

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030421\
 Data File : VU042494.D
 Acq On : 04 Mar 2021 19:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00517

Quant Time: Mar 05 00:38:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 05 00:31:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	96526	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	93729	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	50711	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28708	4.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	89.20%		
7) Chloroethane-d5	1.919	69	23103	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	94.80%		
11) 1,1-Dichloroethene-d2	2.575	63	66099	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	91.00%		
20) 2-Butanone-d5	4.646	46	91775	43.44	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	86.88%		
24) Chloroform-d	5.073	84	60298	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.80%		
26) 1,2-Dichloroethane-d4	5.713	65	37928	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.80%		
32) Benzene-d6	5.736	84	105529	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.80%		
36) 1,2-Dichloropropane-d6	6.700	67	35233	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	95.00%		
41) Toluene-d8	7.906	98	107001	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	95.40%		
43) trans-1,3-Dichloroprop...	8.189	79	15859	4.58	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	81071	48.89	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	97.78%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33628	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	101.80%		
64) 1,2-Dichlorobenzene-d4	12.202	152	43722	4.76	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	95.20%		
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.388	85	43551	4.85	ug/L	99
3) Chloromethane	1.524	50	39651	4.66	ug/L	98
5) Vinyl chloride	1.607	62	40464	4.74	ug/L	99
6) Bromomethane	1.864	94	22864	4.85	ug/L	100
8) Chloroethane	1.938	64	24949	4.89	ug/L	97
9) Trichlorofluoromethane	2.144	101	68350	4.90	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34201	4.67	ug/L	94
12) 1,1-Dichloroethene	2.588	96	32560	4.79	ug/L	96
13) Acetone	2.655	43	65096	39.98	ug/L	96
14) Carbon disulfide	2.800	76	99475	4.59	ug/L	100
15) Methyl Acetate	2.964	43	16941	4.18	ug/L	97
16) Methylene chloride	3.054	84	35643	4.38	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	90846	4.75	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	32634	4.56	ug/L	99
19) 1,1-Dichloroethane	3.880	63	65825	4.77	ug/L	100
21) 2-Butanone	4.723	43	122533	44.27	ug/L	94
22) cis-1,2-Dichloroethene	4.675	96	36475	4.77	ug/L	100
23) Bromochloromethane	4.983	128	17721	4.87	ug/L	97
25) Chloroform	5.099	83	68552	4.73	ug/L	97
27) 1,2-Dichloroethane	5.806	62	53943	4.96	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	62719	4.81	ug/L	98

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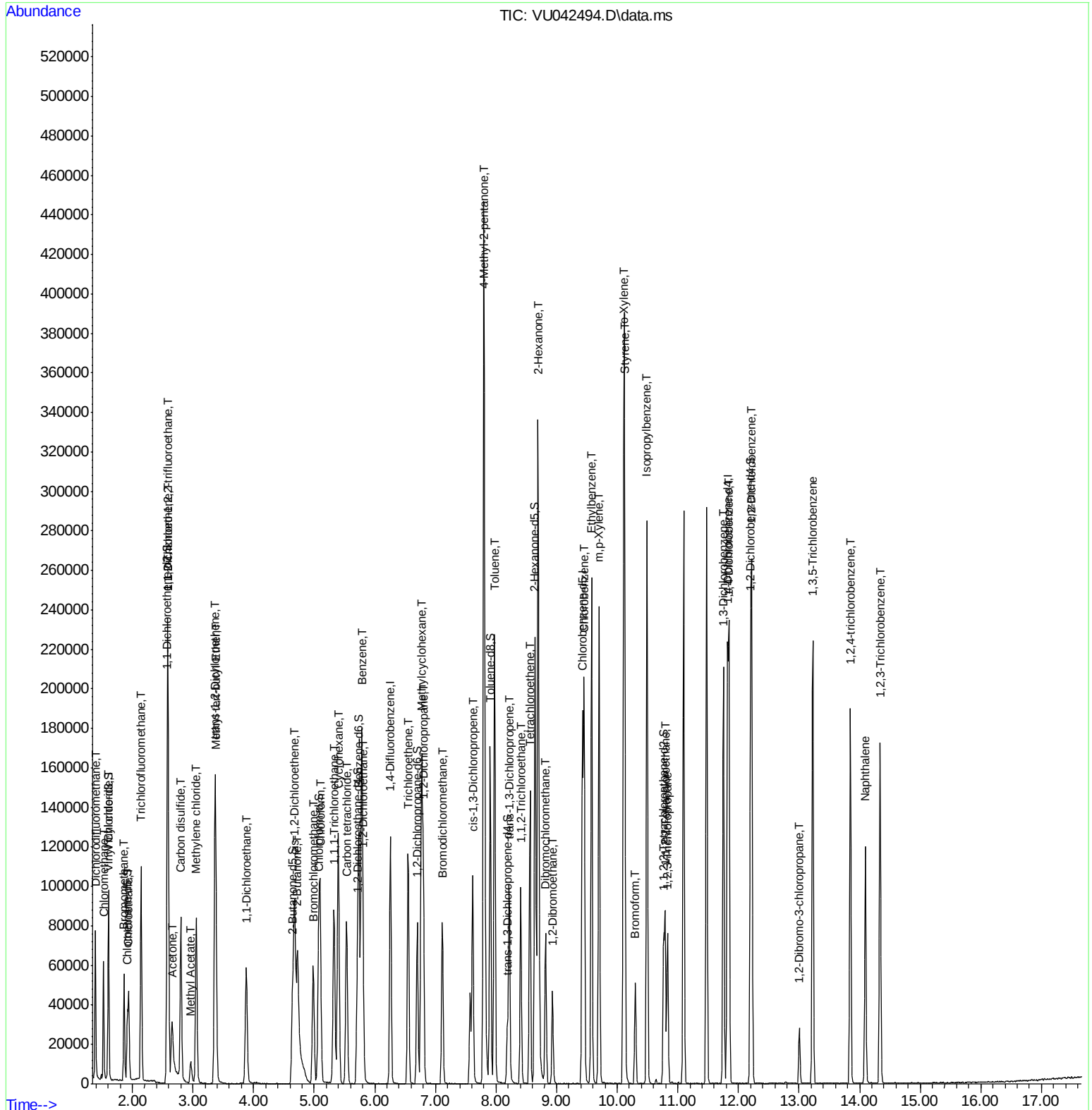
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.398	56	60774	4.67	ug/L	98
31) Carbon tetrachloride	5.533	117	54457	4.74	ug/L	100
33) Benzene	5.784	78	141335	4.82	ug/L	100
34) Trichloroethene	6.549	95	36504	4.49	ug/L	99
35) Methylcyclohexane	6.771	83	58931	4.76	ug/L	97
37) 1,2-Dichloropropane	6.800	63	38119	4.81	ug/L	99
38) Bromodichloromethane	7.115	83	50044	4.84	ug/L	99
39) cis-1,3-Dichloropropene	7.617	75	53636	4.65	ug/L	97
40) 4-Methyl-2-pentanone	7.800	43	338032	48.97	ug/L	97
42) Toluene	7.977	91	154135	4.82	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	50944	4.79	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	28094	4.81	ug/L	95
47) Tetrachloroethene	8.562	164	31517	4.75	ug/L	96
48) 2-Hexanone	8.694	43	247123	48.52	ug/L	98
49) Dibromochloromethane	8.819	129	36858	5.04	ug/L	99
50) 1,2-Dibromoethane	8.932	107	29483	5.12	ug/L	99
51) Chlorobenzene	9.452	112	97339	4.76	ug/L	99
52) Ethylbenzene	9.578	91	171227	4.75	ug/L	99
53) m,p-Xylene	9.700	106	63758	4.78	ug/L	97
54) o-Xylene	10.108	106	62812	4.86	ug/L	97
55) Styrene	10.121	104	107168	4.88	ug/L	100
56) Isopropylbenzene	10.491	105	172735	4.87	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	38569	4.93	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	29613	4.98	ug/L	98
61) Bromoform	10.298	173	22937	5.01	ug/L	99
62) 1,3-Dichlorobenzene	11.755	146	82238	4.70	ug/L	100
63) 1,4-Dichlorobenzene	11.845	146	83919	4.81	ug/L	98
65) 1,2-Dichlorobenzene	12.218	146	81794	4.86	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	6926	4.89	ug/L	87
67) 1,3,5-Trichlorobenzene	13.227	180	68188	4.50	ug/L	98
68) 1,2,4-trichlorobenzene	13.848	180	56009	4.46	ug/L	99
69) Naphthalene	14.095	128	91852	4.50	ug/L	99
70) 1,2,3-Trichlorobenzene	14.336	180	52068	4.57	ug/L	98

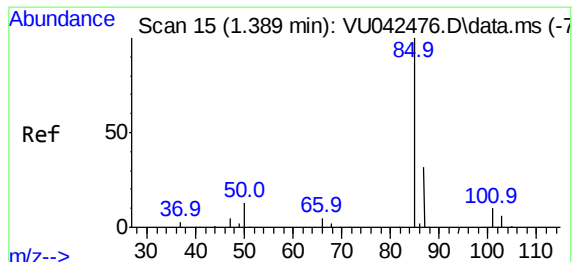
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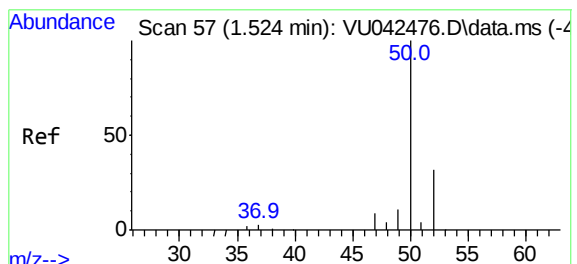
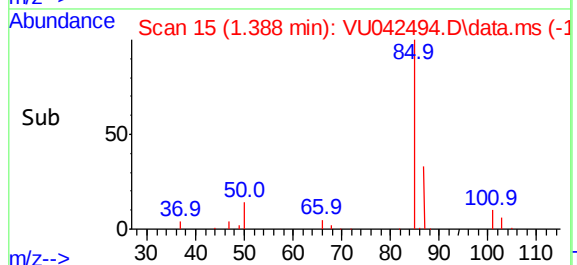
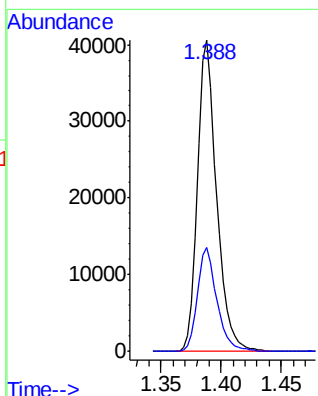
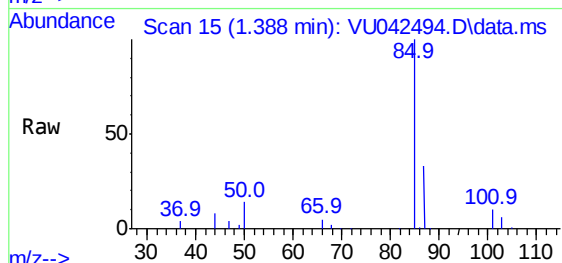




#2
Dichlorodifluoromethane
Concen: 4.85 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

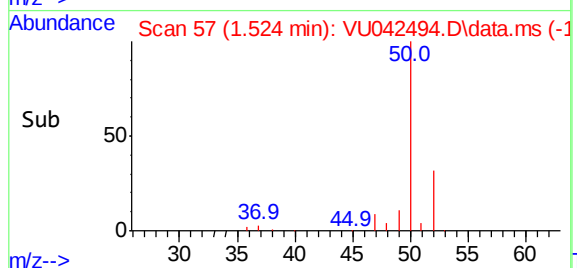
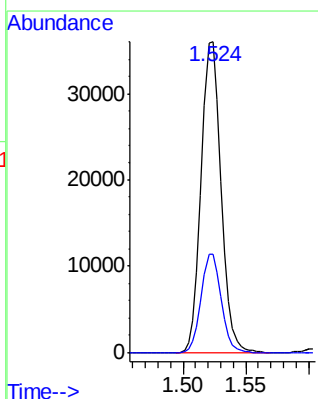
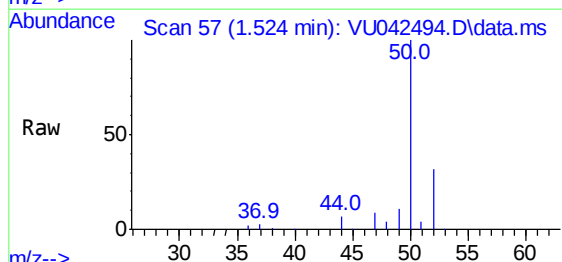
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MSVOA_U
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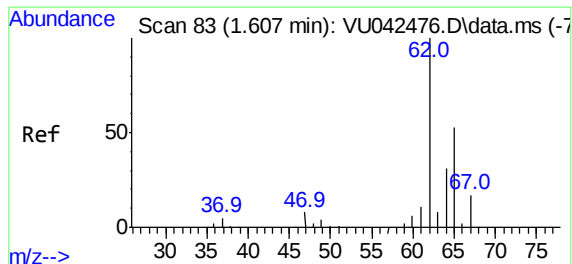
Tgt Ion: 85 Resp: 43551
Ion Ratio Lower Upper
85 100
87 33.3 26.1 39.1



#3
Chloromethane
Concen: 4.66 ug/L
RT: 1.524 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion: 50 Resp: 39651
Ion Ratio Lower Upper
50 100
52 31.5 23.0 42.8

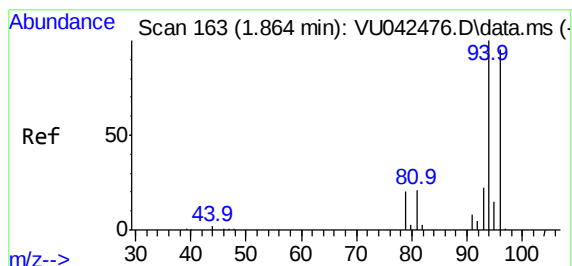
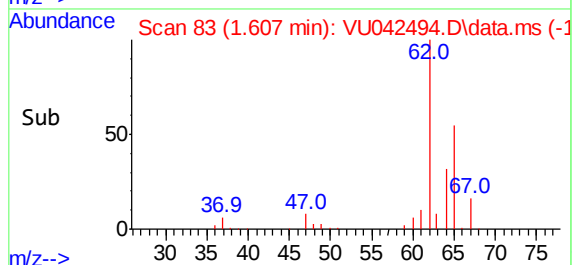
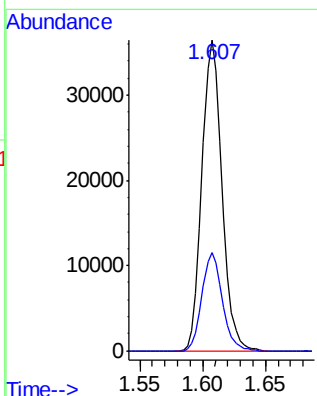
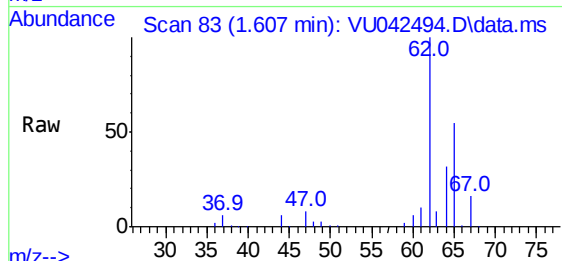




#5
 Vinyl chloride
 Concen: 4.74 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042494.D
 Acq: 04 Mar 2021 19:00

