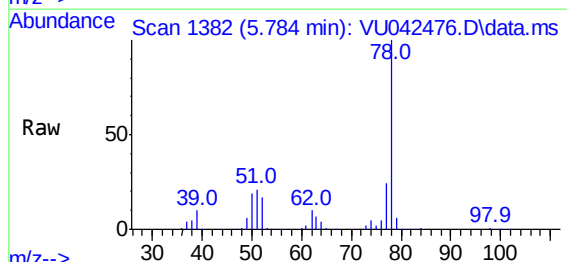
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

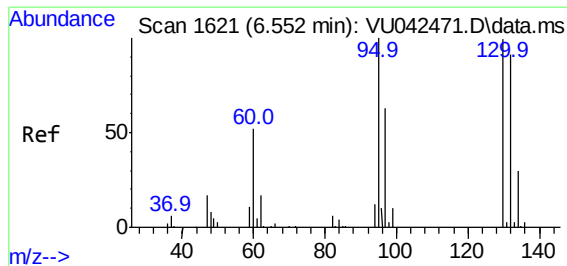
Tgt Ion:117 Resp: 63567
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.4



#33
Benzene
Concen: 5.07 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 78 Resp: 161335

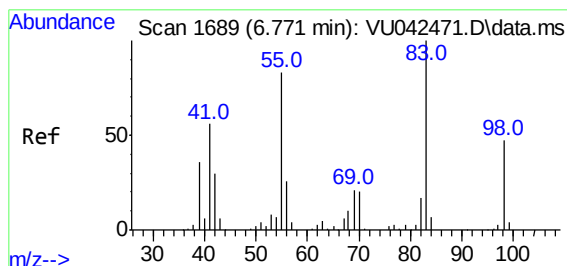
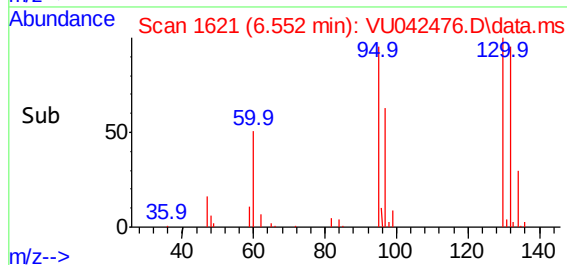
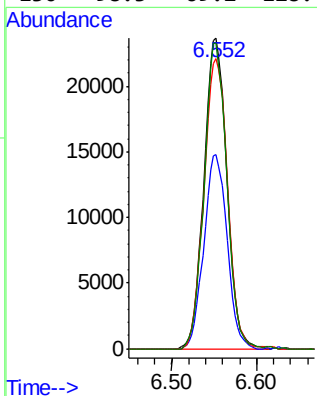
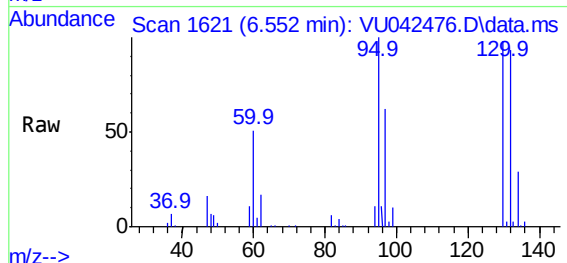




#34
Trichloroethene
Concen: 5.01 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

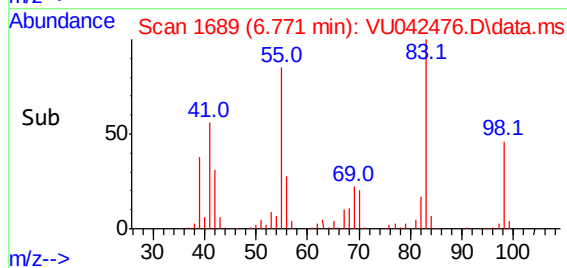
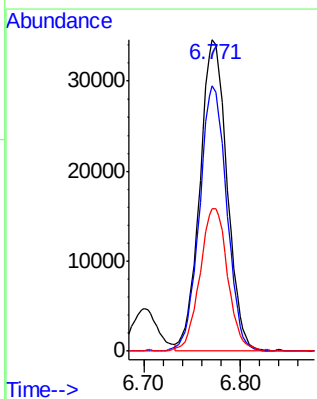
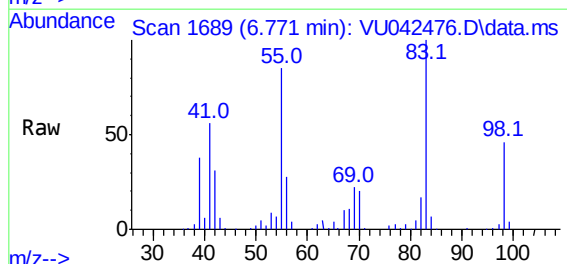
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

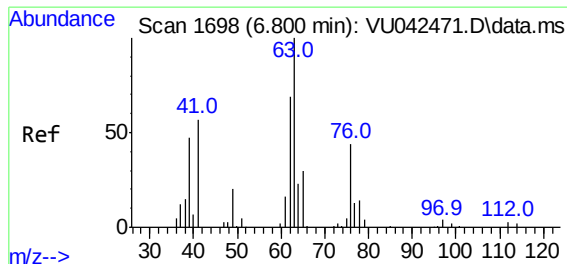
Tgt Ion: 95 Resp: 44243
Ion Ratio Lower Upper
95 100
97 62.4 44.4 82.4
132 93.3 68.0 126.4
130 98.3 69.2 128.4



#35
Methylcyclohexane
Concen: 5.04 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 83 Resp: 67635
Ion Ratio Lower Upper
83 100
55 84.8 68.2 102.4
98 46.4 39.7 59.5

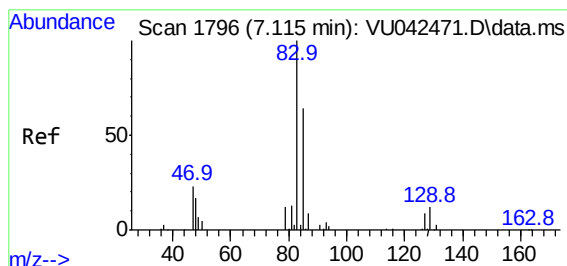
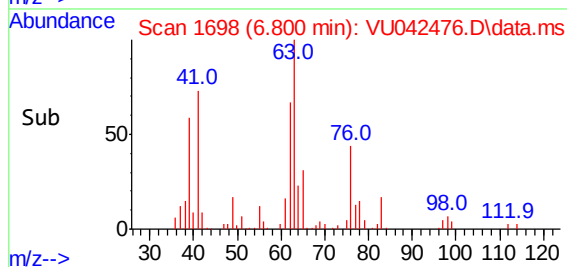
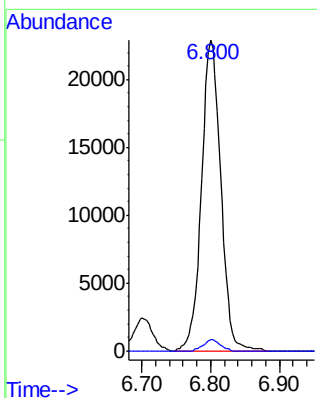
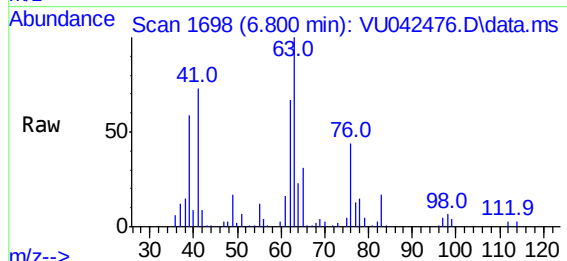




#37
1,2-Dichloropropane
Concen: 5.19 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

