

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042740.D
 Acq On : 19 Mar 2021 23:38
 Operator : SY/MD
 Sample : M1743-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZE3

Quant Time: Mar 20 06:47:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 20 06:44:19 2021
 Response via : Initial Calibration

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

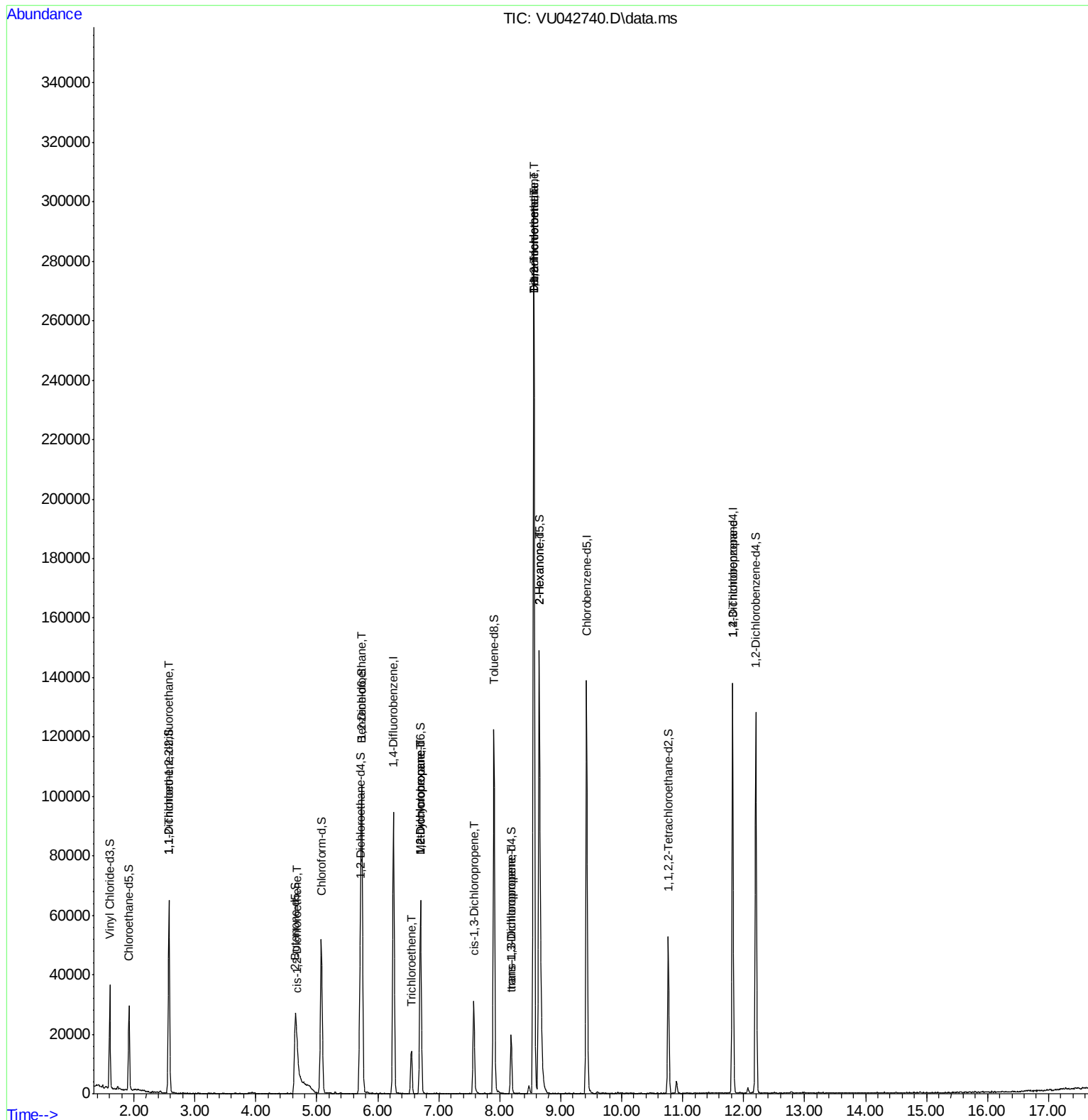
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	71946	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	71909	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34146	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23397	4.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	97.60%		
7) Chloroethane-d5	1.919	69	18886	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	104.00%		
11) 1,1-Dichloroethene-d2	2.575	63	39926	3.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	73.80%		
20) 2-Butanone-d5	4.649	46	67889	43.11	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	86.22%		
24) Chloroform-d	5.076	84	45835	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.60%		
26) 1,2-Dichloroethane-d4	5.713	65	30003	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	102.80%		
32) Benzene-d6	5.735	84	85107	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.60%		
36) 1,2-Dichloropropane-d6	6.700	67	28046	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	98.60%		
41) Toluene-d8	7.906	98	77109	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	89.60%		
43) trans-1,3-Dichloroprop...	8.186	79	11021	4.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	83.00%		
46) 2-Hexanone-d5	8.645	63	61374	48.24	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	96.48%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24577	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	97.00%		
64) 1,2-Dichlorobenzene-d4	12.201	152	31827	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	102.80%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	398	0.07	ug/L #	18
22) cis-1,2-Dichloroethene	4.674	96	915	0.16	ug/L	94
27) 1,2-Dichloroethane	5.732	62	454	0.06	ug/L #	75
34) Trichloroethene	6.549	95	4538	0.73	ug/L	94
35) Methylcyclohexane	6.700	83	6700	0.71	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	3317	0.55	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	792	0.09	ug/L #	64
44) trans-1,3-Dichloropropene	8.182	75	658	0.08	ug/L	100
45) 1,1,2-Trichloroethane	8.562	97	566	0.13	ug/L #	10
47) Tetrachloroethene	8.559	164	64052	12.60	ug/L	98
48) 2-Hexanone	8.645	43	10253	2.62	ug/L #	57
49) Dibromochloromethane	8.562	129	56851	10.14	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	4027	0.88	ug/L #	82

