

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042125.D
 Acq On : 20 Jan 2021 23:33
 Operator : SY/MD
 Sample : L1180-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E23

Quant Time: Jan 21 06:03:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 06:00:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110610	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	102813	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	53799	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33365	4.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	93.60%		
7) Chloroethane-d5	1.919	69	27677	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	96.40%		
11) 1,1-Dichloroethene-d2	2.572	63	57356	3.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	73.00%		
20) 2-Butanone-d5	4.645	46	134565	51.68	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	103.36%		
24) Chloroform-d	5.073	84	71921	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.60%		
26) 1,2-Dichloroethane-d4	5.713	65	44495	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	99.80%		
32) Benzene-d6	5.735	84	134540	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	100.20%		
36) 1,2-Dichloropropane-d6	6.700	67	44665	5.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	103.20%		
41) Toluene-d8	7.906	98	122588	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.60%		
43) trans-1,3-Dichloroprop...	8.189	79	21383	4.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	97.40%		
46) 2-Hexanone-d5	8.645	63	101070	52.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	105.76%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	37728	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	101.60%		
64) 1,2-Dichlorobenzene-d4	12.201	152	49149	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	101.80%		
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	1286	0.14	ug/L	97
5) Vinyl chloride	1.607	62	1712	0.19	ug/L #	71
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	359	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	599	0.08	ug/L #	1
13) Acetone	2.662	43	5058	2.92	ug/L	65
15) Methyl Acetate	2.967	43	482	0.12	ug/L #	55
18) trans-1,2-Dichloroethene	3.363	96	2101	0.26	ug/L	93
22) cis-1,2-Dichloroethene	4.674	96	430374	50.60	ug/L	100
27) 1,2-Dichloroethane	5.739	62	867	0.08	ug/L #	75
34) Trichloroethene	6.549	95	49980	6.13	ug/L	98
35) Methylcyclohexane	6.700	83	10609	0.78	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	4999	0.63	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1386	0.11	ug/L #	53
42) Toluene	7.973	91	1502	0.05	ug/L	96
44) trans-1,3-Dichloropropene	8.185	75	850	0.07	ug/L #	47
47) Tetrachloroethene	8.562	164	29411	4.34	ug/L	96
48) 2-Hexanone	8.645	43	14168	2.99	ug/L #	68
49) Dibromochloromethane	8.558	129	25820	3.29	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	6041	1.07	ug/L	92

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 21 06:00:33 2021
Response via : Initial Calibration

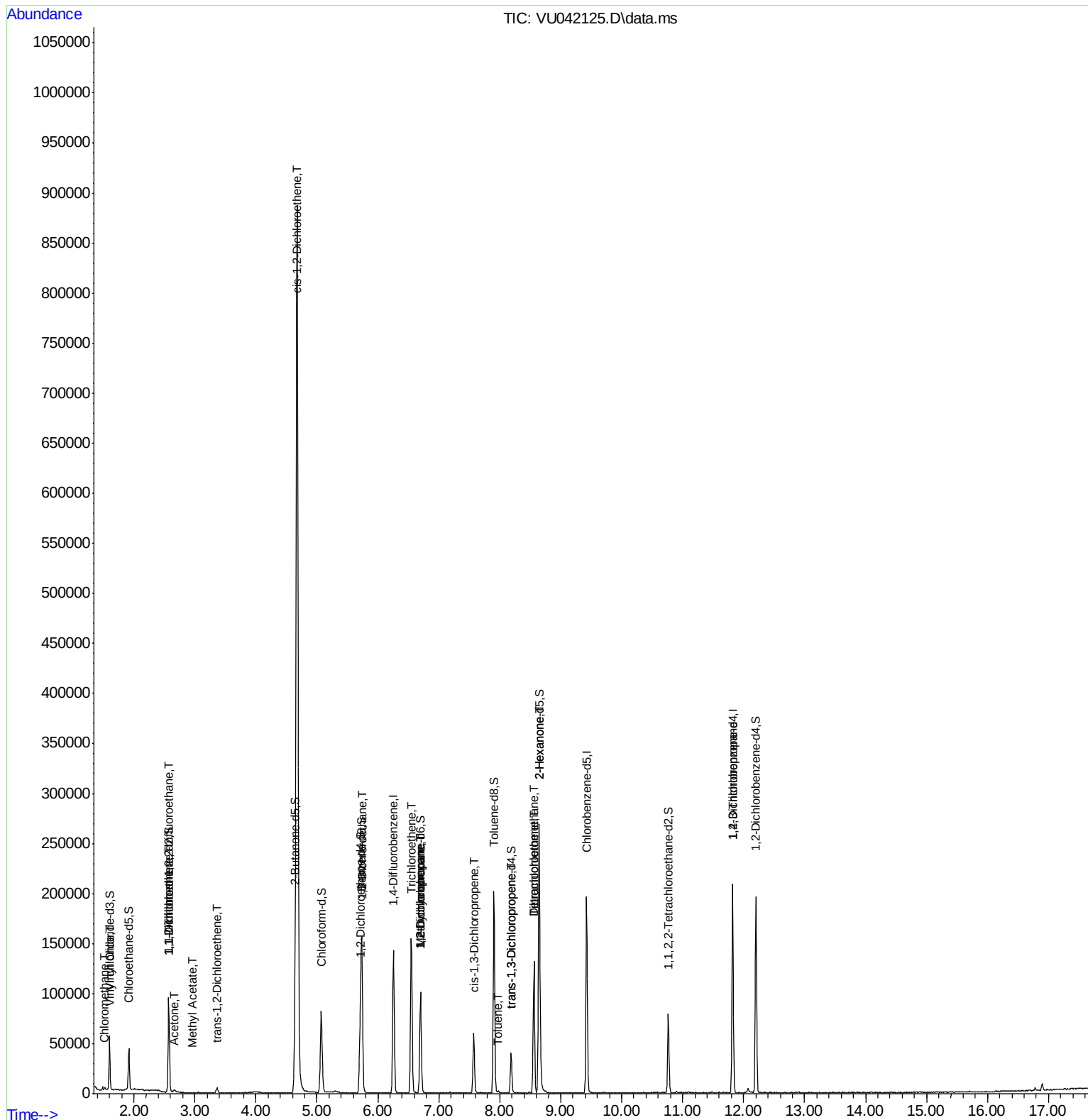
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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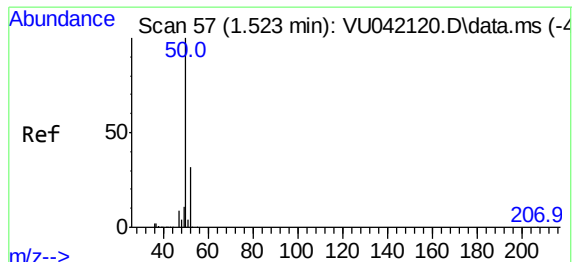
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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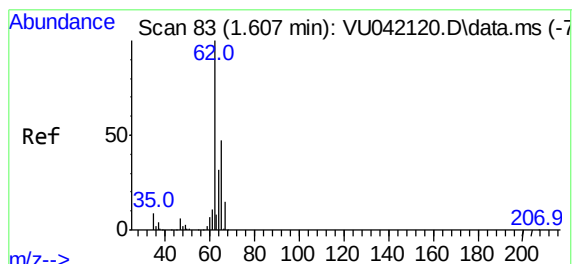
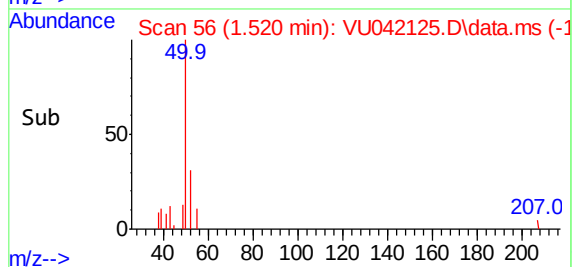
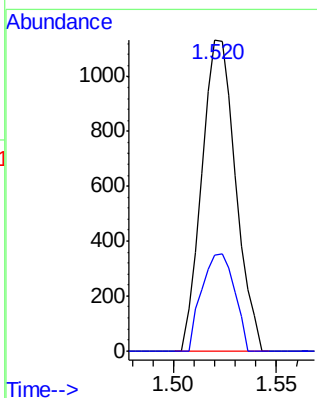
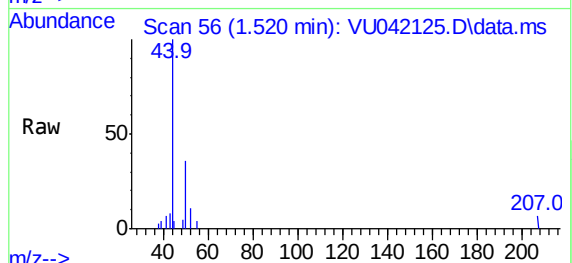




