

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042721.D
 Acq On : 19 Mar 2021 15:26
 Operator : SY/MD
 Sample : M1744-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZF5

Quant Time: Mar 20 05:50:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 20 05:47:33 2021
 Response via : Initial Calibration

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

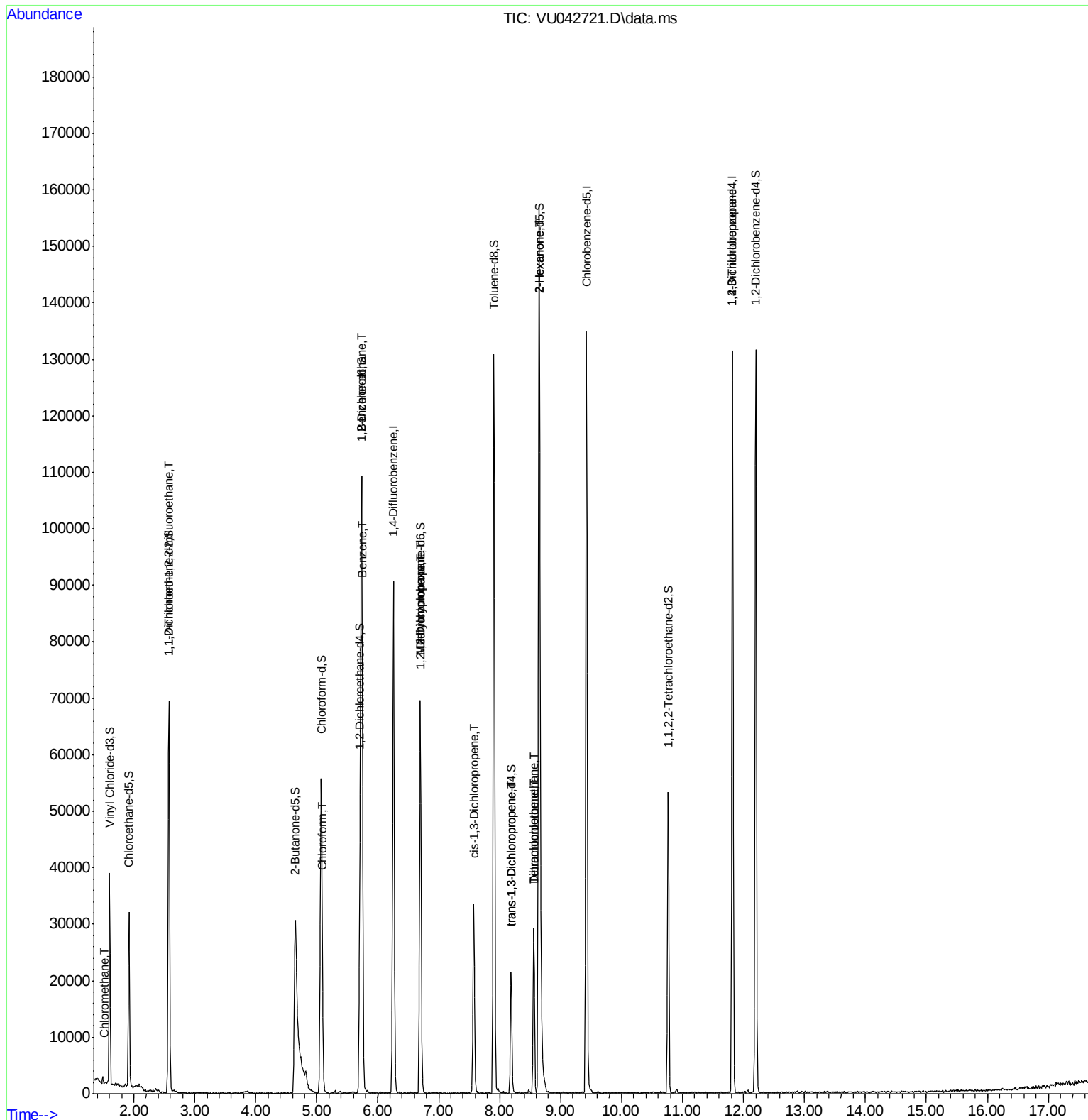
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	68710	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	68964	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	32960	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25614	5.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.80%
7) Chloroethane-d5	1.919	69	20892	6.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.40%
11) 1,1-Dichloroethene-d2	2.575	63	43344	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	4.649	46	85886	57.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.22%
24) Chloroform-d	5.073	84	49759	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	5.710	65	31400	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
32) Benzene-d6	5.735	84	90337	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.700	67	29647	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.906	98	81199	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloroprop...	8.189	79	11460	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.645	63	60960	49.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.92%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24906	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	32277	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%
Target Compounds						
3) Chloromethane	1.520	50	302	0.05	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	313	0.06	ug/L #	18
25) Chloroform	5.089	83	1055	0.10	ug/L #	69
27) 1,2-Dichloroethane	5.732	62	565	0.07	ug/L #	75
33) Benzene	5.745	78	749	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	6558	0.72	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3653	0.63	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	898	0.11	ug/L #	66
44) trans-1,3-Dichloropropene	8.189	75	727	0.09	ug/L	97
47) Tetrachloroethene	8.558	164	6227	1.28	ug/L	94
48) 2-Hexanone	8.648	43	10214	2.73	ug/L #	71
49) Dibromochloromethane	8.558	129	5665	1.05	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	3931	0.90	ug/L	92

