

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051022\
 Data File : VU048490.D
 Acq On : 10 May 2022 14:51
 Operator : SY/MD
 Sample : N2736-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 05:22:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 05:17:27 2022
 Response via : Initial Calibration

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

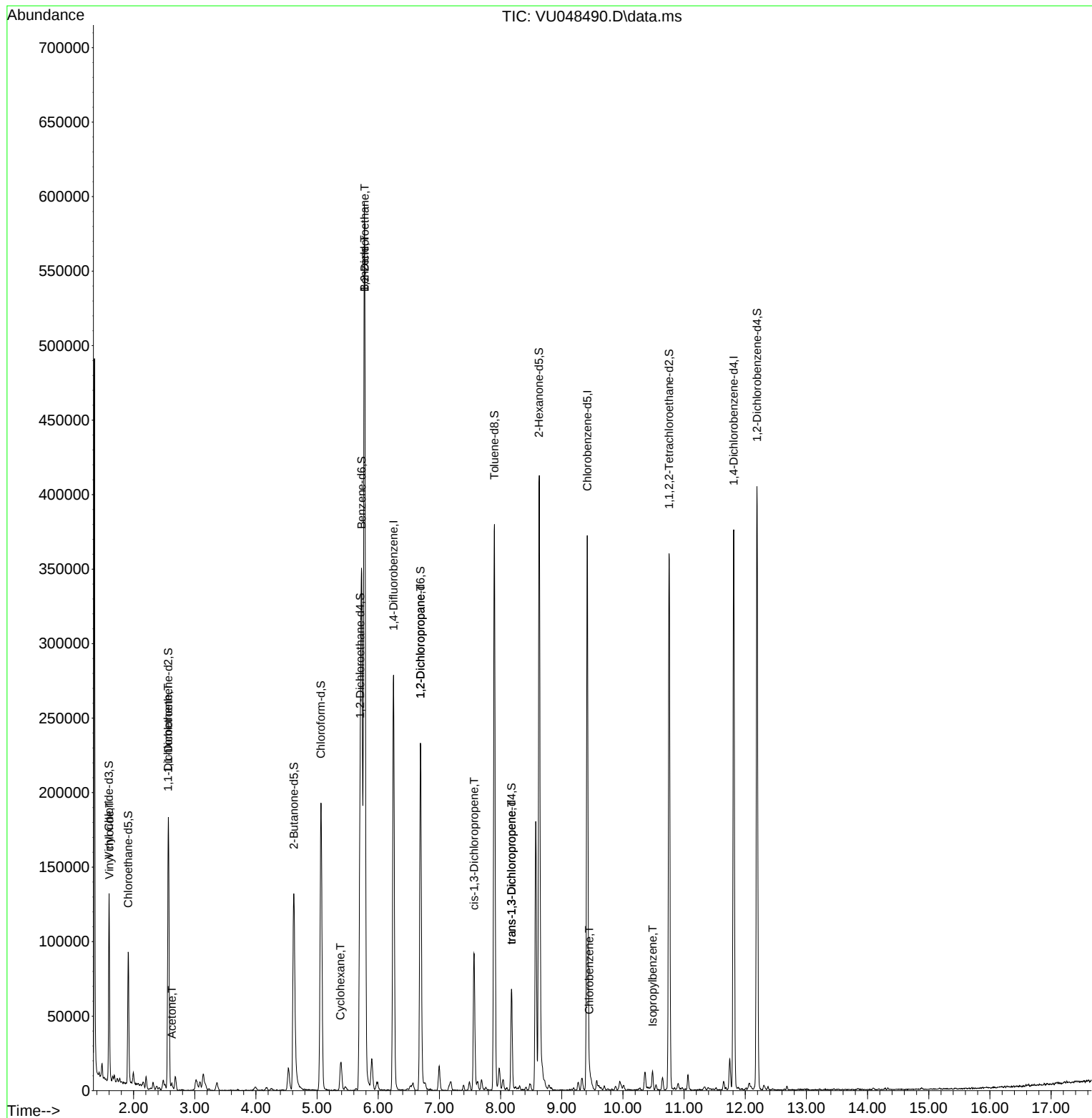
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	225220	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	202163	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	99945	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76422	39.400	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.800%
7) Chloroethane-d5	1.912	69	62832	49.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.280%
11) 1,1-Dichloroethene-d2	2.568	63	107959	31.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.540%
21) 2-Butanone-d5	4.620	46	188570	114.156	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.160%
24) Chloroform-d	5.063	84	179268	53.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.420%
26) 1,2-Dichloroethane-d4	5.703	65	134478	61.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.820%
32) Benzene-d6	5.729	84	319626	52.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.060%
36) 1,2-Dichloropropane-d6	6.690	67	105130	52.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.960%
41) Toluene-d8	7.899	98	247359	45.527	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.060%
43) trans-1,3-Dichloroprop...	8.179	79	38814	42.095	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.180%
47) 2-Hexanone-d5	8.629	63	141634	146.071	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	146.070%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	169986	55.705	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.420%
66) 1,2-Dichlorobenzene-d4	12.192	152	101163	51.117	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.240%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	2470	1.116	ug/L #	4
12) 1,1-Dichloroethene	2.565	96	797	0.505	ug/L #	1
13) Acetone	2.626	43	5103	4.098	ug/L	94
27) 1,2-Dichloroethane	5.777	62	6653	2.360	ug/L #	76
29) Cyclohexane	5.382	56	3712	1.331	ug/L #	1
33) Benzene	5.774	78	560581	80.535	ug/L	100
37) 1,2-Dichloropropane	6.690	63	12008	6.181	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2369	0.857	ug/L #	30
44) trans-1,3-Dichloropropene	8.179	75	1832	0.682	ug/L #	74
51) Chlorobenzene	9.449	112	3999	0.883	ug/L	98
61) Isopropylbenzene	10.484	105	8434	1.204	ug/L	98

