

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021221\
 Data File : VU042317.D
 Acq On : 12 Feb 2021 16:28
 Operator : SY/MD
 Sample : M1406-02DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFTA5DL

Quant Time: Feb 12 21:50:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 12 21:47:42 2021
 Response via : Initial Calibration

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

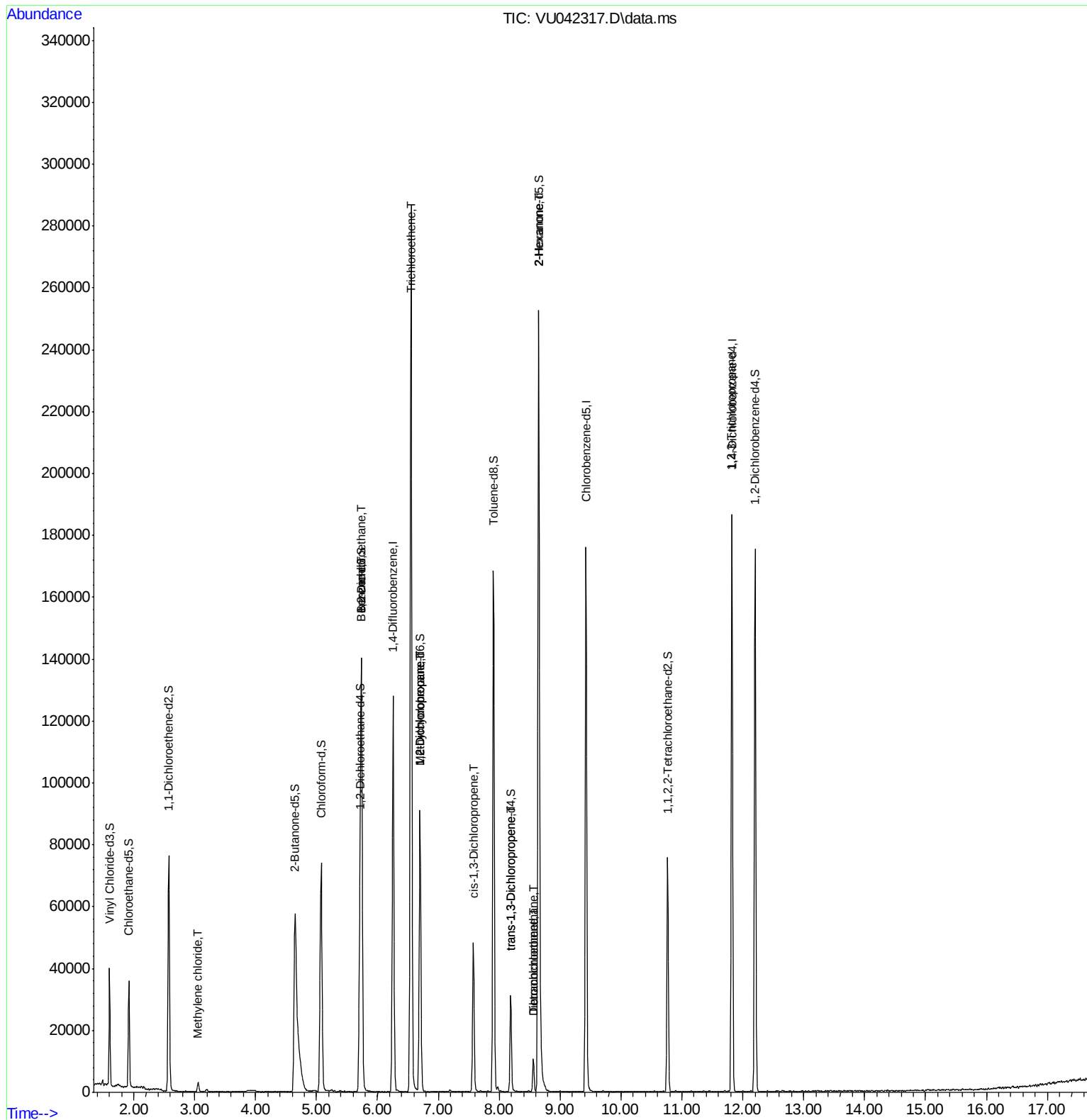
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	99584	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	93279	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	47782	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25376	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.919	69	23501	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.575	63	47147	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.645	46	134599	57.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.84%
24) Chloroform-d	5.076	84	65392	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.713	65	43382	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.738	84	118253	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.700	67	40056	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.906	98	105854	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloroprop...	8.189	79	16921	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.645	63	96228	55.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.00%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	35279	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	43493	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%
Target Compounds						
16) Methylene chloride	3.051	84	1384	0.17	ug/L	88
27) 1,2-Dichloroethane	5.735	62	670	0.07	ug/L #	75
33) Benzene	5.735	78	953	0.03	ug/L	100
34) Trichloroethene	6.552	95	94864	12.82	ug/L	97
35) Methylcyclohexane	6.700	83	9310	0.75	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5031	0.70	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1182	0.10	ug/L #	67
44) trans-1,3-Dichloropropene	8.189	75	679	0.06	ug/L #	22
47) Tetrachloroethene	8.562	164	2428	0.39	ug/L	85
48) 2-Hexanone	8.648	43	13603	3.16	ug/L #	71
49) Dibromochloromethane	8.565	129	2138	0.30	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	5868	1.15	ug/L	95

