

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042739.D
 Acq On : 19 Mar 2021 23:14
 Operator : SY/MD
 Sample : M1743-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZE2

Quant Time: Mar 20 06:46:41 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)

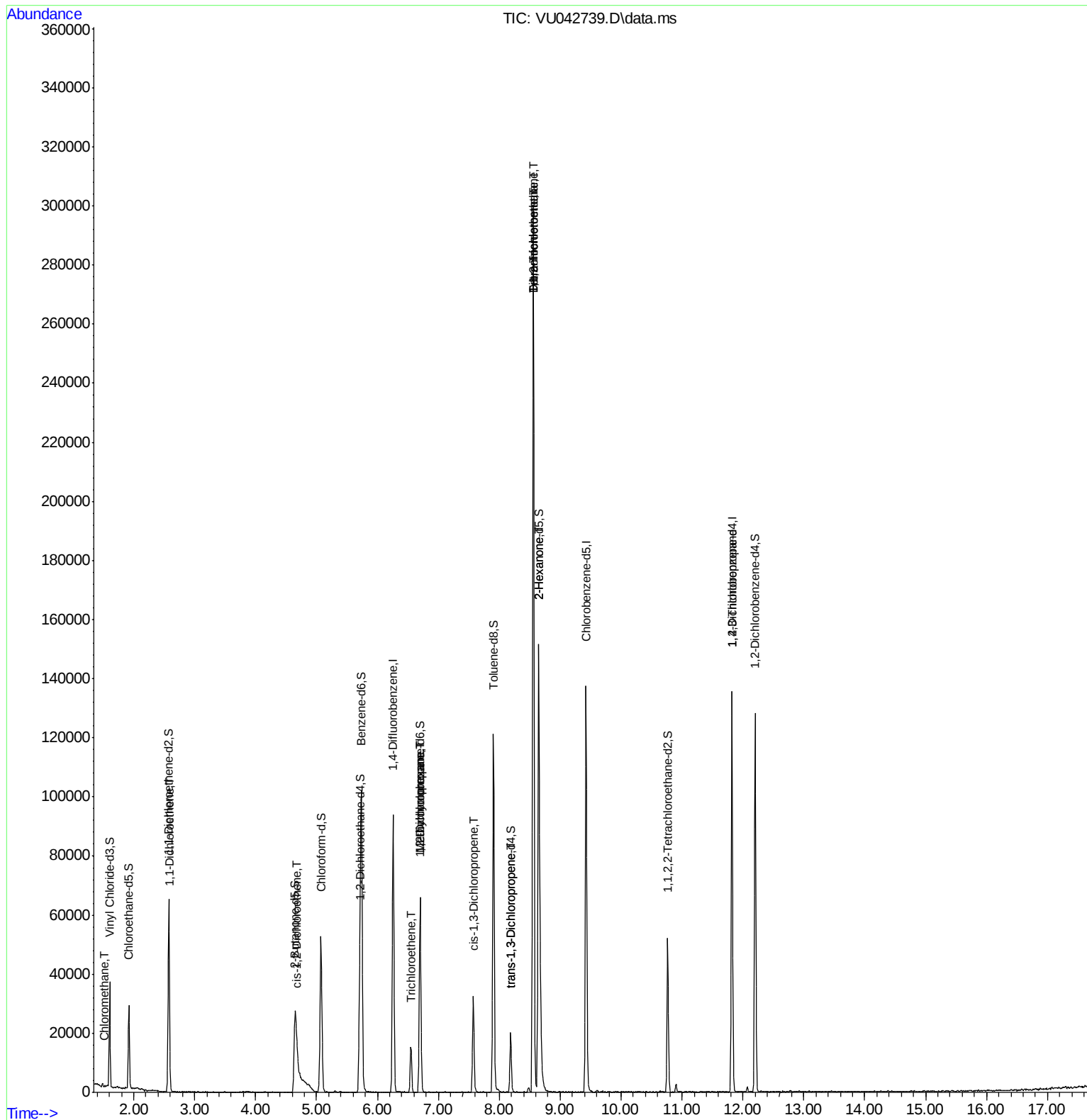
Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	70042	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	71924	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	33490	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23808	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.919	69	18875	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.575	63	39722	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.649	46	76477	49.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.76%
24) Chloroform-d	5.073	84	46846	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.710	65	29634	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.736	84	84572	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.700	67	27715	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.906	98	76982	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloroprop...	8.186	79	10807	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.646	63	60057	47.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.38%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24444	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.202	152	31555	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%
Target Compounds						
3) Chloromethane	1.520	50	314	0.05	ug/L #	42
12) 1,1-Dichloroethene	2.581	96	361	0.07	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	862	0.16	ug/L	97
34) Trichloroethene	6.552	95	4943	0.79	ug/L	97
35) Methylcyclohexane	6.700	83	6470	0.68	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	3494	0.58	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	884	0.10	ug/L #	76
44) trans-1,3-Dichloropropene	8.186	75	506	0.06	ug/L	90
45) 1,1,2-Trichloroethane	8.559	97	640	0.14	ug/L #	32
47) Tetrachloroethene	8.559	164	62942	12.37	ug/L	99
48) 2-Hexanone	8.646	43	9832	2.52	ug/L #	68
49) Dibromochloromethane	8.559	129	57218	10.20	ug/L #	13
59) 1,2,3-Trichloropropane	11.819	75	4352	0.95	ug/L	93

