

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050522\
 Data File : VU048440.D
 Acq On : 05 May 2022 16:22
 Operator : SY/MD
 Sample : N2710-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL88

Quant Time: May 06 05:40:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 05:30:23 2022
 Response via : Initial Calibration

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

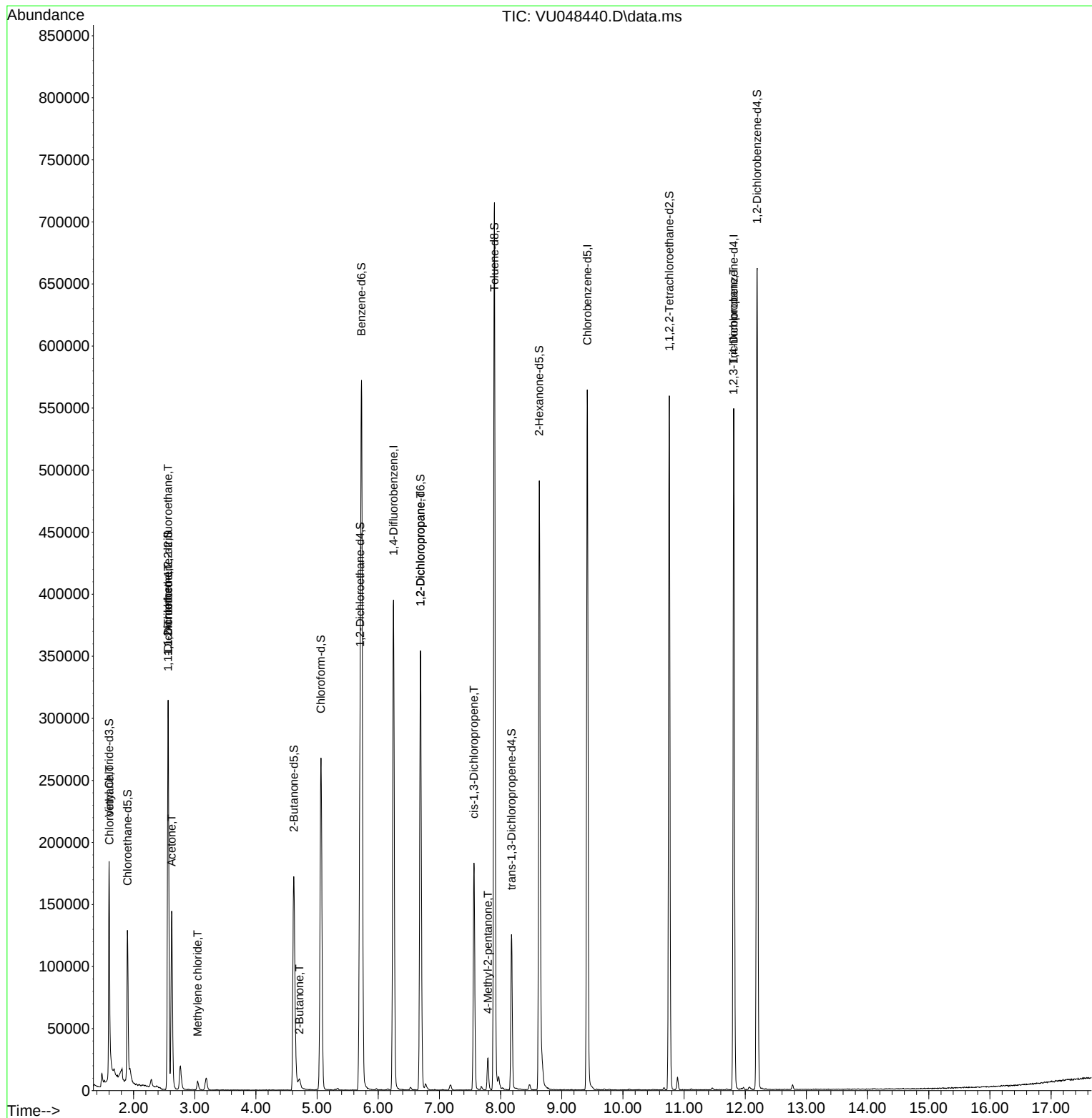
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	352407	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	352943	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	163696	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	141439	43.645	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.300%
7) Chloroethane-d5	1.900	69	101805	44.755	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.500%
11) 1,1-Dichloroethene-d2	2.565	63	178843	34.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.880%
21) 2-Butanone-d5	4.620	46	249041	90.103	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.100%
24) Chloroform-d	5.063	84	257603	43.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.660%
26) 1,2-Dichloroethane-d4	5.703	65	157668	45.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.420%
32) Benzene-d6	5.726	84	565893	50.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.680%
36) 1,2-Dichloropropane-d6	6.690	67	182640	49.630	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.260%
41) Toluene-d8	7.899	98	489665	48.530	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.060%
43) trans-1,3-Dichloroprop...	8.179	79	74005	45.574	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.140%
47) 2-Hexanone-d5	8.632	63	174217	87.746	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.750%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	283033	43.853	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.700%
66) 1,2-Dichlorobenzene-d4	12.195	152	194720	52.879	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.760%
Target Compounds						
					Qvalue	
8) Chloroethane	1.604	64	4086	2.353	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1855	0.699	ug/L #	18
12) 1,1-Dichloroethene	2.562	96	1507	0.650	ug/L #	1
13) Acetone	2.623	43	151189	85.205	ug/L	97
16) Methylene chloride	3.047	84	3781	1.266	ug/L	97
22) 2-Butanone	4.710	43	12076	4.602	ug/L	100
37) 1,2-Dichloropropane	6.690	63	17506	5.888	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3952	0.945	ug/L #	55
40) 4-Methyl-2-pentanone	7.793	43	17574	3.919	ug/L	98
60) 1,2,3-Trichloropropane	11.809	75	15752	4.125	ug/L #	67