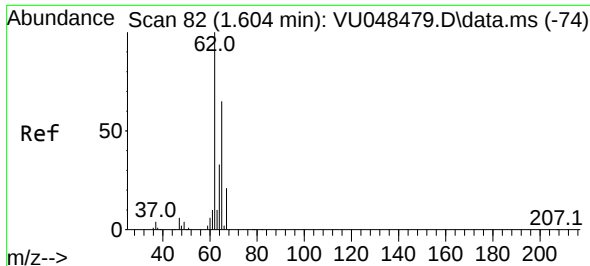
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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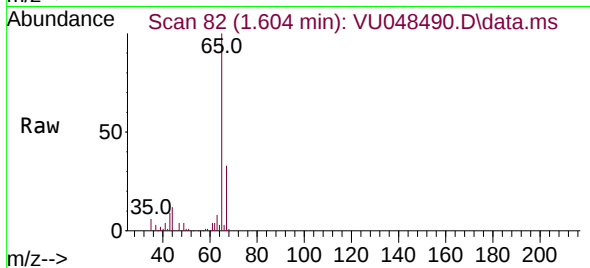
Quant Time: May 11 05:22:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
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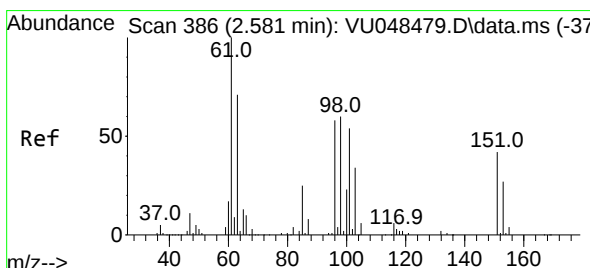
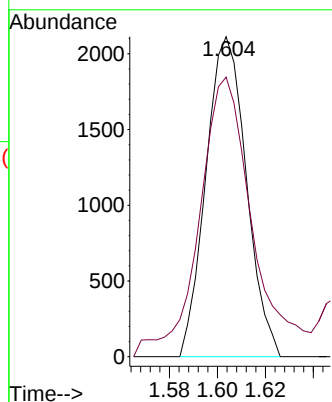
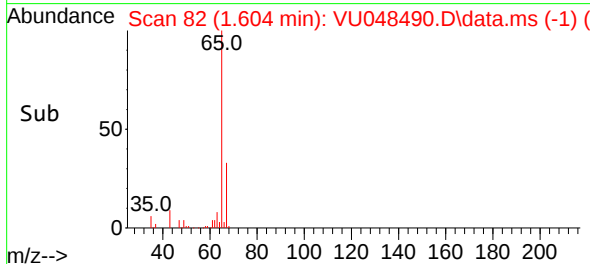


