

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042736.D
 Acq On : 19 Mar 2021 22:02
 Operator : SY/MD
 Sample : M1743-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZE1

Quant Time: Mar 20 06:45:29 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	71790	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	71994	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34725	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23967	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.919	69	19092	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.575	63	40133	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.649	46	62930	40.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.10%
24) Chloroform-d	5.073	84	46915	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.713	65	29597	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.735	84	84520	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.700	67	28573	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.906	98	77886	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloroprop...	8.189	79	10988	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.645	63	59411	46.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.28%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	23570	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	31502	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

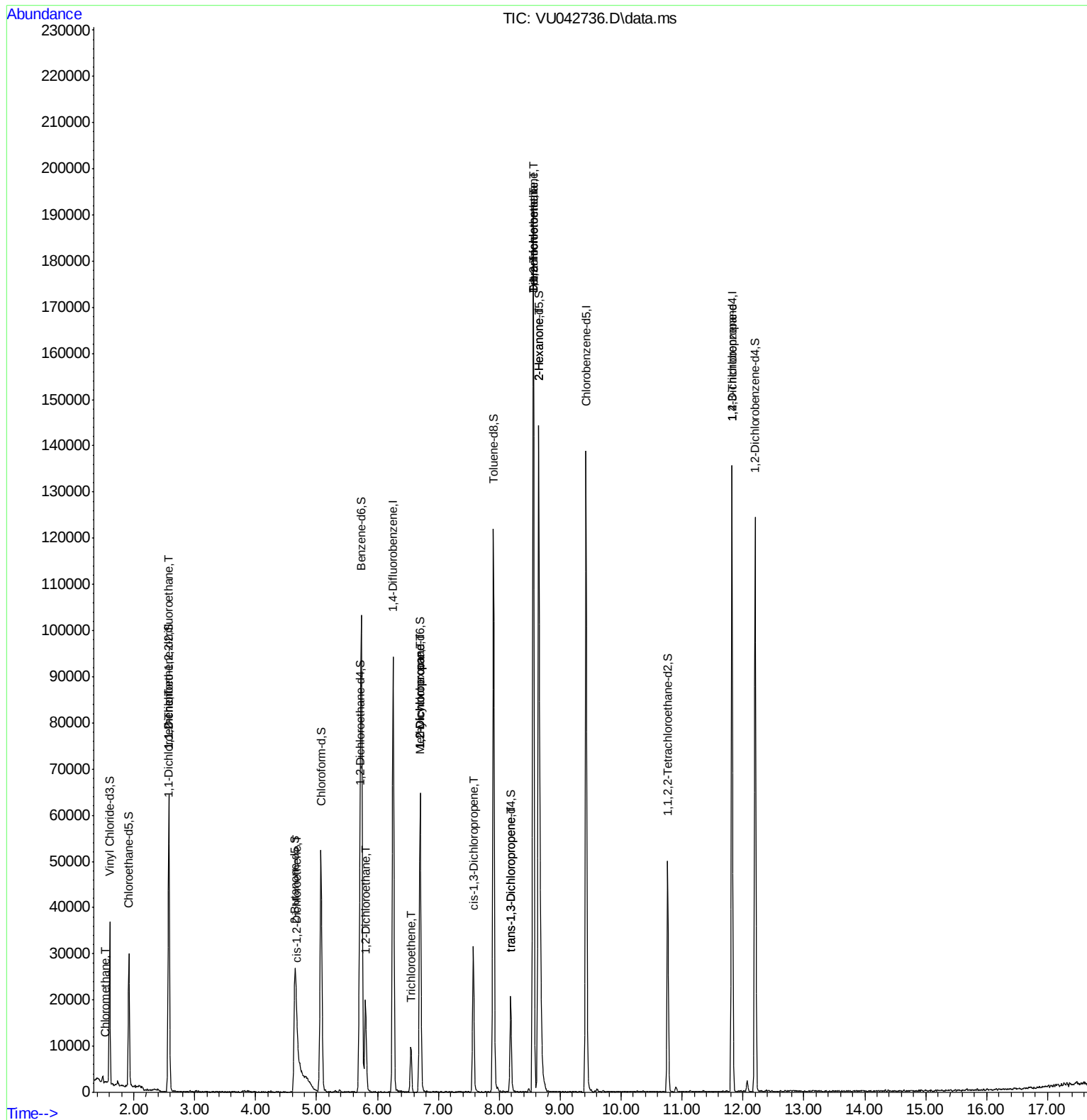
Target Compounds						Qvalue
3) Chloromethane	1.523	50	273	0.04	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	310	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	291	0.06	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	609	0.11	ug/L	93
27) 1,2-Dichloroethane	5.803	62	16580	2.05	ug/L #	93
34) Trichloroethene	6.552	95	3164	0.51	ug/L	93
35) Methylcyclohexane	6.697	83	6527	0.69	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	3667	0.60	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	784	0.09	ug/L	84
44) trans-1,3-Dichloropropene	8.186	75	453	0.06	ug/L #	30
45) 1,1,2-Trichloroethane	8.562	97	329	0.07	ug/L #	1
47) Tetrachloroethene	8.559	164	40415	7.94	ug/L	94
48) 2-Hexanone	8.645	43	9820	2.51	ug/L #	76
49) Dibromochloromethane	8.559	129	36210	6.45	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	4031	0.88	ug/L #	85