#3
Chloromethane
Concen: 0.14 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

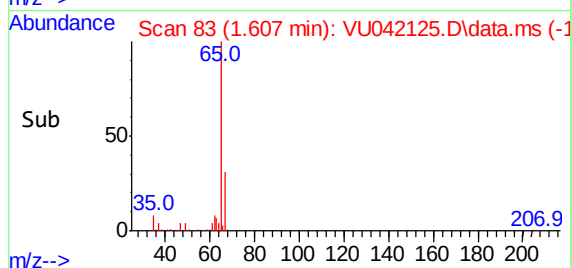
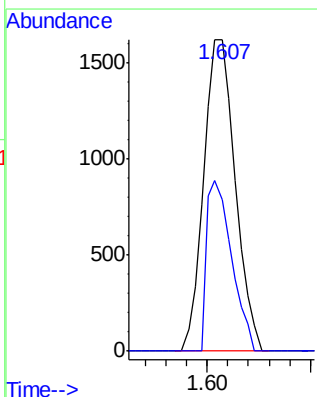
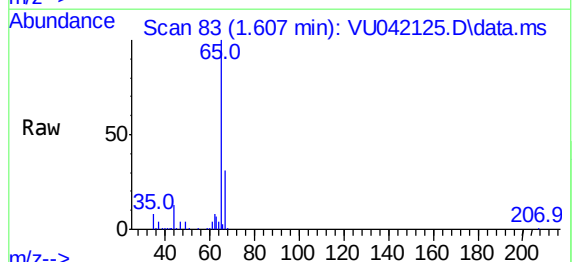
Instrument :
MSVOA_U
ClientSampleId :
F1E23

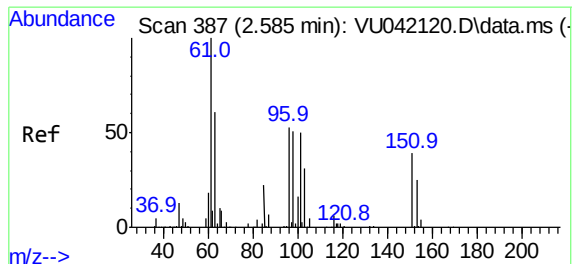
Tgt Ion: 50 Resp: 1286
Ion Ratio Lower Upper
50 100
52 31.0 23.0 42.8



#5
Vinyl chloride
Concen: 0.19 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