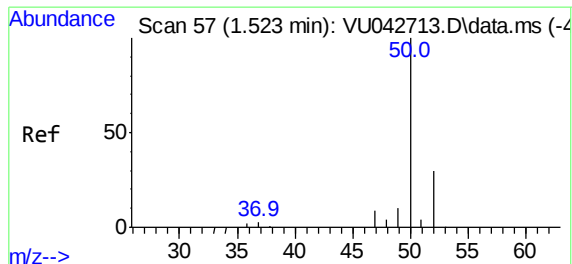
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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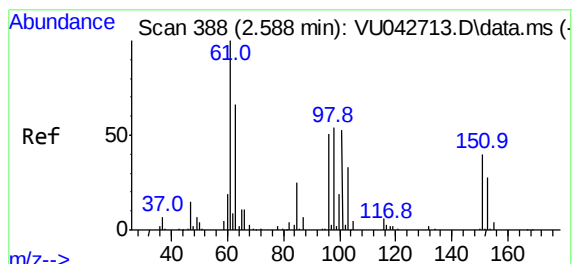
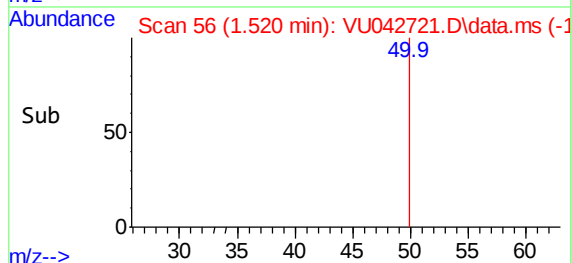
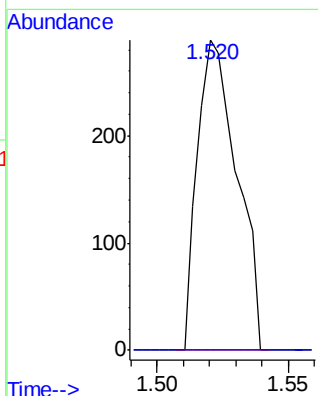
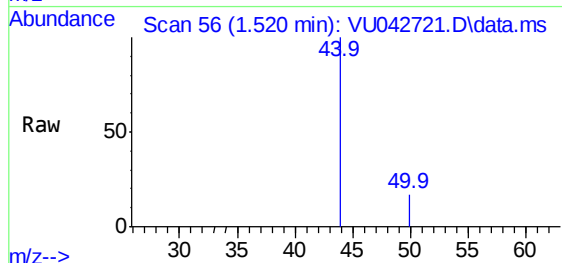




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042721.D
Acq: 19 Mar 2021 15:26

