

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042668.D
 Acq On : 15 Mar 2021 16:32
 Operator : SY/MD
 Sample : M1676-13DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE2DL

Quant Time: Mar 16 01:38:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

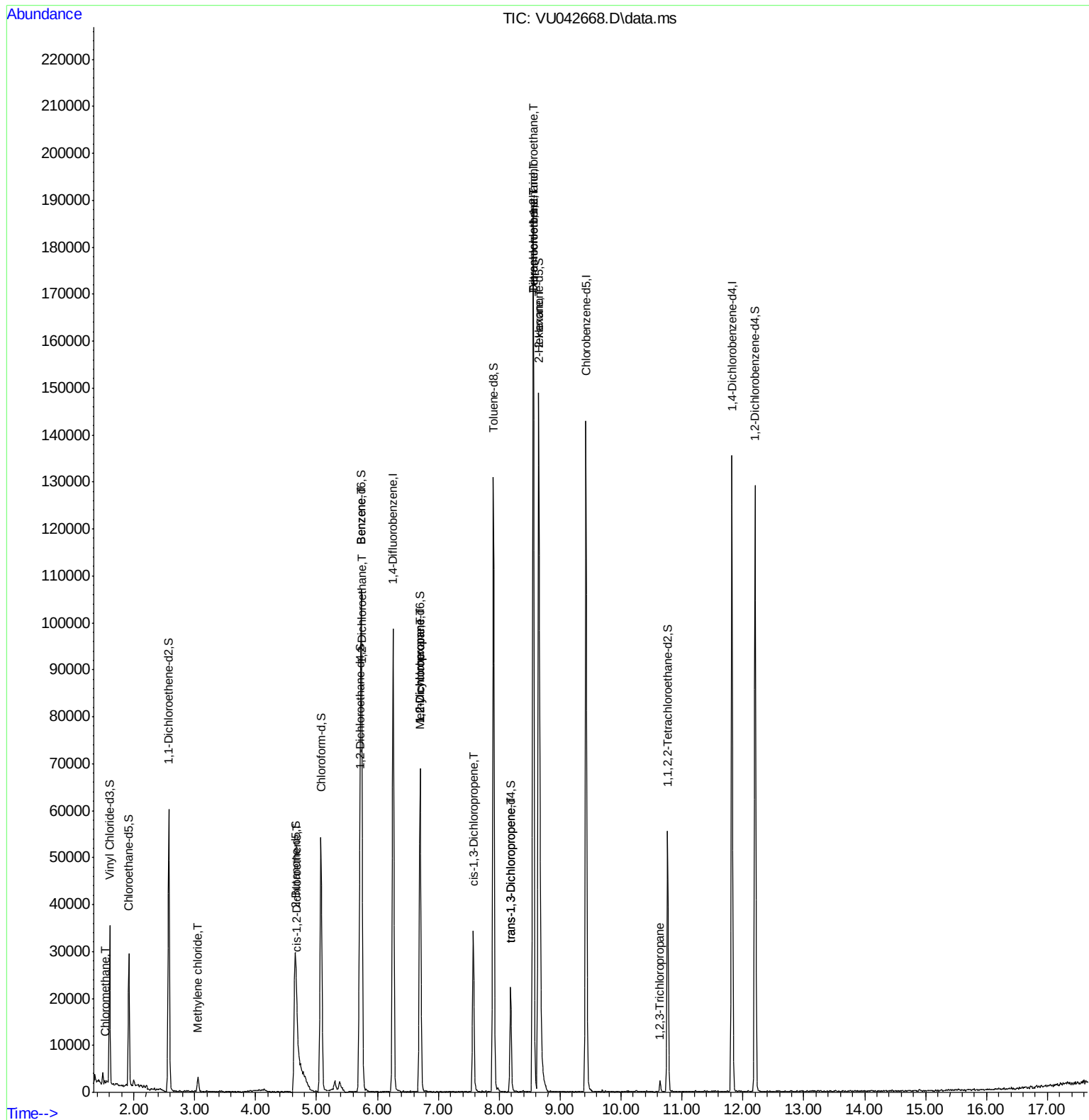
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	74617	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	74385	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34582	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20304	4.08	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	81.60%		
7) Chloroethane-d5	1.919	69	18436	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	97.80%		
11) 1,1-Dichloroethene-d2	2.575	63	37651	3.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	67.00%		
20) 2-Butanone-d5	4.652	46	66827	40.92	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	81.84%		
24) Chloroform-d	5.073	84	48437	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.40%		
26) 1,2-Dichloroethane-d4	5.713	65	32539	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	107.60%		
32) Benzene-d6	5.735	84	87406	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	95.80%		
36) 1,2-Dichloropropane-d6	6.700	67	29399	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	100.00%		
41) Toluene-d8	7.906	98	82332	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	92.40%		
43) trans-1,3-Dichloroprop...	8.189	79	11602	4.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	84.40%		
46) 2-Hexanone-d5	8.648	63	60853	46.24	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	92.48%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25974	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	99.20%		
64) 1,2-Dichlorobenzene-d4	12.201	152	31550	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	100.60%		
Target Compounds						Qvalue
3) Chloromethane	1.523	50	366	0.06	ug/L	92
16) Methylene chloride	3.054	84	1233	0.20	ug/L #	72
22) cis-1,2-Dichloroethene	4.674	96	487	0.08	ug/L	72
27) 1,2-Dichloroethane	5.745	62	569	0.07	ug/L #	75
33) Benzene	5.735	78	612	0.03	ug/L	100
35) Methylcyclohexane	6.697	83	7145	0.73	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	3582	0.57	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	956	0.10	ug/L #	62
44) trans-1,3-Dichloropropene	8.189	75	619	0.07	ug/L #	62
45) 1,1,2-Trichloroethane	8.555	97	387	0.08	ug/L #	1
47) Tetrachloroethene	8.562	164	39500	7.51	ug/L	97
48) 2-Hexanone	8.645	43	9726	2.41	ug/L #	68
49) Dibromochloromethane	8.558	129	36710	6.33	ug/L #	12
59) 1,2,3-Trichloropropane	10.632	75	339	0.07	ug/L #	42

