

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020921\
 Data File : VU042300.D
 Acq On : 09 Feb 2021 16:30
 Operator : SY/MD
 Sample : M1351-01DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR5DL

Quant Time: Feb 10 02:31:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 10 02:29:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	101099	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	94901	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	48659	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30152	4.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.40%			
7) Chloroethane-d5	1.919	69	26746	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.80%			
11) 1,1-Dichloroethene-d2	2.575	63	55006	3.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.60%			
20) 2-Butanone-d5	4.652	46	139670	58.69	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.38%			
24) Chloroform-d	5.073	84	71783	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.40%			
26) 1,2-Dichloroethane-d4	5.713	65	45553	5.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.80%			
32) Benzene-d6	5.739	84	132829	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.20%			
36) 1,2-Dichloropropane-d6	6.700	67	45278	5.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.20%			
41) Toluene-d8	7.906	98	120109	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
43) trans-1,3-Dichloroprop...	8.189	79	18317	4.52	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.40%			
46) 2-Hexanone-d5	8.645	63	96625	54.77	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.54%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	36949	5.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.80%			
64) 1,2-Dichlorobenzene-d4	12.201	152	48540	5.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.00%			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	397	0.05	ug/L #	42
9) Trichlorofluoromethane	2.144	101	34775	3.15	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	393	0.06	ug/L #	18
16) Methylene chloride	3.051	84	1396	0.17	ug/L	98
21) 2-Butanone	4.822	43	18221	6.86	ug/L #	52
22) cis-1,2-Dichloroethene	4.681	96	1859	0.24	ug/L	94
25) Chloroform	5.105	83	1219	0.09	ug/L	92
27) 1,2-Dichloroethane	5.736	62	958	0.10	ug/L #	75
31) Carbon tetrachloride	5.527	117	676	0.06	ug/L	86
34) Trichloroethene	6.552	95	19401	2.58	ug/L	95
35) Methylcyclohexane	6.700	83	10541	0.83	ug/L #	15
37) 1,2-Dichloropropane	6.703	63	5204	0.71	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1484	0.12	ug/L	85
44) trans-1,3-Dichloropropene	8.186	75	762	0.07	ug/L #	58
47) Tetrachloroethene	8.562	164	52897	8.45	ug/L	95
48) 2-Hexanone	8.645	43	13647	3.12	ug/L #	68
49) Dibromochloromethane	8.562	129	51863	7.17	ug/L #	13
59) 1,2,3-Trichloropropane	11.819	75	5959	1.15	ug/L	95

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

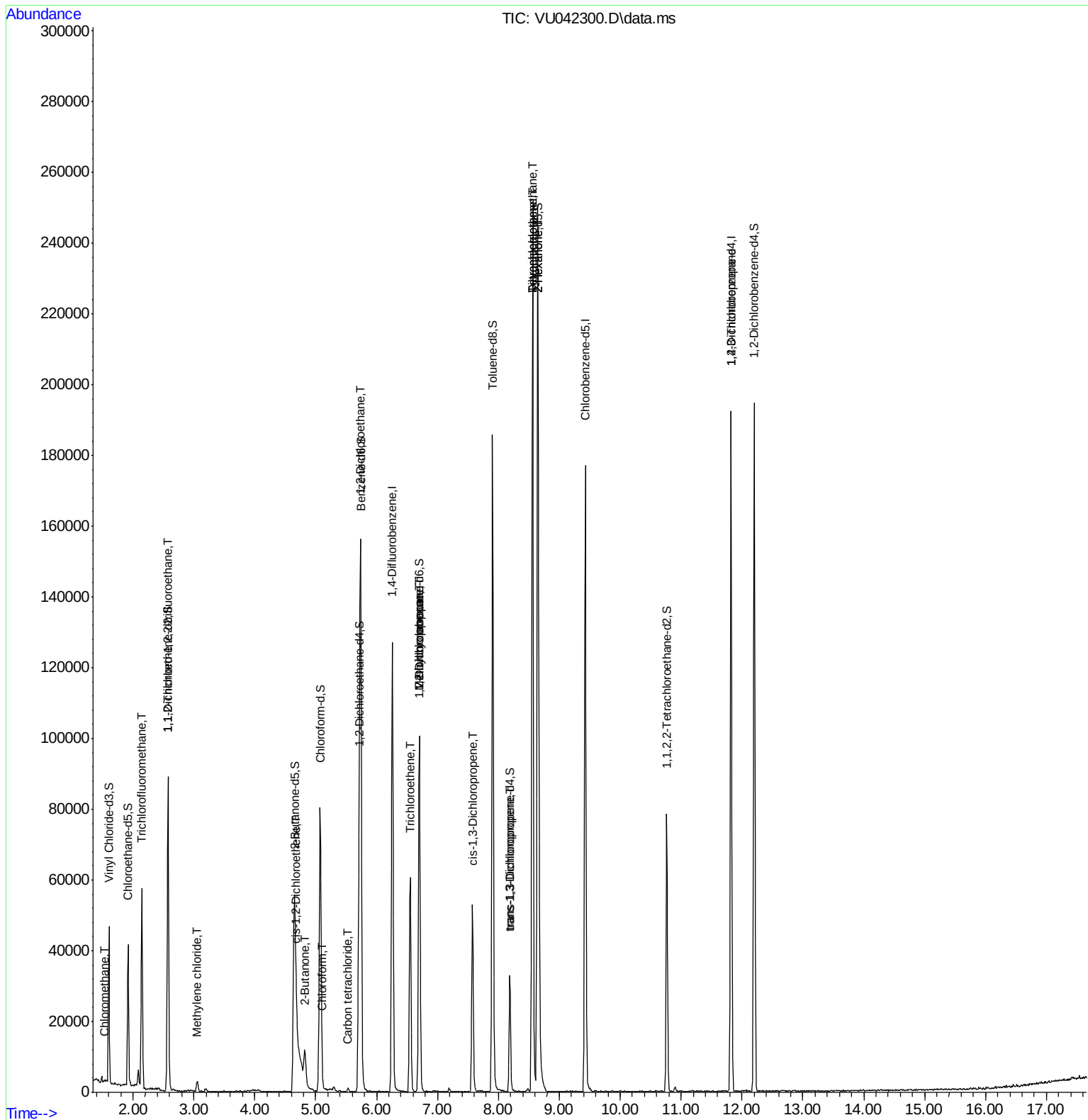
Instrument :
MSVOA_U
ClientSampleId :
C0AR5DL