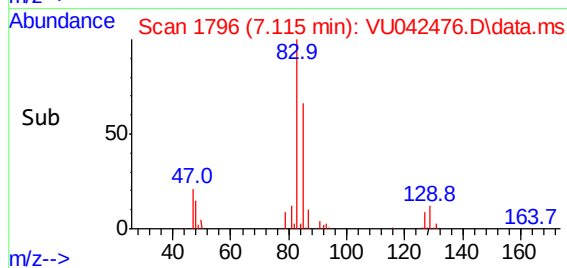
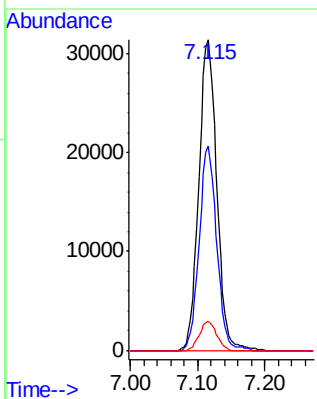
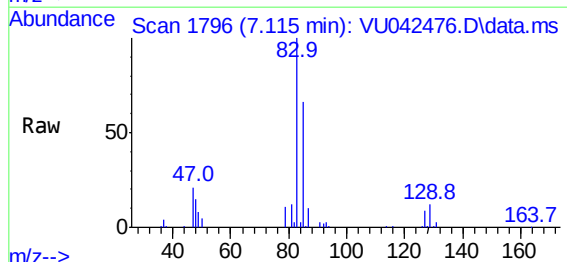
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

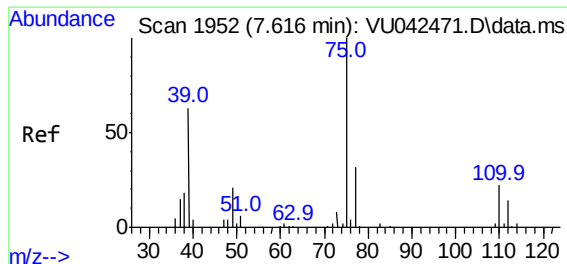
Tgt Ion: 63 Resp: 44552
Ion Ratio Lower Upper
63 100
112 3.1 3.4 5.0#



#38
Bromodichloromethane
Concen: 5.22 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 83 Resp: 58505
Ion Ratio Lower Upper
83 100
85 65.8 46.0 85.4
127 9.4 6.8 10.2

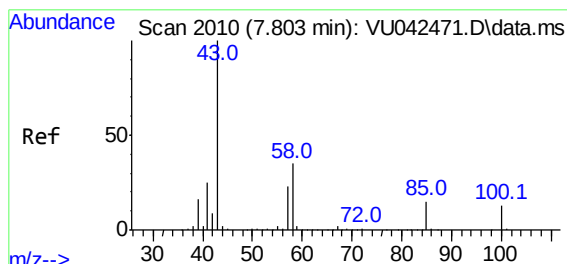
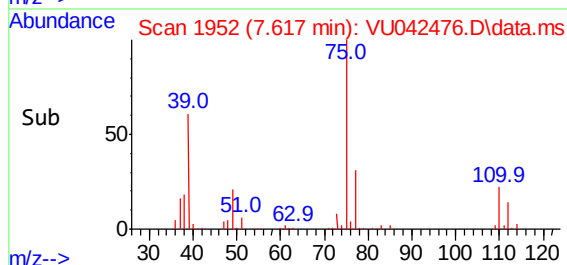
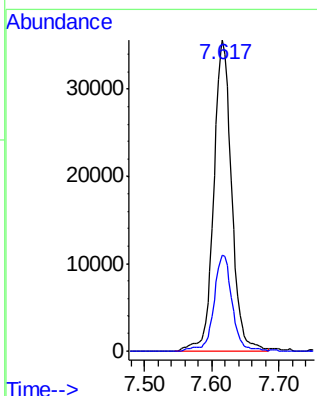
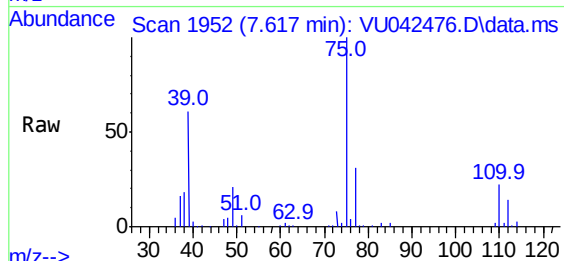




#39
cis-1,3-Dichloropropene
Concen: 5.28 ug/L
RT: 7.617 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

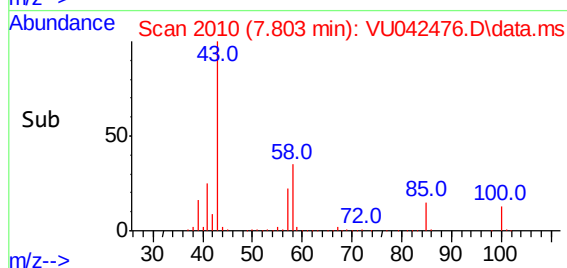
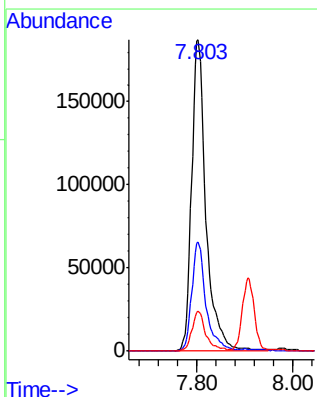
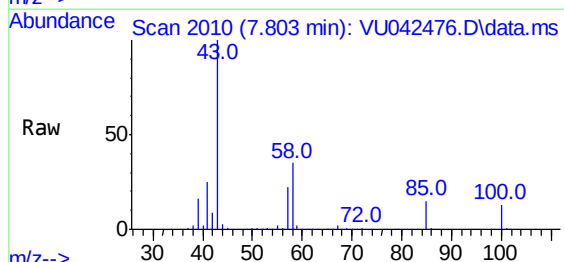
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

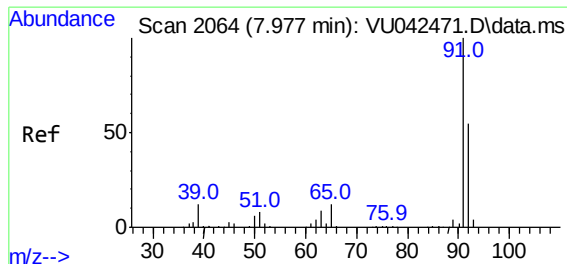
Tgt Ion: 75 Resp: 66097
Ion Ratio Lower Upper
75 100
77 31.0 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 51.71 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 43 Resp: 387333
Ion Ratio Lower Upper
43 100
58 34.4 29.1 43.7
100 12.0 11.0 16.4

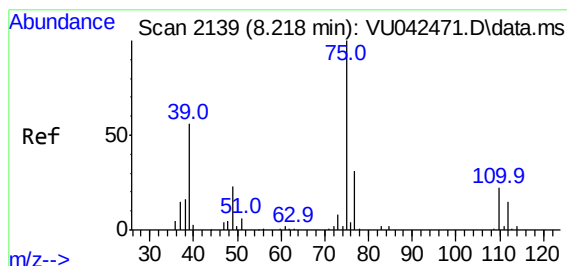
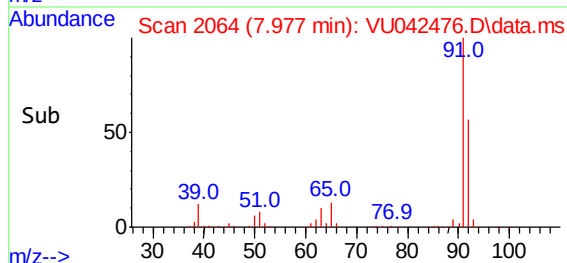
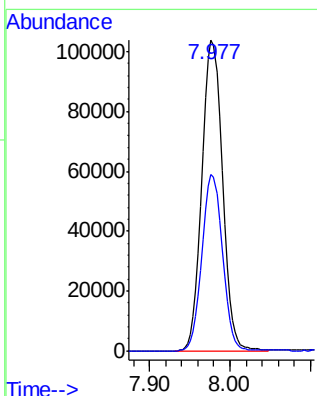
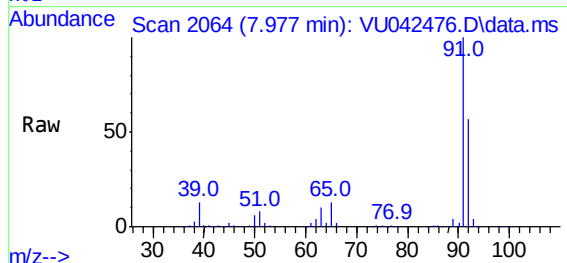




