

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032221\
 Data File : VU042755.D
 Acq On : 22 Mar 2021 12:15
 Operator : SY/MD
 Sample : M1743-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZD4

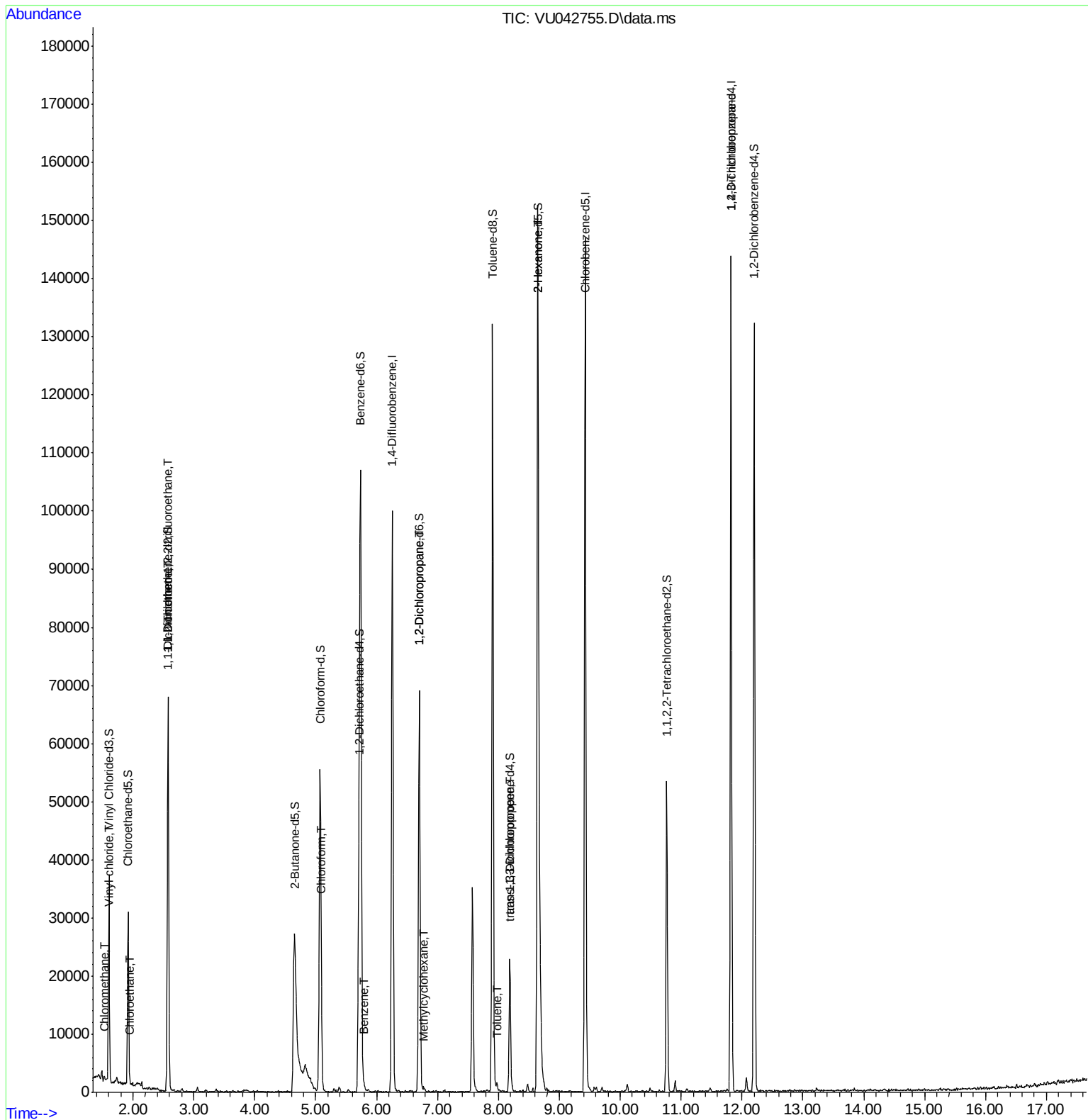
Quant Time: Mar 23 07:17:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 23 07:16:03 2021
 Response via : Initial Calibration