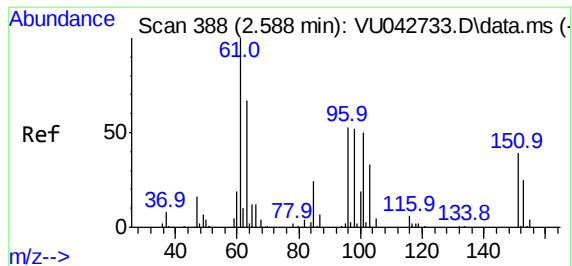
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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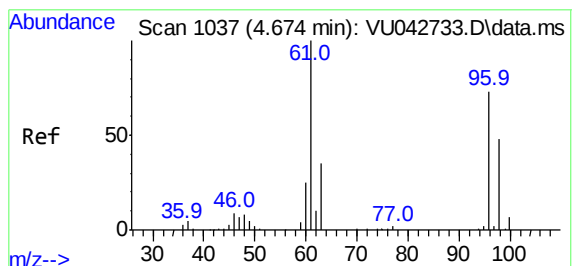
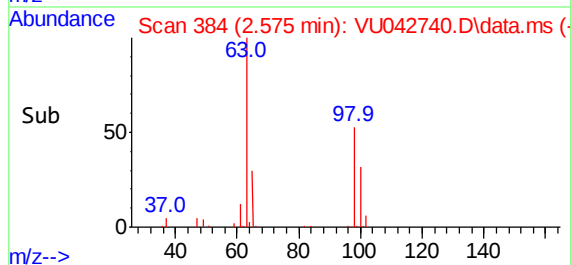
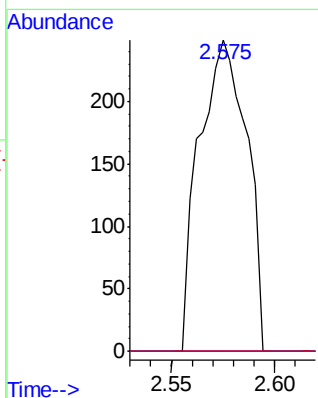
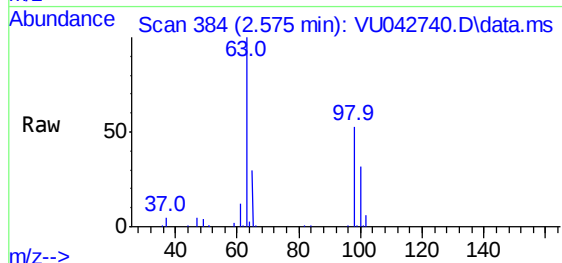




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.07 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042740.D
Acq: 19 Mar 2021 23:38

