

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047981.D
 Acq On : 13 Apr 2022 01:10
 Operator : SY/MD
 Sample : N2345-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 04:52:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 04:40:51 2022
 Response via : Initial Calibration

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

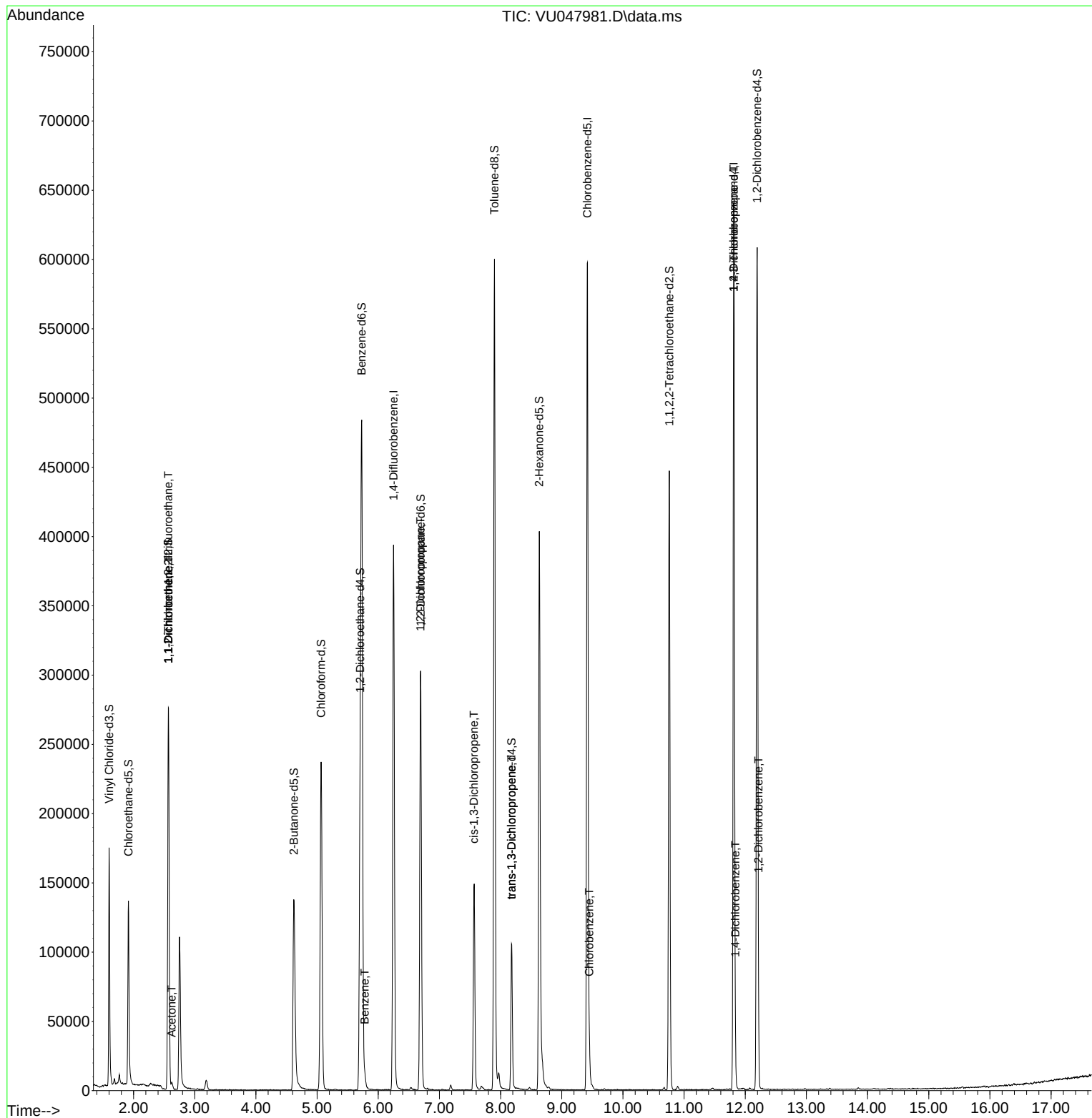
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	338843	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	355207	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	182087	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	124592	50.705	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.420%
7) Chloroethane-d5	1.916	69	106132	54.778	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.560%
11) 1,1-Dichloroethene-d2	2.568	63	158112	35.170	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.340%
21) 2-Butanone-d5	4.620	46	202039	95.797	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.800%
24) Chloroform-d	5.067	84	224838	50.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.020%
26) 1,2-Dichloroethane-d4	5.703	65	142856	51.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.620%
32) Benzene-d6	5.729	84	454817	50.886	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.780%
36) 1,2-Dichloropropane-d6	6.694	67	147985	53.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.820%
41) Toluene-d8	7.899	98	408011	46.853	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.700%
43) trans-1,3-Dichloroprop...	8.179	79	60588	43.568	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.140%
47) 2-Hexanone-d5	8.632	63	141590	88.114	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.110%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	223852	47.519	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.040%
66) 1,2-Dichlorobenzene-d4	12.195	152	172038	53.106	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.220%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1651	0.661	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1330	0.572	ug/L #	1
13) Acetone	2.623	43	4964	2.529	ug/L	96
33) Benzene	5.777	78	8150	0.793	ug/L	100
37) 1,2-Dichloropropane	6.690	63	15098	5.776	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	3660	0.902	ug/L #	66
44) trans-1,3-Dichloropropene	8.179	75	2743	0.677	ug/L	89
51) Chlorobenzene	9.449	112	13139	1.715	ug/L	99
60) 1,2,3-Trichloropropane	11.812	75	19875	5.790	ug/L #	65
65) 1,4-Dichlorobenzene	11.838	146	5072	0.895	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	3874	0.708	ug/L	94