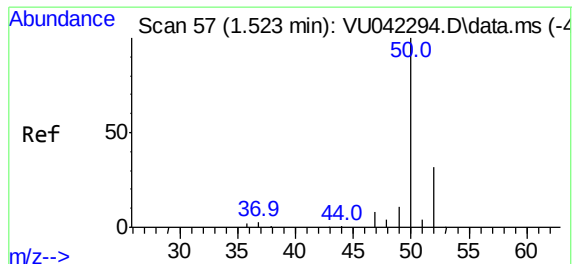
Quant Time: Feb 10 02:31:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 10 02:29:25 2021
Response via : Initial Calibration

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

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

Quant Time: Feb 10 02:31:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
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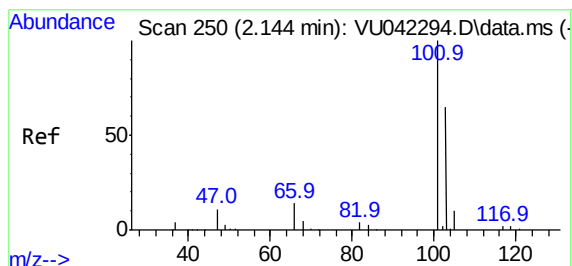
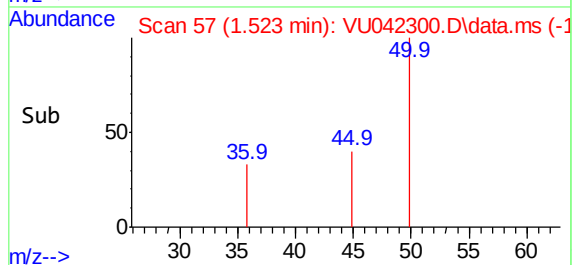
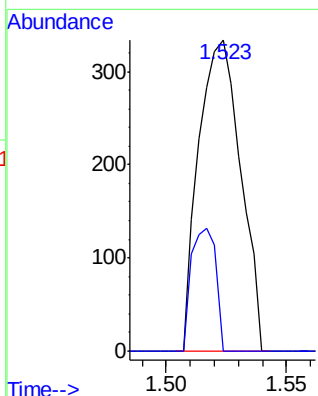
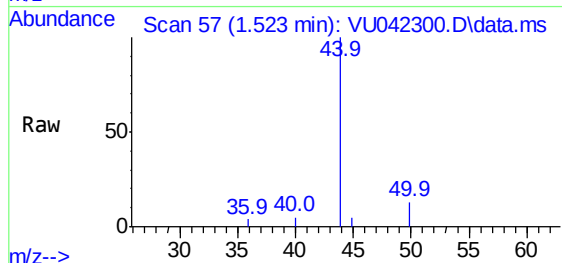




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

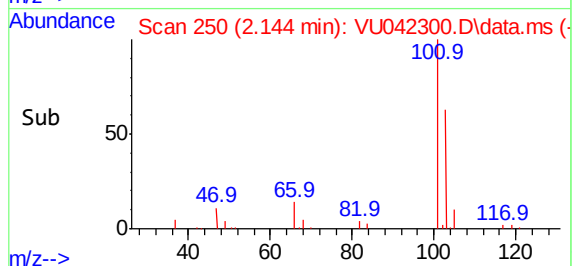
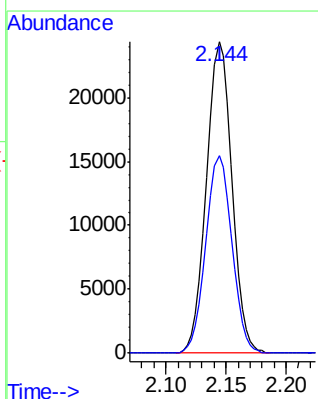
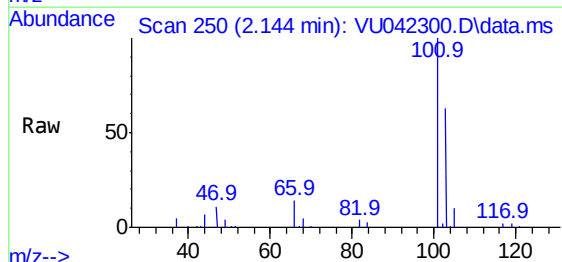
Instrument :
MSVOA_U
ClientSampleId :
C0AR5DL

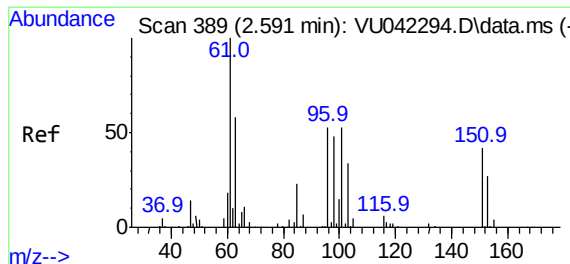
Tgt Ion: 50 Resp: 397
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#9
Trichlorofluoromethane
Concen: 3.15 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