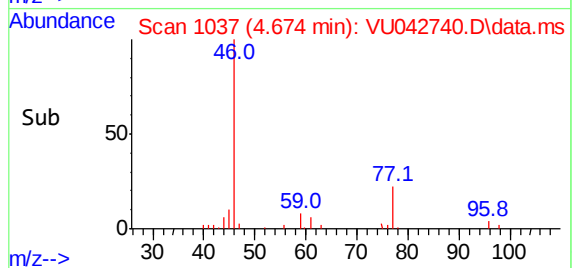
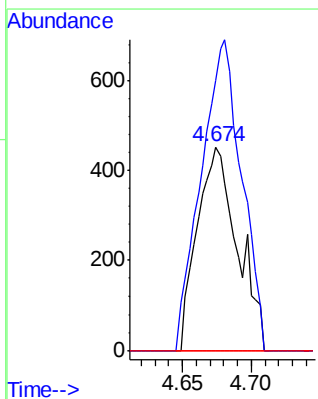
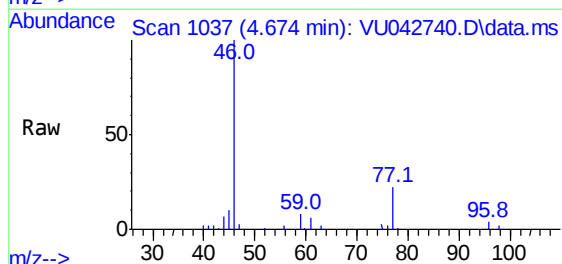
Instrument :
MSVOA_U
ClientSampleId :
ETZE3

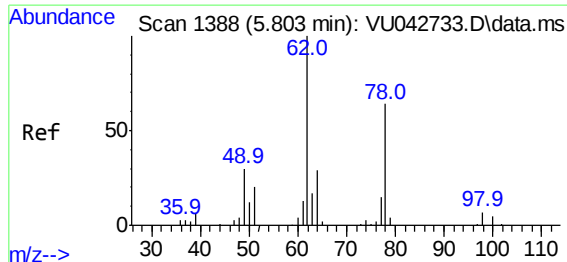
Tgt Ion:101 Resp: 398
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#22
cis-1,2-Dichloroethene
Concen: 0.16 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU042740.D
Acq: 19 Mar 2021 23:38

Tgt Ion: 96 Resp: 915
Ion Ratio Lower Upper
96 100
61 132.5 97.8 181.6
68 0.0 0.0 0.0

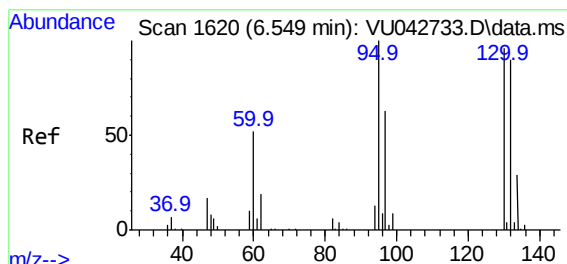
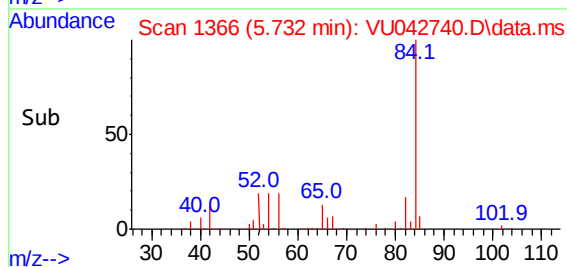
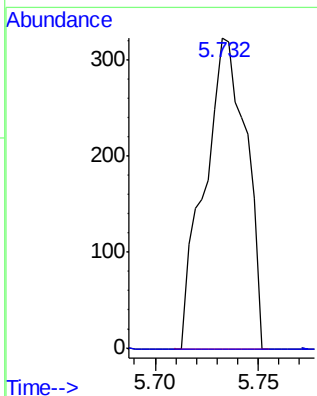
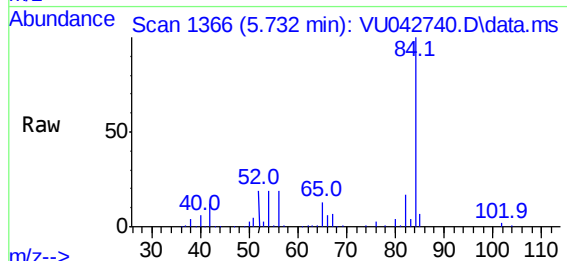




