

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043631.D
 Acq On : 10 May 2021 12:18
 Operator : SY/MD
 Sample : M2308-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 03:58:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 03:58:06 2021
 Response via : Initial Calibration

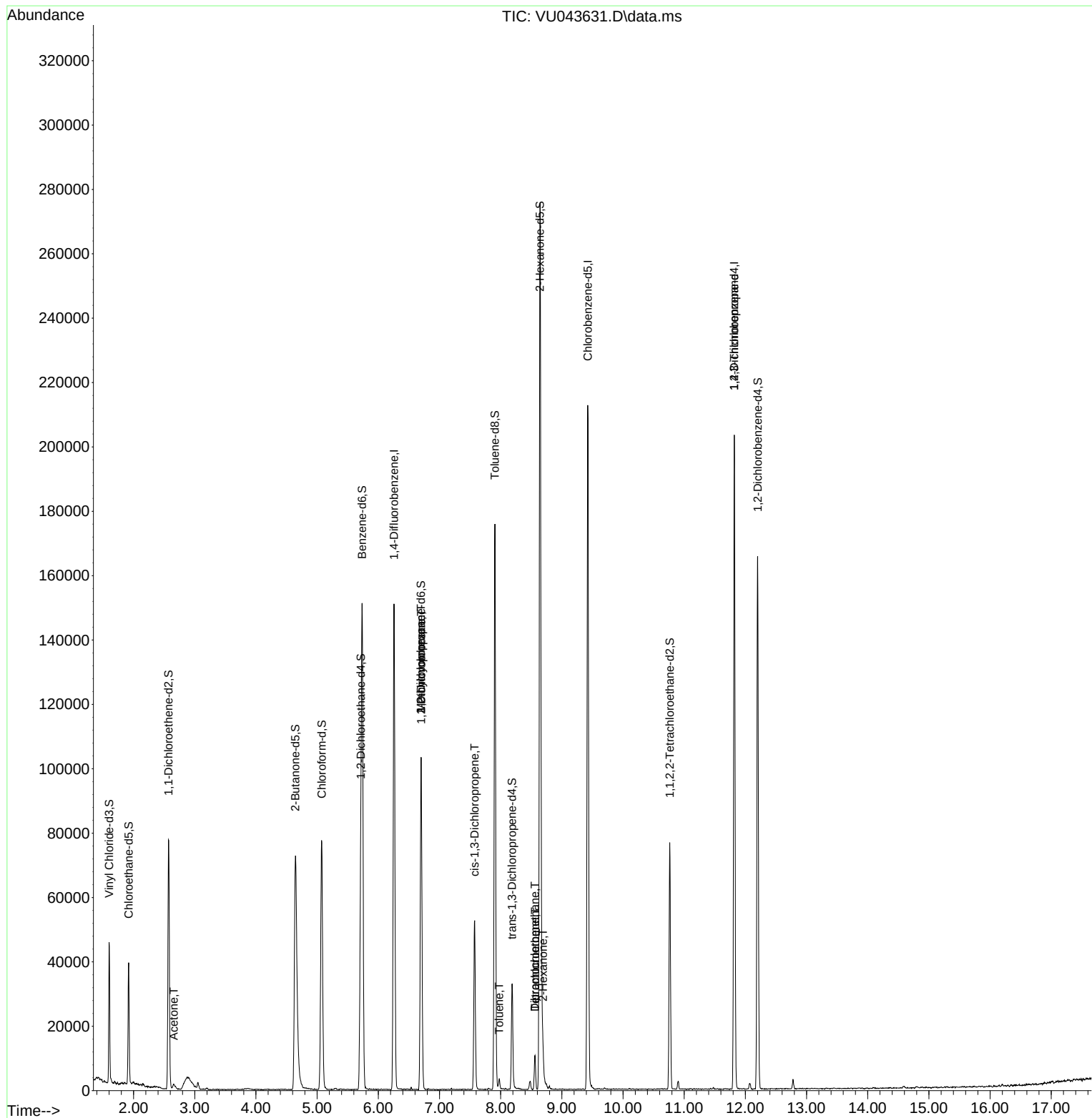
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110385	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	106194	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	49696	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29480	3.32	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.40%	
7) Chloroethane-d5	1.919	69	24822	3.82	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.40%	
11) 1,1-Dichloroethene-d2	2.572	65	15587	3.58	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.60%	
20) 2-Butanone-d5	4.646	46	141780	51.45	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.90%	
24) Chloroform-d	5.076	84	67439	3.97	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.40%	
26) 1,2-Dichloroethane-d4	5.713	65	42186	4.12	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.40%	
32) Benzene-d6	5.736	84	124022	4.32	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.40%	
36) 1,2-Dichloropropane-d6	6.700	67	45854	4.55	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.00%	
41) Toluene-d8	7.906	98	106511	4.04	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.80%	
43) trans-1,3-Dichloroprop...	8.186	79	16599	4.08	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.60%	
46) 2-Hexanone-d5	8.642	63	86137	50.54	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.08%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36025	4.46	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.20%	
66) 1,2-Dichlorobenzene-d4	12.201	152	39861	4.50	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.00%	
Target Compounds						
13) Acetone	2.658	43	3109	1.69	ug/L	68
35) Methylcyclohexane	6.700	83	10023	1.08	ug/L #	12
37) 1,2-Dichloropropane	6.703	63	5375	0.64	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	992	0.09	ug/L #	53
42) Toluene	7.977	91	1761	0.06	ug/L	87
47) Tetrachloroethene	8.562	164	2282	0.43	ug/L	90
48) 2-Hexanone	8.694	43	4824	0.95	ug/L #	87
49) Dibromochloromethane	8.559	129	2063	0.30	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	5859	1.17	ug/L #	65