#5
 Vinyl chloride
 Concen: 1.116 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048490.D
 Acq: 10 May 2022 14:51

Instrument :
 MSVOA_U
 ClientSampleId :

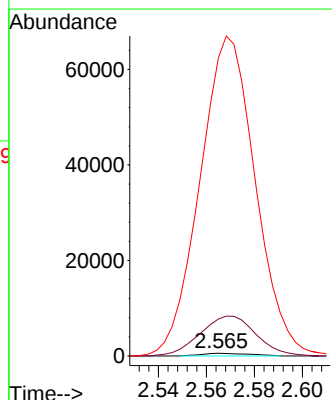
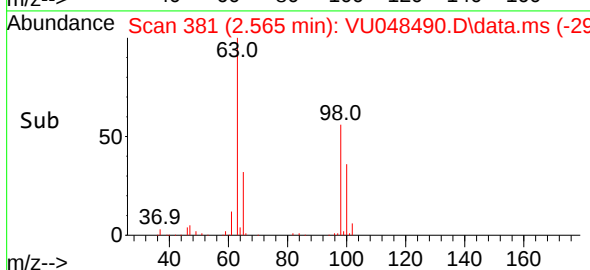
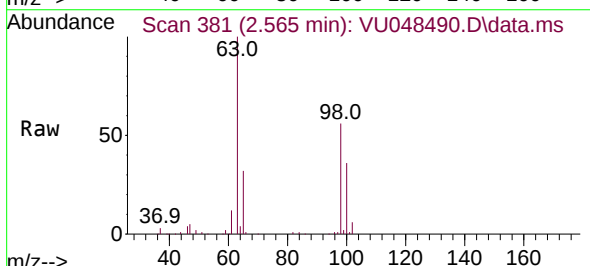


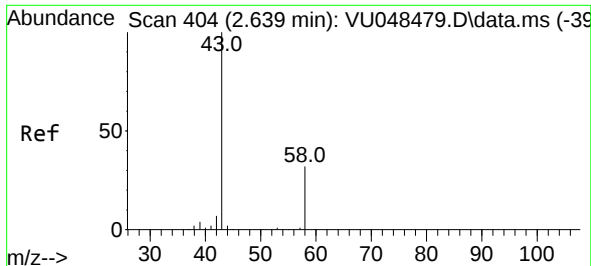
Tgt Ion: 62 Resp: 2470
 Ion Ratio Lower Upper
 62 100
 64 87.4 23.2 43.0#



#12
 1,1-Dichloroethene
 Concen: 0.505 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU048490.D
 Acq: 10 May 2022 14:51

Tgt Ion: 96 Resp: 797
 Ion Ratio Lower Upper
 96 100
 61 1372.2 124.5 231.3#
 63 11052.7 92.5 171.9#





#13

Acetone

Concen: 4.098 ug/L

RT: 2.626 min Scan# 404

Delta R.T. -0.013 min

Lab File: VU048490.D

Acq: 10 May 2022 14:51

Instrument :