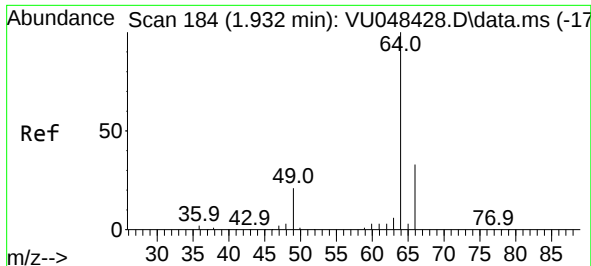
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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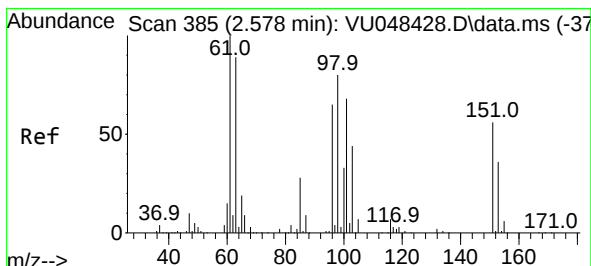
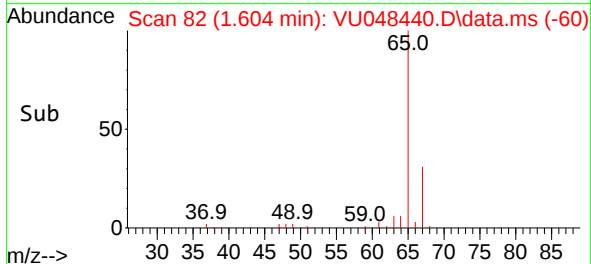
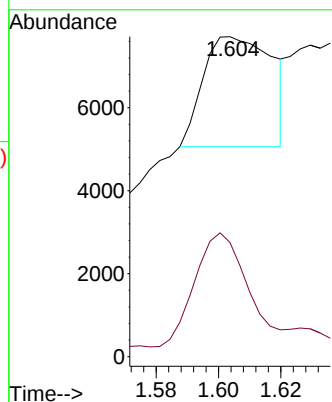
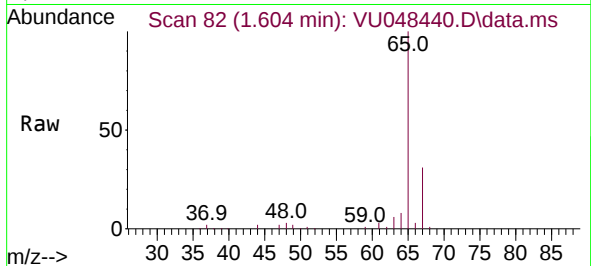