#42
Toluene
Concen: 5.15 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

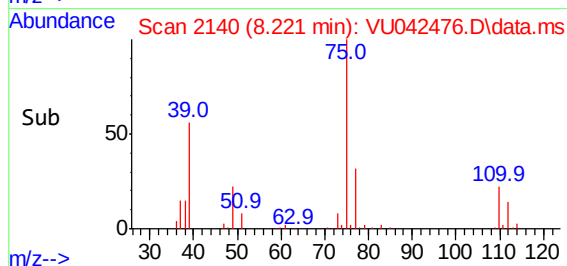
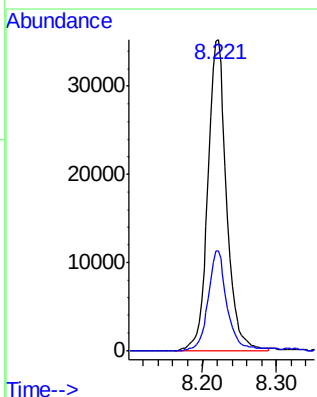
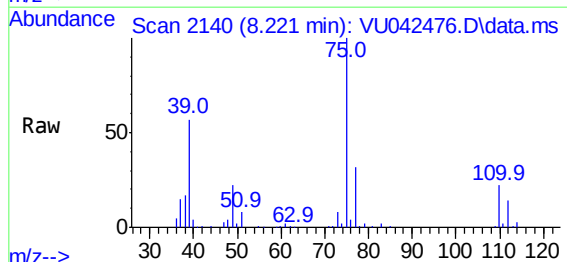
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

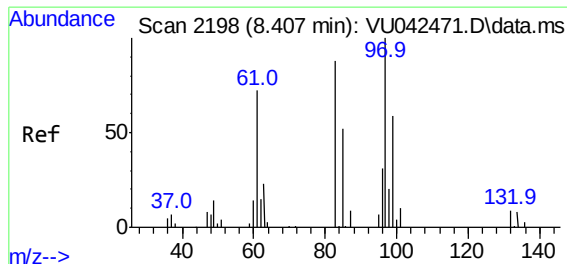
Tgt Ion: 91 Resp: 178735
Ion Ratio Lower Upper
91 100
92 56.6 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 5.34 ug/L
RT: 8.221 min Scan# 2140
Delta R.T. 0.003 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 75 Resp: 61641
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.4



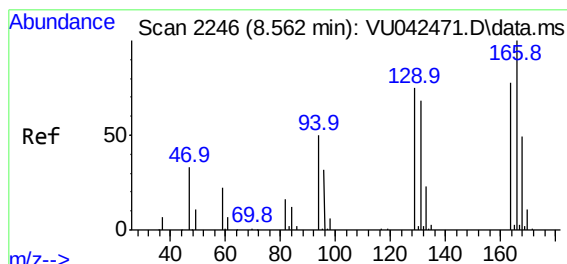
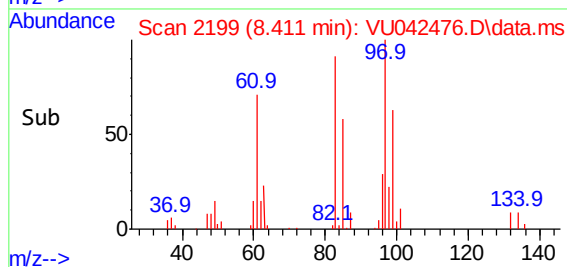
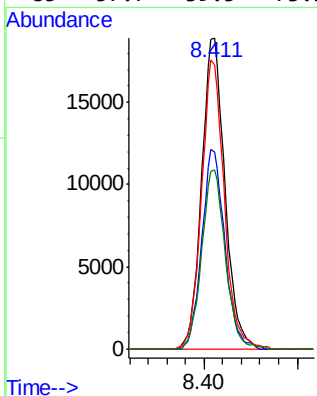
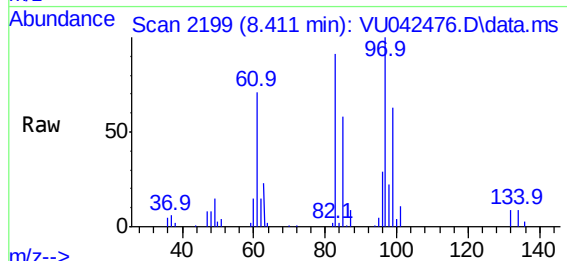


#45
1,1,2-Trichloroethane
Concen: 5.17 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion: 97 Resp: 32751

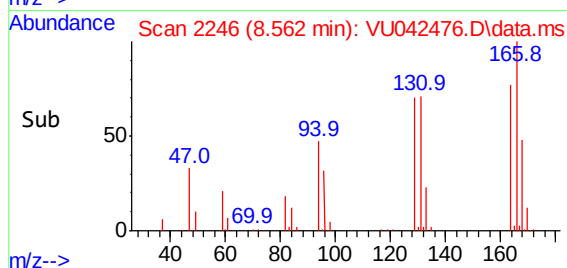
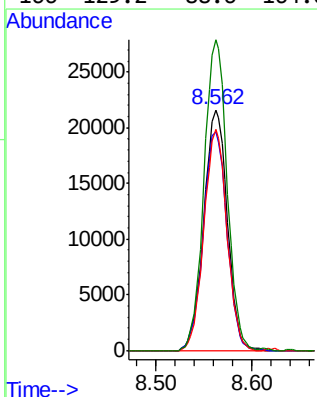
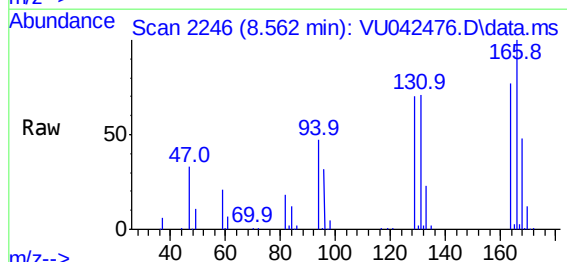
Ion	Ratio	Lower	Upper
97	100		
99	63.5	44.0	81.8
83	91.4	57.6	107.0
85	57.7	39.5	73.3

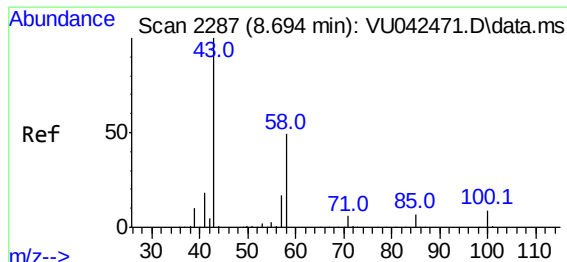


#47
Tetrachloroethene
Concen: 5.07 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 164 Resp: 36490

Ion	Ratio	Lower	Upper
164	100		
129	90.9	64.3	119.5
131	92.0	62.2	115.6
166	129.2	88.6	164.6

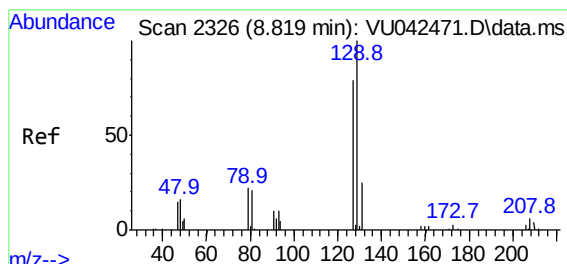
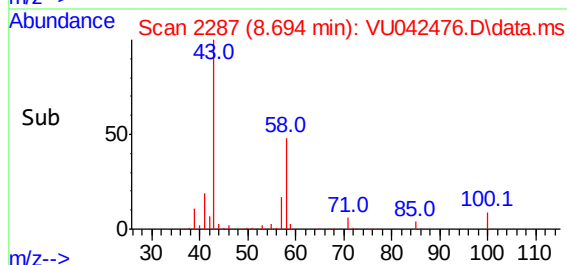
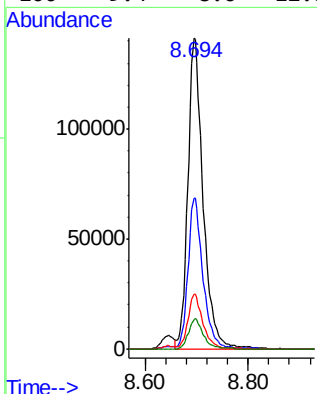
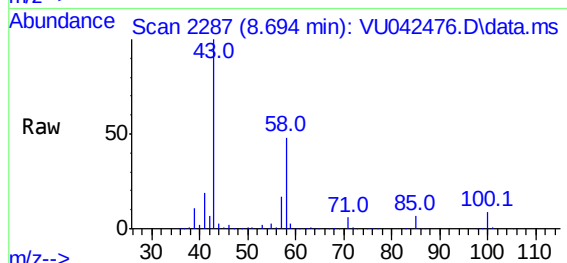