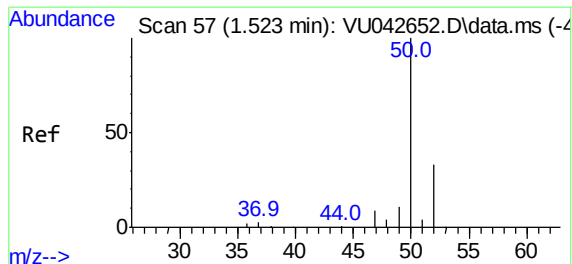
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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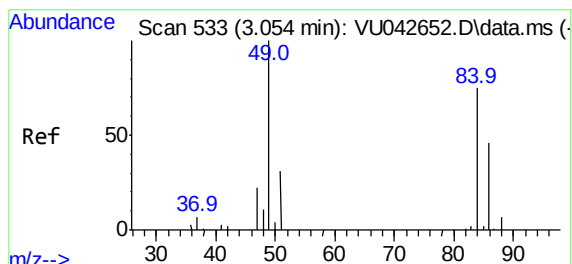
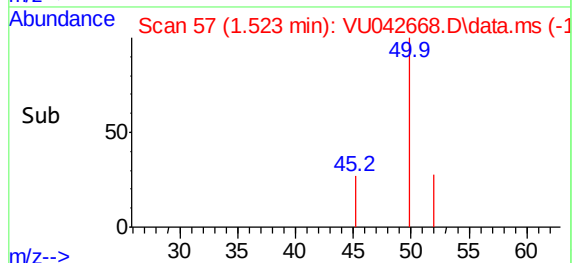
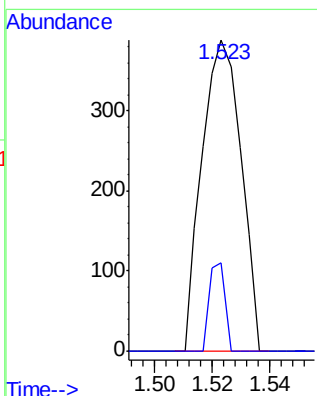
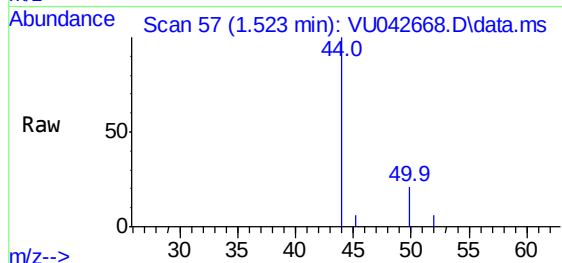




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042668.D
Acq: 15 Mar 2021 16:32

