

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042647.D
 Acq On : 13 Mar 2021 06:49
 Operator : SY/MD
 Sample : M1676-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE7

Quant Time: Mar 13 07:49:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 06:39:26 2021
 Response via : Initial Calibration

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

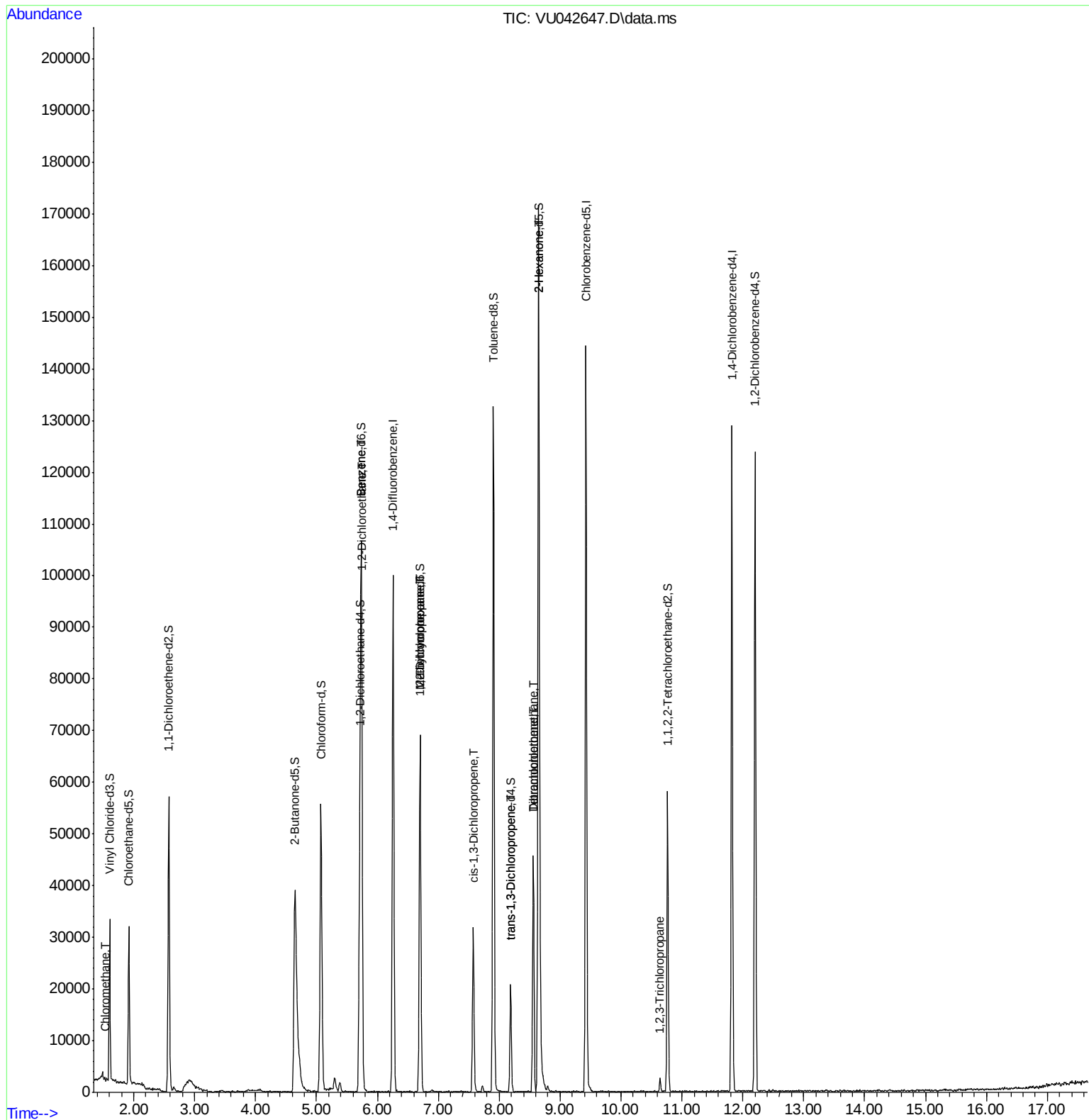
Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	75570	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	74686	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	32976	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21892	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.919	69	19712	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.575	63	35664	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.649	46	89696	54.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.46%
24) Chloroform-d	5.073	84	48616	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.713	65	33874	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.736	84	87902	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.697	67	29048	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.906	98	83156	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloroprop...	8.186	79	10666	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.646	63	61099	46.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.48%
57) 1,1,2,2-Tetrachloroeth...	10.765	84	25636	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.202	152	30817	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%
Target Compounds						
3) Chloromethane	1.527	50	344	0.05	ug/L	83
27) 1,2-Dichloroethane	5.742	62	632	0.07	ug/L #	75
33) Benzene	5.733	78	698	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	6740	0.68	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3628	0.58	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	799	0.09	ug/L #	75
44) trans-1,3-Dichloropropene	8.189	75	499	0.06	ug/L #	59
47) Tetrachloroethene	8.562	164	9881	1.87	ug/L	94
48) 2-Hexanone	8.646	43	9668	2.38	ug/L #	69
49) Dibromochloromethane	8.562	129	9350	1.61	ug/L #	12
59) 1,2,3-Trichloropropane	10.639	75	604	0.13	ug/L #	42