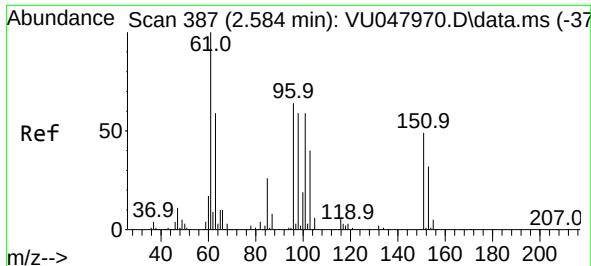
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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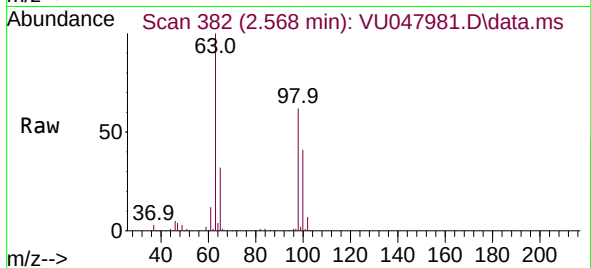
Quant Time: Apr 13 04:52:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 13 04:40:51 2022
Response via : Initial Calibration



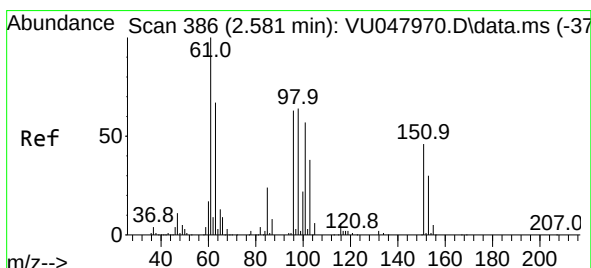
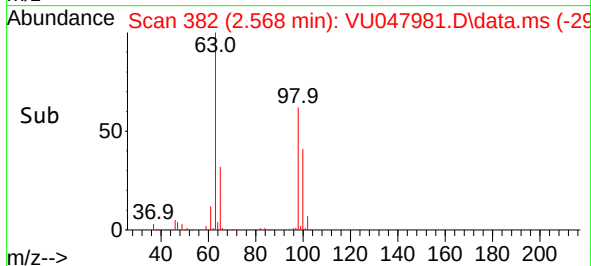
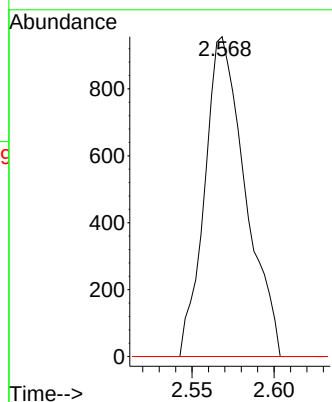


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.661 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU047981.D
 Acq: 13 Apr 2022 01:10

Instrument :
 MSVOA_U
 ClientSampleId :

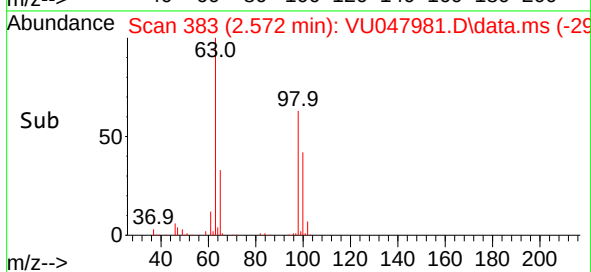
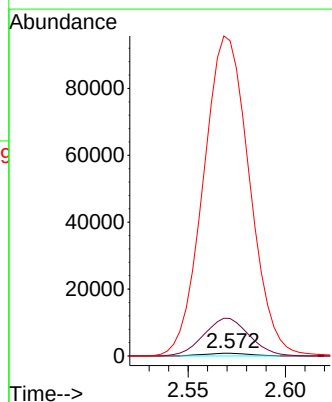
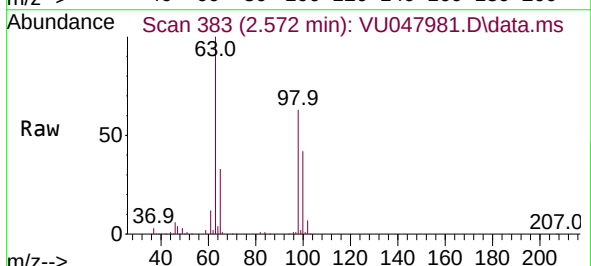


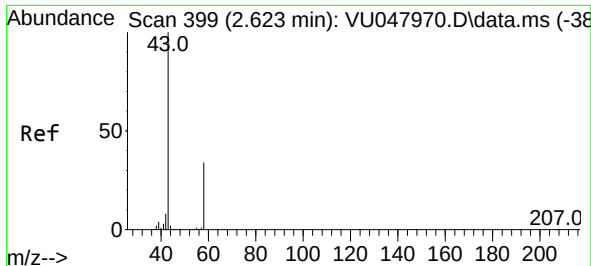
Tgt Ion:101 Resp: 1651
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.572 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU047981.D
 Acq: 13 Apr 2022 01:10

Tgt Ion: 96 Resp: 1330
 Ion Ratio Lower Upper
 96 100
 61 1351.9 113.1 210.1#
 63 11380.7 94.8 176.0#





#13

Acetone

Concen: 2.529 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU047981.D

Acq: 13 Apr 2022 01:10

Instrument :