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU042740.D
Acq: 19 Mar 2021 23:38

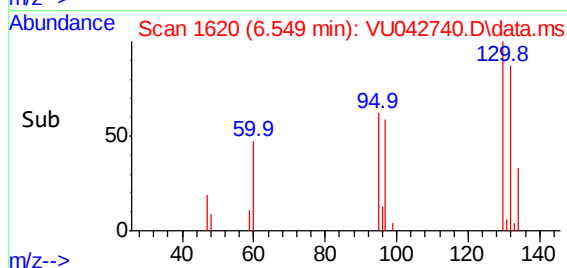
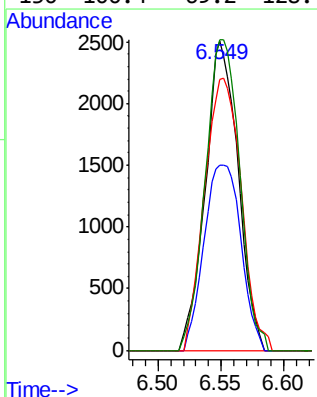
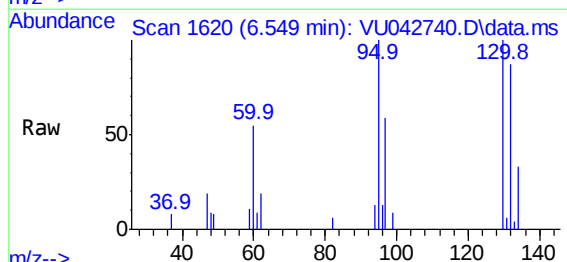
Instrument :
MSVOA_U
ClientSampled :
ETZE3

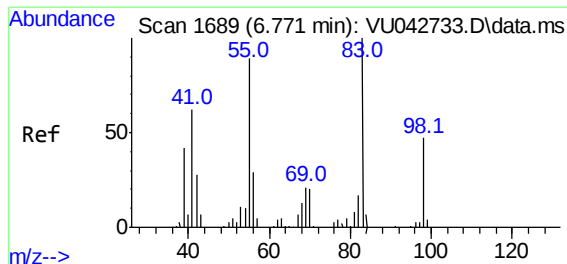
Tgt Ion: 62 Resp: 454
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#34
Trichloroethene
Concen: 0.73 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU042740.D
Acq: 19 Mar 2021 23:38

Tgt Ion: 95 Resp: 4538
Ion Ratio Lower Upper
95 100
97 59.7 44.4 82.4
132 87.4 68.0 126.4
130 100.4 69.2 128.4

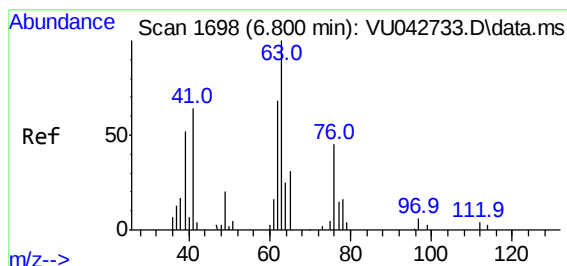
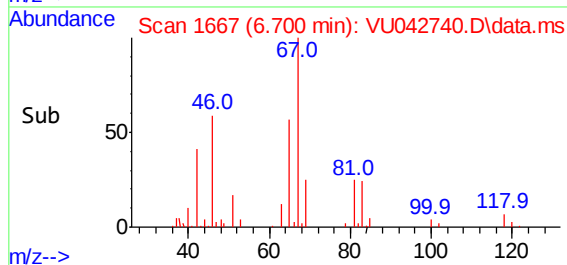
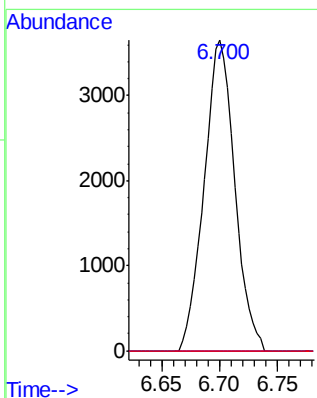
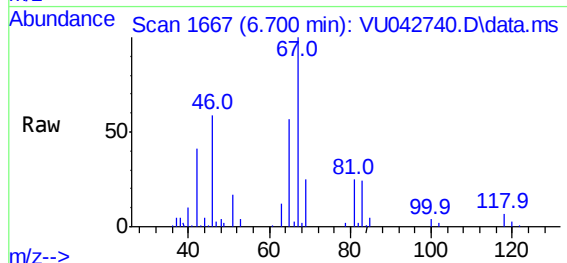




