

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
 Data File : VU044257.D
 Acq On : 30 Jun 2021 10:42
 Operator : SY/MD
 Sample : VU0630WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 02:37:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 01 02:36:13 2021
 Response via : Initial Calibration

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

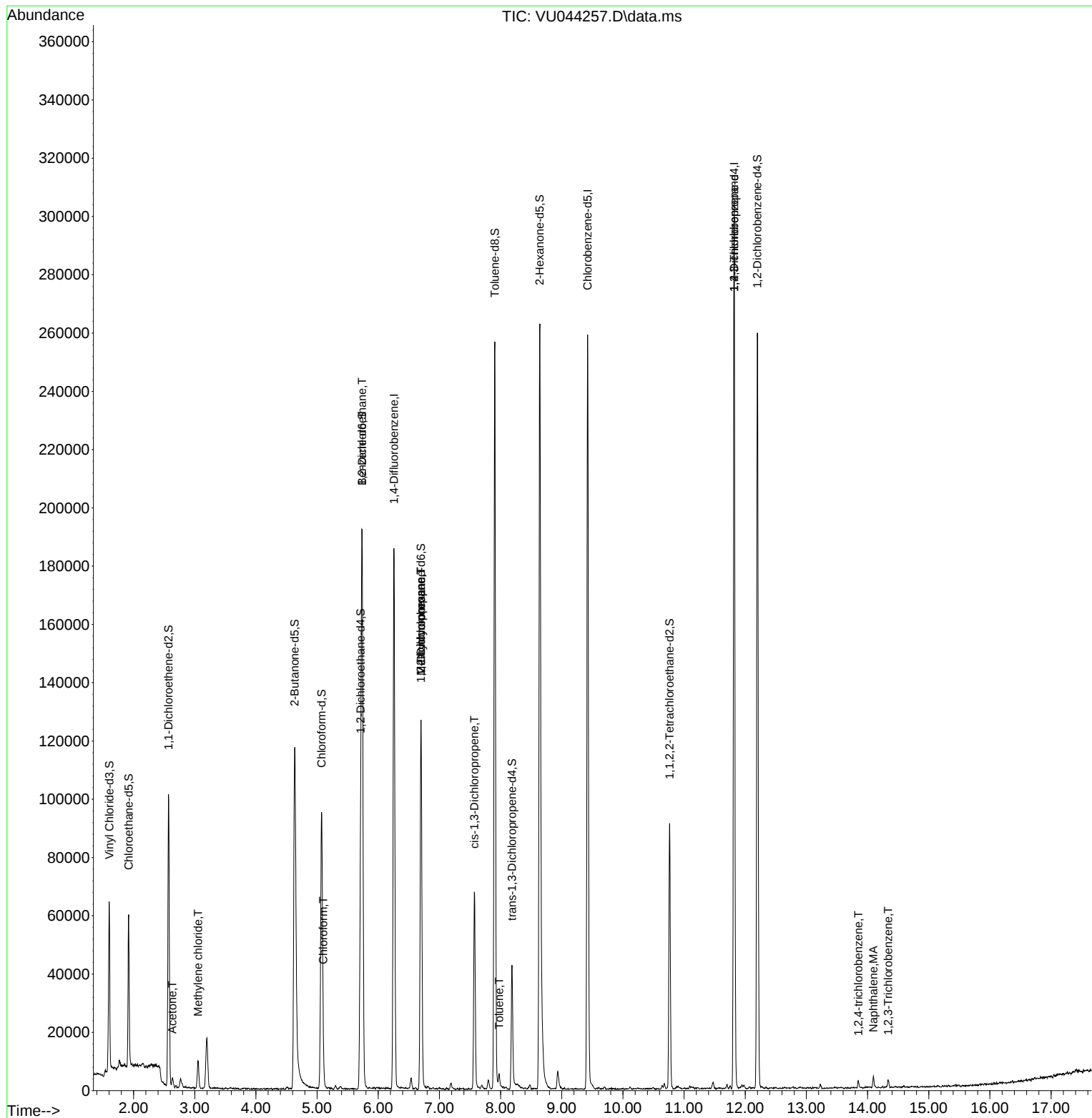
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	149049	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	143281	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	78356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	36498	4.523	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.919	69	38275	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.572	65	18801	4.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.633	46	126228	42.477	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.960%
24) Chloroform-d	5.073	84	84668	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.713	65	49662	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.735	84	175275	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.700	67	56939	4.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.906	98	163257	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	8.185	79	23803	4.450	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.639	63	109261	42.884	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.760%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	44521	4.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	67507	5.229	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						Qvalue
13) Acetone	2.636	43	3278	2.467	ug/L	90
16) Methylene chloride	3.054	84	4431	0.382	ug/L	94
25) Chloroform	5.099	83	5676	0.304	ug/L	98
27) 1,2-Dichloroethane	5.735	62	949	0.076	ug/L #	76
35) Methylcyclohexane	6.700	83	14086	0.838	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	6399	0.645	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1837	0.113	ug/L #	79
42) Toluene	7.976	91	2890	0.070	ug/L	99
61) 1,2,3-Trichloropropane	11.819	75	9674	1.368	ug/L #	67
70) 1,2,4-trichlorobenzene	13.848	180	1022	0.074	ug/L #	96
71) Naphthalene	14.095	128	3569	0.142	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.336	180	1020	0.085	ug/L #	85