Tgt Ion: 62 Resp: 1712
Ion Ratio Lower Upper
62 100
64 48.5 22.7 42.1#

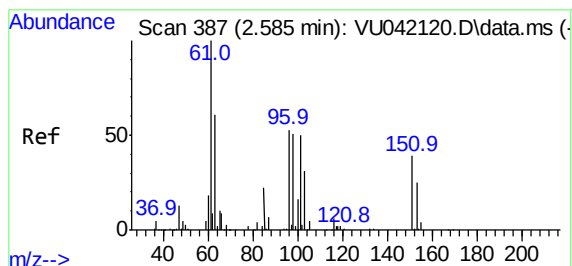
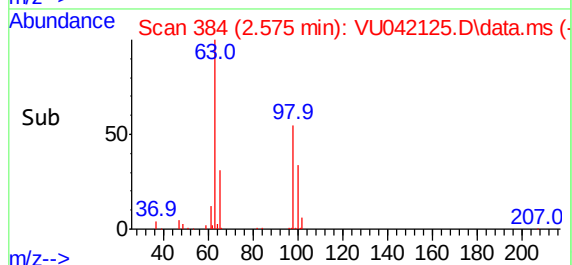
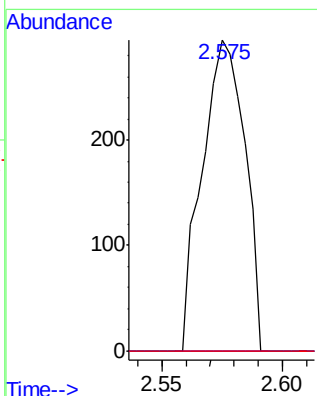
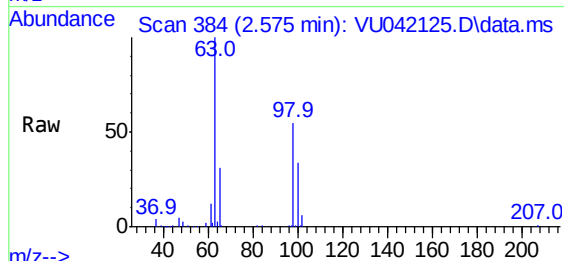




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU042125.D
 Acq: 20 Jan 2021 23:33

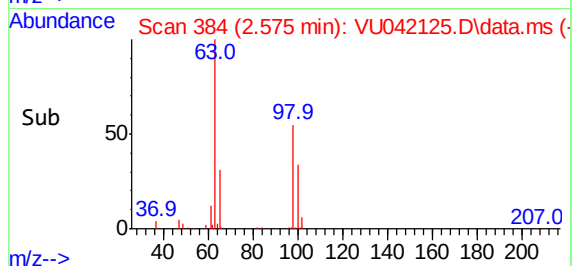
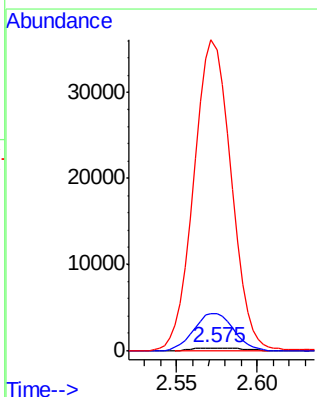
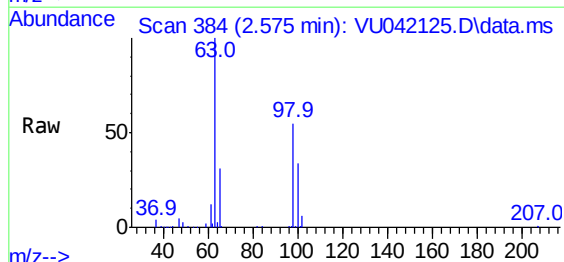
Instrument :
 MSVOA_U
 ClientSampleId :
 F1E23

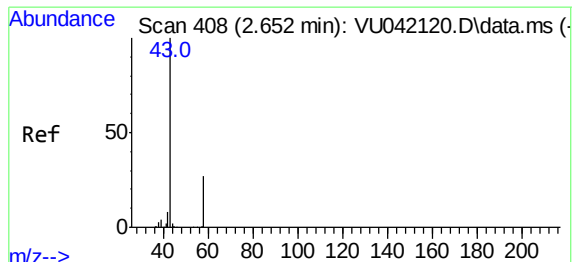
Tgt Ion:101 Resp: 359
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#12
 1,1-Dichloroethene
 Concen: 0.08 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU042125.D
 Acq: 20 Jan 2021 23:33

Tgt Ion: 96 Resp: 599
 Ion Ratio Lower Upper
 96 100
 61 1313.7 126.2 234.4#
 63 10837.3 77.8 144.4#

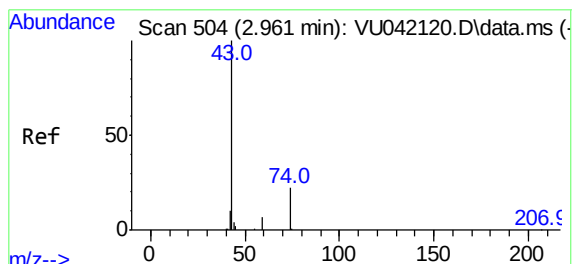
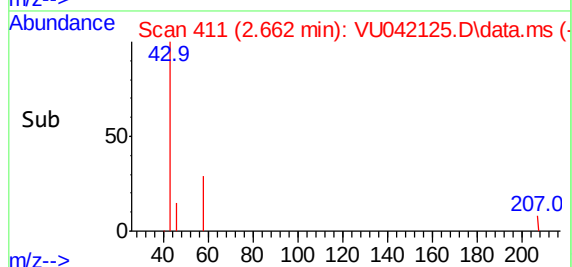
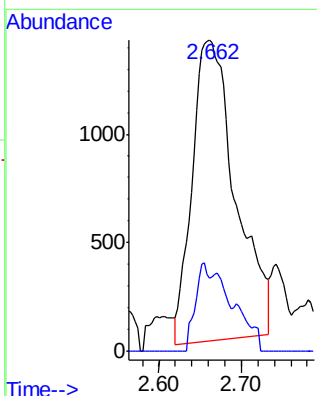
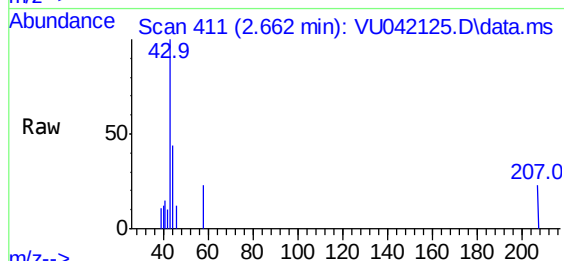




