

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
 Data File : VU044276.D
 Acq On : 01 Jul 2021 10:56
 Operator : SY/MD
 Sample : VU0701WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 01:49:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 02 01:46:49 2021
 Response via : Initial Calibration

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

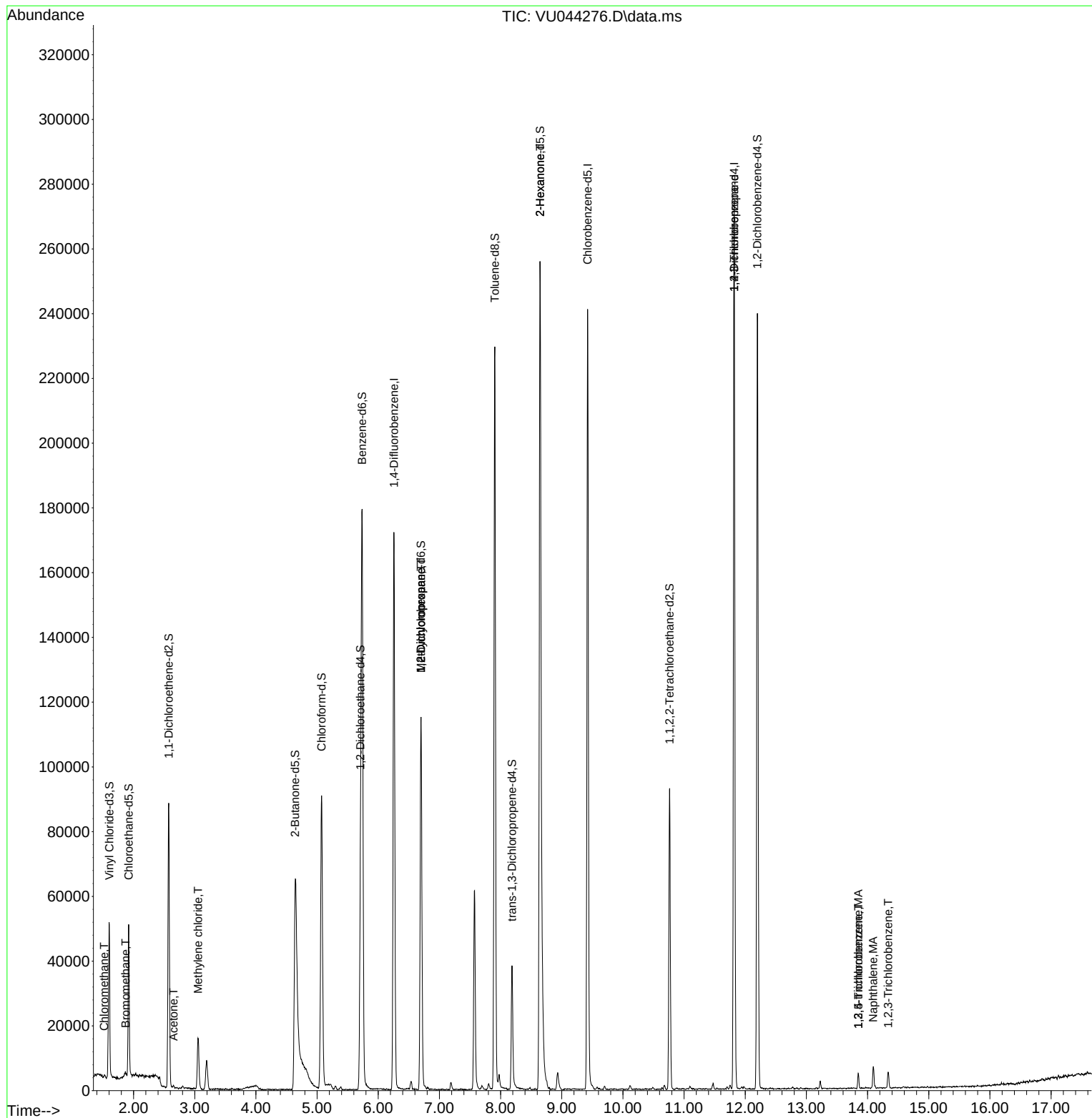
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	136760	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	131214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	70513	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31280	4.224	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.919	69	33261	4.562	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.575	65	17005	4.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.642	46	120841	44.318	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.640%
24) Chloroform-d	5.073	84	80558	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.710	65	48133	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.735	84	161073	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.700	67	53570	5.072	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.906	98	151297	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	8.186	79	21341	4.356	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.645	63	119410	51.177	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.360%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	45756	4.873	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	62413	5.372	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	792	0.085	ug/L	96
6) Bromomethane	1.871	94	714	0.115	ug/L	92
13) Acetone	2.652	43	1966	1.613	ug/L	70
16) Methylene chloride	3.054	84	7483	0.703	ug/L	95
35) Methylcyclohexane	6.700	83	12562	0.816	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	5925	0.652	ug/L #	87
48) 2-Hexanone	8.645	43	17093	3.320	ug/L #	61
61) 1,2,3-Trichloropropane	11.819	75	8806	1.383	ug/L #	66
69) 1,3,5-Trichlorobenzene	13.848	180	1656	0.112	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	1656	0.133	ug/L	99
71) Naphthalene	14.092	128	6315	0.279	ug/L #	96
72) 1,2,3-Trichlorobenzene	14.336	180	1986	0.184	ug/L	99

