

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
 Data File : VU044754.D
 Acq On : 22 Sep 2021 13:22
 Operator : SY/MD
 Sample : M3739-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 23 03:03:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 23 02:59:45 2021
 Response via : Initial Calibration

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

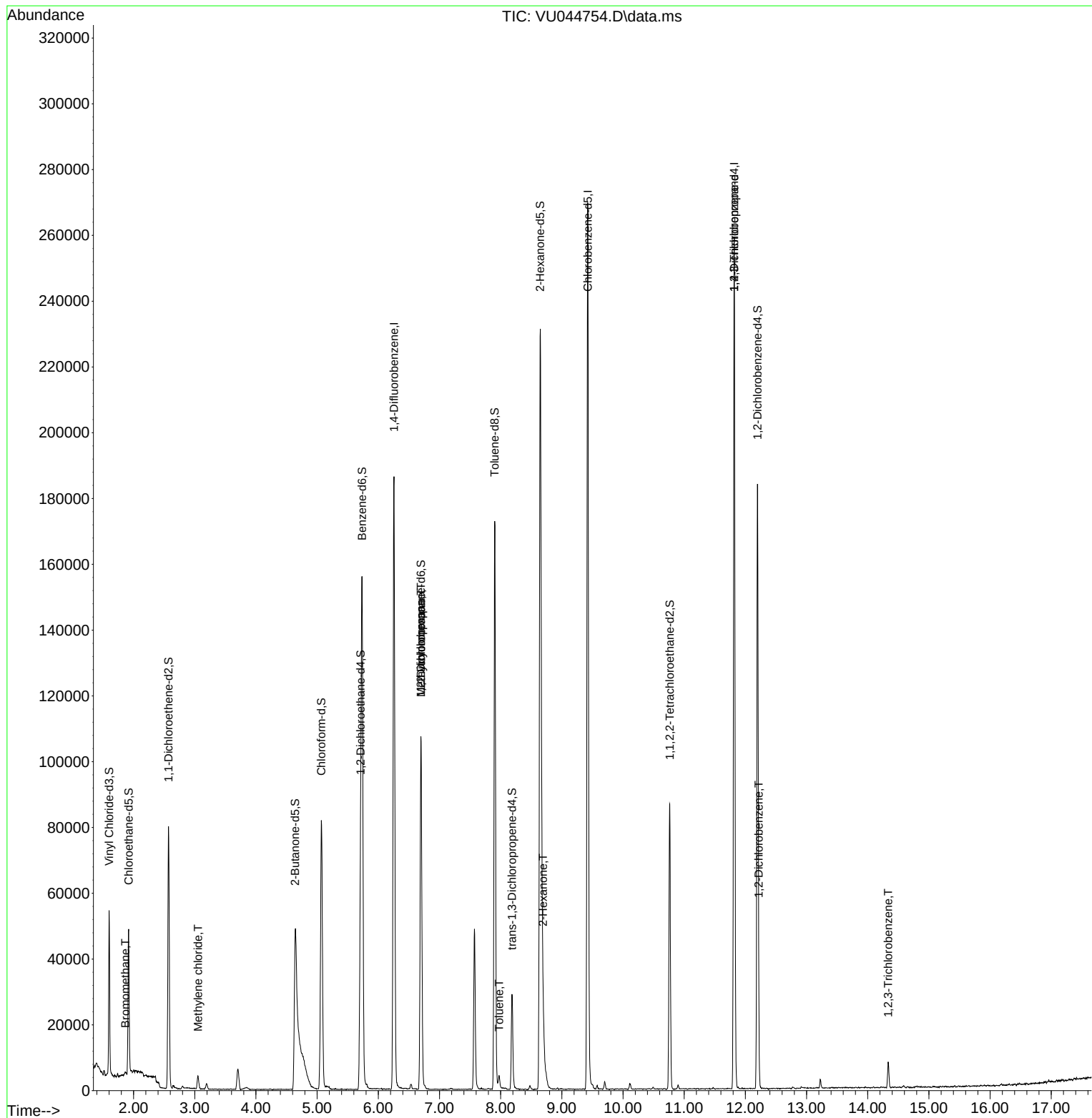
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	140912	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	141788	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	64661	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33625	4.044	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.919	69	31801	3.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.572	65	15533	3.699	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.642	46	112182	32.187	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.380%
24) Chloroform-d	5.070	84	72937	4.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.710	65	44240	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.735	84	137326	3.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.697	67	49962	4.208	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.903	98	110644	3.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	8.185	79	17213	4.113	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.645	63	106623	39.638	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.280%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	43838	4.164	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	44996	4.217	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
6) Bromomethane	1.864	94	491	0.070	ug/L	89
16) Methylene chloride	3.054	84	1837	0.128	ug/L	92
35) Methylcyclohexane	6.700	83	11200	0.654	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5612	0.498	ug/L #	88
42) Toluene	7.976	91	2837	0.065	ug/L	94
48) 2-Hexanone	8.690	43	6489	0.993	ug/L #	96
61) 1,2,3-Trichloropropane	11.816	75	9453	1.323	ug/L #	67
67) 1,2-Dichlorobenzene	12.217	146	2064	0.115	ug/L #	92
72) 1,2,3-Trichlorobenzene	14.336	180	2782	0.250	ug/L	99