#48
2-Hexanone
Concen: 52.10 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

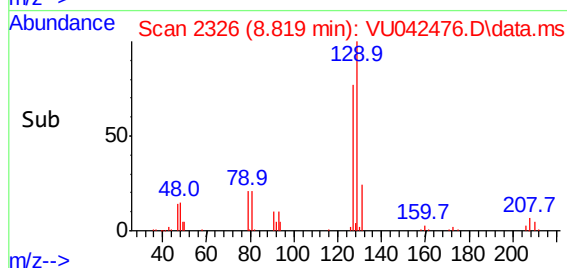
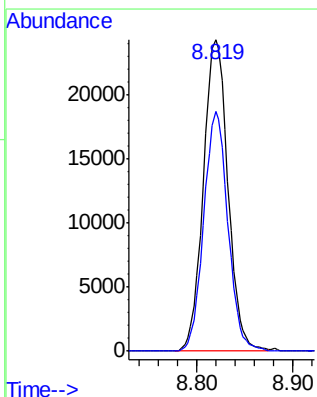
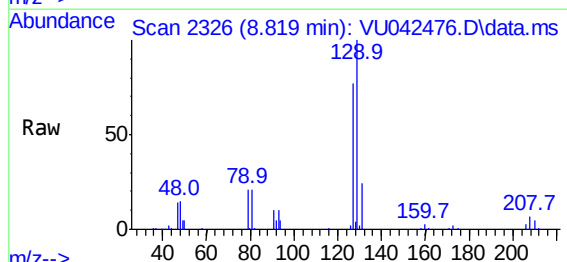
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

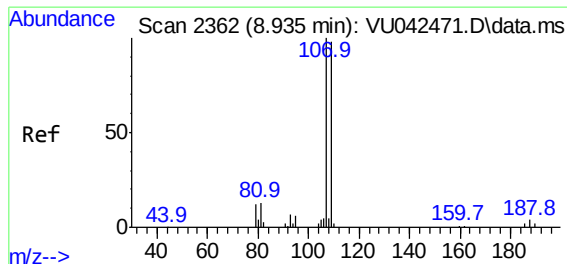
Tgt Ion: 43 Resp: 287946
Ion Ratio Lower Upper
43 100
58 46.2 40.6 61.0
57 17.1 14.9 22.3
100 9.4 8.6 12.8



#49
Dibromochloromethane
Concen: 5.41 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 129 Resp: 42857
Ion Ratio Lower Upper
129 100
127 76.8 52.3 97.1

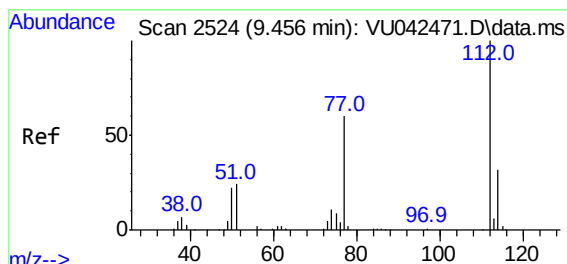
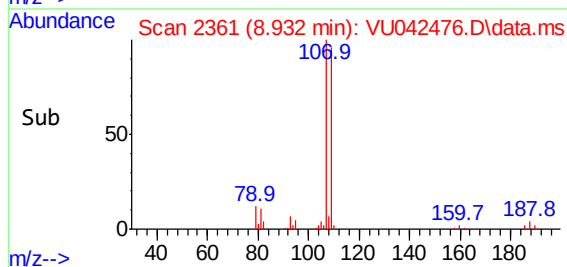
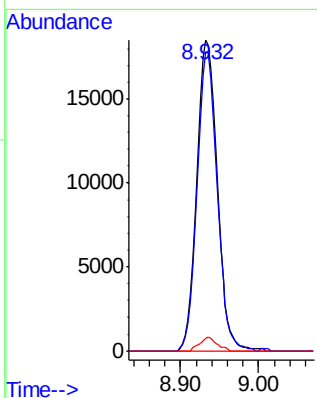
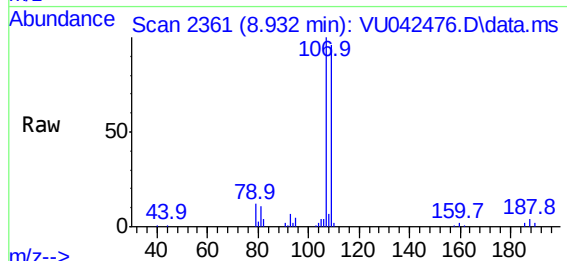




#50
1,2-Dibromoethane
Concen: 5.35 ug/L
RT: 8.932 min Scan# 2361
Delta R.T. -0.003 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

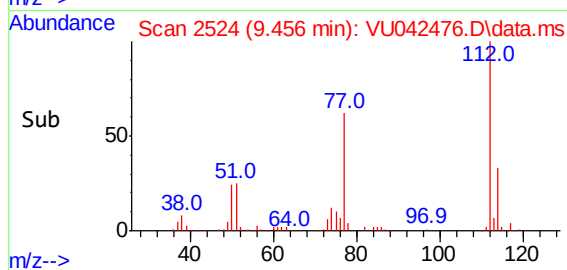
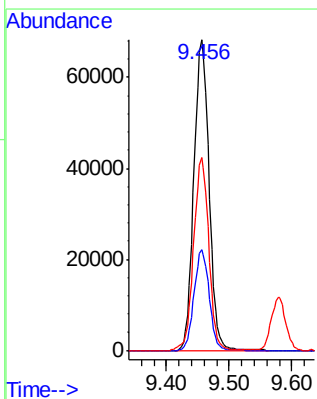
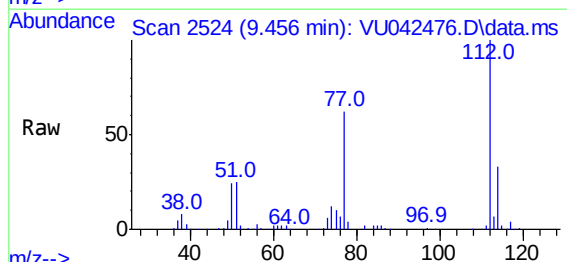
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

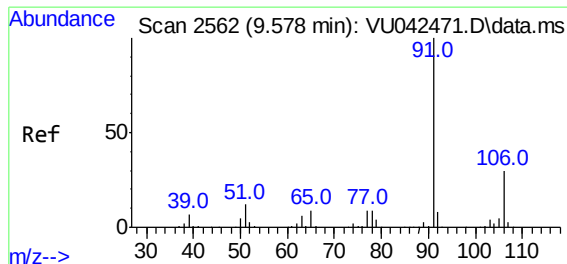
Tgt Ion:107 Resp: 33428
Ion Ratio Lower Upper
107 100
109 96.2 65.5 121.6
188 3.9 3.4 5.2



#51
Chlorobenzene
Concen: 5.12 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion:112 Resp: 113529
Ion Ratio Lower Upper
112 100
114 32.5 22.0 41.0
77 62.0 49.8 74.6