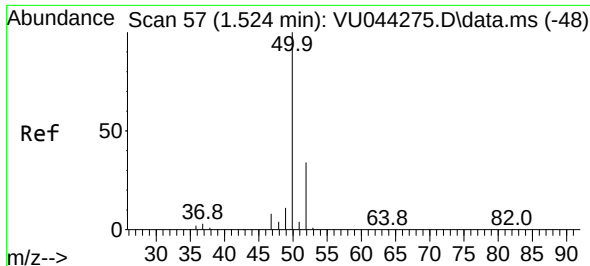
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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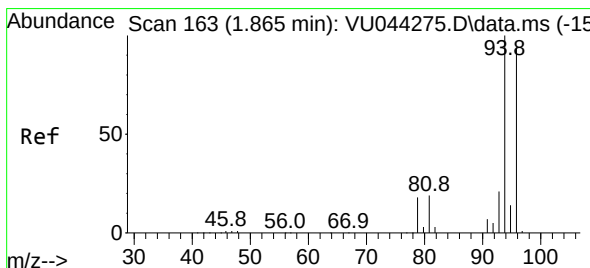
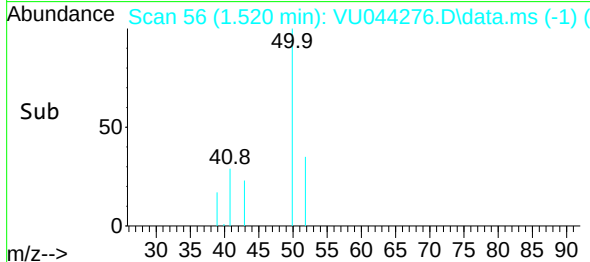
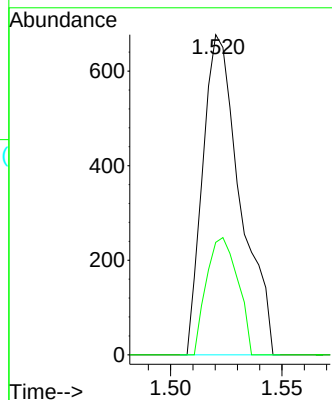
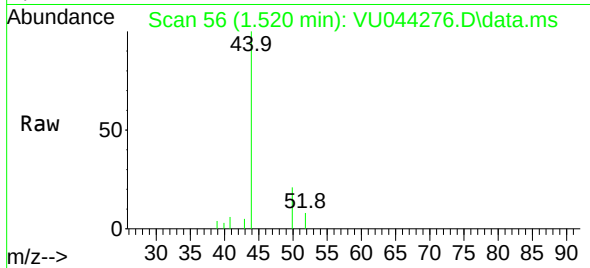




#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.004 min
Lab File: VU044276.D
Acq: 01 Jul 2021 10:56