#8
Chloroethane
Concen: 2.353 ug/L
RT: 1.604 min Scan# 81
Delta R.T. -0.328 min
Lab File: VU048440.D
Acq: 05 May 2022 16:22

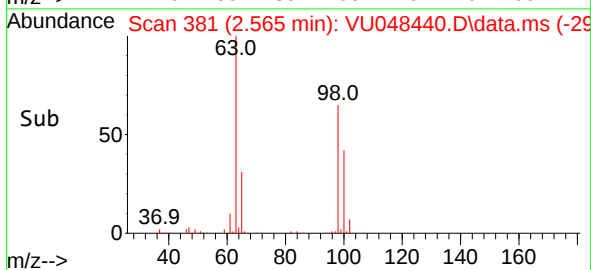
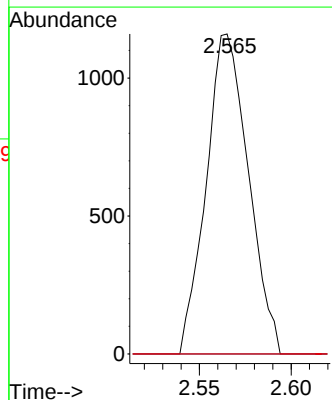
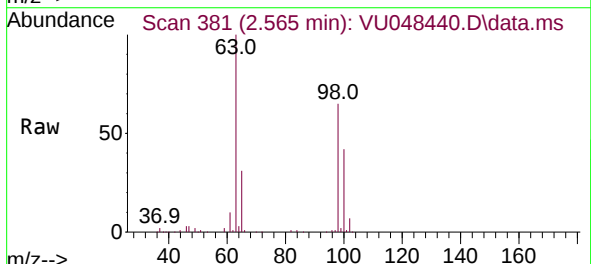
Instrument :
MSVOA_U
ClientSampleId :
EXL88

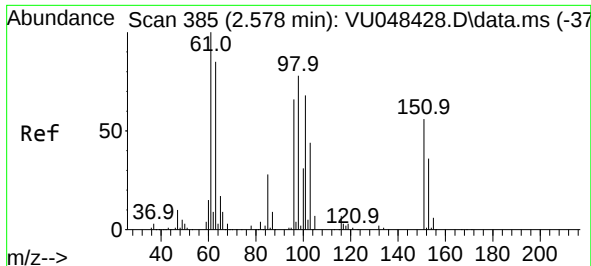
Tgt Ion: 64 Resp: 4086
Ion Ratio Lower Upper
64 100
66 35.7 21.9 40.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.699 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU048440.D
Acq: 05 May 2022 16:22

Tgt Ion: 101 Resp: 1855
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 64.1 96.1#





#12

1,1-Dichloroethene

Concen: 0.650 ug/L

RT: 2.562 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU048440.D

Acq: 05 May 2022 16:22

Instrument :

MSVOA_U

ClientSampleId :