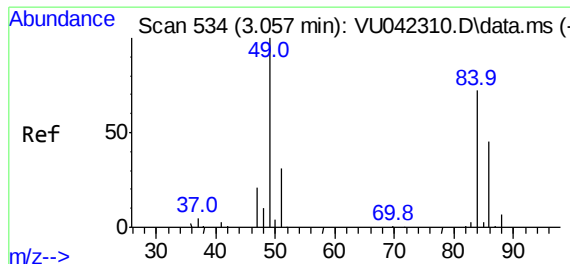
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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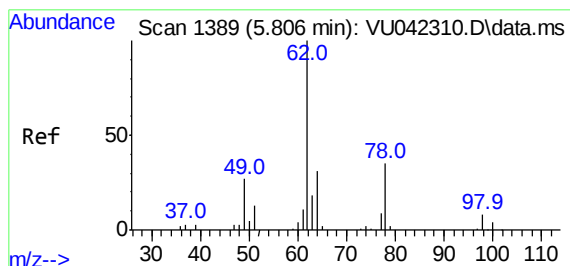
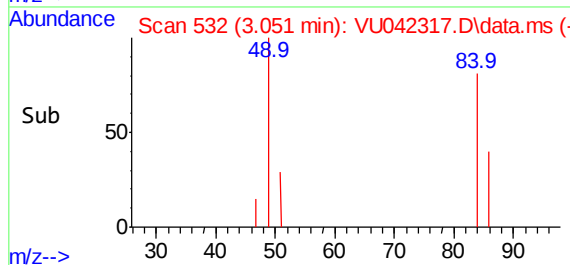
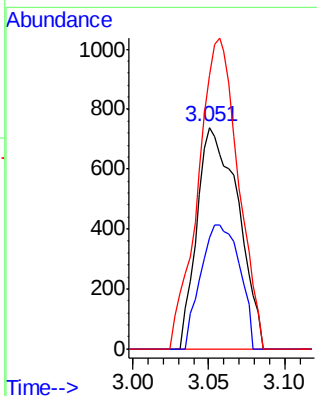
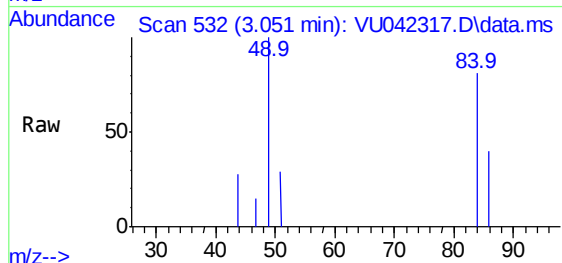