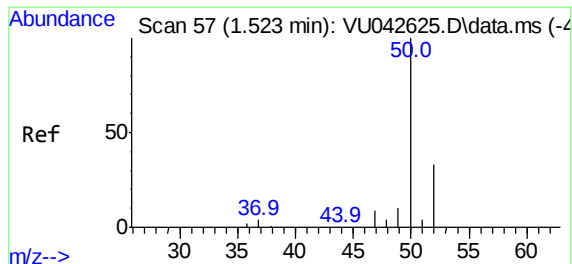
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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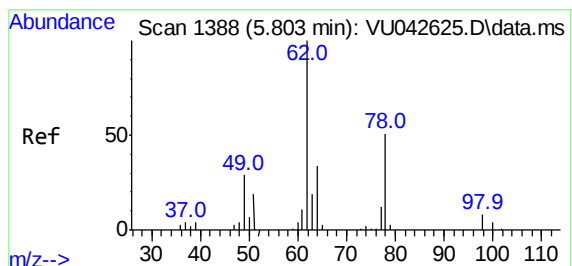
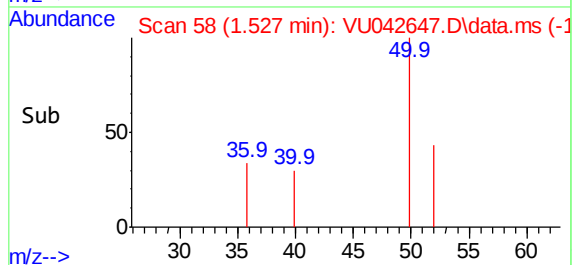
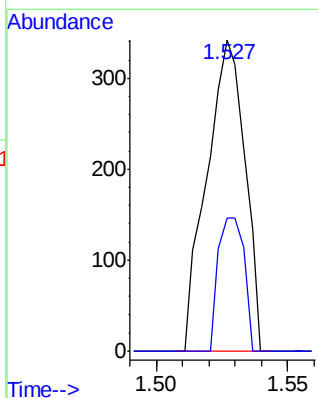
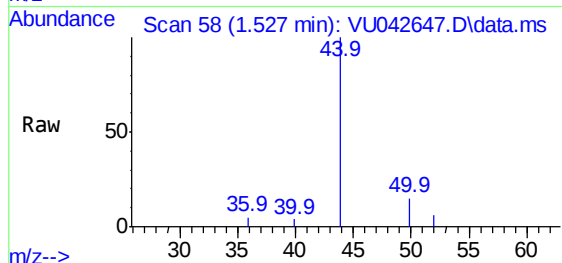




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU042647.D
Acq: 13 Mar 2021 06:49