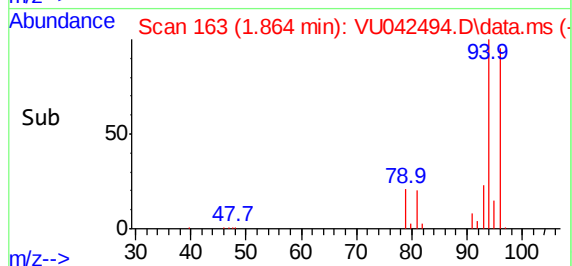
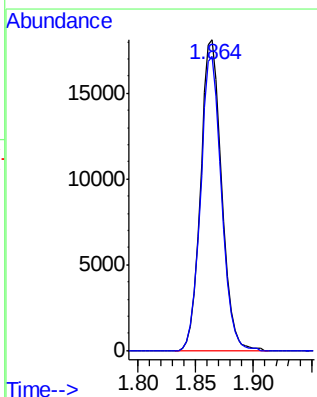
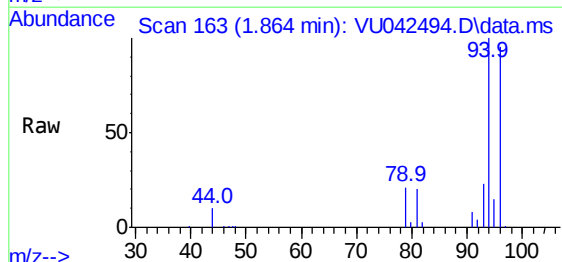
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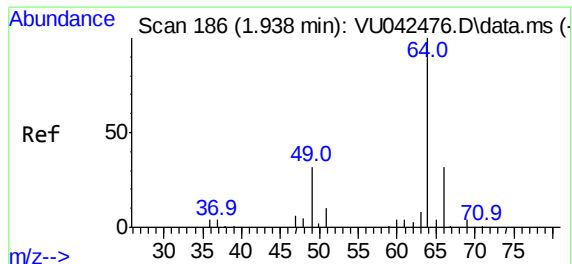
Tgt Ion: 62 Resp: 40464
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.7 42.1



#6
 Bromomethane
 Concen: 4.85 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU042494.D
 Acq: 04 Mar 2021 19:00

Tgt Ion: 94 Resp: 22864
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.5 123.5

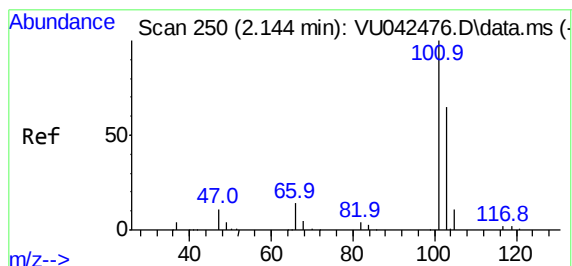
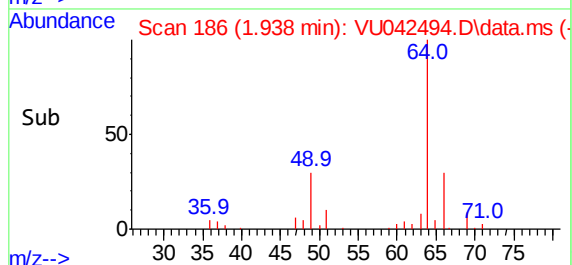
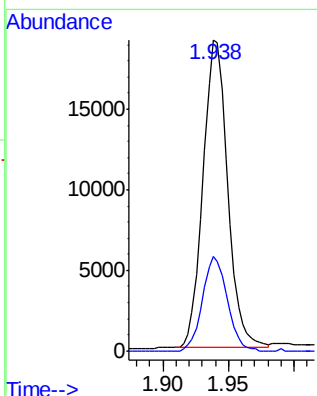
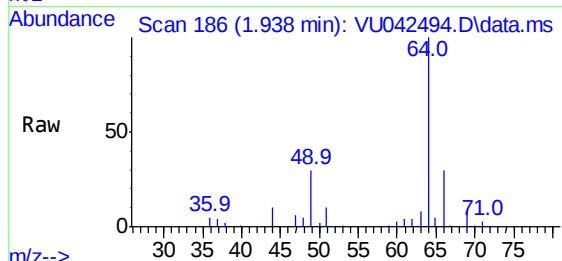




#8
Chloroethane
Concen: 4.89 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

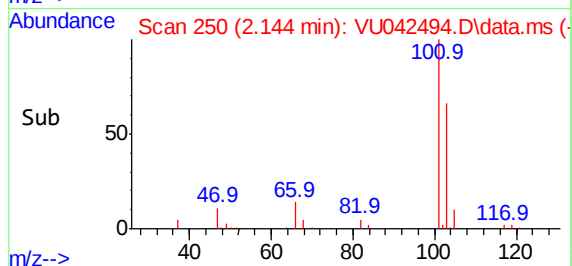
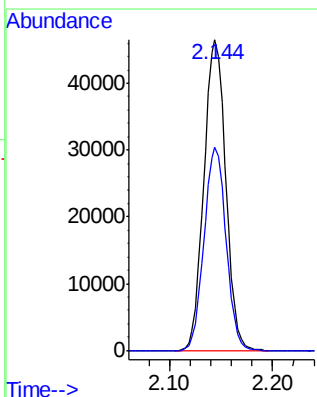
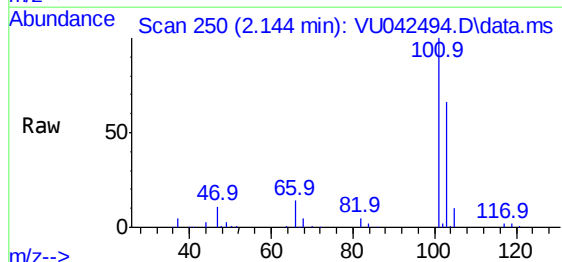
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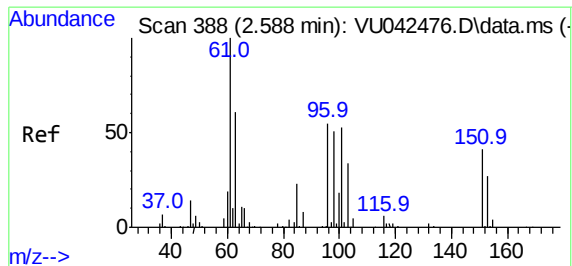
Tgt Ion: 64 Resp: 24949
Ion Ratio Lower Upper
64 100
66 30.2 22.2 41.2



#9
Trichlorofluoromethane
Concen: 4.90 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion:101 Resp: 68350
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.8

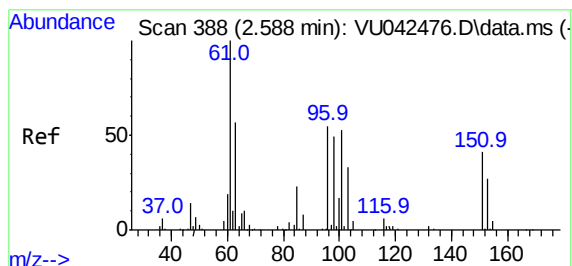
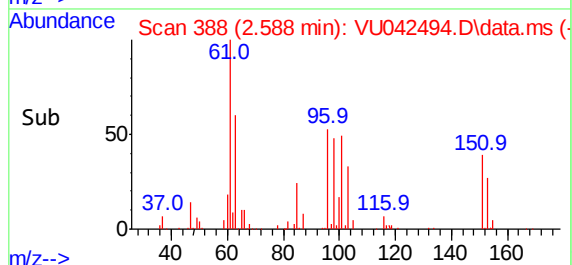
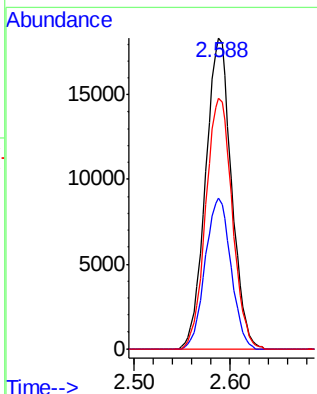
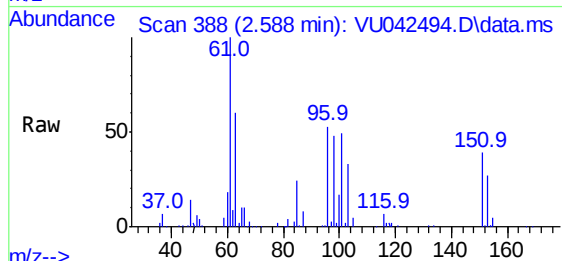




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.67 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042494.D
 Acq: 04 Mar 2021 19:00

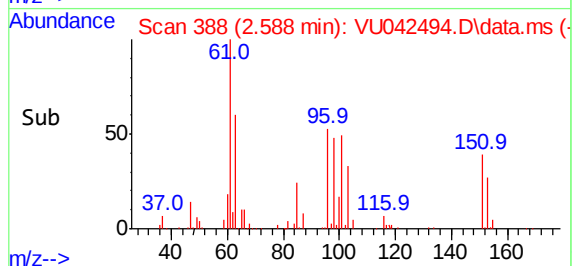
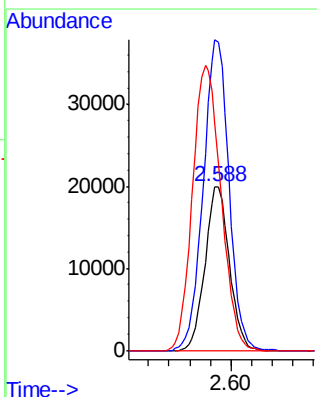
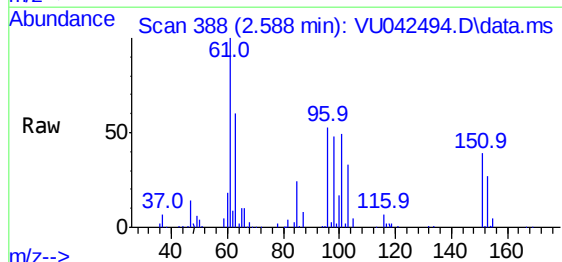
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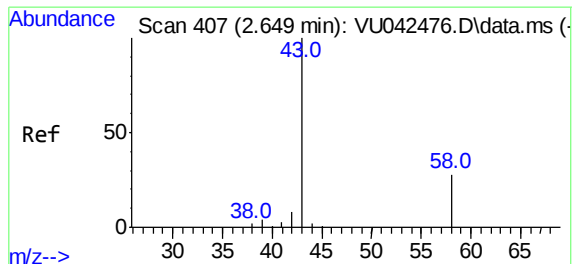
Tgt Ion:101 Resp: 34201
 Ion Ratio Lower Upper
 101 100
 85 48.0 34.6 51.8
 151 82.2 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 4.79 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042494.D
 Acq: 04 Mar 2021 19:00

Tgt Ion: 96 Resp: 32560
 Ion Ratio Lower Upper
 96 100
 61 188.2 126.2 234.4
 63 113.4 77.8 144.4

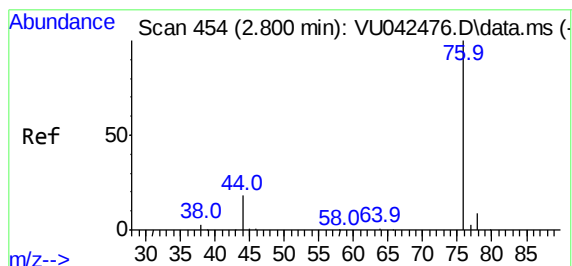
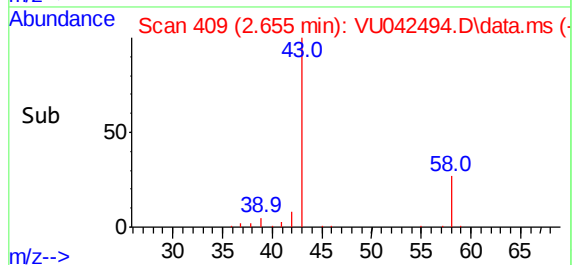
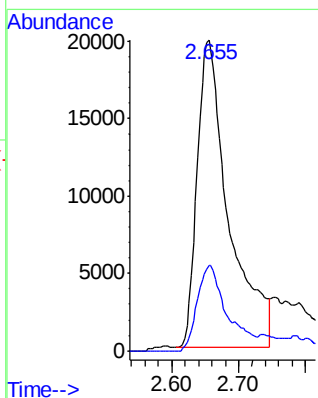
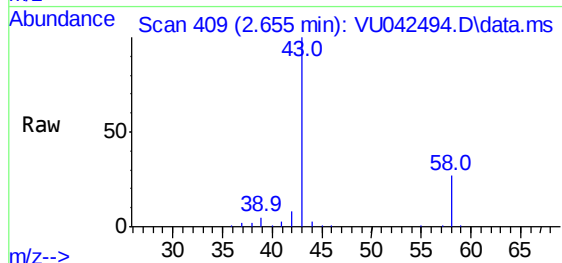




#13
Acetone
Concen: 39.98 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.006 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

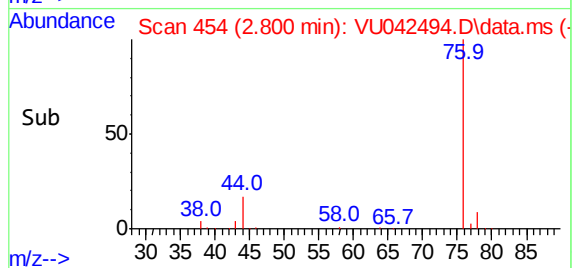
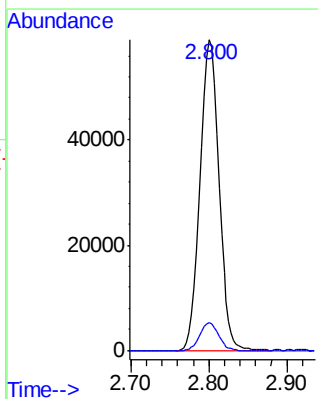
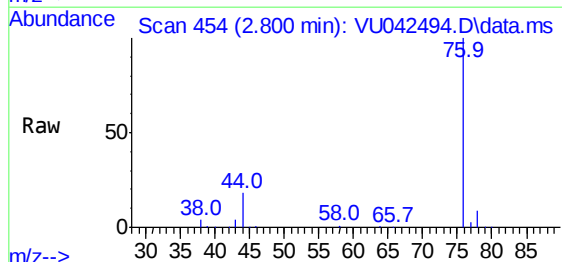
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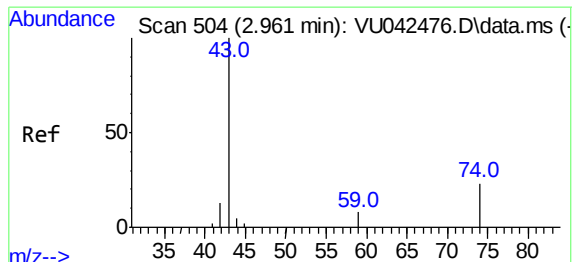
Tgt Ion: 43 Resp: 65096
Ion Ratio Lower Upper
43 100
58 26.0 0.0 55.8



#14
Carbon disulfide
Concen: 4.59 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042494.D
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Tgt Ion: 76 Resp: 99475
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

