

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042809.D
 Acq On : 29 Mar 2021 12:13
 Operator : SY/MD
 Sample : M1818-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA9

Quant Time: Mar 30 01:13:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	6.259	114	83668	5.00 ug/L	0.00
28) Chlorobenzene-d5	9.427	117	84218	5.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	41615	5.00 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.604	65	23379	4.19 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 83.80%
7) Chloroethane-d5	1.922	69	20344	4.82 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 96.40%
11) 1,1-Dichloroethene-d2	2.575	63	41745	3.31 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 66.20%
20) 2-Butanone-d5	4.649	46	81750	44.64 ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 89.28%
24) Chloroform-d	5.076	84	54306	4.92 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 98.40%
26) 1,2-Dichloroethane-d4	5.713	65	33502	4.94 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 98.80%
32) Benzene-d6	5.735	84	96742	4.69 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 93.80%
36) 1,2-Dichloropropane-d6	6.700	67	32638	4.90 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 98.00%
41) Toluene-d8	7.909	98	88764	4.40 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 88.00%
43) trans-1,3-Dichloroprop...	8.189	79	13388	4.30 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 86.00%
46) 2-Hexanone-d5	8.648	63	73025	49.01 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 98.02%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	27991	4.72 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 94.40%
64) 1,2-Dichlorobenzene-d4	12.205	152	37455	4.96 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 99.20%

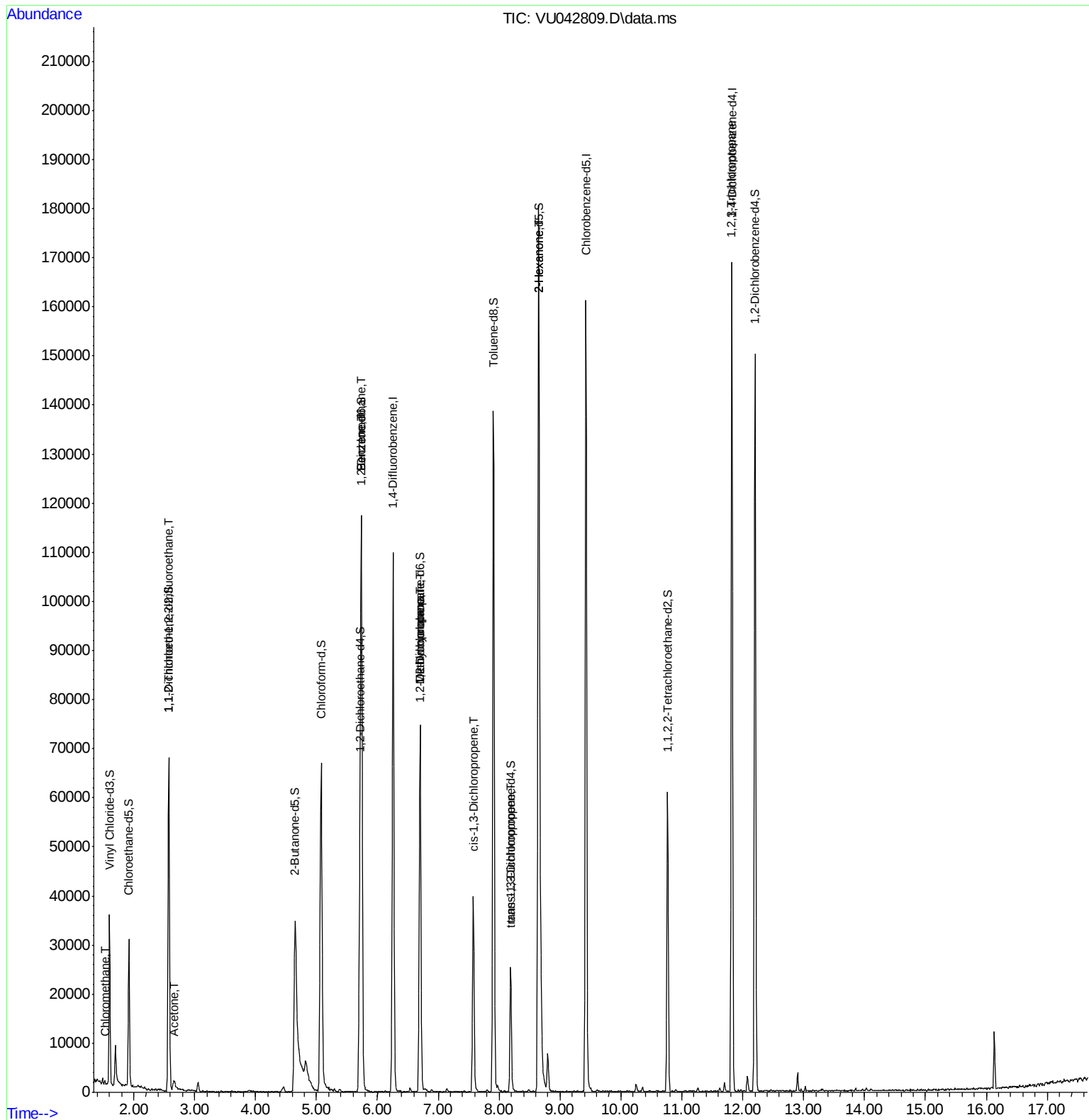
Target Compounds					Qvalue
3) Chloromethane	1.523	50	554	0.08 ug/L #	82
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	293	0.05 ug/L #	18
13) Acetone	2.658	43	4361	3.09 ug/L	90
27) 1,2-Dichloroethane	5.732	62	576	0.06 ug/L #	75
33) Benzene	5.735	78	797	0.03 ug/L	100
35) Methylcyclohexane	6.700	83	7862	0.71 ug/L #	16
37) 1,2-Dichloropropane	6.706	63	3833	0.54 ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1078	0.10 ug/L #	50
44) trans-1,3-Dichloropropene	8.185	75	669	0.07 ug/L	96
48) 2-Hexanone	8.648	43	12408	2.71 ug/L #	69
59) 1,2,3-Trichloropropane	11.819	75	5272	0.99 ug/L #	85