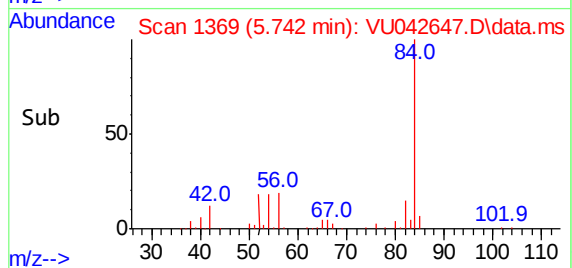
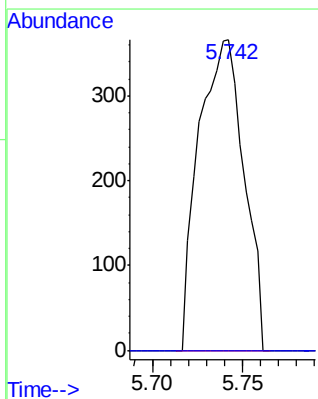
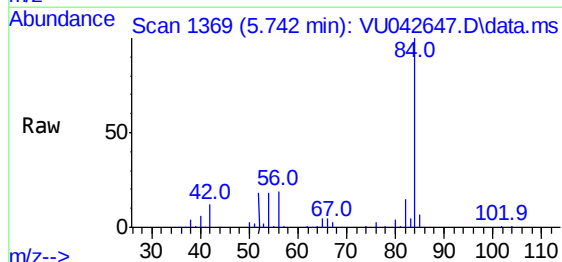
Instrument :
MSVOA_U
ClientSampled :
C0AE7

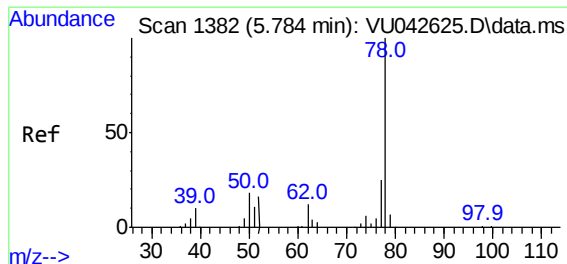
Tgt Ion: 50 Resp: 344
Ion Ratio Lower Upper
50 100
52 42.7 23.0 42.8



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.061 min
Lab File: VU042647.D
Acq: 13 Mar 2021 06:49

Tgt Ion: 62 Resp: 632
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

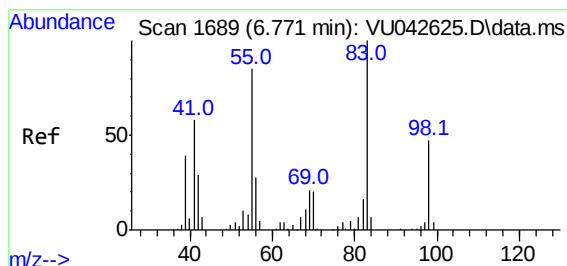
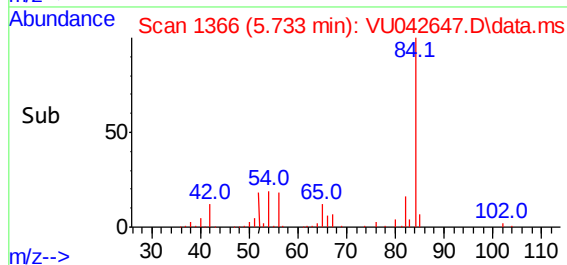
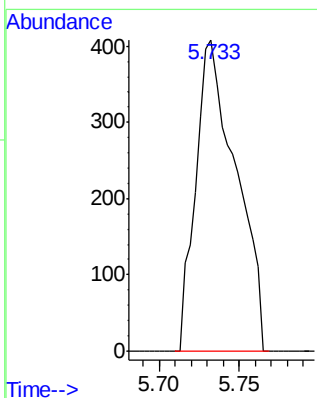
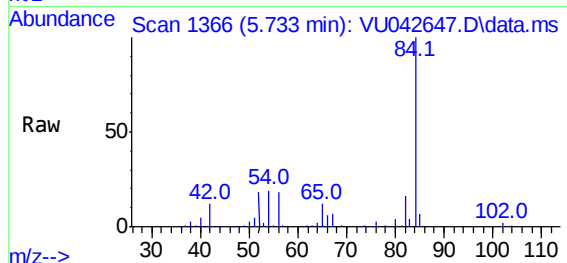




#33
Benzene
Concen: 0.03 ug/L
RT: 5.733 min Scan# 1366
Delta R.T. -0.051 min
Lab File: VU042647.D
Acq: 13 Mar 2021 06:49