#13
Acetone
Concen: 2.92 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.010 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

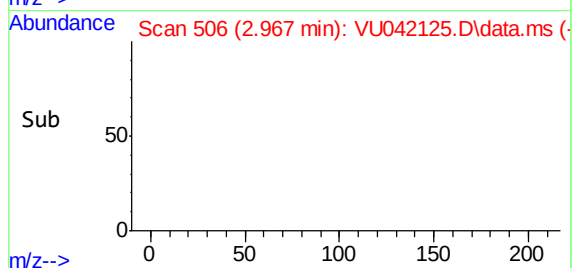
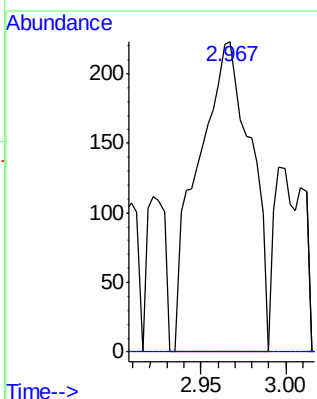
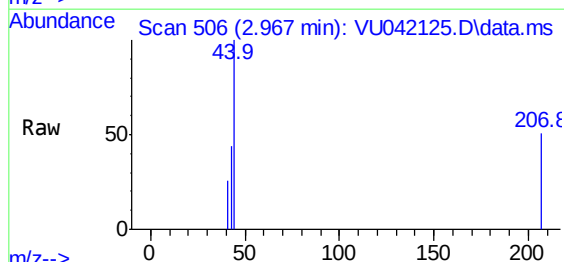
Instrument :
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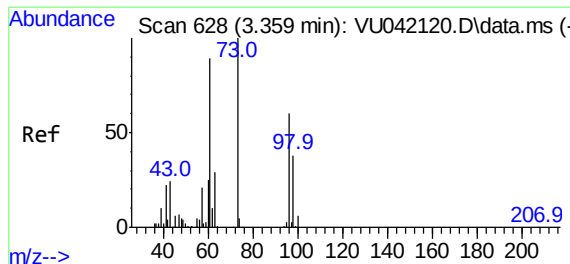
Tgt Ion: 43 Resp: 5058
Ion Ratio Lower Upper
43 100
58 9.6 0.0 55.8



#15
Methyl Acetate
Concen: 0.12 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.006 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

Tgt Ion: 43 Resp: 482
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#

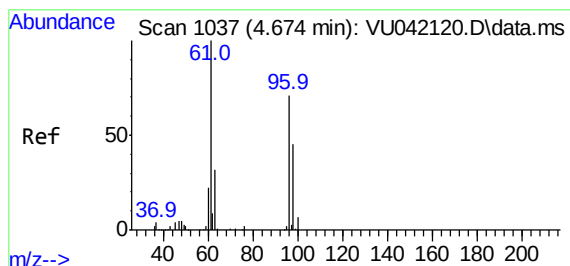
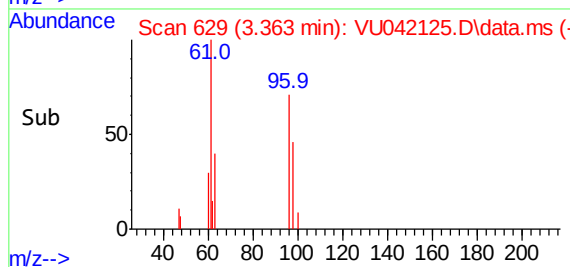
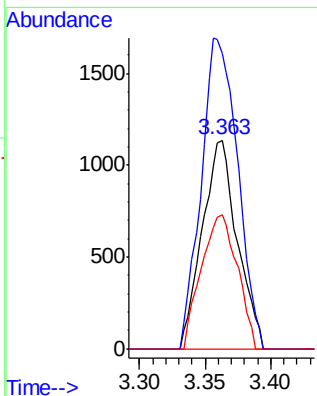
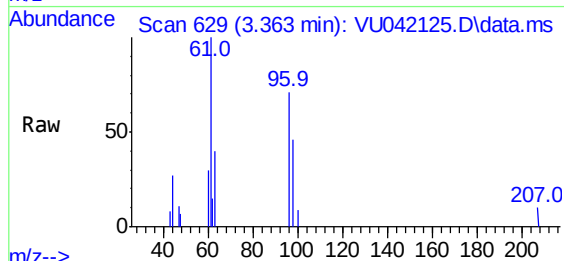




#18
trans-1,2-Dichloroethene
Concen: 0.26 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

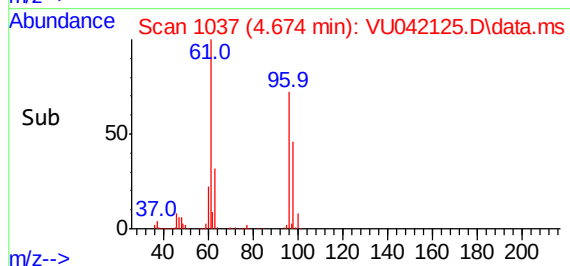
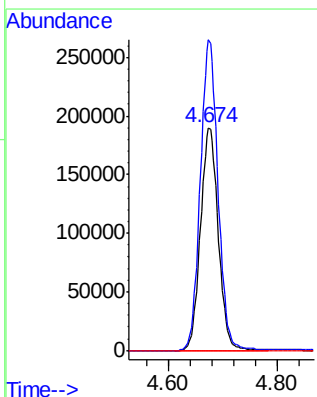
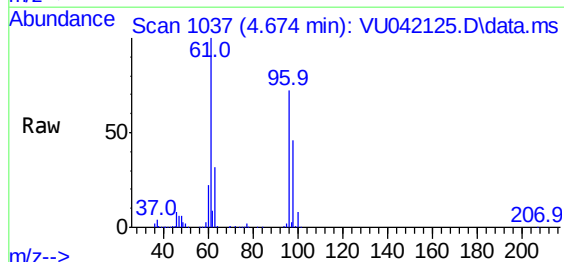
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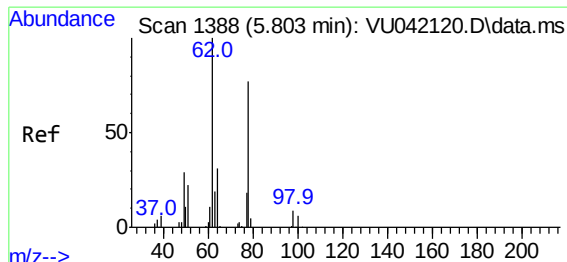
Tgt Ion: 96 Resp: 2101
Ion Ratio Lower Upper
96 100
61 141.5 105.7 196.3
98 64.6 42.8 79.6