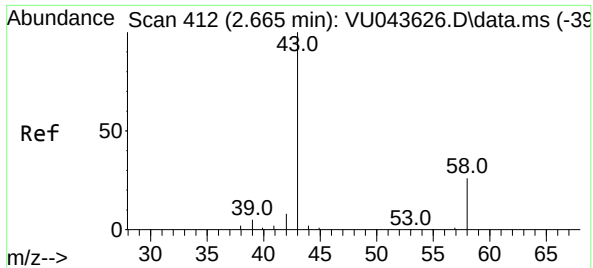
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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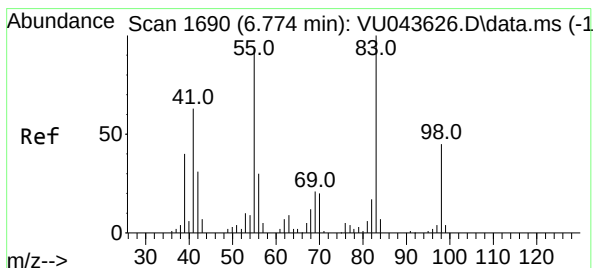
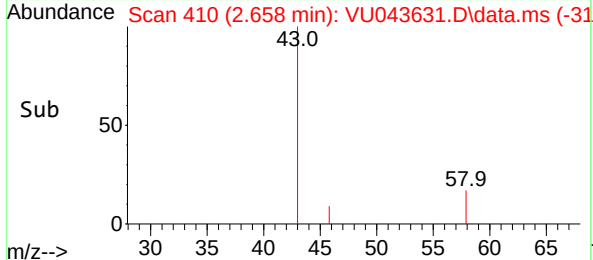
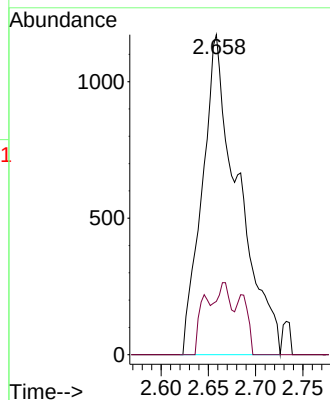
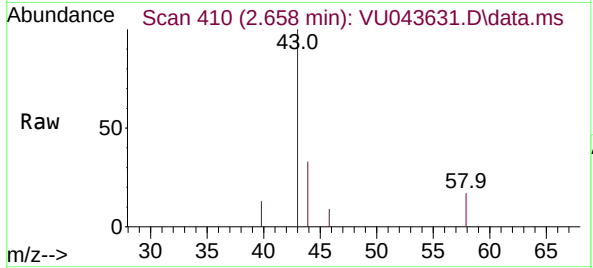




#13
Acetone
Concen: 1.69 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.006 min
Lab File: VU043631.D
Acq: 10 May 2021 12:18