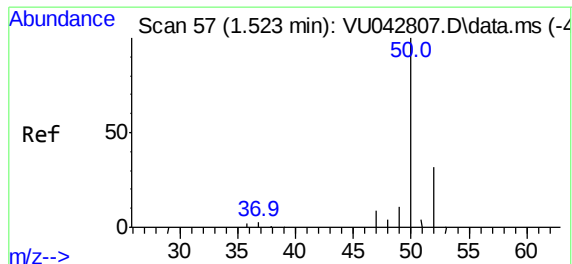
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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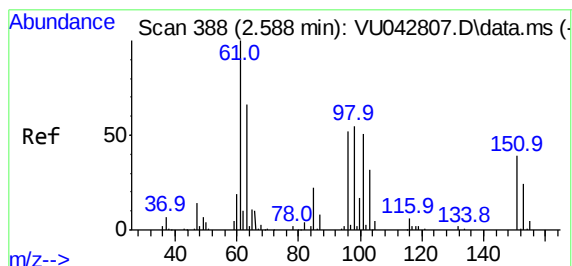
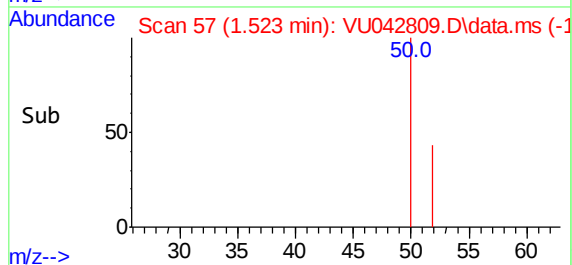
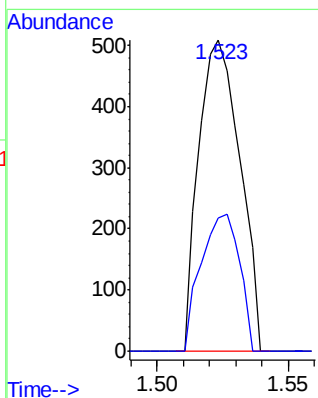
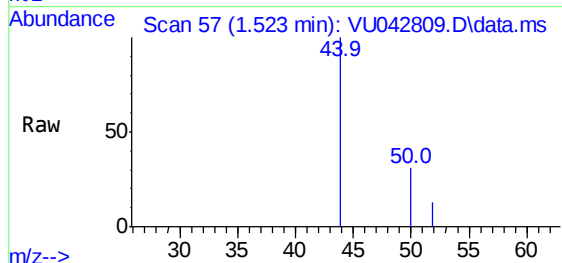