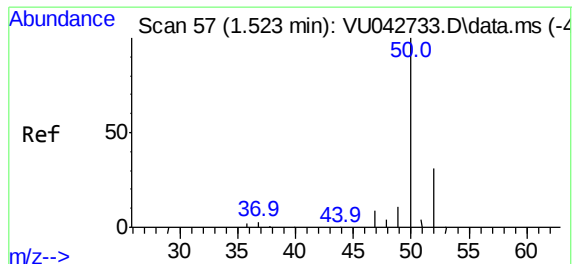
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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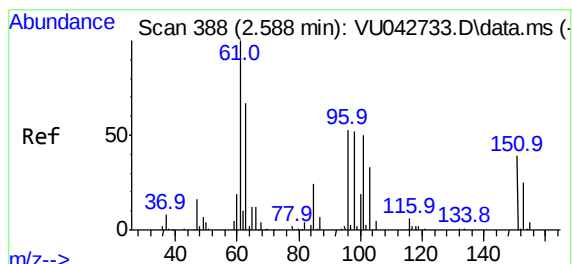
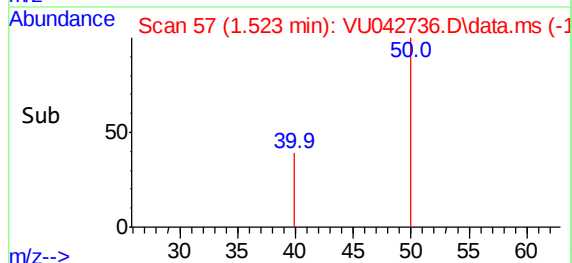
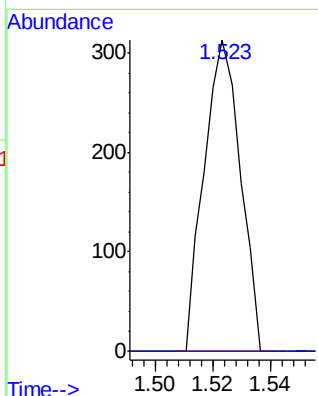
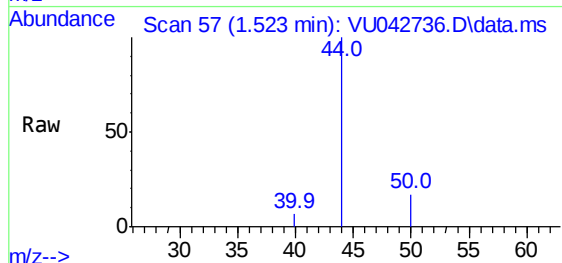




#3
Chloromethane
Concen: 0.04 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042736.D
Acq: 19 Mar 2021 22:02

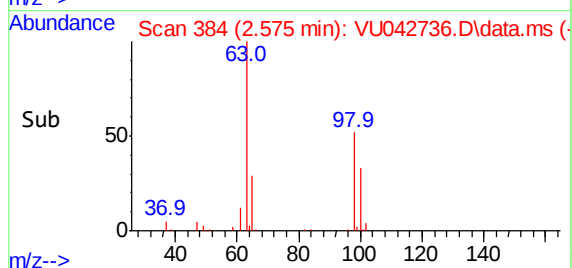
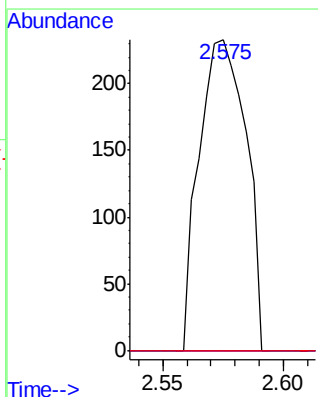
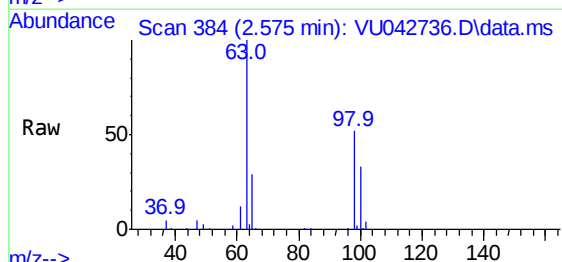
Instrument :
MSVOA_U
ClientSampled :
ETZE1