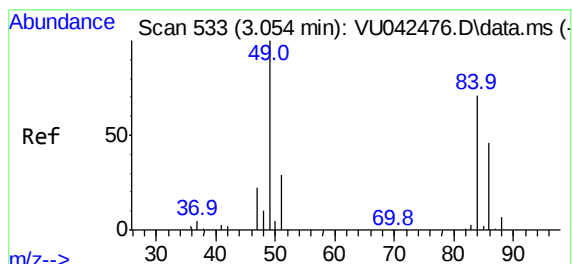
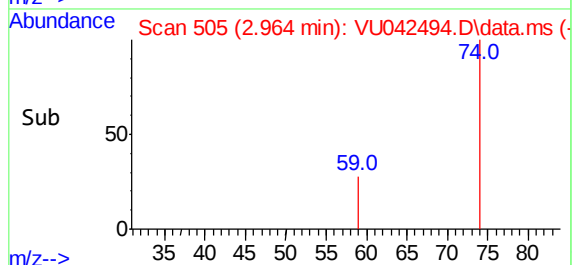
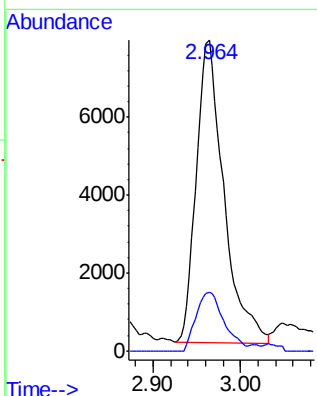
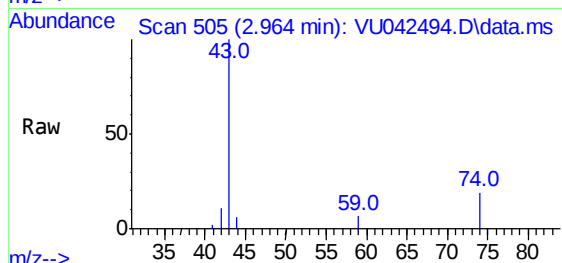




#15
Methyl Acetate
Concen: 4.18 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

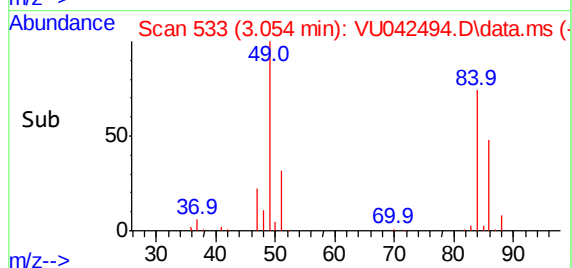
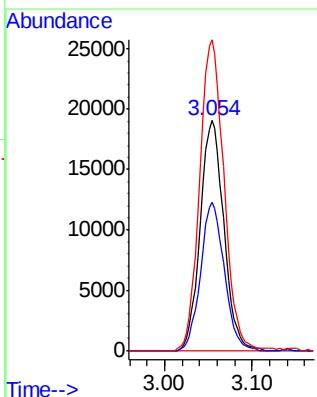
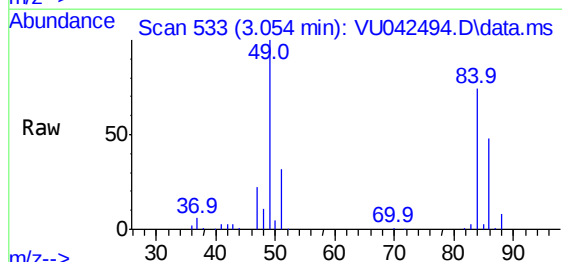
Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

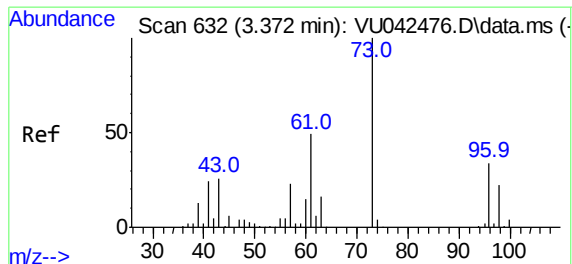
Tgt Ion: 43 Resp: 16941
Ion Ratio Lower Upper
43 100
74 19.7 16.9 25.3



#16
Methylene chloride
Concen: 4.38 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion: 84 Resp: 35643
Ion Ratio Lower Upper
84 100
86 64.5 44.1 81.9
49 135.4 95.0 176.4

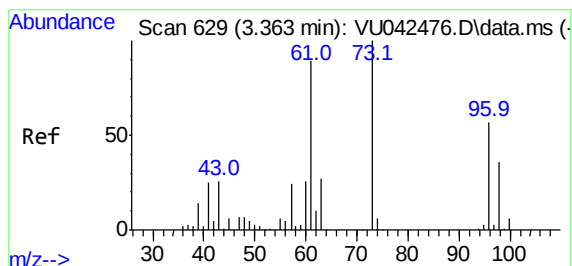
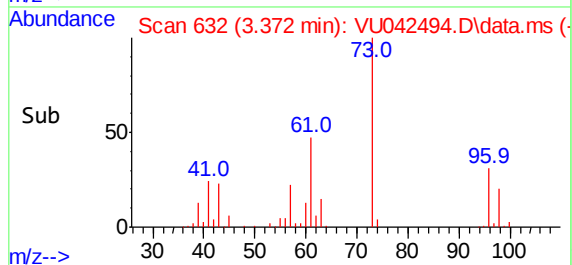
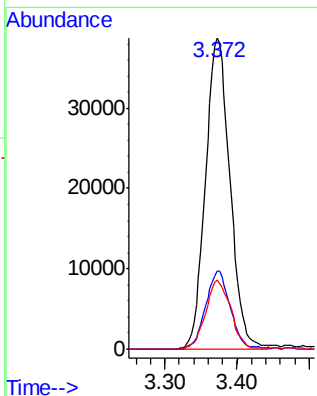
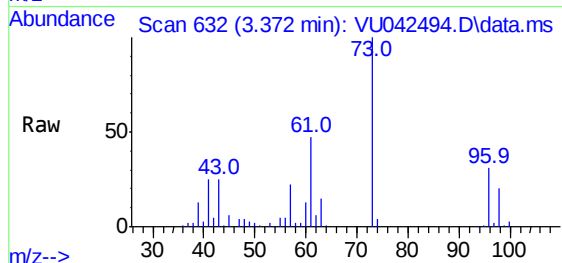




#17
Methyl tert-butyl Ether
Concen: 4.75 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

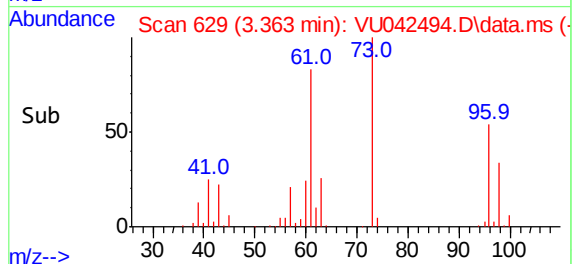
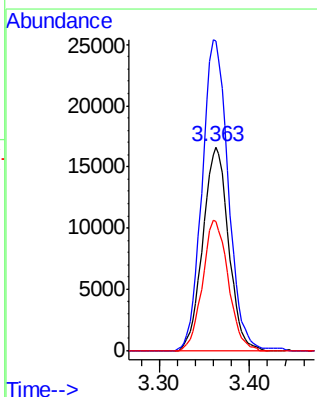
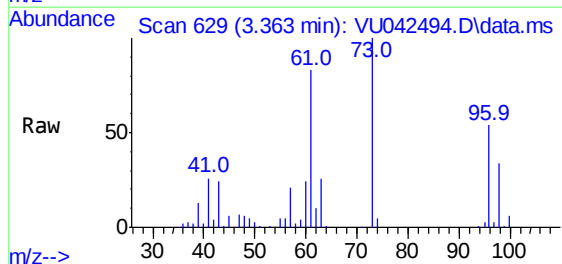
Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

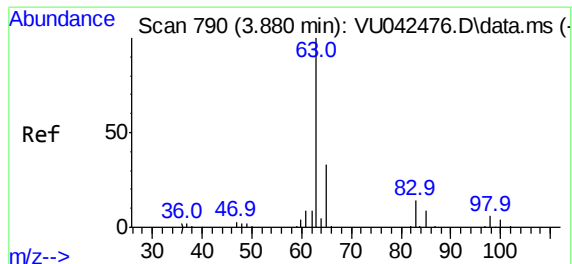
Tgt Ion: 73 Resp: 90846
Ion Ratio Lower Upper
73 100
43 25.1 18.9 28.3
57 22.5 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.56 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion: 96 Resp: 32634
Ion Ratio Lower Upper
96 100
61 152.2 105.7 196.3
98 63.4 42.8 79.6

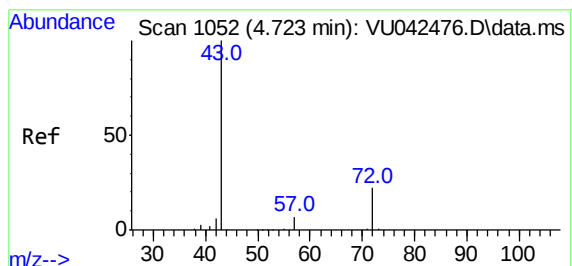
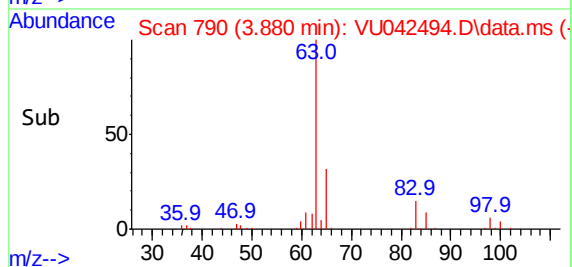
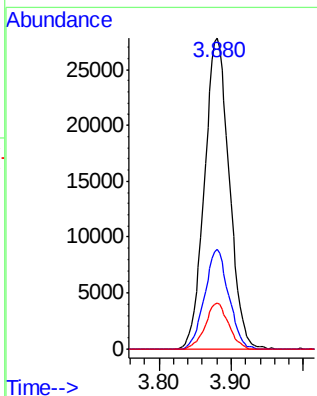
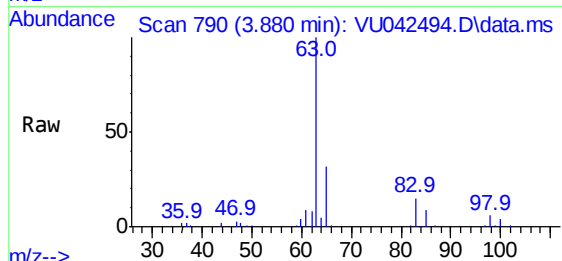




#19
1,1-Dichloroethane
Concen: 4.77 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

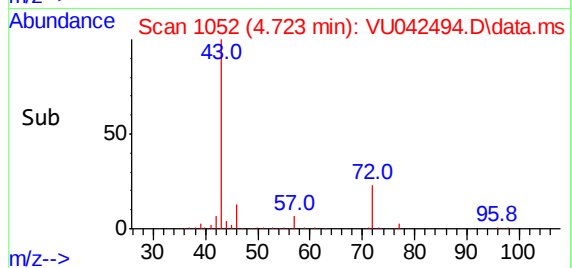
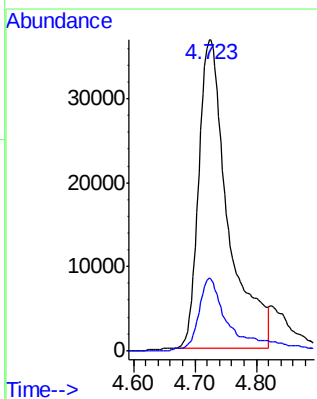
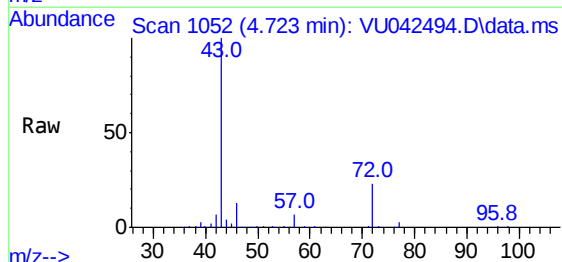
Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

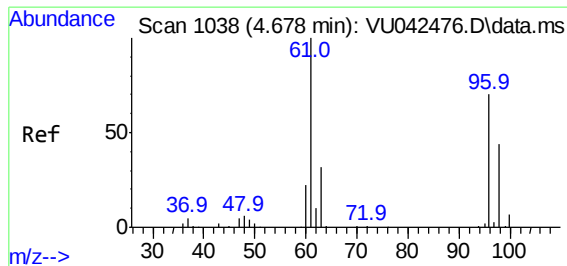
Tgt Ion: 63 Resp: 65825
Ion Ratio Lower Upper
63 100
65 32.1 22.5 41.9
83 14.7 10.1 18.7



#21
2-Butanone
Concen: 44.27 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion: 43 Resp: 122533
Ion Ratio Lower Upper
43 100
72 20.5 11.7 35.1



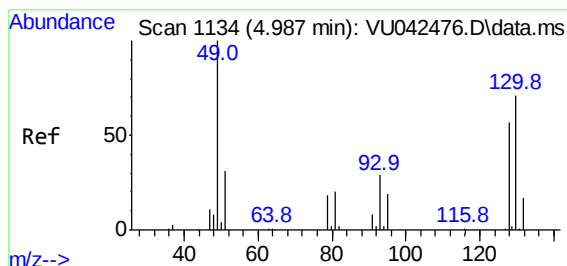
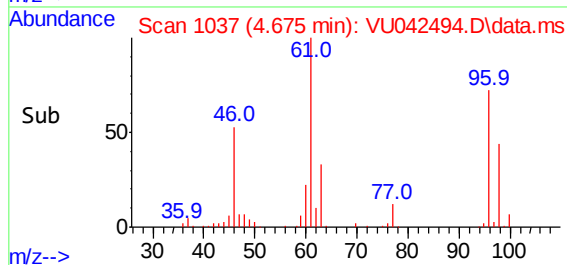
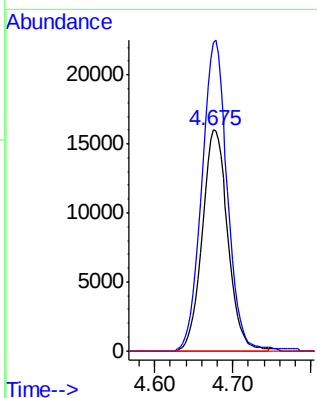
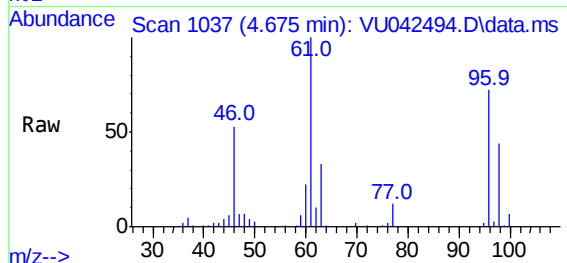


#22
 cis-1,2-Dichloroethene
 Concen: 4.77 ug/L
 RT: 4.675 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU042494.D
 Acq: 04 Mar 2021 19:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00517

Tgt Ion: 96 Resp: 36475

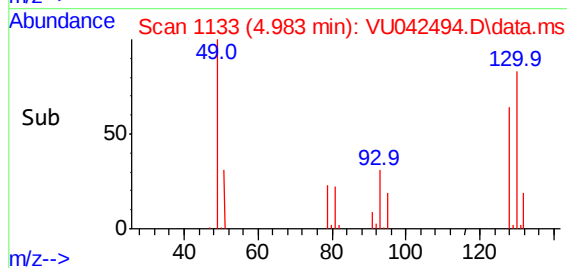
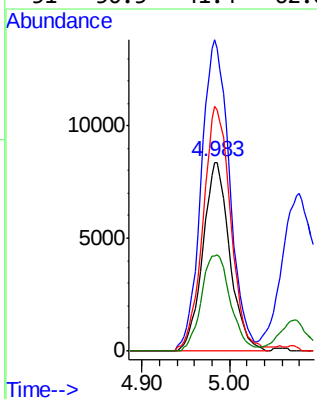
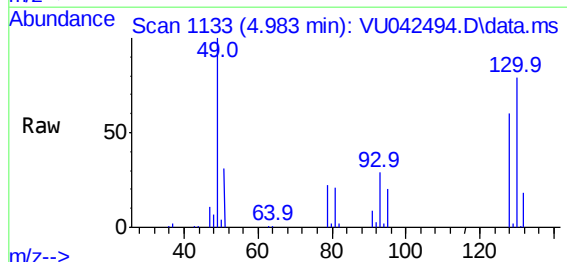
Ion	Ratio	Lower	Upper
96	100		
61	139.2	97.8	181.6
68	0.0	0.0	0.0