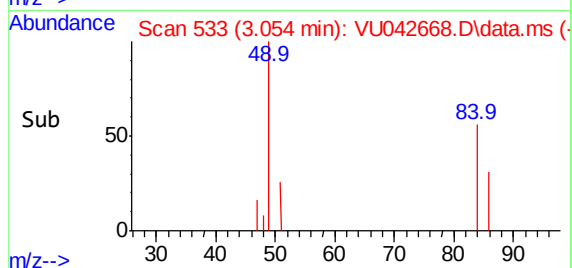
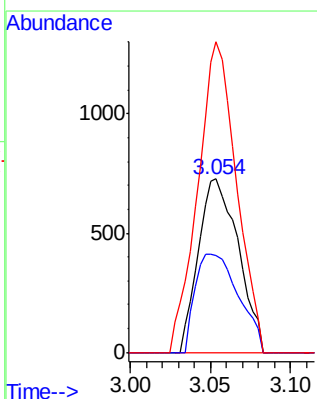
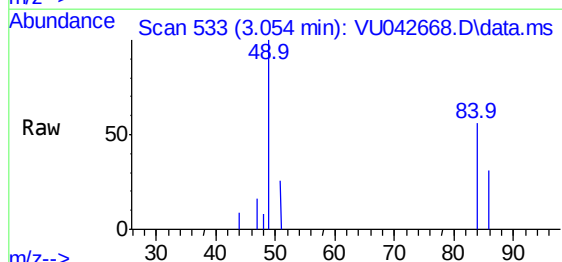
Instrument :
MSVOA_U
ClientSampleId :
C0AE2DL

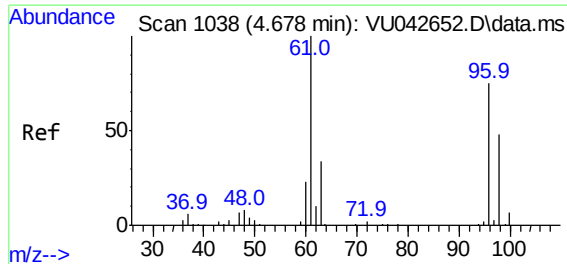
Tgt Ion: 50 Resp: 366
Ion Ratio Lower Upper
50 100
52 28.4 23.0 42.8



#16
Methylene chloride
Concen: 0.20 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042668.D
Acq: 15 Mar 2021 16:32

Tgt Ion: 84 Resp: 1233
Ion Ratio Lower Upper
84 100
86 55.5 44.1 81.9
49 178.8 95.0 176.4#

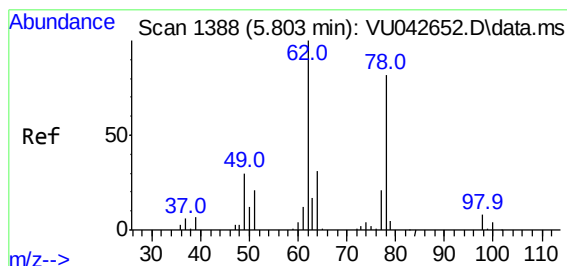
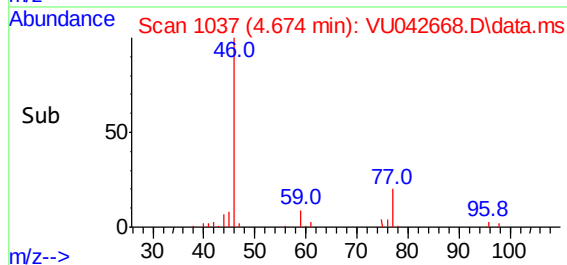
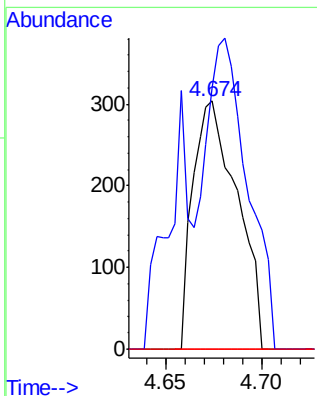
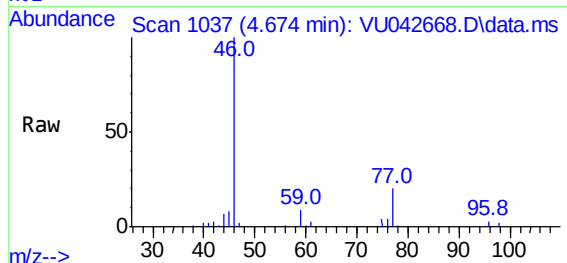




#22
 cis-1,2-Dichloroethene
 Concen: 0.08 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU042668.D
 Acq: 15 Mar 2021 16:32