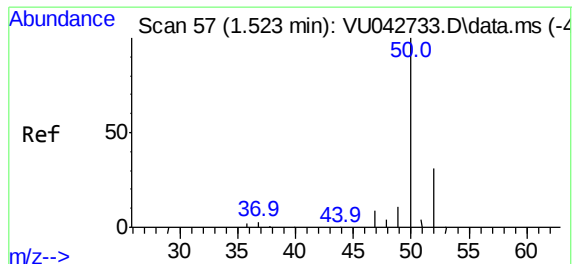
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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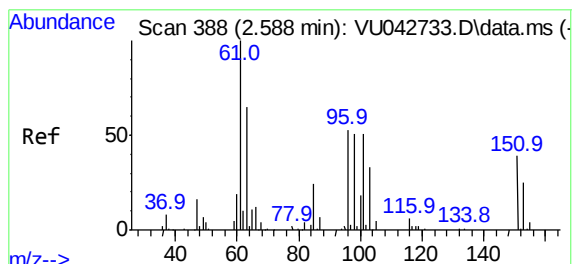
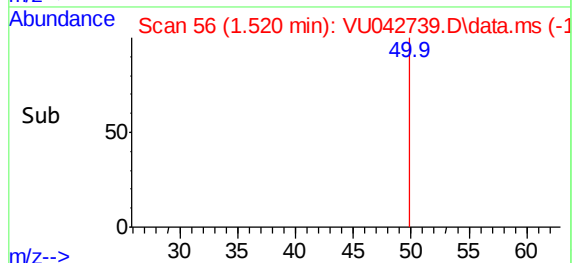
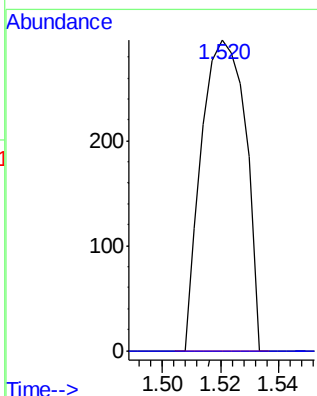
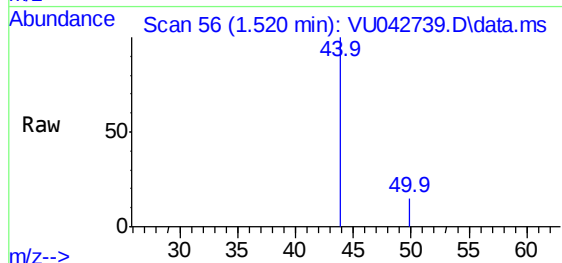




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042739.D
Acq: 19 Mar 2021 23:14

