

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042824.D
 Acq On : 29 Mar 2021 18:27
 Operator : SY/MD
 Sample : M1846-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR29

Quant Time: Mar 30 01:18:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

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

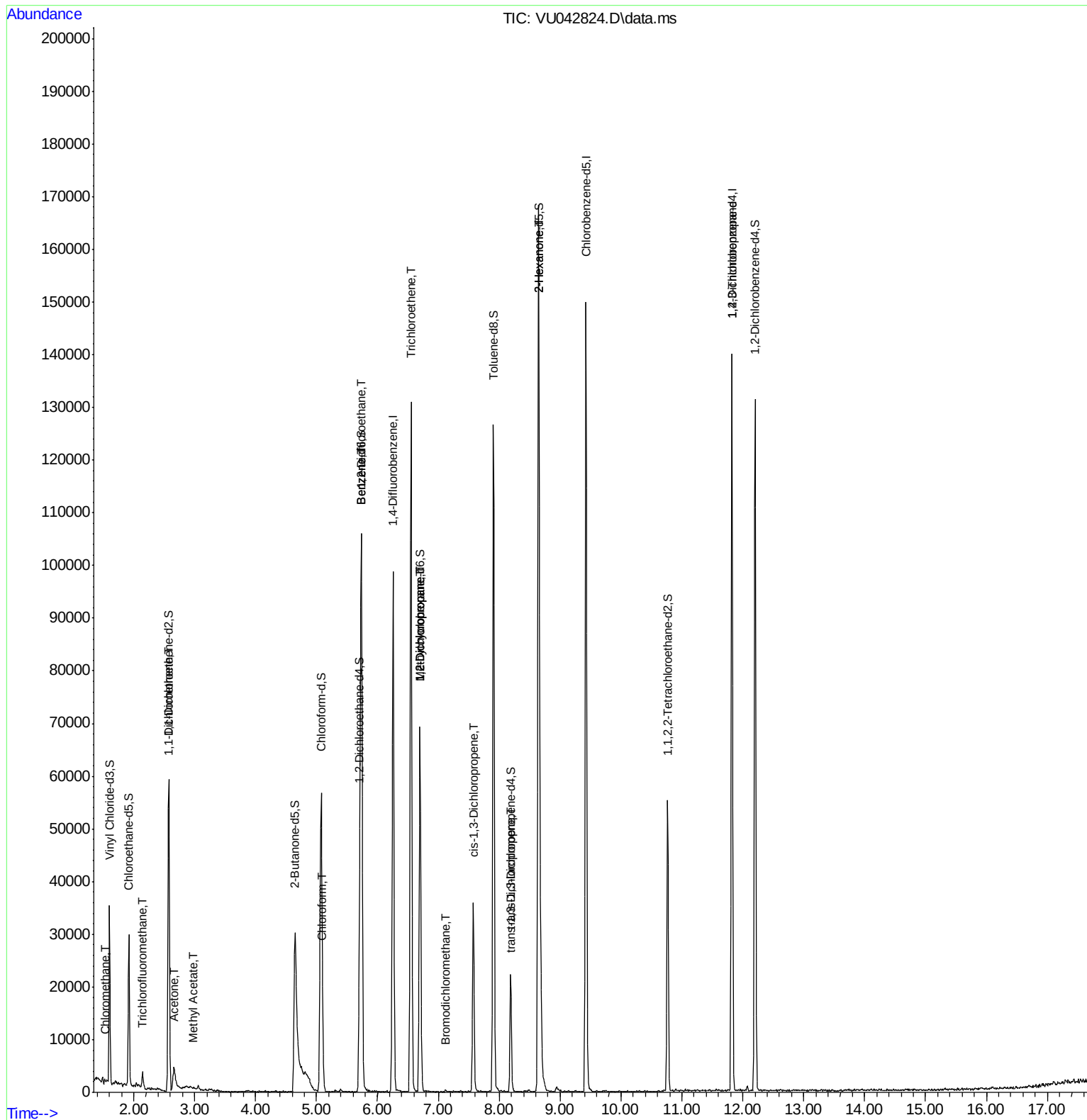
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	74980	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	76837	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	34375	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21612	4.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	86.40%		
7) Chloroethane-d5	1.919	69	18667	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	98.60%		
11) 1,1-Dichloroethene-d2	2.571	63	37929	3.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	67.20%		
20) 2-Butanone-d5	4.645	46	69208	42.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	84.34%		
24) Chloroform-d	5.073	84	50178	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	101.60%		
26) 1,2-Dichloroethane-d4	5.710	65	30521	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	100.40%		
32) Benzene-d6	5.738	84	88022	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.40%		
36) 1,2-Dichloropropane-d6	6.700	67	29946	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	98.60%		
41) Toluene-d8	7.906	98	79121	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	86.00%		
43) trans-1,3-Dichloroprop...	8.189	79	12265	4.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	86.40%		
46) 2-Hexanone-d5	8.645	63	65663	48.30	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	96.60%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24989	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	92.40%		
64) 1,2-Dichlorobenzene-d4	12.201	152	33474	5.37	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	107.40%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	331	0.05	ug/L #	42
9) Trichlorofluoromethane	2.141	101	1726	0.16	ug/L	96
12) 1,1-Dichloroethene	2.578	96	285	0.05	ug/L #	1
13) Acetone	2.661	43	9796	7.75	ug/L	67
15) Methyl Acetate	2.980	43	362	0.12	ug/L #	55
25) Chloroform	5.099	83	6273	0.56	ug/L	91
27) 1,2-Dichloroethane	5.735	62	603	0.07	ug/L #	75
33) Benzene	5.738	78	677	0.03	ug/L	100
34) Trichloroethene	6.549	95	40495	6.08	ug/L	98
35) Methylcyclohexane	6.700	83	6765	0.67	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	3711	0.57	ug/L #	87
38) Bromodichloromethane	7.111	83	339	0.04	ug/L #	68
39) cis-1,3-Dichloropropene	7.574	75	987	0.10	ug/L #	62
44) trans-1,3-Dichloropropene	8.195	75	605	0.07	ug/L	93
48) 2-Hexanone	8.645	43	11187	2.68	ug/L #	66
59) 1,2,3-Trichloropropane	11.822	75	4245	0.87	ug/L #	80