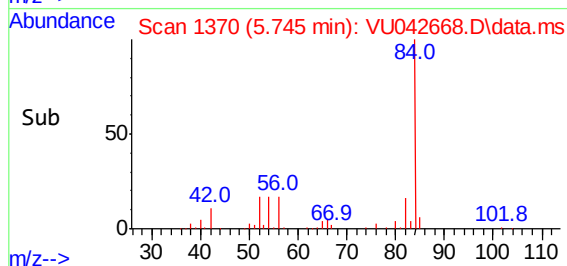
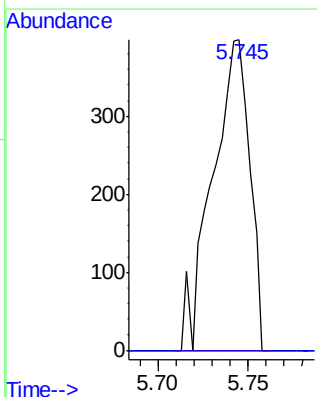
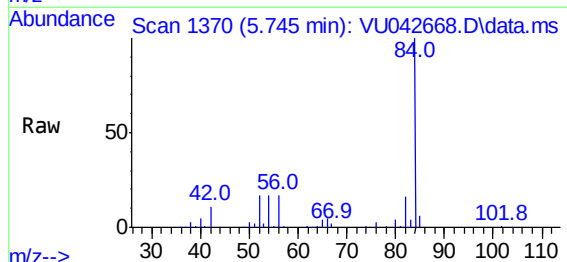
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE2DL

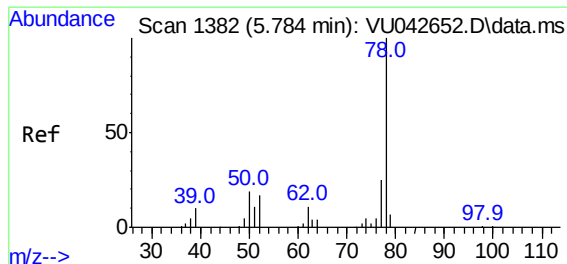
Tgt Ion: 96 Resp: 487
 Ion Ratio Lower Upper
 96 100
 61 105.3 97.8 181.6
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.07 ug/L
 RT: 5.745 min Scan# 1370
 Delta R.T. -0.058 min
 Lab File: VU042668.D
 Acq: 15 Mar 2021 16:32

Tgt Ion: 62 Resp: 569
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.3 10.9#

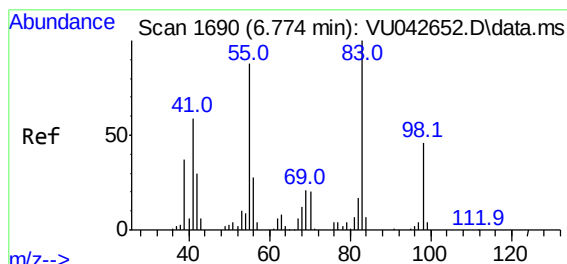
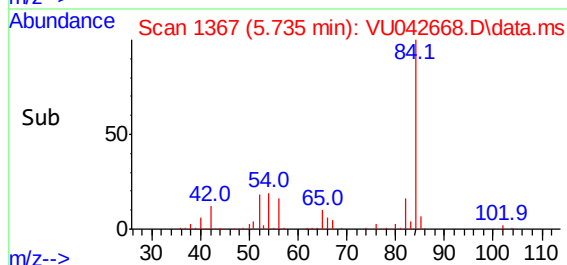
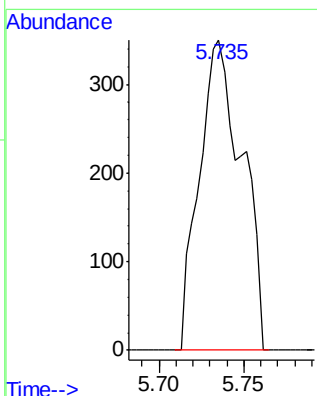
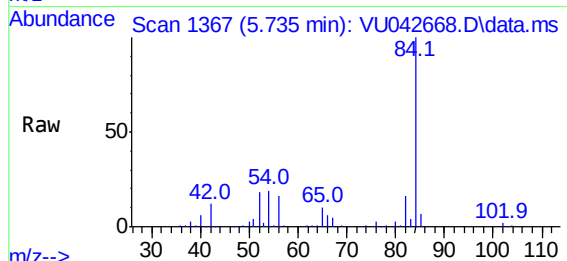




#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042668.D
Acq: 15 Mar 2021 16:32