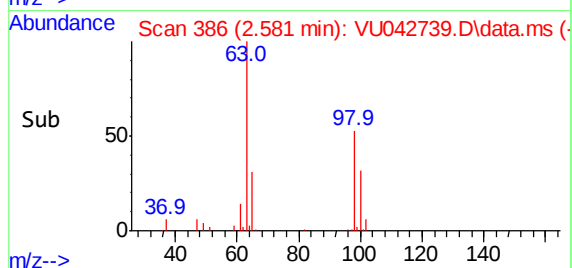
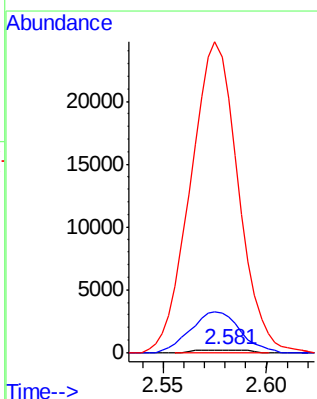
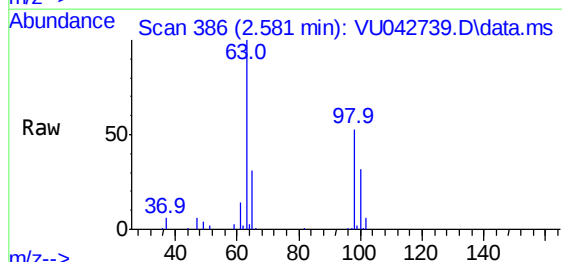
Instrument :
MSVOA_U
ClientSampleId :
ETZE2

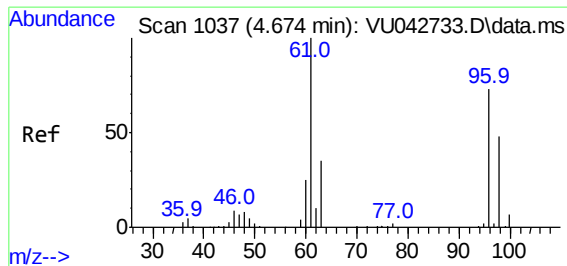
Tgt Ion: 50 Resp: 314
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.07 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU042739.D
Acq: 19 Mar 2021 23:14

Tgt Ion: 96 Resp: 361
Ion Ratio Lower Upper
96 100
61 1360.5 126.2 234.4#
63 9630.5 77.8 144.4#



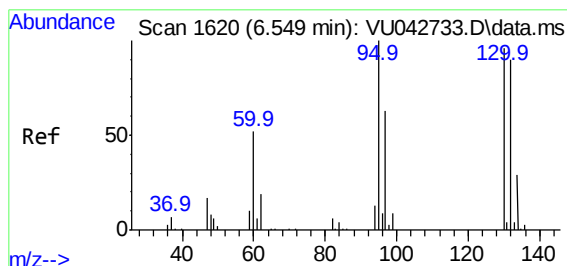
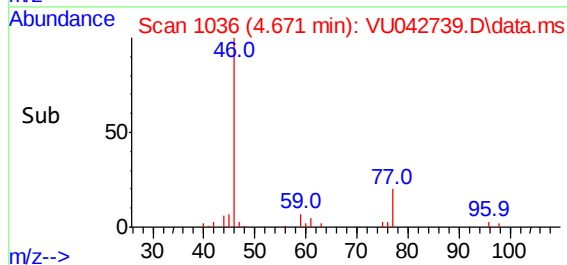
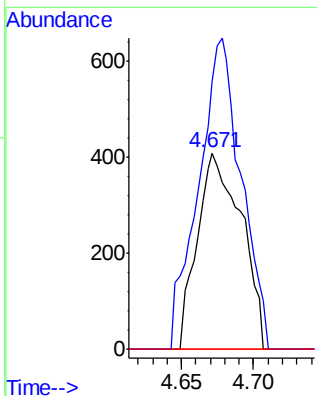
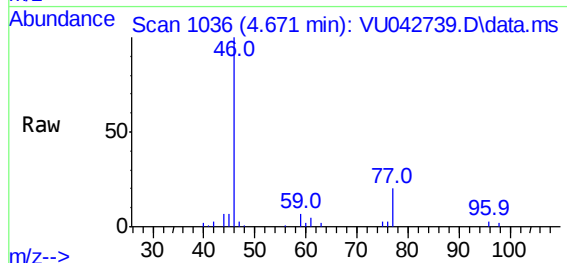


#22
cis-1,2-Dichloroethene
Concen: 0.16 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU042739.D
Acq: 19 Mar 2021 23:14