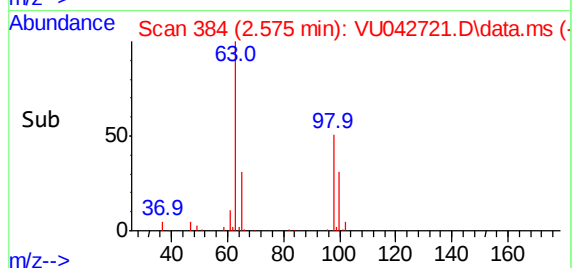
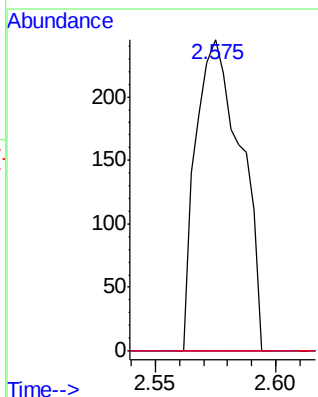
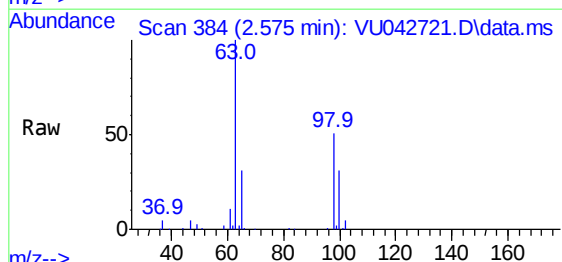
Instrument :
MSVOA_U
ClientSampleId :
ETZF5

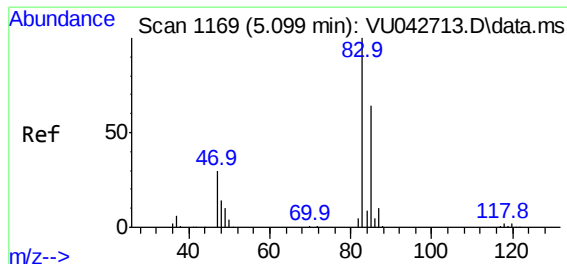
Tgt Ion: 50 Resp: 302
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#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: VU042721.D
Acq: 19 Mar 2021 15:26

Tgt Ion: 101 Resp: 313
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

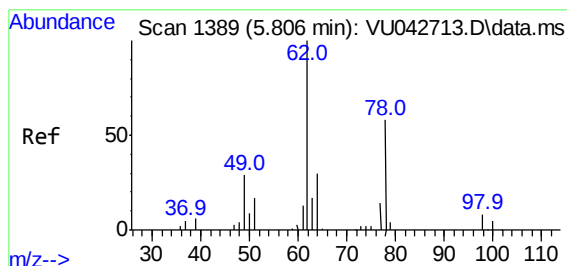
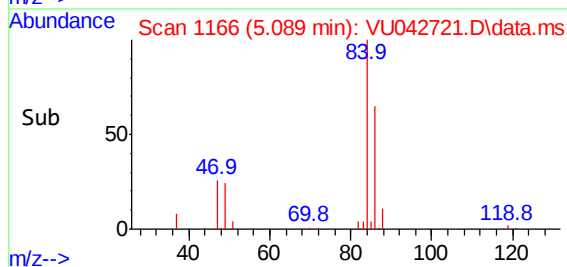
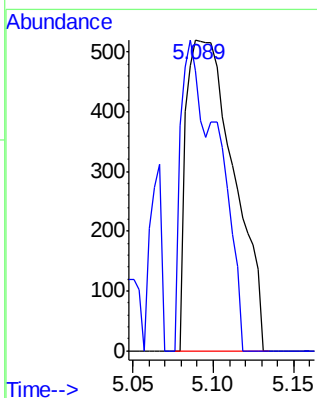
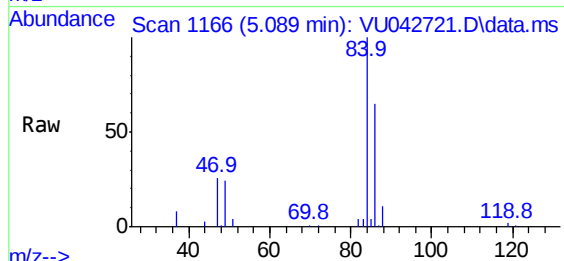




#25
Chloroform
Concen: 0.10 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.010 min
Lab File: VU042721.D
Acq: 19 Mar 2021 15:26