#22
cis-1,2-Dichloroethene
Concen: 50.60 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

Tgt Ion: 96 Resp: 430374
Ion Ratio Lower Upper
96 100
61 139.6 97.8 181.6
68 0.0 0.0 0.0

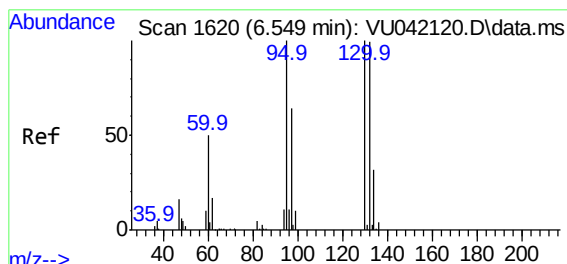
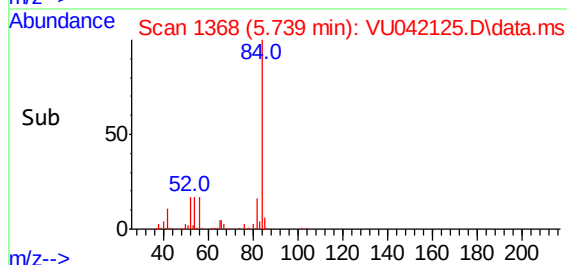
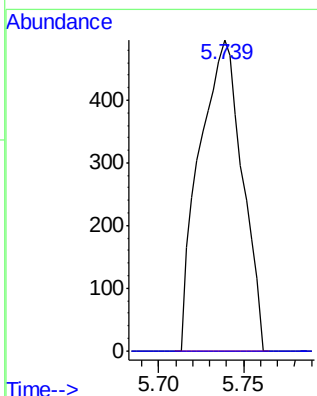
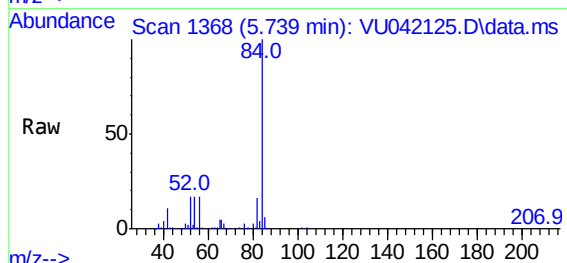




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

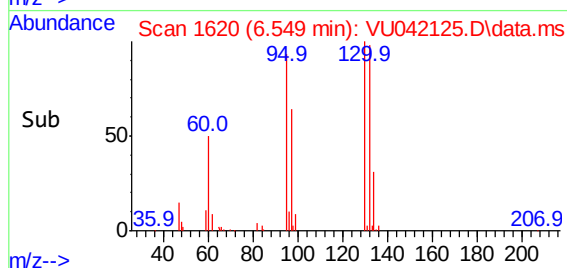
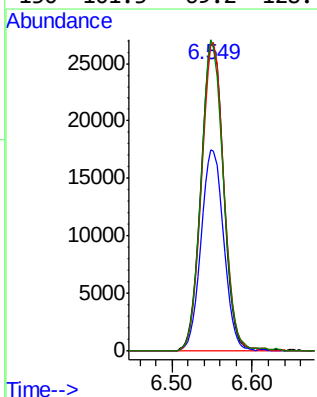
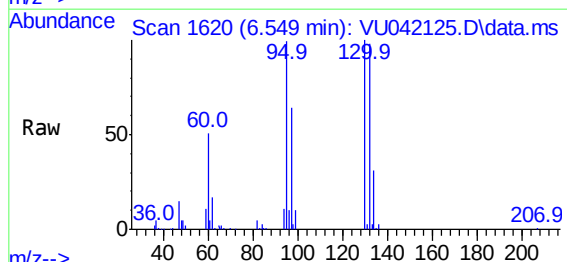
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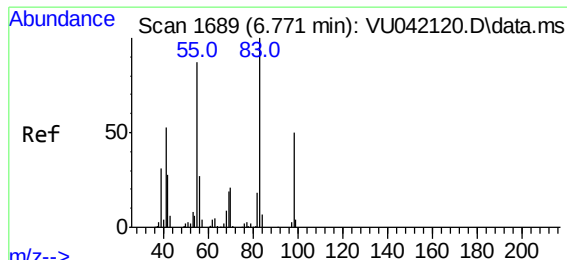
Tgt Ion: 62 Resp: 867
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#34
Trichloroethene
Concen: 6.13 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
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Tgt Ion: 95 Resp: 49980
Ion Ratio Lower Upper
95 100
97 65.3 44.4 82.4
132 99.6 68.0 126.4
130 101.3 69.2 128.4