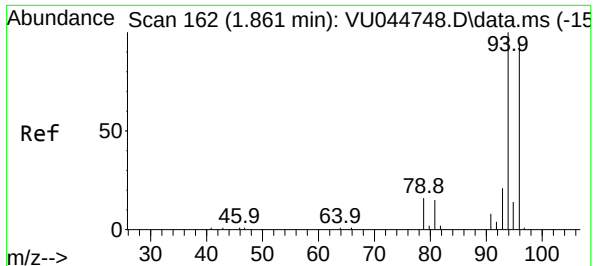
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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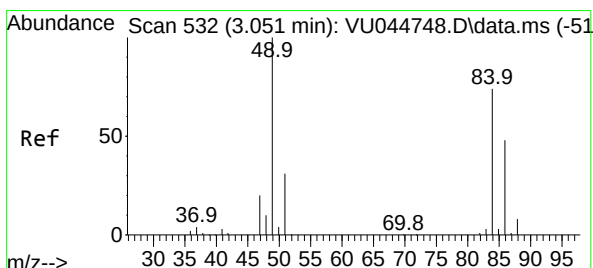
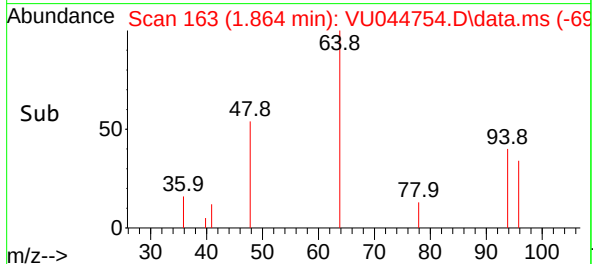
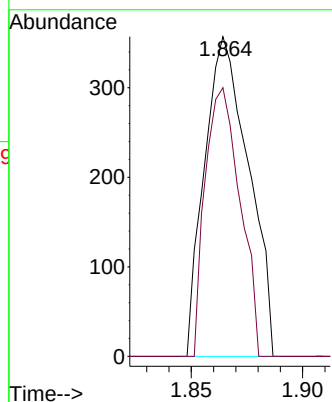
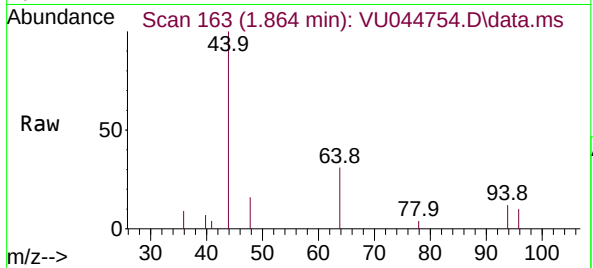




#6
Bromomethane
Concen: 0.070 ug/L
RT: 1.864 min Scan# 163
Delta R.T. 0.003 min
Lab File: VU044754.D
Acq: 22 Sep 2021 13:22