EXL88

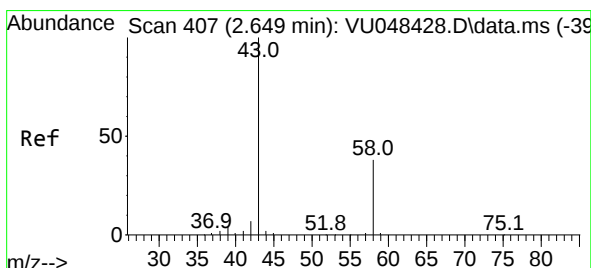
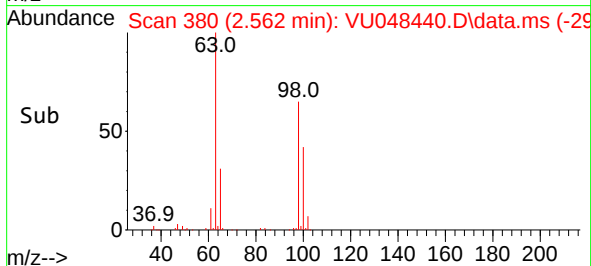
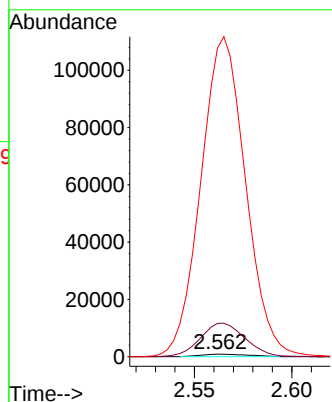
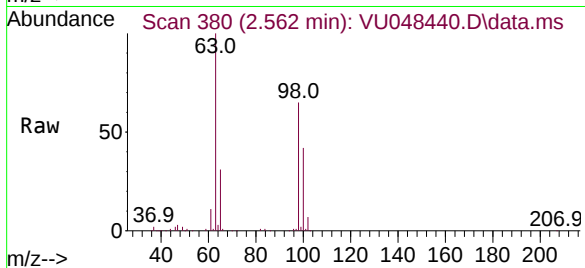
Tgt Ion: 96 Resp: 1507

Ion Ratio Lower Upper

96 100

61 1304.0 107.9 200.3#

63 12110.6 80.3 149.1#



#13

Acetone

Concen: 85.205 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.026 min

Lab File: VU048440.D

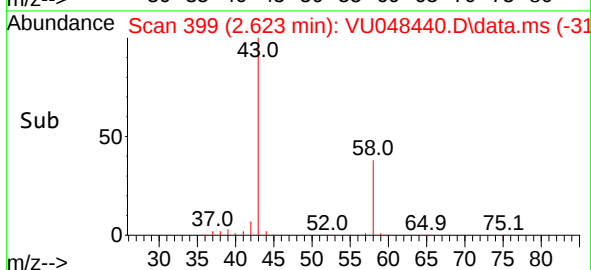
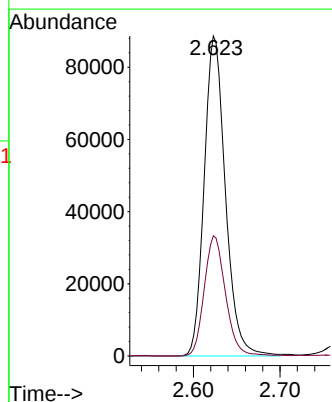
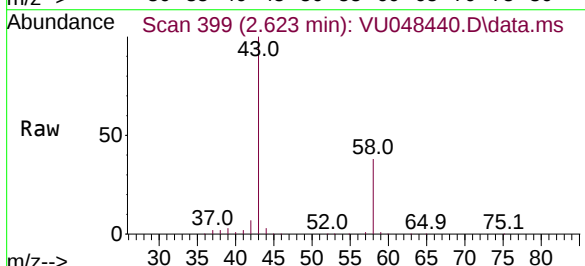
Acq: 05 May 2022 16:22