MSVOA_U

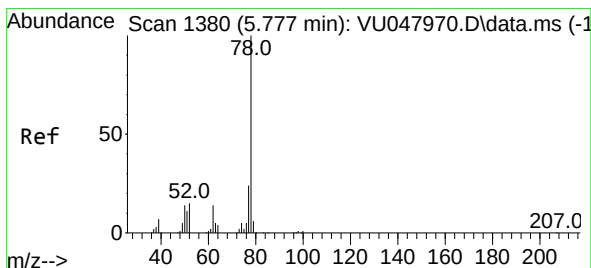
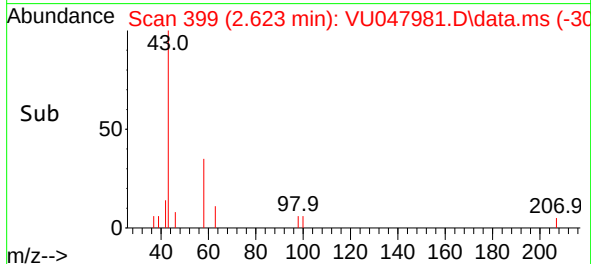
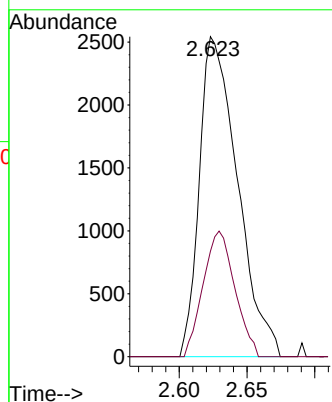
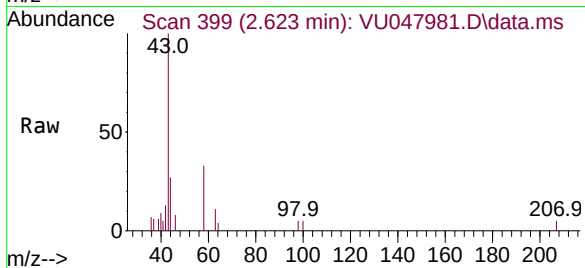
ClientSampleId :

Tgt Ion: 43 Resp: 4964

Ion Ratio Lower Upper

43 100

58 32.7 0.0 70.0



#33

Benzene

Concen: 0.793 ug/L

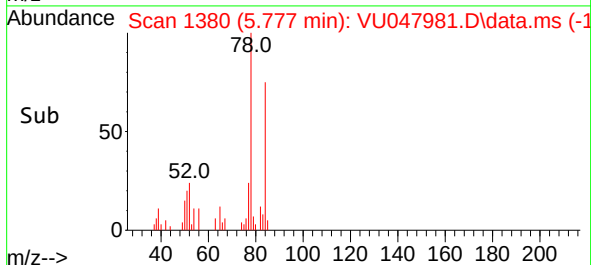
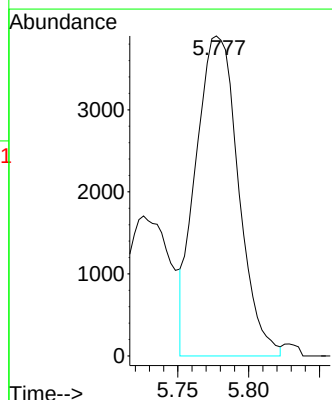
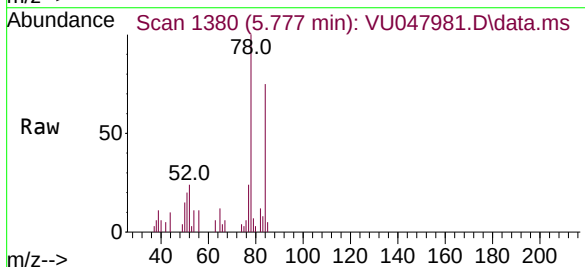
RT: 5.777 min Scan# 1380