Tgt Ion: 101 Resp: 34775
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8

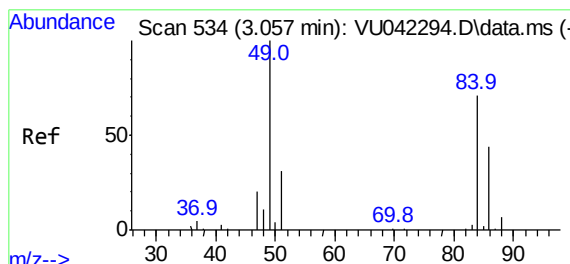
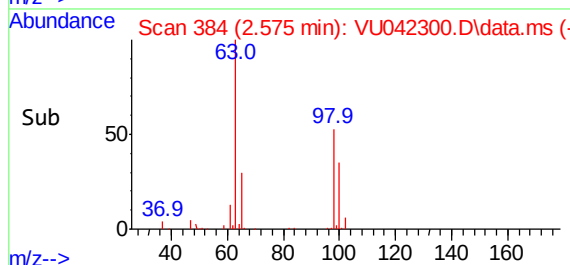
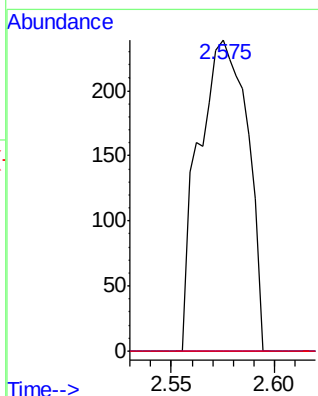
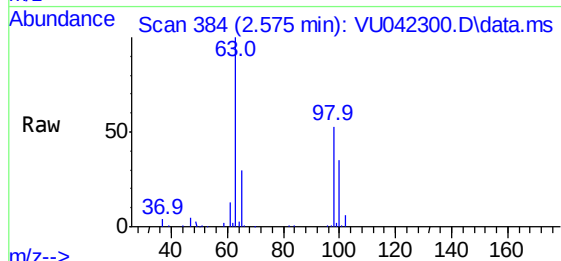




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.06 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.016 min
 Lab File: VU042300.D
 Acq: 09 Feb 2021 16:30

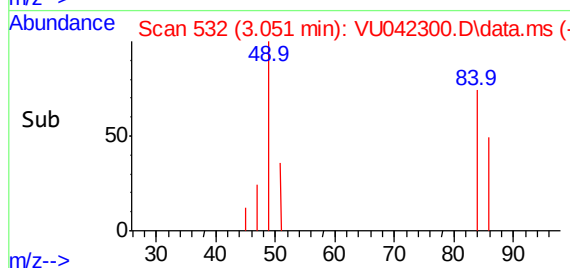
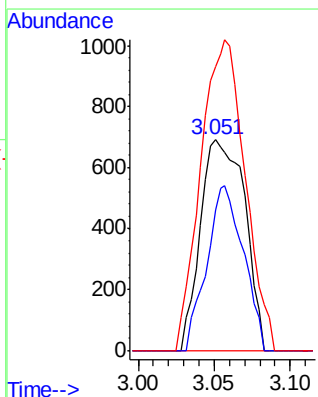
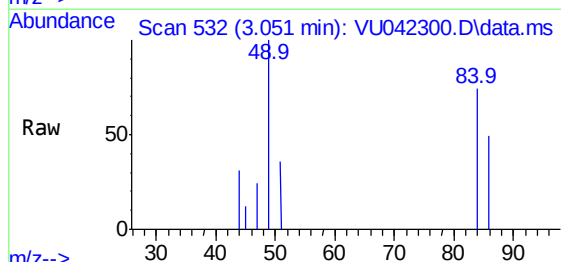
Instrument :
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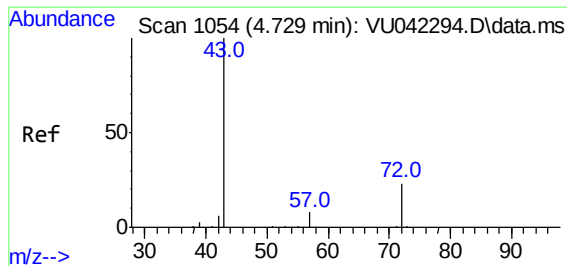
Tgt Ion:	101	Resp:	393
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	51.8#
151	0.0	62.7	94.1#



#16
 Methylene chloride
 Concen: 0.17 ug/L
 RT: 3.051 min Scan# 532
 Delta R.T. -0.006 min
 Lab File: VU042300.D
 Acq: 09 Feb 2021 16:30

Tgt Ion:	84	Resp:	1396
Ion	Ratio	Lower	Upper
84	100		
86	66.3	44.1	81.9
49	134.4	95.0	176.4