#16
Methylene chloride
Concen: 0.17 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.007 min
Lab File: VU042317.D
Acq: 12 Feb 2021 16:28

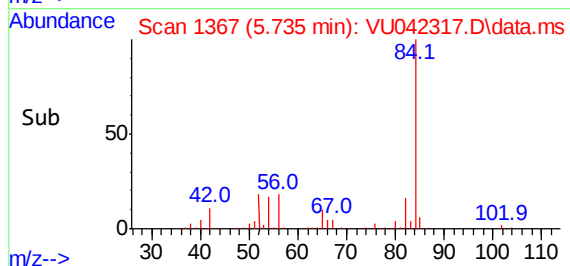
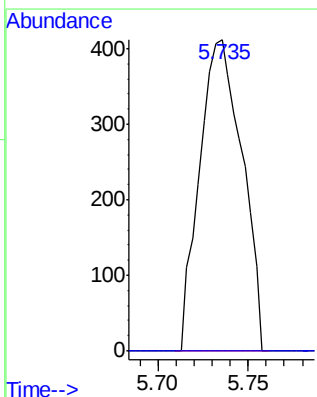
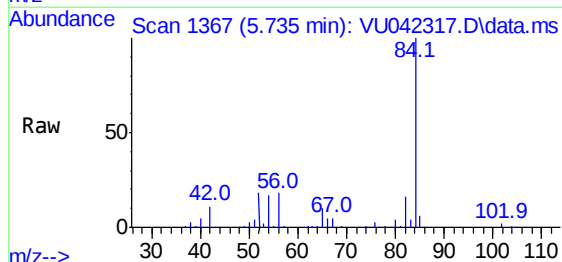
Instrument :
MSVOA_U
ClientSampleId :
BFTA5DL

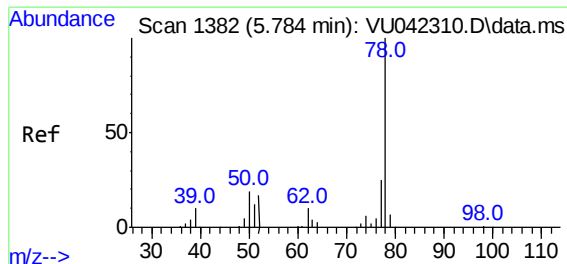
Tgt Ion: 84 Resp: 1384
Ion Ratio Lower Upper
84 100
86 50.1 44.1 81.9
49 123.7 95.0 176.4



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042317.D
Acq: 12 Feb 2021 16:28

Tgt Ion: 62 Resp: 670
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

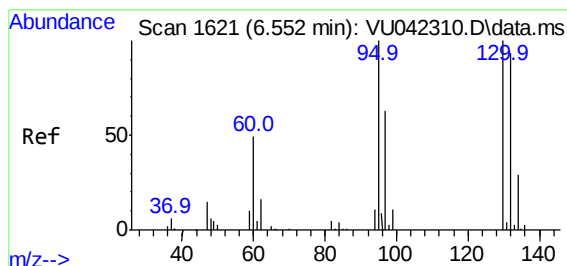
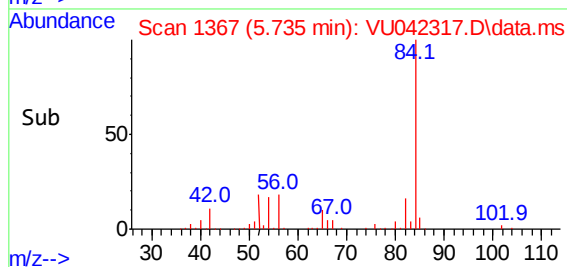
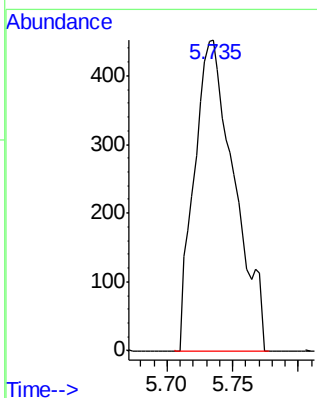
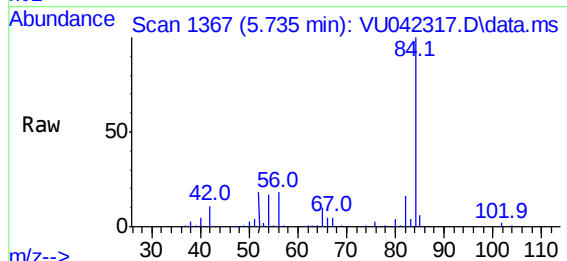