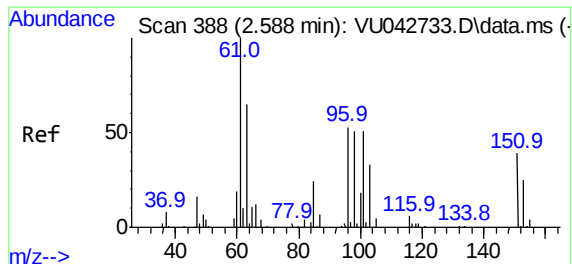
Tgt Ion: 50 Resp: 273
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042736.D
Acq: 19 Mar 2021 22:02

Tgt Ion:101 Resp: 310
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

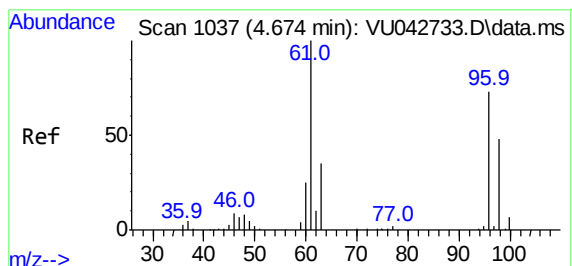
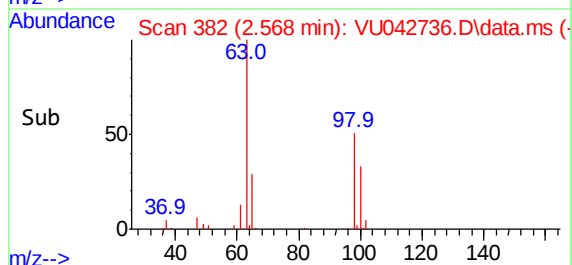
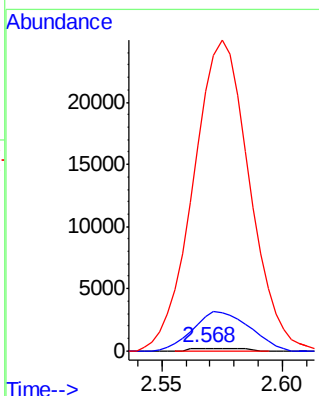
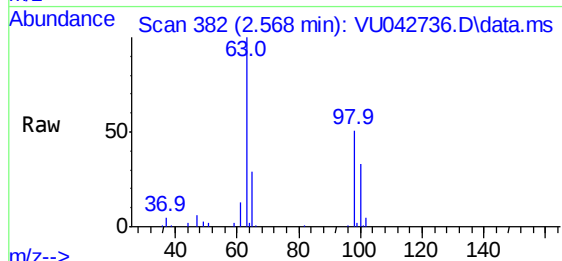




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU042736.D
Acq: 19 Mar 2021 22:02

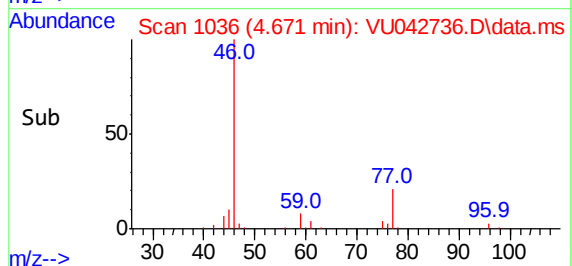
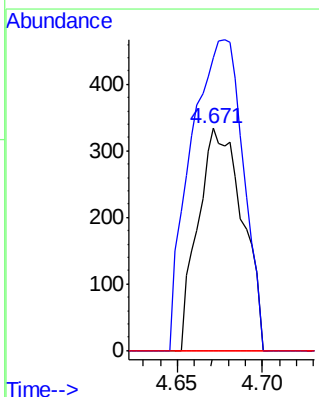
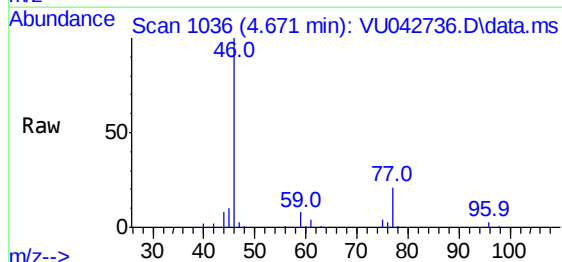
Instrument :
MSVOA_U
ClientSampleId :
ETZE1

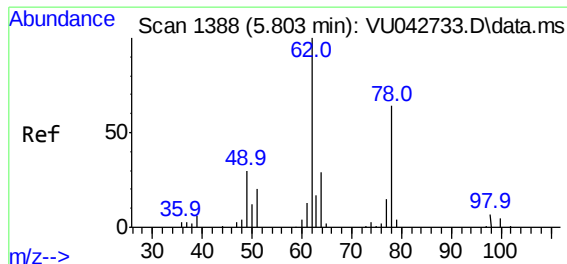
Tgt Ion: 96 Resp: 291
Ion Ratio Lower Upper
96 100
61 1424.0 126.2 234.4#
63 10632.7 77.8 144.4#