Instrument :
MSVOA_U
ClientSampleId :
C0AE7

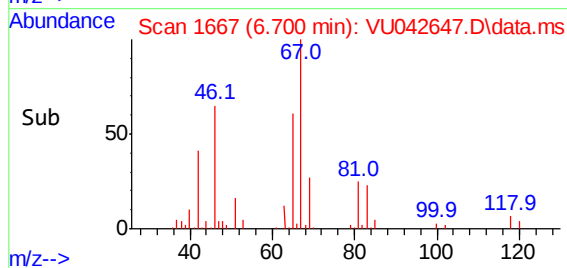
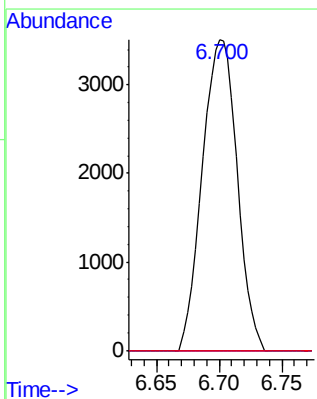
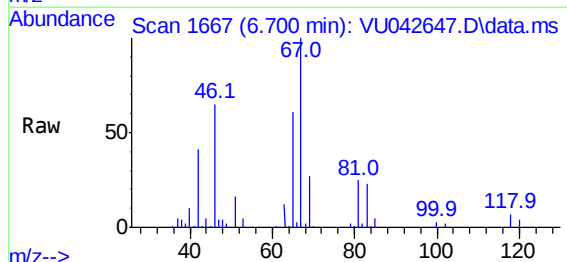
Tgt Ion: 78 Resp: 698

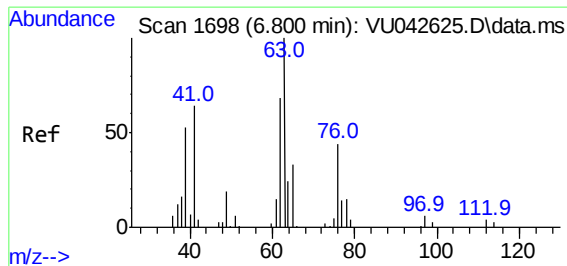


#35
Methylcyclohexane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.070 min
Lab File: VU042647.D
Acq: 13 Mar 2021 06:49

Tgt Ion: 83 Resp: 6740

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#

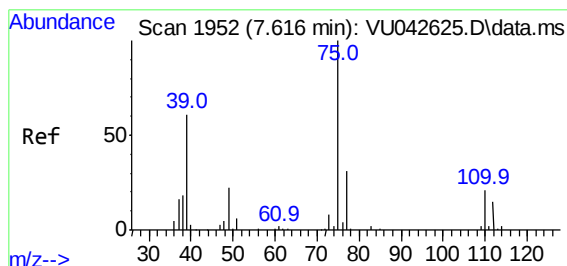
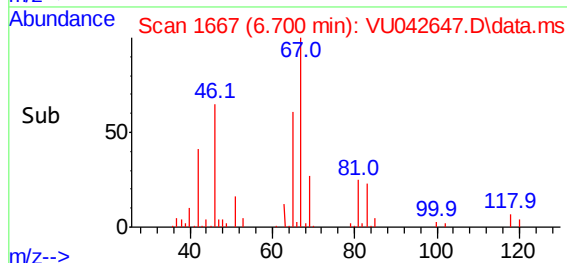
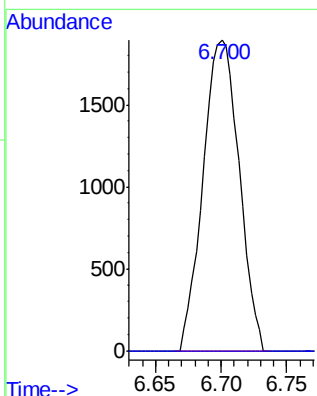
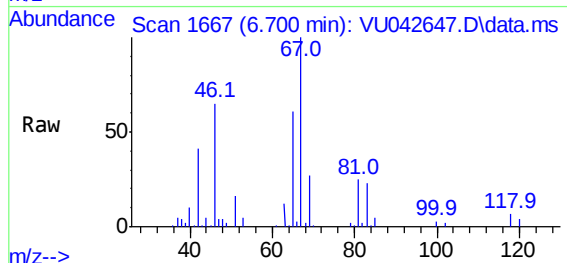