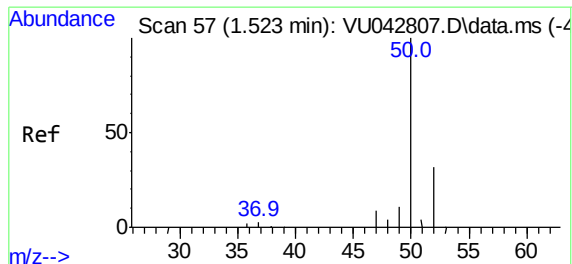
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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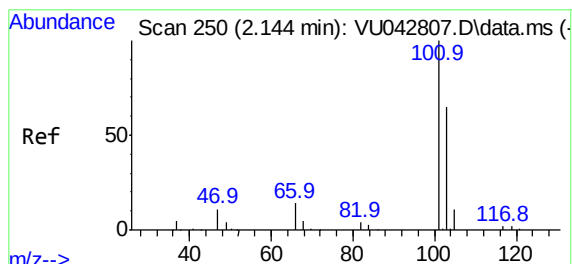
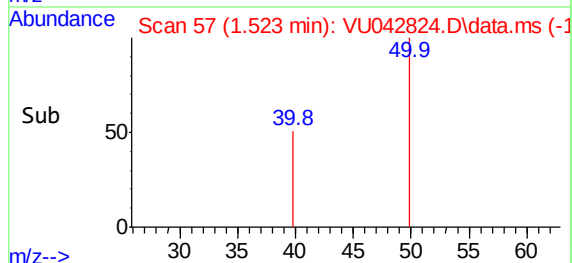
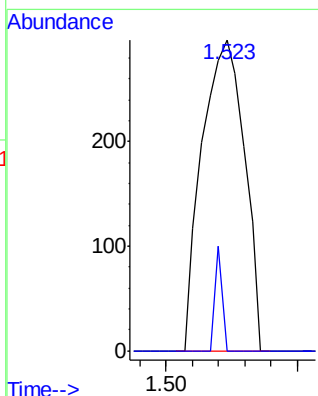
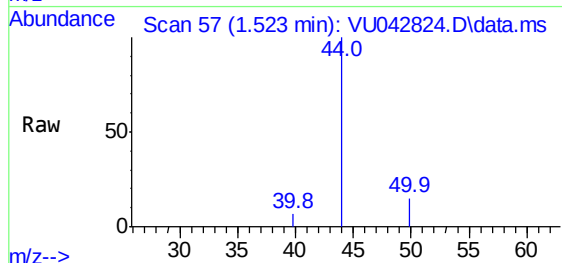




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042824.D
Acq: 29 Mar 2021 18:27

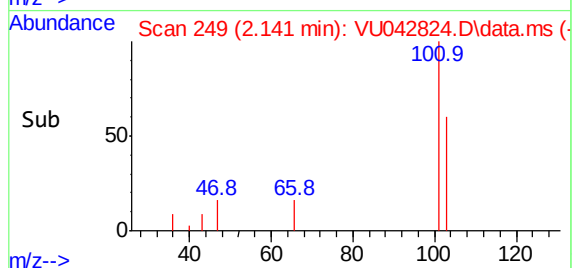
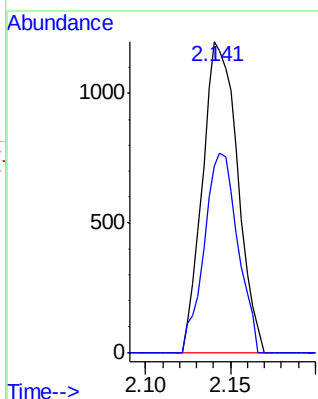
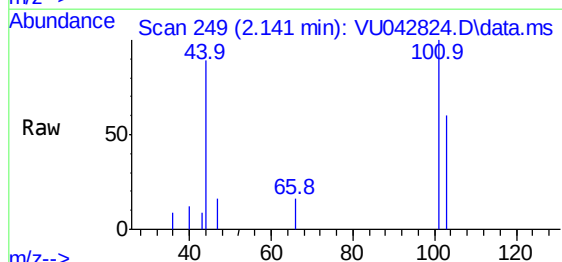
Instrument :
MSVOA_U
ClientSampled :
YAR29