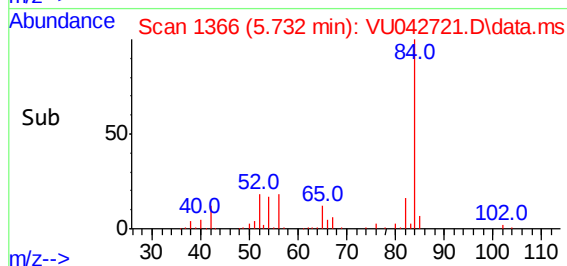
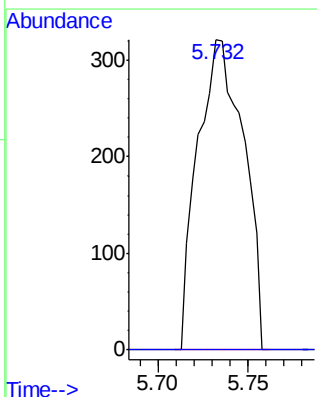
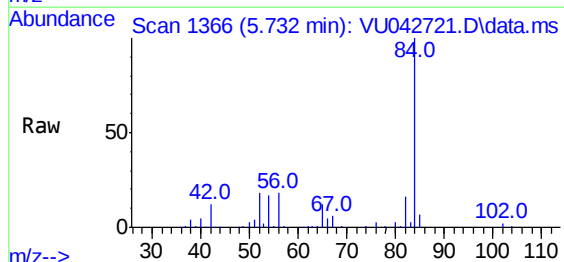
Instrument :
MSVOA_U
ClientSampleId :
ETZF5

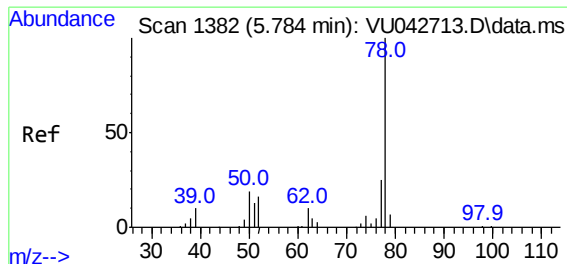
Tgt Ion: 83 Resp: 1055
Ion Ratio Lower Upper
83 100
85 90.0 45.7 84.9#



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU042721.D
Acq: 19 Mar 2021 15:26

Tgt Ion: 62 Resp: 565
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

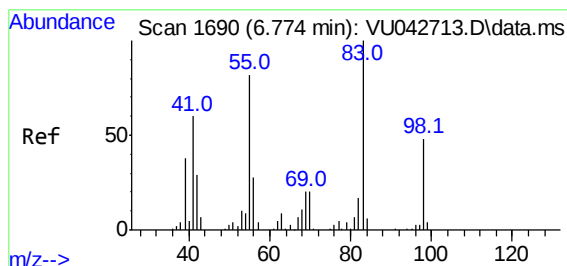
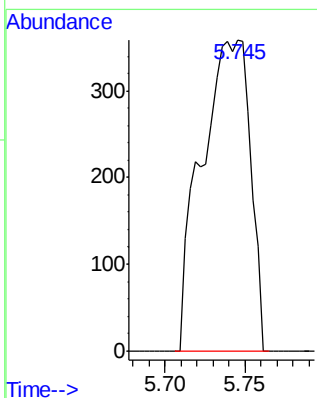
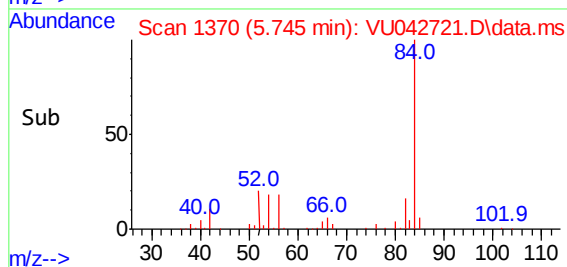
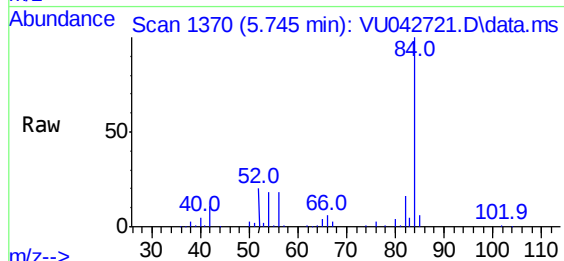