Instrument :
MSVOA_U
ClientSampleId :
ETZE2

Tgt Ion: 96 Resp: 862

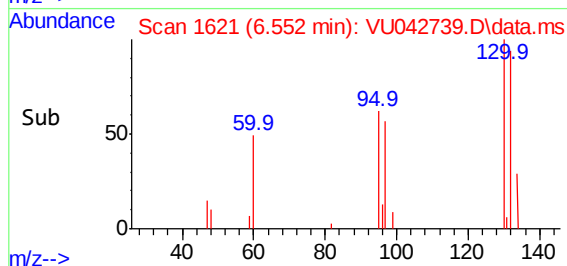
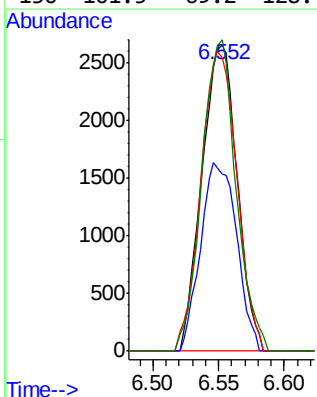
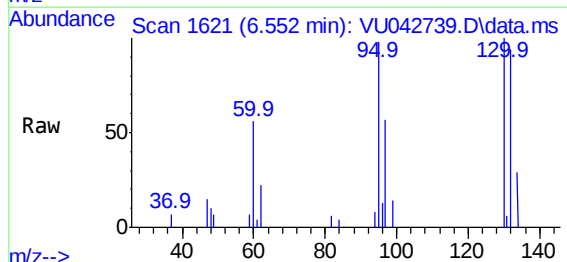
Ion	Ratio	Lower	Upper
96	100		
61	136.2	97.8	181.6
68	0.0	0.0	0.0

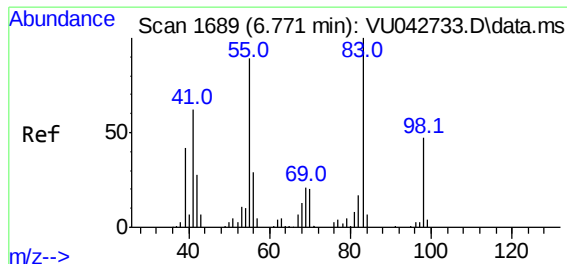


#34
Trichloroethene
Concen: 0.79 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.004 min
Lab File: VU042739.D
Acq: 19 Mar 2021 23:14

Tgt Ion: 95 Resp: 4943

Ion	Ratio	Lower	Upper
95	100		
97	57.8	44.4	82.4
132	95.9	68.0	126.4
130	101.5	69.2	128.4

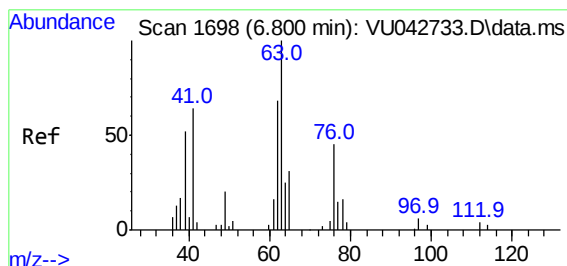
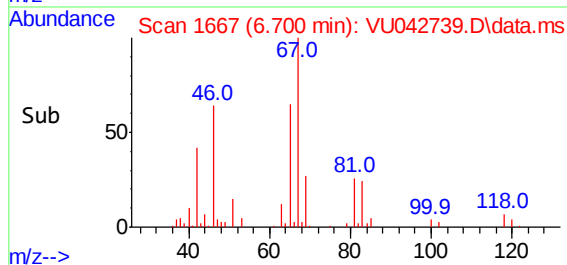
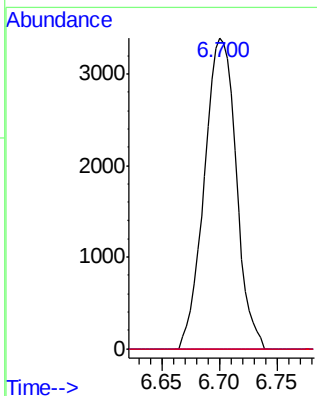
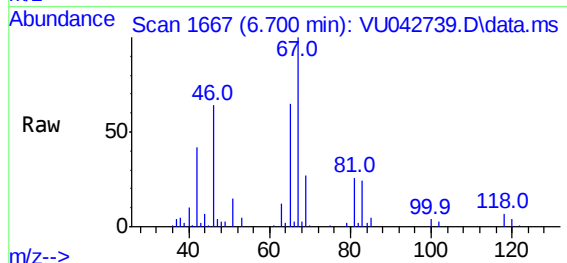