#22
cis-1,2-Dichloroethene
Concen: 0.11 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU042736.D
Acq: 19 Mar 2021 22:02

Tgt Ion: 96 Resp: 609
Ion Ratio Lower Upper
96 100
61 131.7 97.8 181.6
68 0.0 0.0 0.0

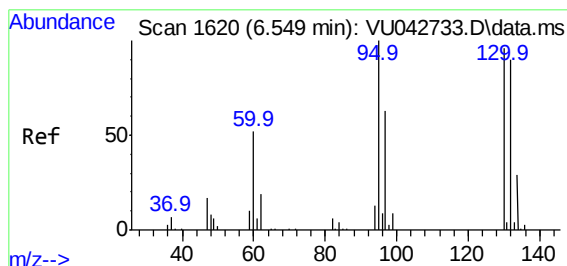
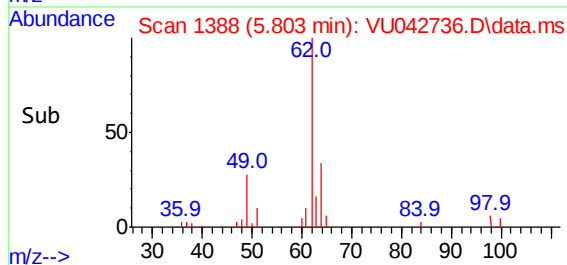
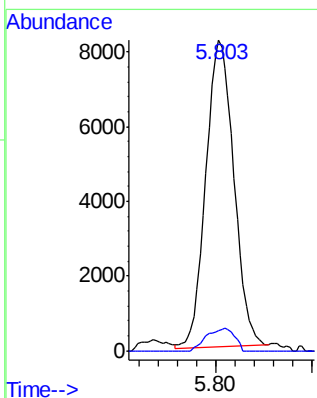
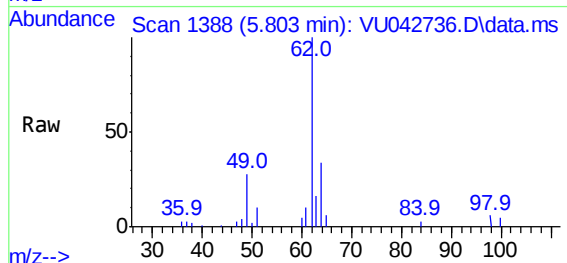




#27
1,2-Dichloroethane
Concen: 2.05 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU042736.D
Acq: 19 Mar 2021 22:02

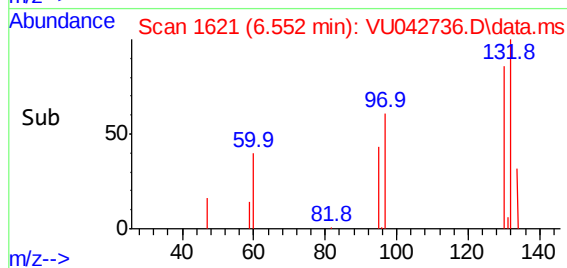
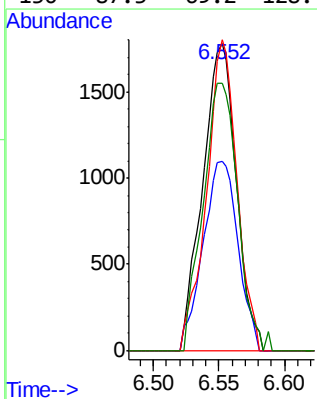
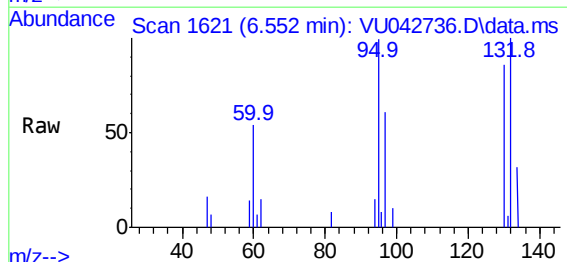
Instrument :
MSVOA_U
ClientSampled :
ETZE1

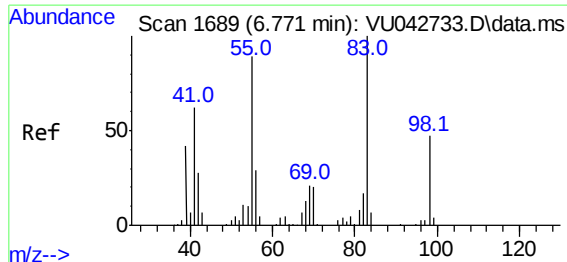
Tgt Ion: 62 Resp: 16580
Ion Ratio Lower Upper
62 100
98 6.4 7.3 10.9#