#33
Benzene
Concen: 0.03 ug/L
RT: 5.745 min Scan# 1370
Delta R.T. -0.039 min
Lab File: VU042721.D
Acq: 19 Mar 2021 15:26

Instrument :
MSVOA_U
ClientSampleId :
ETZF5

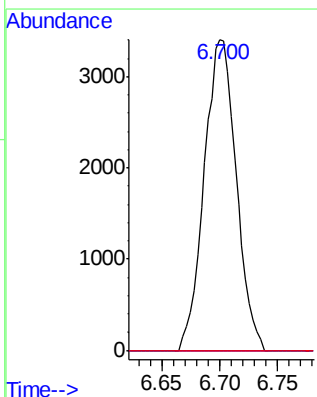
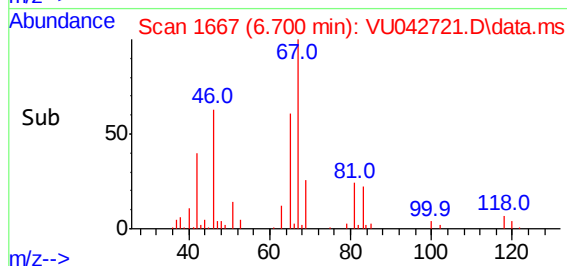
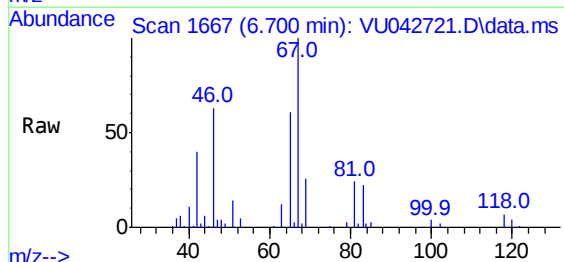
Tgt Ion: 78 Resp: 749

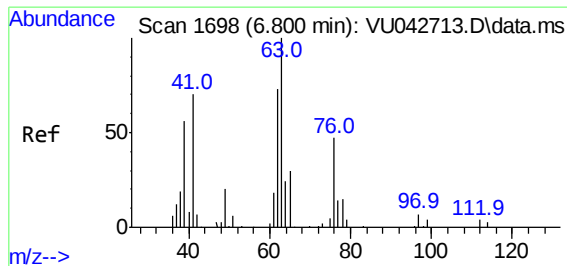


#35
Methylcyclohexane
Concen: 0.72 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042721.D
Acq: 19 Mar 2021 15:26

Tgt Ion: 83 Resp: 6558

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

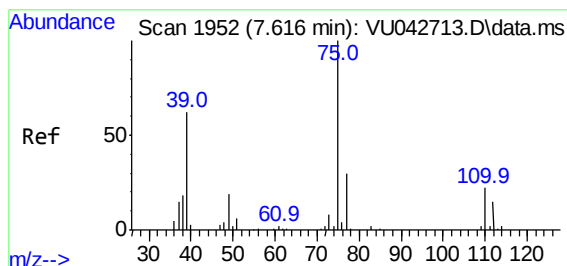
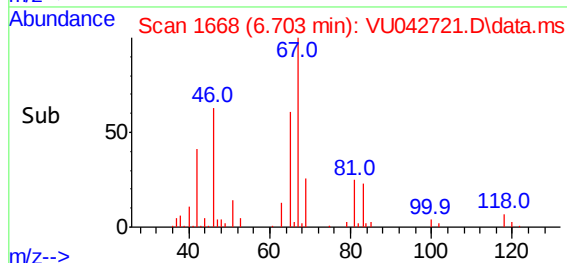
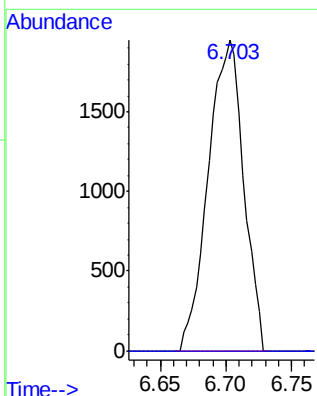
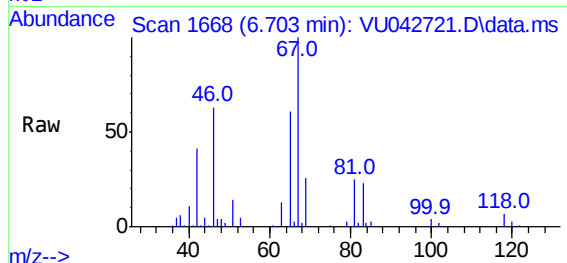