MSVOA_U

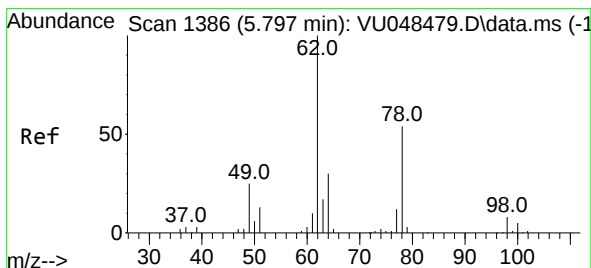
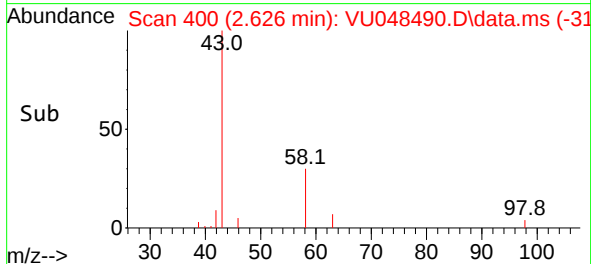
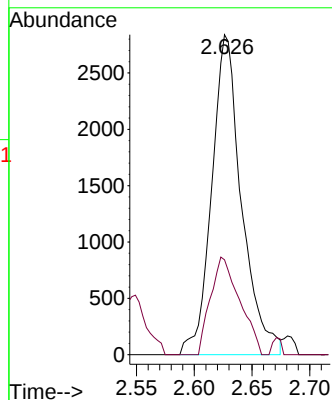
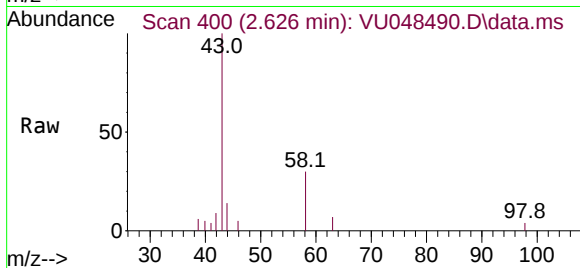
ClientSampleId :

Tgt Ion: 43 Resp: 5103

Ion Ratio Lower Upper

43 100

58 29.8 0.0 66.2



#27

1,2-Dichloroethane

Concen: 2.360 ug/L

RT: 5.777 min Scan# 1380

Delta R.T. -0.019 min

Lab File: VU048490.D

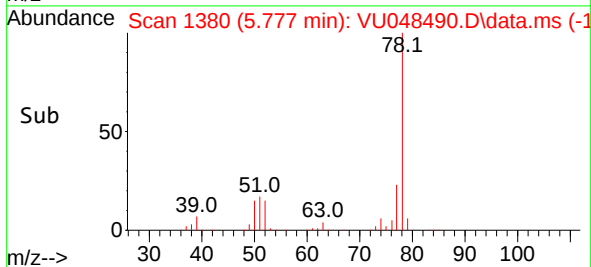
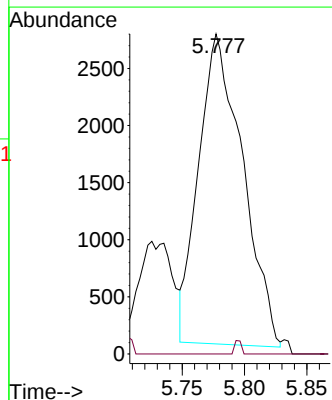
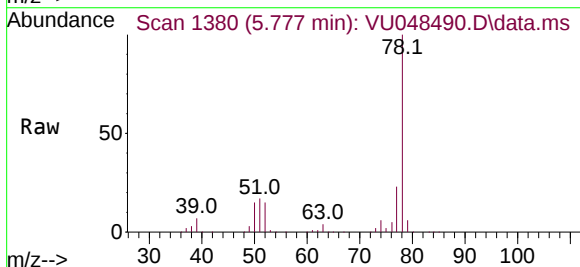
Acq: 10 May 2022 14:51