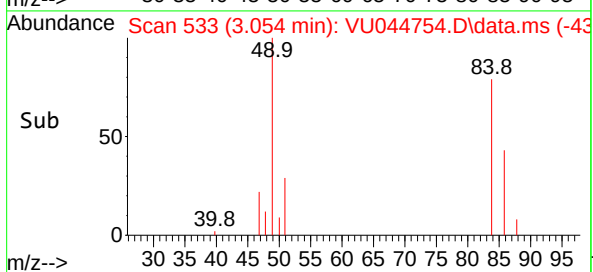
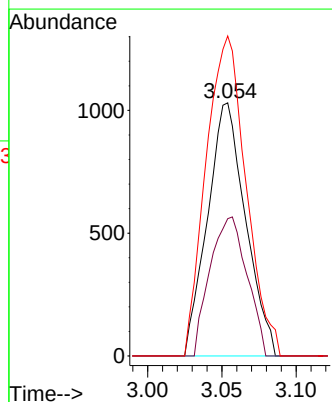
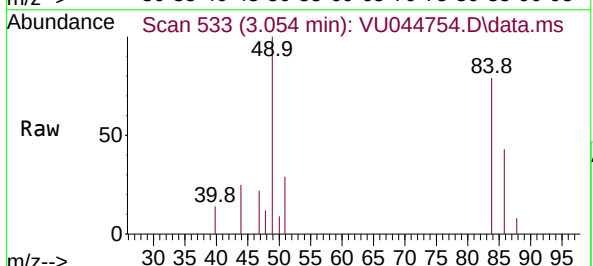
Instrument :
MSVOA_U
ClientSampleId :

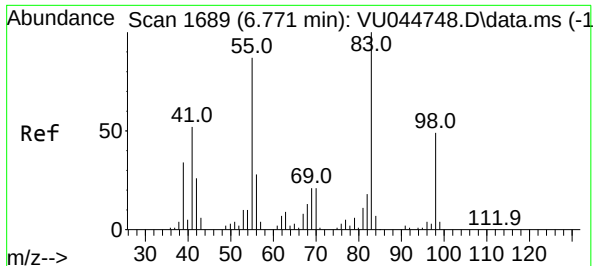
Tgt Ion: 94 Resp: 491
Ion Ratio Lower Upper
94 100
96 84.0 66.4 123.4



#16
Methylene chloride
Concen: 0.128 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044754.D
Acq: 22 Sep 2021 13:22

Tgt Ion: 84 Resp: 1837
Ion Ratio Lower Upper
84 100
86 54.2 45.8 85.2
49 126.4 92.9 172.5

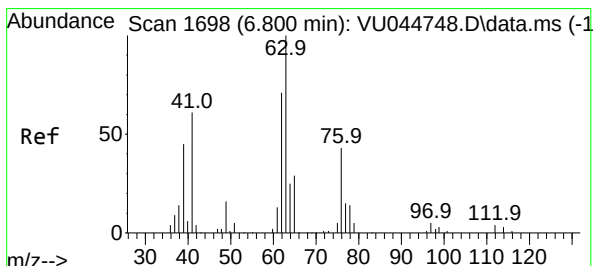
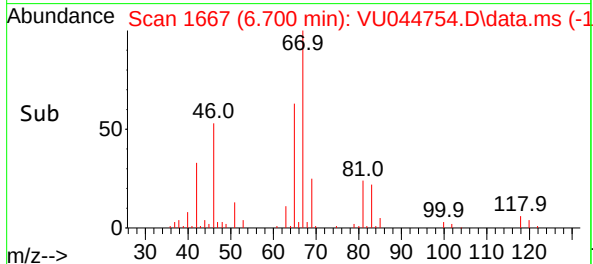
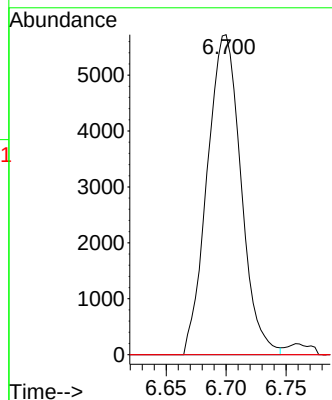
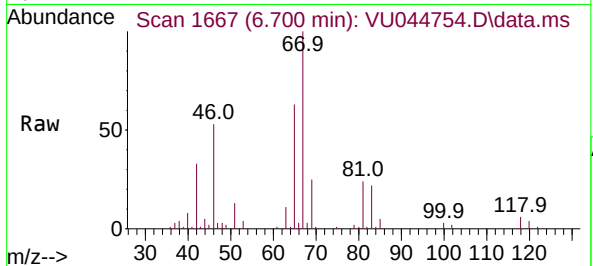




