

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051121\
 Data File : VU043664.D
 Acq On : 11 May 2021 15:09
 Operator : SY/MD
 Sample : M2308-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 12 01:30:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 01:26:46 2021
 Response via : Initial Calibration

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

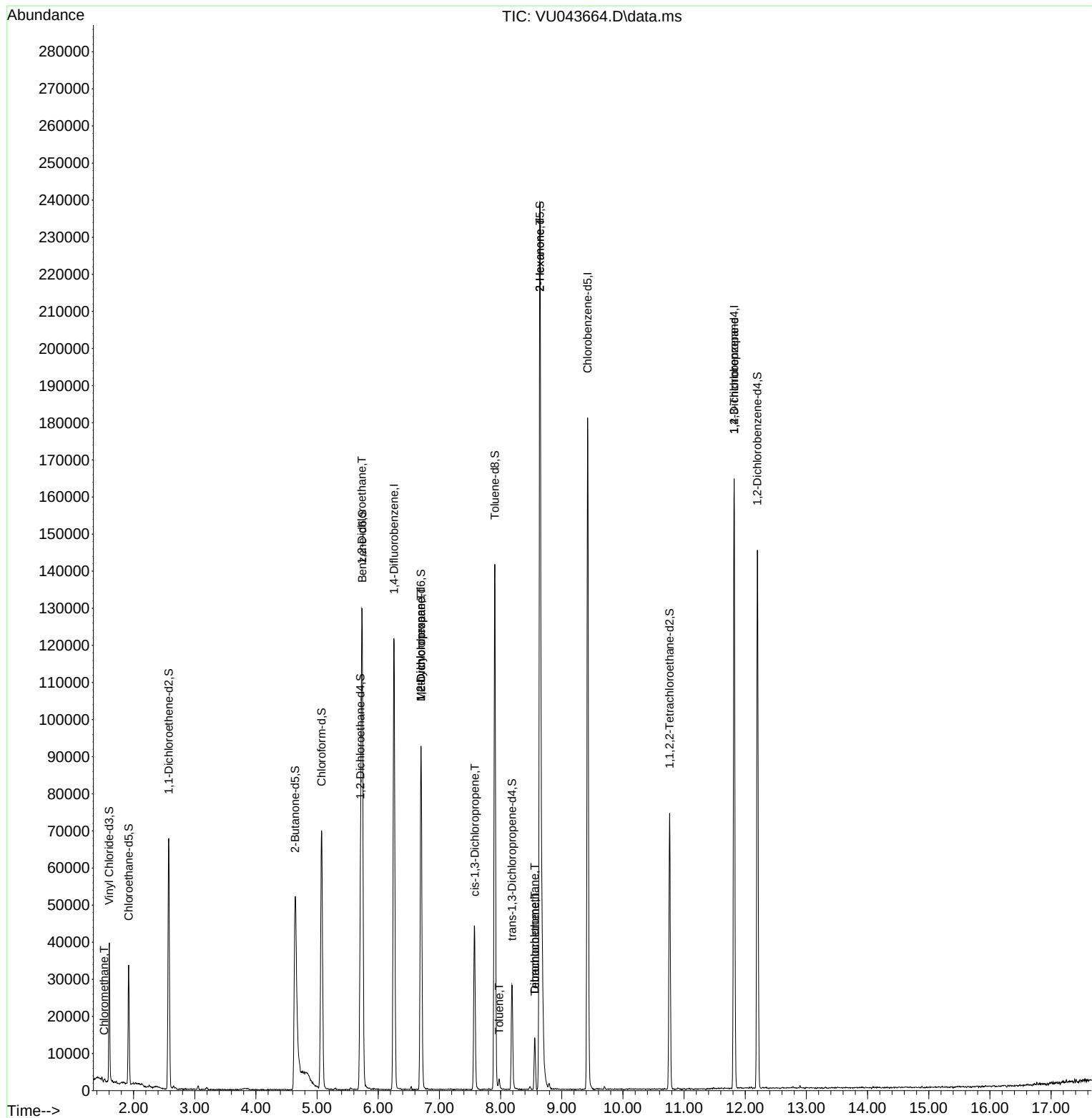
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	88817	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	91205	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	39849	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	24828	3.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.40%
7) Chloroethane-d5	1.919	69	21950	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.575	65	13779	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.642	46	108327	48.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.72%
24) Chloroform-d	5.073	84	61632	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.710	65	40098	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.739	84	106416	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.700	67	41088	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.906	98	87824	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloroprop...	8.185	79	14955	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.642	63	87887	60.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.08%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36391	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	34248	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	573	0.09	ug/L	98
27) 1,2-Dichloroethane	5.732	62	678	0.08	ug/L #	78
35) Methylcyclohexane	6.700	83	8622	1.09	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4799	0.67	ug/L #	90
39) cis-1,3-Dichloropropene	7.578	75	1153	0.12	ug/L #	69
42) Toluene	7.976	91	1936	0.08	ug/L #	77
47) Tetrachloroethene	8.562	164	2858	0.63	ug/L	96
48) 2-Hexanone	8.642	43	13975	3.21	ug/L #	74
49) Dibromochloromethane	8.558	129	2617	0.44	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	5220	1.29	ug/L #	67