#35
Methylcyclohexane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.070 min
Lab File: VU042739.D
Acq: 19 Mar 2021 23:14

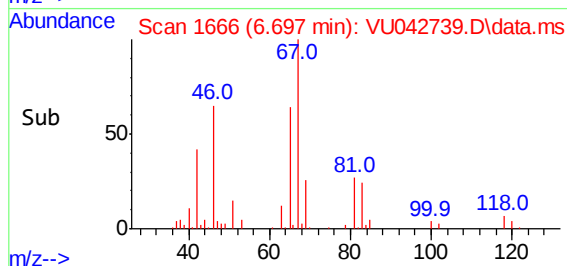
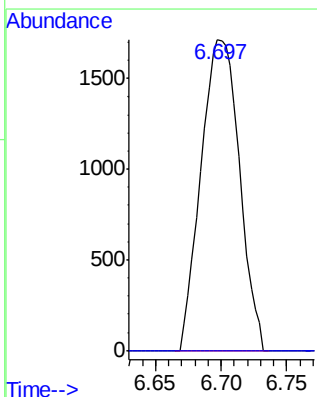
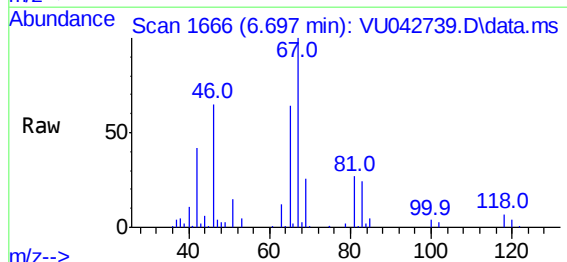
Instrument :
MSVOA_U
ClientSampled :
ETZE2

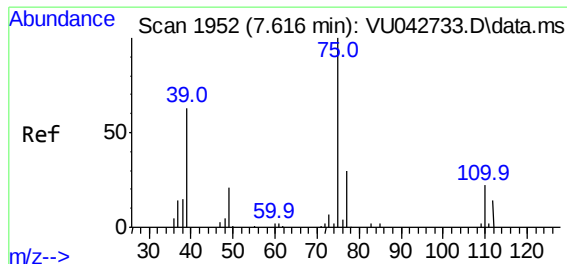
Tgt Ion: 83 Resp: 6470
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 3.7 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042739.D
Acq: 19 Mar 2021 23:14

Tgt Ion: 63 Resp: 3494
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

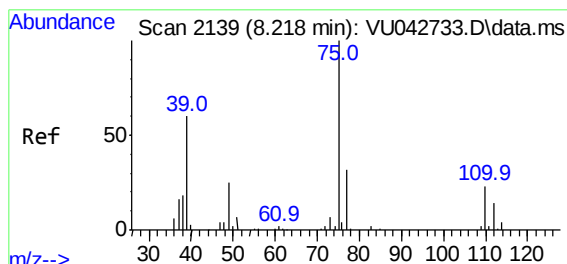
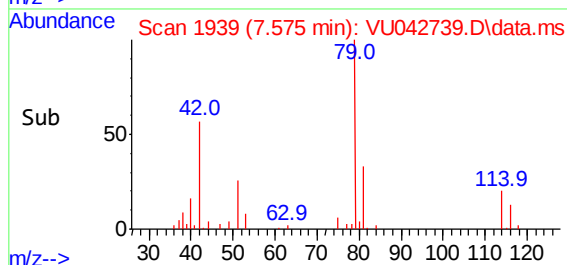
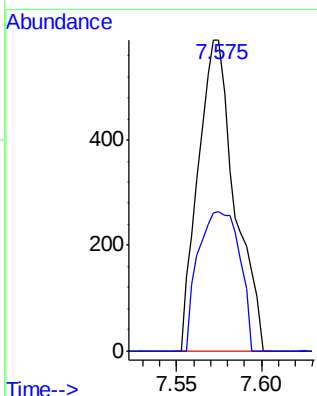
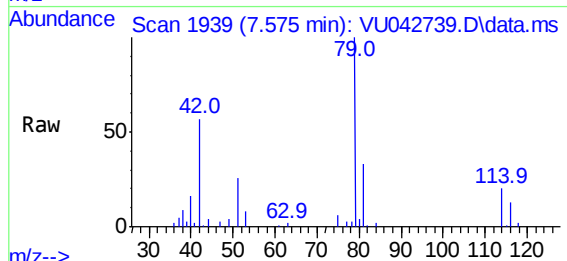