#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042317.D
Acq: 12 Feb 2021 16:28

Instrument :
MSVOA_U
ClientSampleId :
BFTA5DL

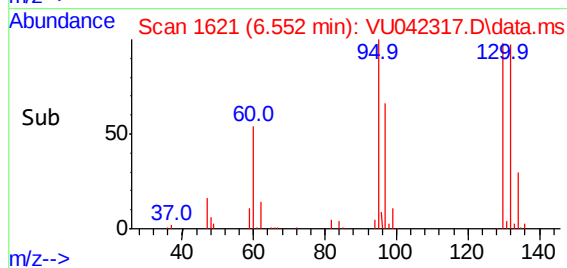
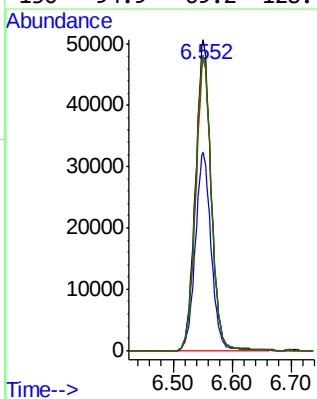
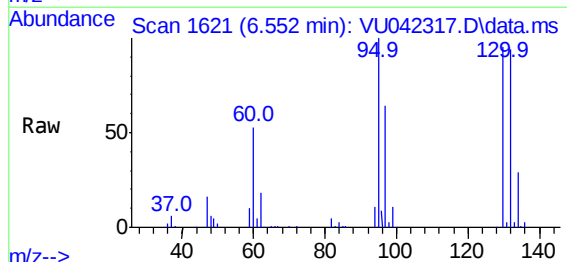
Tgt Ion: 78 Resp: 953

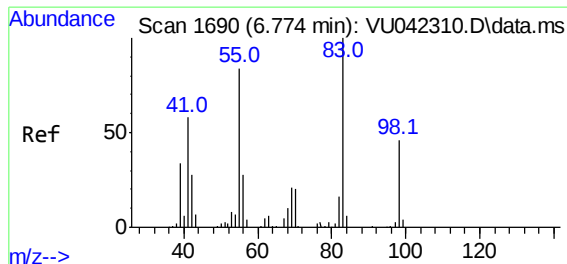


#34
Trichloroethene
Concen: 12.82 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042317.D
Acq: 12 Feb 2021 16:28

Tgt Ion: 95 Resp: 94864

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.4	82.4
132	94.0	68.0	126.4
130	94.9	69.2	128.4