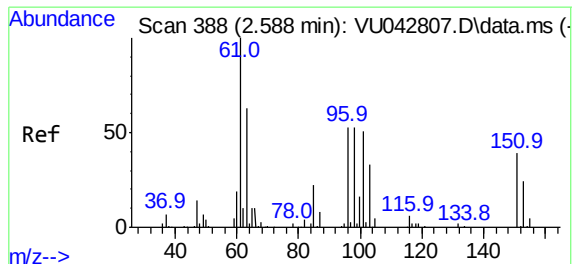
Tgt Ion: 50 Resp: 331
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#9
Trichlorofluoromethane
Concen: 0.16 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU042824.D
Acq: 29 Mar 2021 18:27

Tgt Ion:101 Resp: 1726
Ion Ratio Lower Upper
101 100
103 61.5 51.8 77.8

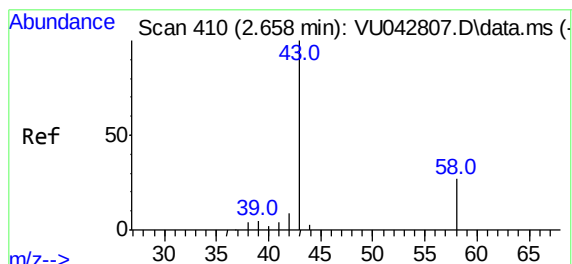
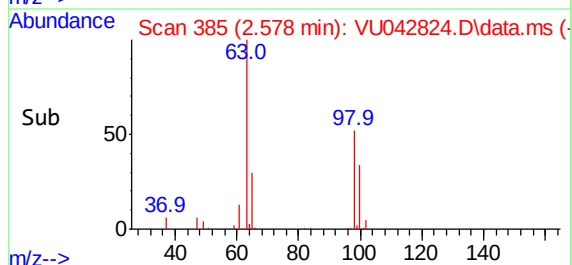
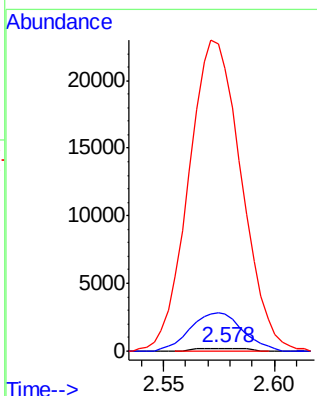
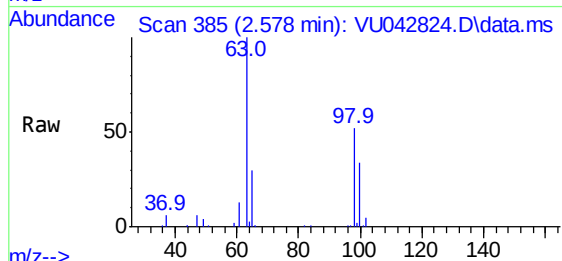




#12
1,1-Dichloroethene
Concen: 0.05 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042824.D
Acq: 29 Mar 2021 18:27

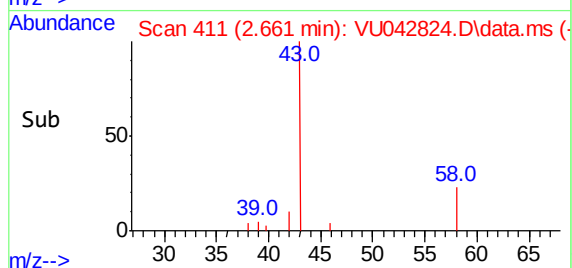
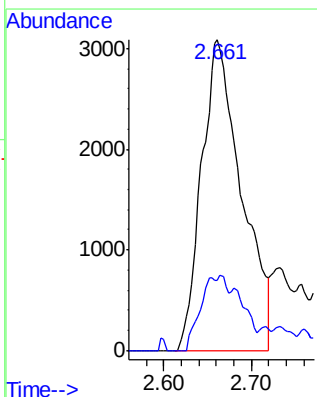
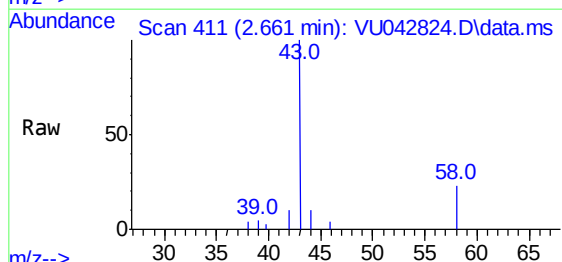
Instrument :
MSVOA_U
ClientSampled :
YAR29

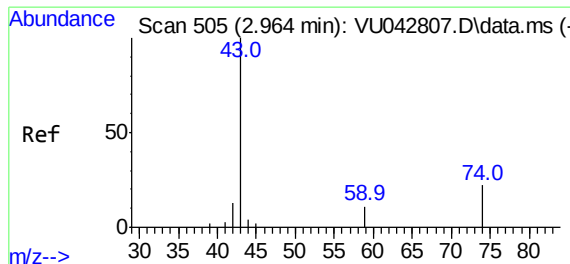
Tgt Ion: 96 Resp: 285
Ion Ratio Lower Upper
96 100
61 1399.5 126.2 234.4#
63 10860.1 77.8 144.4#