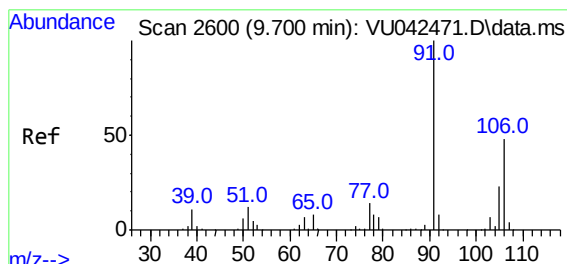
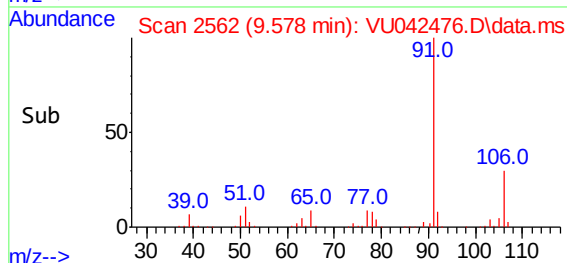
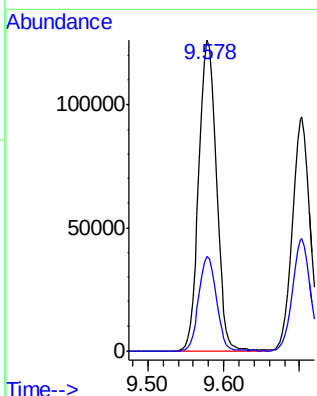
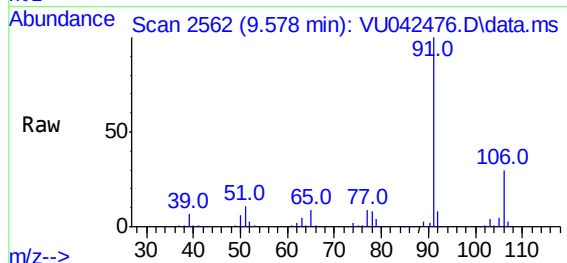




#52
Ethylbenzene
Concen: 5.16 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

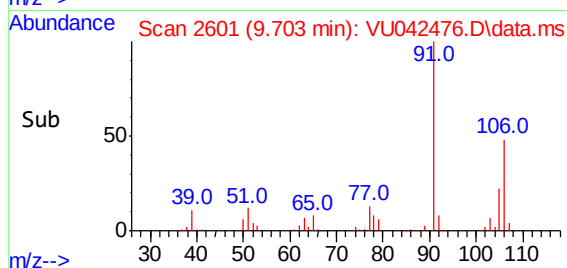
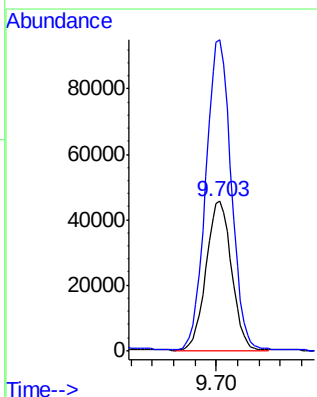
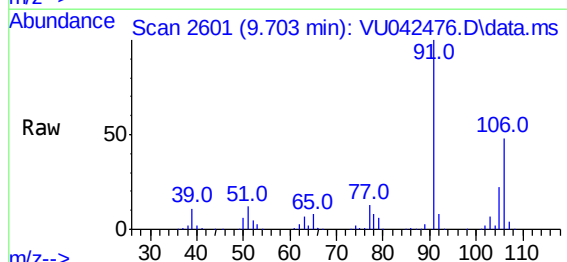
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

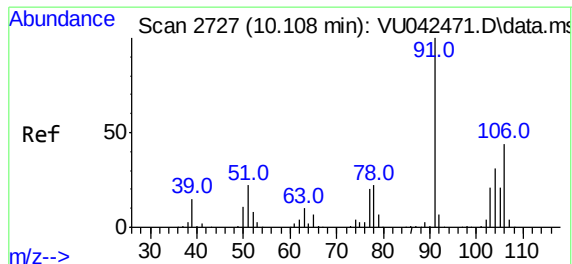
Tgt Ion: 91 Resp: 201705
Ion Ratio Lower Upper
91 100
106 30.3 21.1 39.3



#53
m,p-Xylene
Concen: 5.18 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 106 Resp: 74936
Ion Ratio Lower Upper
106 100
91 208.3 145.1 269.5

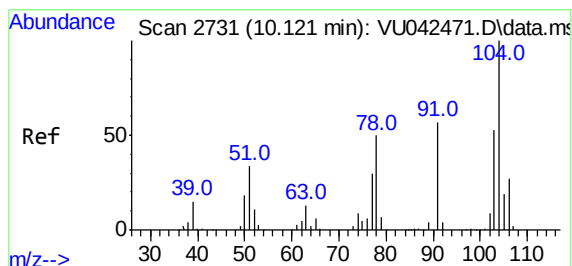
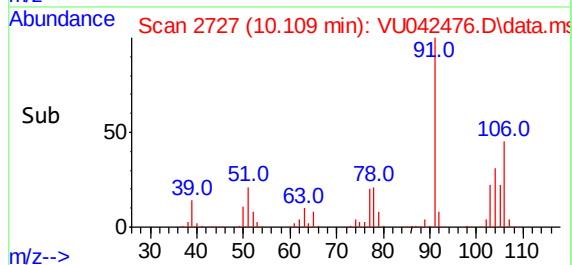
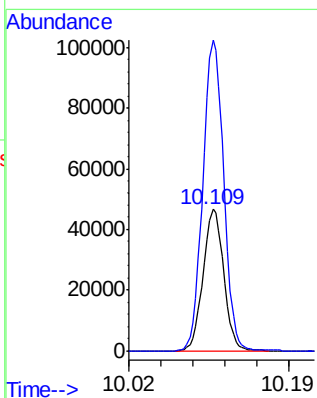
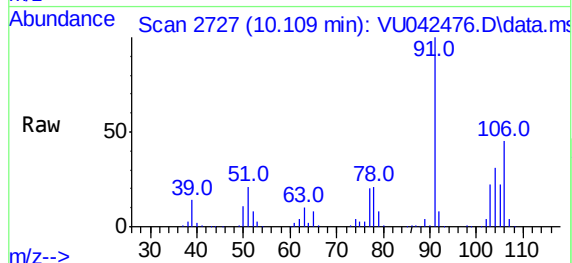




#54
o-Xylene
Concen: 5.23 ug/L
RT: 10.109 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

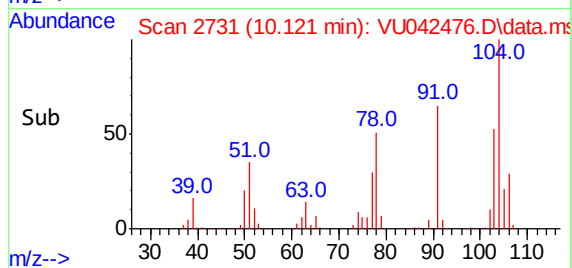
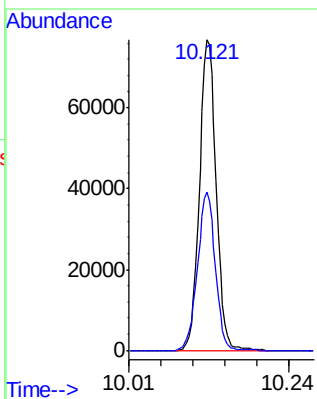
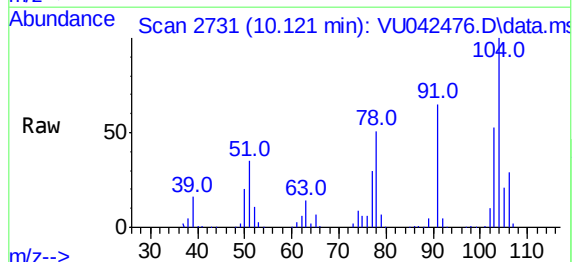
Instrument :
MSVOA_U
ClientSampled :
VSTD00516

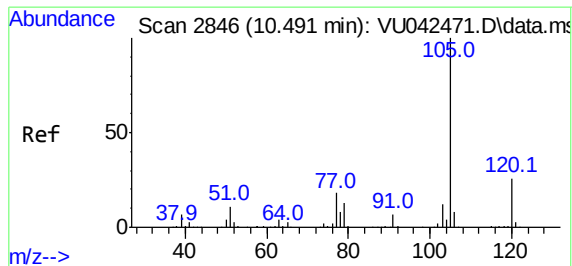
Tgt Ion:106 Resp: 73345
Ion Ratio Lower Upper
106 100
91 219.8 153.0 284.2



#55
Styrene
Concen: 5.26 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion:104 Resp: 125323
Ion Ratio Lower Upper
104 100
78 50.9 34.9 64.7