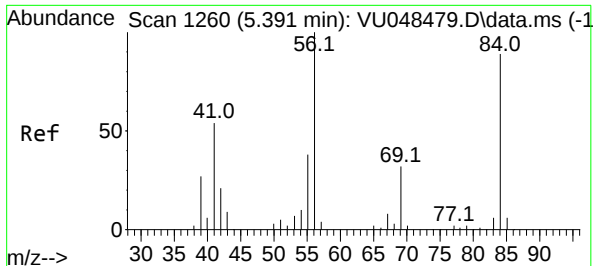
Tgt Ion: 62 Resp: 6653

Ion Ratio Lower Upper

62 100

98 0.0 6.8 10.2#





#29

Cyclohexane

Concen: 1.331 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. -0.010 min

Lab File: VU048490.D

Acq: 10 May 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

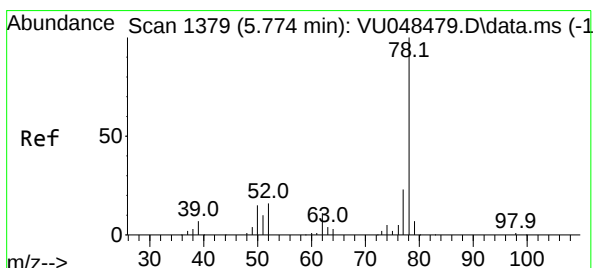
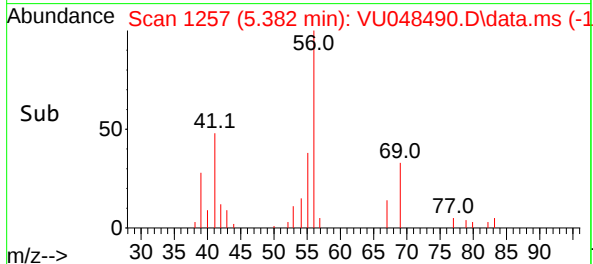
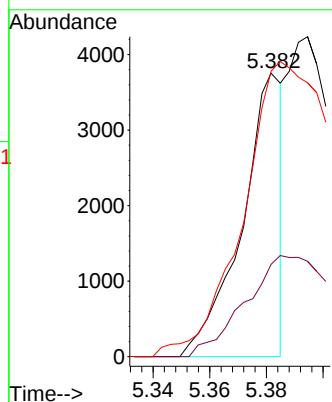
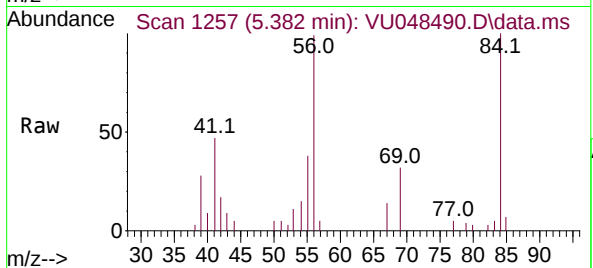
Tgt Ion: 56 Resp: 3712