#34
Trichloroethene
Concen: 0.51 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042736.D
Acq: 19 Mar 2021 22:02

Tgt Ion: 95 Resp: 3164
Ion Ratio Lower Upper
95 100
97 61.8 44.4 82.4
132 101.3 68.0 126.4
130 87.3 69.2 128.4

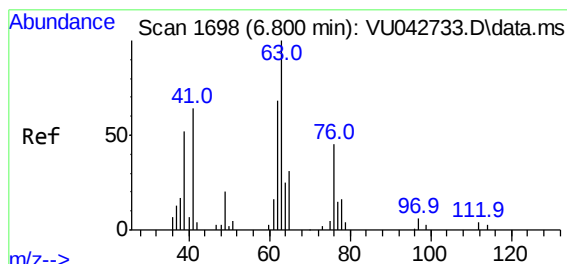
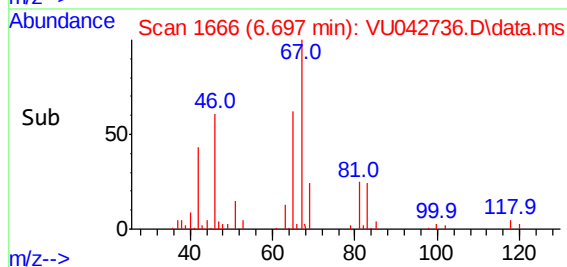
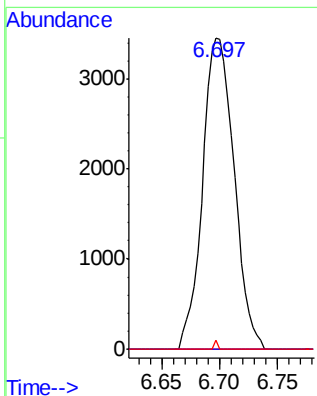
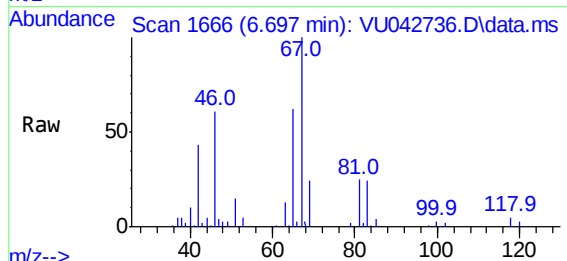




#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042736.D
Acq: 19 Mar 2021 22:02

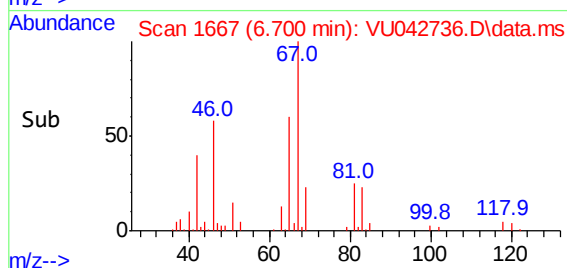
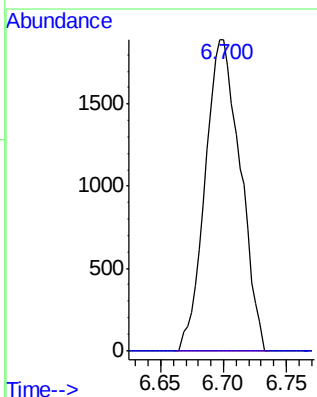
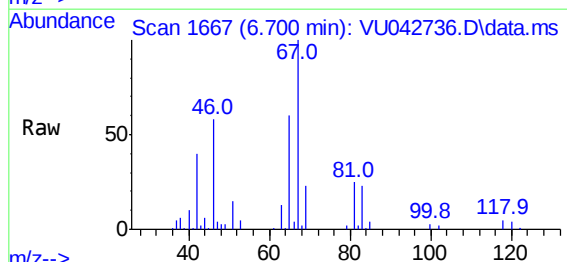
Instrument :
MSVOA_U
ClientSampled :
ETZE1

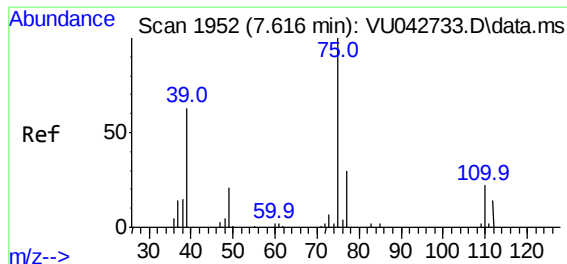
Tgt Ion: 83 Resp: 6527
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.3 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042736.D
Acq: 19 Mar 2021 22:02