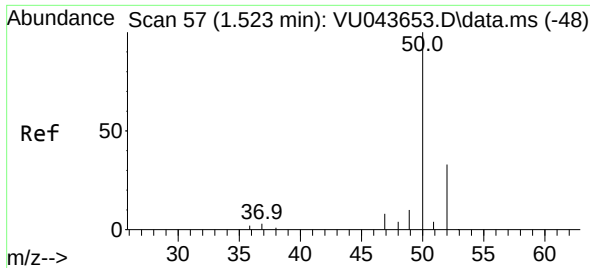
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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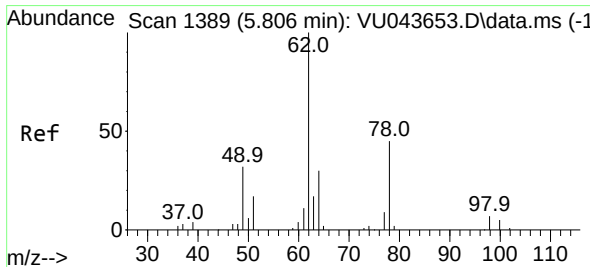
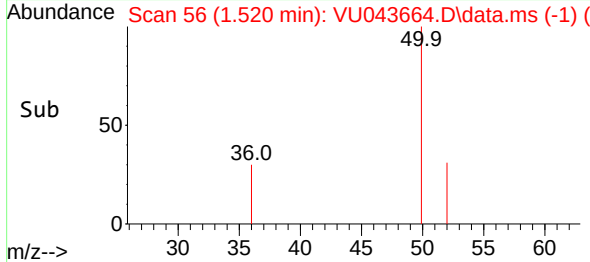
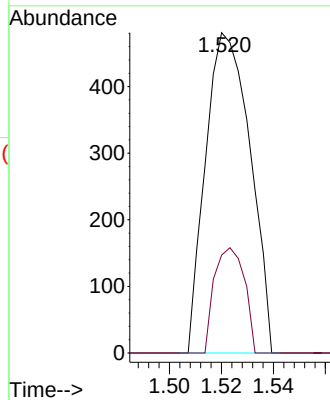
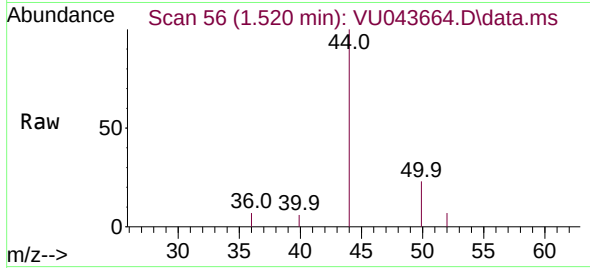