#13
Acetone
Concen: 7.75 ug/L
RT: 2.661 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU042824.D
Acq: 29 Mar 2021 18:27

Tgt Ion: 43 Resp: 9796
Ion Ratio Lower Upper
43 100
58 10.5 0.0 55.8

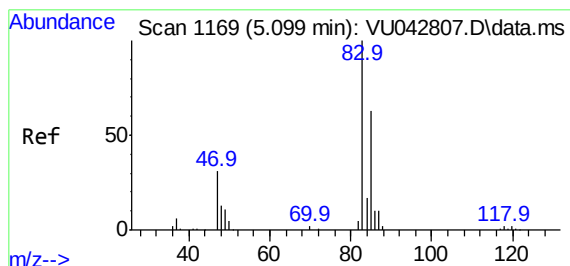
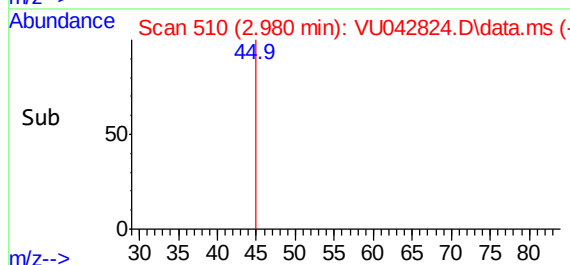
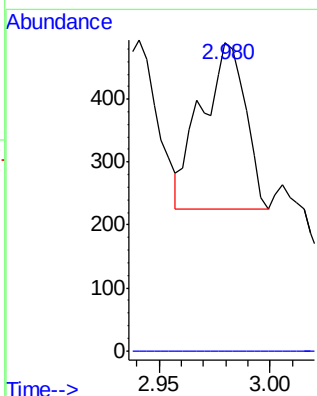
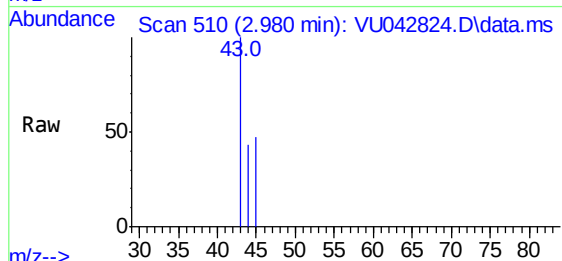




#15
Methyl Acetate
Concen: 0.12 ug/L
RT: 2.980 min Scan# 510
Delta R.T. 0.016 min
Lab File: VU042824.D
Acq: 29 Mar 2021 18:27

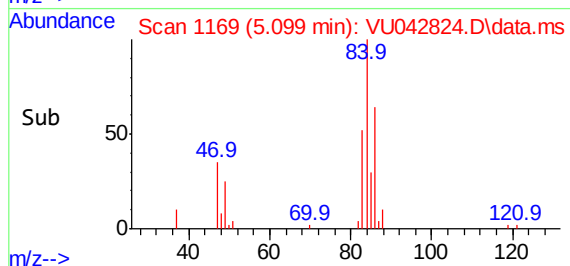
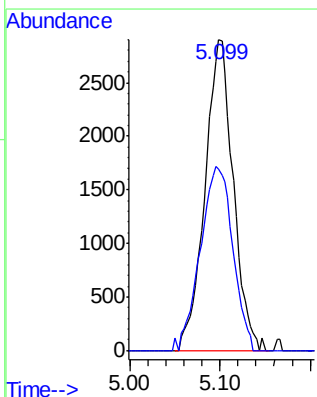
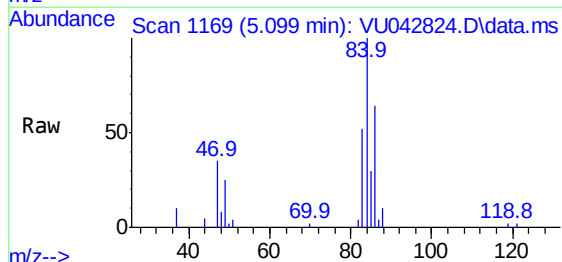
Instrument :
MSVOA_U
ClientSampled :
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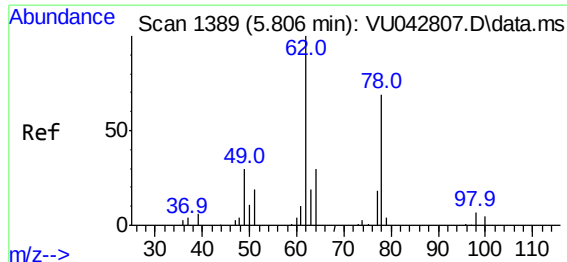
Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#25
Chloroform
Concen: 0.56 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042824.D
Acq: 29 Mar 2021 18:27