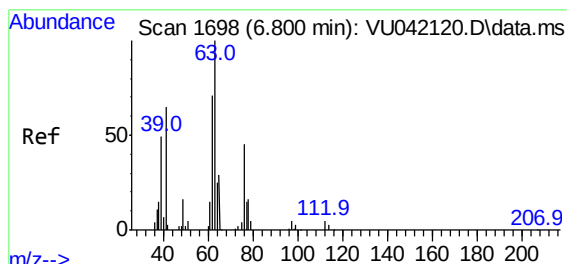
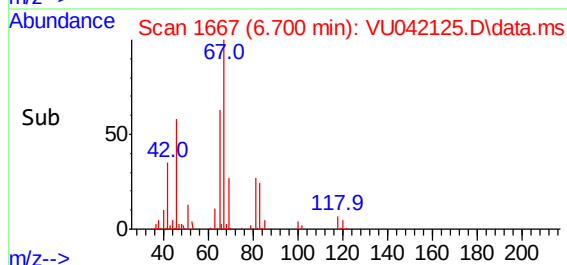
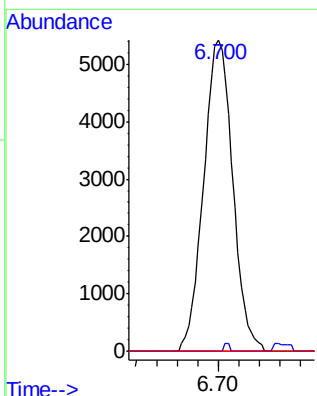
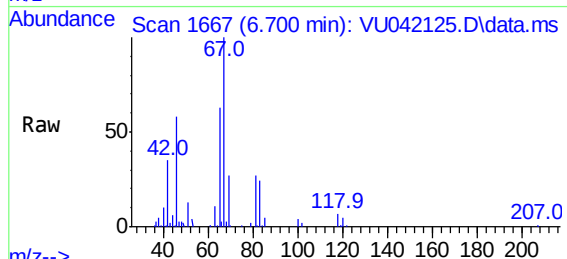




#35
Methylcyclohexane
Concen: 0.78 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

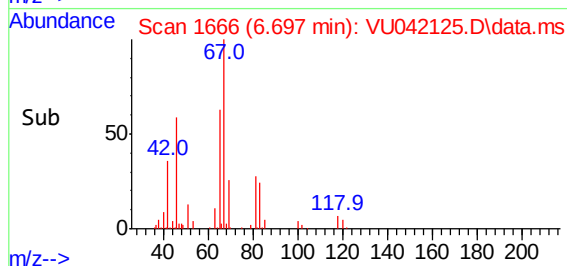
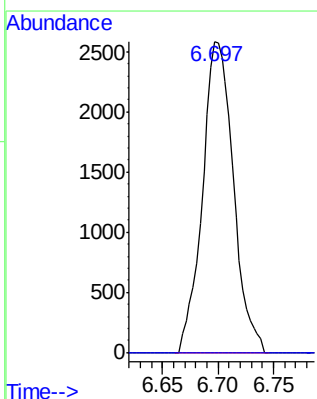
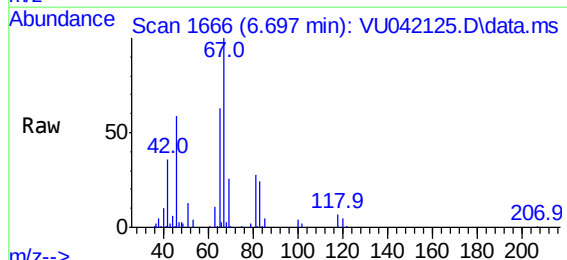
Instrument :
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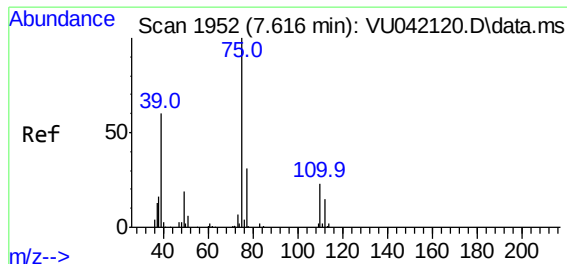
Tgt Ion: 83 Resp: 10609
Ion Ratio Lower Upper
83 100
55 0.4 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

Tgt Ion: 63 Resp: 4999
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

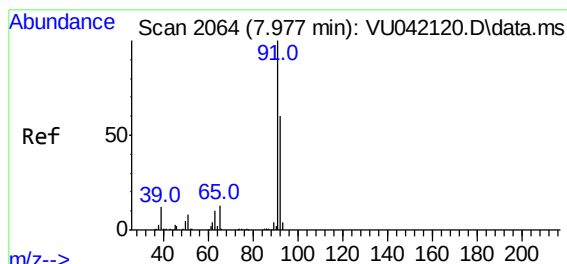
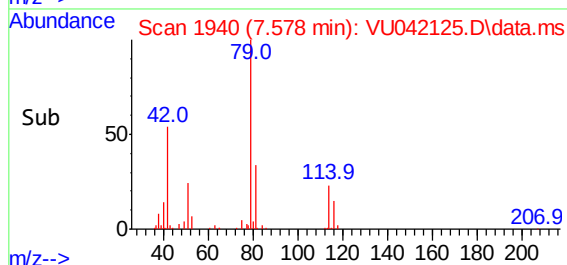
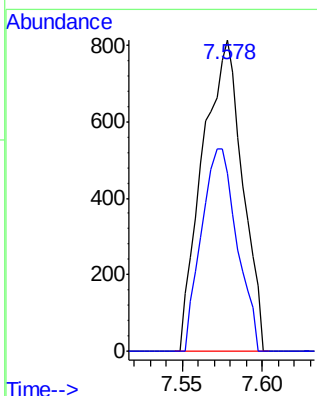
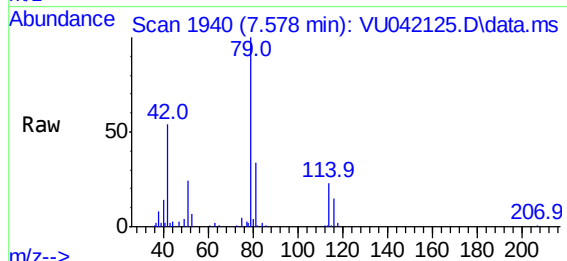