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.041 min
Lab File: VU042739.D
Acq: 19 Mar 2021 23:14

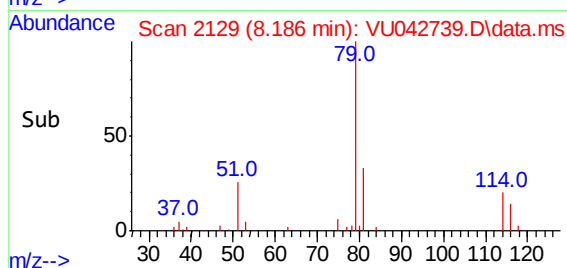
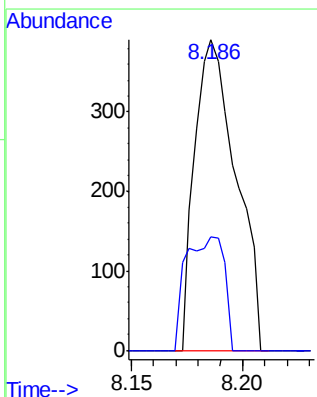
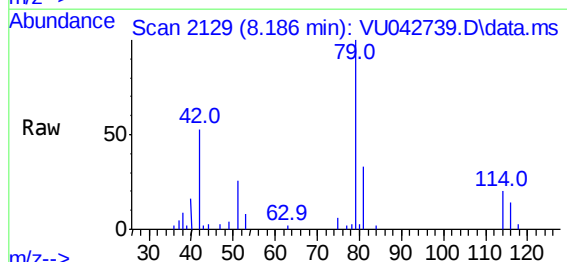
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ClientSampleId :
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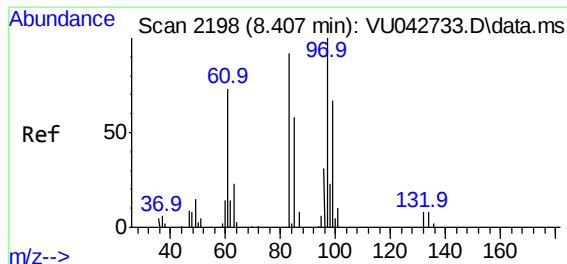
Tgt Ion: 75 Resp: 884
Ion Ratio Lower Upper
75 100
77 44.6 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042739.D
Acq: 19 Mar 2021 23:14

Tgt Ion: 75 Resp: 506
Ion Ratio Lower Upper
75 100
77 36.6 21.8 40.4

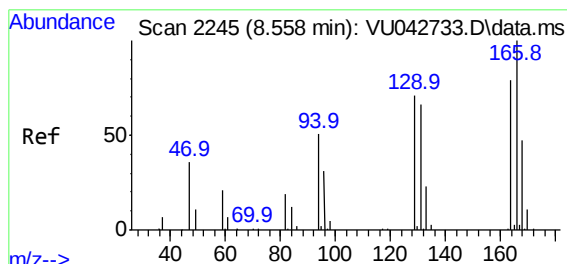
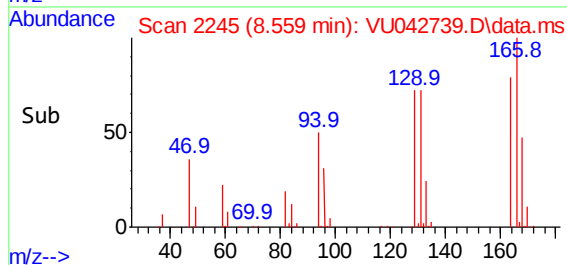
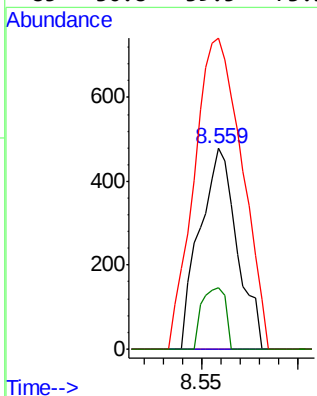
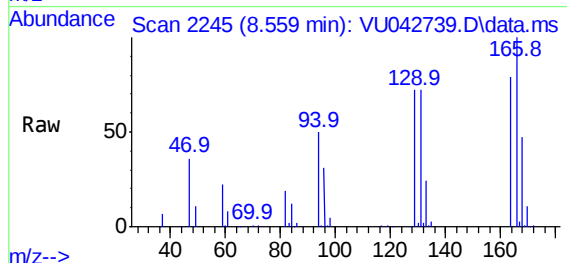