Ion Ratio Lower Upper

56 100

69 84.2 23.4 35.0#

84 245.6 65.5 98.3#



#33

Benzene

Concen: 80.535 ug/L

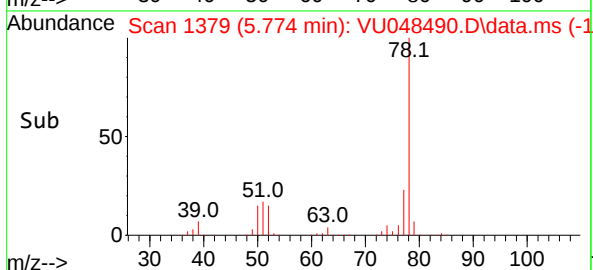
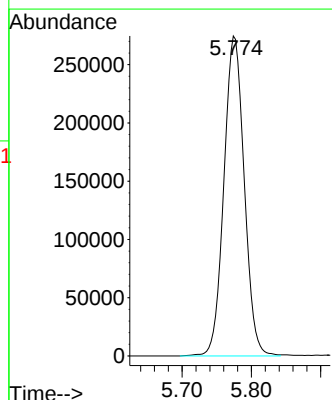
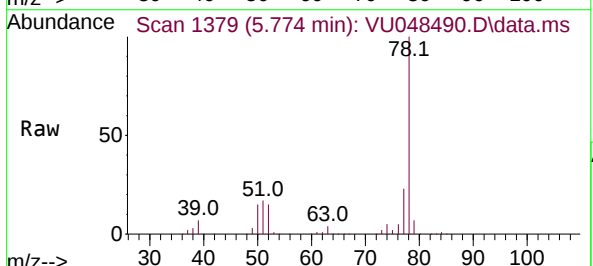
RT: 5.774 min Scan# 1379

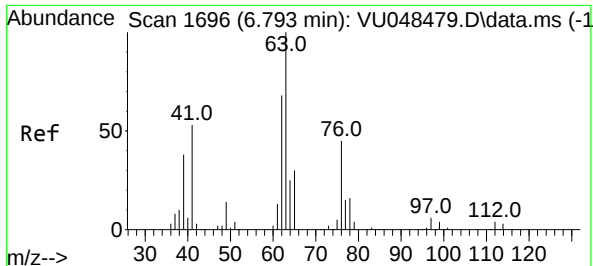
Delta R.T. -0.000 min

Lab File: VU048490.D

Acq: 10 May 2022 14:51

Tgt Ion: 78 Resp: 560581





#37

1,2-Dichloropropane

Concen: 6.181 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048490.D

Acq: 10 May 2022 14:51

Instrument :

MSVOA_U

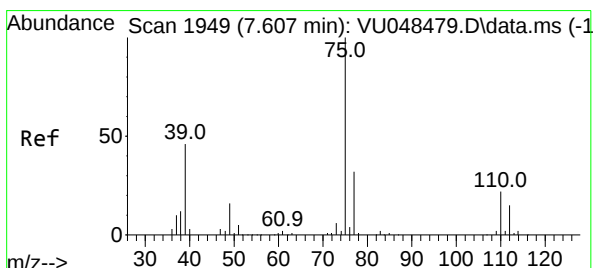
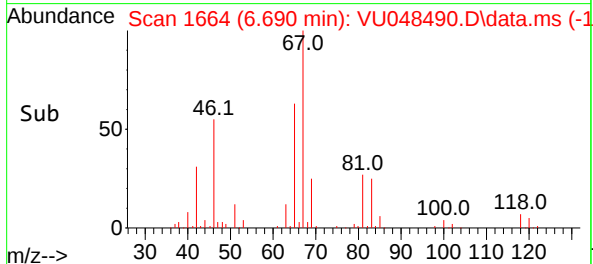
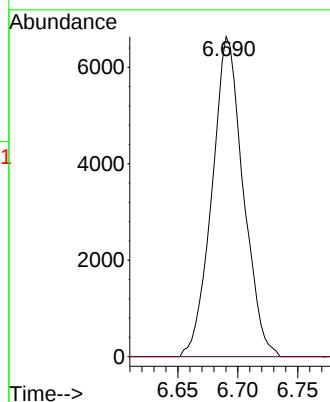
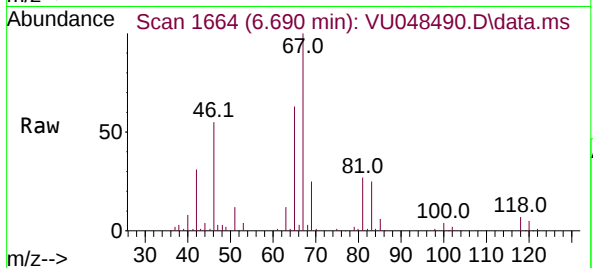
ClientSampleId :