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043664.D
Acq: 11 May 2021 15:09

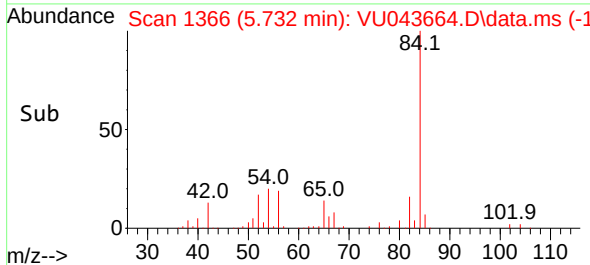
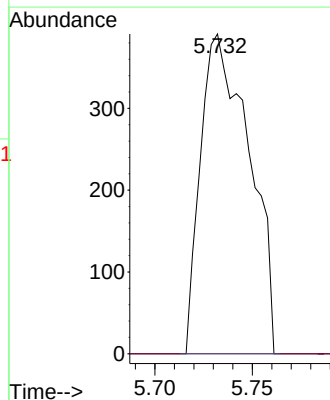
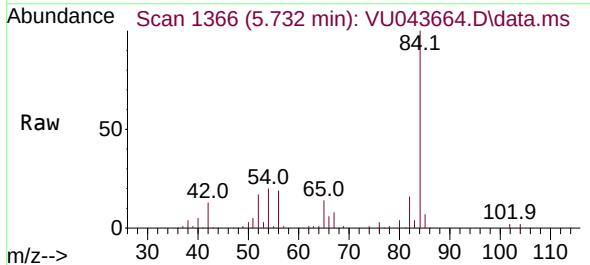
Instrument :
MSVOA_U
ClientSampled :

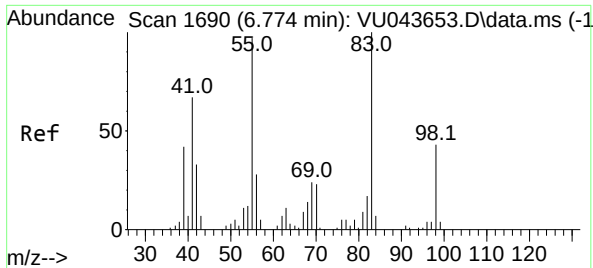
Tgt Ion: 50 Resp: 573
Ion Ratio Lower Upper
50 100
52 30.6 22.1 41.1



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU043664.D
Acq: 11 May 2021 15:09

Tgt Ion: 62 Resp: 678
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

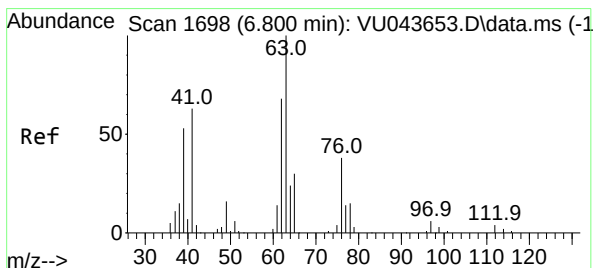
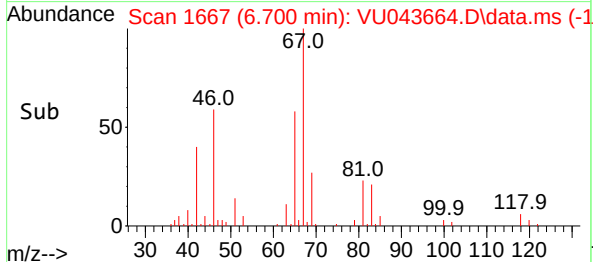
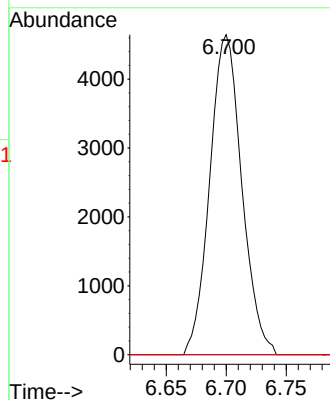
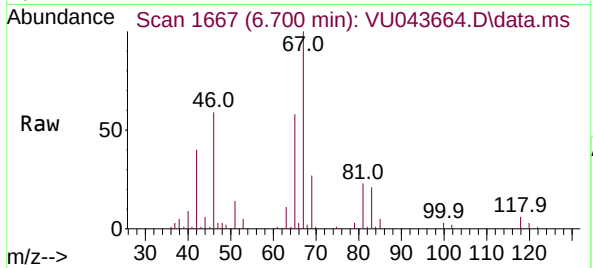