#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042721.D
Acq: 19 Mar 2021 15:26

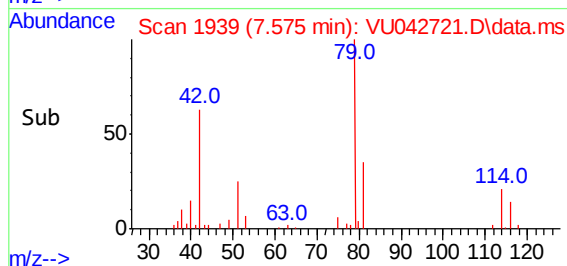
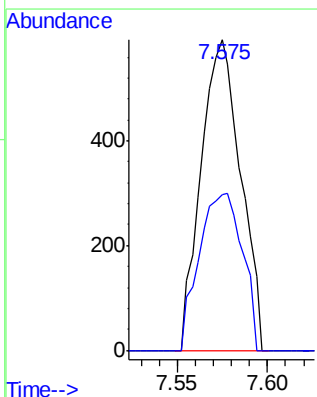
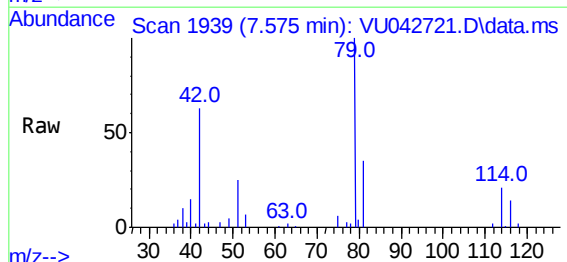
Instrument :
MSVOA_U
ClientSampled :
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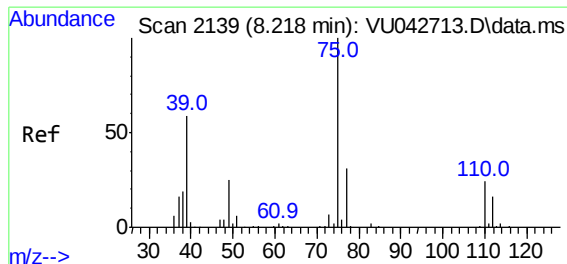
Tgt Ion: 63 Resp: 3653
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042721.D
Acq: 19 Mar 2021 15:26

Tgt Ion: 75 Resp: 898
Ion Ratio Lower Upper
75 100
77 50.3 22.0 40.8#



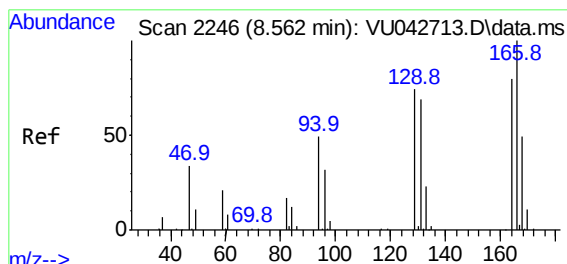
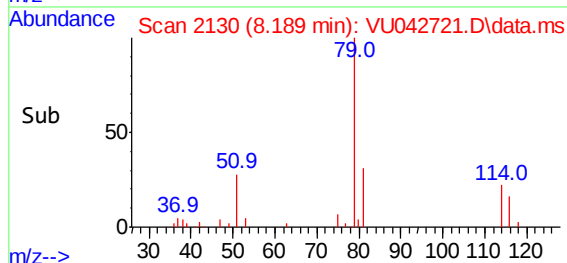
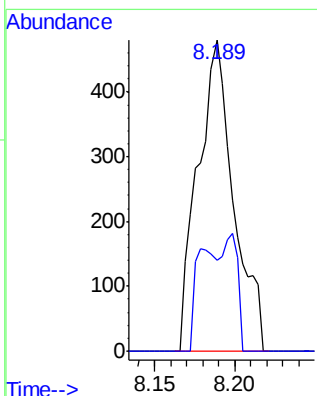
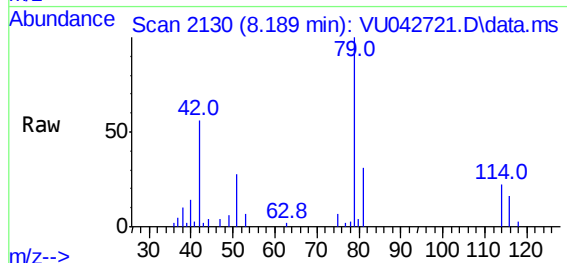