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042809.D
Acq: 29 Mar 2021 12:13

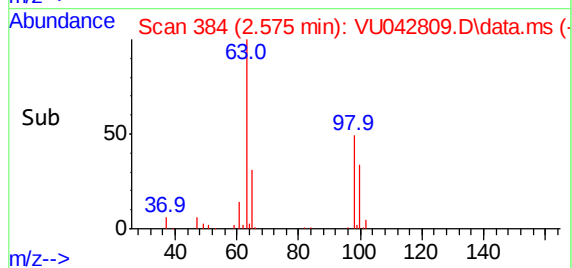
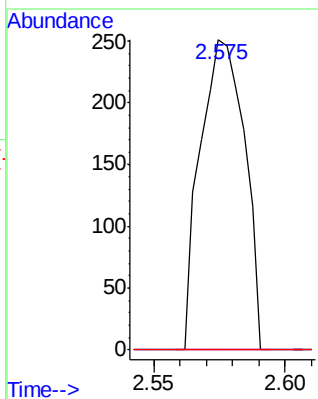
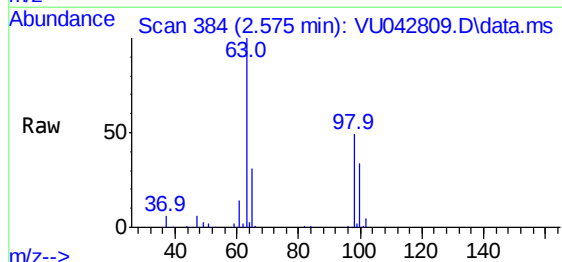
Instrument :
MSVOA_U
ClientSampleId :
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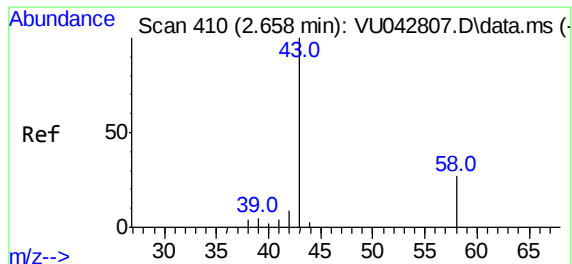
Tgt Ion: 50 Resp: 554
Ion Ratio Lower Upper
50 100
52 42.8 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042809.D
Acq: 29 Mar 2021 12:13

Tgt Ion:101 Resp: 293
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

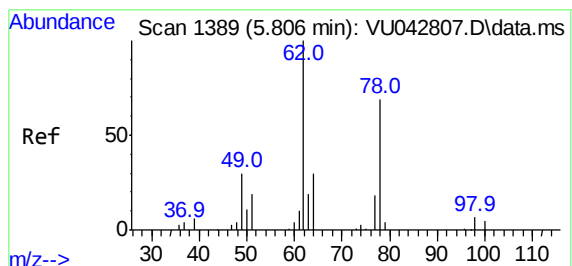
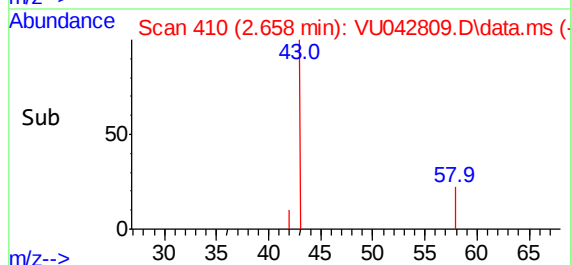
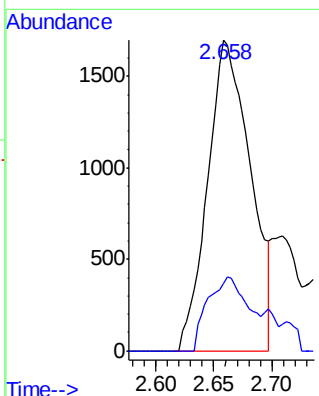
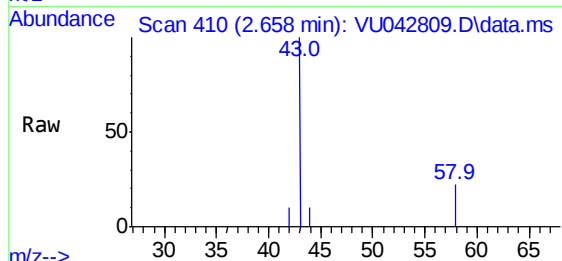