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

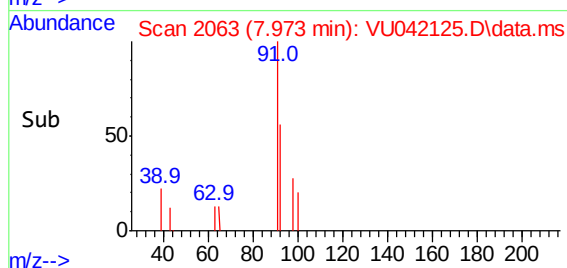
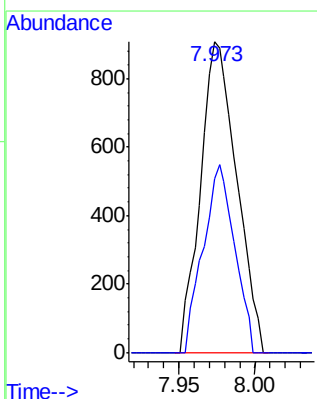
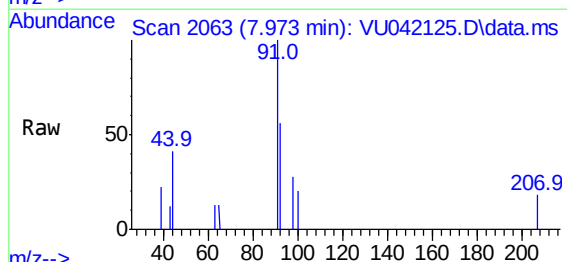
Instrument :
MSVOA_U
ClientSampleId :
F1E23

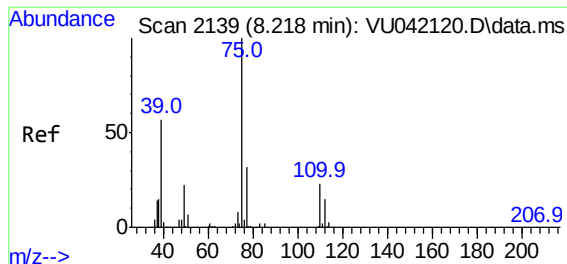
Tgt Ion: 75 Resp: 1386
Ion Ratio Lower Upper
75 100
77 57.2 22.0 40.8#



#42
Toluene
Concen: 0.05 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

Tgt Ion: 91 Resp: 1502
Ion Ratio Lower Upper
91 100
92 56.1 41.2 76.6

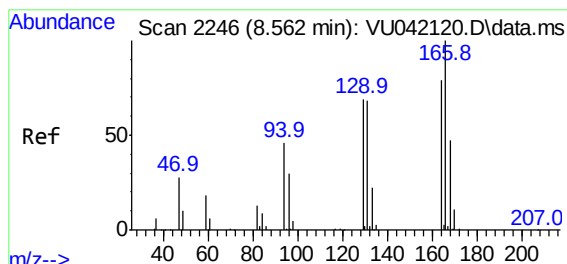
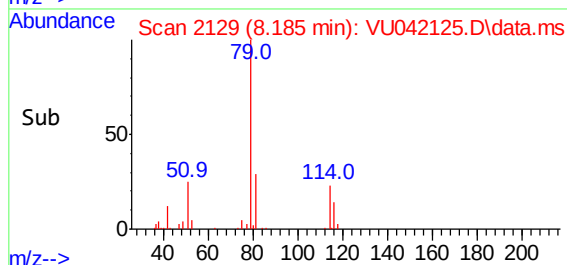
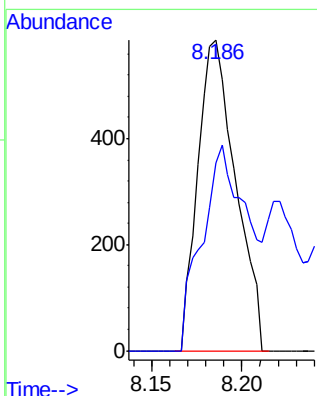
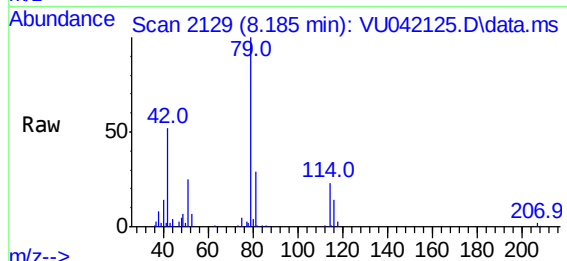




#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

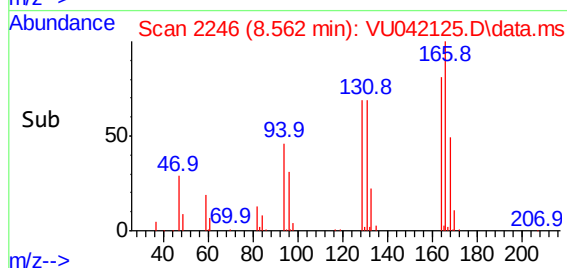
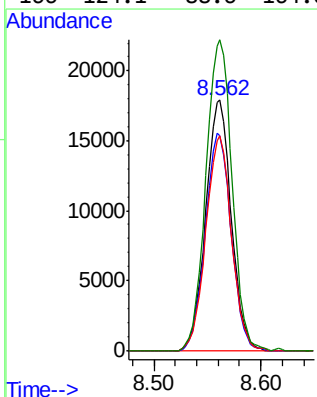
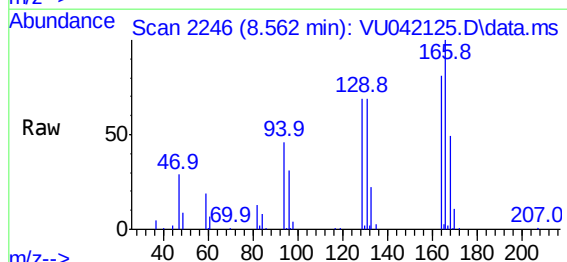
Instrument :
MSVOA_U
ClientSampleId :
F1E23