#45
1,1,2-Trichloroethane
Concen: 0.14 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.151 min
Lab File: VU042739.D
Acq: 19 Mar 2021 23:14

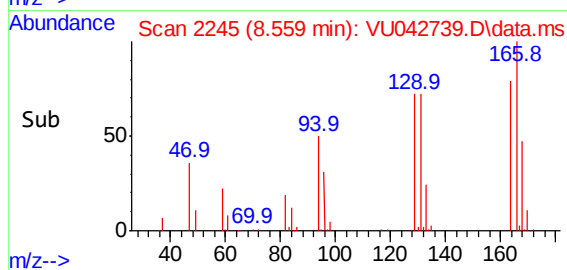
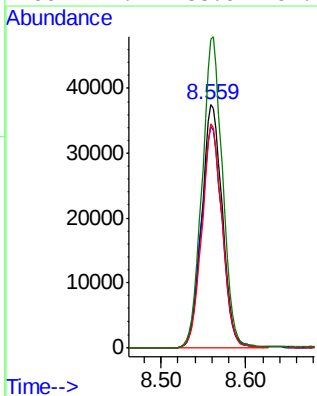
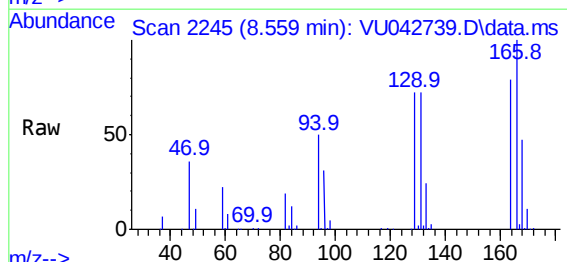
Instrument :
MSVOA_U
ClientSampled :
ETZE2

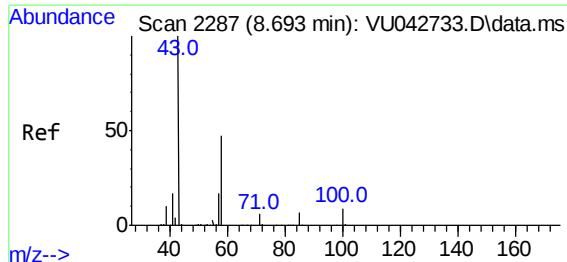
Tgt Ion: 97 Resp: 640
Ion Ratio Lower Upper
97 100
99 0.0 44.0 81.8#
83 155.2 57.6 107.0#
85 30.8 39.5 73.3#



#47
Tetrachloroethene
Concen: 12.37 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU042739.D
Acq: 19 Mar 2021 23:14

Tgt Ion:164 Resp: 62942
Ion Ratio Lower Upper
164 100
129 91.2 64.3 119.5
131 92.1 62.2 115.6
166 127.2 88.6 164.6