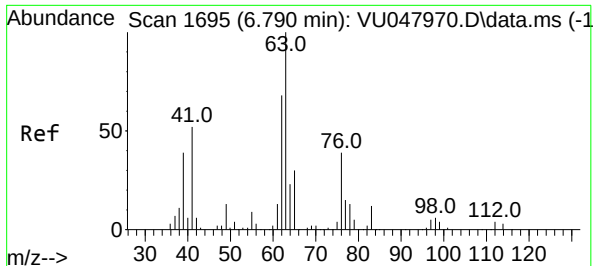
Delta R.T. -0.000 min

Lab File: VU047981.D

Acq: 13 Apr 2022 01:10

Tgt Ion: 78 Resp: 8150





#37

1,2-Dichloropropane

Concen: 5.776 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047981.D

Acq: 13 Apr 2022 01:10

Instrument :

MSVOA_U

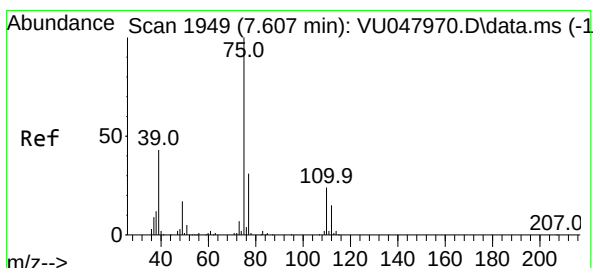
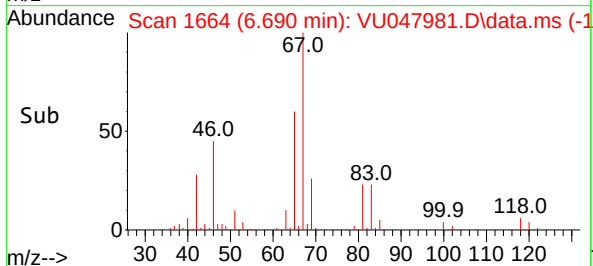
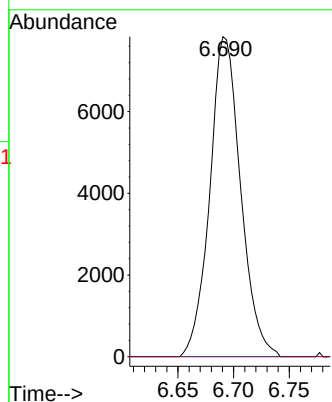
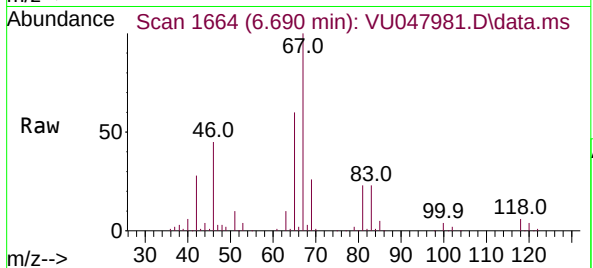
ClientSampleId :

Tgt Ion: 63 Resp: 15098

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.902 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU047981.D

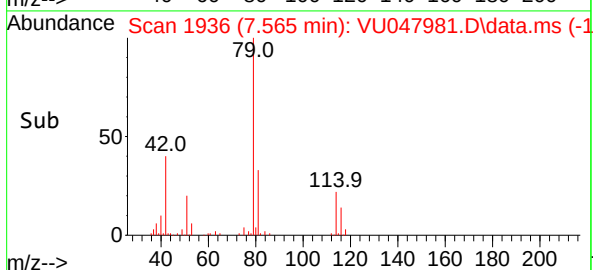
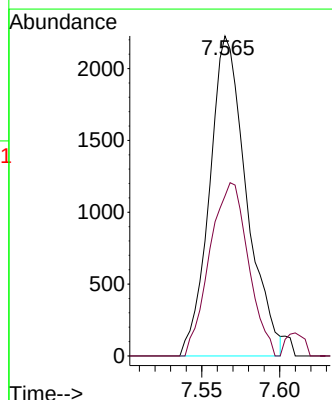
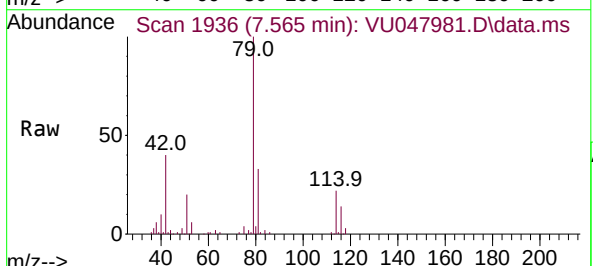
Acq: 13 Apr 2022 01:10