#35
Methylcyclohexane
Concen: 0.654 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU044754.D
Acq: 22 Sep 2021 13:22

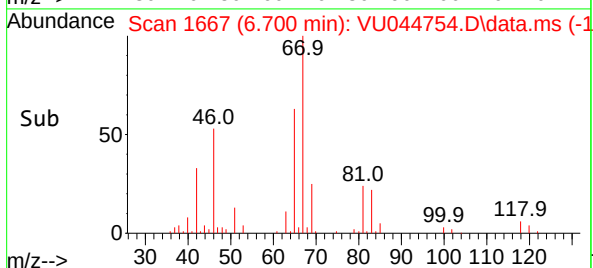
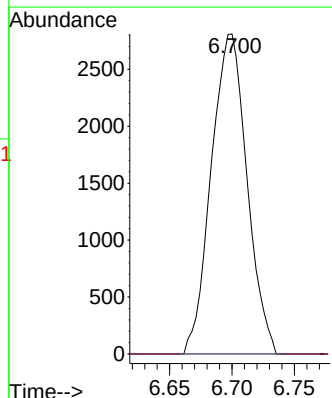
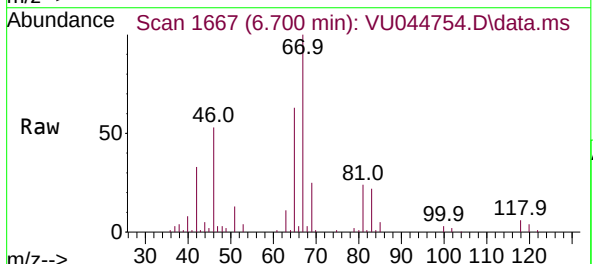
Instrument :
MSVOA_U
ClientSampled :

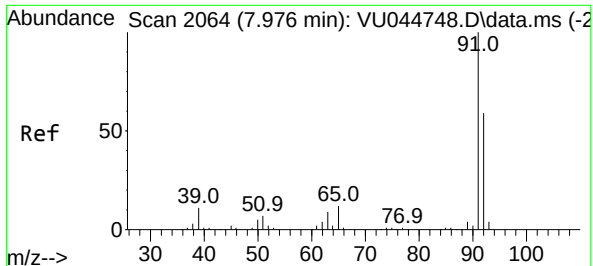
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.3	102.5#
98	0.5	37.3	55.9#



#37
1,2-Dichloropropane
Concen: 0.498 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU044754.D
Acq: 22 Sep 2021 13:22

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

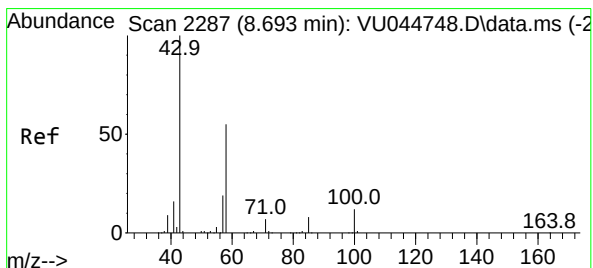
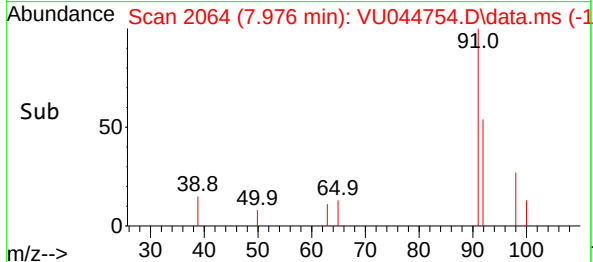
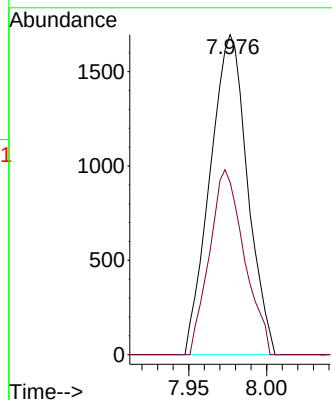
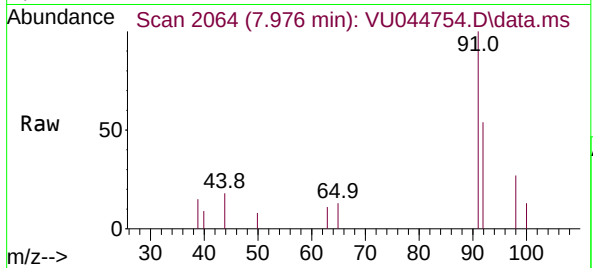