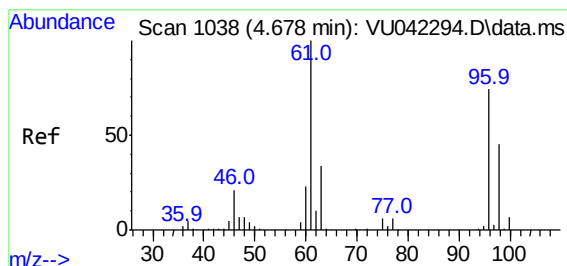
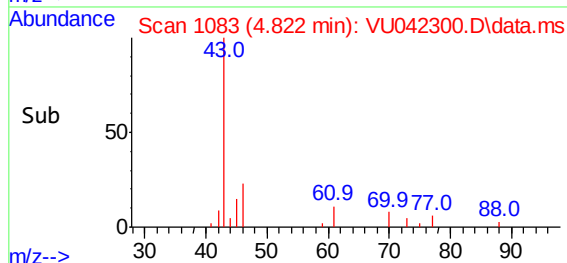
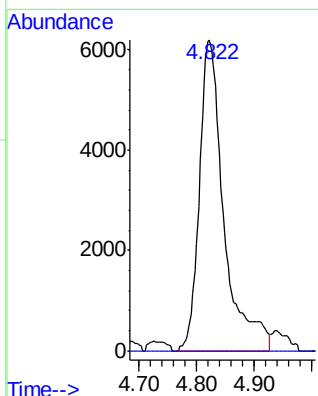
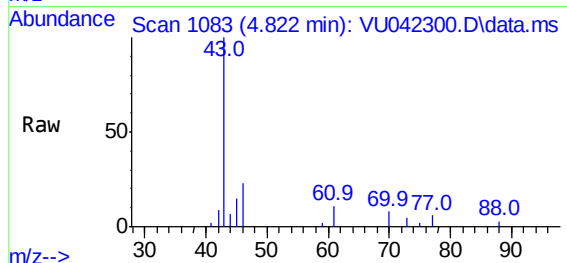




#21
2-Butanone
Concen: 6.86 ug/L
RT: 4.822 min Scan# 1083
Delta R.T. 0.093 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

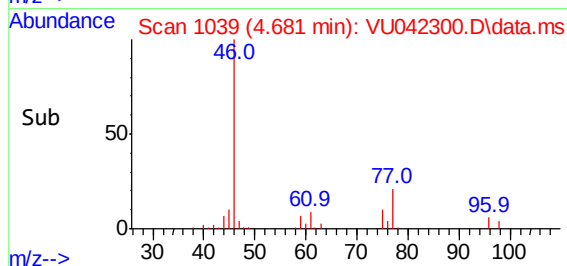
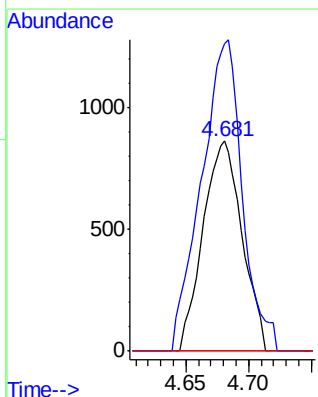
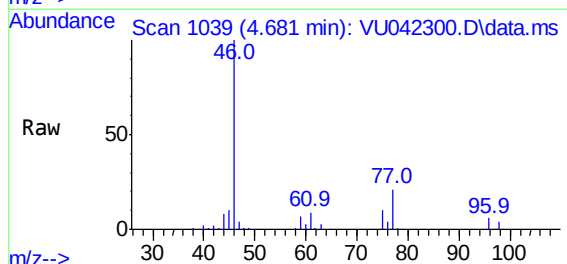
Instrument :
MSVOA_U
ClientSampled :
C0AR5DL

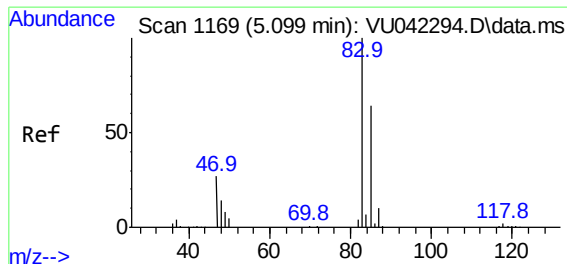
Tgt Ion: 43 Resp: 18221
Ion Ratio Lower Upper
43 100
72 0.0 11.7 35.1#



#22
cis-1,2-Dichloroethene
Concen: 0.24 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

Tgt Ion: 96 Resp: 1859
Ion Ratio Lower Upper
96 100
61 146.8 97.8 181.6
68 0.0 0.0 0.0

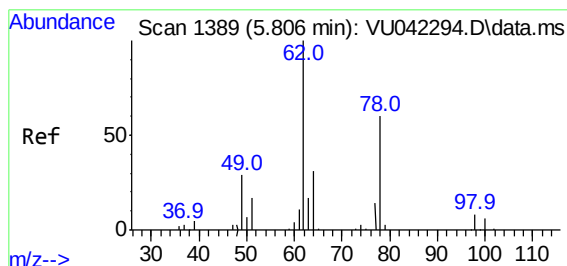
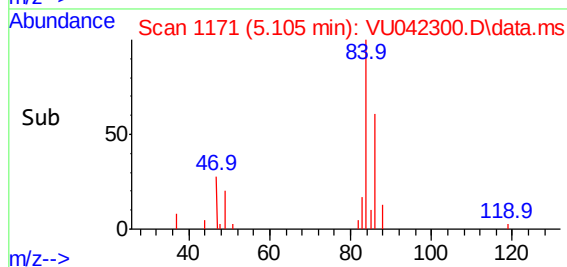
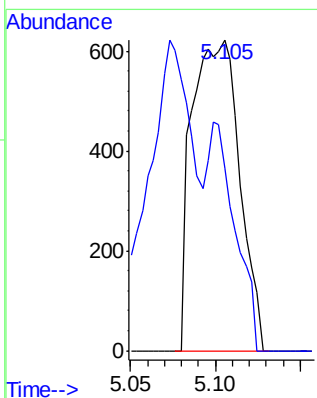
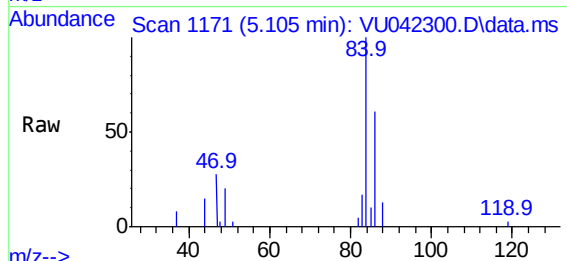