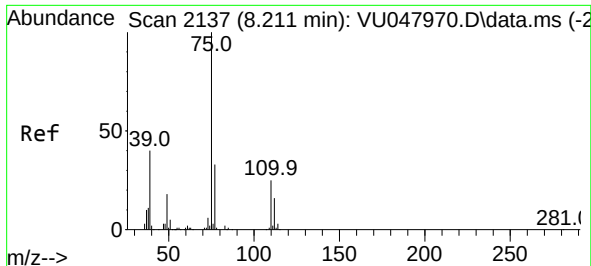
Tgt Ion: 75 Resp: 3660

Ion Ratio Lower Upper

75 100

77 50.0 21.8 40.6#

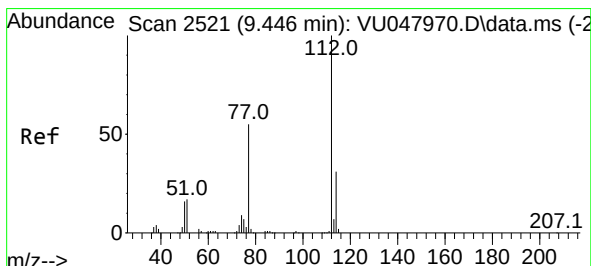
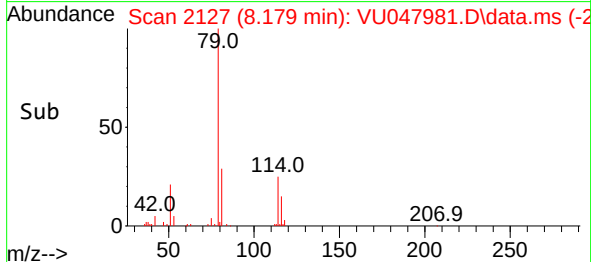
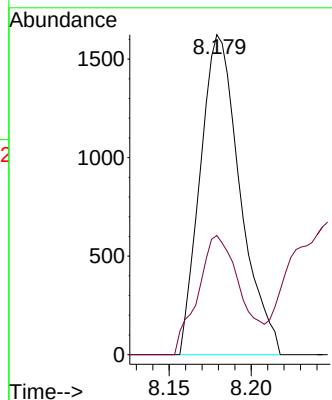
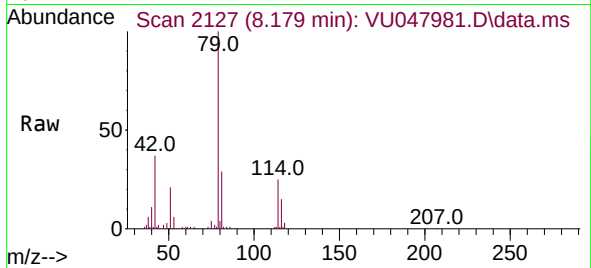




#44
trans-1,3-Dichloropropene
Concen: 0.677 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU047981.D
Acq: 13 Apr 2022 01:10