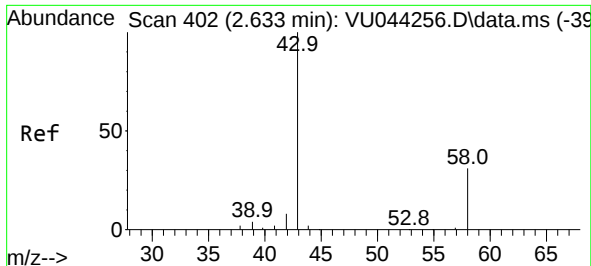
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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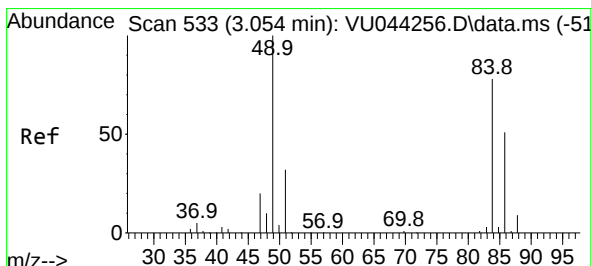
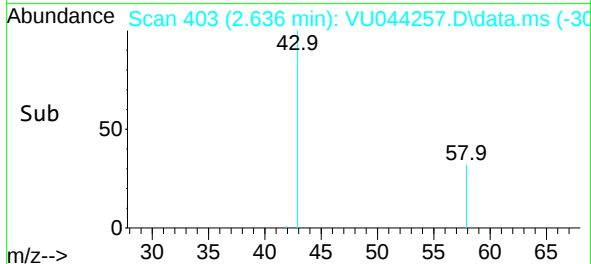
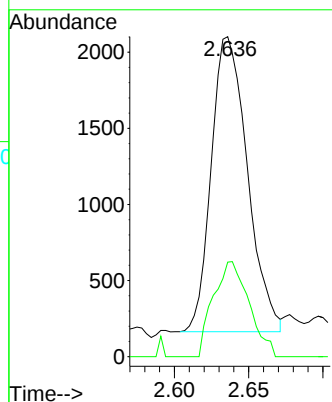
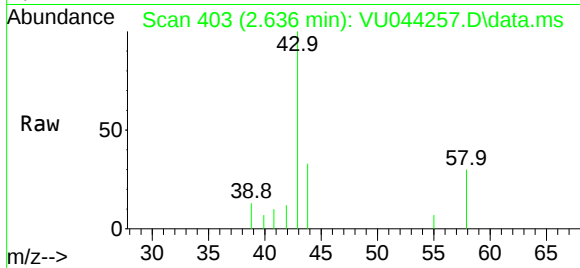