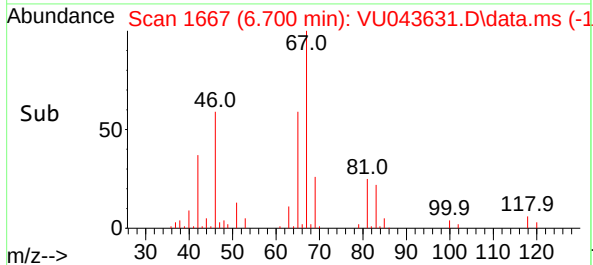
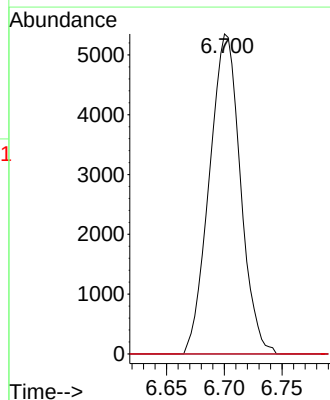
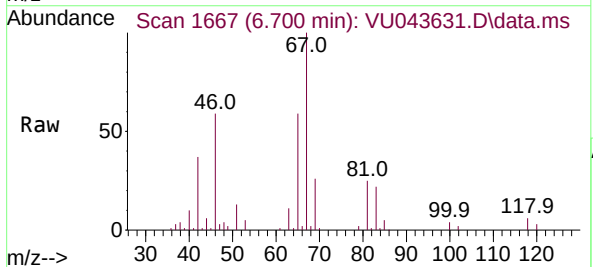
Instrument :
MSVOA_U
ClientSampled :

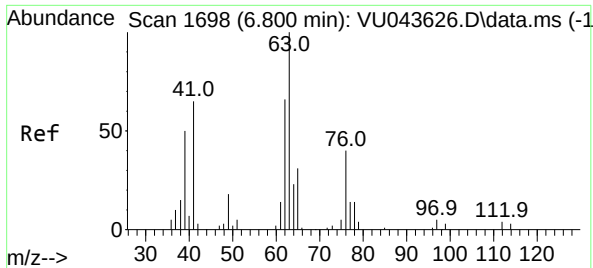
Tgt Ion: 43 Resp: 3109
Ion Ratio Lower Upper
43 100
58 9.1 0.0 50.8



#35
Methylcyclohexane
Concen: 1.08 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043631.D
Acq: 10 May 2021 12:18

Tgt Ion: 83 Resp: 10023
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.4 35.5 53.3#

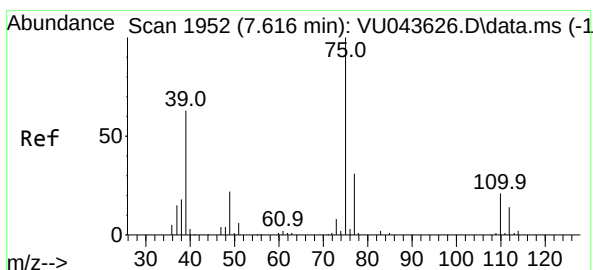
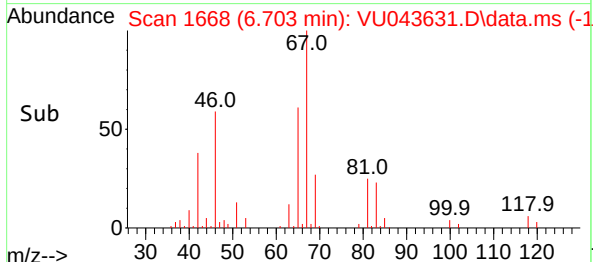
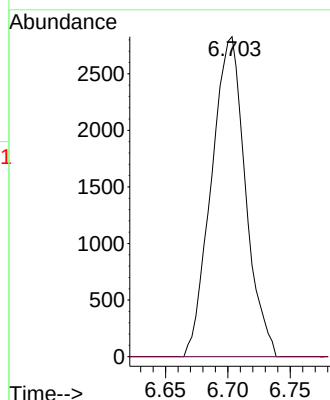
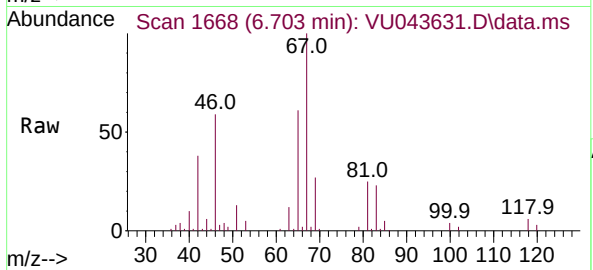