#42
Toluene
Concen: 0.065 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044754.D
Acq: 22 Sep 2021 13:22

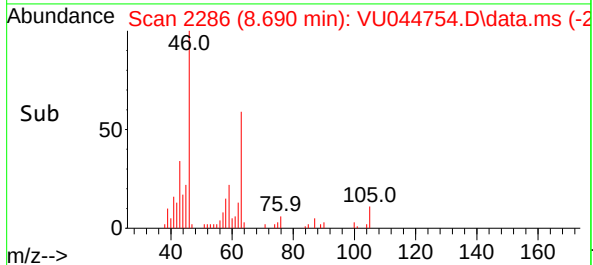
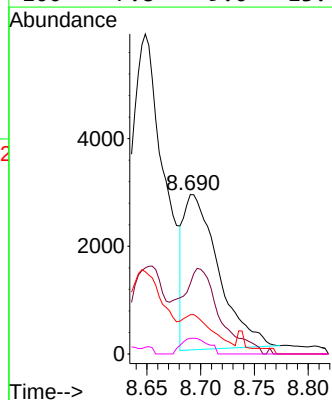
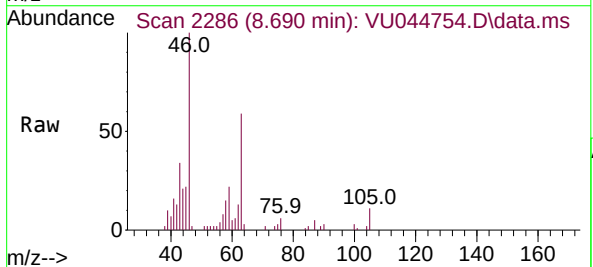
Instrument :
MSVOA_U
ClientSampled :

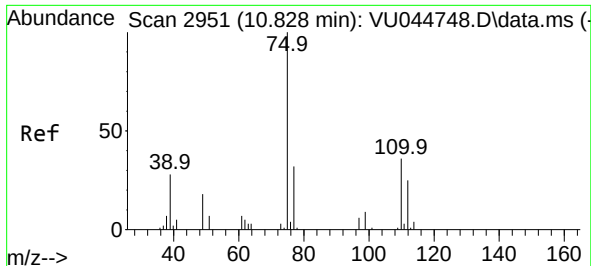
Tgt Ion: 91 Resp: 2837
Ion Ratio Lower Upper
91 100
92 53.9 41.1 76.3



#48
2-Hexanone
Concen: 0.993 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU044754.D
Acq: 22 Sep 2021 13:22

Tgt Ion: 43 Resp: 6489
Ion Ratio Lower Upper
43 100
58 53.0 44.6 66.8
57 19.0 14.8 22.2
100 7.8 9.0 13.4#