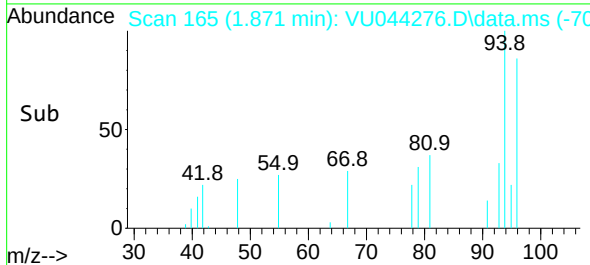
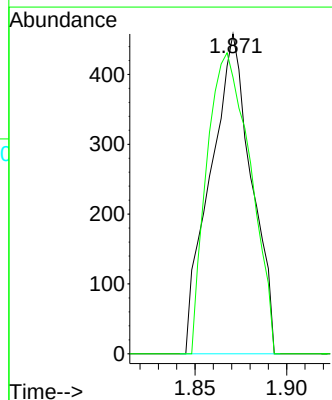
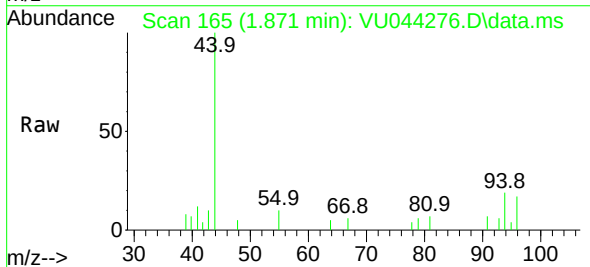
Instrument :
MSVOA_U
ClientSampled :

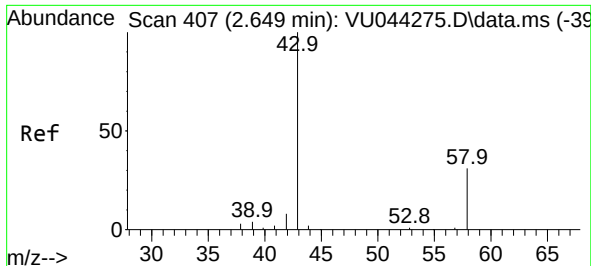
Tgt Ion: 50 Resp: 792
Ion Ratio Lower Upper
50 100
52 35.2 23.1 42.9



#6
Bromomethane
Concen: 0.115 ug/L
RT: 1.871 min Scan# 165
Delta R.T. 0.006 min
Lab File: VU044276.D
Acq: 01 Jul 2021 10:56

Tgt Ion: 94 Resp: 714
Ion Ratio Lower Upper
94 100
96 86.5 65.8 122.2

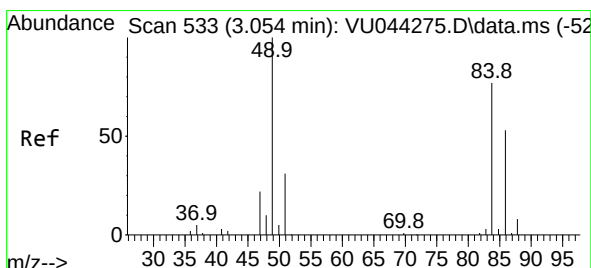
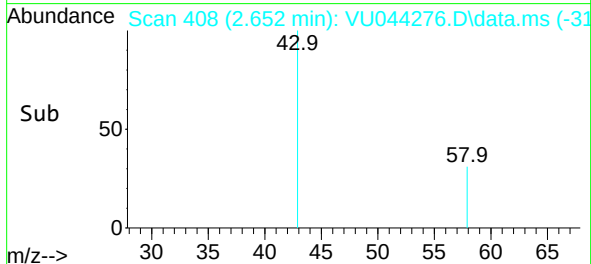
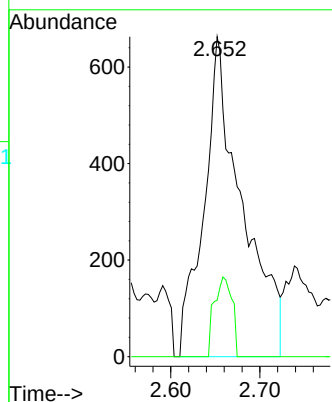
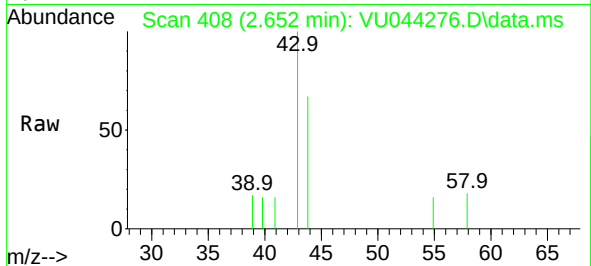