#13
Acetone
Concen: 3.09 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.000 min
Lab File: VU042809.D
Acq: 29 Mar 2021 12:13

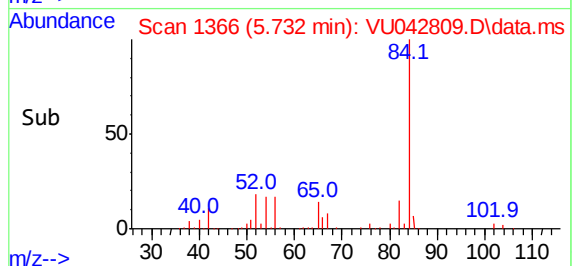
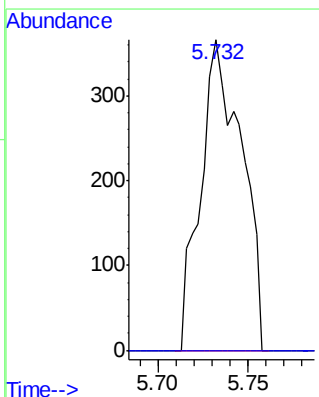
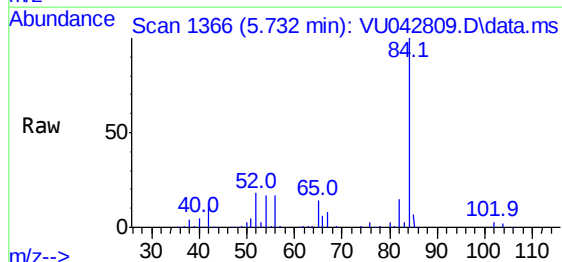
Instrument :
MSVOA_U
ClientSampled :
C0AA9

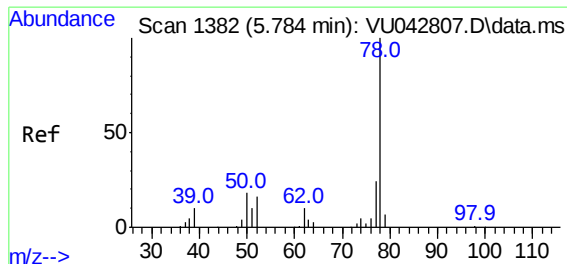
Tgt Ion: 43 Resp: 4361
Ion Ratio Lower Upper
43 100
58 22.5 0.0 55.8



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU042809.D
Acq: 29 Mar 2021 12:13

Tgt Ion: 62 Resp: 576
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

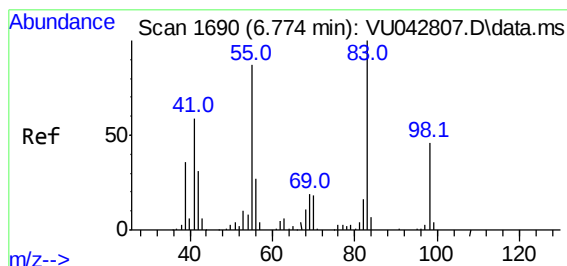
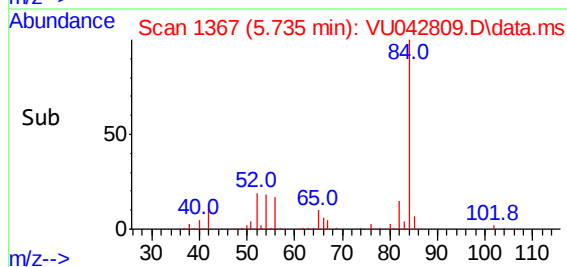
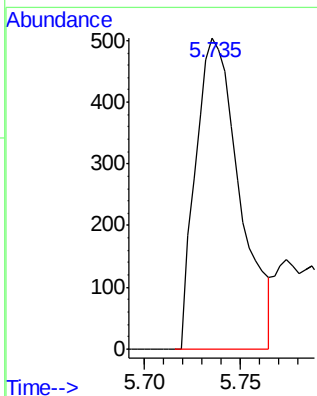
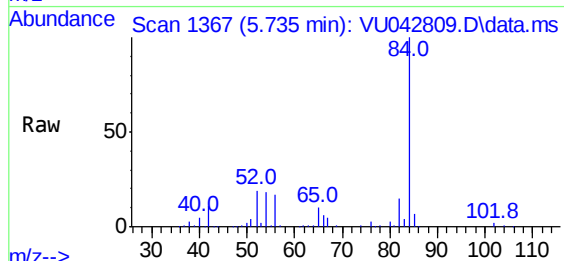