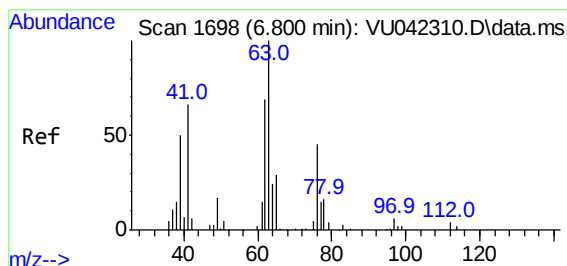
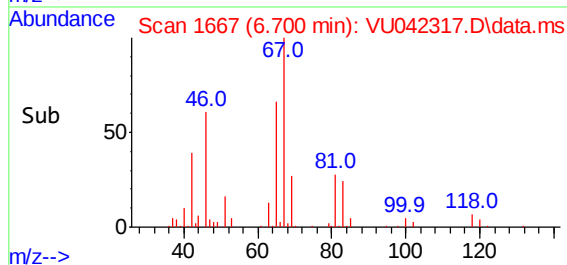
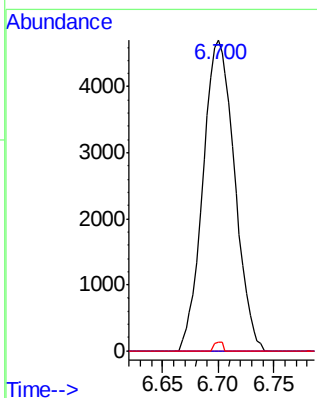
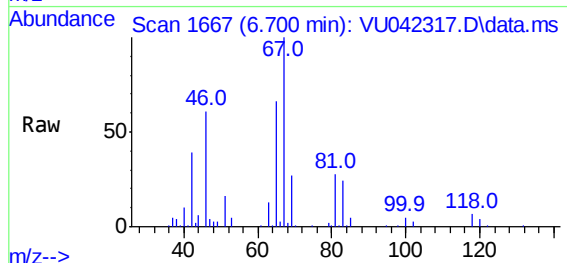




#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042317.D
Acq: 12 Feb 2021 16:28

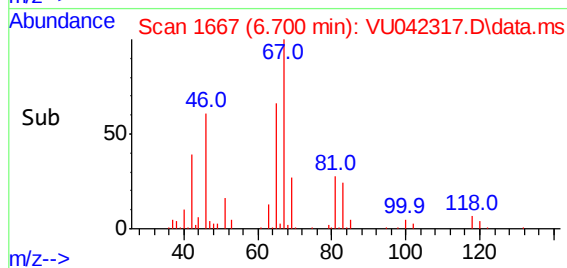
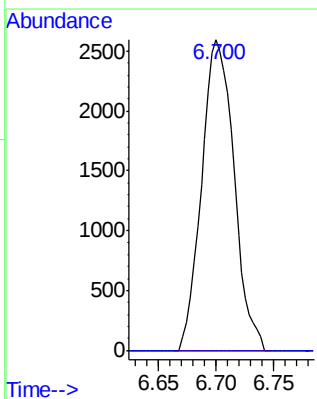
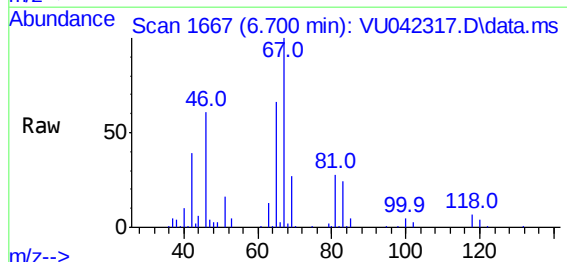
Instrument :
MSVOA_U
ClientSampleId :
BFTA5DL

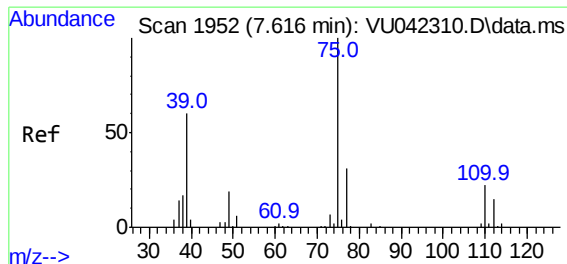
Tgt Ion: 83 Resp: 9310
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.8 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042317.D
Acq: 12 Feb 2021 16:28