#44

trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042721.D
Acq: 19 Mar 2021 15:26

Instrument :
MSVOA_U
ClientSampleId :
ETZF5

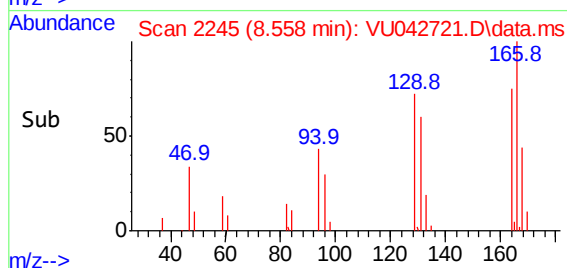
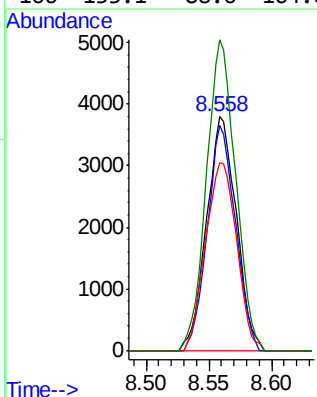
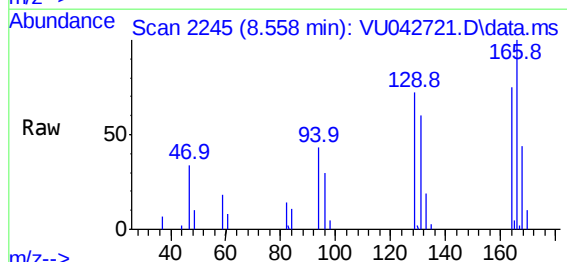
Tgt Ion: 75 Resp: 727
Ion Ratio Lower Upper
75 100
77 29.4 21.8 40.4

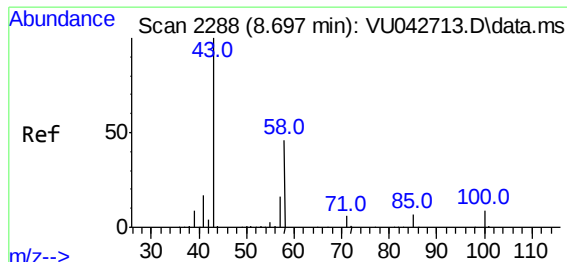


#47

Tetrachloroethene
Concen: 1.28 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042721.D
Acq: 19 Mar 2021 15:26

Tgt Ion: 164 Resp: 6227
Ion Ratio Lower Upper
164 100
129 96.2 64.3 119.5
131 80.2 62.2 115.6
166 133.1 88.6 164.6

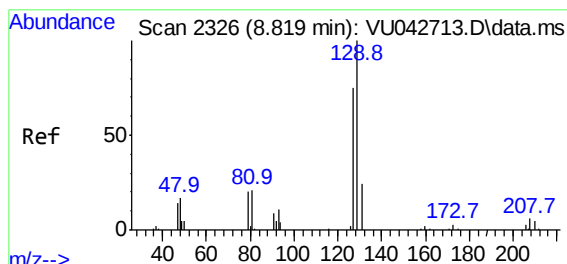
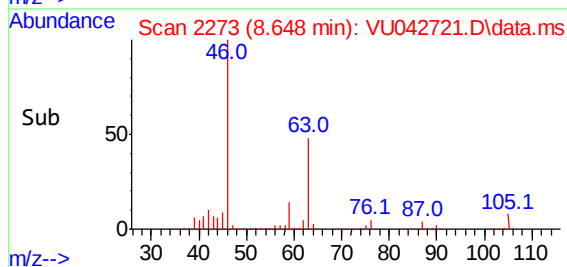
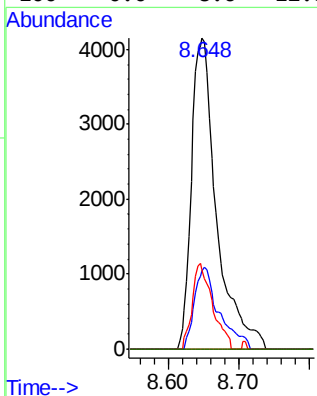
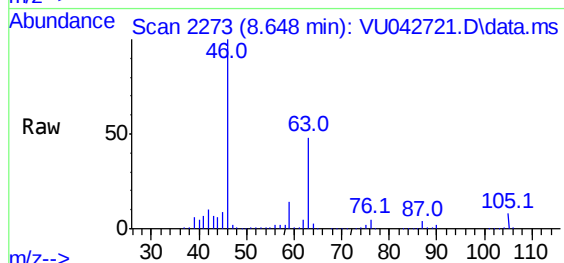