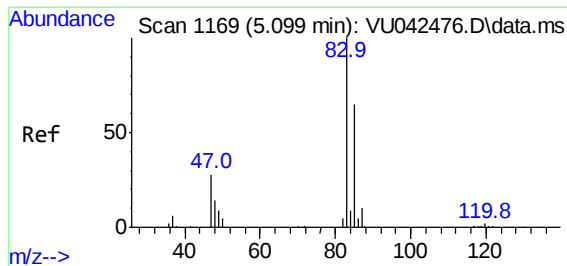


#23
 Bromochloromethane
 Concen: 4.87 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.003 min
 Lab File: VU042494.D
 Acq: 04 Mar 2021 19:00

Tgt Ion: 128 Resp: 17721

Ion	Ratio	Lower	Upper
128	100		
49	165.3	117.7	218.7
130	130.2	87.9	163.3
51	50.5	41.4	62.0

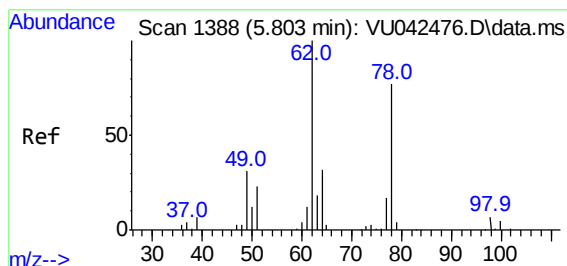
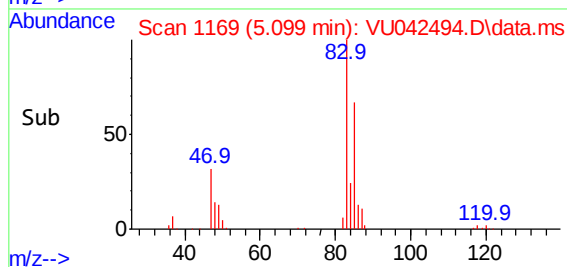
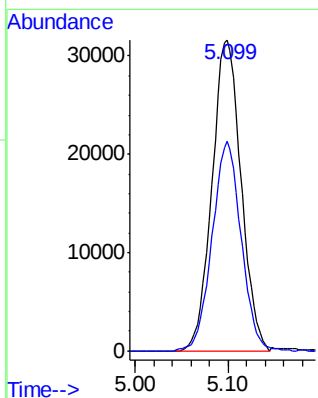
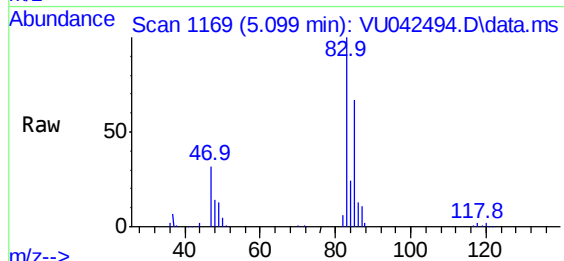




#25
Chloroform
Concen: 4.73 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

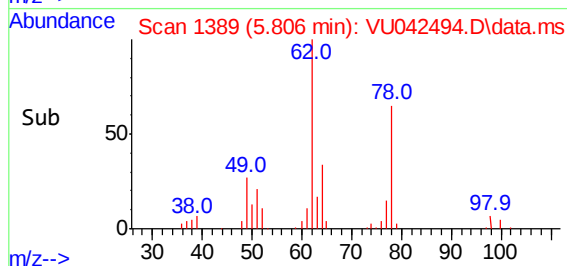
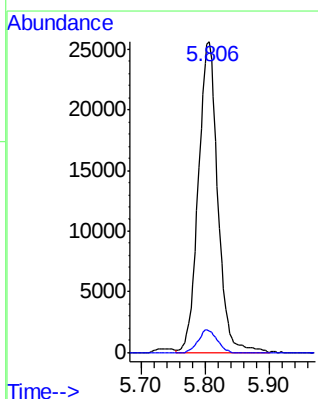
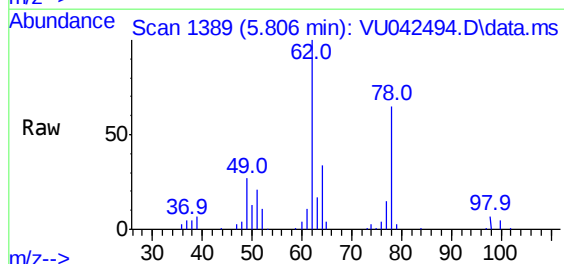
Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

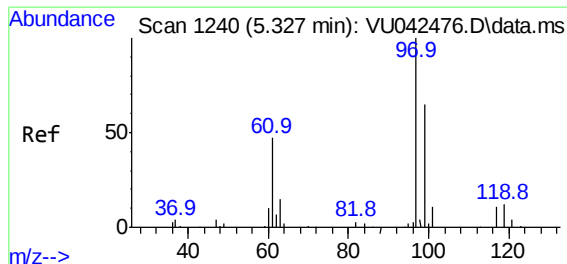
Tgt Ion: 83 Resp: 68552
Ion Ratio Lower Upper
83 100
85 67.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 4.96 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion: 62 Resp: 53943
Ion Ratio Lower Upper
62 100
98 7.0 7.3 10.9#

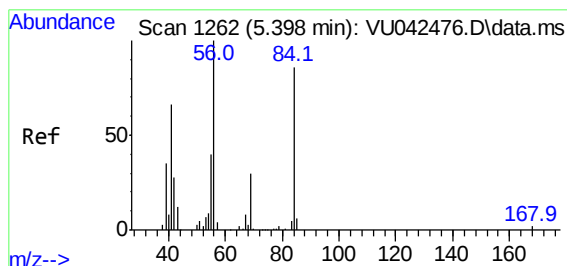
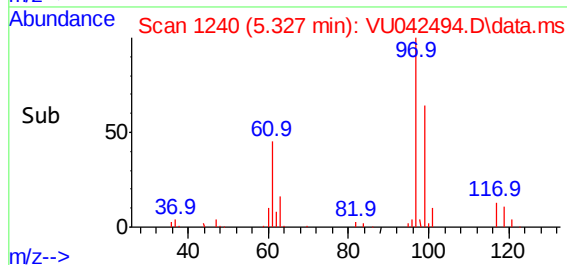
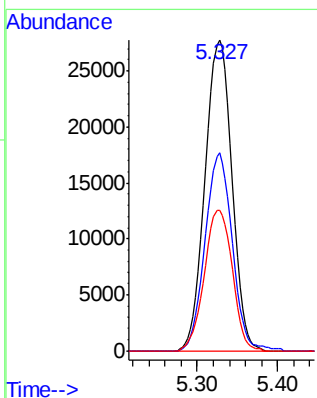
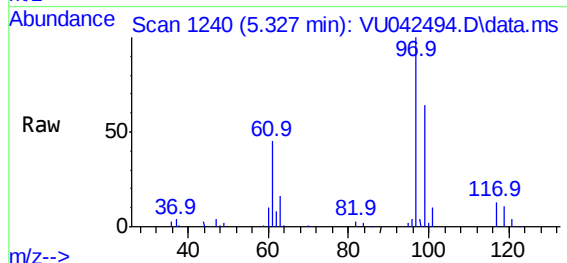




#29
1,1,1-Trichloroethane
Concen: 4.81 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

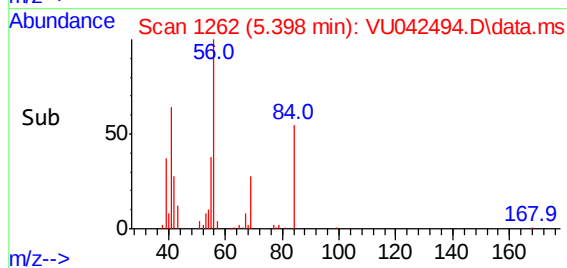
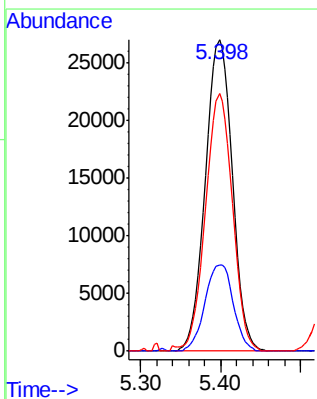
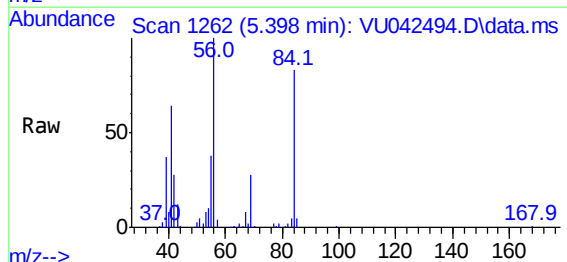
Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

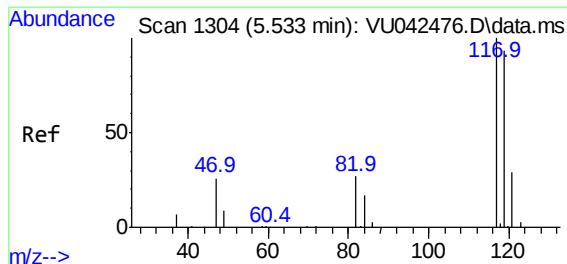
Tgt Ion: 97 Resp: 62719
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 46.9 35.8 53.6



#30
Cyclohexane
Concen: 4.67 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion: 56 Resp: 60774
Ion Ratio Lower Upper
56 100
69 28.8 23.7 35.5
84 83.0 65.3 97.9

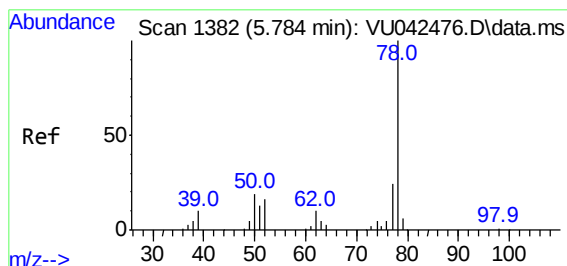
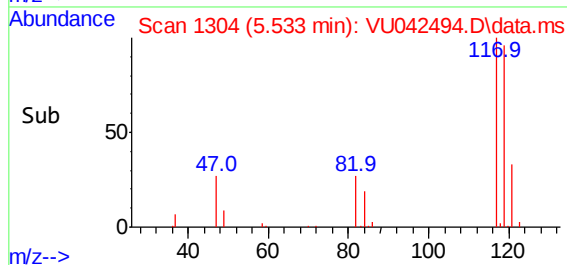
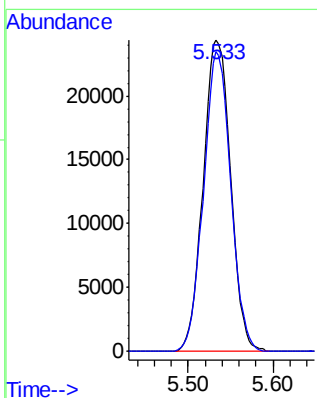
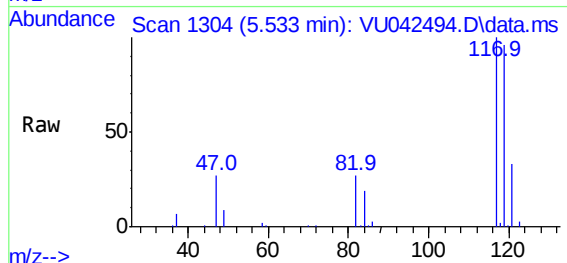




#31
Carbon tetrachloride
Concen: 4.74 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

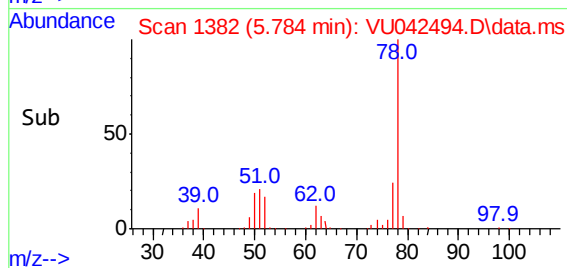
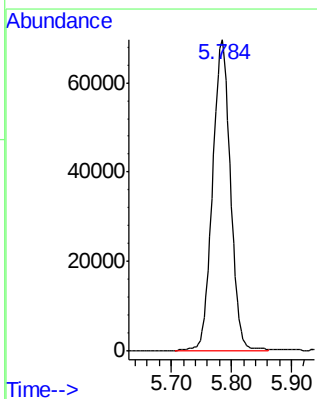
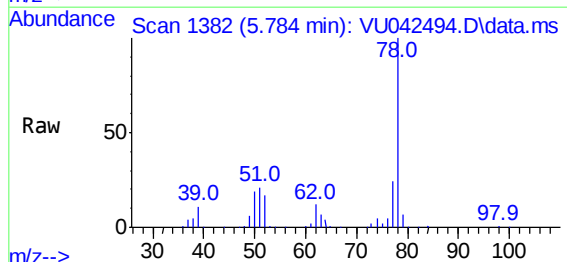
Instrument :
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ClientSampleId :
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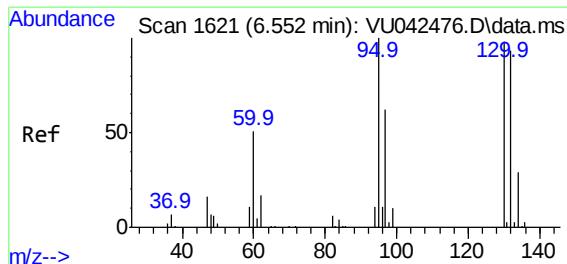
Tgt Ion:117 Resp: 54457
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.4



#33
Benzene
Concen: 4.82 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion: 78 Resp: 141335



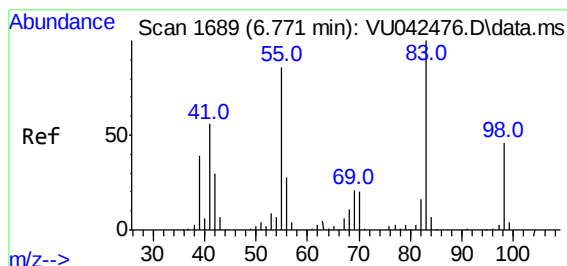
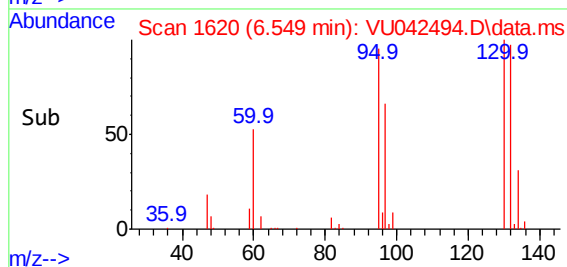
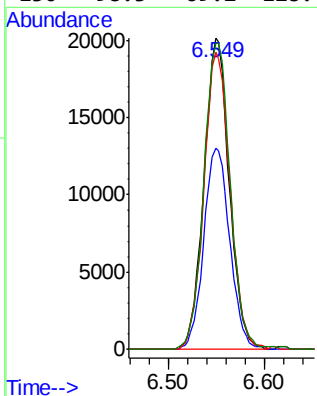
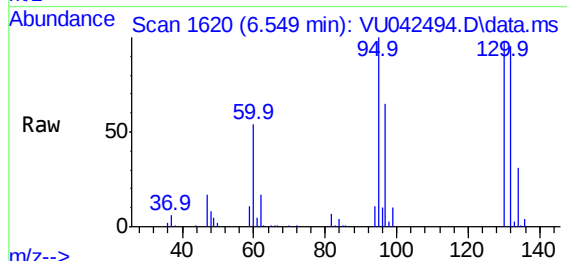