#13
Acetone
Concen: 1.613 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU044276.D
Acq: 01 Jul 2021 10:56

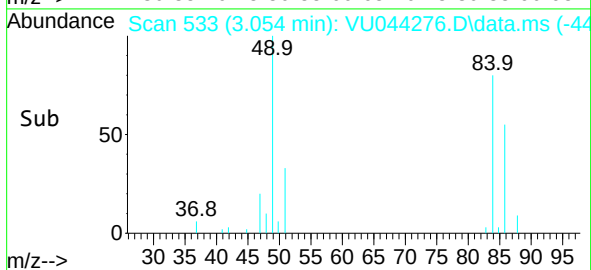
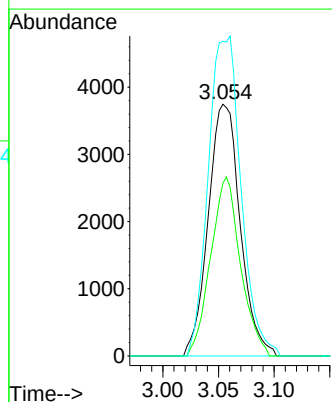
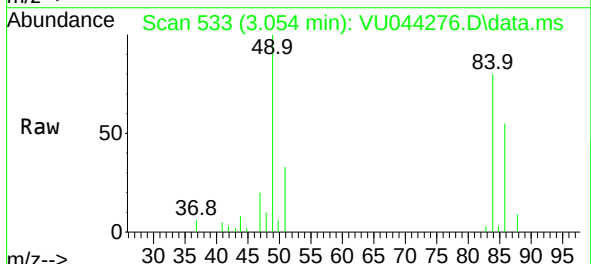
Instrument :
MSVOA_U
ClientSampled :

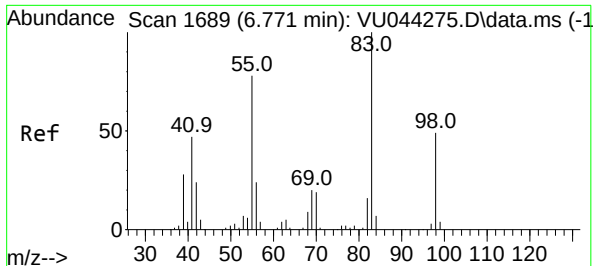
Tgt Ion: 43 Resp: 1966
Ion Ratio Lower Upper
43 100
58 11.5 0.0 53.8



#16
Methylene chloride
Concen: 0.703 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044276.D
Acq: 01 Jul 2021 10:56

Tgt Ion: 84 Resp: 7483
Ion Ratio Lower Upper
84 100
86 68.7 46.1 85.5
49 132.4 88.4 164.2