Instrument :
MSVOA_U
ClientSampleId :
C0AE2DL

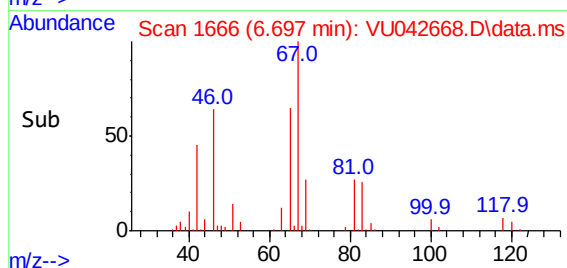
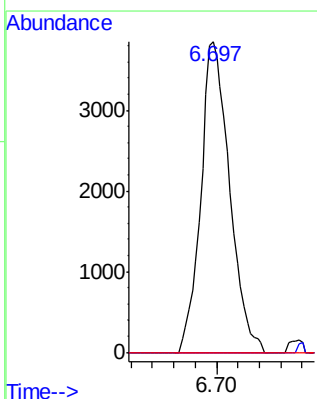
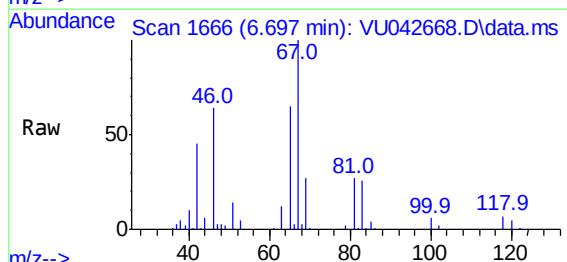
Tgt Ion: 78 Resp: 612

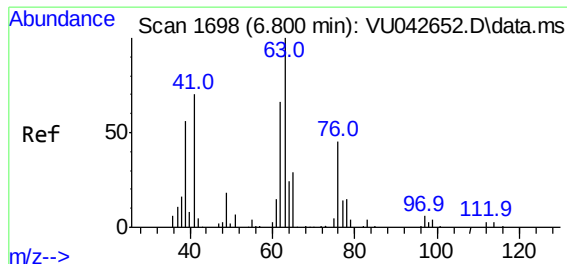


#35
Methylcyclohexane
Concen: 0.73 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.077 min
Lab File: VU042668.D
Acq: 15 Mar 2021 16:32

Tgt Ion: 83 Resp: 7145

Ion	Ratio	Lower	Upper
83	100		
55	0.6	68.2	102.4#
98	0.0	39.7	59.5#

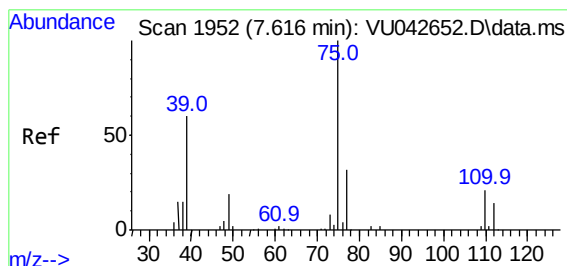
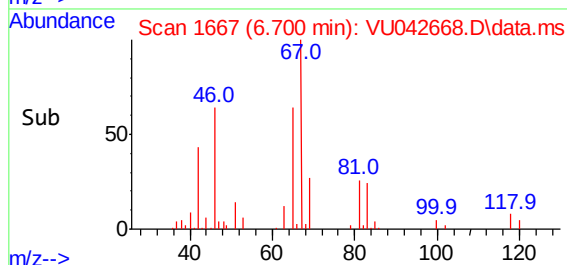
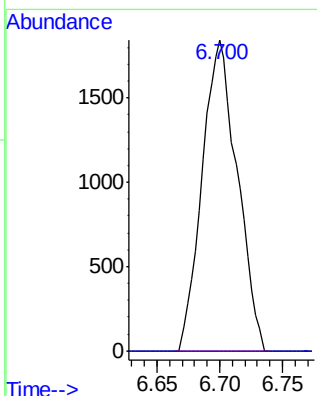
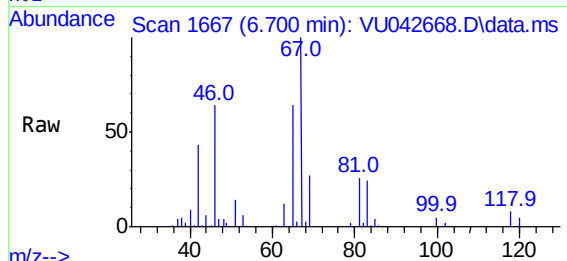




#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042668.D
Acq: 15 Mar 2021 16:32