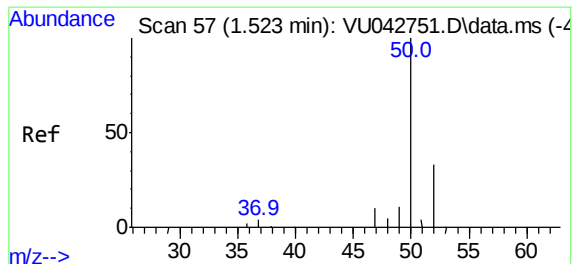
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	76753	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	76966	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	35939	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24444	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.919	69	19589	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.575	63	41737	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.652	46	65652	39.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.16%
24) Chloroform-d	5.073	84	49913	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.710	65	30868	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.736	84	89911	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.700	67	29744	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.906	98	83180	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloroprop...	8.189	79	12261	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.645	63	60911	44.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.46%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25251	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	32495	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%
Target Compounds						
3) Chloromethane	1.523	50	530	0.08	ug/L	87
5) Vinyl chloride	1.610	62	264	0.04	ug/L #	1
8) Chloroethane	1.948	64	135	0.03	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	519	0.09	ug/L #	18
12) 1,1-Dichloroethene	2.578	96	409	0.08	ug/L #	1
25) Chloroform	5.092	83	747	0.06	ug/L	98
33) Benzene	5.784	78	720	0.03	ug/L	100
35) Methylcyclohexane	6.768	83	284	0.03	ug/L #	35
37) 1,2-Dichloropropane	6.700	63	3674	0.57	ug/L #	87
42) Toluene	7.977	91	936	0.04	ug/L	95
44) trans-1,3-Dichloropropene	8.192	75	963	0.11	ug/L #	78
48) 2-Hexanone	8.649	43	8881	2.12	ug/L #	64
59) 1,2,3-Trichloropropane	11.819	75	4474	0.92	ug/L #	84

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

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Response via : Initial Calibration

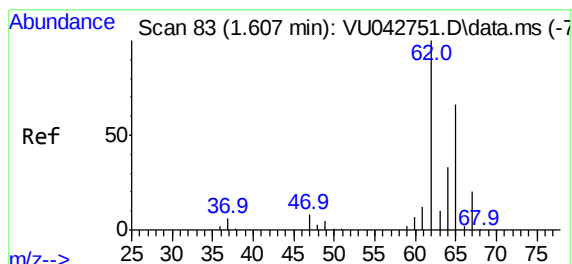
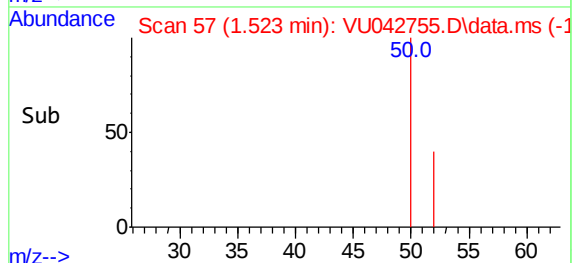
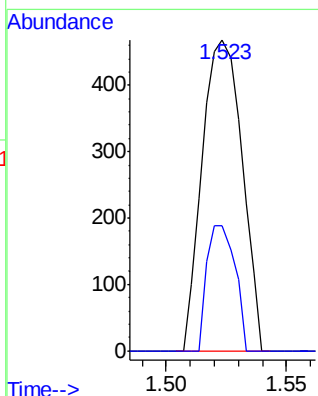
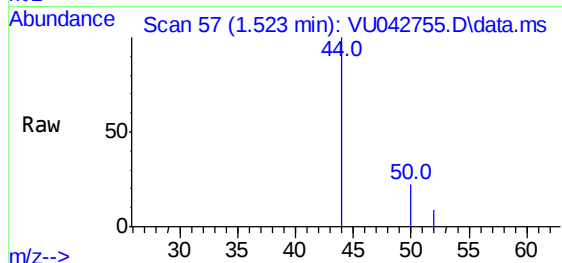




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042755.D
Acq: 22 Mar 2021 12:15