#13
Acetone
Concen: 2.467 ug/L
RT: 2.636 min Scan# 403
Delta R.T. 0.003 min
Lab File: VU044257.D
Acq: 30 Jun 2021 10:42

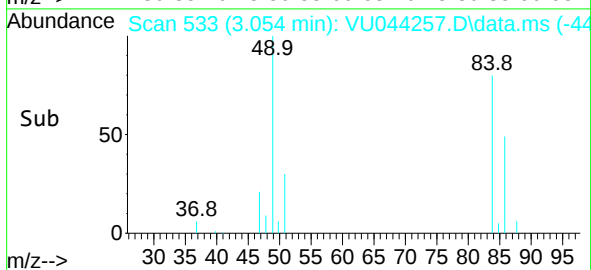
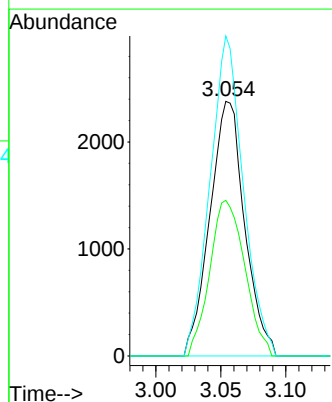
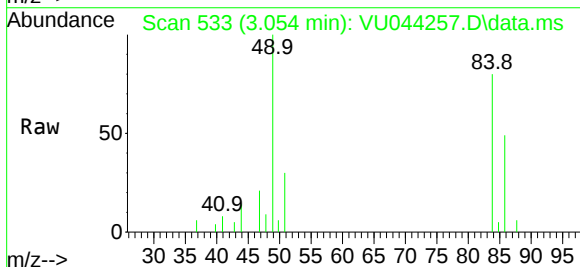
Instrument :
MSVOA_U
ClientSampled :

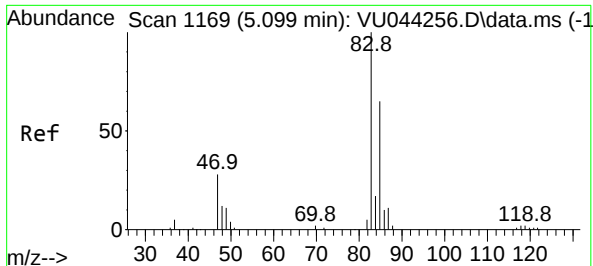
Tgt Ion: 43 Resp: 3278
Ion Ratio Lower Upper
43 100
58 31.8 0.0 53.8



#16
Methylene chloride
Concen: 0.382 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044257.D
Acq: 30 Jun 2021 10:42

Tgt Ion: 84 Resp: 4431
Ion Ratio Lower Upper
84 100
86 61.1 46.1 85.5
49 133.1 88.4 164.2



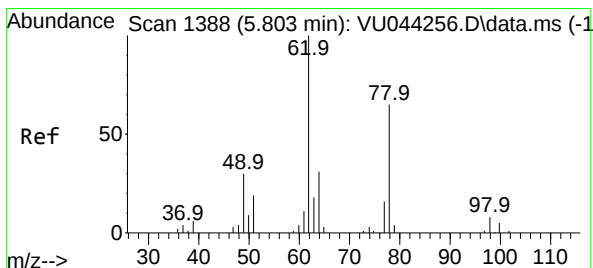
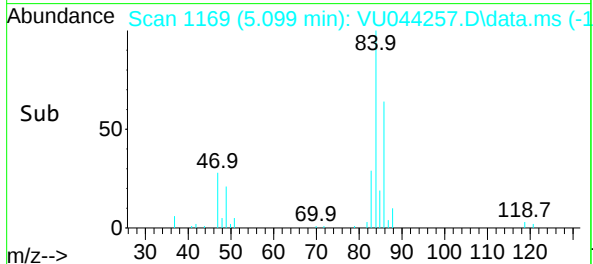
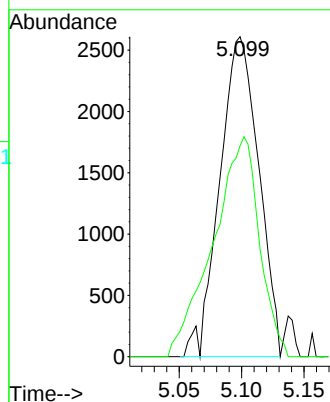
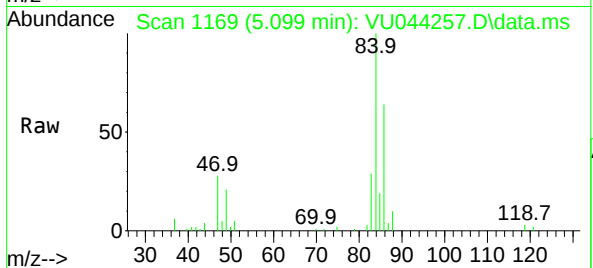