#25
Chloroform
Concen: 0.09 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.007 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

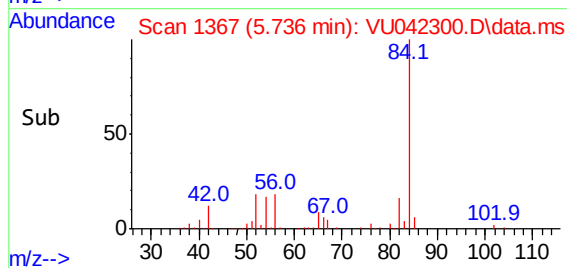
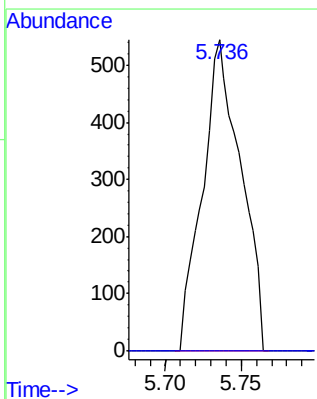
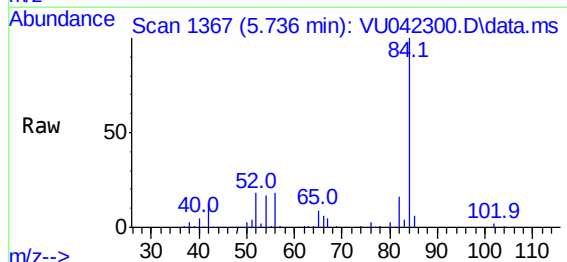
Instrument :
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ClientSampleId :
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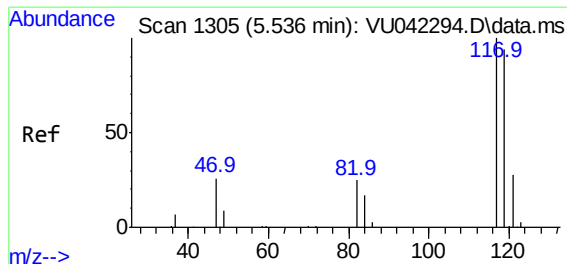
Tgt Ion: 83 Resp: 1219
Ion Ratio Lower Upper
83 100
85 58.8 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.10 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

Tgt Ion: 62 Resp: 958
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

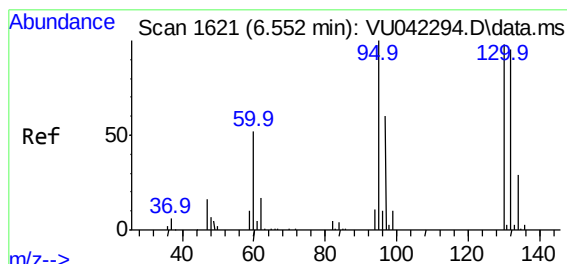
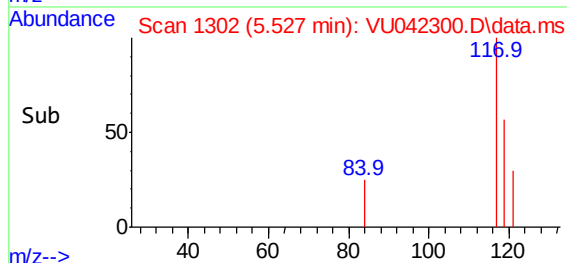
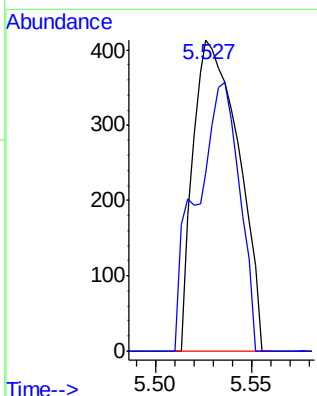
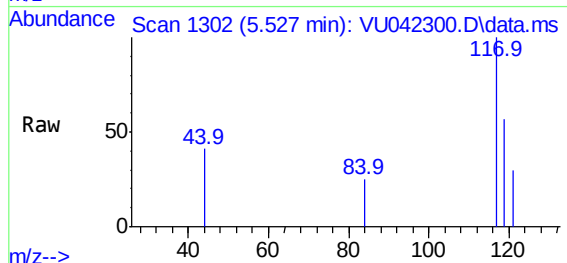




#31
Carbon tetrachloride
Concen: 0.06 ug/L
RT: 5.527 min Scan# 1302
Delta R.T. -0.009 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

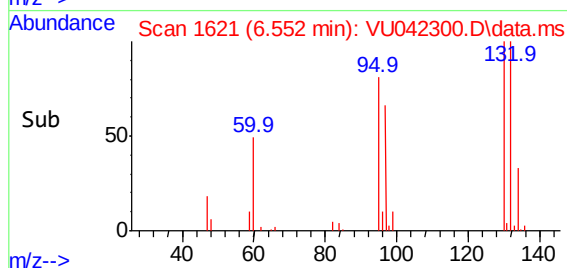
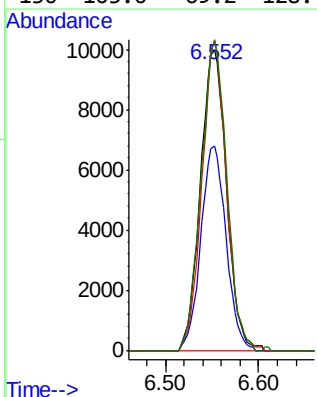
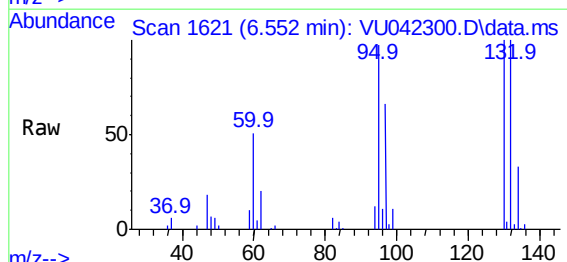
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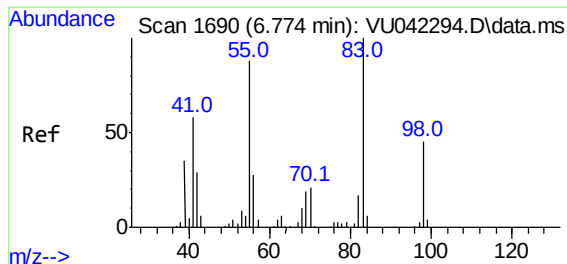
Tgt Ion:117 Resp: 676
Ion Ratio Lower Upper
117 100
119 81.4 76.2 114.4