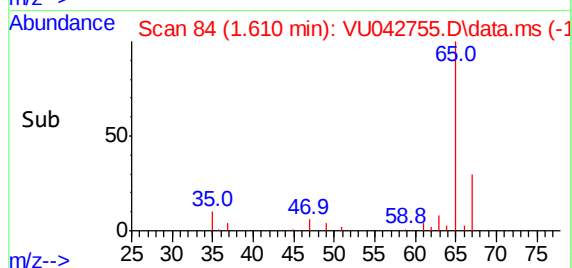
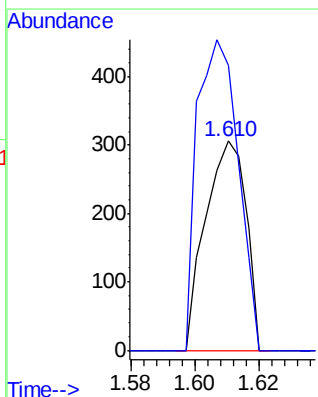
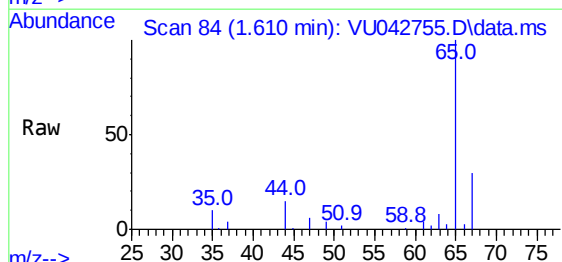
Instrument :
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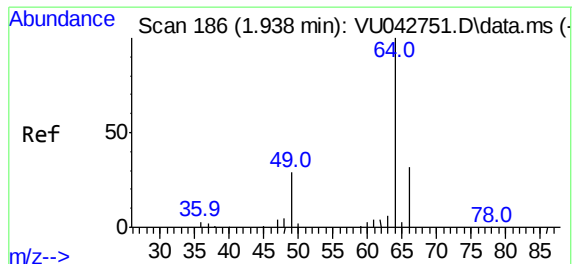
Tgt Ion: 50 Resp: 530
Ion Ratio Lower Upper
50 100
52 40.2 23.0 42.8



#5
Vinyl chloride
Concen: 0.04 ug/L
RT: 1.610 min Scan# 84
Delta R.T. 0.003 min
Lab File: VU042755.D
Acq: 22 Mar 2021 12:15

Tgt Ion: 62 Resp: 264
Ion Ratio Lower Upper
62 100
64 136.3 22.7 42.1#

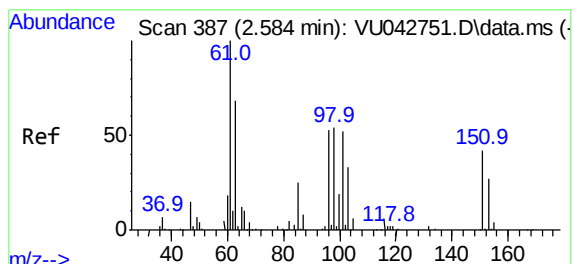
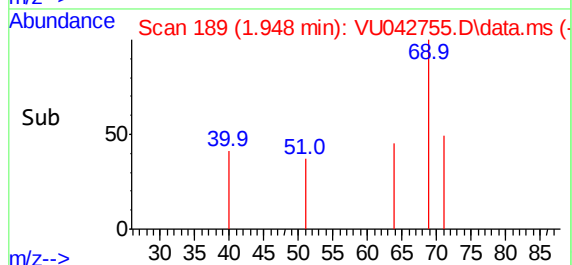
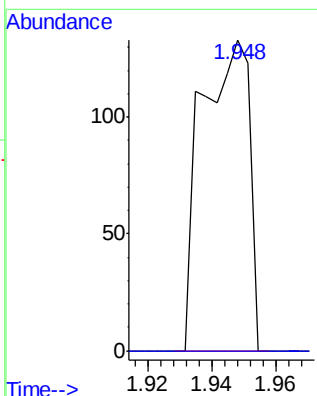
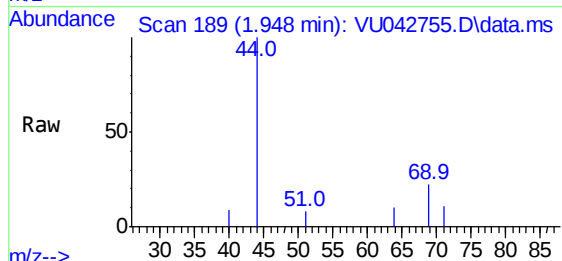




