

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048066.D
 Acq On : 14 Apr 2022 18:17
 Operator : SY/MD
 Sample : N2387-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J76

Quant Time: Apr 15 02:28:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 02:23:12 2022
 Response via : Initial Calibration

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

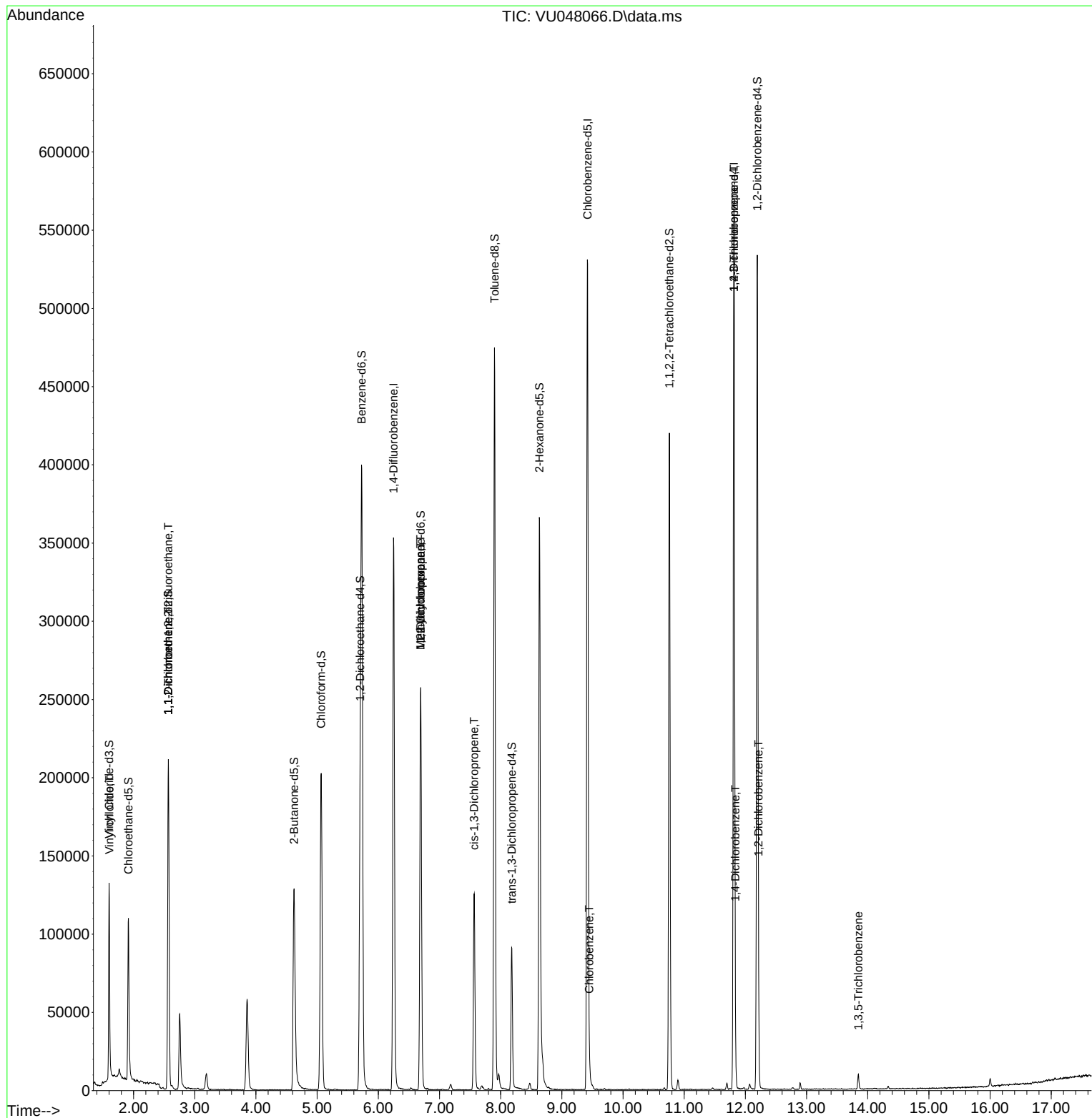
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	298695	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	319244	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	165439	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	87898	40.580	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.160%		
7) Chloroethane-d5	1.915	69	83947	49.152	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.300%		
11) 1,1-Dichloroethene-d2	2.568	63	118627	29.934	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.860%#		
21) 2-Butanone-d5	4.623	46	184662	99.326	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.330%		
24) Chloroform-d	5.066	84	193981	48.945	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.880%		
26) 1,2-Dichloroethane-d4	5.703	65	125372	51.578	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.160%		
32) Benzene-d6	5.729	84	373183	46.456	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.920%		
36) 1,2-Dichloropropane-d6	6.693	67	125426	50.841	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.680%		
41) Toluene-d8	7.899	98	323946	41.390	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.780%		
43) trans-1,3-Dichloroprop...	8.182	79	51457	41.171	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.340%		
47) 2-Hexanone-d5	8.632	63	132091	91.463	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.460%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	207348	48.974	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.940%		
66) 1,2-Dichlorobenzene-d4	12.195	152	147416	50.085	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.160%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	3364	1.245	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1304	0.592	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1157	0.565	ug/L #	1
35) Methylcyclohexane	6.690	83	29400	7.977	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	13326	5.673	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	3063	0.840	ug/L #	71
51) Chlorobenzene	9.449	112	5305	0.771	ug/L	93
60) 1,2,3-Trichloropropane	11.812	75	17567	5.633	ug/L #	66
65) 1,4-Dichlorobenzene	11.835	146	4094	0.795	ug/L	86
67) 1,2-Dichlorobenzene	12.214	146	6610	1.329	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.844	180	3643	0.903	ug/L	98