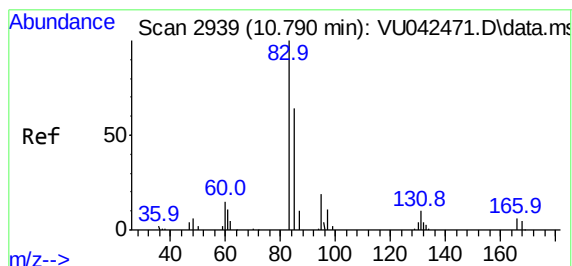
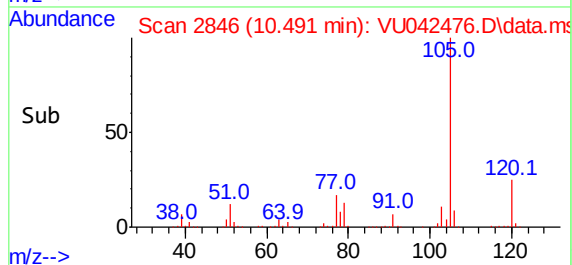
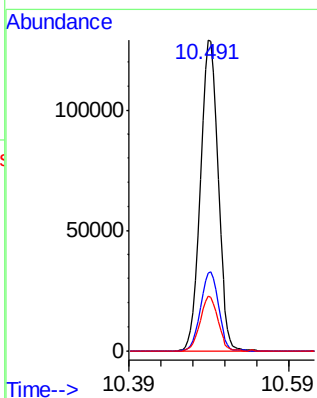
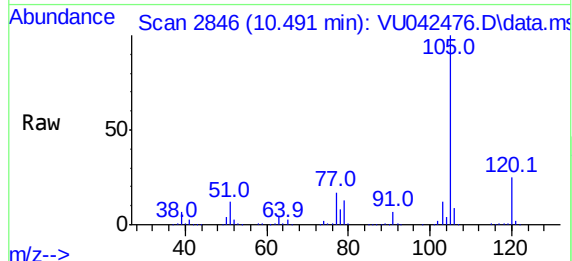




#56
Isopropylbenzene
Concen: 5.24 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

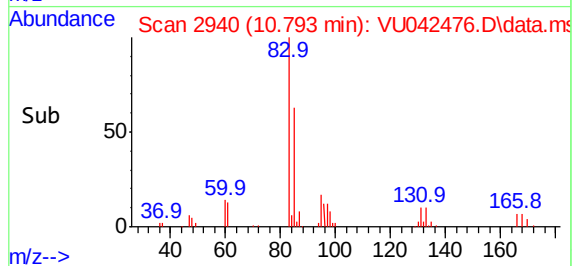
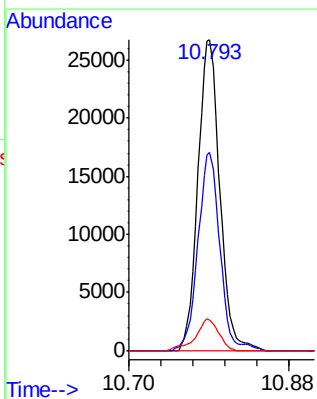
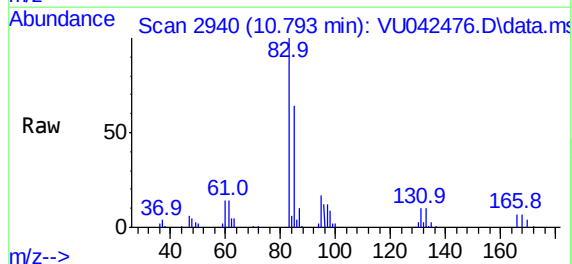
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

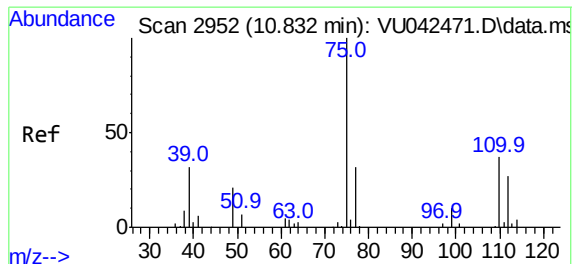
Tgt Ion:105 Resp: 201870
Ion Ratio Lower Upper
105 100
120 25.7 20.8 31.2
77 17.4 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 5.27 ug/L
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 83 Resp: 44743
Ion Ratio Lower Upper
83 100
85 63.8 44.4 82.4
131 9.7 8.6 12.8

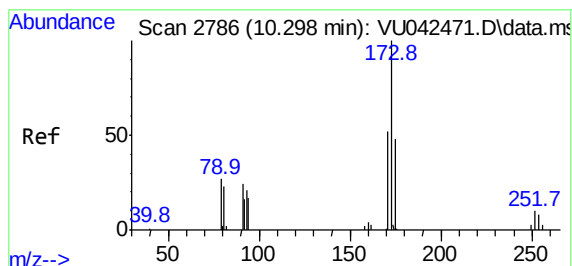
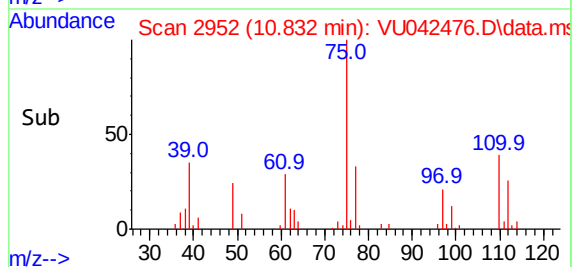
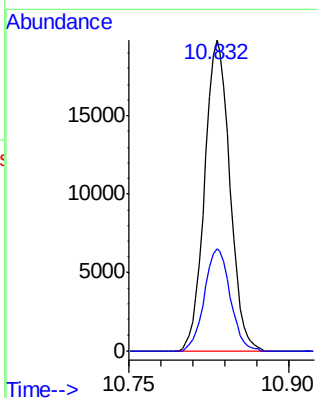
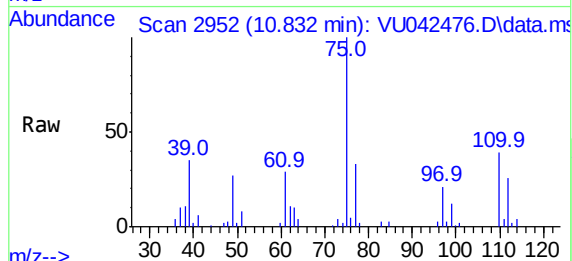




#59
1,2,3-Trichloropropane
Concen: 4.98 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

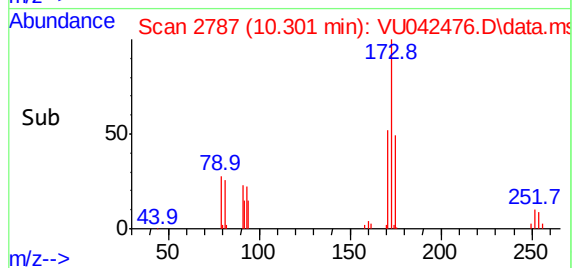
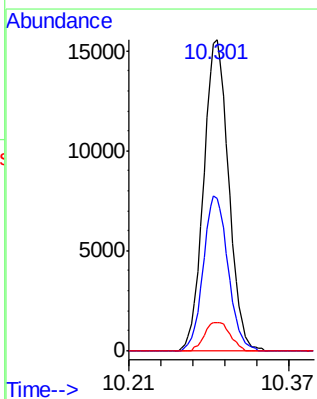
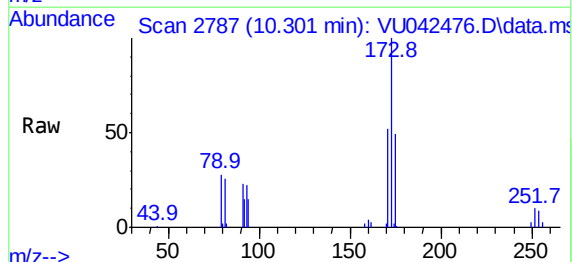
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