#8
Chloroethane
Concen: 0.03 ug/L
RT: 1.948 min Scan# 189
Delta R.T. 0.010 min
Lab File: VU042755.D
Acq: 22 Mar 2021 12:15

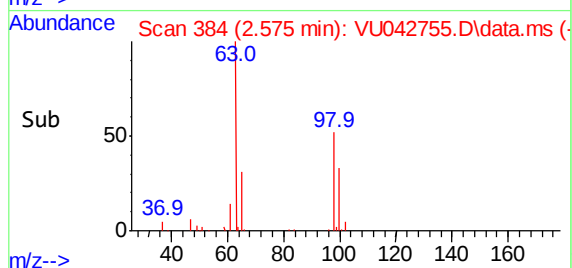
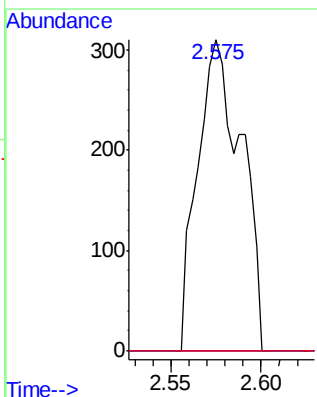
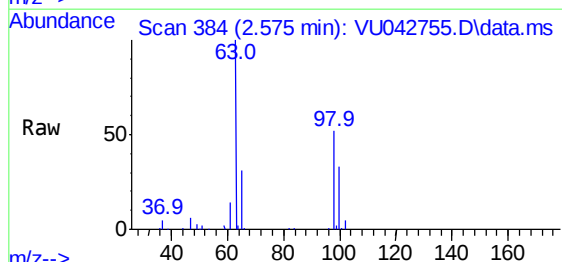
Instrument :
MSVOA_U
ClientSampleId :
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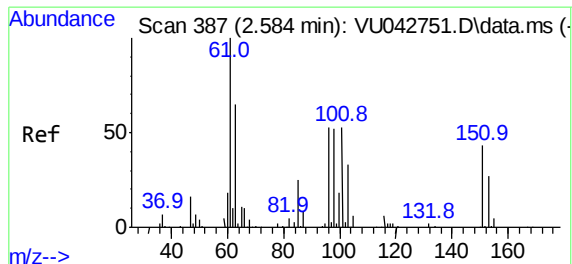
Tgt Ion: 64 Resp: 135
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.09 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU042755.D
Acq: 22 Mar 2021 12:15

Tgt Ion:101 Resp: 519
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

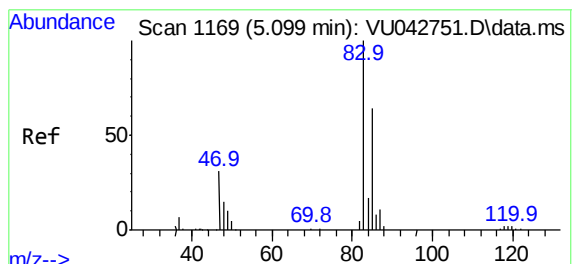
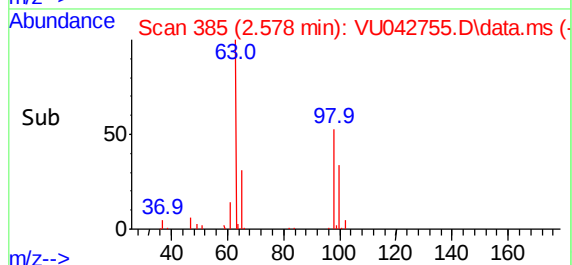
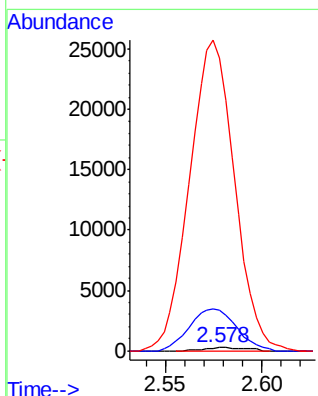
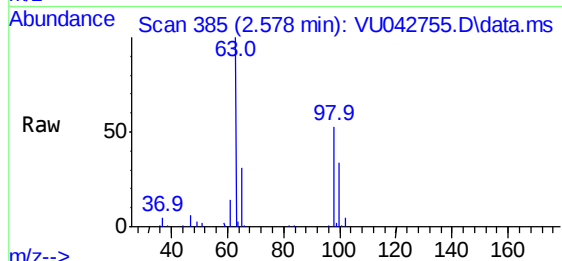