#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042809.D
Acq: 29 Mar 2021 12:13

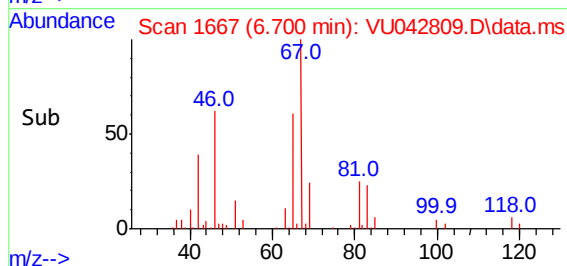
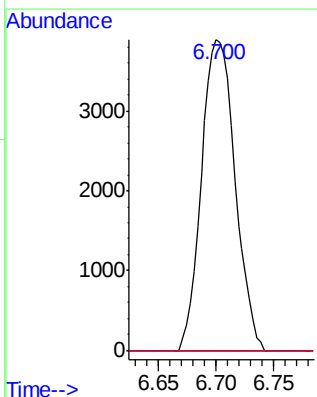
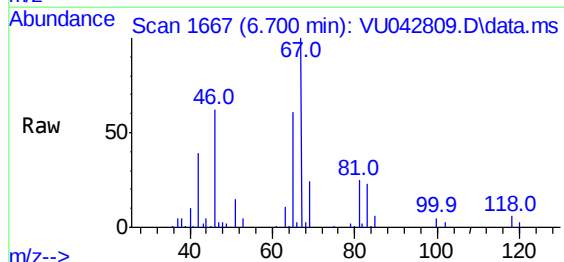
Instrument :
MSVOA_U
ClientSampleId :
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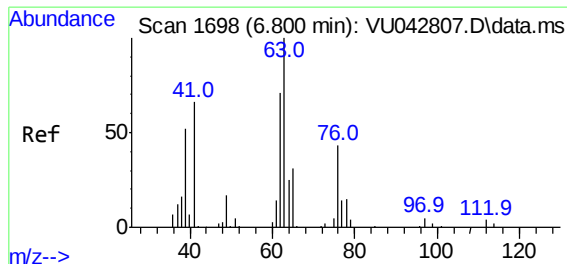
Tgt Ion: 78 Resp: 797



#35
Methylcyclohexane
Concen: 0.71 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042809.D
Acq: 29 Mar 2021 12:13

Tgt Ion: 83 Resp: 7862
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 2.4 39.7 59.5#

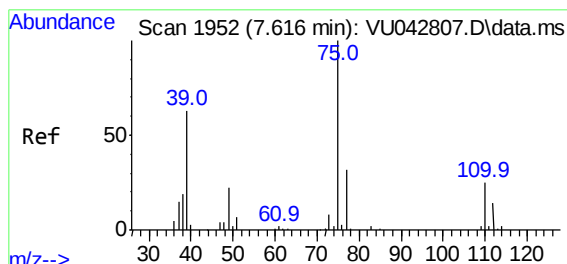
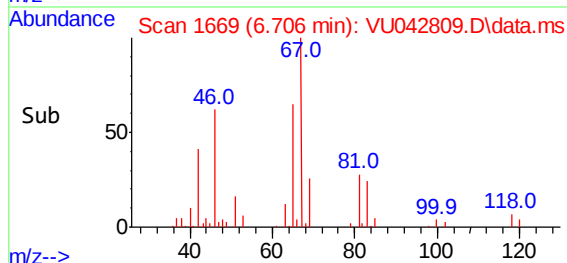
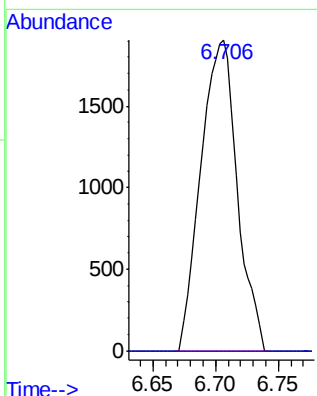
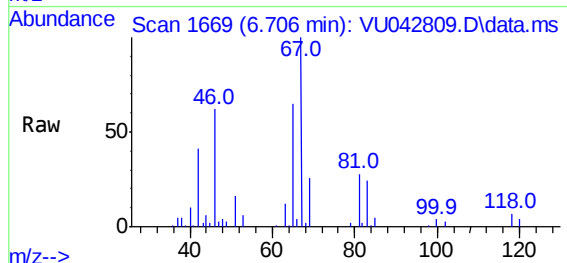