#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU043631.D
Acq: 10 May 2021 12:18

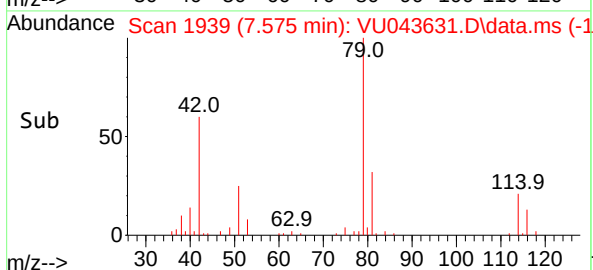
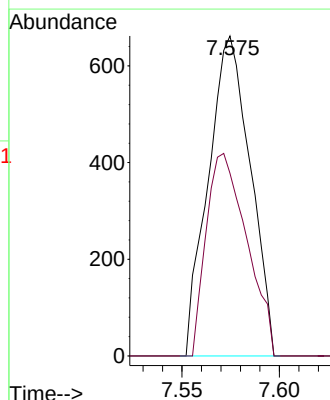
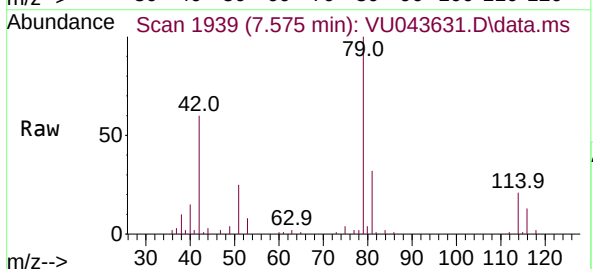
Instrument :
MSVOA_U
ClientSampled :

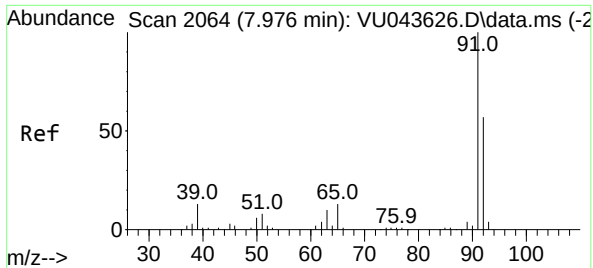
Tgt Ion: 63 Resp: 5375
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043631.D
Acq: 10 May 2021 12:18

Tgt Ion: 75 Resp: 992
Ion Ratio Lower Upper
75 100
77 57.1 21.9 40.7#

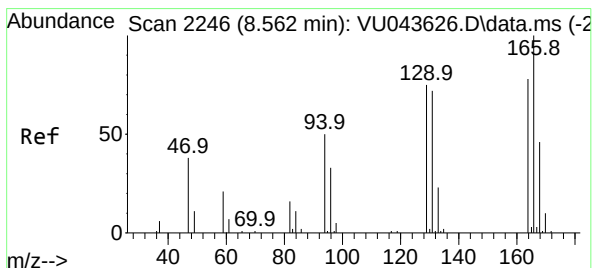
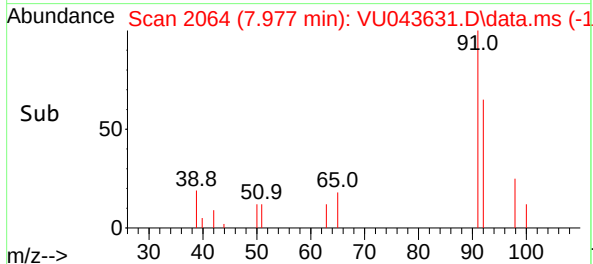
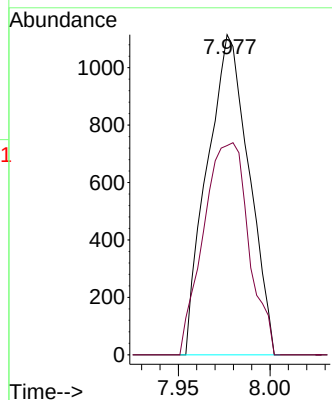
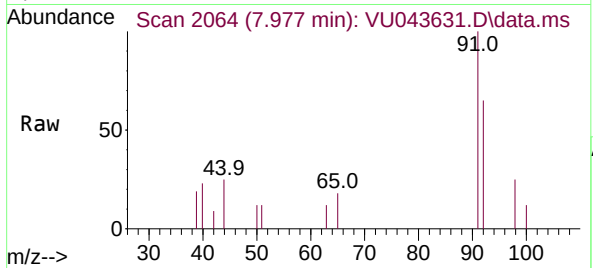