#12
1,1-Dichloroethene
Concen: 0.08 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU042755.D
Acq: 22 Mar 2021 12:15

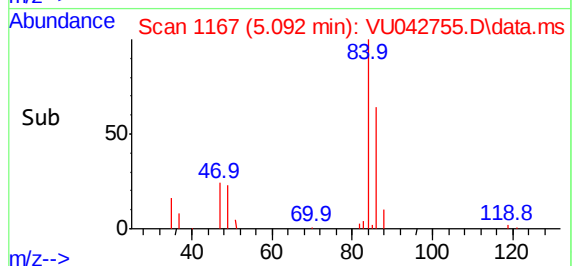
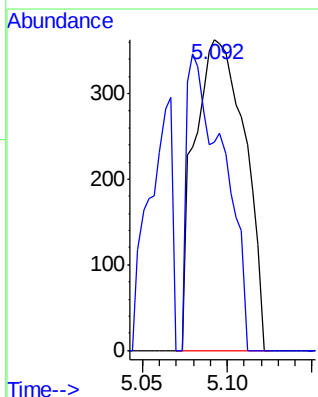
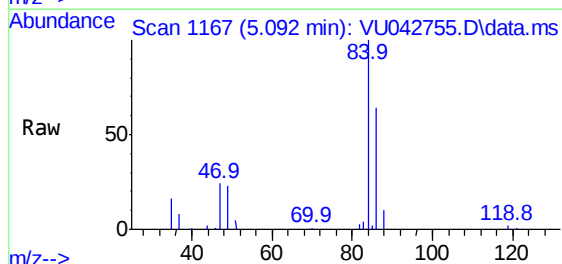
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ClientSampleId :
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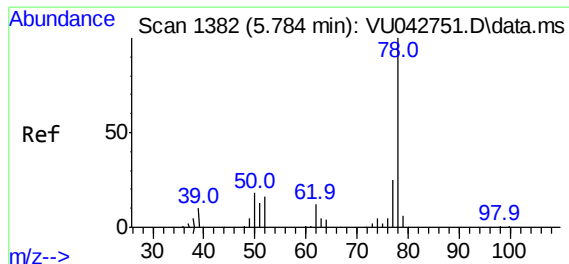
Tgt Ion: 96 Resp: 409
Ion Ratio Lower Upper
96 100
61 1216.7 126.2 234.4#
63 8794.2 77.8 144.4#



#25
Chloroform
Concen: 0.06 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VU042755.D
Acq: 22 Mar 2021 12:15

Tgt Ion: 83 Resp: 747
Ion Ratio Lower Upper
83 100
85 66.9 45.7 84.9

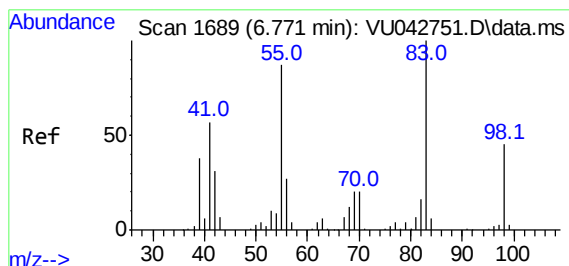
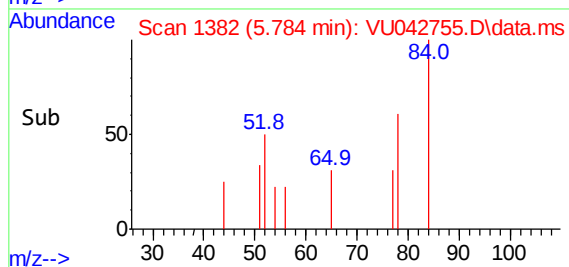
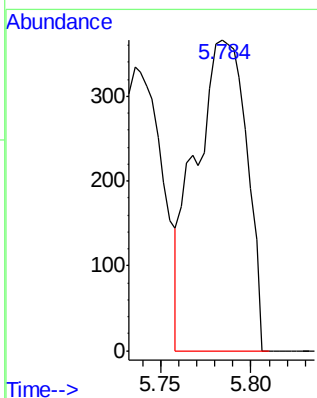
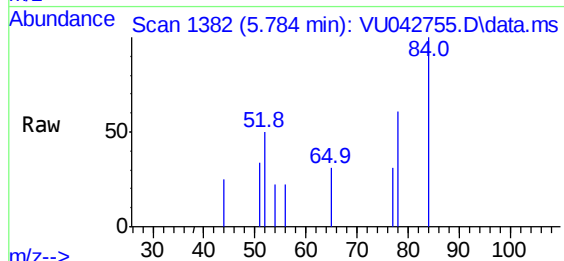