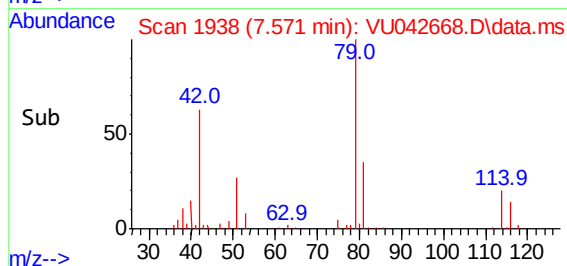
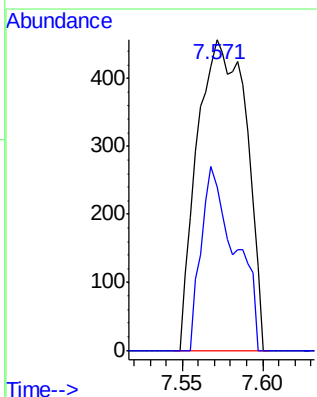
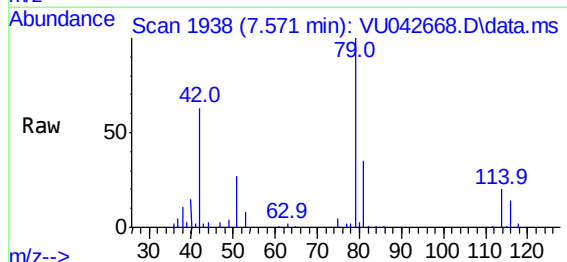
Instrument :
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ClientSampleId :
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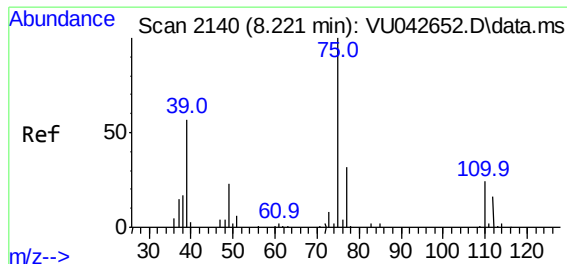
Tgt Ion: 63 Resp: 3582
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042668.D
Acq: 15 Mar 2021 16:32

Tgt Ion: 75 Resp: 956
Ion Ratio Lower Upper
75 100
77 52.5 22.0 40.8#



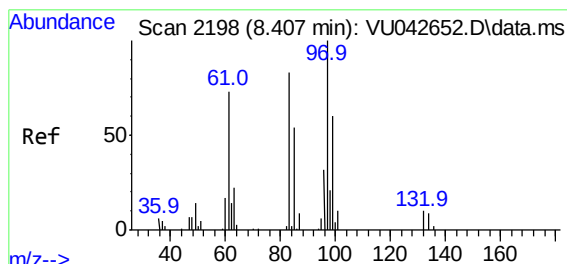
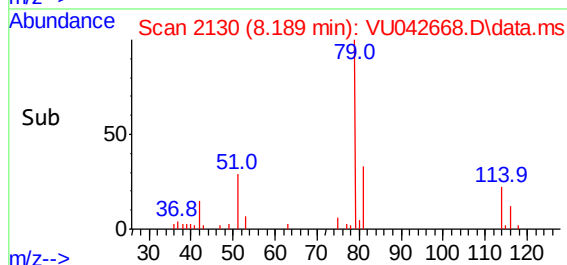
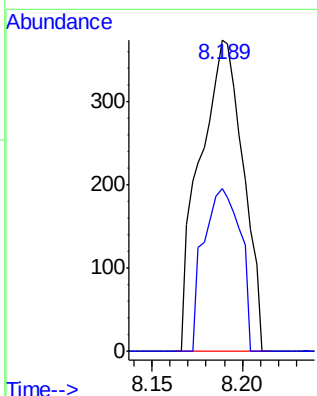
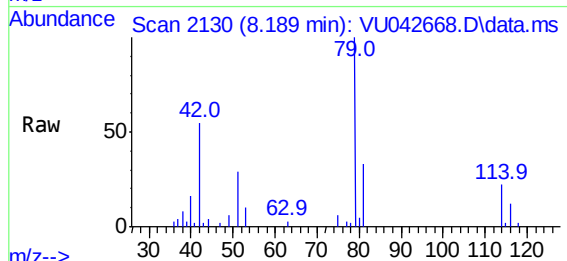


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042668.D
Acq: 15 Mar 2021 16:32