Tgt Ion: 63 Resp: 5031
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

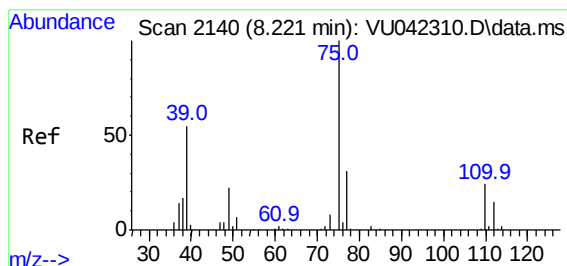
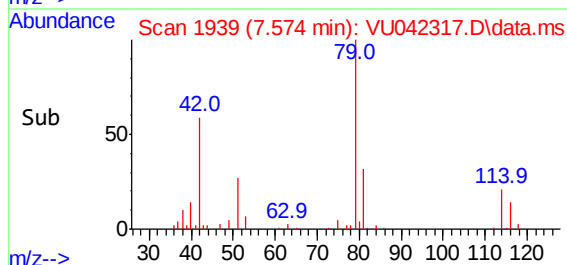
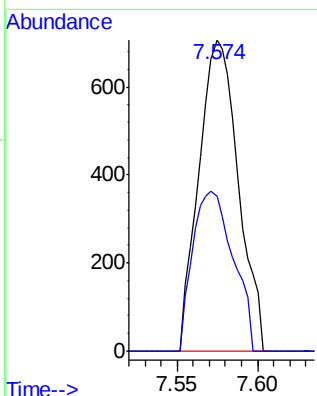
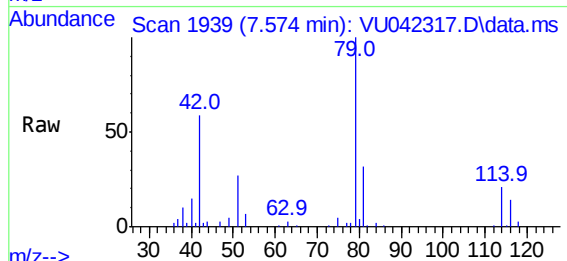




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042317.D
Acq: 12 Feb 2021 16:28

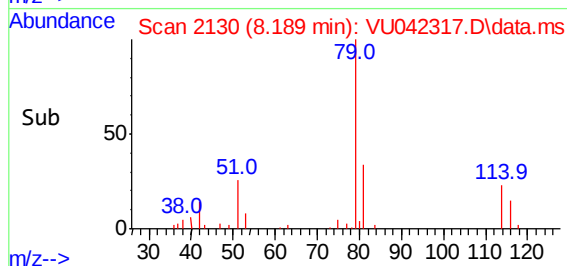
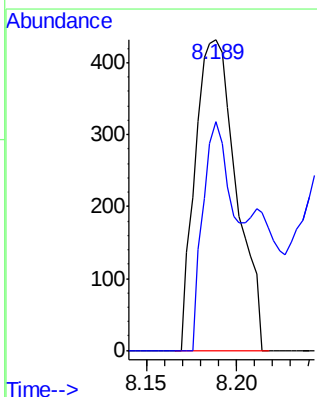
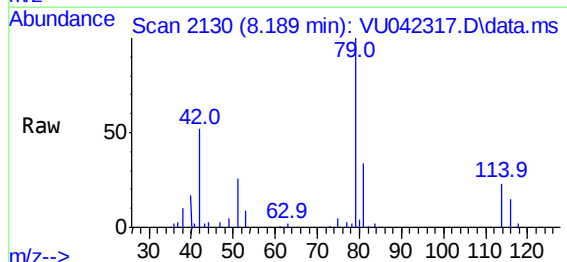
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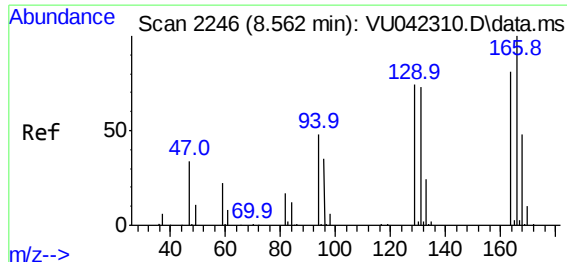
Tgt Ion: 75 Resp: 1182
Ion Ratio Lower Upper
75 100
77 49.6 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042317.D
Acq: 12 Feb 2021 16:28