Tgt Ion: 63 Resp: 12008

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.857 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU048490.D

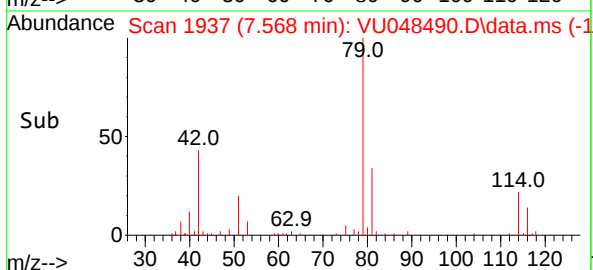
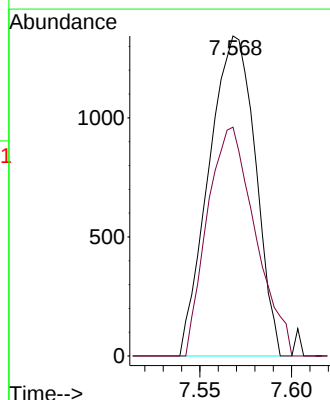
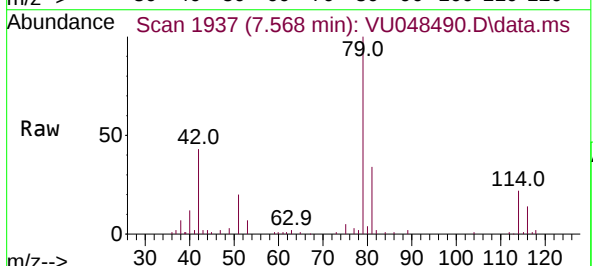
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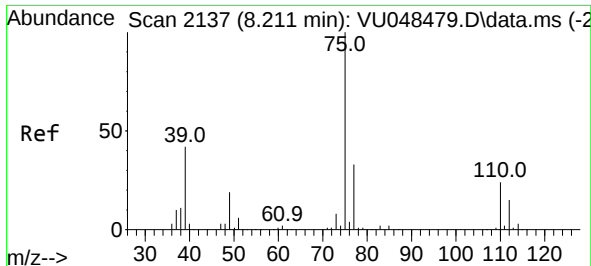
Tgt Ion: 75 Resp: 2369

Ion Ratio Lower Upper

75 100

77 71.5 22.5 41.9#

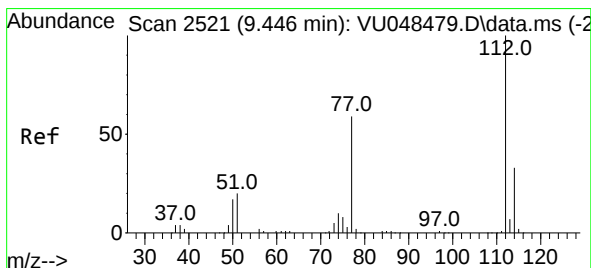
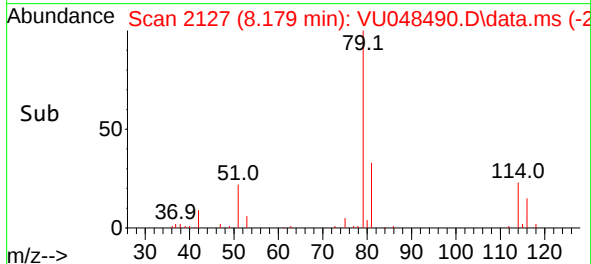
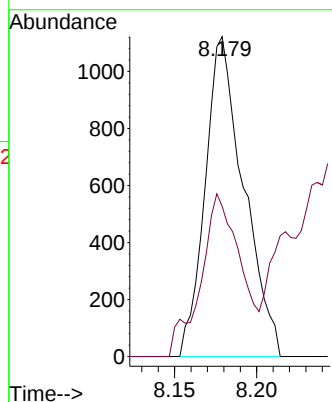
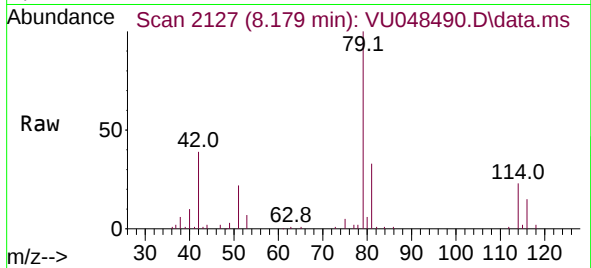