#34
Trichloroethene
Concen: 4.49 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

Tgt Ion: 95 Resp: 36504

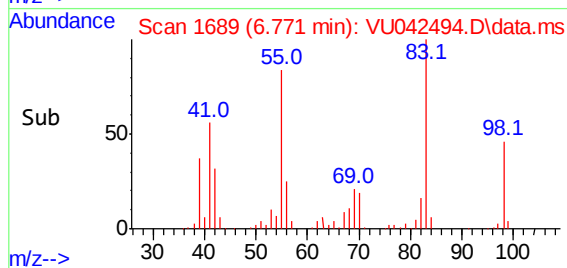
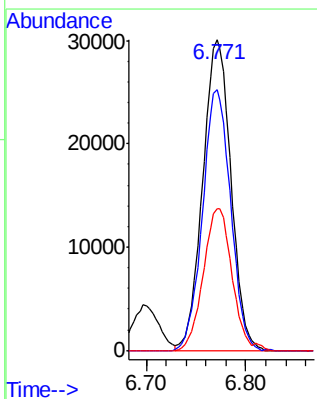
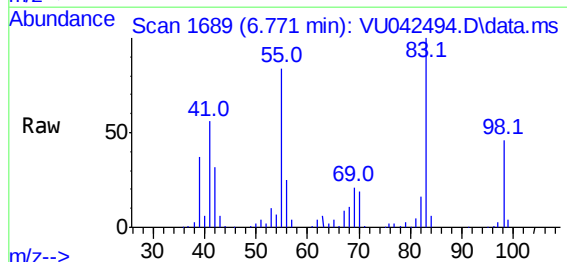
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.4	82.4
132	95.4	68.0	126.4
130	98.3	69.2	128.4

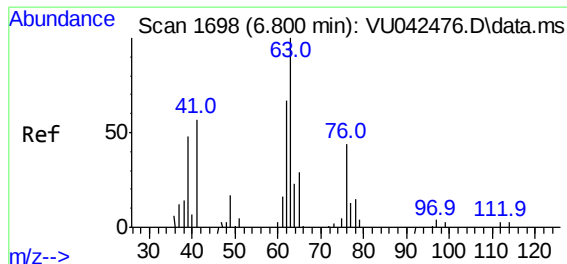


#35
Methylcyclohexane
Concen: 4.76 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion: 83 Resp: 58931

Ion	Ratio	Lower	Upper
83	100		
55	83.6	68.2	102.4
98	46.6	39.7	59.5

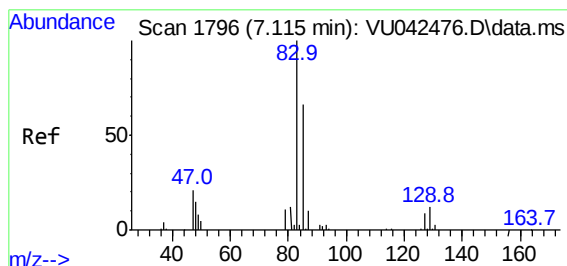
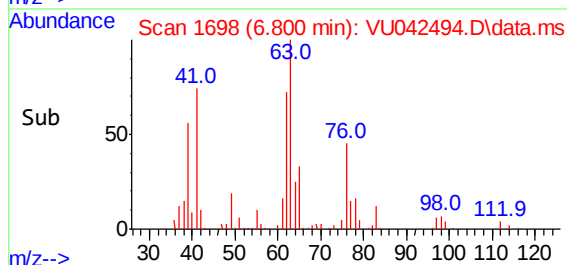
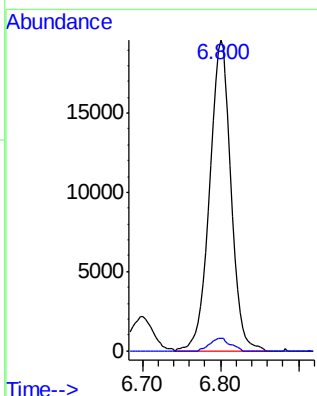
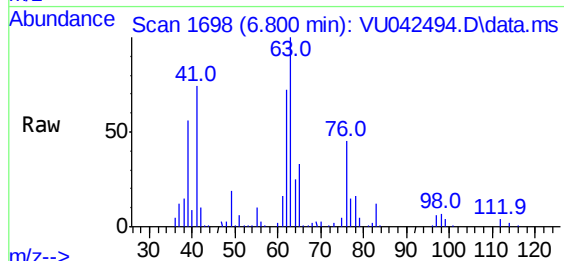




#37
1,2-Dichloropropane
Concen: 4.81 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

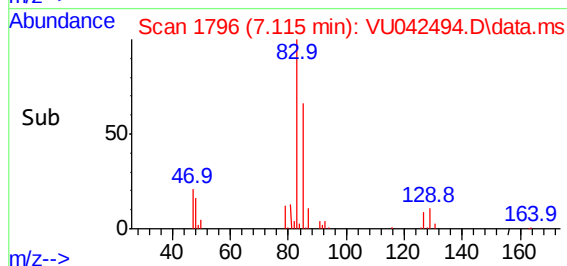
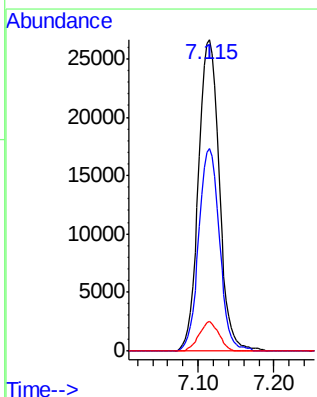
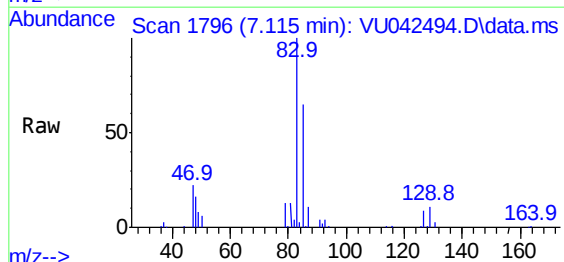
Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

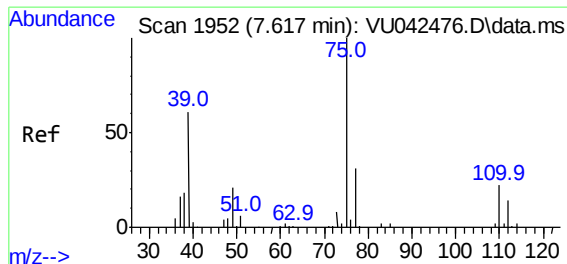
Tgt Ion: 63 Resp: 38119
Ion Ratio Lower Upper
63 100
112 3.8 3.4 5.0



#38
Bromodichloromethane
Concen: 4.84 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion: 83 Resp: 50044
Ion Ratio Lower Upper
83 100
85 65.1 46.0 85.4
127 9.3 6.8 10.2

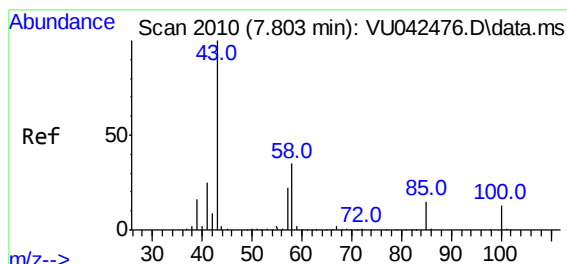
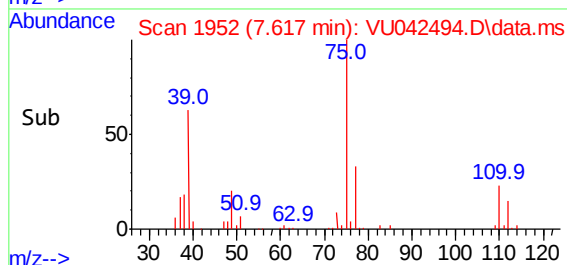
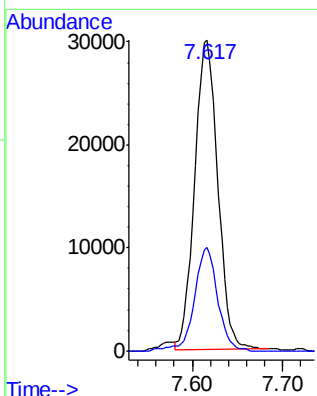
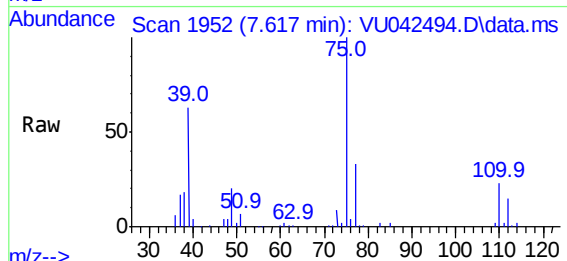




#39
 cis-1,3-Dichloropropene
 Concen: 4.65 ug/L
 RT: 7.617 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VU042494.D
 Acq: 04 Mar 2021 19:00

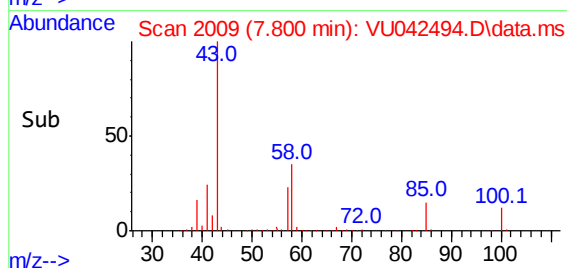
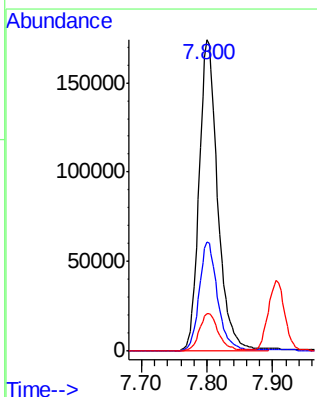
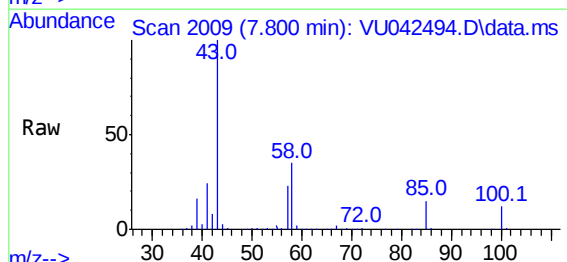
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00517

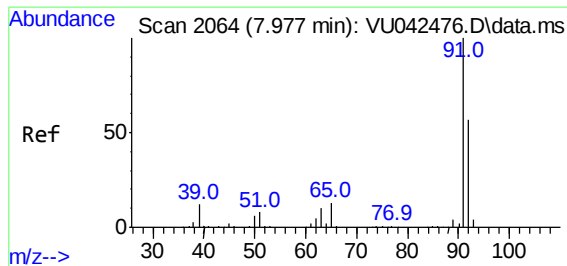
Tgt Ion: 75 Resp: 53636
 Ion Ratio Lower Upper
 75 100
 77 33.2 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 48.97 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.003 min
 Lab File: VU042494.D
 Acq: 04 Mar 2021 19:00

Tgt Ion: 43 Resp: 338032
 Ion Ratio Lower Upper
 43 100
 58 34.6 29.1 43.7
 100 12.0 11.0 16.4

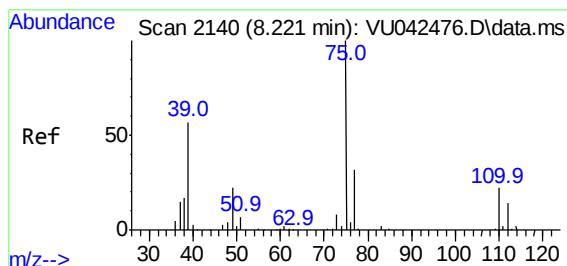
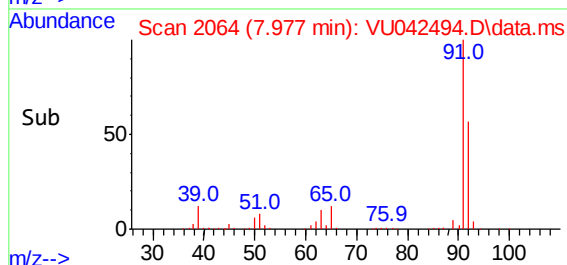
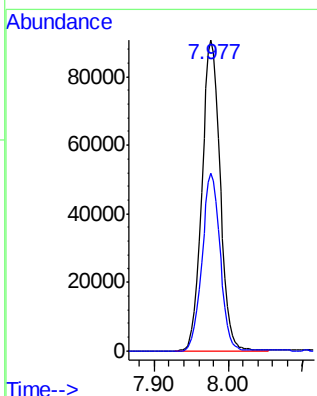
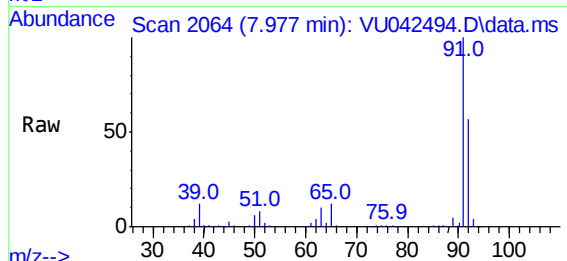




#42
Toluene
Concen: 4.82 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

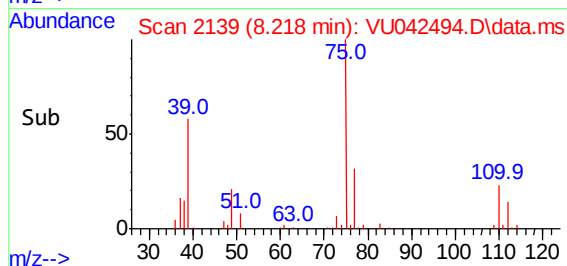
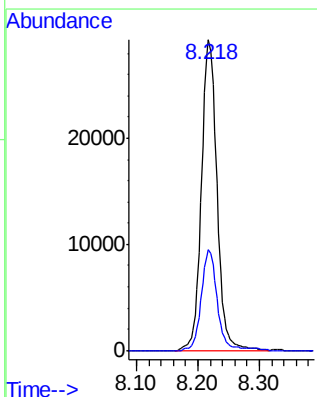
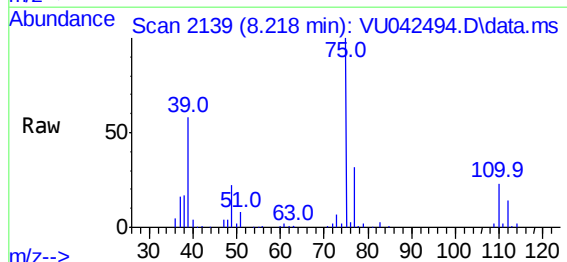
Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