#25

Chloroform
Concen: 0.304 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU044257.D
Acq: 30 Jun 2021 10:42

Instrument :
MSVOA_U
ClientSampled :

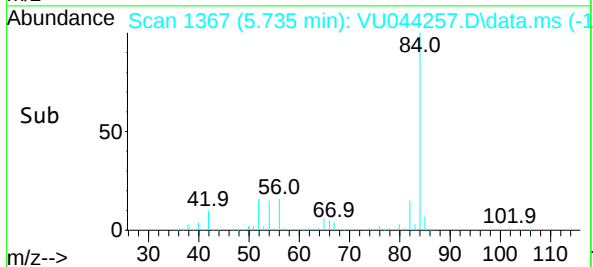
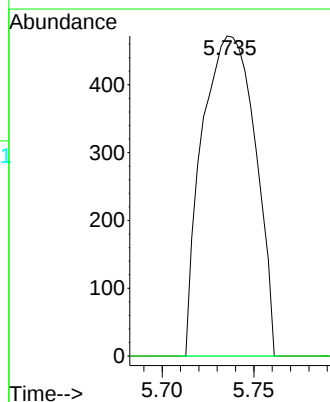
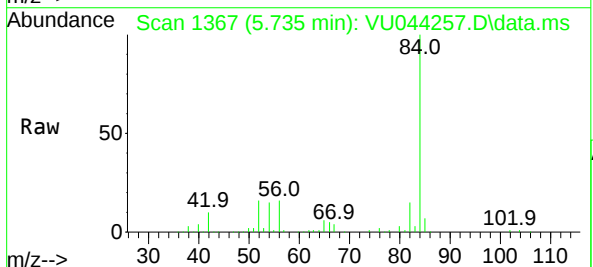
Tgt Ion: 83 Resp: 5676
Ion Ratio Lower Upper
83 100
85 65.9 45.2 84.0

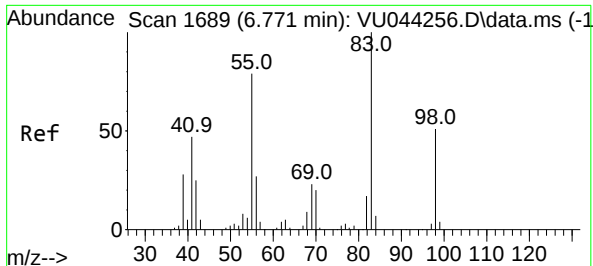


#27

1,2-Dichloroethane
Concen: 0.076 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU044257.D
Acq: 30 Jun 2021 10:42