#35
Methylcyclohexane
Concen: 0.71 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042740.D
Acq: 19 Mar 2021 23:38

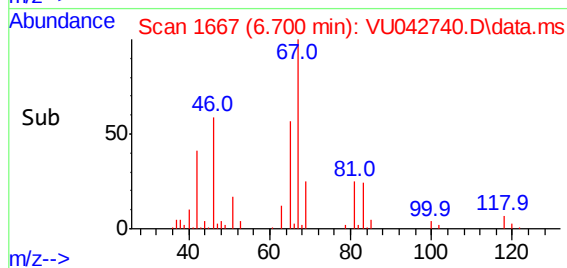
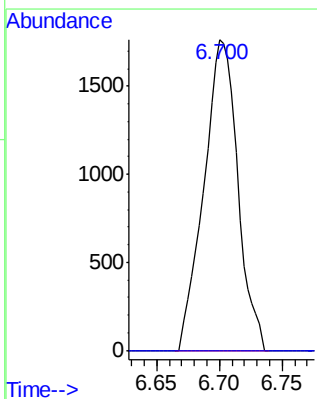
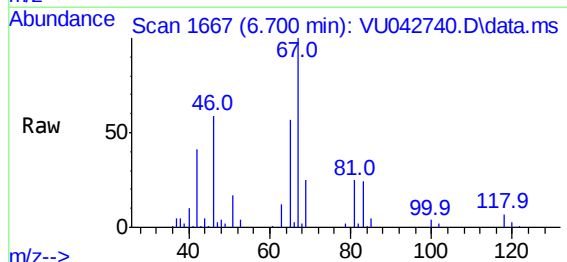
Instrument :
MSVOA_U
ClientSampled :
ETZE3

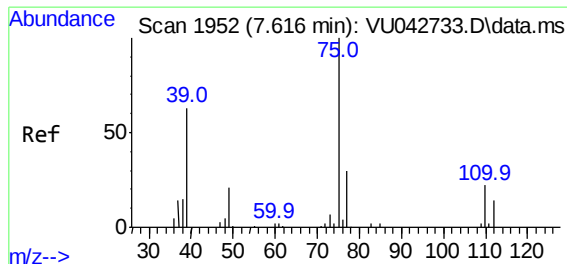
Tgt Ion: 83 Resp: 6700
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 2.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.55 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042740.D
Acq: 19 Mar 2021 23:38

Tgt Ion: 63 Resp: 3317
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

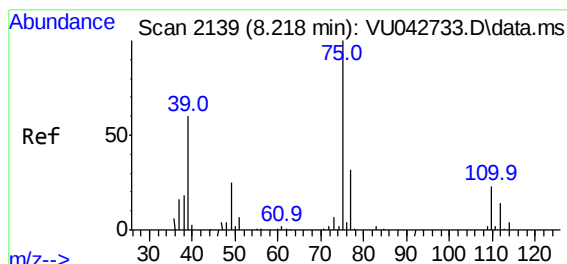
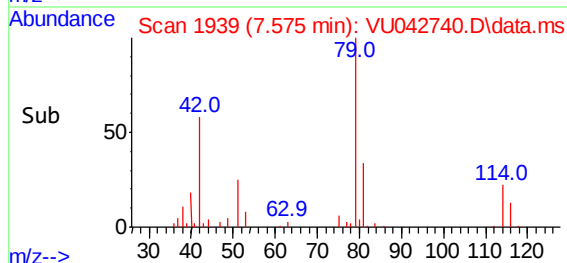
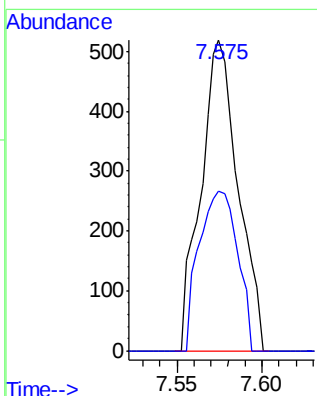
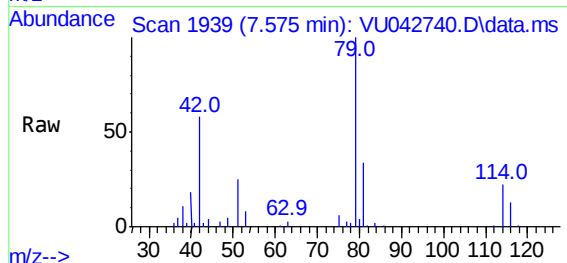