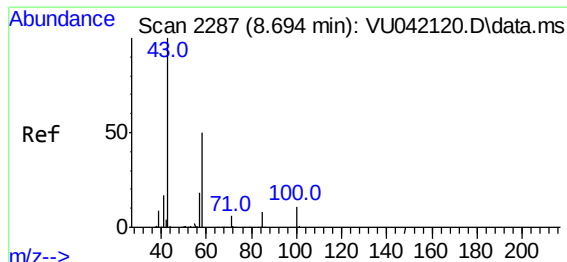
Tgt Ion: 75 Resp: 850
Ion Ratio Lower Upper
75 100
77 60.4 21.8 40.4#



#47
Tetrachloroethene
Concen: 4.34 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

Tgt Ion: 164 Resp: 29411
Ion Ratio Lower Upper
164 100
129 85.7 64.3 119.5
131 85.6 62.2 115.6
166 124.1 88.6 164.6

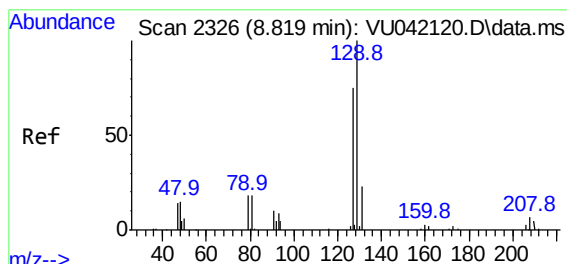
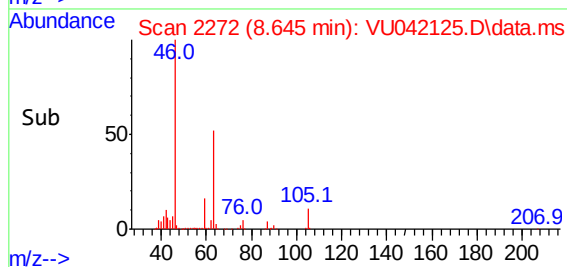
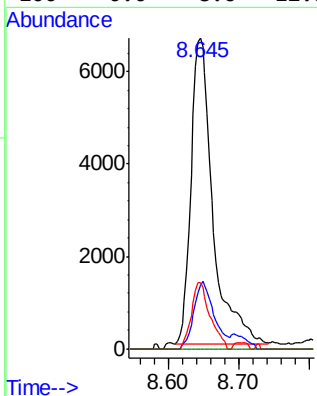
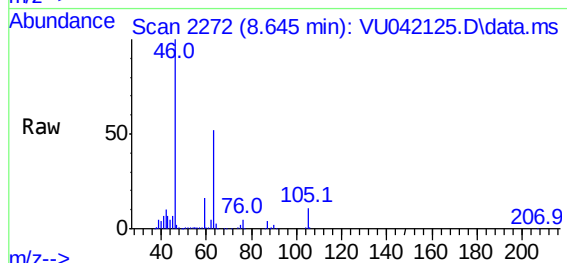




#48
2-Hexanone
Concen: 2.99 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

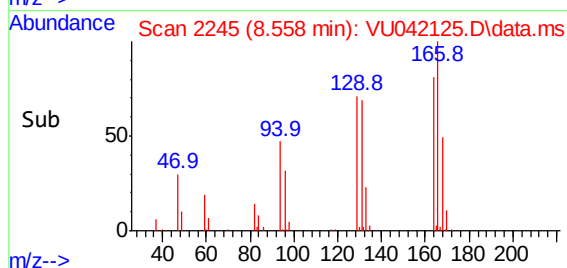
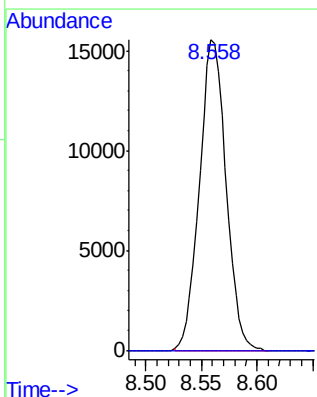
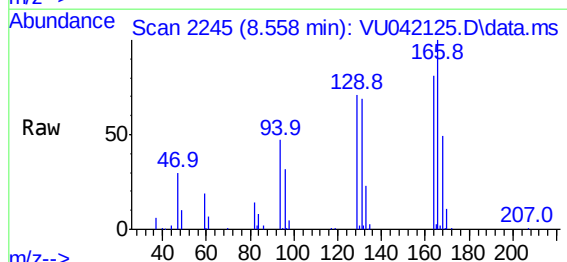
Instrument :
MSVOA_U
ClientSampleId :
F1E23

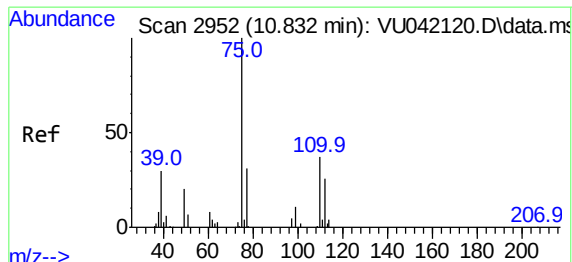
Tgt Ion: 43 Resp: 14168
Ion Ratio Lower Upper
43 100
58 20.5 40.6 61.0#
57 18.7 14.9 22.3
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 3.29 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU042125.D
Acq: 20 Jan 2021 23:33

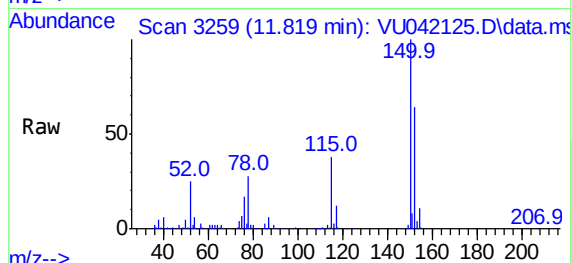
Tgt Ion: 129 Resp: 25820
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 1.07 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042125.D
 Acq: 20 Jan 2021 23:33

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E23



Tgt Ion: 75 Resp: 6041
 Ion Ratio Lower Upper
 75 100
 77 37.1 26.0 39.0