Tgt Ion: 83 Resp: 6273
Ion Ratio Lower Upper
83 100
85 58.5 45.7 84.9

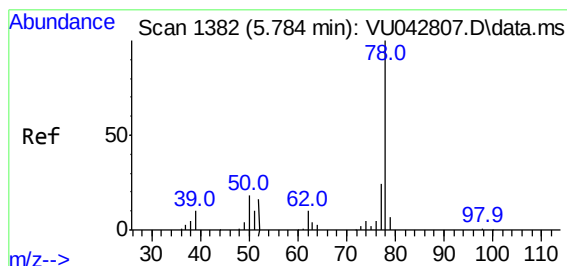
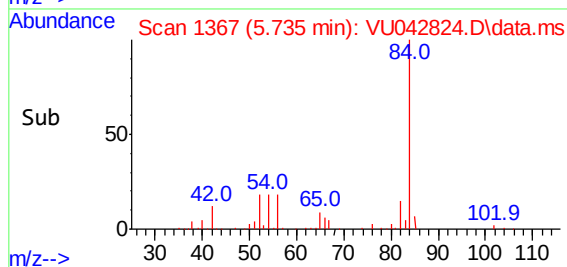
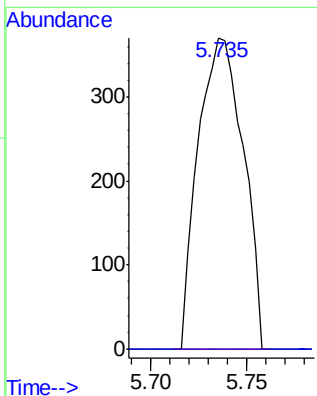
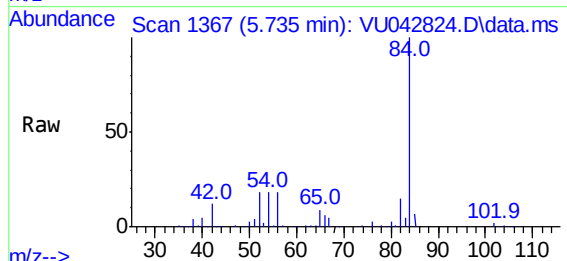




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042824.D
Acq: 29 Mar 2021 18:27

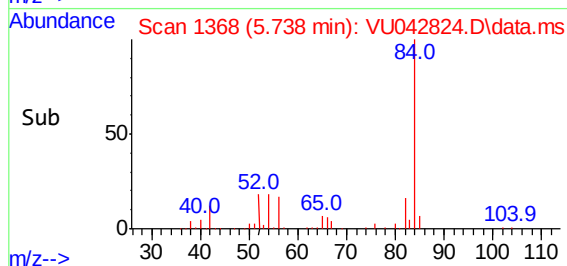
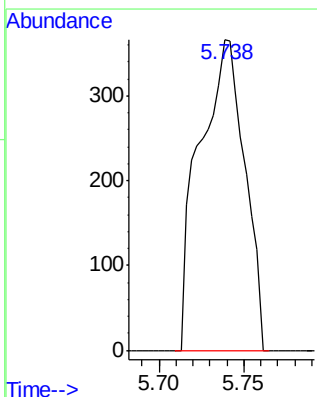
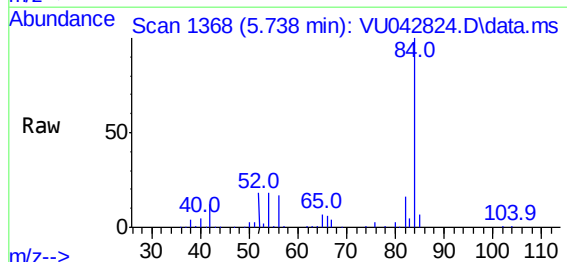
Instrument :
MSVOA_U
ClientSampled :
YAR29

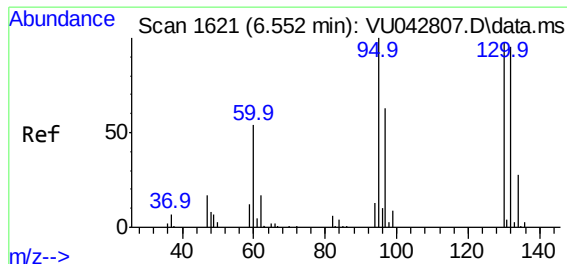
Tgt Ion: 62 Resp: 603
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.738 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042824.D
Acq: 29 Mar 2021 18:27