Tgt Ion: 62 Resp: 949
Ion Ratio Lower Upper
62 100
98 0.0 6.8 10.2#

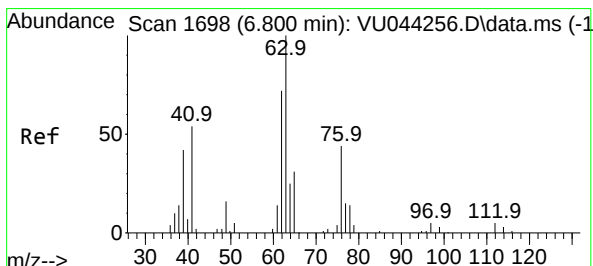
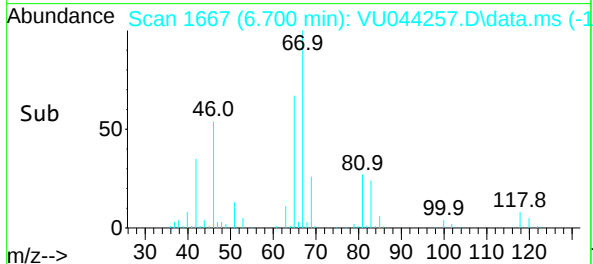
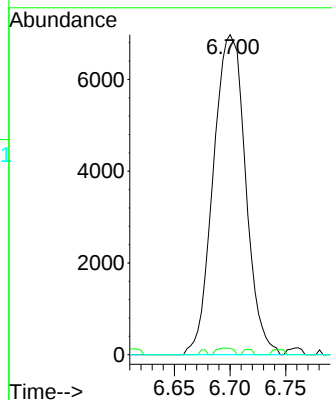
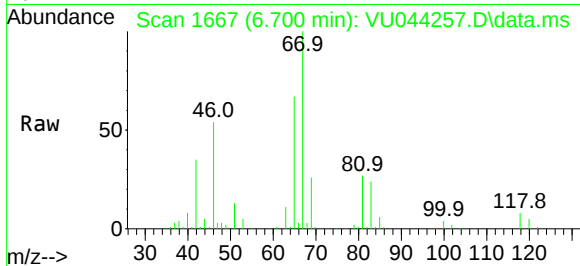




#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU044257.D
Acq: 30 Jun 2021 10:42

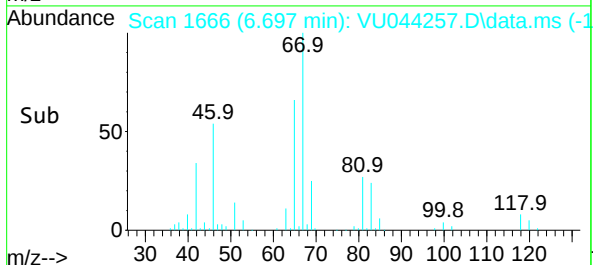
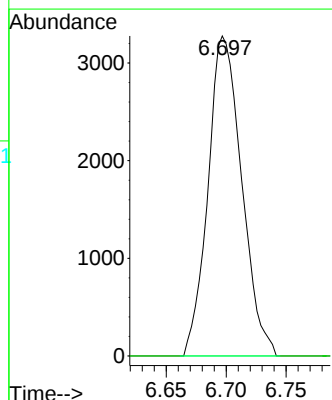
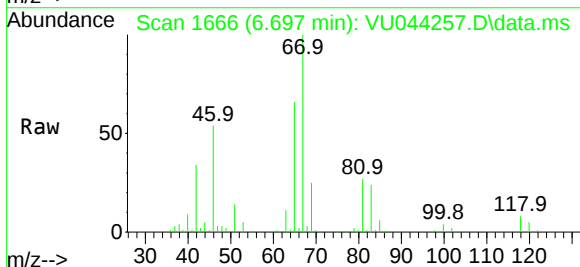
Instrument :
MSVOA_U
ClientSampled :

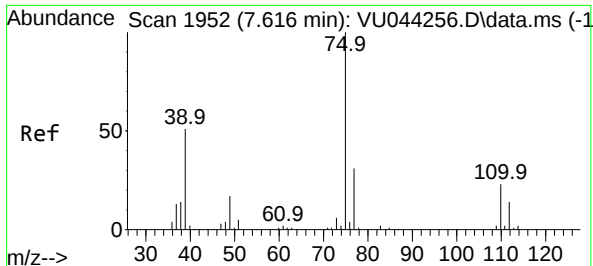
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.0	63.4	95.0#
98	0.0	39.4	59.0#



#37
1,2-Dichloropropane
Concen: 0.645 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU044257.D
Acq: 30 Jun 2021 10:42