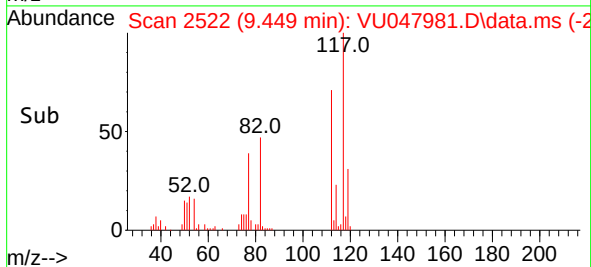
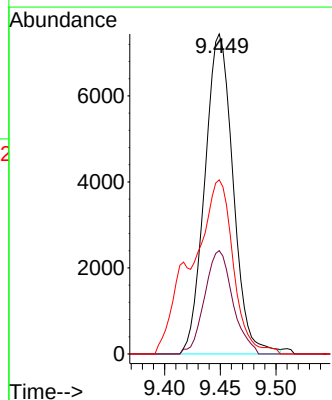
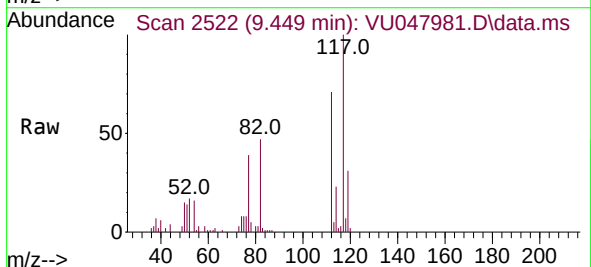
Instrument :
MSVOA_U
ClientSampleId :

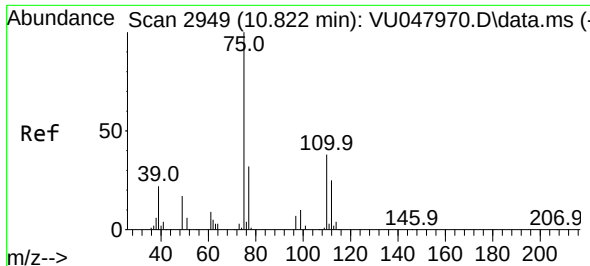
Tgt Ion: 75 Resp: 2743
Ion Ratio Lower Upper
75 100
77 37.3 22.0 40.8



#51
Chlorobenzene
Concen: 1.715 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU047981.D
Acq: 13 Apr 2022 01:10

Tgt Ion: 112 Resp: 13139
Ion Ratio Lower Upper
112 100
114 32.3 22.1 41.1
77 54.4 43.4 65.0

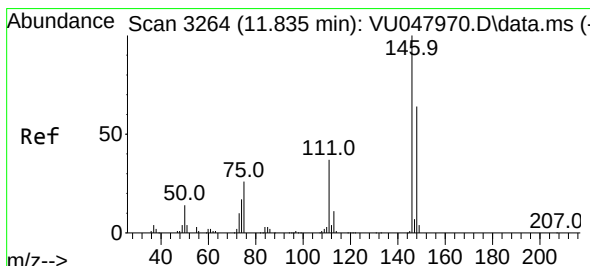
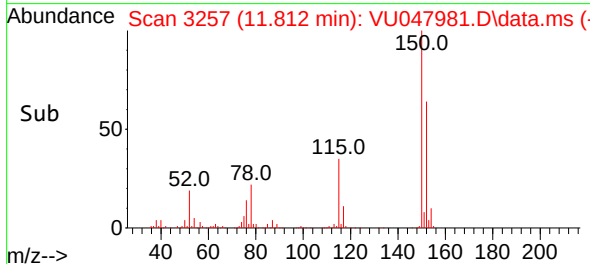
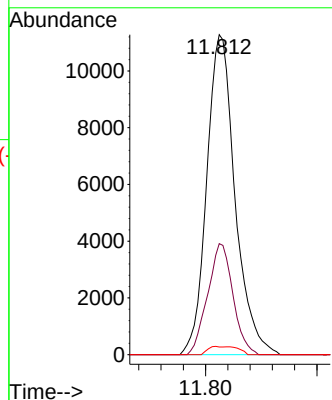
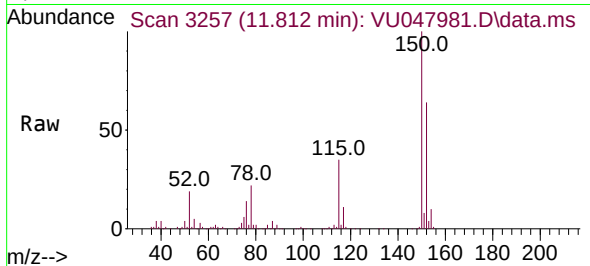