#33
Benzene
Concen: 0.03 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042755.D
Acq: 22 Mar 2021 12:15

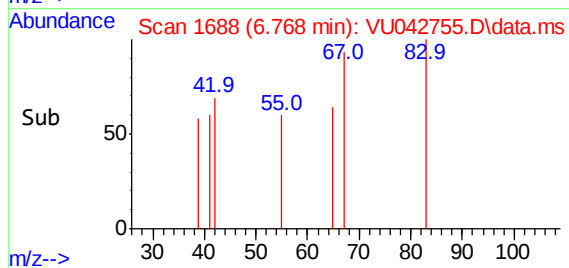
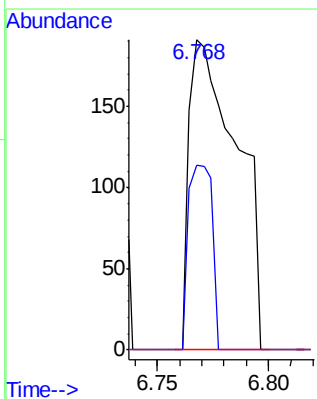
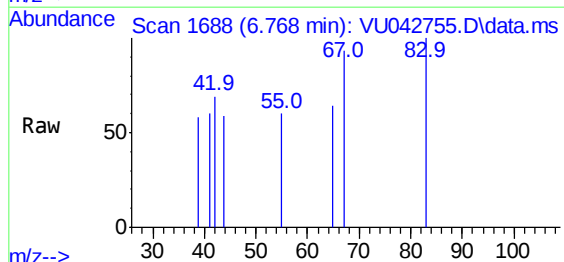
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ClientSampleId :
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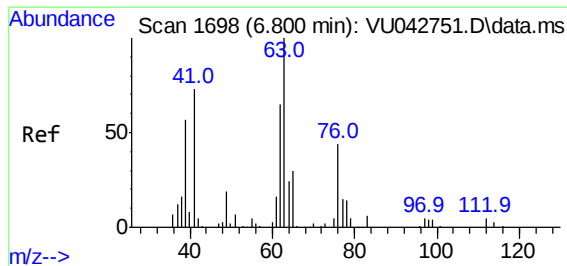
Tgt Ion: 78 Resp: 720



#35
Methylcyclohexane
Concen: 0.03 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU042755.D
Acq: 22 Mar 2021 12:15

Tgt Ion: 83 Resp: 284
Ion Ratio Lower Upper
83 100
55 29.6 68.2 102.4#
98 0.0 39.7 59.5#

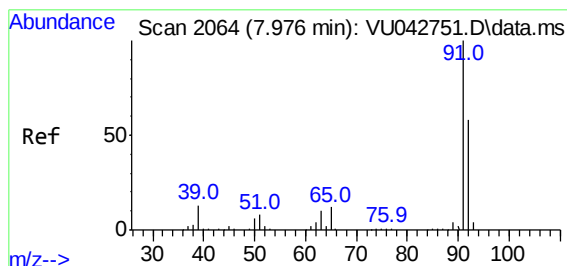
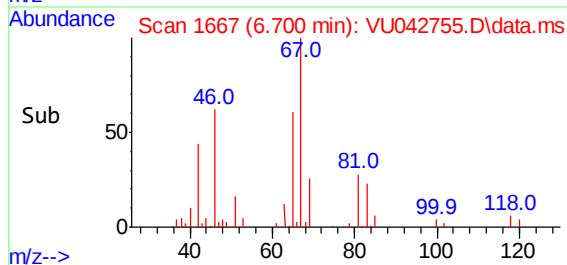
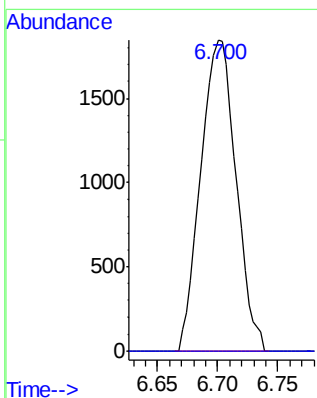
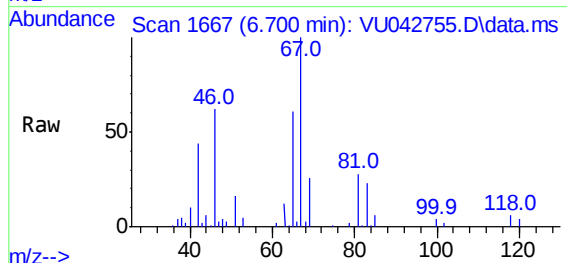