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



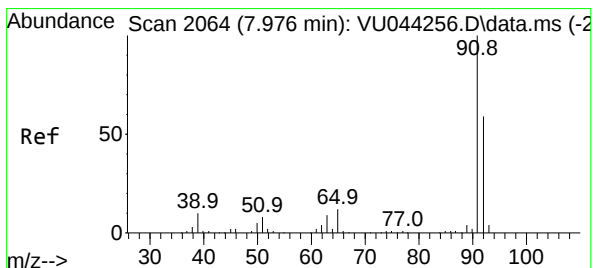
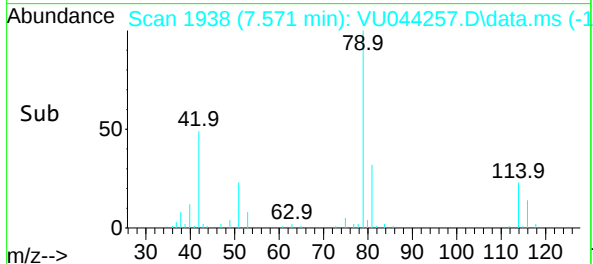
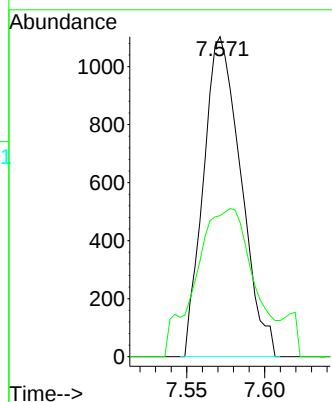
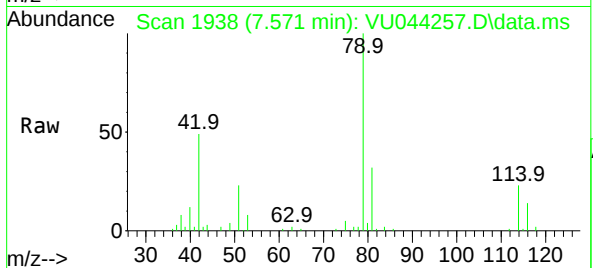


#39

cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU044257.D
Acq: 30 Jun 2021 10:42

Instrument :
MSVOA_U
ClientSampled :

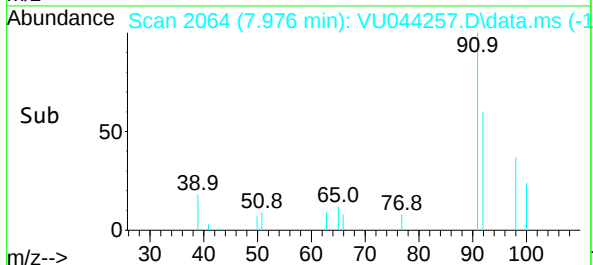
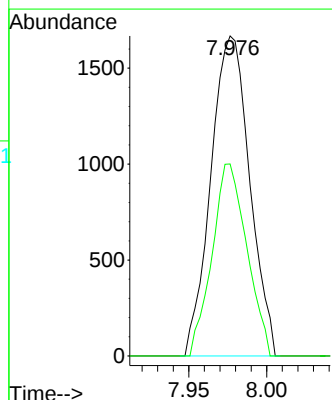
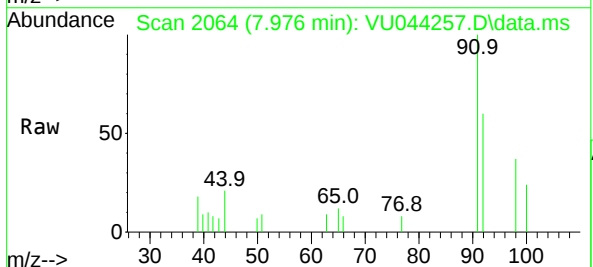
Tgt Ion: 75 Resp: 1837
Ion Ratio Lower Upper
75 100
77 44.1 22.5 41.7#