#44
trans-1,3-Dichloropropene
Concen: 0.682 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU048490.D
Acq: 10 May 2022 14:51

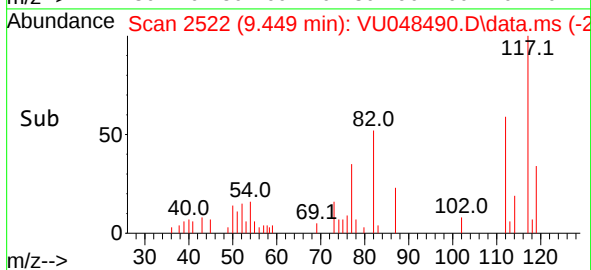
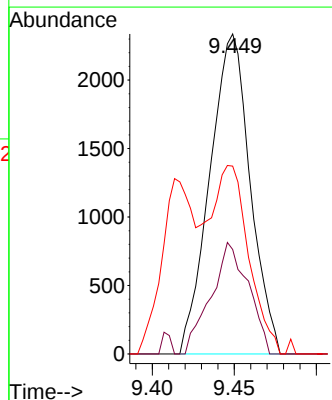
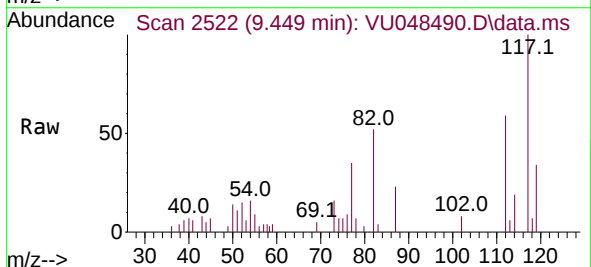
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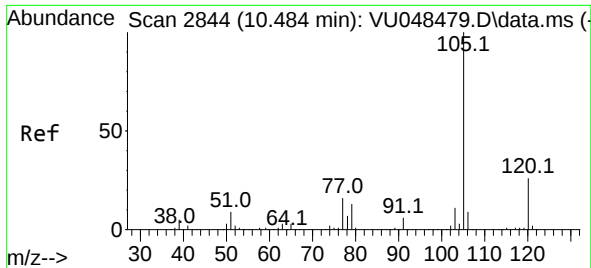
Tgt Ion: 75 Resp: 1832
Ion Ratio Lower Upper
75 100
77 47.0 22.6 42.0#



#51
Chlorobenzene
Concen: 0.883 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU048490.D
Acq: 10 May 2022 14:51

Tgt Ion: 112 Resp: 3999
Ion Ratio Lower Upper
112 100
114 32.6 23.0 42.6
77 58.7 48.4 72.6





#61
 Isopropylbenzene
 Concen: 1.204 ug/L
 RT: 10.484 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU048490.D
 Acq: 10 May 2022 14:51

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:105 Resp: 8434
 Ion Ratio Lower Upper
 105 100
 120 24.6 21.0 31.4
 77 15.7 12.5 18.7