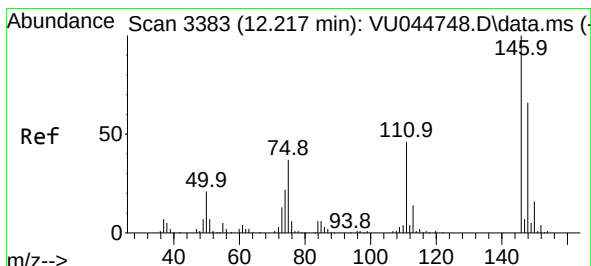
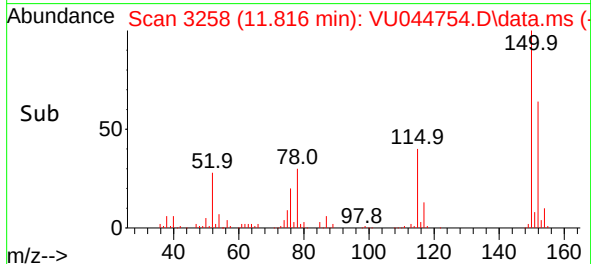
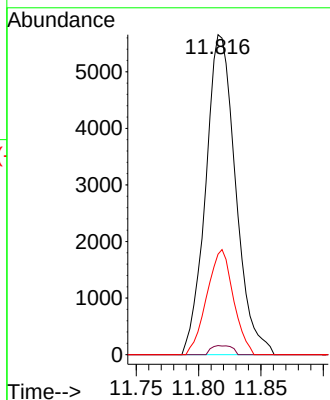
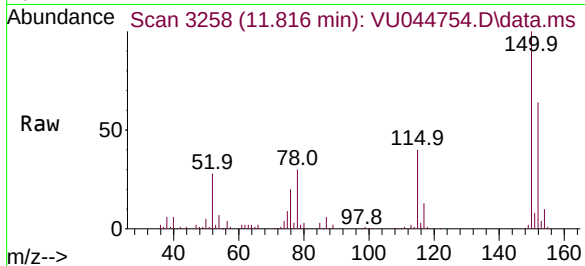




#61
1,2,3-Trichloropropane
Concen: 1.323 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044754.D
Acq: 22 Sep 2021 13:22

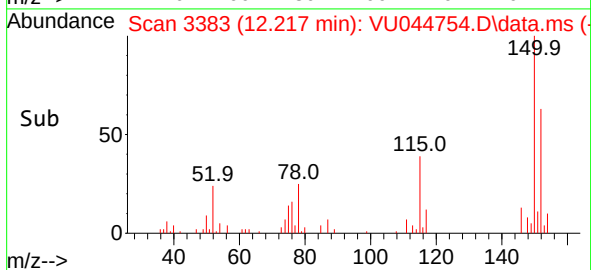
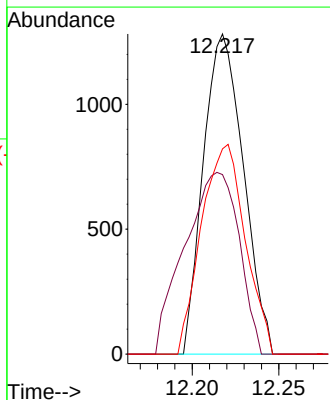
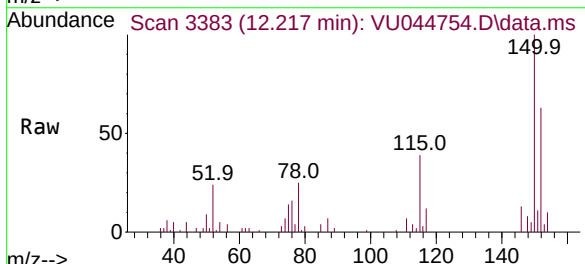
Instrument :
MSVOA_U
ClientSampleId :

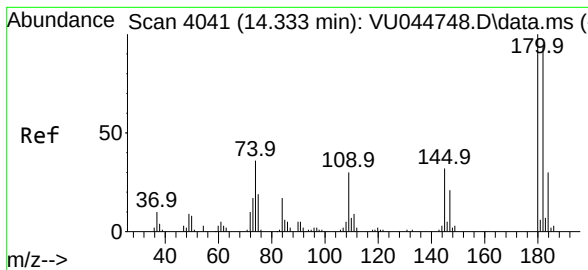
Tgt Ion: 75 Resp: 9453
Ion Ratio Lower Upper
75 100
110 2.0 28.8 43.2#
77 29.1 25.9 38.9



#67
1,2-Dichlorobenzene
Concen: 0.115 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044754.D
Acq: 22 Sep 2021 13:22

Tgt Ion: 146 Resp: 2064
Ion Ratio Lower Upper
146 100
111 56.1 34.6 51.8#
148 64.1 51.3 76.9





#72
 1,2,3-Trichlorobenzene
 Concen: 0.250 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: VU044754.D
 Acq: 22 Sep 2021 13:22

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 2782
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.9 113.9
 145 32.6 27.0 40.6