#42
Toluene
Concen: 0.06 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043631.D
Acq: 10 May 2021 12:18

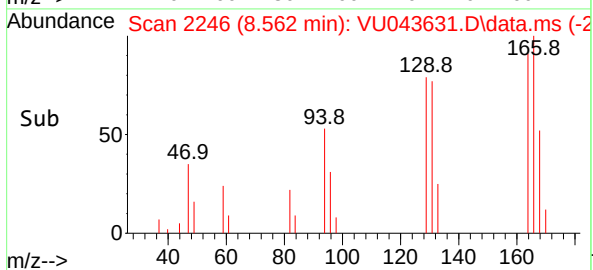
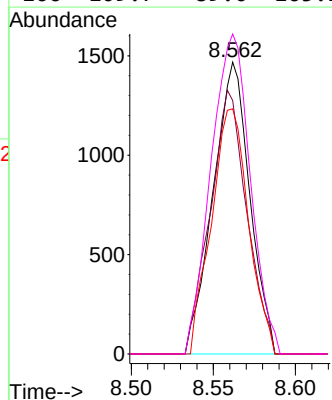
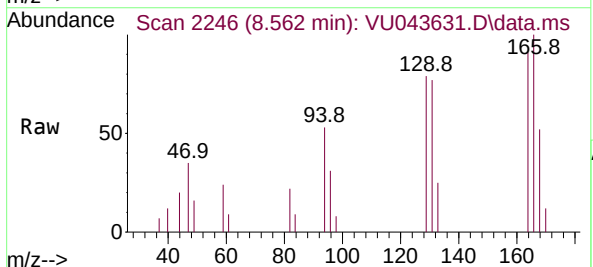
Instrument :
MSVOA_U
ClientSampled :

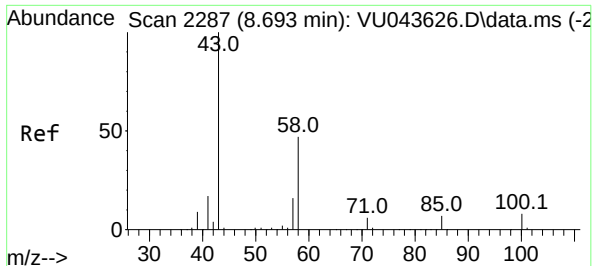
Tgt Ion: 91 Resp: 1761
Ion Ratio Lower Upper
91 100
92 65.4 39.1 72.5



#47
Tetrachloroethene
Concen: 0.43 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043631.D
Acq: 10 May 2021 12:18

Tgt Ion: 164 Resp: 2282
Ion Ratio Lower Upper
164 100
129 86.9 62.5 116.1
131 84.0 64.9 120.5
166 109.7 89.0 165.2

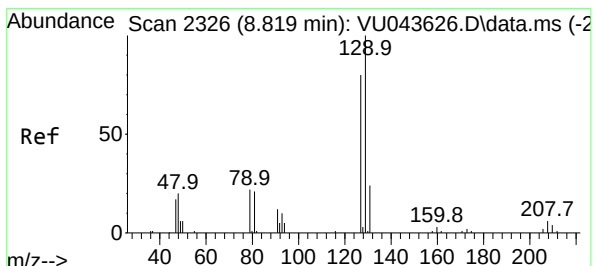
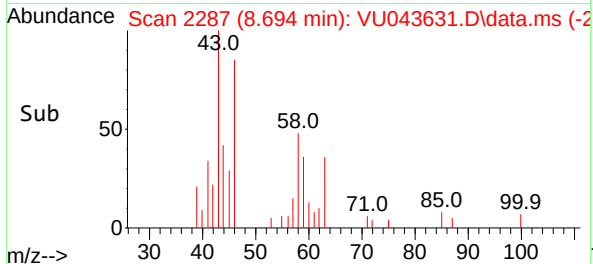
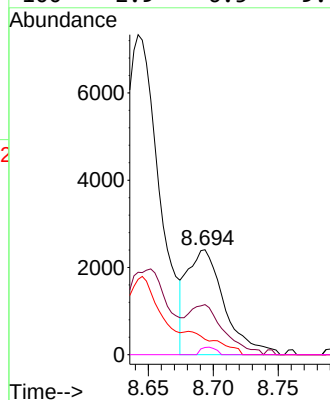
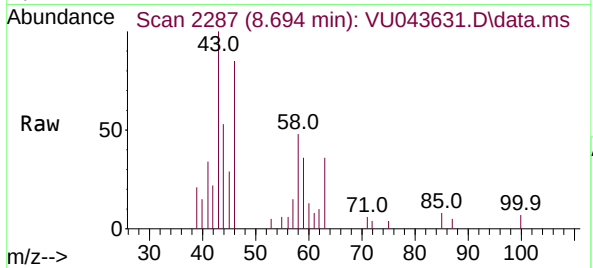