#34
Trichloroethene
Concen: 2.58 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

Tgt Ion: 95 Resp: 19401
Ion Ratio Lower Upper
95 100
97 67.9 44.4 82.4
132 103.3 68.0 126.4
130 103.0 69.2 128.4

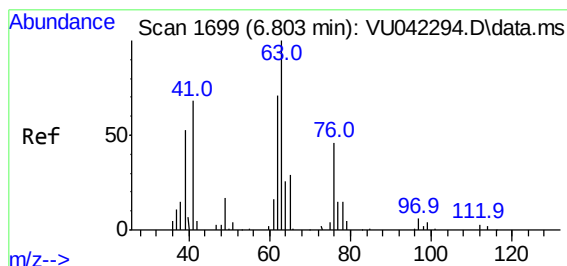
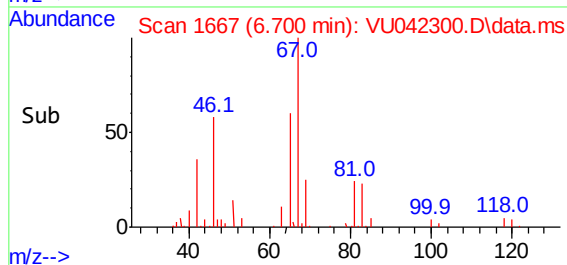
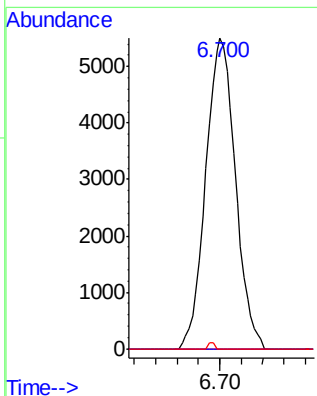
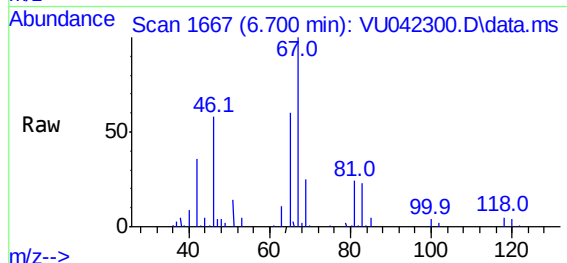




#35
Methylcyclohexane
Concen: 0.83 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

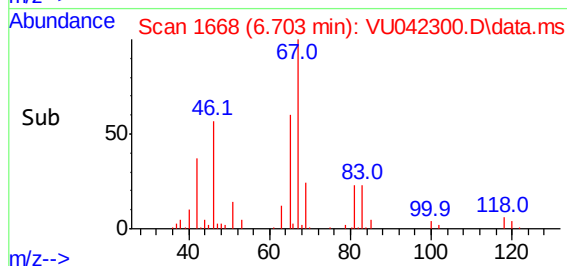
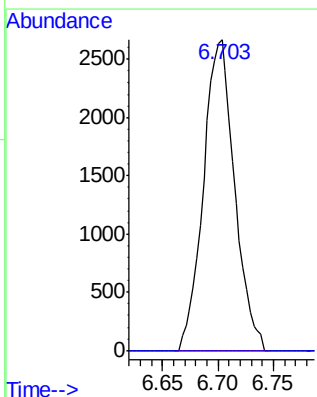
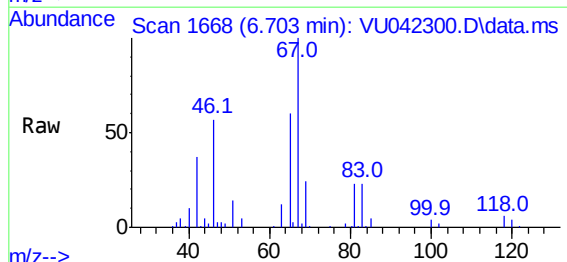
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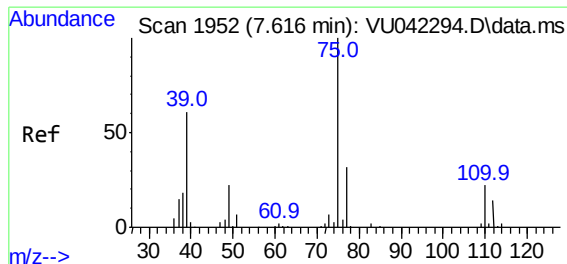
Tgt Ion: 83 Resp: 10541
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.4 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.71 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.100 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