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042740.D
Acq: 19 Mar 2021 23:38

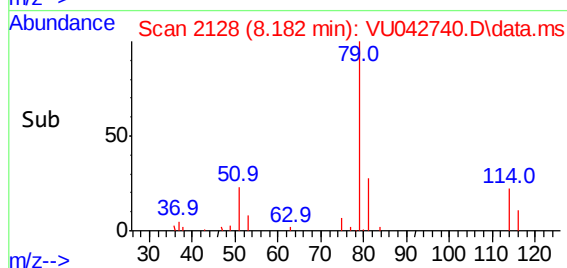
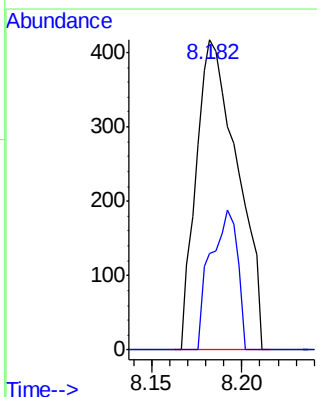
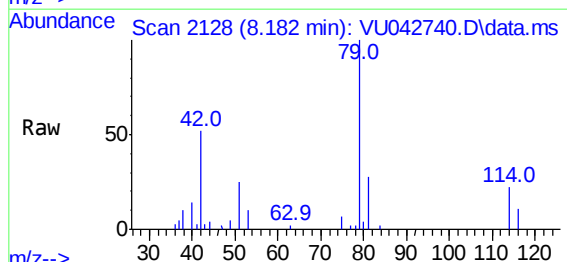
Instrument :
MSVOA_U
ClientSampled :
ETZE3

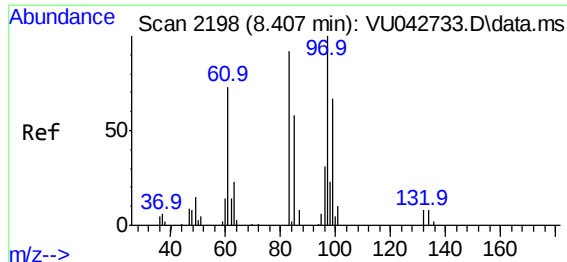
Tgt Ion: 75 Resp: 792
Ion Ratio Lower Upper
75 100
77 51.3 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.035 min
Lab File: VU042740.D
Acq: 19 Mar 2021 23:38

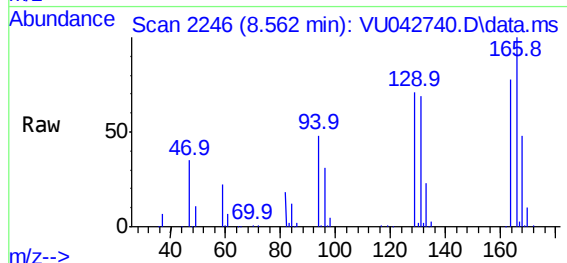
Tgt Ion: 75 Resp: 658
Ion Ratio Lower Upper
75 100
77 31.2 21.8 40.4





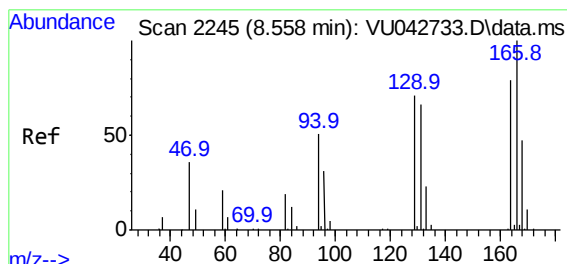
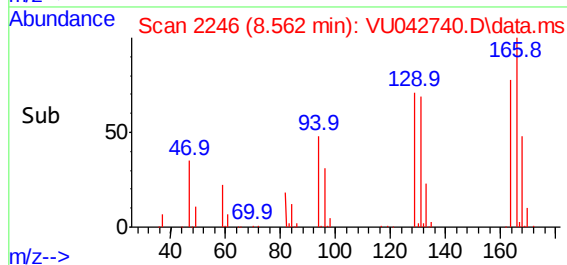
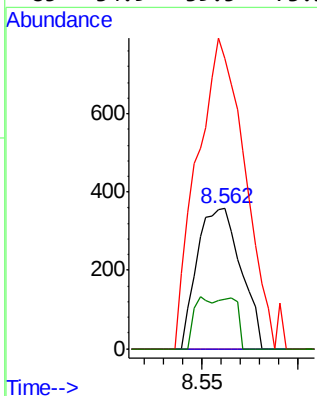
#45
1,1,2-Trichloroethane
Concen: 0.13 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.154 min
Lab File: VU042740.D
Acq: 19 Mar 2021 23:38