#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042755.D
Acq: 22 Mar 2021 12:15

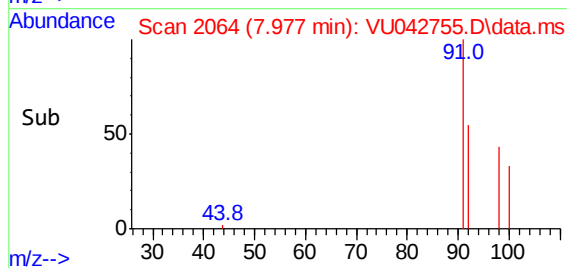
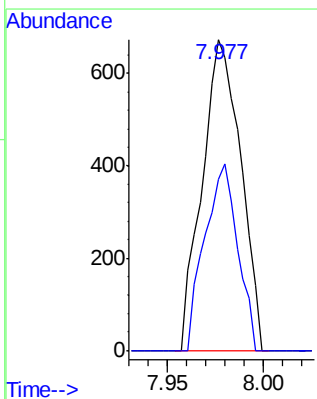
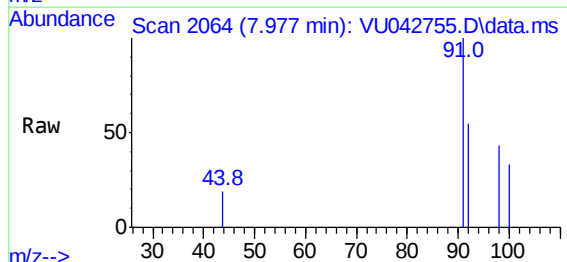
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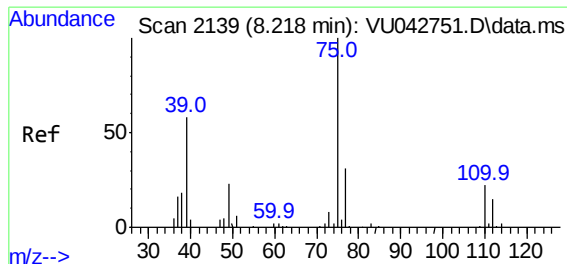
Tgt Ion: 63 Resp: 3674
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.04 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042755.D
Acq: 22 Mar 2021 12:15

Tgt Ion: 91 Resp: 936
Ion Ratio Lower Upper
91 100
92 55.0 41.2 76.6

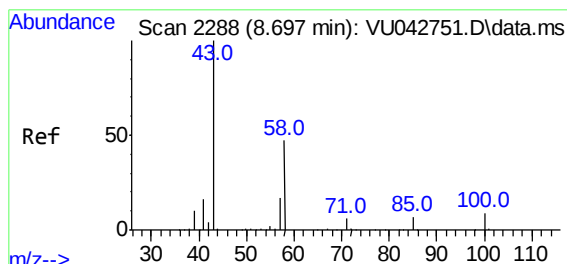
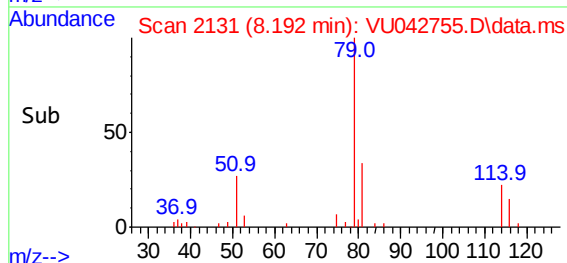
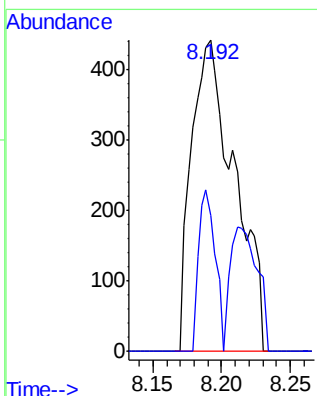
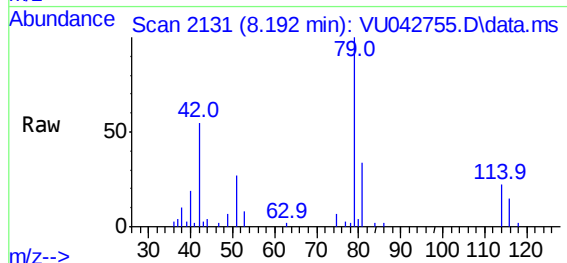