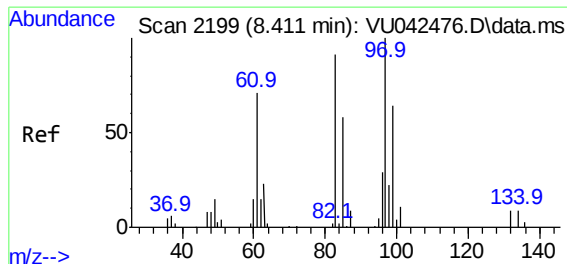
Tgt Ion: 91 Resp: 154135
Ion Ratio Lower Upper
91 100
92 57.0 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 4.79 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.003 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion: 75 Resp: 50944
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.4



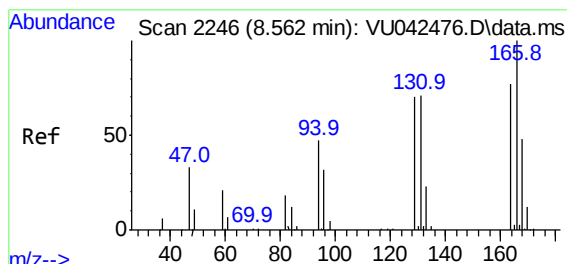
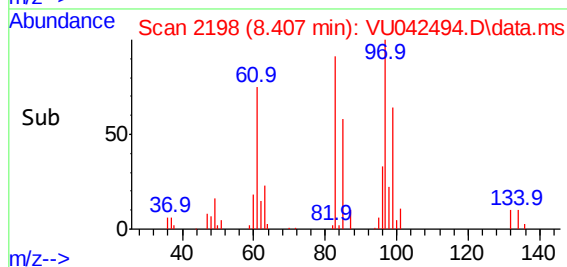
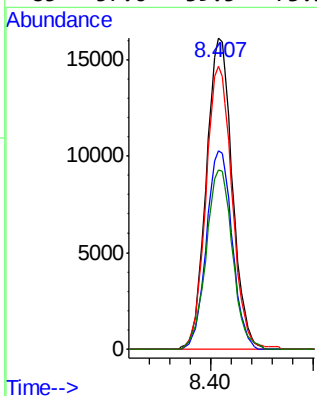
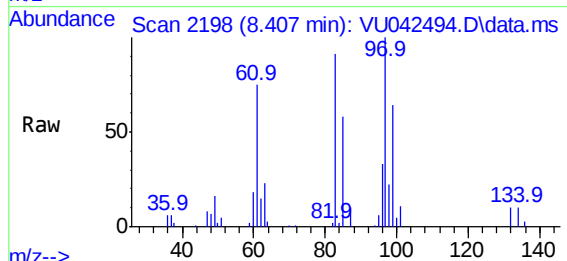


#45
1,1,2-Trichloroethane
Concen: 4.81 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

Tgt Ion: 97 Resp: 28094

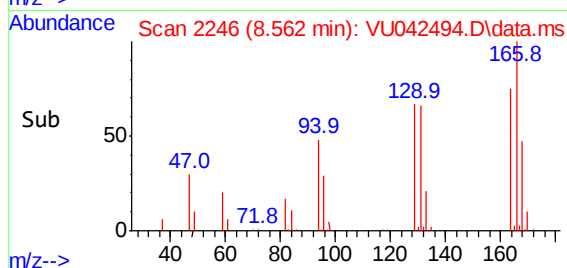
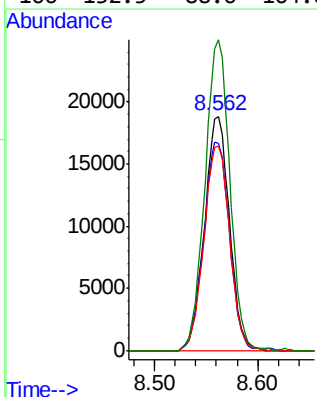
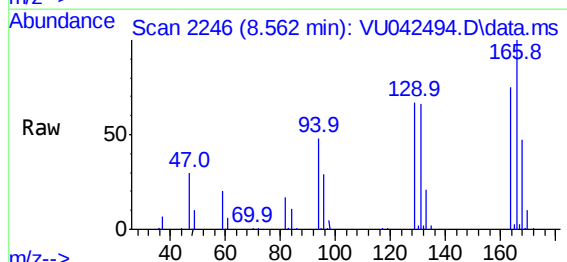
Ion	Ratio	Lower	Upper
97	100		
99	63.9	44.0	81.8
83	91.0	57.6	107.0
85	57.6	39.5	73.3

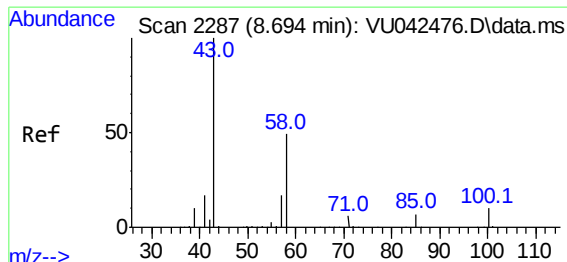


#47
Tetrachloroethene
Concen: 4.75 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion: 164 Resp: 31517

Ion	Ratio	Lower	Upper
164	100		
129	88.3	64.3	119.5
131	87.4	62.2	115.6
166	132.5	88.6	164.6



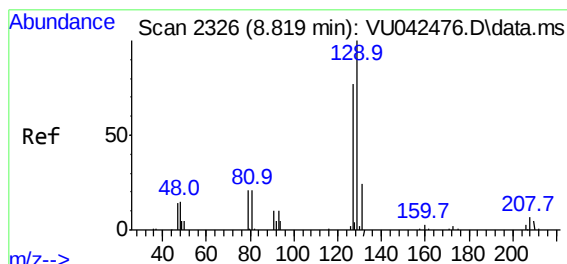
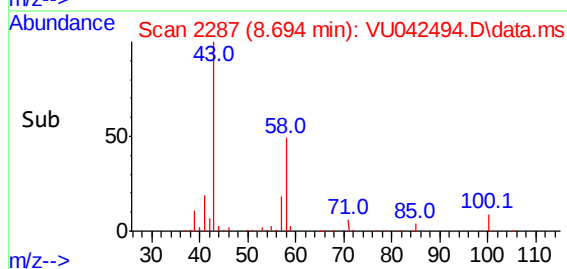
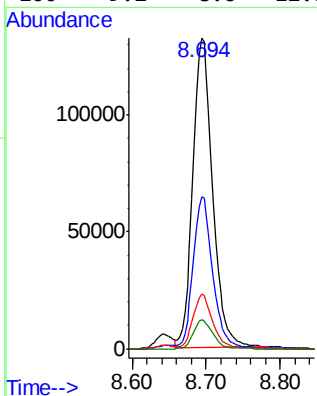
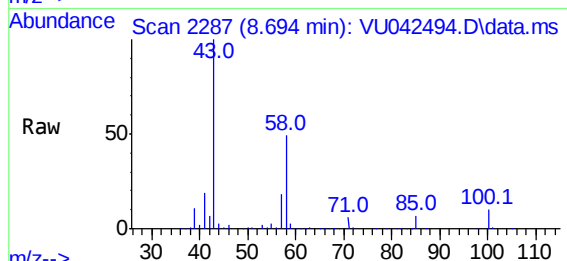


#48
2-Hexanone
Concen: 48.52 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

Tgt Ion: 43 Resp: 247123

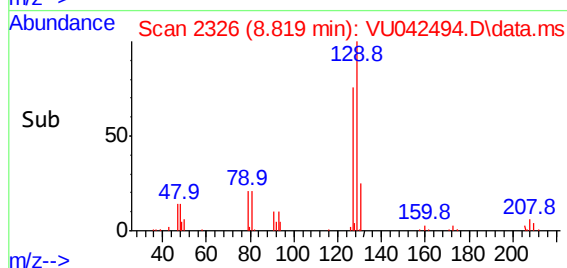
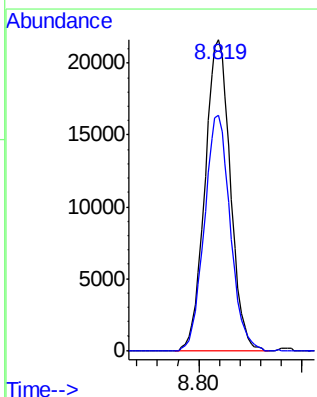
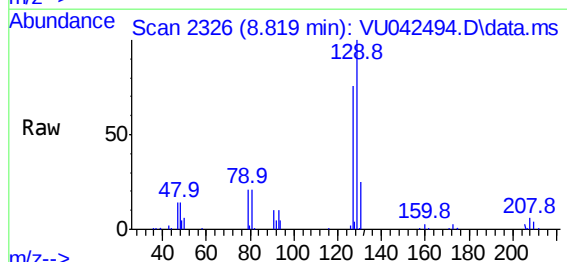
Ion	Ratio	Lower	Upper
43	100		
58	49.9	40.6	61.0
57	17.2	14.9	22.3
100	9.2	8.6	12.8

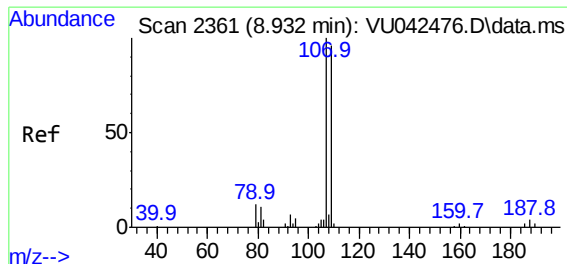


#49
Dibromochloromethane
Concen: 5.04 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion: 129 Resp: 36858

Ion	Ratio	Lower	Upper
129	100		
127	75.9	52.3	97.1

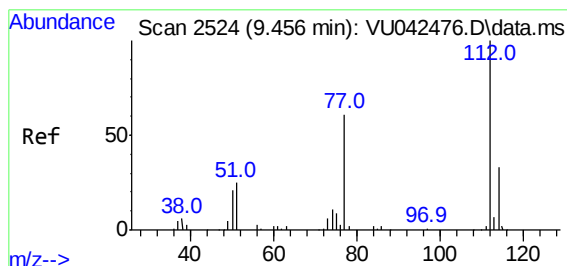
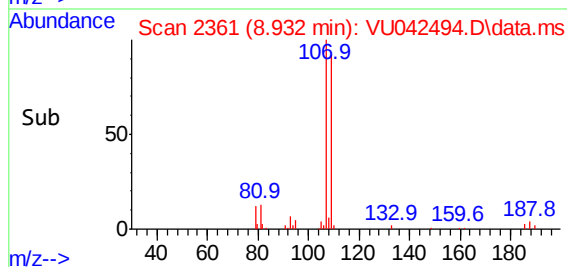
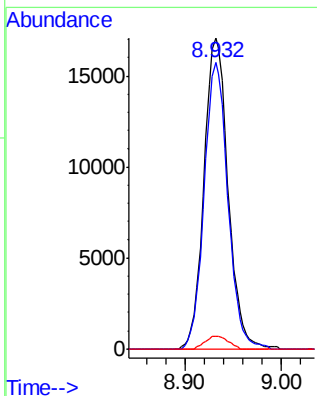
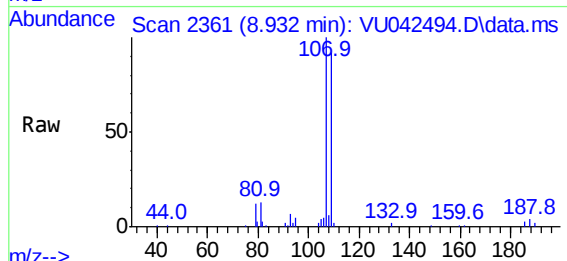




#50
1,2-Dibromoethane
Concen: 5.12 ug/L
RT: 8.932 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

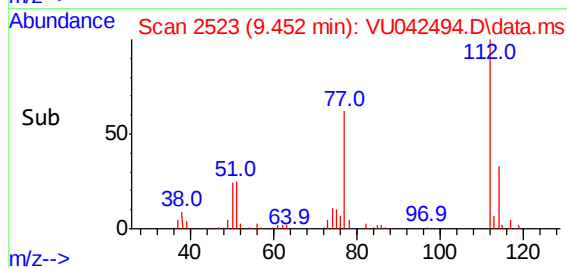
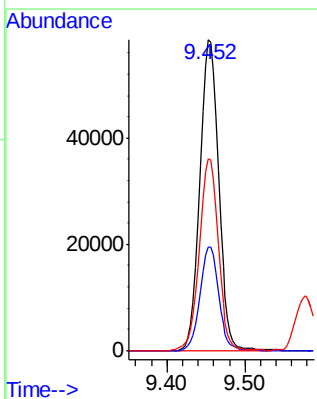
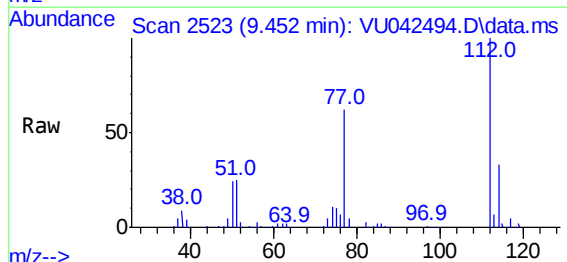
Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

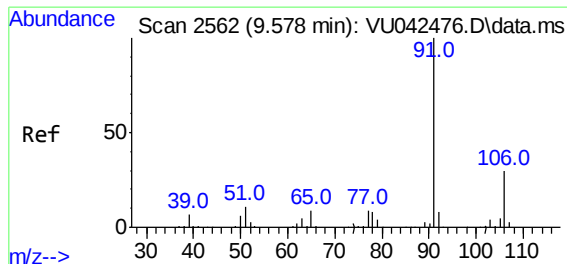
Tgt Ion:107 Resp: 29483
Ion Ratio Lower Upper
107 100
109 92.1 65.5 121.6
188 4.1 3.4 5.2



#51
Chlorobenzene
Concen: 4.76 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion:112 Resp: 97339
Ion Ratio Lower Upper
112 100
114 33.3 22.0 41.0
77 61.8 49.8 74.6

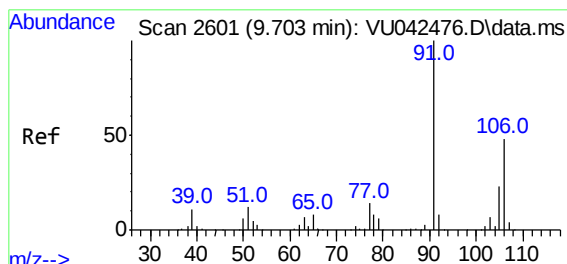
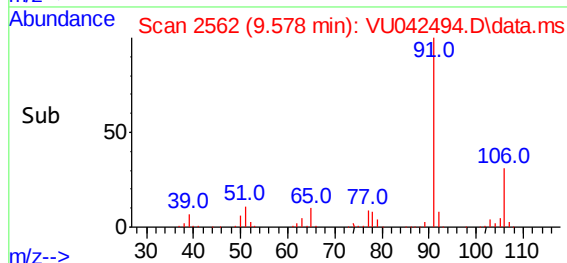
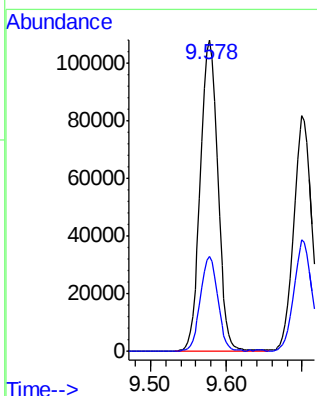
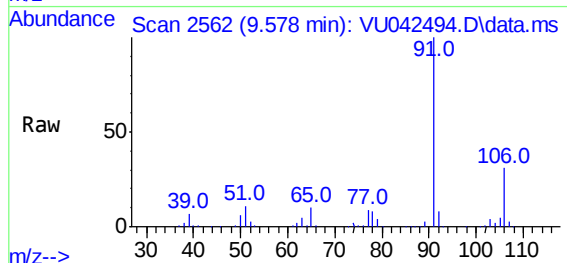