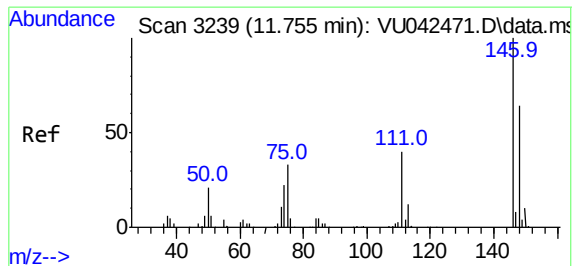
Tgt Ion: 75 Resp: 32172
Ion Ratio Lower Upper
75 100
77 33.3 26.0 39.0



#61
Bromoform
Concen: 5.24 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion:173 Resp: 26976
Ion Ratio Lower Upper
173 100
175 49.2 38.7 58.1
254 9.2 7.9 11.9

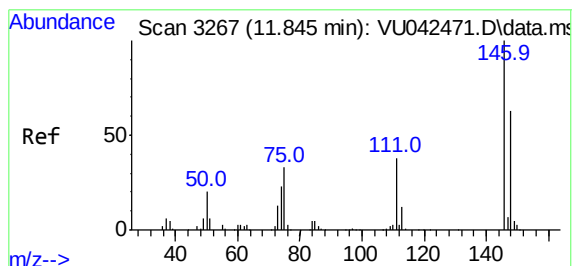
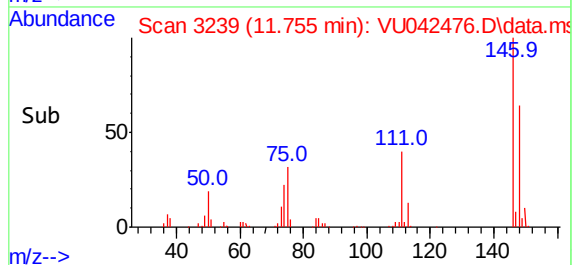
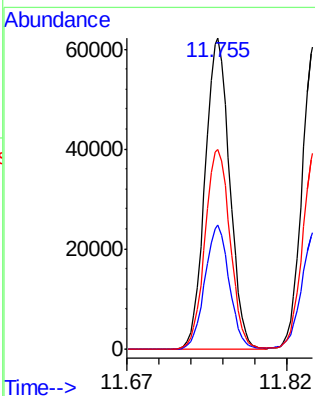
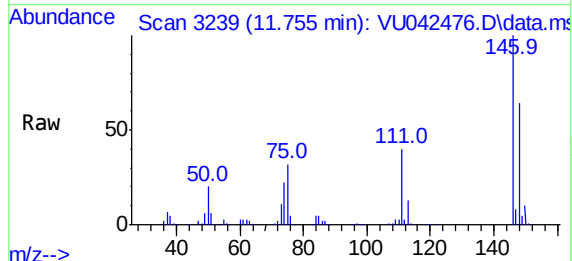




#62
1,3-Dichlorobenzene
Concen: 5.01 ug/L
RT: 11.755 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

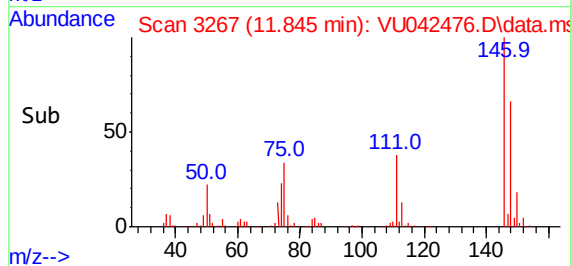
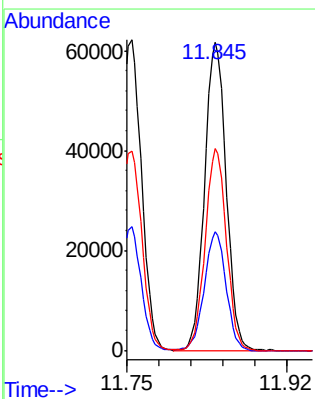
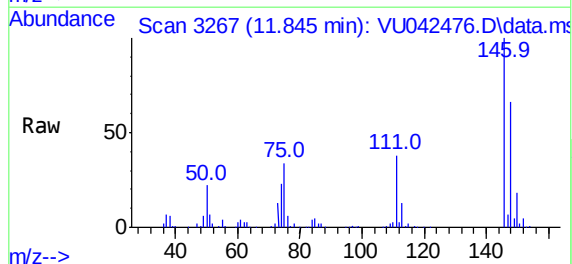
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

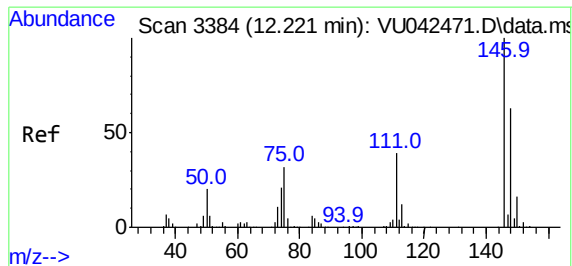
Tgt Ion:146 Resp: 98597
Ion Ratio Lower Upper
146 100
111 39.7 27.2 50.4
148 64.2 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 5.04 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion:146 Resp: 98948
Ion Ratio Lower Upper
146 100
111 38.5 25.8 47.8
148 65.7 44.1 81.9

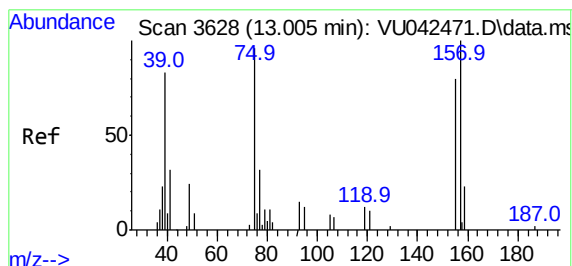
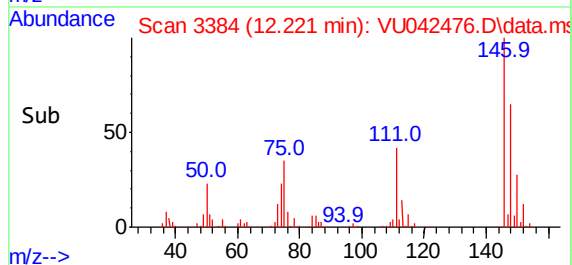
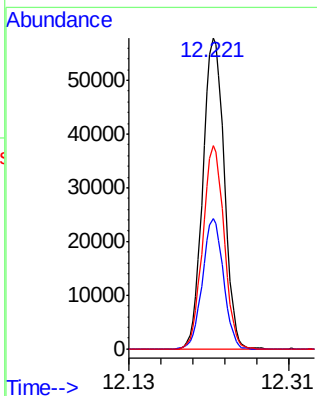
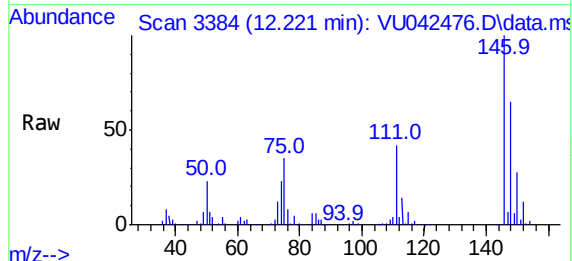




#65
1,2-Dichlorobenzene
Concen: 4.97 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

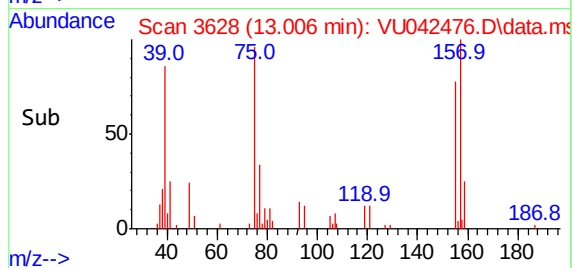
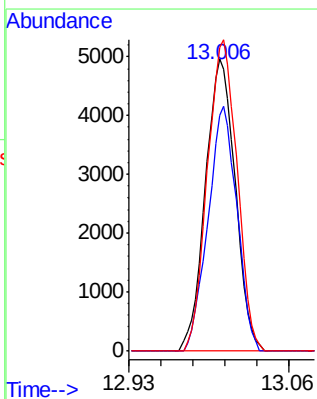
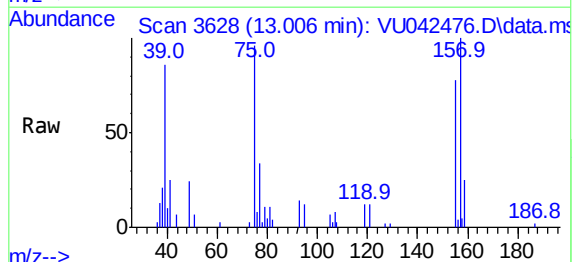
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