Tgt Ion: 63 Resp: 3667
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

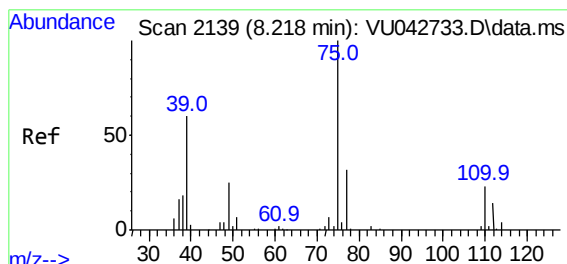
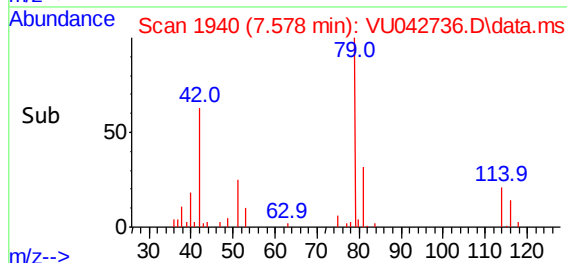
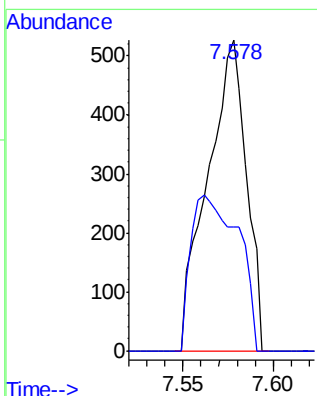
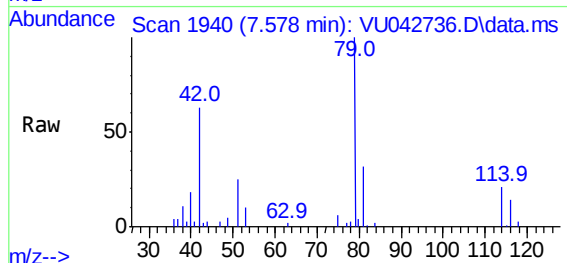




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.038 min
Lab File: VU042736.D
Acq: 19 Mar 2021 22:02

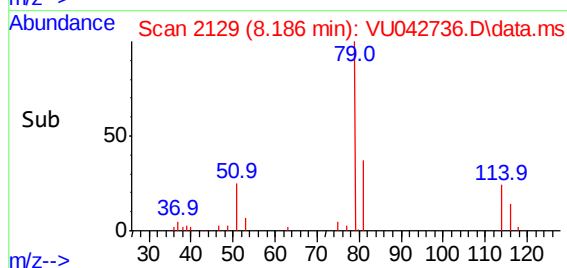
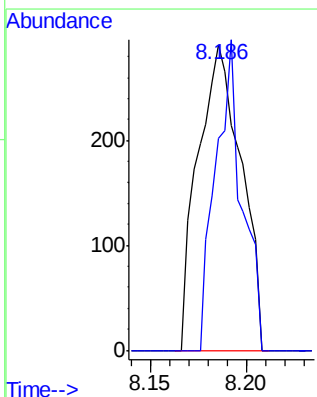
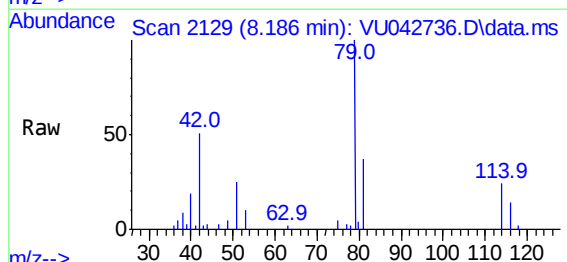
Instrument :
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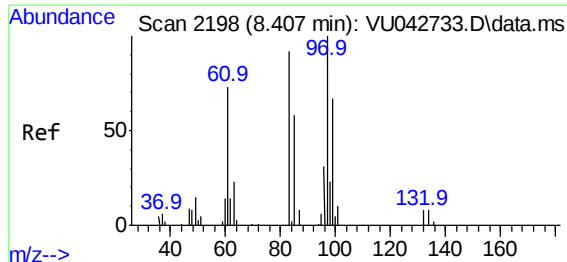
Tgt Ion: 75 Resp: 784
Ion Ratio Lower Upper
75 100
77 40.0 22.0 40.8



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042736.D
Acq: 19 Mar 2021 22:02