Tgt Ion: 75 Resp: 679
Ion Ratio Lower Upper
75 100
77 73.8 21.8 40.4#



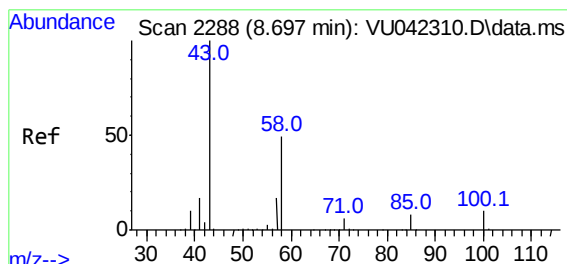
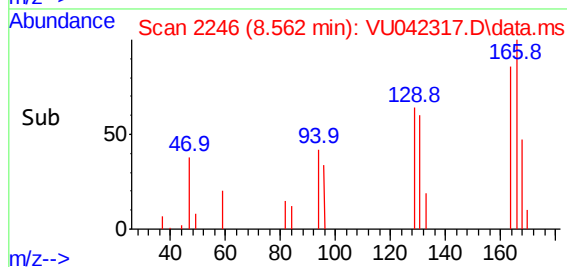
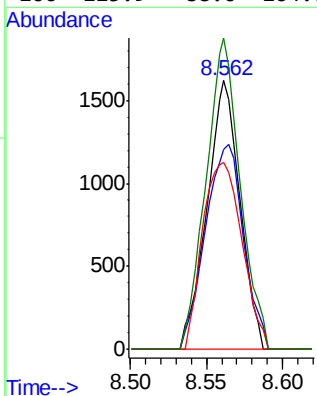
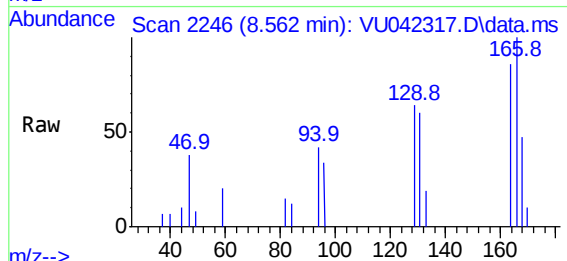


#47
Tetrachloroethene
Concen: 0.39 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042317.D
Acq: 12 Feb 2021 16:28

Instrument :
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ClientSampleId :
BFTA5DL

Tgt Ion:164 Resp: 2428

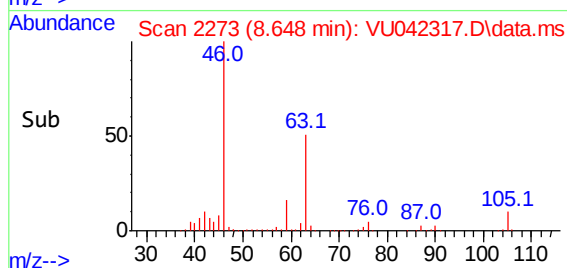
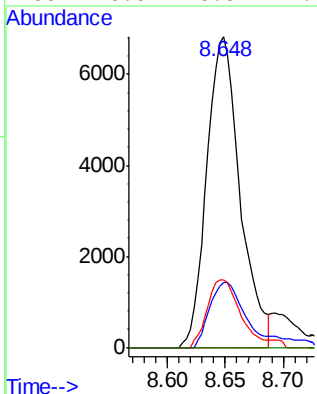
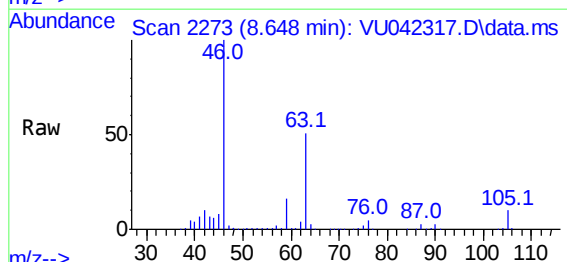
Ion	Ratio	Lower	Upper
164	100		
129	74.5	64.3	119.5
131	69.4	62.2	115.6
166	115.9	88.6	164.6