Instrument :
MSVOA_U
ClientSampleId :
ETZE3



Tgt Ion: 97 Resp: 566

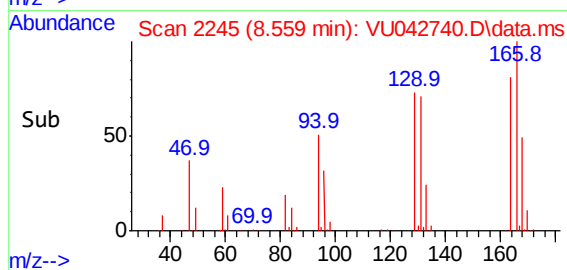
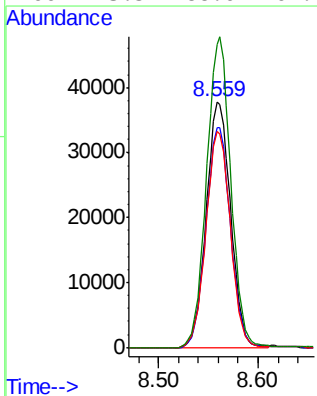
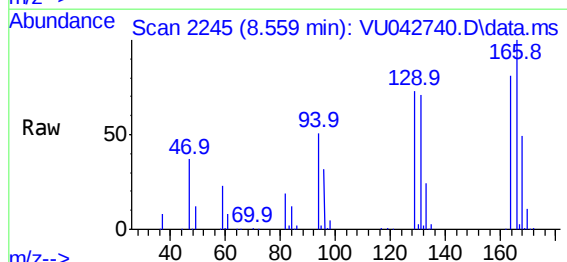
Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.0	81.8#
83	207.3	57.6	107.0#
85	34.9	39.5	73.3#

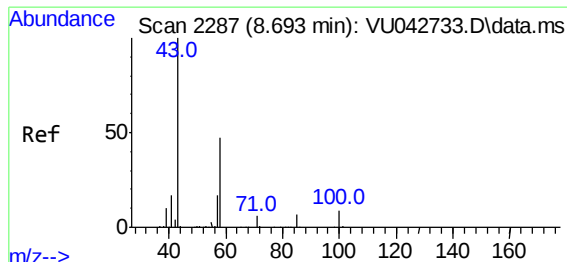


#47
Tetrachloroethene
Concen: 12.60 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU042740.D
Acq: 19 Mar 2021 23:38

Tgt Ion: 164 Resp: 64052

Ion	Ratio	Lower	Upper
164	100		
129	89.6	64.3	119.5
131	88.1	62.2	115.6
166	123.5	88.6	164.6

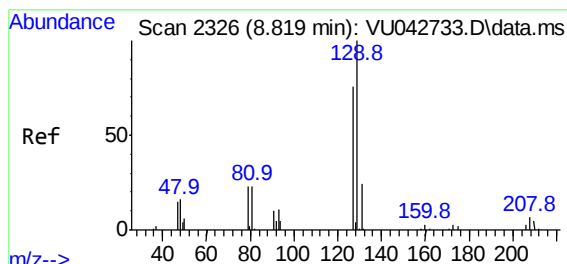
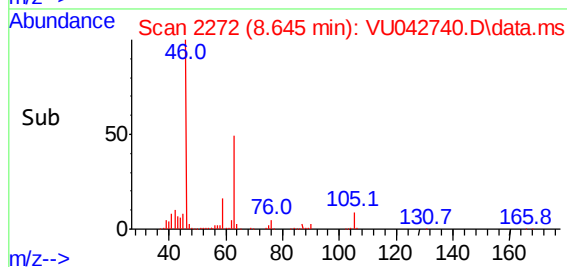
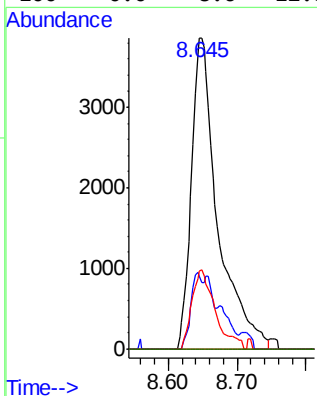
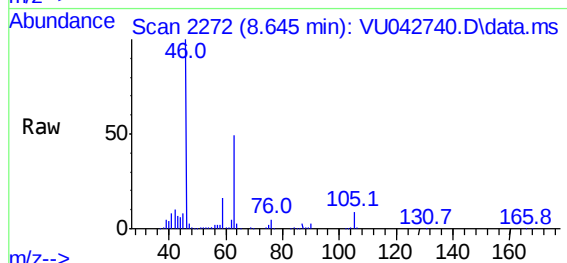