Tgt Ion: 78 Resp: 677



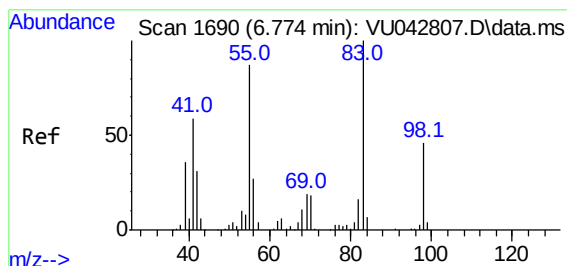
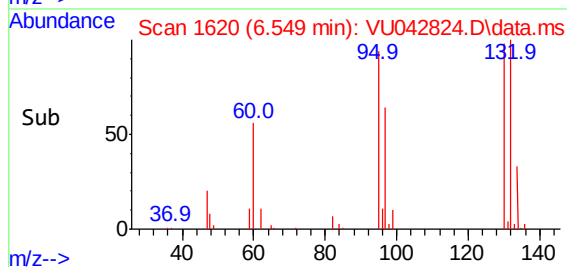
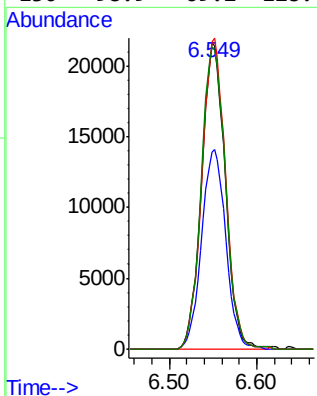
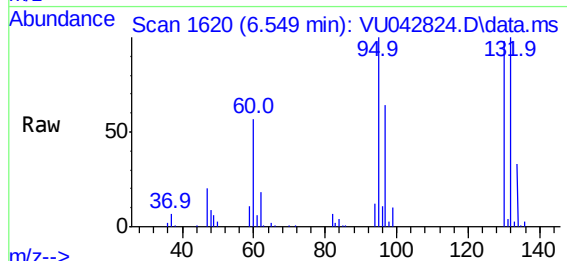


#34
Trichloroethene
Concen: 6.08 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042824.D
Acq: 29 Mar 2021 18:27

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 95 Resp: 40495

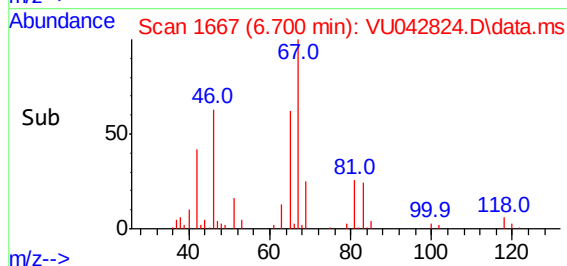
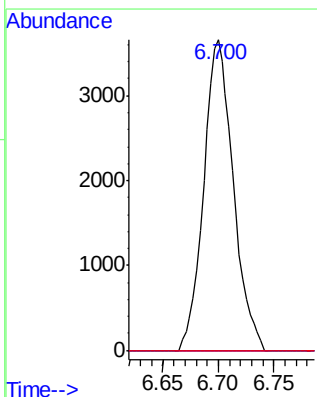
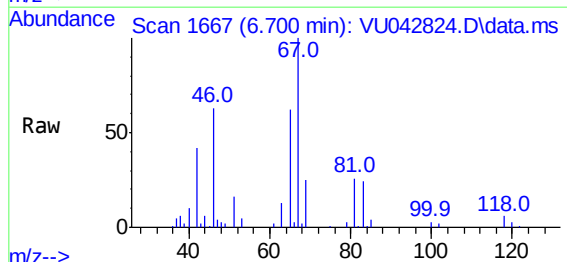
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.4	82.4
132	100.4	68.0	126.4
130	98.9	69.2	128.4

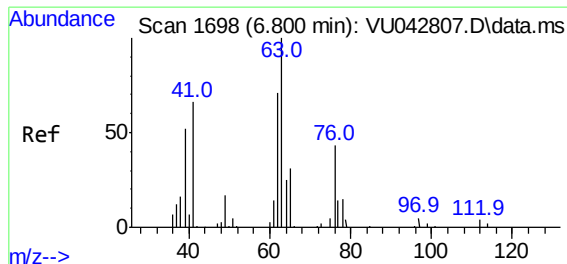


#35
Methylcyclohexane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042824.D
Acq: 29 Mar 2021 18:27

Tgt Ion: 83 Resp: 6765

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	1.3	39.7	59.5#

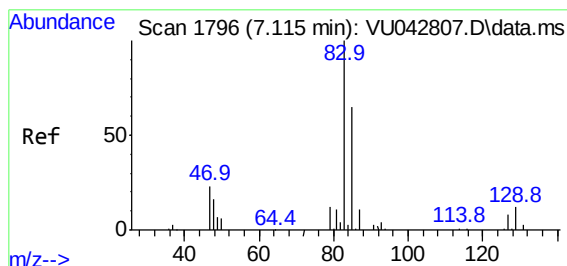
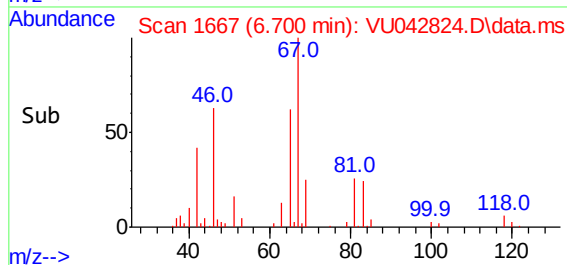
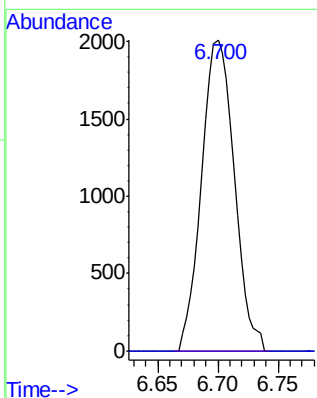
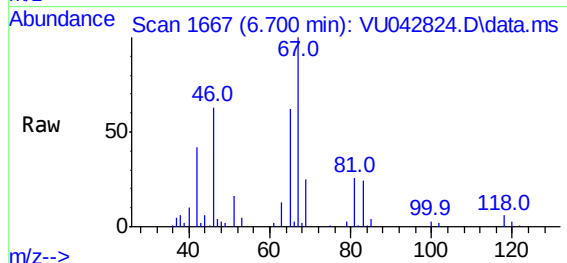