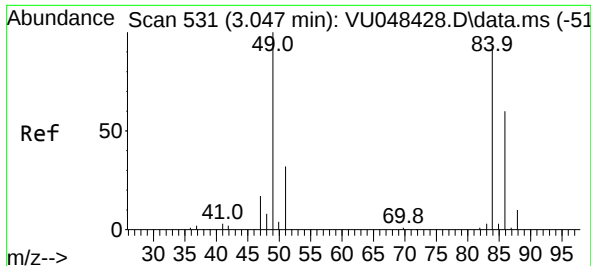
Tgt Ion: 43 Resp: 151189

Ion Ratio Lower Upper

43 100

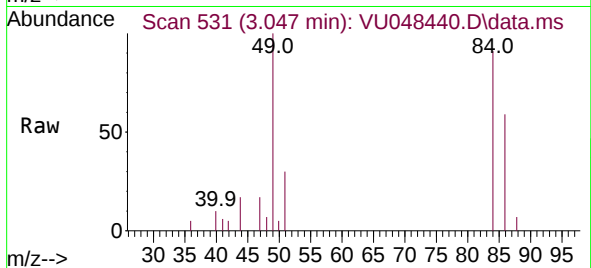
58 37.5 0.0 71.2



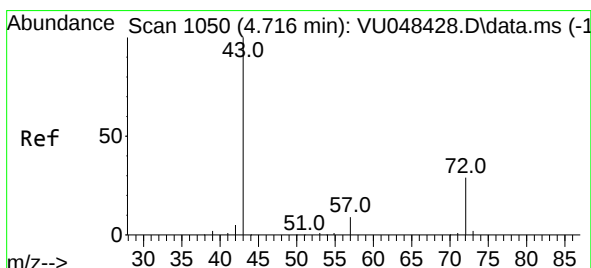
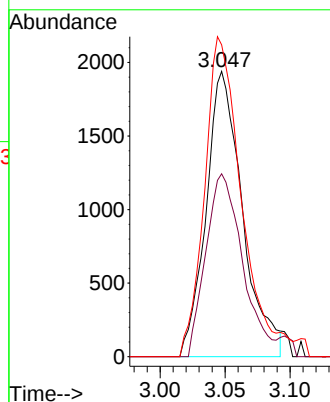
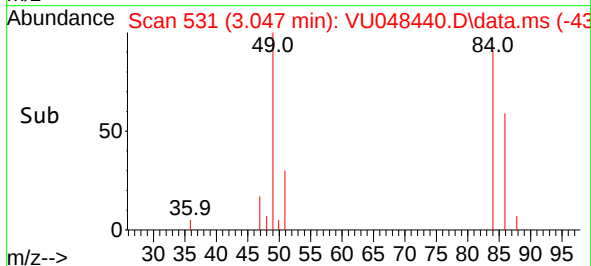


#16
Methylene chloride
Concen: 1.266 ug/L
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU048440.D
Acq: 05 May 2022 16:22

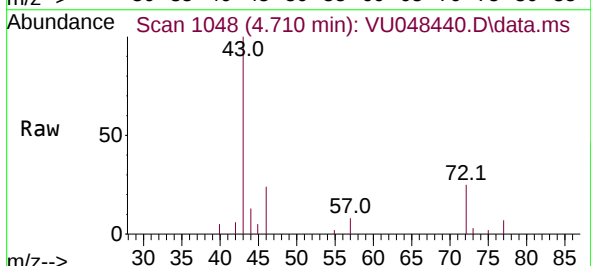
Instrument :
MSVOA_U
ClientSampleId :
EXL88



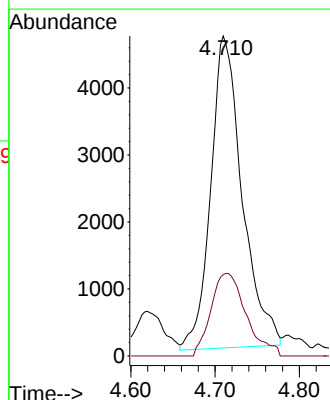
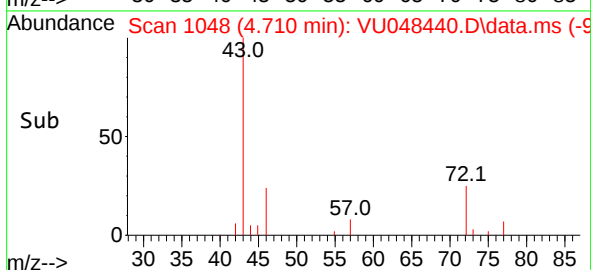
Tgt Ion: 84 Resp: 3781
Ion Ratio Lower Upper
84 100
86 64.1 45.4 84.2
49 109.3 79.2 147.0