#48
2-Hexanone
Concen: 2.62 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042740.D
Acq: 19 Mar 2021 23:38

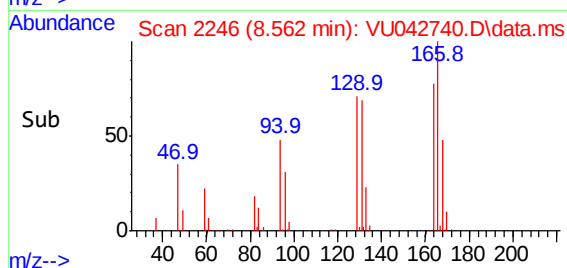
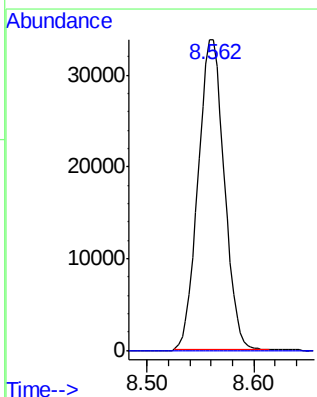
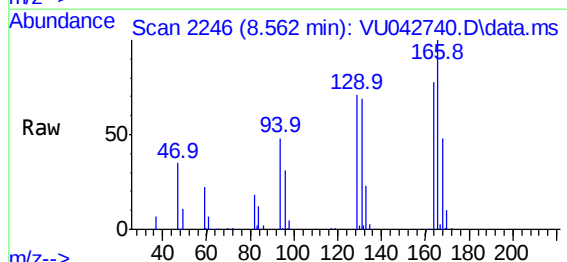
Instrument :
MSVOA_U
ClientSampled :
ETZE3

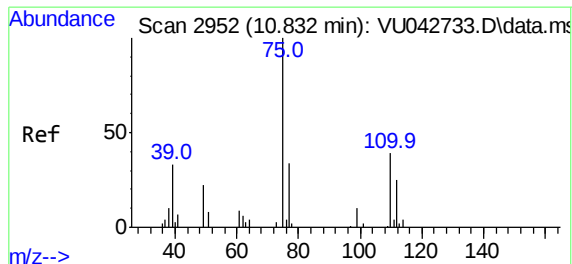
Tgt Ion: 43 Resp: 10253
Ion Ratio Lower Upper
43 100
58 10.2 40.6 61.0#
57 22.3 14.9 22.3
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 10.14 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042740.D
Acq: 19 Mar 2021 23:38

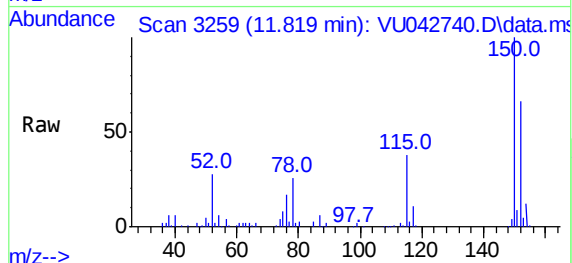
Tgt Ion: 129 Resp: 56851
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59
1,2,3-Trichloropropane
Concen: 0.88 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042740.D
Acq: 19 Mar 2021 23:38

Instrument :
MSVOA_U
ClientSampleId :
ETZE3



Tgt Ion: 75 Resp: 4027
Ion Ratio Lower Upper
75 100
77 42.7 26.0 39.0#