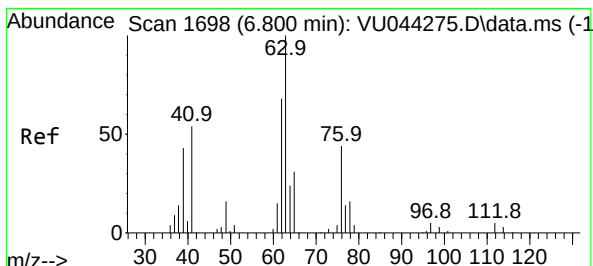
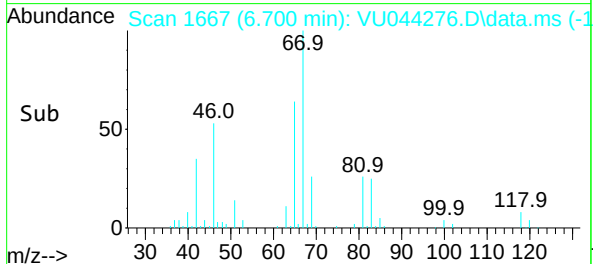
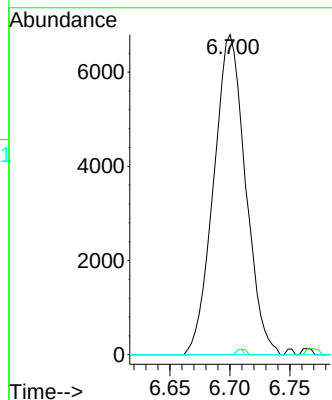
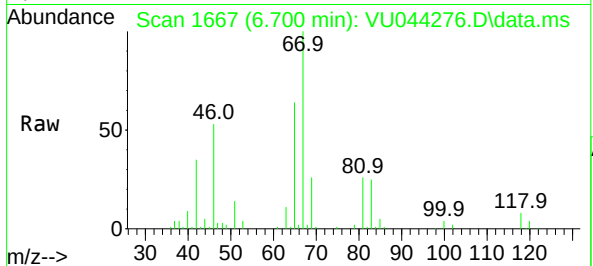




#35
Methylcyclohexane
Concen: 0.816 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU044276.D
Acq: 01 Jul 2021 10:56

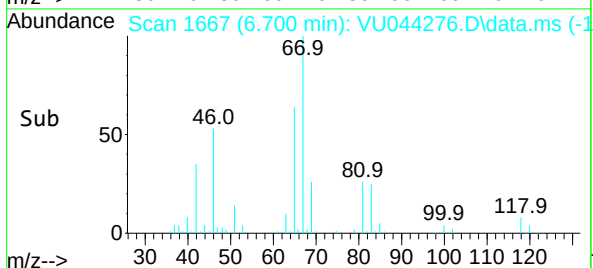
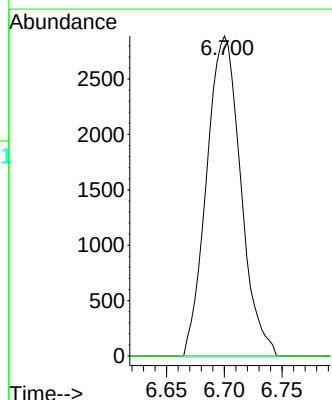
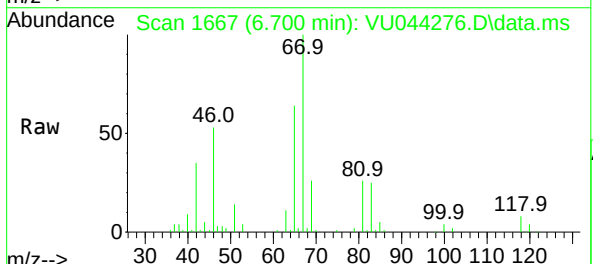
Instrument :
MSVOA_U
ClientSampleId :

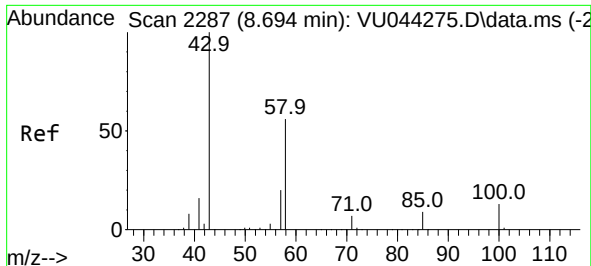
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.5	63.4	95.0#
98	0.3	39.4	59.0#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU044276.D
Acq: 01 Jul 2021 10:56