#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042824.D
Acq: 29 Mar 2021 18:27

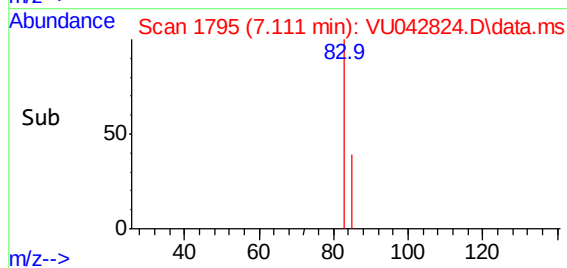
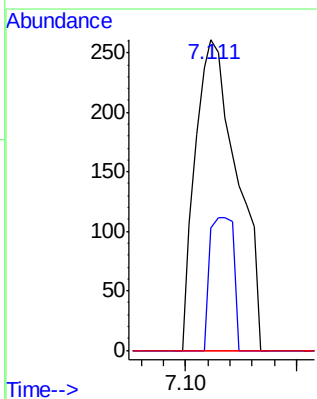
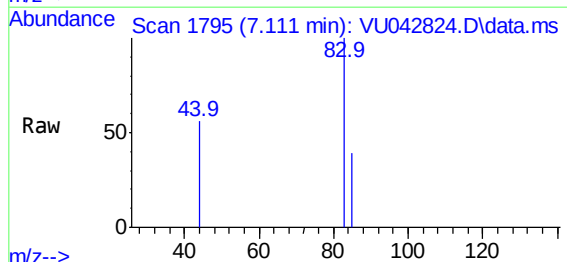
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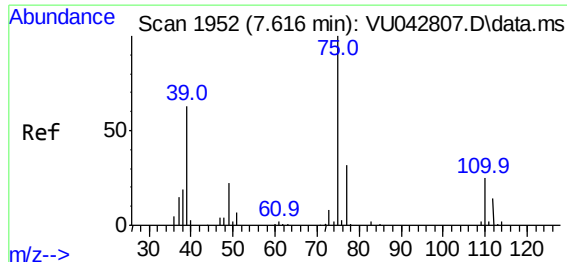
Tgt Ion: 63 Resp: 3711
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.04 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU042824.D
Acq: 29 Mar 2021 18:27

Tgt Ion: 83 Resp: 339
Ion Ratio Lower Upper
83 100
85 39.5 46.0 85.4#
127 0.0 6.8 10.2#

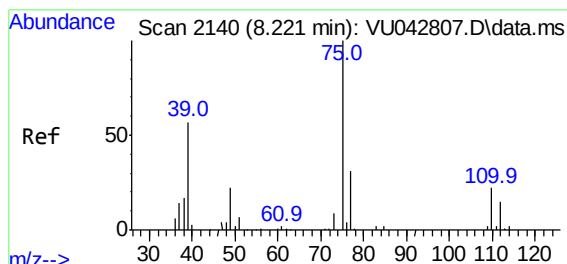
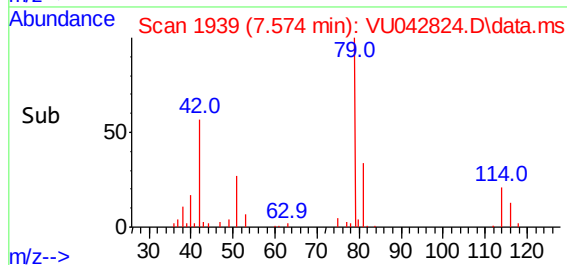
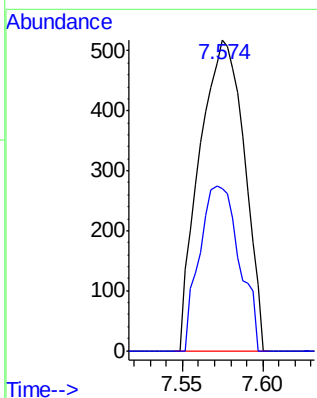
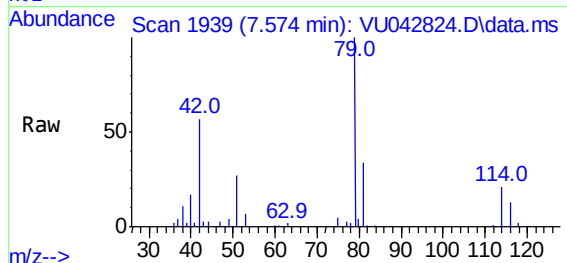