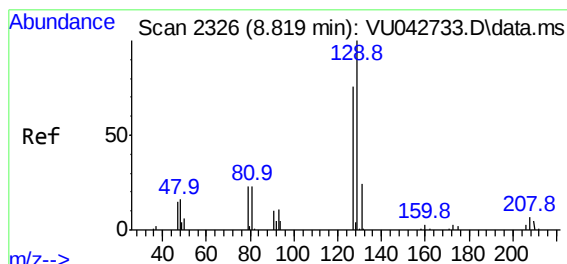
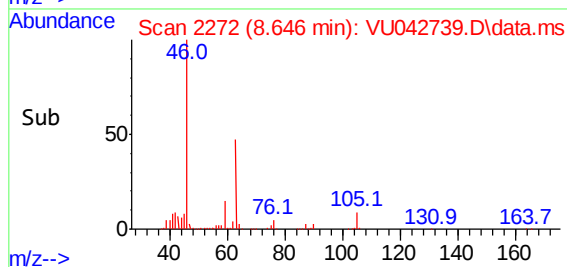
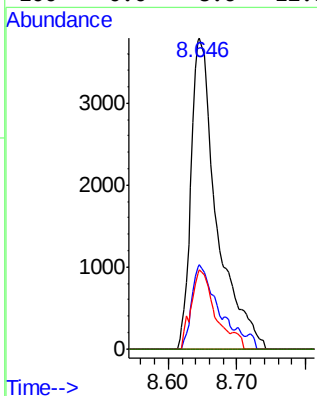
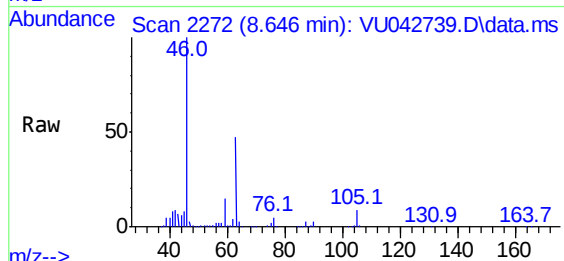




#48
2-Hexanone
Concen: 2.52 ug/L
RT: 8.646 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042739.D
Acq: 19 Mar 2021 23:14

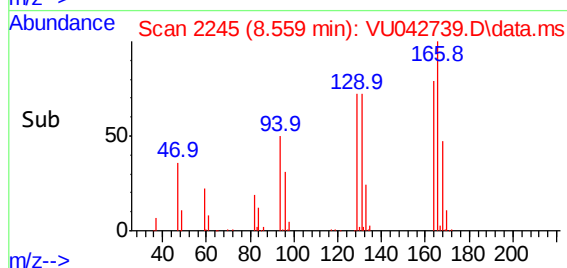
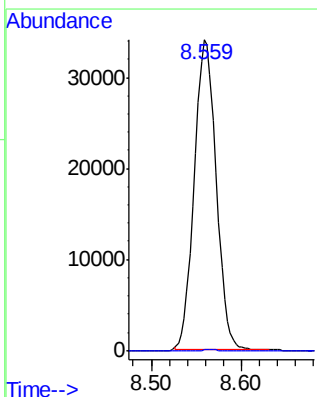
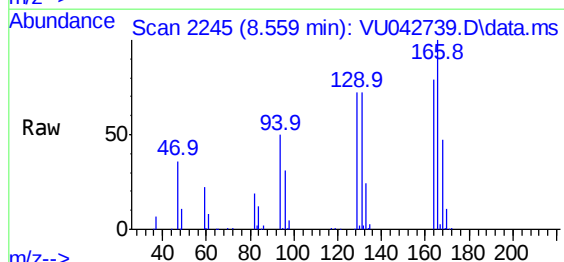
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ETZE2

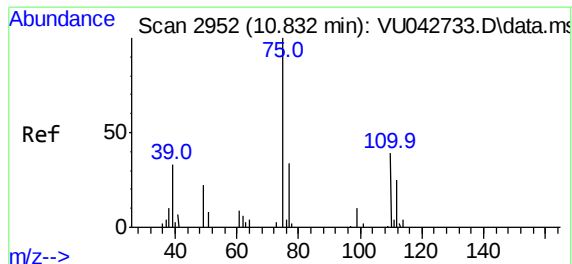
Tgt Ion:	43	Resp:	9832
Ion	Ratio	Lower	Upper
43	100		
58	22.6	40.6	61.0#
57	22.5	14.9	22.3#
100	0.0	8.6	12.8#



#49
Dibromochloromethane
Concen: 10.20 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU042739.D
Acq: 19 Mar 2021 23:14

Tgt Ion:	129	Resp:	57218
Ion	Ratio	Lower	Upper
129	100		
127	0.5	52.3	97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.95 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042739.D
 Acq: 19 Mar 2021 23:14

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZE2

Tgt Ion: 75 Resp: 4352
 Ion Ratio Lower Upper
 75 100
 77 36.5 26.0 39.0