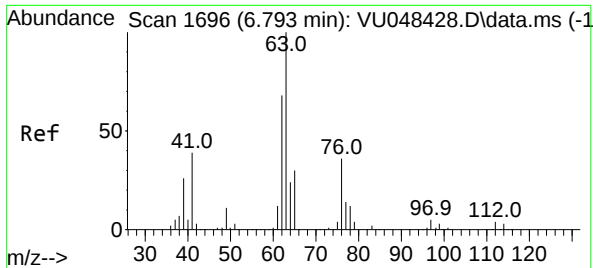


#22
2-Butanone
Concen: 4.602 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. -0.007 min
Lab File: VU048440.D
Acq: 05 May 2022 16:22



Tgt Ion: 43 Resp: 12076
Ion Ratio Lower Upper
43 100
72 29.2 14.6 43.8





#37

1,2-Dichloropropane

Concen: 5.888 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048440.D

Acq: 05 May 2022 16:22

Instrument :

MSVOA_U

ClientSampleId :

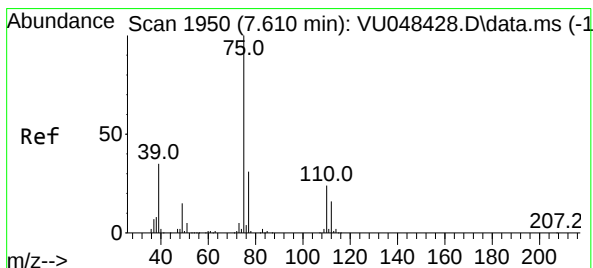
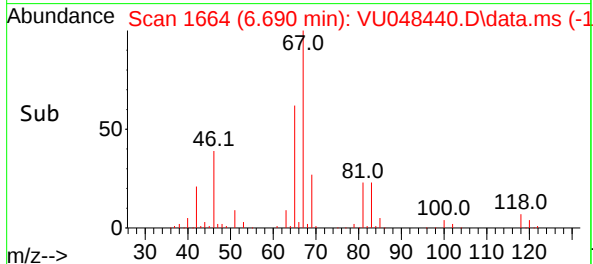
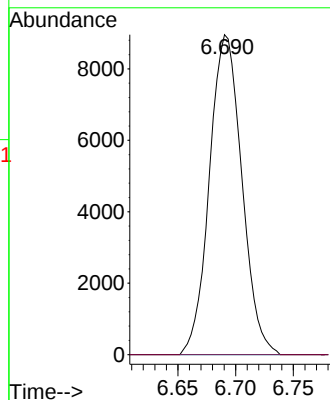
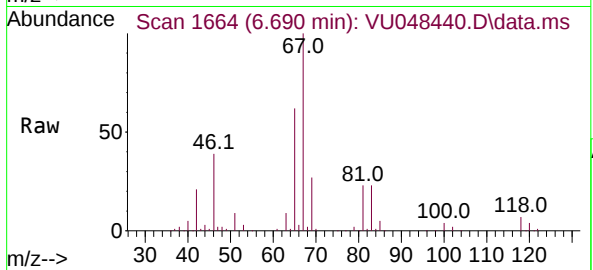
EXL88

Tgt Ion: 63 Resp: 17506

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.945 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048440.D

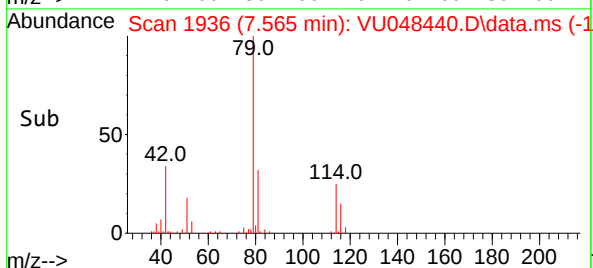
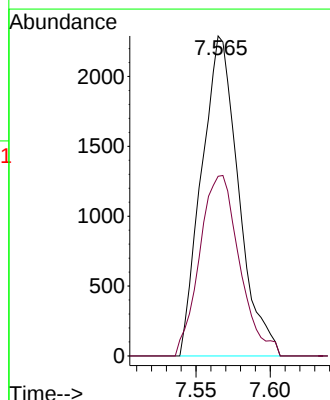
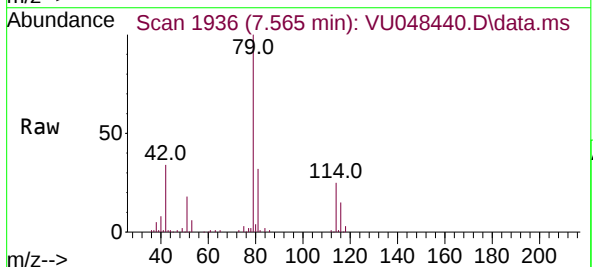
Acq: 05 May 2022 16:22