#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU042647.D
Acq: 13 Mar 2021 06:49

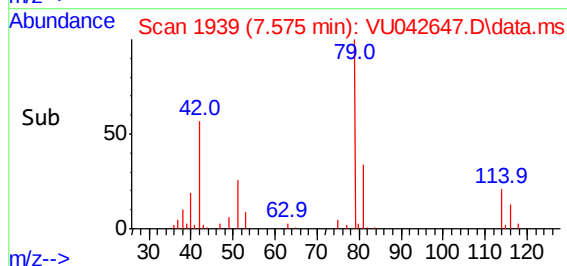
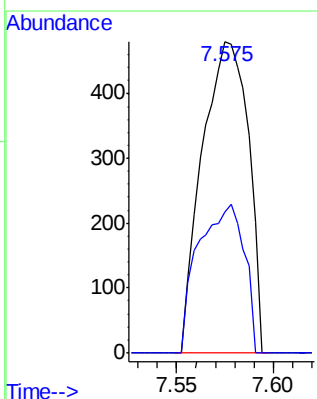
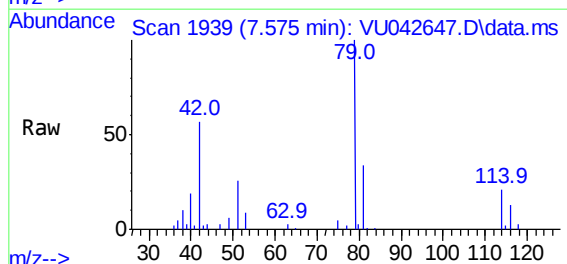
Instrument :
MSVOA_U
ClientSampleId :
C0AE7

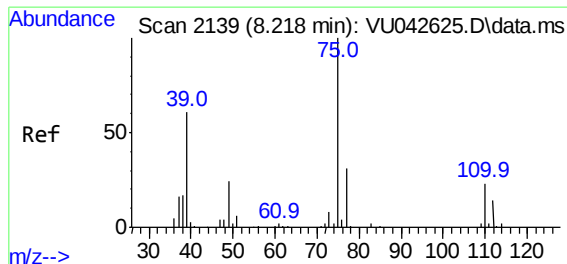
Tgt Ion: 63 Resp: 3628
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042647.D
Acq: 13 Mar 2021 06:49

Tgt Ion: 75 Resp: 799
Ion Ratio Lower Upper
75 100
77 45.2 22.0 40.8#



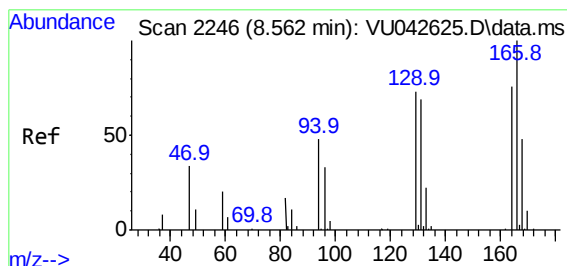
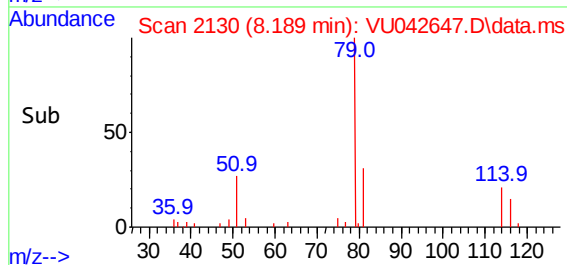
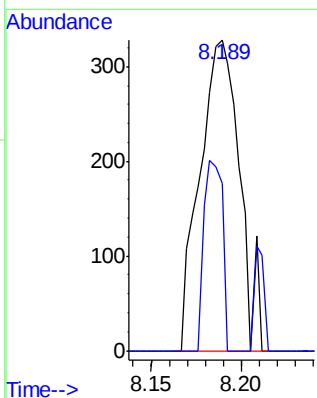
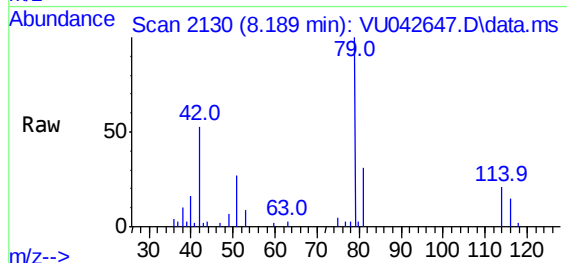