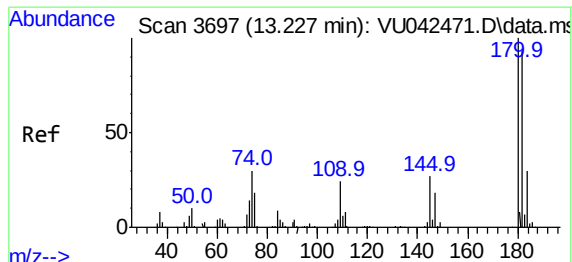
Tgt Ion:146 Resp: 94213
Ion Ratio Lower Upper
146 100
111 42.0 32.7 49.1
148 65.3 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 5.10 ug/L
RT: 13.006 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion: 75 Resp: 8120
Ion Ratio Lower Upper
75 100
155 81.1 69.0 103.6
157 104.3 91.0 136.6

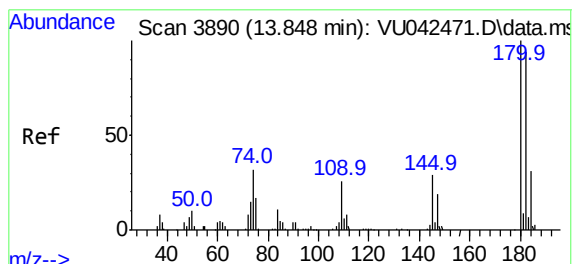
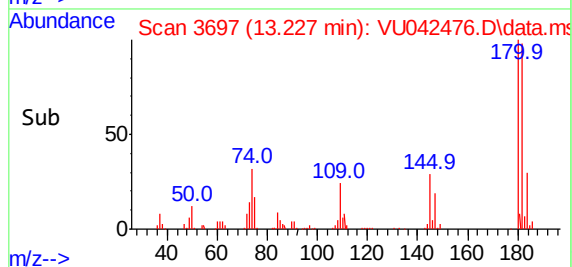
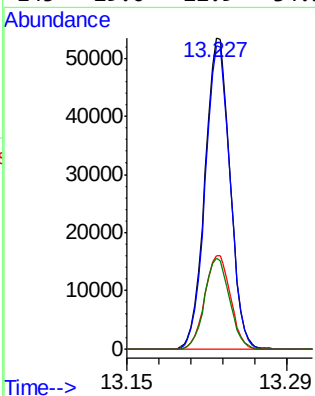
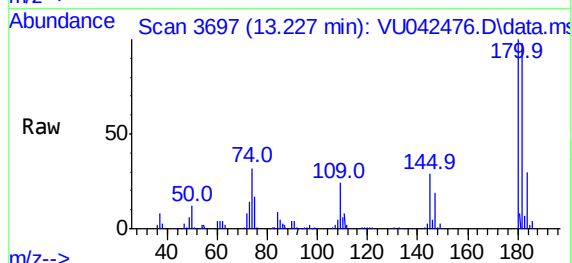




#67
1,3,5-Trichlorobenzene
Concen: 4.88 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

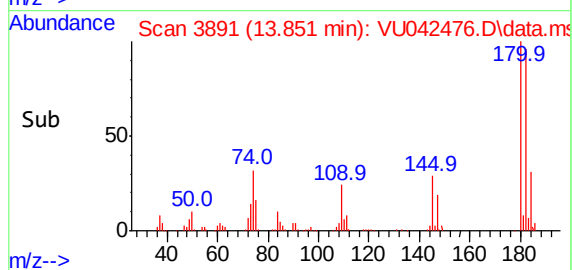
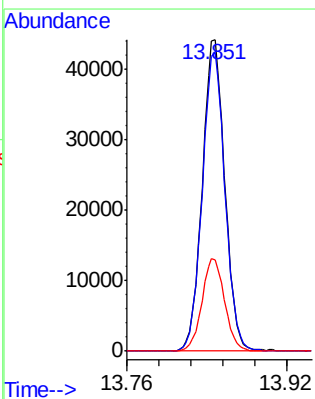
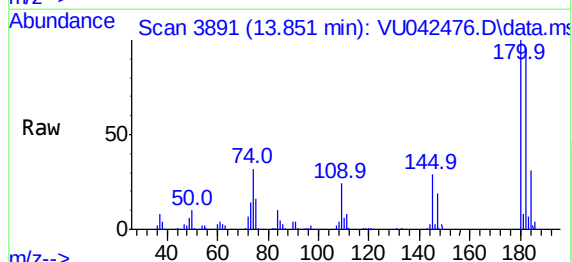
Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

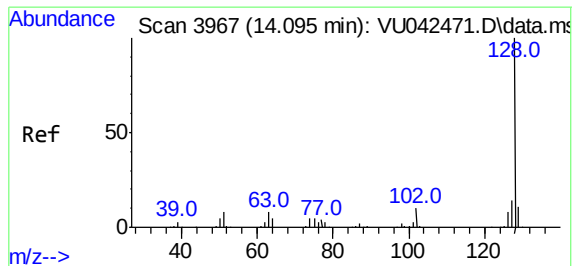
Tgt Ion:180 Resp: 83292
Ion Ratio Lower Upper
180 100
182 97.3 76.4 114.6
184 30.7 23.9 35.9
145 29.0 22.9 34.3



#68
1,2,4-trichlorobenzene
Concen: 4.86 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion:180 Resp: 68623
Ion Ratio Lower Upper
180 100
182 97.0 76.3 114.5
145 29.5 23.7 35.5

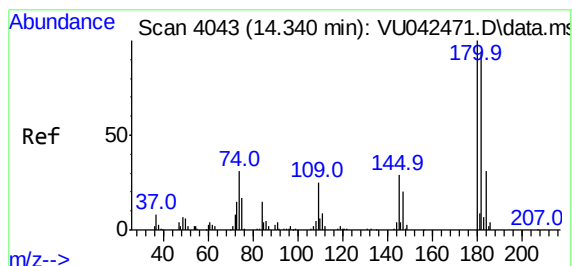
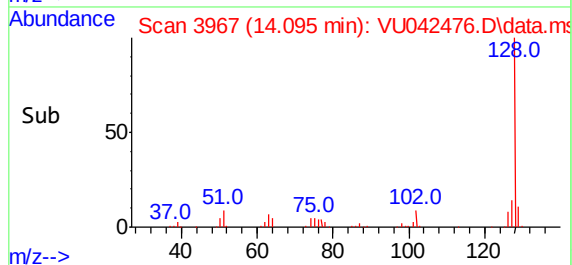
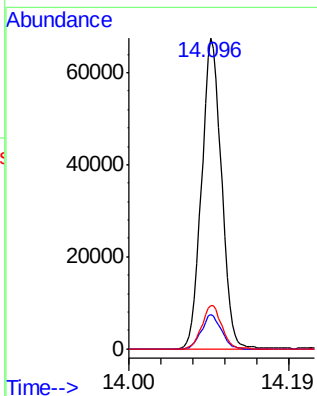
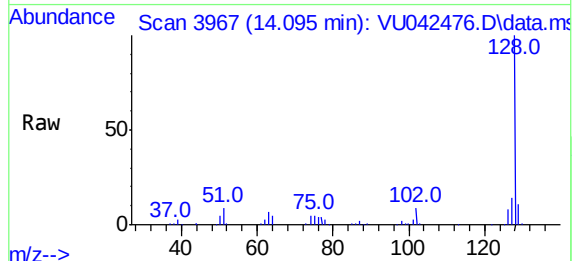




#69
Naphthalene
Concen: 4.76 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion:128 Resp: 109214
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.9 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 4.90 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.000 min
Lab File: VU042476.D
Acq: 04 Mar 2021 10:44

Tgt Ion:180 Resp: 62755
Ion Ratio Lower Upper
180 100
182 95.7 75.6 113.4
145 30.1 24.7 37.1