#60
1,2,3-Trichloropropane
Concen: 5.790 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU047981.D
Acq: 13 Apr 2022 01:10

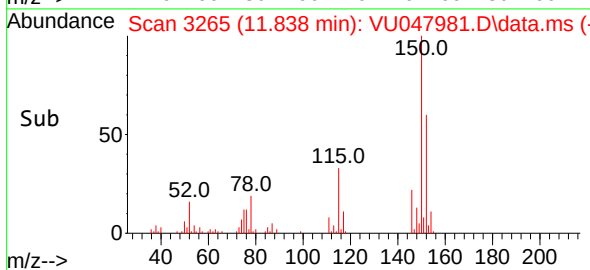
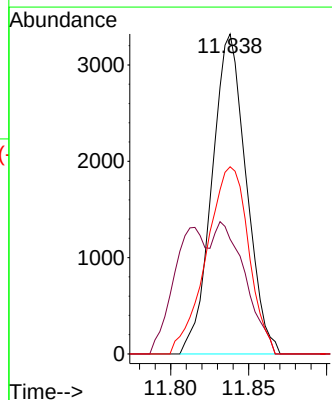
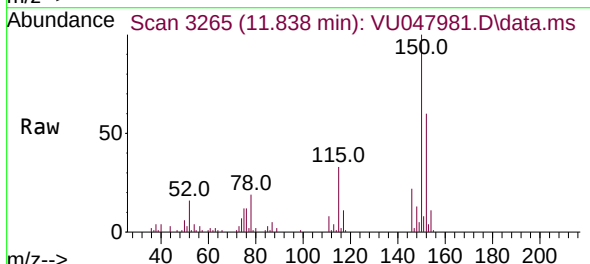
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ClientSampleId :

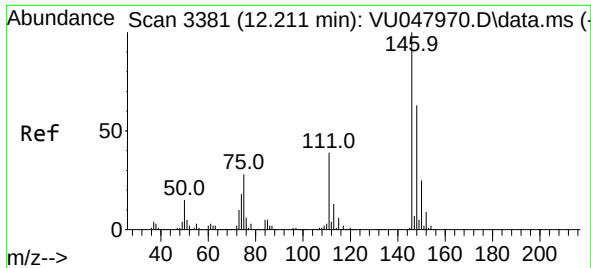
Tgt Ion: 75 Resp: 19875
Ion Ratio Lower Upper
75 100
77 31.0 26.0 39.0
110 1.1 31.4 47.2#



#65
1,4-Dichlorobenzene
Concen: 0.895 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047981.D
Acq: 13 Apr 2022 01:10

Tgt Ion:146 Resp: 5072
Ion Ratio Lower Upper
146 100
111 35.8 25.3 47.1
148 58.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 0.708 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

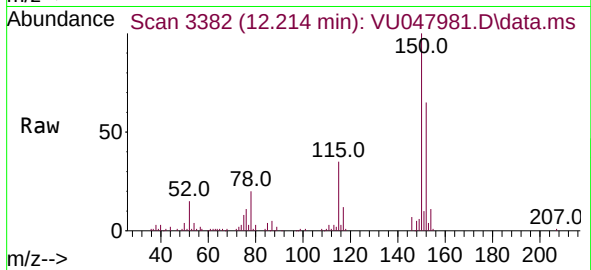
Lab File: VU047981.D

Acq: 13 Apr 2022 01:10

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 3874

Ion Ratio Lower Upper

146 100

111 44.5 31.7 47.5

148 68.0 51.4 77.2