#48
2-Hexanone
Concen: 2.73 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042721.D
Acq: 19 Mar 2021 15:26

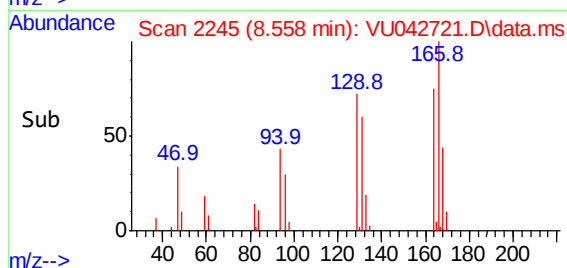
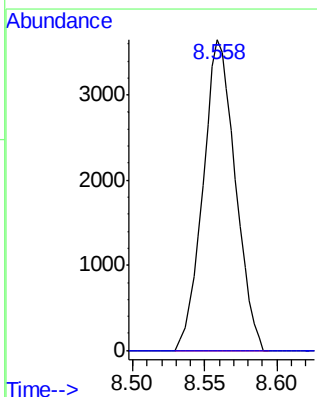
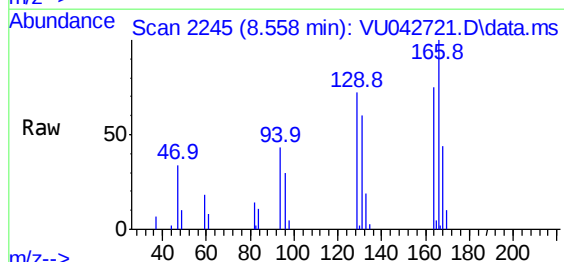
Instrument :
MSVOA_U
ClientSampleId :
ETZF5

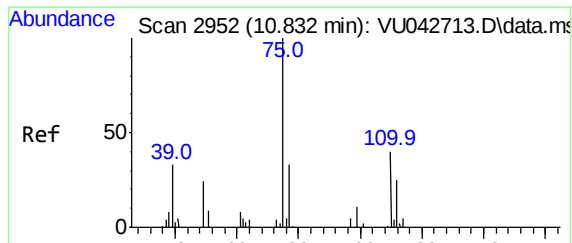
Tgt Ion: 43 Resp: 10214
Ion Ratio Lower Upper
43 100
58 25.7 40.6 61.0#
57 22.2 14.9 22.3
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 1.05 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU042721.D
Acq: 19 Mar 2021 15:26

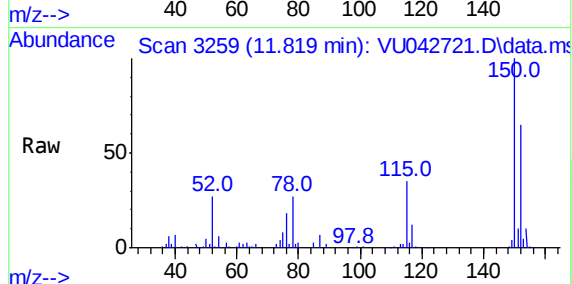
Tgt Ion: 129 Resp: 5665
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.90 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042721.D
 Acq: 19 Mar 2021 15:26

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZF5



Tgt Ion: 75 Resp: 3931
 Ion Ratio Lower Upper
 75 100
 77 36.8 26.0 39.0