Instrument :
MSVOA_U
ClientSampleId :
C0AE2DL

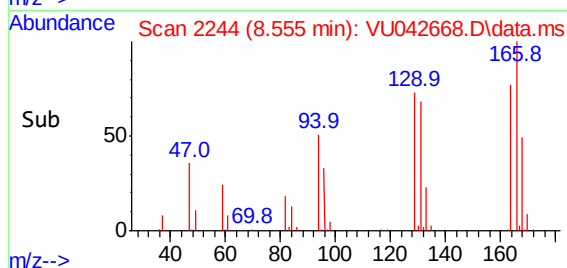
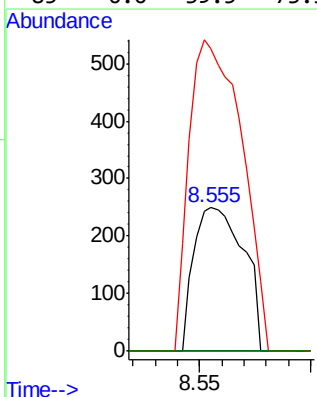
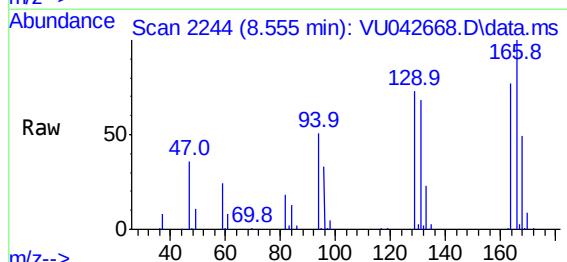
Tgt Ion: 75 Resp: 619
Ion Ratio Lower Upper
75 100
77 52.1 21.8 40.4#

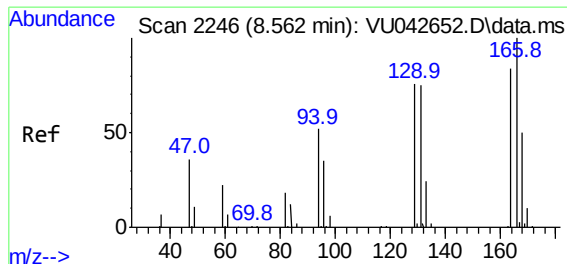


#45

1,1,2-Trichloroethane
Concen: 0.08 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.148 min
Lab File: VU042668.D
Acq: 15 Mar 2021 16:32

Tgt Ion: 97 Resp: 387
Ion Ratio Lower Upper
97 100
99 0.0 44.0 81.8#
83 211.6 57.6 107.0#
85 0.0 39.5 73.3#



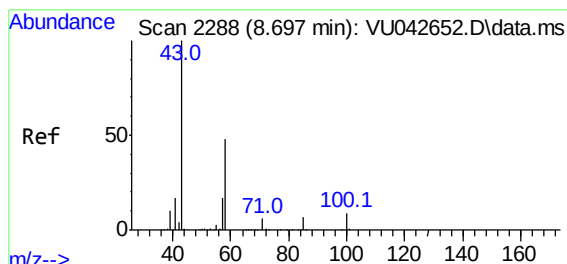
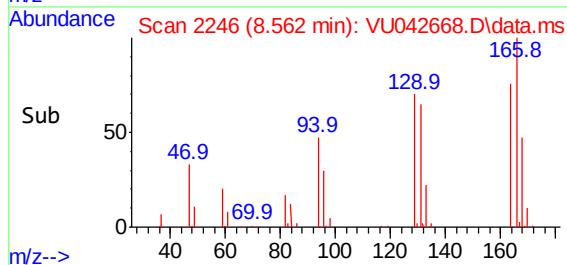
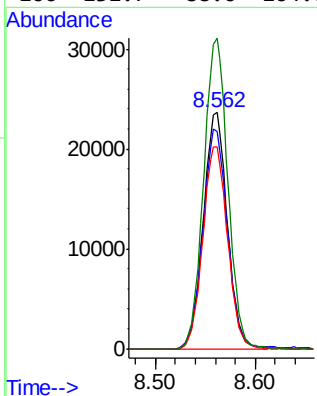
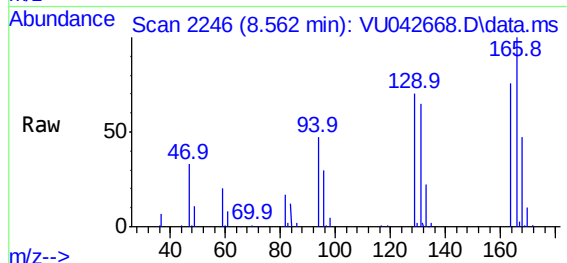


#47
Tetrachloroethene
Concen: 7.51 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042668.D
Acq: 15 Mar 2021 16:32