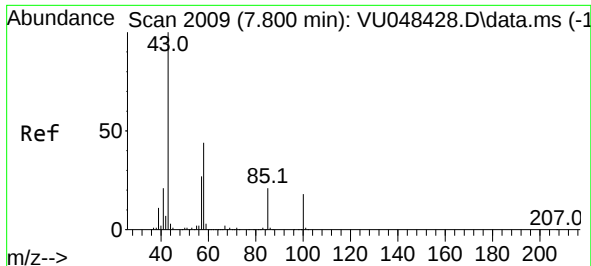
Tgt Ion: 75 Resp: 3952

Ion Ratio Lower Upper

75 100

77 56.2 22.0 41.0#





#40

4-Methyl-2-pentanone

Concen: 3.919 ug/L

RT: 7.793 min Scan# 20

Delta R.T. -0.006 min

Lab File: VU048440.D

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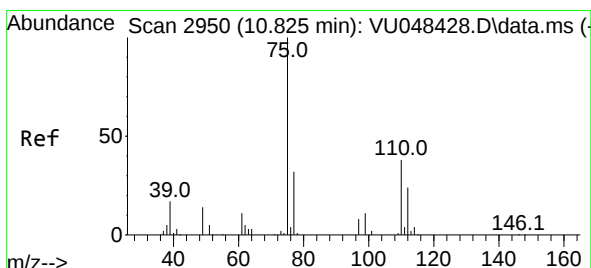
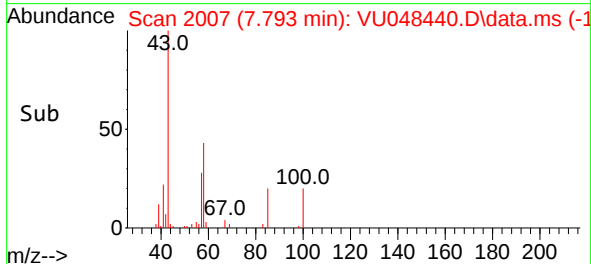
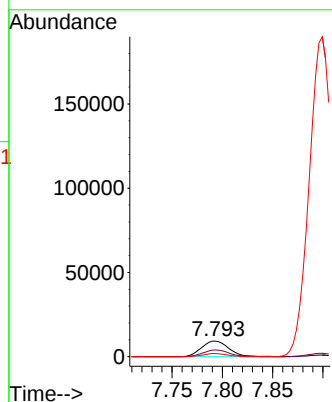
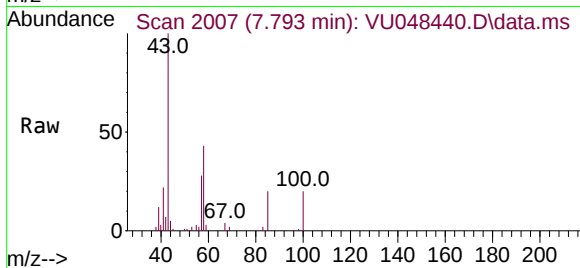
Tgt Ion: 43 Resp: 17574

Ion Ratio Lower Upper

43 100

58 41.4 34.4 51.6

100 17.8 13.6 20.4



#60

1,2,3-Trichloropropane

Concen: 4.125 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.984 min

Lab File: VU048440.D

Acq: 05 May 2022 16:22

Tgt Ion: 75 Resp: 15752

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.8

110 1.9 29.9 44.9#