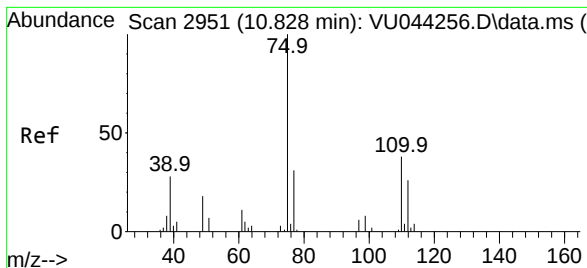


#42

Toluene
Concen: 0.070 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044257.D
Acq: 30 Jun 2021 10:42

Tgt Ion: 91 Resp: 2890
Ion Ratio Lower Upper
91 100
92 60.0 41.2 76.6

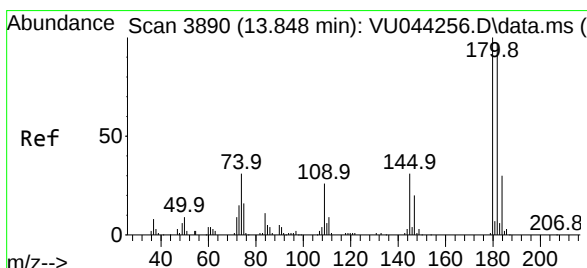
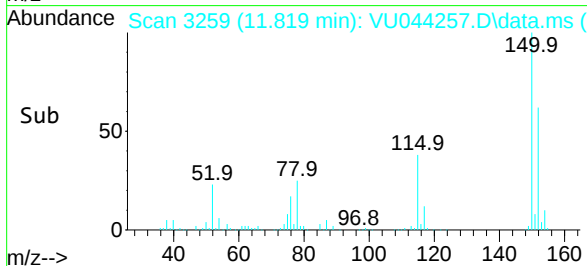
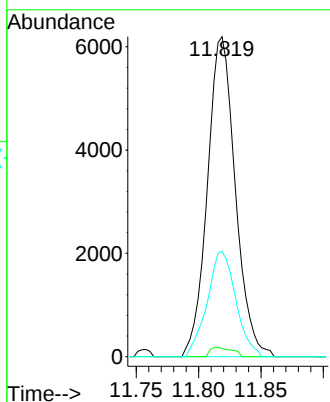
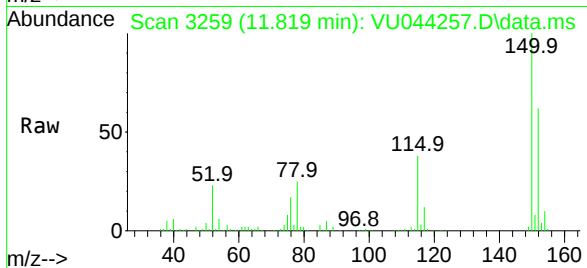




#61
1,2,3-Trichloropropane
Concen: 1.368 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU044257.D
Acq: 30 Jun 2021 10:42

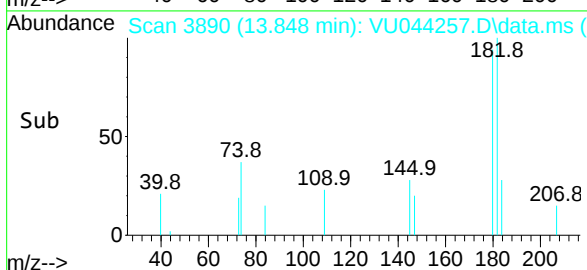
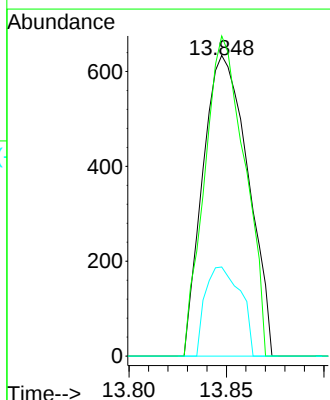
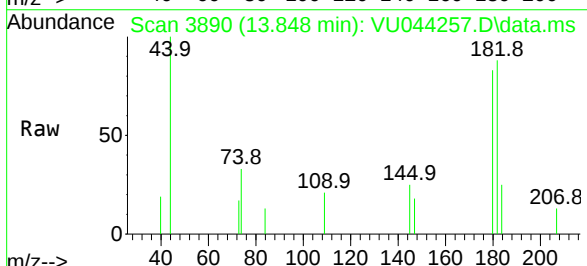
Instrument :
MSVOA_U
ClientSampleId :