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 39500

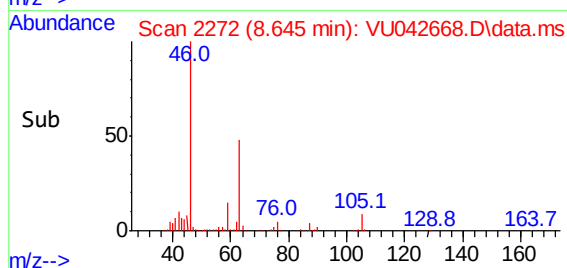
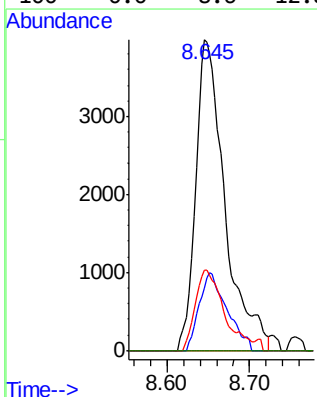
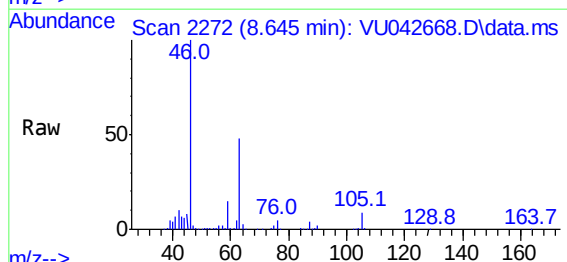
Ion	Ratio	Lower	Upper
164	100		
129	92.0	64.3	119.5
131	85.4	62.2	115.6
166	131.7	88.6	164.6

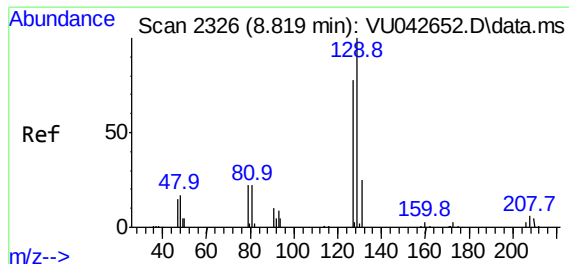


#48
2-Hexanone
Concen: 2.41 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042668.D
Acq: 15 Mar 2021 16:32

Tgt Ion: 43 Resp: 9726

Ion	Ratio	Lower	Upper
43	100		
58	23.9	40.6	61.0#
57	25.5	14.9	22.3#
100	0.0	8.6	12.8#

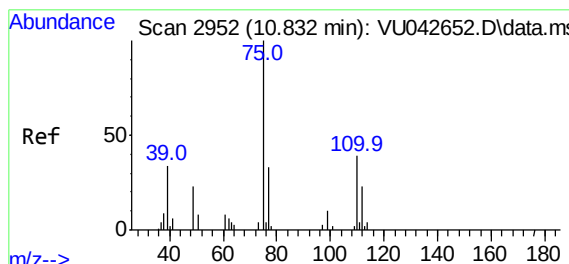
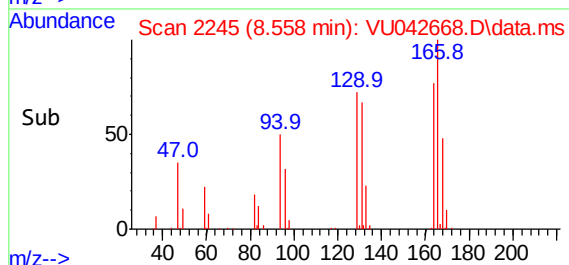
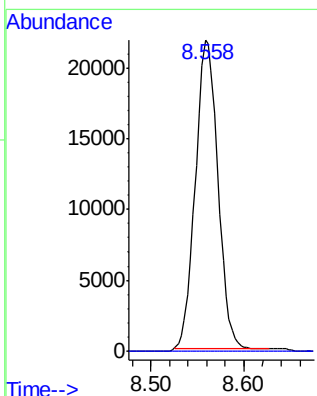
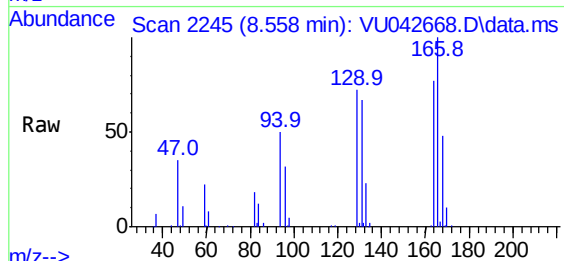




#49
Dibromochloromethane
Concen: 6.33 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU042668.D
Acq: 15 Mar 2021 16:32

Instrument :
MSVOA_U
ClientSampleId :
C0AE2DL

Tgt Ion:129 Resp: 36710
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 0.07 ug/L
RT: 10.632 min Scan# 2890
Delta R.T. -0.199 min
Lab File: VU042668.D
Acq: 15 Mar 2021 16:32

Tgt Ion: 75 Resp: 339
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#