Tgt Ion: 75 Resp: 453
Ion Ratio Lower Upper
75 100
77 69.4 21.8 40.4#



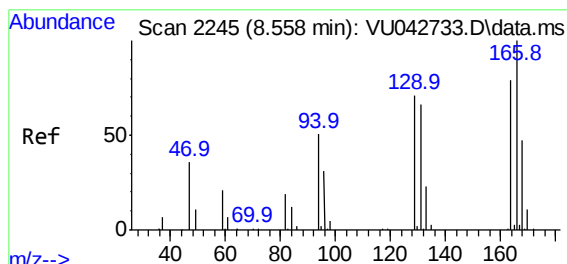
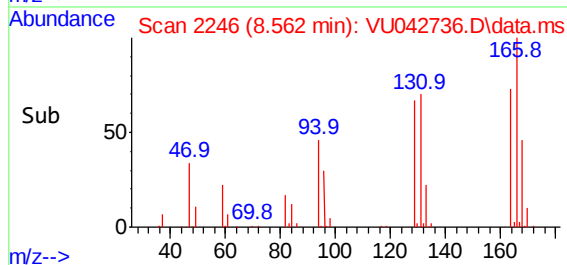
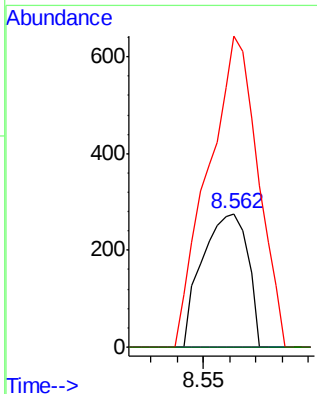
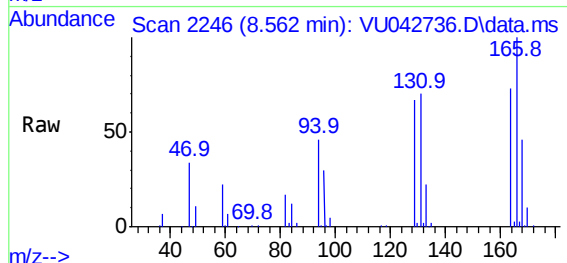


#45
1,1,2-Trichloroethane
Concen: 0.07 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.154 min
Lab File: VU042736.D
Acq: 19 Mar 2021 22:02

Instrument :
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ClientSampleId :
ETZE1

Tgt Ion: 97 Resp: 329

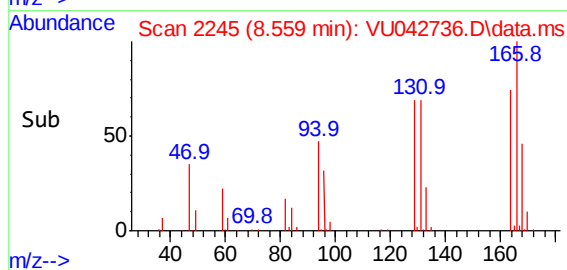
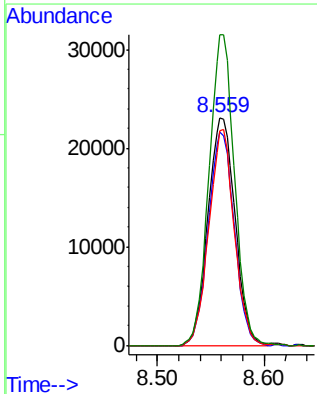
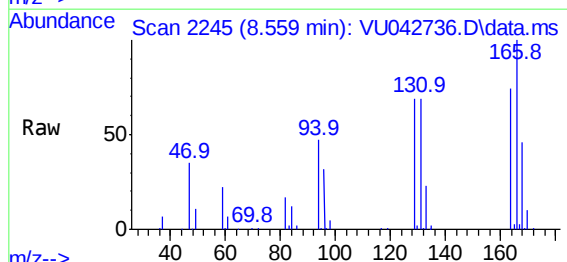
Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.0	81.8#
83	233.8	57.6	107.0#
85	0.0	39.5	73.3#

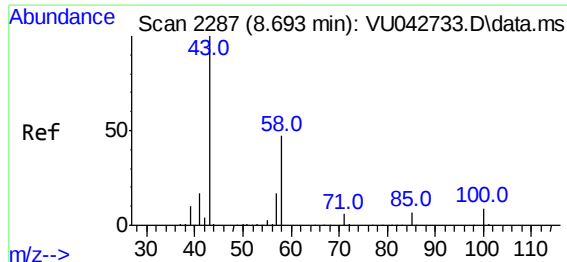


#47
Tetrachloroethene
Concen: 7.94 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU042736.D
Acq: 19 Mar 2021 22:02

Tgt Ion: 164 Resp: 40415

Ion	Ratio	Lower	Upper
164	100		
129	93.5	64.3	119.5
131	94.2	62.2	115.6
166	136.0	88.6	164.6