#35
Methylcyclohexane
Concen: 1.09 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043664.D
Acq: 11 May 2021 15:09

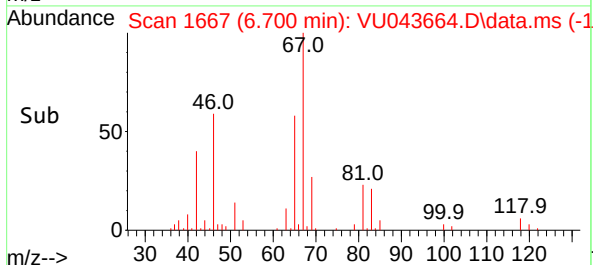
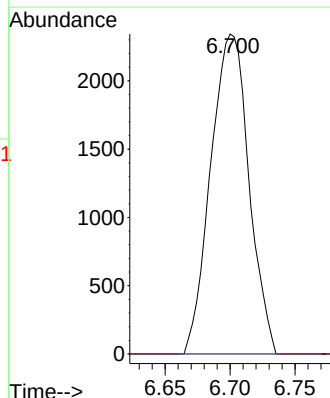
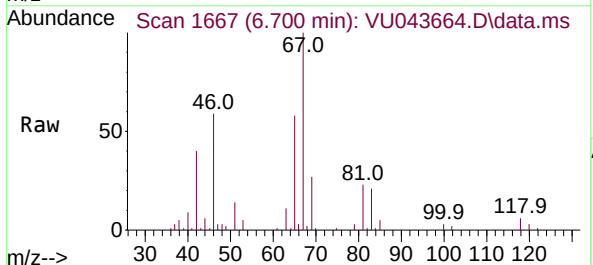
Instrument :
MSVOA_U
ClientSampleId :

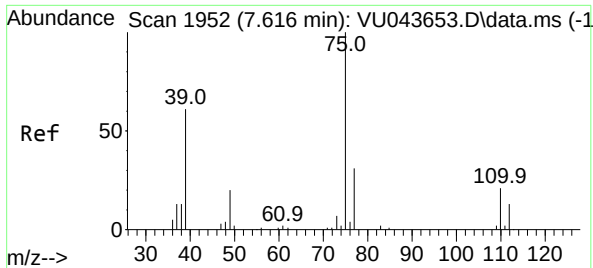
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	0.8	35.5	53.3#



#37
1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043664.D
Acq: 11 May 2021 15:09

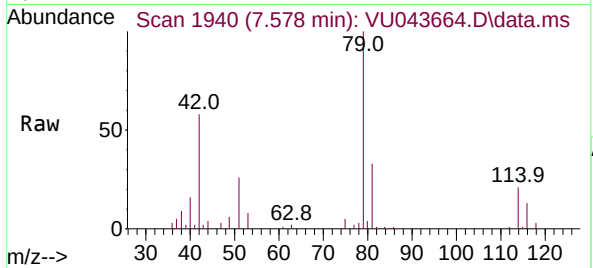
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