#37
1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.706 min Scan# 1669
Delta R.T. -0.093 min
Lab File: VU042809.D
Acq: 29 Mar 2021 12:13

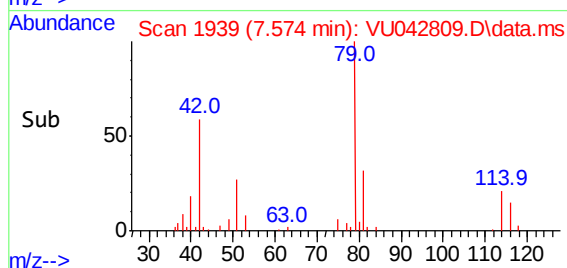
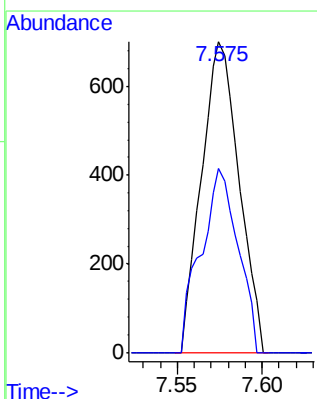
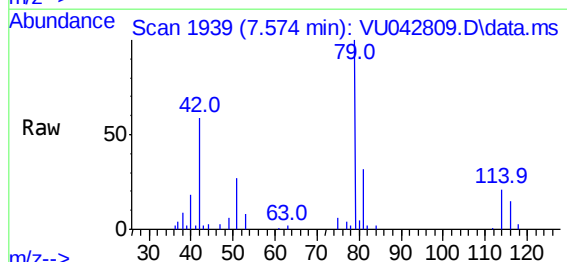
Instrument :
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ClientSampled :
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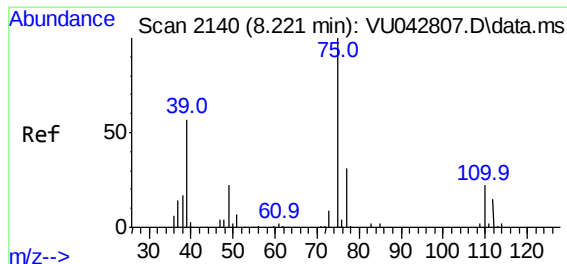
Tgt Ion: 63 Resp: 3833
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042809.D
Acq: 29 Mar 2021 12:13

Tgt Ion: 75 Resp: 1078
Ion Ratio Lower Upper
75 100
77 59.2 22.0 40.8#

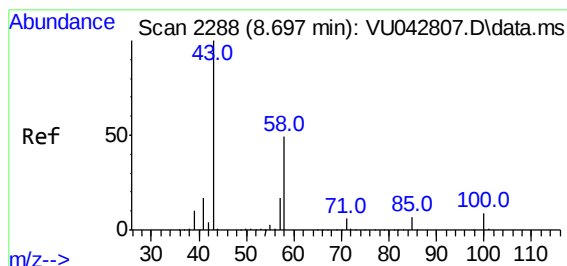
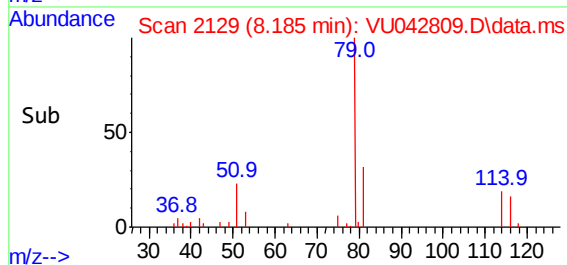
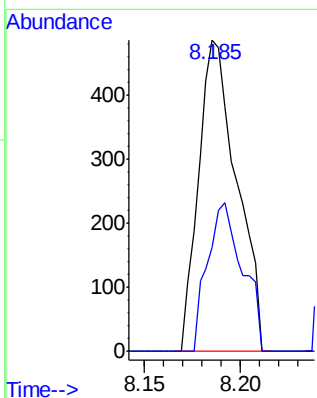
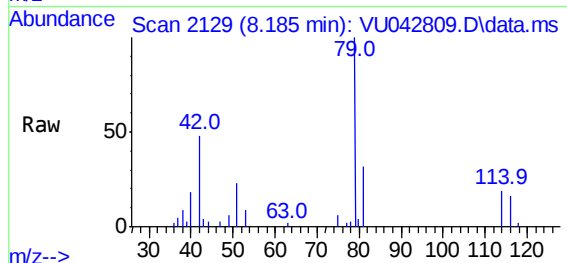