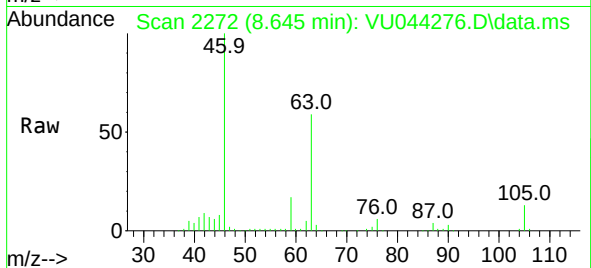
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



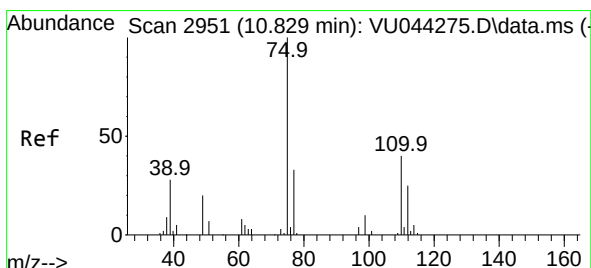
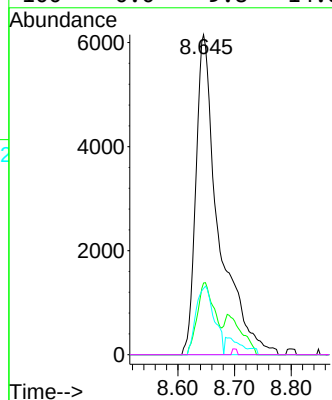
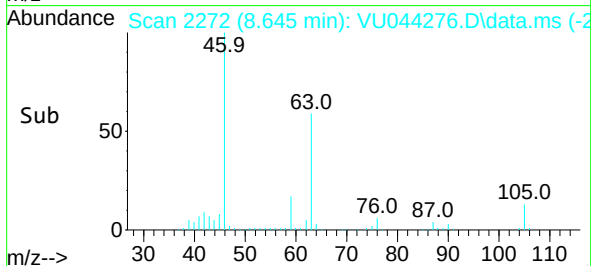


#48
2-Hexanone
Concen: 3.320 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.049 min
Lab File: VU044276.D
Acq: 01 Jul 2021 10:56

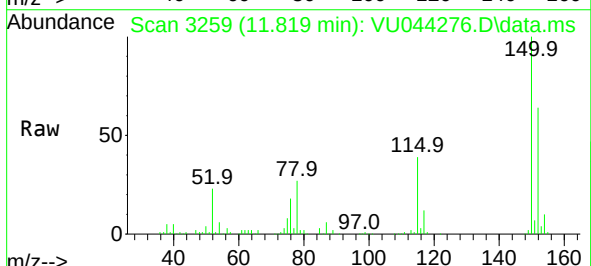
Instrument :
MSVOA_U
ClientSampled :



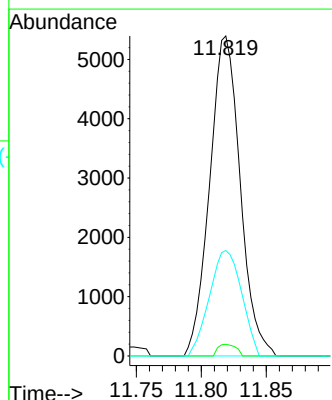
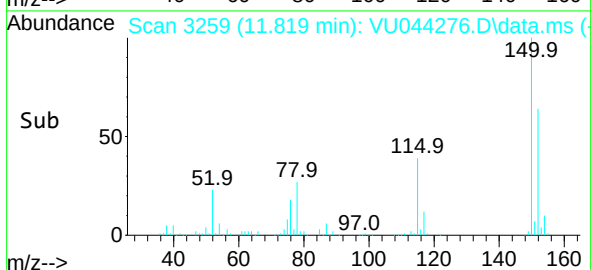
Tgt Ion: 43 Resp: 17093
Ion Ratio Lower Upper
43 100
58 17.5 44.7 67.1#
57 17.1 15.7 23.5
100 0.0 9.8 14.8#