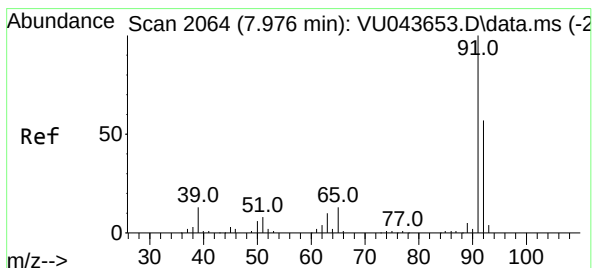
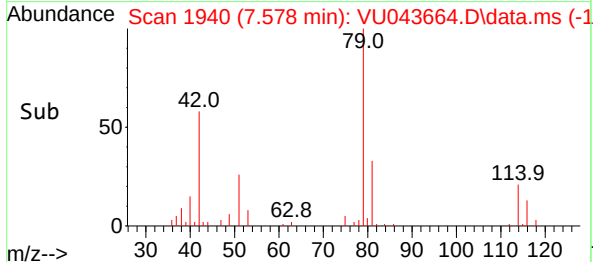
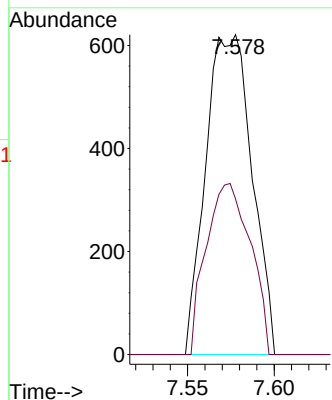


#39
 cis-1,3-Dichloropropene
 Concen: 0.12 ug/L
 RT: 7.578 min Scan# 1940
 Delta R.T. -0.039 min
 Lab File: VU043664.D
 Acq: 11 May 2021 15:09

Instrument :
 MSVOA_U
 ClientSampleId :

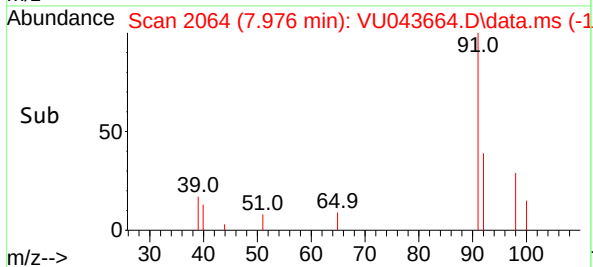
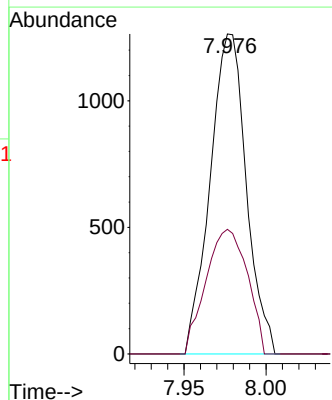
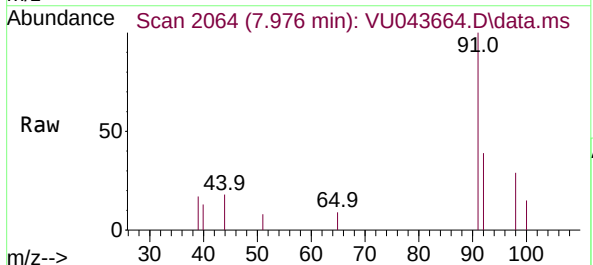


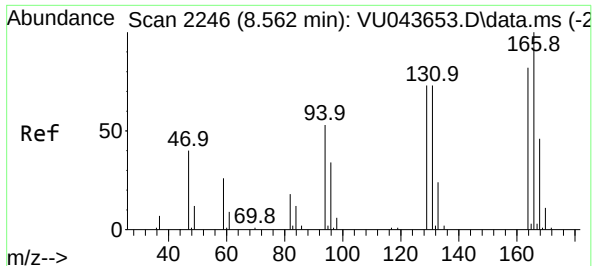
Tgt Ion: 75 Resp: 1153
 Ion Ratio Lower Upper
 75 100
 77 48.6 21.9 40.7#