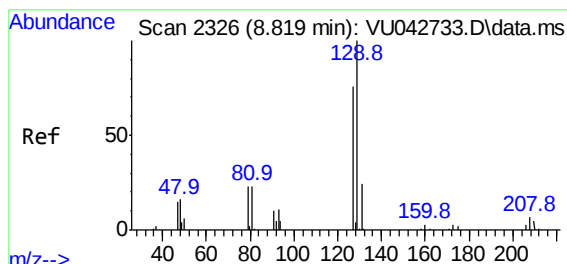
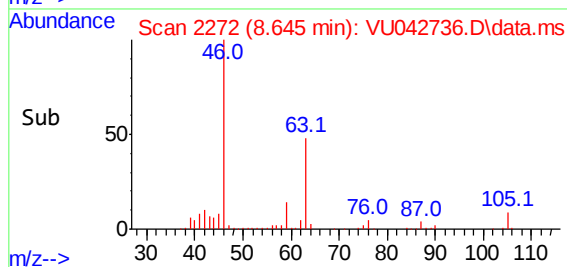
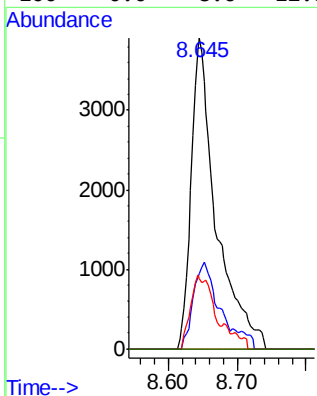
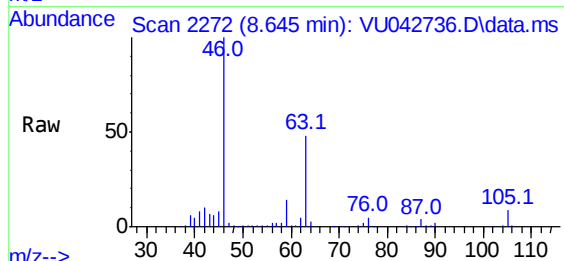




#48
2-Hexanone
Concen: 2.51 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042736.D
Acq: 19 Mar 2021 22:02

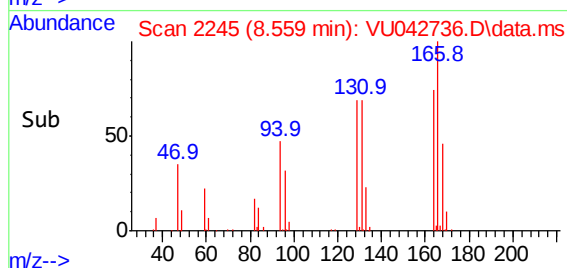
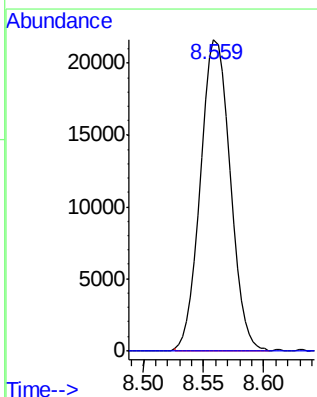
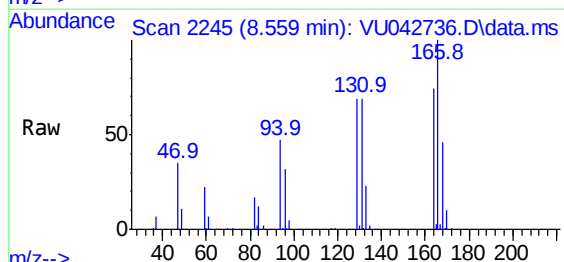
Instrument :
MSVOA_U
ClientSampleId :
ETZE1

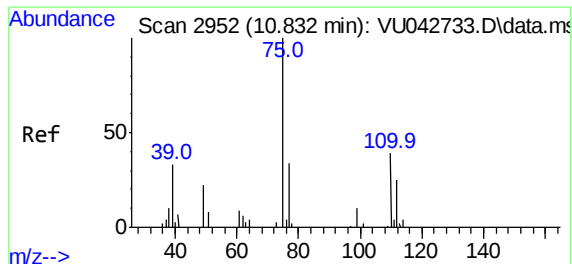
Tgt Ion: 43 Resp: 9820
Ion Ratio Lower Upper
43 100
58 30.2 40.6 61.0#
57 21.0 14.9 22.3
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 6.45 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU042736.D
Acq: 19 Mar 2021 22:02

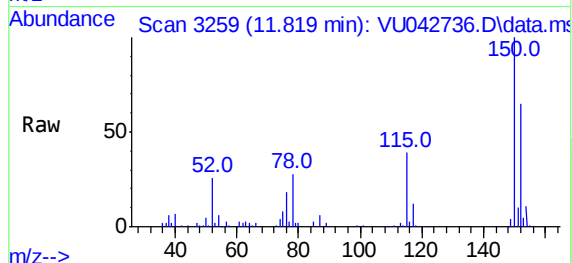
Tgt Ion: 129 Resp: 36210
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.88 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042736.D
 Acq: 19 Mar 2021 22:02

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZE1



Tgt Ion: 75 Resp: 4031
 Ion Ratio Lower Upper
 75 100
 77 40.7 26.0 39.0#