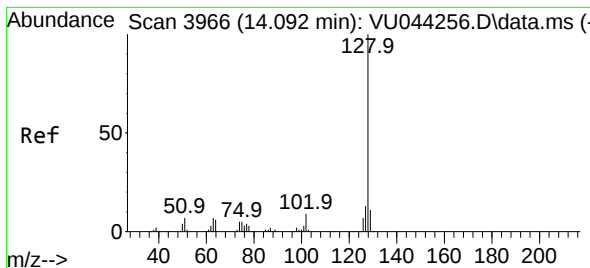
Tgt Ion: 75 Resp: 9674
Ion Ratio Lower Upper
75 100
110 2.3 30.5 45.7#
77 33.7 26.1 39.1



#70
1,2,4-trichlorobenzene
Concen: 0.074 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU044257.D
Acq: 30 Jun 2021 10:42

Tgt Ion:180 Resp: 1022
Ion Ratio Lower Upper
180 100
182 94.5 75.7 113.5
145 23.0 25.6 38.4#

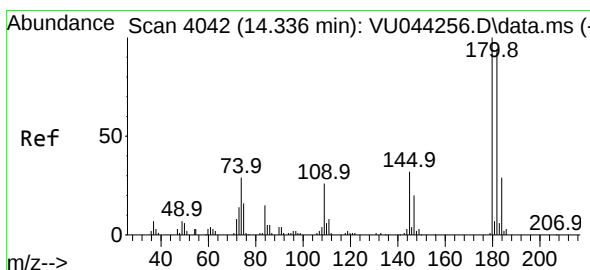
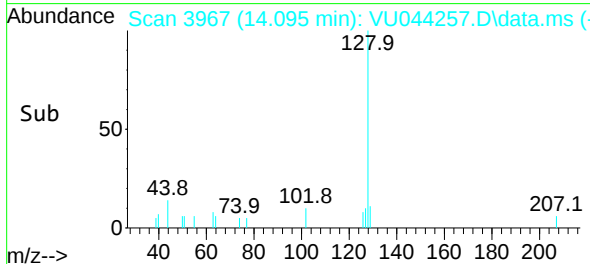
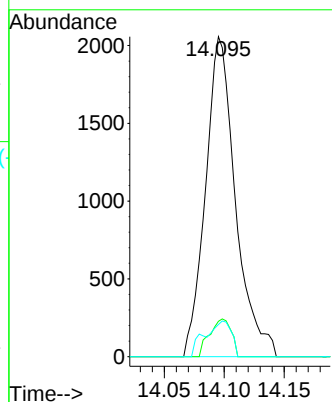
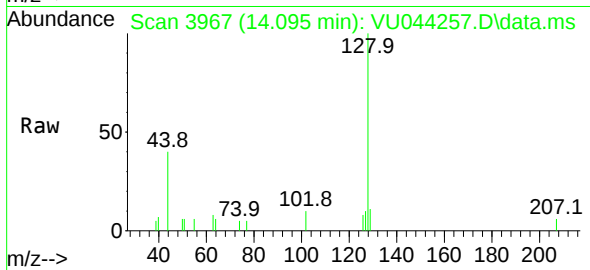




#71
Naphthalene
Concen: 0.142 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044257.D
Acq: 30 Jun 2021 10:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 3569
Ion Ratio Lower Upper
128 100
129 8.5 8.9 13.3#
127 9.8 10.3 15.5#



#72
1,2,3-Trichlorobenzene
Concen: 0.085 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044257.D
Acq: 30 Jun 2021 10:42

Tgt Ion:180 Resp: 1020
Ion Ratio Lower Upper
180 100
182 107.5 76.4 114.6
145 20.9 26.5 39.7#