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042647.D
Acq: 13 Mar 2021 06:49

Instrument :
MSVOA_U
ClientSampleId :
C0AE7

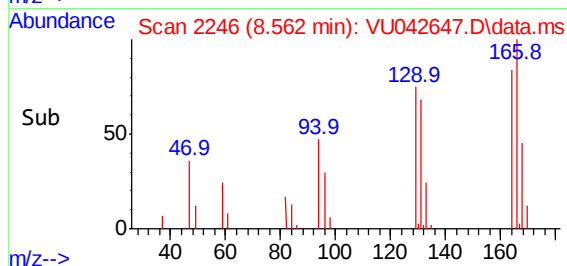
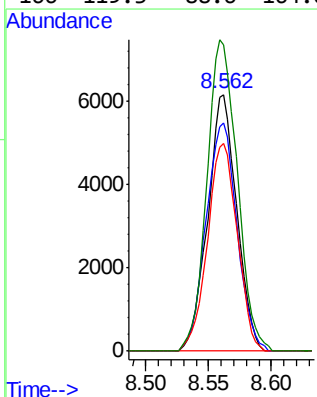
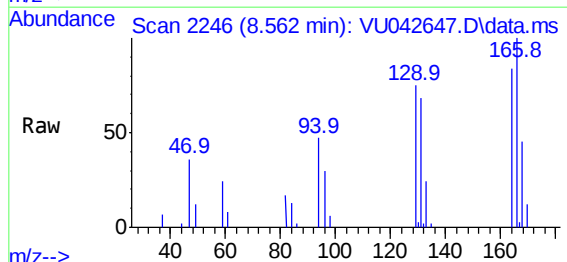
Tgt Ion: 75 Resp: 499
Ion Ratio Lower Upper
75 100
77 53.7 21.8 40.4#

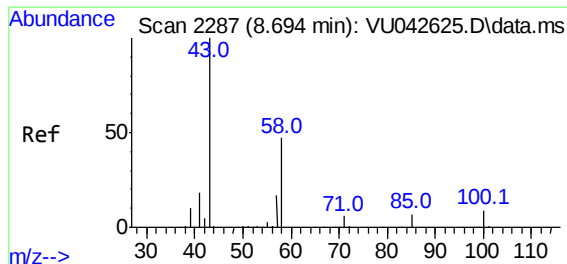


#47

Tetrachloroethene
Concen: 1.87 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042647.D
Acq: 13 Mar 2021 06:49

Tgt Ion: 164 Resp: 9881
Ion Ratio Lower Upper
164 100
129 88.9 64.3 119.5
131 81.1 62.2 115.6
166 119.3 88.6 164.6

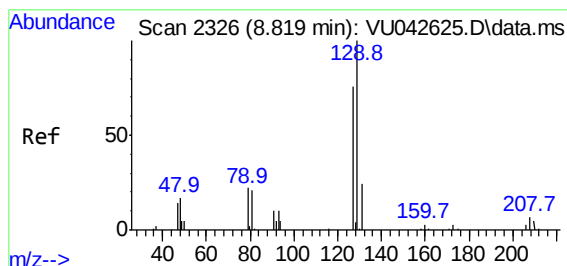
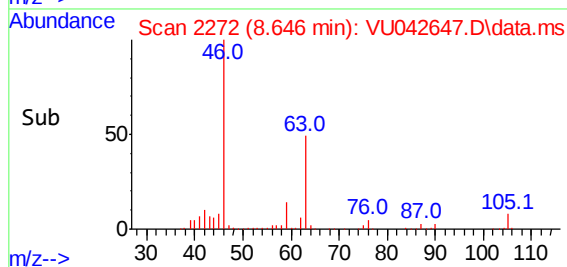
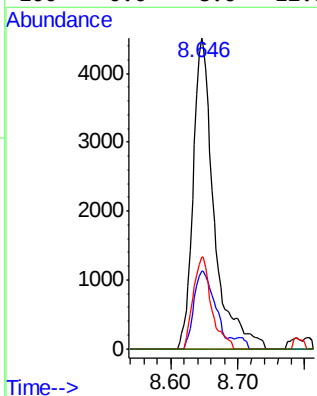
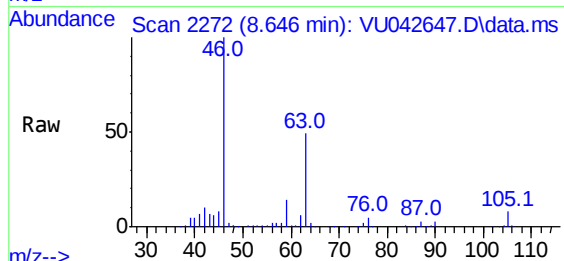