Tgt Ion: 63 Resp: 5204
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

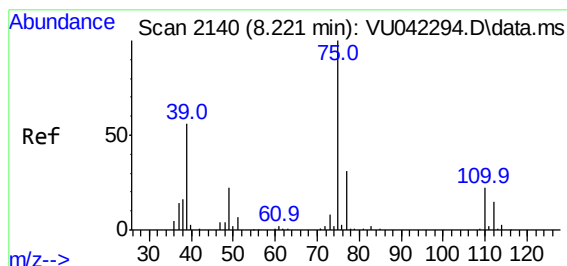
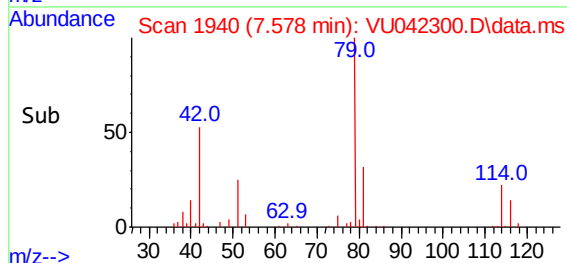
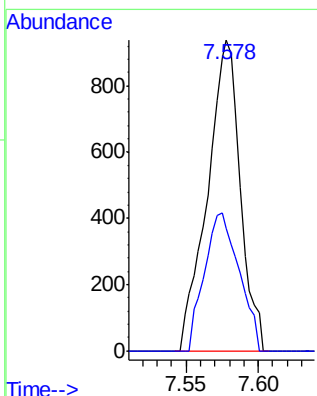
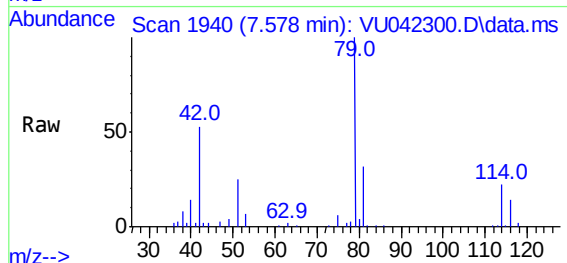




#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.038 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

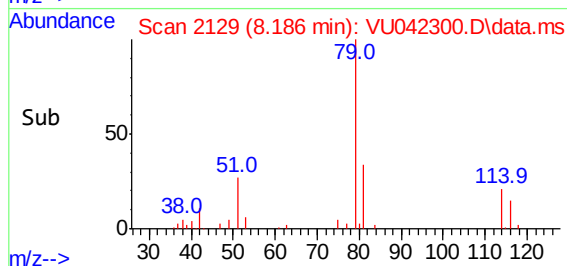
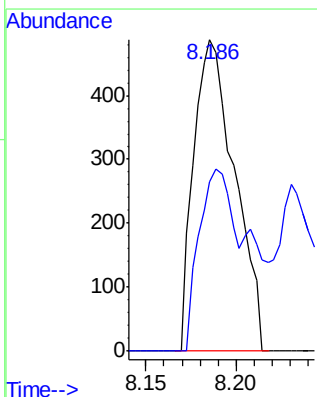
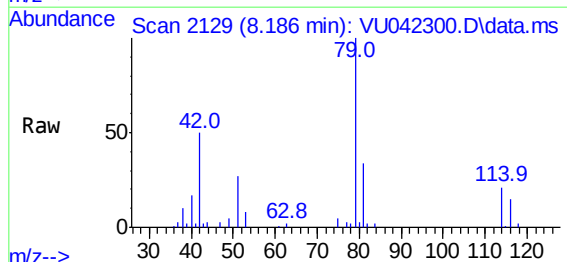
Instrument :
MSVOA_U
ClientSampleId :
C0AR5DL

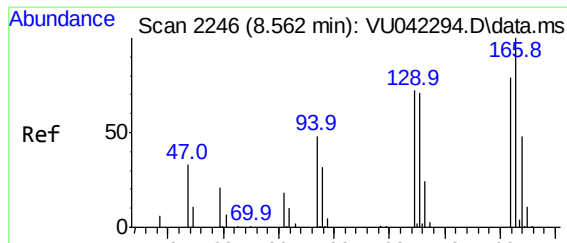
Tgt Ion: 75 Resp: 1484
Ion Ratio Lower Upper
75 100
77 39.6 22.0 40.8



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

Tgt Ion: 75 Resp: 762
Ion Ratio Lower Upper
75 100
77 54.1 21.8 40.4#



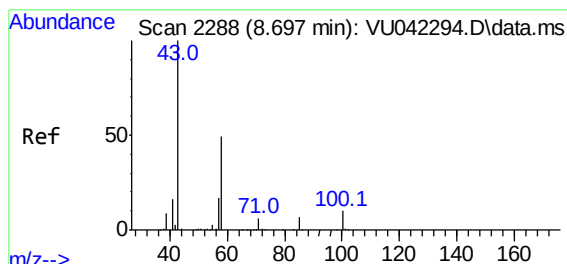
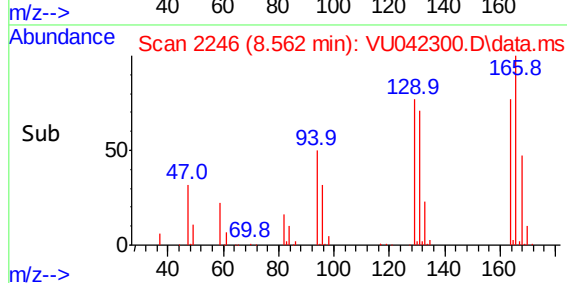
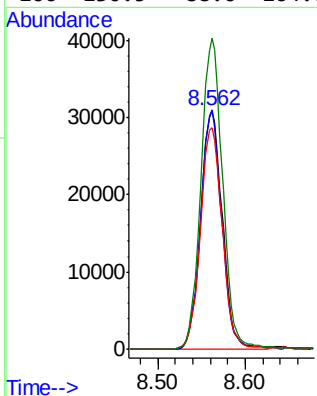
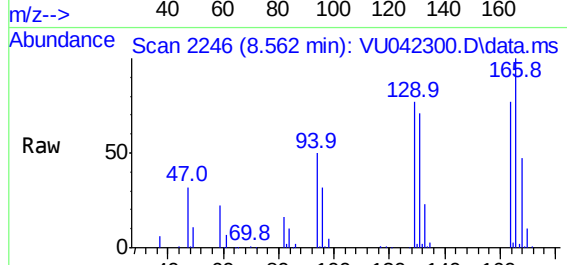