#48
2-Hexanone
Concen: 0.95 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043631.D
Acq: 10 May 2021 12:18

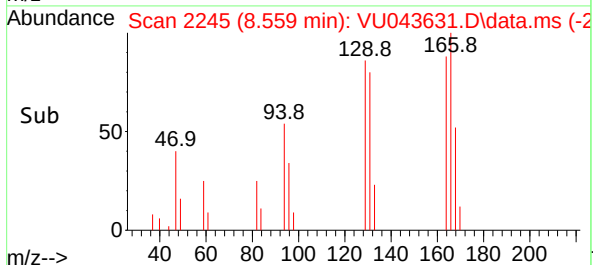
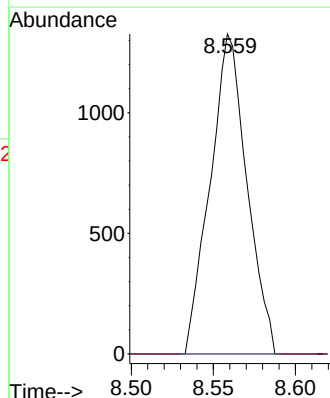
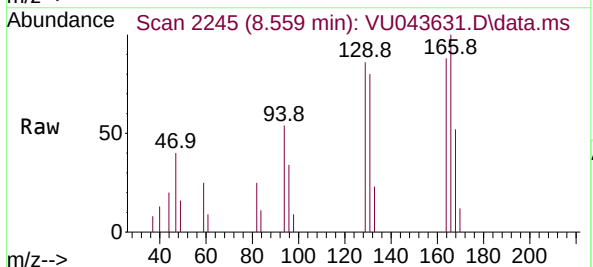
Instrument :
MSVOA_U
ClientSampleId :

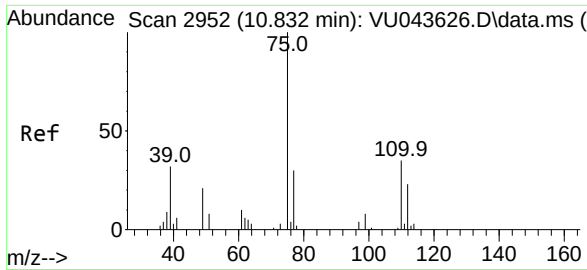
Tgt Ion:	43	Resp:	4824
Ion	Ratio	Lower	Upper
43	100		
58	43.5	36.8	55.2
57	0.0	13.2	19.8#
100	2.9	6.5	9.7#



#49
Dibromochloromethane
Concen: 0.30 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU043631.D
Acq: 10 May 2021 12:18

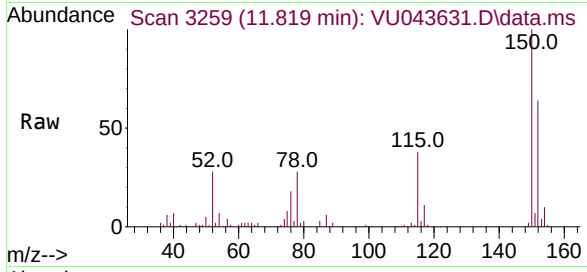
Tgt Ion:	129	Resp:	2063
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.17 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043631.D
 Acq: 10 May 2021 12:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5859
 Ion Ratio Lower Upper
 75 100
 110 1.6 28.6 42.8#
 77 36.8 25.7 38.5