#42
 Toluene
 Concen: 0.08 ug/L
 RT: 7.976 min Scan# 2064
 Delta R.T. 0.000 min
 Lab File: VU043664.D
 Acq: 11 May 2021 15:09

Tgt Ion: 91 Resp: 1936
 Ion Ratio Lower Upper
 91 100
 92 38.9 39.1 72.5#



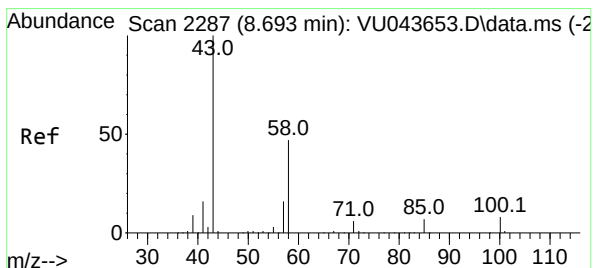
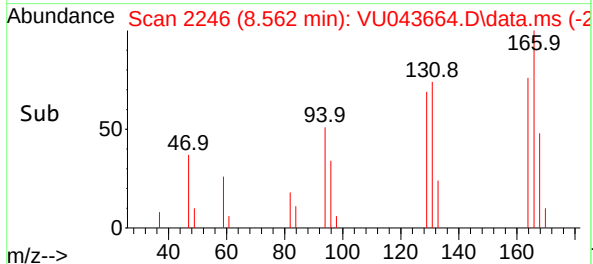
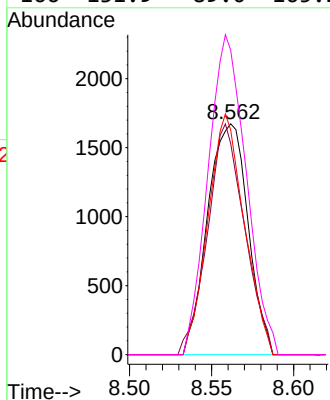
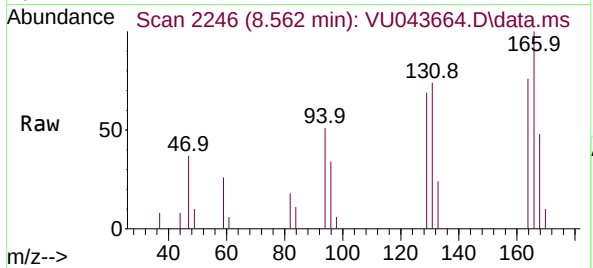


#47
Tetrachloroethene
Concen: 0.63 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043664.D
Acq: 11 May 2021 15:09

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:164 Resp: 2858

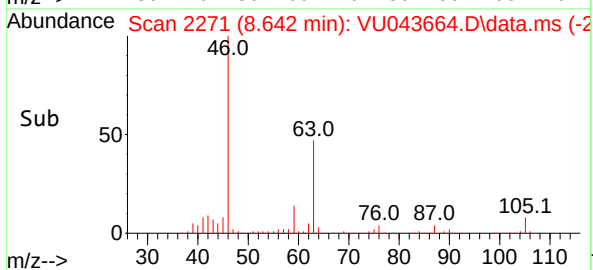
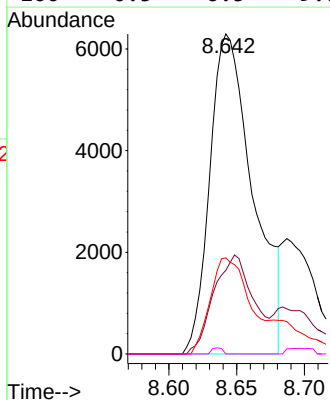
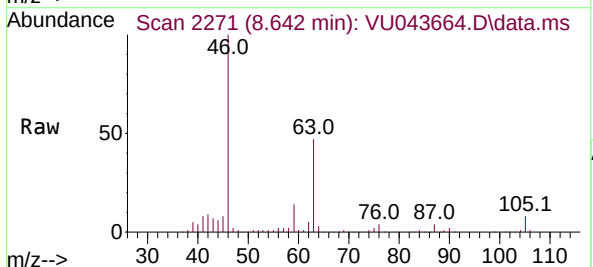
Ion	Ratio	Lower	Upper
164	100		
129	91.5	62.5	116.1
131	97.4	64.9	120.5
166	131.9	89.0	165.2