#47
Tetrachloroethene
Concen: 8.45 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

Instrument :
MSVOA_U
ClientSampleId :
C0AR5DL

Tgt Ion:164 Resp: 52897

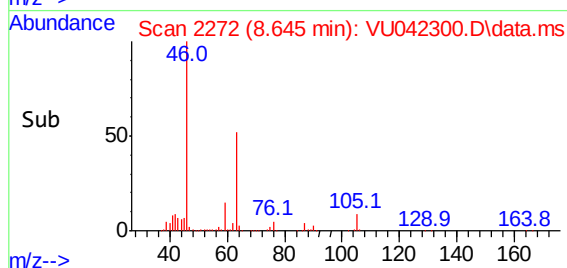
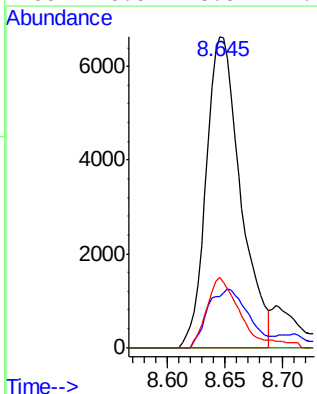
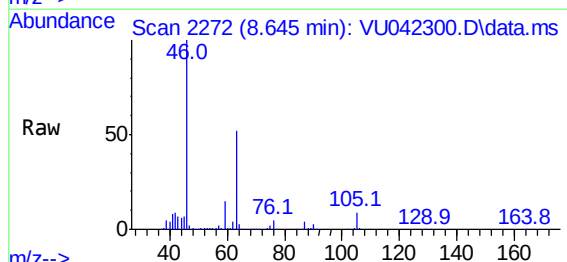
Ion	Ratio	Lower	Upper
164	100		
129	100.4	64.3	119.5
131	93.0	62.2	115.6
166	130.5	88.6	164.6

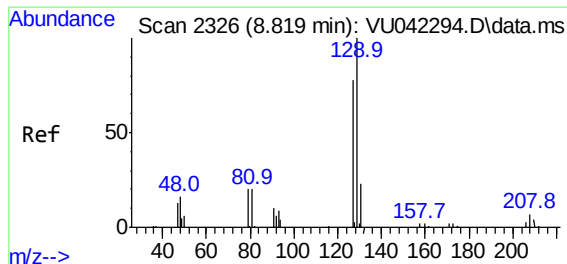


#48
2-Hexanone
Concen: 3.12 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

Tgt Ion: 43 Resp: 13647

Ion	Ratio	Lower	Upper
43	100		
58	22.4	40.6	61.0#
57	22.3	14.9	22.3
100	0.0	8.6	12.8#

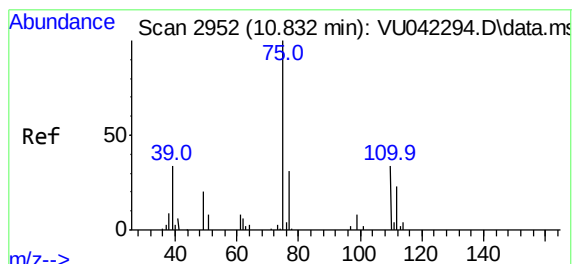
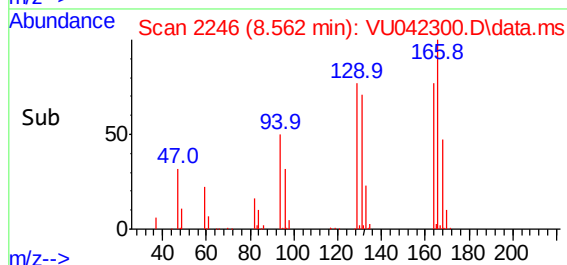
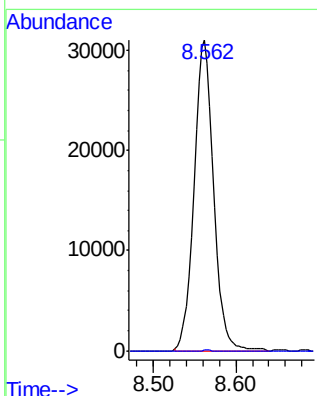
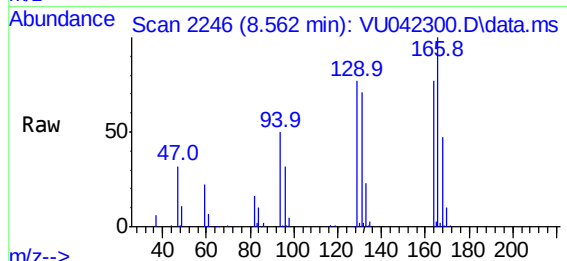




#49
Dibromochloromethane
Concen: 7.17 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

Instrument :
MSVOA_U
ClientSampleId :
C0AR5DL

Tgt Ion:129 Resp: 51863
Ion Ratio Lower Upper
129 100
127 0.5 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.15 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042300.D
Acq: 09 Feb 2021 16:30

Tgt Ion: 75 Resp: 5959
Ion Ratio Lower Upper
75 100
77 35.4 26.0 39.0