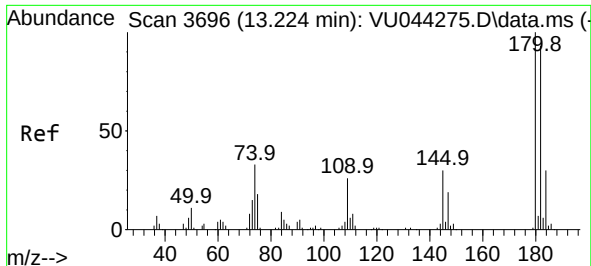


#61
1,2,3-Trichloropropane
Concen: 1.383 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU044276.D
Acq: 01 Jul 2021 10:56



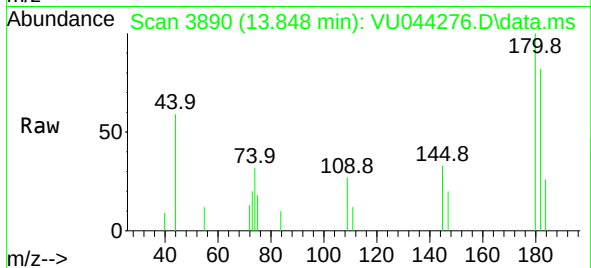
Tgt Ion: 75 Resp: 8806
Ion Ratio Lower Upper
75 100
110 2.1 30.5 45.7#
77 34.6 26.1 39.1



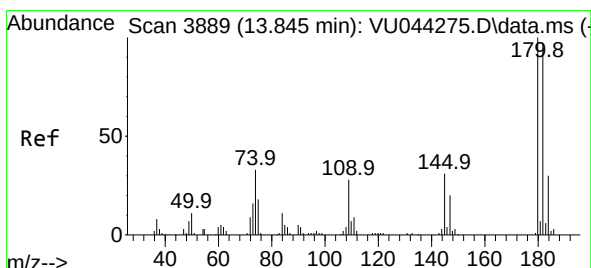
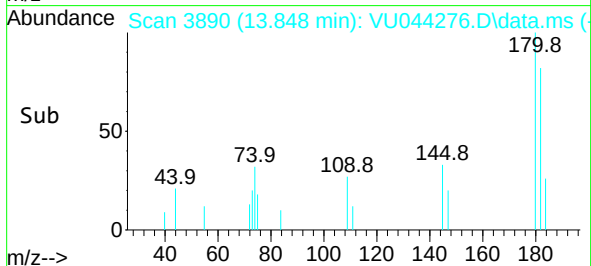
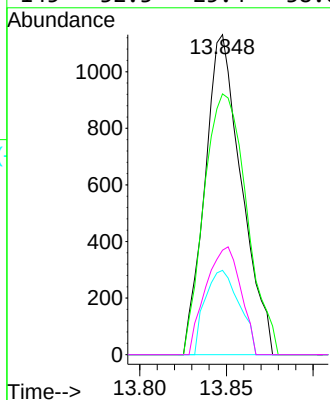


#69
 1,3,5-Trichlorobenzene
 Concen: 0.112 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.623 min
 Lab File: VU044276.D
 Acq: 01 Jul 2021 10:56

Instrument :
 MSVOA_U
 ClientSampled :

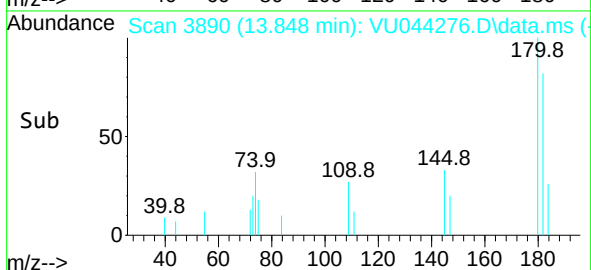
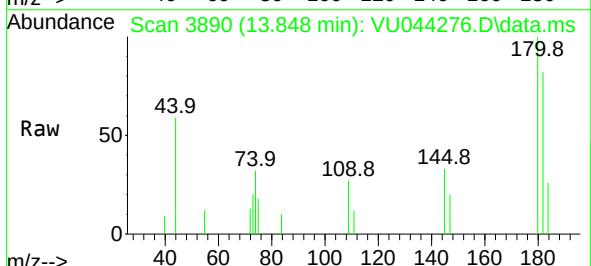
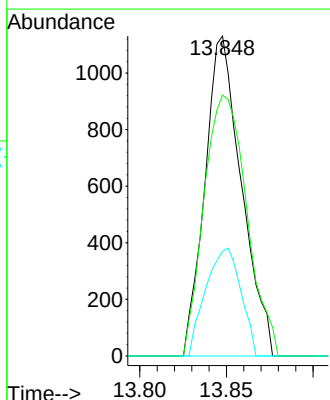