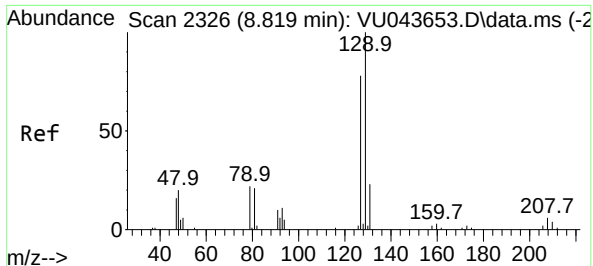


#48
2-Hexanone
Concen: 3.21 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.051 min
Lab File: VU043664.D
Acq: 11 May 2021 15:09

Tgt Ion: 43 Resp: 13975

Ion	Ratio	Lower	Upper
43	100		
58	28.6	36.8	55.2#
57	27.7	13.2	19.8#
100	0.5	6.5	9.7#

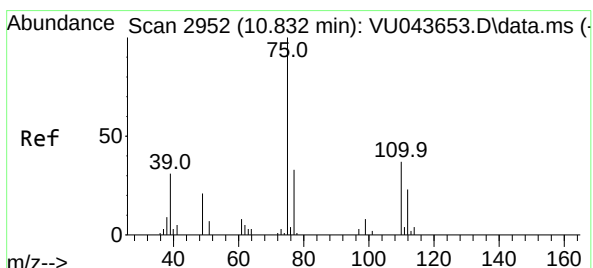
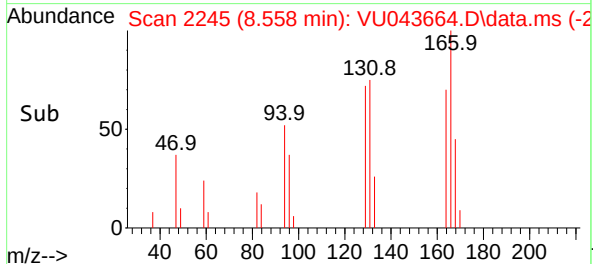
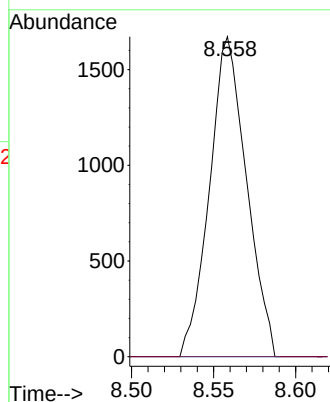
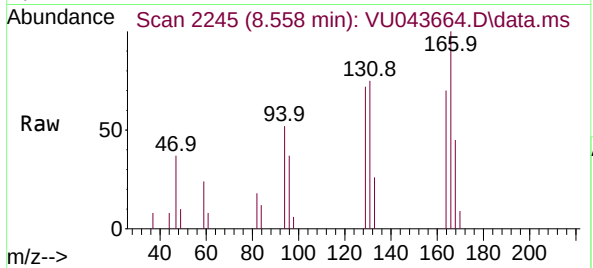




#49
Dibromochloromethane
Concen: 0.44 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU043664.D
Acq: 11 May 2021 15:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 2617
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.4#



#61
1,2,3-Trichloropropane
Concen: 1.29 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043664.D
Acq: 11 May 2021 15:09

Tgt Ion: 75 Resp: 5220
Ion Ratio Lower Upper
75 100
110 2.4 28.6 42.8#
77 35.6 25.7 38.5