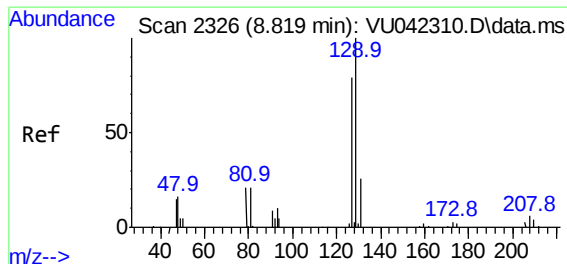


#48
2-Hexanone
Concen: 3.16 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042317.D
Acq: 12 Feb 2021 16:28

Tgt Ion: 43 Resp: 13603

Ion	Ratio	Lower	Upper
43	100		
58	24.6	40.6	61.0#
57	21.6	14.9	22.3
100	0.0	8.6	12.8#

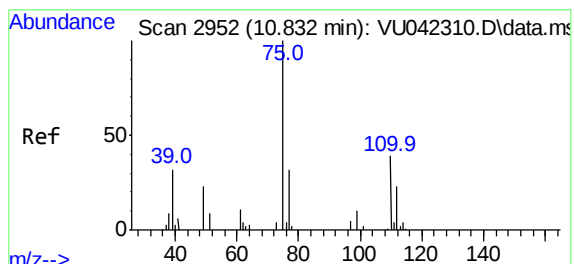
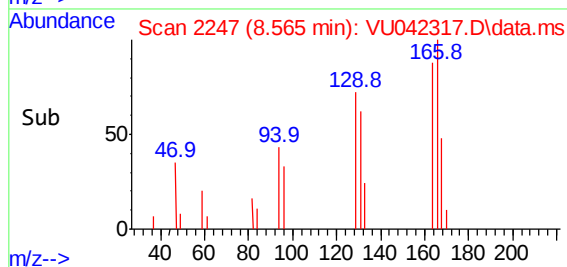
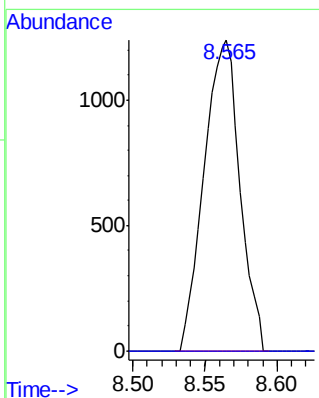
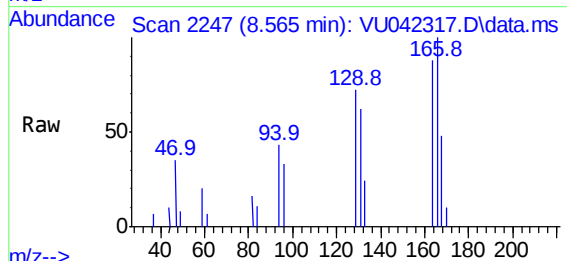




#49
Dibromochloromethane
Concen: 0.30 ug/L
RT: 8.565 min Scan# 2247
Delta R.T. -0.254 min
Lab File: VU042317.D
Acq: 12 Feb 2021 16:28

Instrument :
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Tgt Ion:129 Resp: 2138
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.15 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042317.D
Acq: 12 Feb 2021 16:28

Tgt Ion: 75 Resp: 5868
Ion Ratio Lower Upper
75 100
77 35.4 26.0 39.0