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042824.D
Acq: 29 Mar 2021 18:27

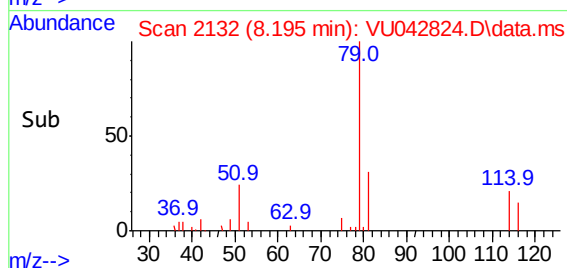
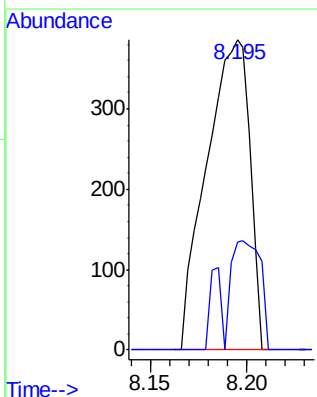
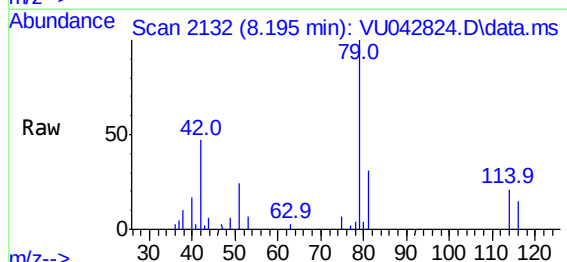
Instrument :
MSVOA_U
ClientSampled :
YAR29

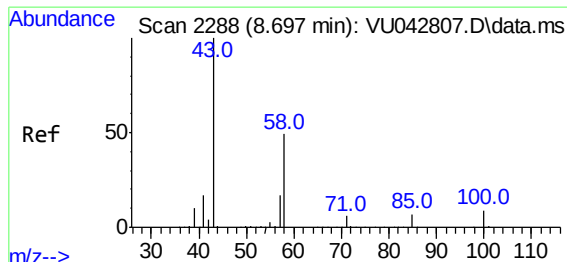
Tgt Ion: 75 Resp: 987
Ion Ratio Lower Upper
75 100
77 52.3 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.195 min Scan# 2132
Delta R.T. -0.026 min
Lab File: VU042824.D
Acq: 29 Mar 2021 18:27

Tgt Ion: 75 Resp: 605
Ion Ratio Lower Upper
75 100
77 34.7 21.8 40.4

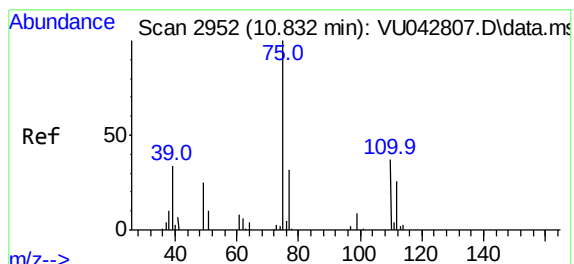
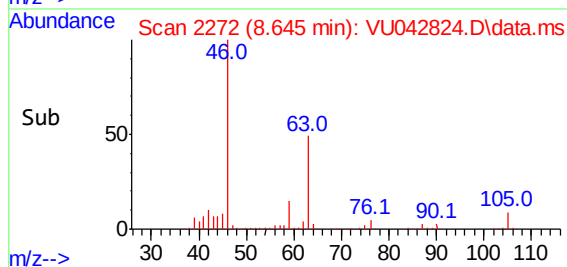
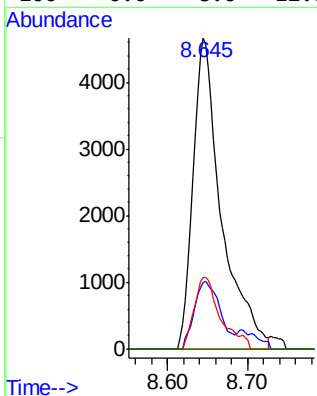
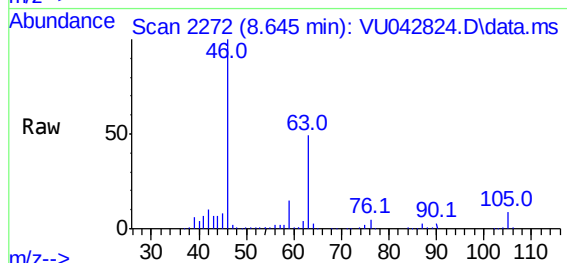




#48
2-Hexanone
Concen: 2.68 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042824.D
Acq: 29 Mar 2021 18:27

Instrument :
MSVOA_U
ClientSampleId :
YAR29

Tgt Ion: 43 Resp: 11187
Ion Ratio Lower Upper
43 100
58 19.8 40.6 61.0#
57 21.4 14.9 22.3
100 0.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 0.87 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042824.D
Acq: 29 Mar 2021 18:27

Tgt Ion: 75 Resp: 4245
Ion Ratio Lower Upper
75 100
77 43.5 26.0 39.0#