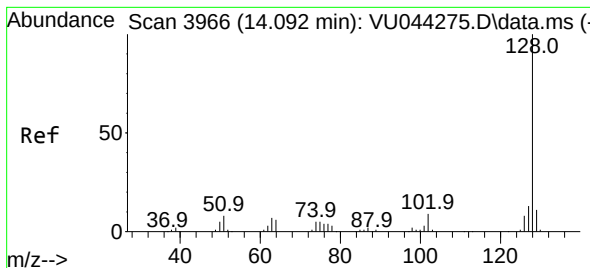
Tgt Ion:180 Resp: 1656
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.8 113.6
 184 24.6 23.8 35.8
 145 32.3 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 0.133 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.003 min
 Lab File: VU044276.D
 Acq: 01 Jul 2021 10:56

Tgt Ion:180 Resp: 1656
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.7 113.5
 145 32.3 25.6 38.4

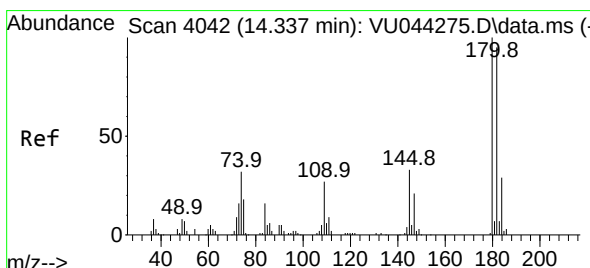
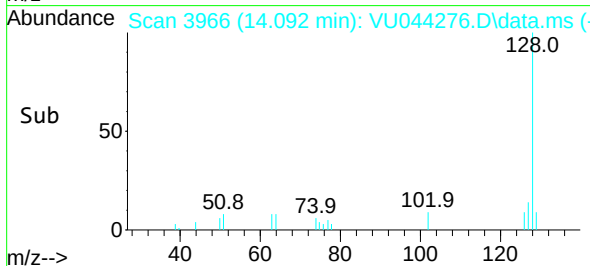
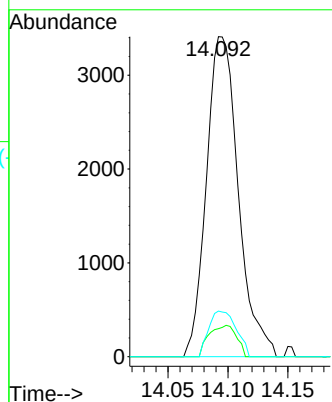
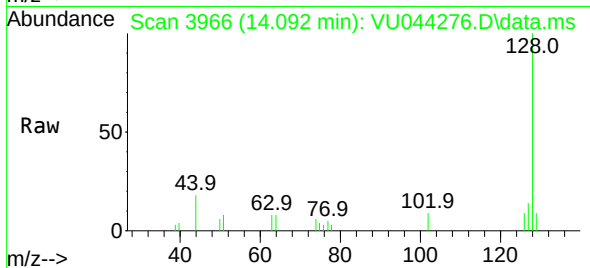




#71
Naphthalene
Concen: 0.279 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044276.D
Acq: 01 Jul 2021 10:56

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 6315
Ion Ratio Lower Upper
128 100
129 8.4 8.9 13.3#
127 12.3 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 0.184 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU044276.D
Acq: 01 Jul 2021 10:56

Tgt Ion:180 Resp: 1986
Ion Ratio Lower Upper
180 100
182 95.3 76.4 114.6
145 31.2 26.5 39.7