#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042809.D
Acq: 29 Mar 2021 12:13

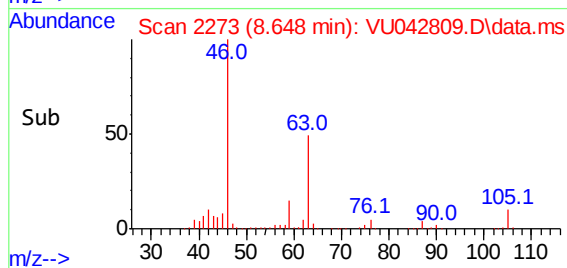
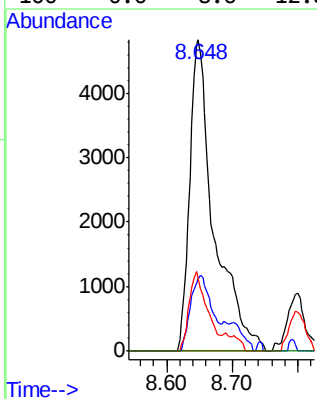
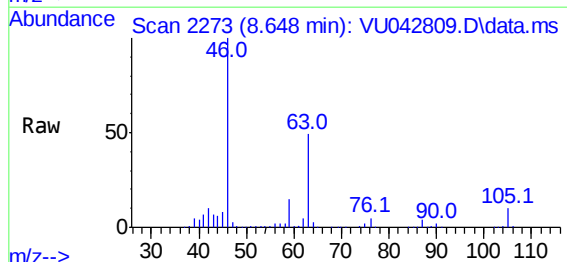
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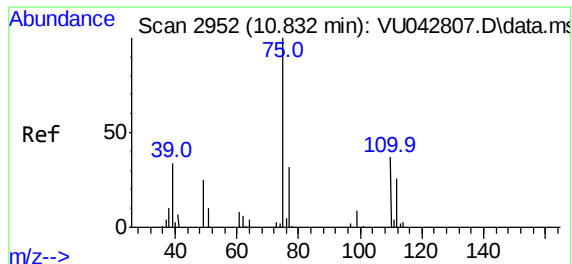
Tgt Ion: 75 Resp: 669
Ion Ratio Lower Upper
75 100
77 33.4 21.8 40.4



#48
2-Hexanone
Concen: 2.71 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042809.D
Acq: 29 Mar 2021 12:13

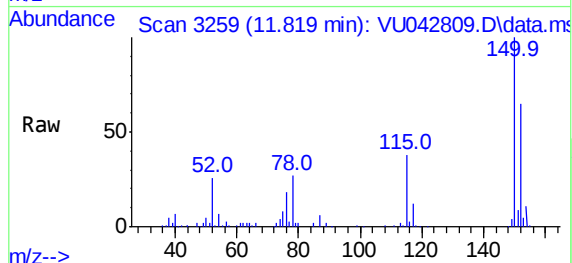
Tgt Ion: 43 Resp: 12408
Ion Ratio Lower Upper
43 100
58 20.7 40.6 61.0#
57 18.7 14.9 22.3
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.99 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042809.D
 Acq: 29 Mar 2021 12:13

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA9



Tgt Ion: 75 Resp: 5272
 Ion Ratio Lower Upper
 75 100
 77 40.8 26.0 39.0#