#48
2-Hexanone
Concen: 2.38 ug/L
RT: 8.646 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042647.D
Acq: 13 Mar 2021 06:49

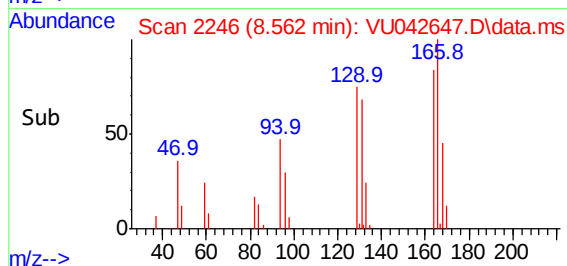
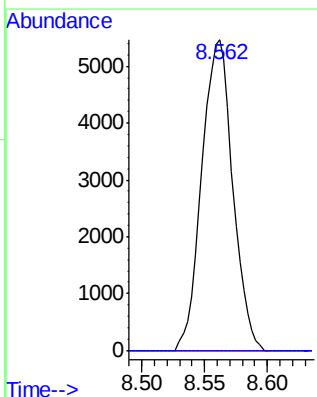
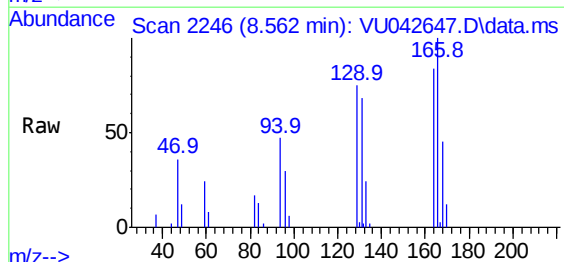
Instrument :
MSVOA_U
ClientSampleId :
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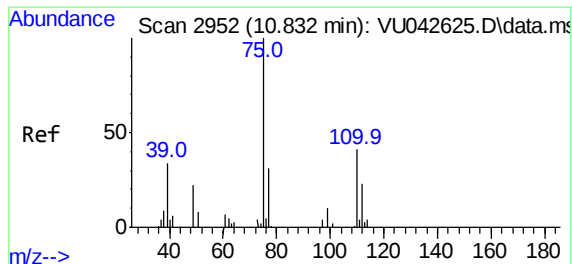
Tgt Ion: 43 Resp: 9668
Ion Ratio Lower Upper
43 100
58 25.0 40.6 61.0#
57 26.0 14.9 22.3#
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 1.61 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042647.D
Acq: 13 Mar 2021 06:49

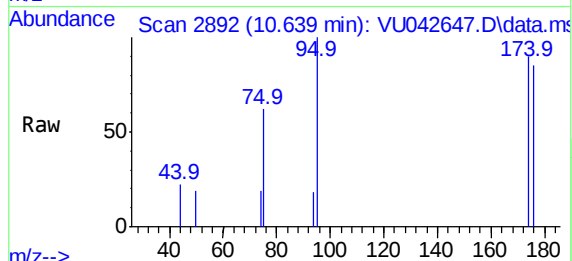
Tgt Ion: 129 Resp: 9350
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.13 ug/L
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042647.D
 Acq: 13 Mar 2021 06:49

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE7



Tgt Ion: 75 Resp: 604
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