#44
trans-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042755.D
Acq: 22 Mar 2021 12:15

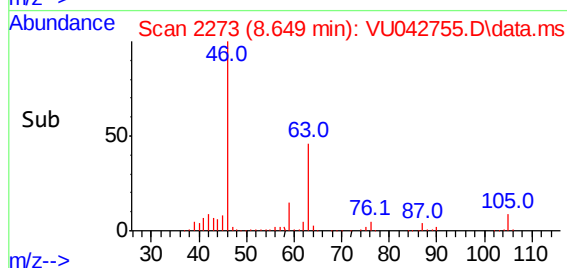
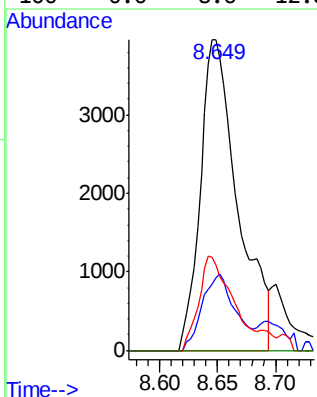
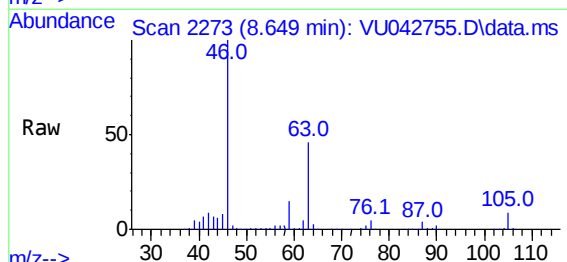
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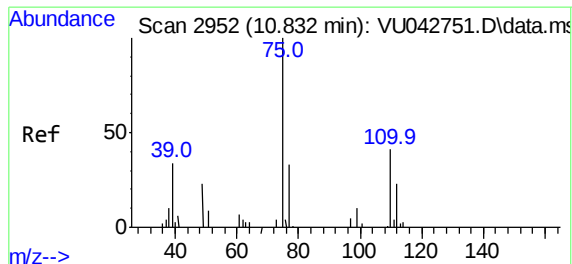
Tgt Ion: 75 Resp: 963
Ion Ratio Lower Upper
75 100
77 43.4 21.8 40.4#



#48
2-Hexanone
Concen: 2.12 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042755.D
Acq: 22 Mar 2021 12:15

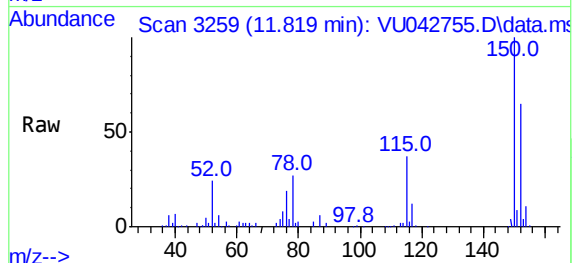
Tgt Ion: 43 Resp: 8881
Ion Ratio Lower Upper
43 100
58 22.0 40.6 61.0#
57 29.7 14.9 22.3#
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.92 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042755.D
 Acq: 22 Mar 2021 12:15

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZD4



Tgt Ion: 75 Resp: 4474
 Ion Ratio Lower Upper
 75 100
 77 41.7 26.0 39.0#