#52
Ethylbenzene
Concen: 4.75 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

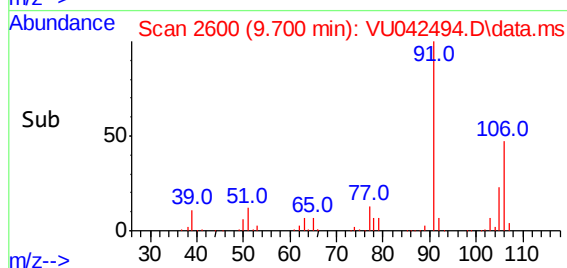
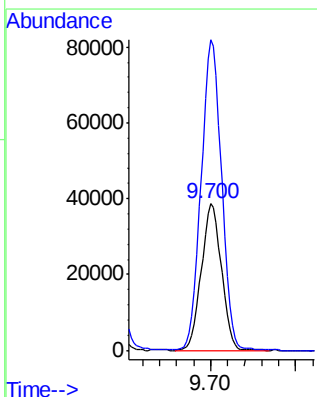
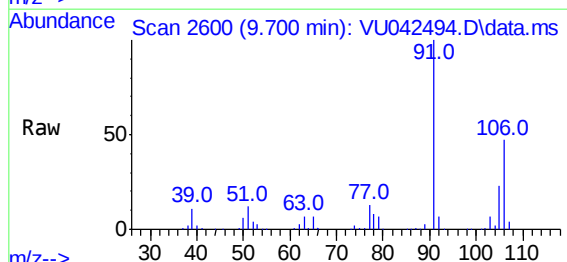
Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

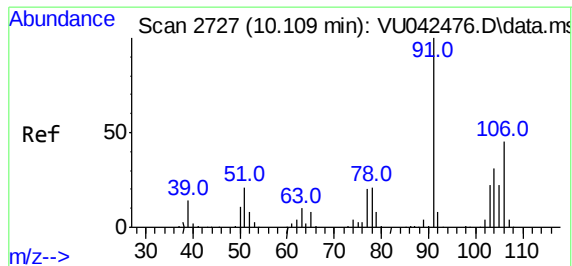
Tgt Ion: 91 Resp: 171227
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.3



#53
m,p-Xylene
Concen: 4.78 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion: 106 Resp: 63758
Ion Ratio Lower Upper
106 100
91 212.4 145.1 269.5

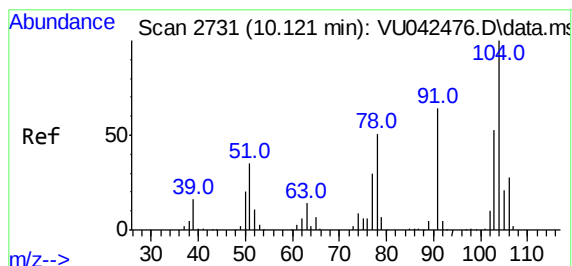
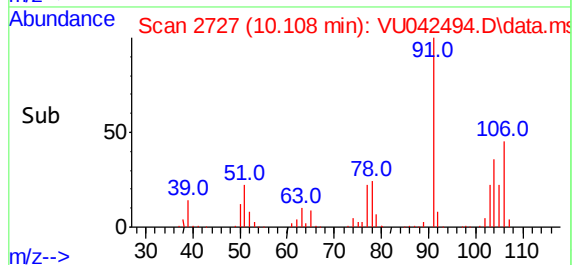
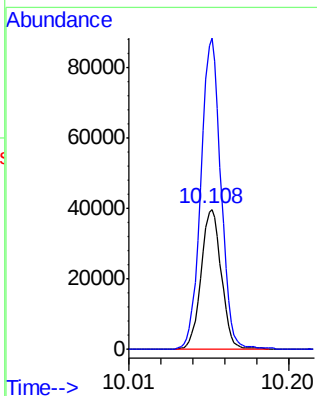
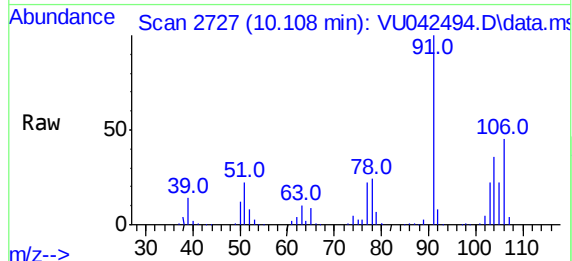




#54
o-Xylene
Concen: 4.86 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

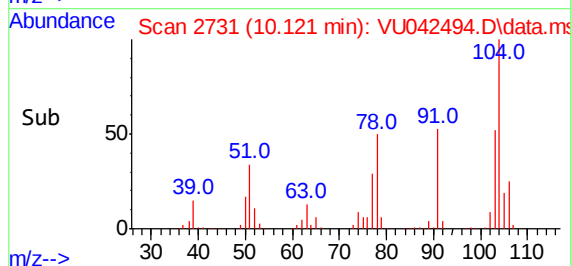
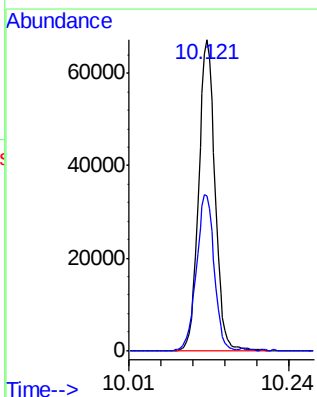
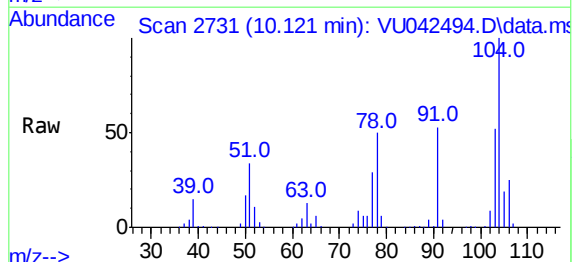
Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

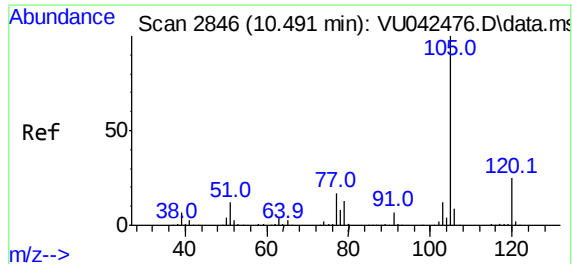
Tgt Ion:106 Resp: 62812
Ion Ratio Lower Upper
106 100
91 222.8 153.0 284.2



#55
Styrene
Concen: 4.88 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion:104 Resp: 107168
Ion Ratio Lower Upper
104 100
78 49.7 34.9 64.7

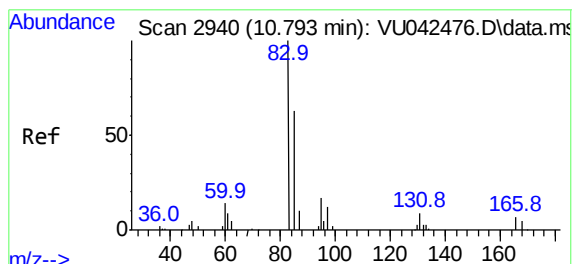
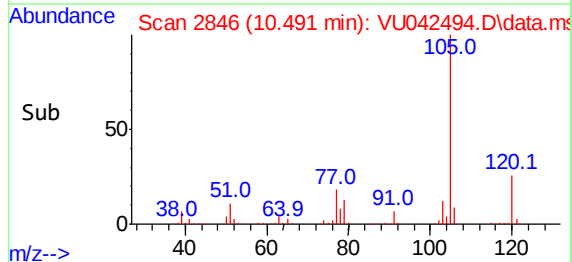
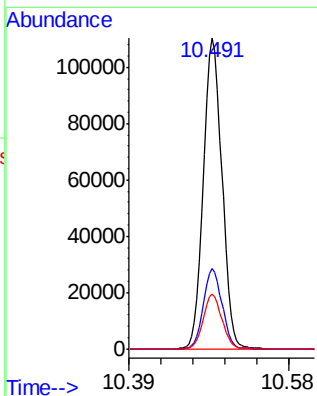
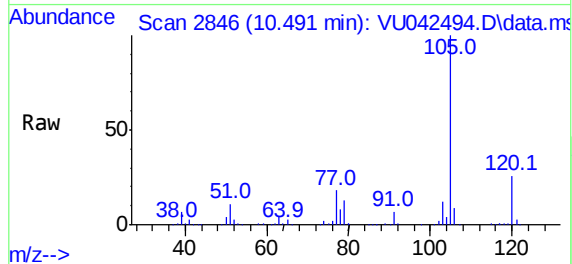




#56
Isopropylbenzene
Concen: 4.87 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

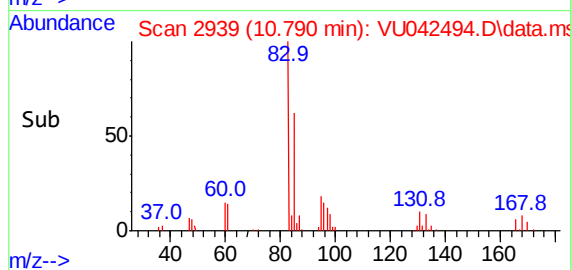
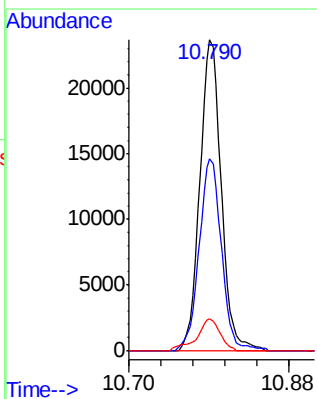
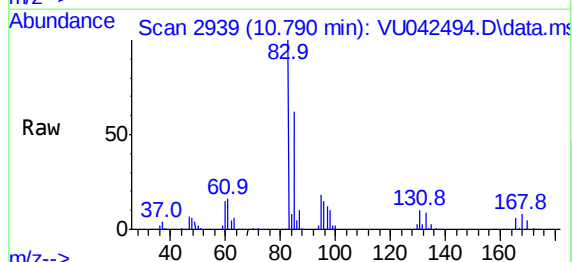
Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

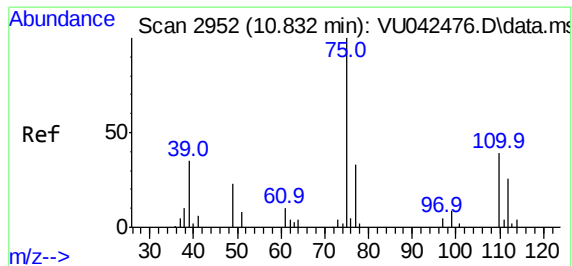
Tgt Ion:105 Resp: 172735
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 17.5 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 4.93 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.003 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion: 83 Resp: 38569
Ion Ratio Lower Upper
83 100
85 61.9 44.4 82.4
131 10.2 8.6 12.8

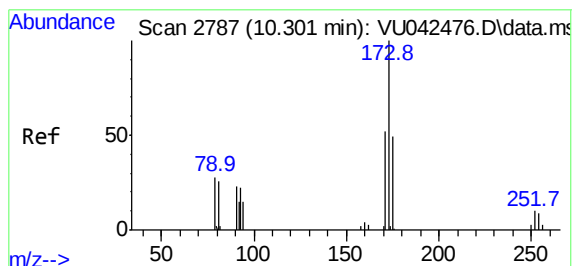
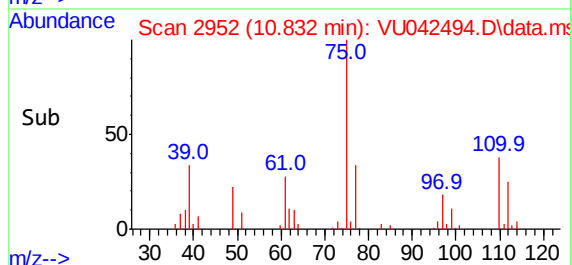
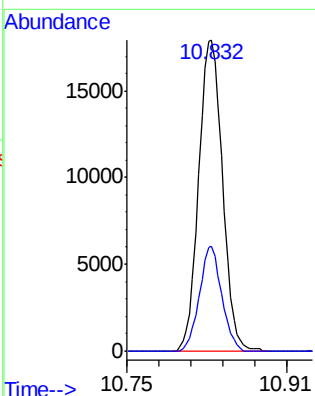
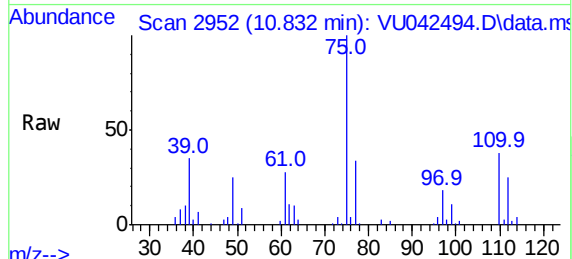




#59
1,2,3-Trichloropropane
Concen: 4.98 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

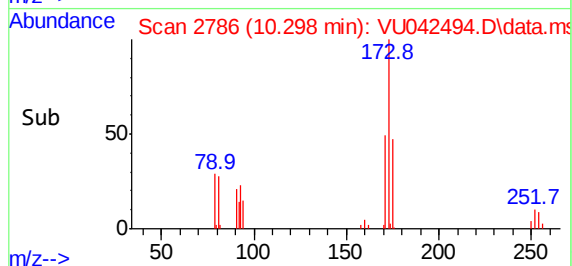
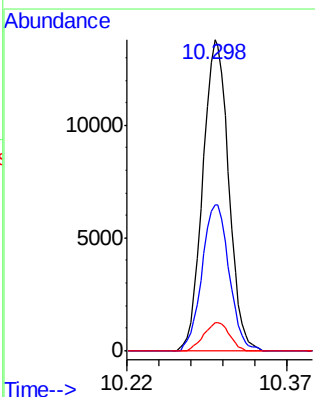
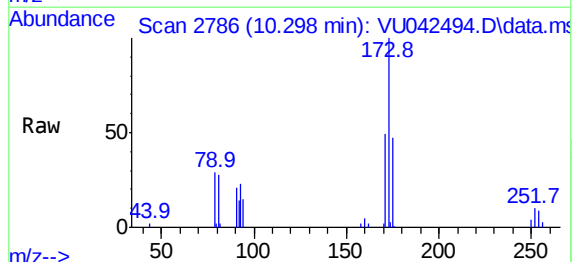
Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

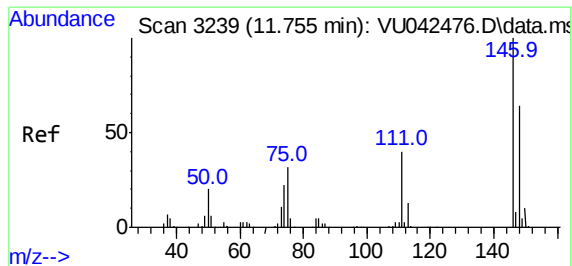
Tgt Ion: 75 Resp: 29613
Ion Ratio Lower Upper
75 100
77 31.4 26.0 39.0



#61
Bromoform
Concen: 5.01 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion:173 Resp: 22937
Ion Ratio Lower Upper
173 100
175 49.1 38.7 58.1
254 8.8 7.9 11.9

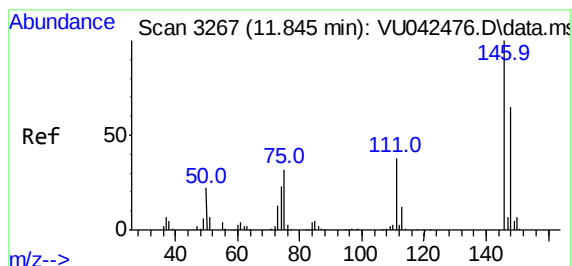
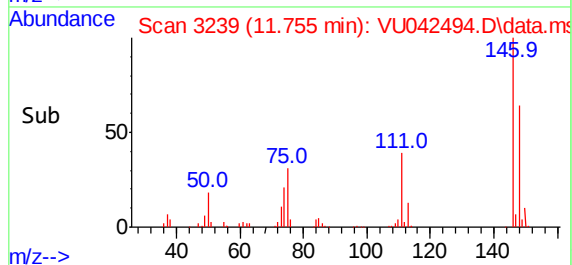
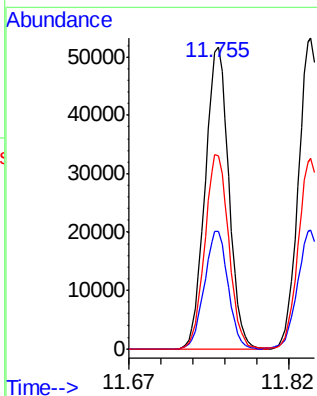
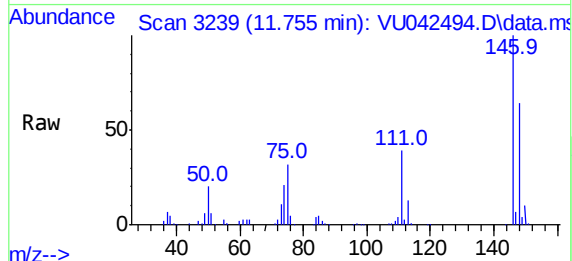




#62
1,3-Dichlorobenzene
Concen: 4.70 ug/L
RT: 11.755 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

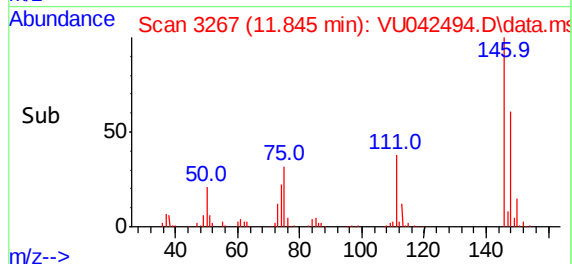
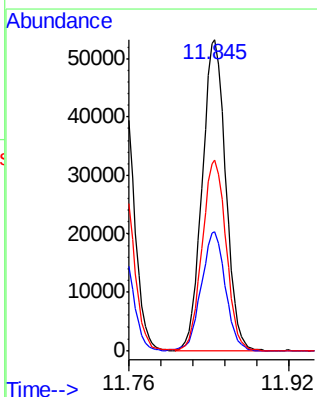
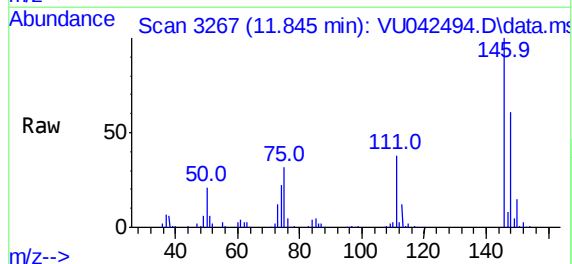
Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

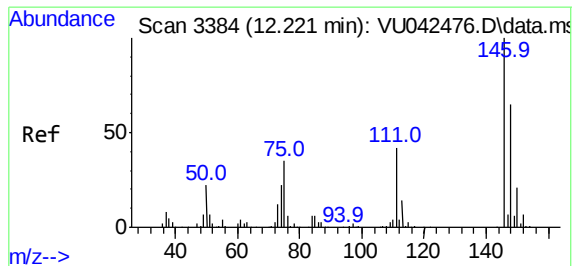
Tgt Ion:146 Resp: 82238
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.4
148 63.9 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 4.81 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion:146 Resp: 83919
Ion Ratio Lower Upper
146 100
111 38.2 25.8 47.8
148 61.2 44.1 81.9

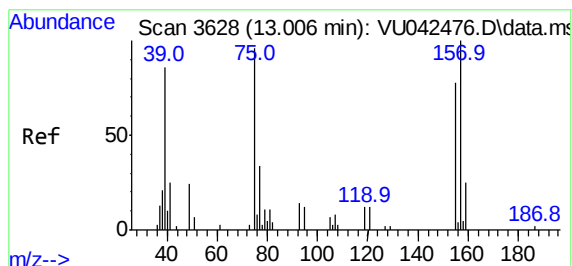
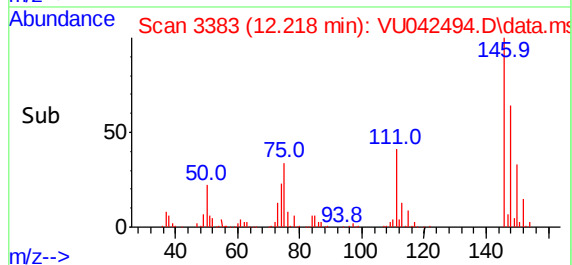
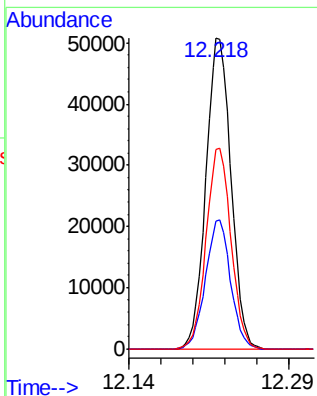
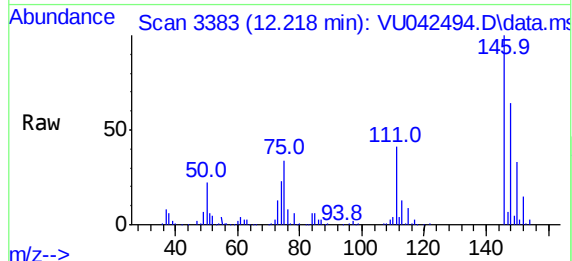




#65
1,2-Dichlorobenzene
Concen: 4.86 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

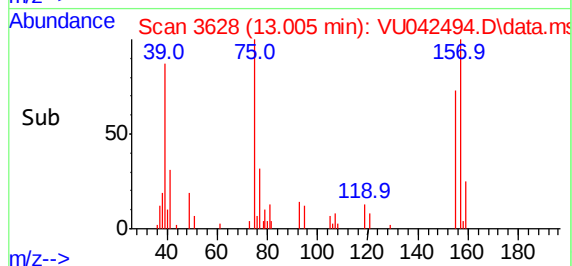
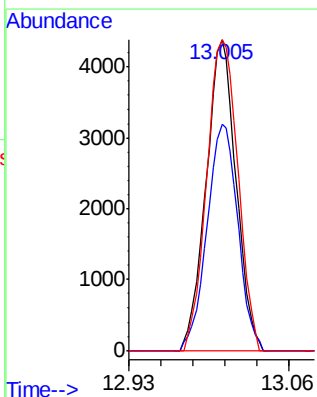
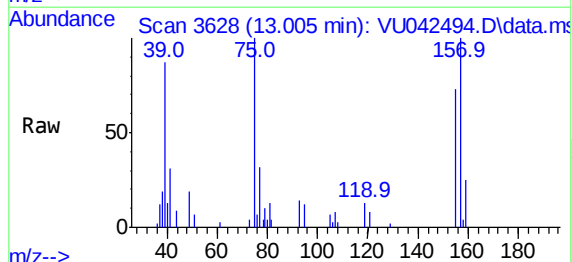
Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

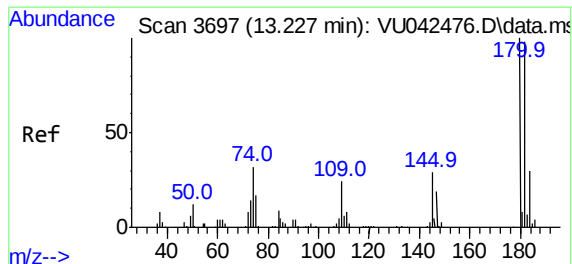
Tgt Ion:146 Resp: 81794
Ion Ratio Lower Upper
146 100
111 41.3 32.7 49.1
148 64.2 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 4.89 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion: 75 Resp: 6926
Ion Ratio Lower Upper
75 100
155 73.0 69.0 103.6
157 100.2 91.0 136.6



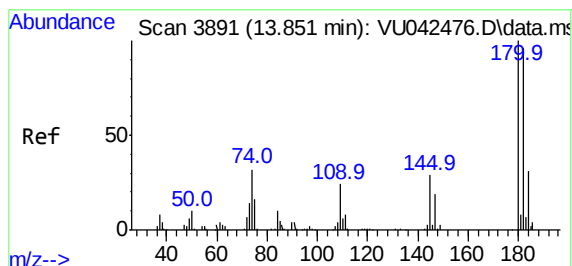
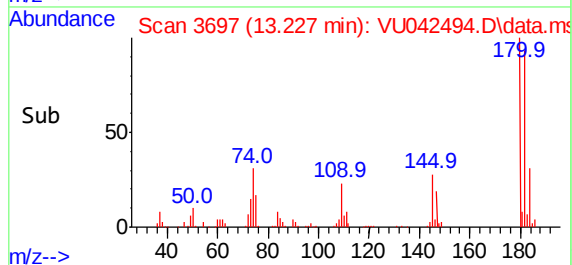
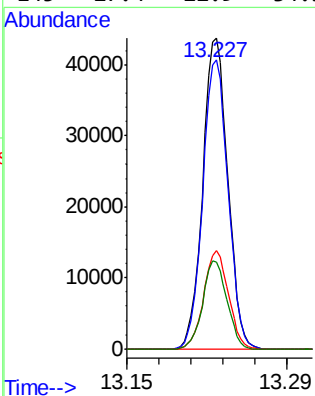
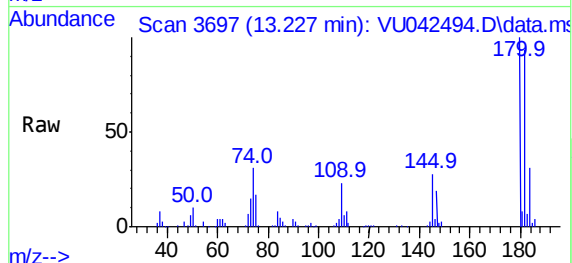


#67
 1,3,5-Trichlorobenzene
 Concen: 4.50 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. -0.000 min
 Lab File: VU042494.D
 Acq: 04 Mar 2021 19:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00517

Tgt Ion:180 Resp: 68188

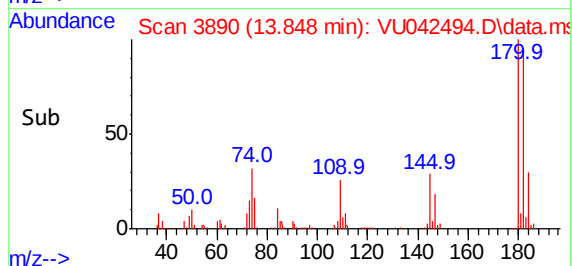
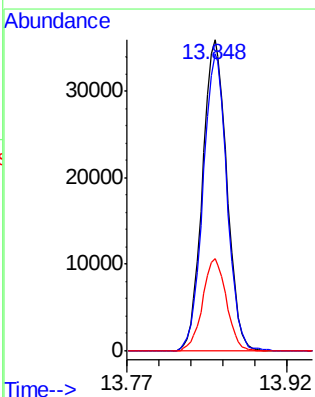
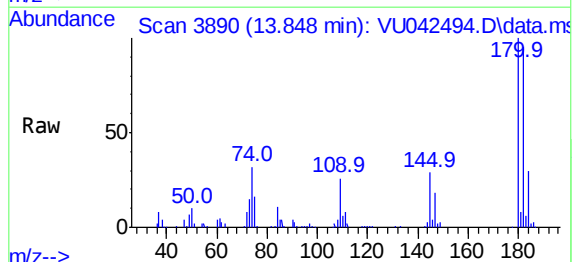
Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.4	114.6
184	31.2	23.9	35.9
145	27.4	22.9	34.3

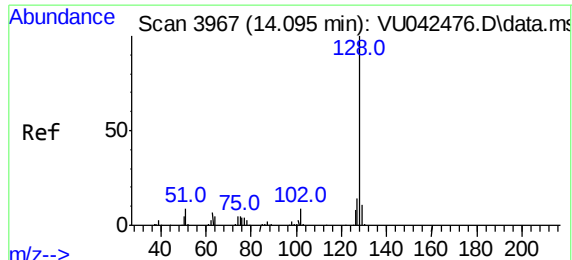


#68
 1,2,4-trichlorobenzene
 Concen: 4.46 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. -0.003 min
 Lab File: VU042494.D
 Acq: 04 Mar 2021 19:00

Tgt Ion:180 Resp: 56009

Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.3	114.5
145	28.8	23.7	35.5

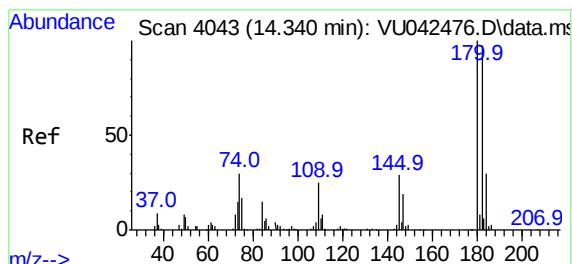
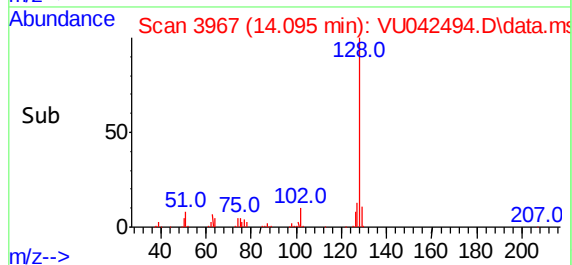
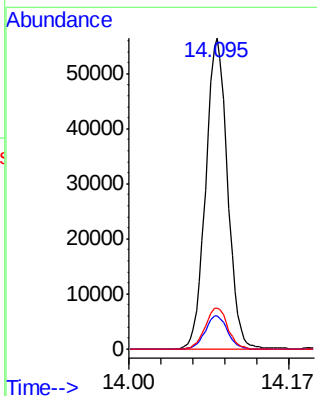
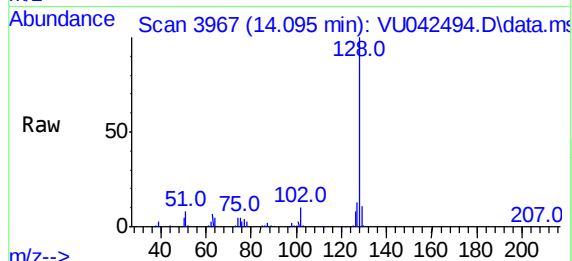




#69
Naphthalene
Concen: 4.50 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD00517

Tgt Ion:128 Resp: 91852
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.4 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 4.57 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU042494.D
Acq: 04 Mar 2021 19:00

Tgt Ion:180 Resp: 52068
Ion Ratio Lower Upper
180 100
182 96.7 75.6 113.4
145 29.6 24.7 37.1