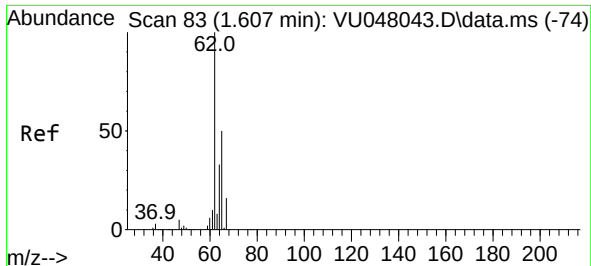
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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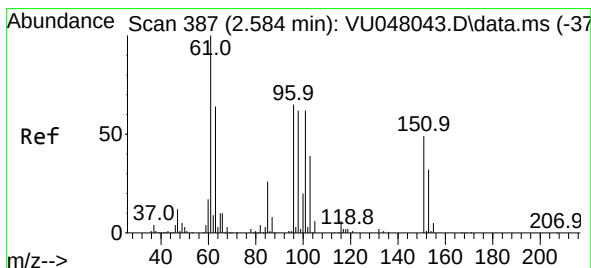
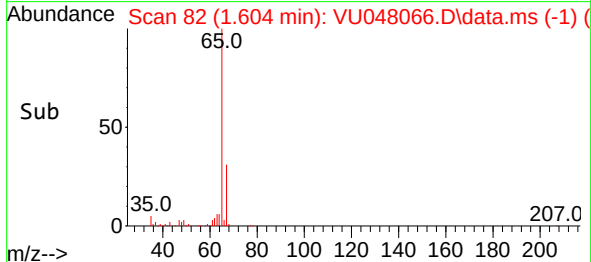
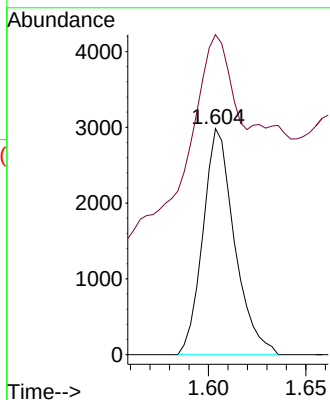
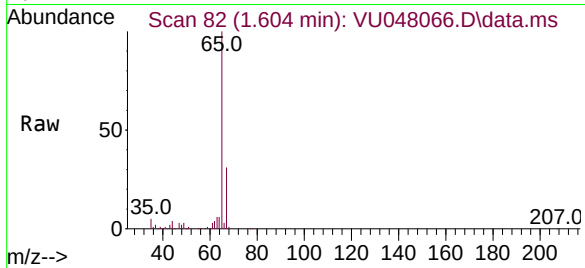




#5
 Vinyl chloride
 Concen: 1.245 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048066.D
 Acq: 14 Apr 2022 18:17

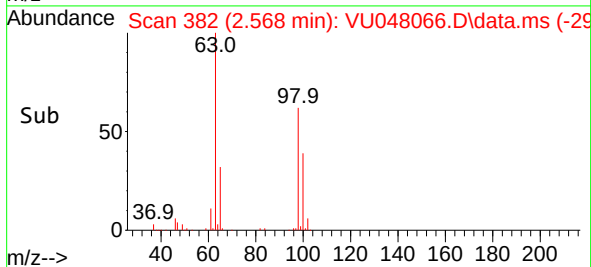
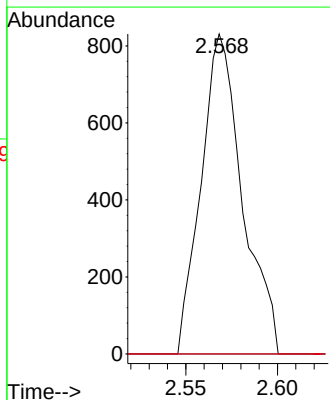
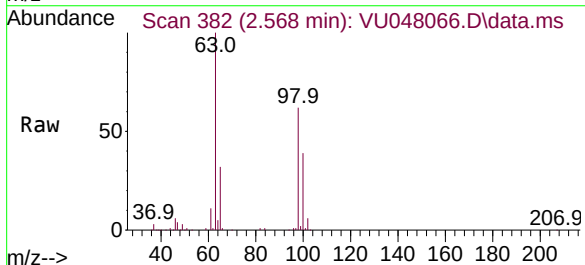
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J76

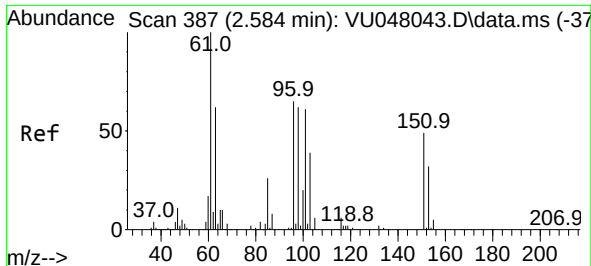
Tgt Ion: 62 Resp: 3364
 Ion Ratio Lower Upper
 62 100
 64 141.5 23.7 43.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.592 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048066.D
 Acq: 14 Apr 2022 18:17

Tgt Ion: 101 Resp: 1304
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#

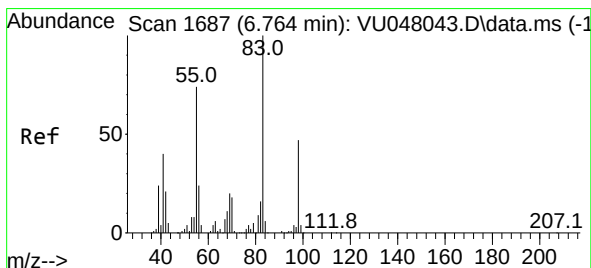
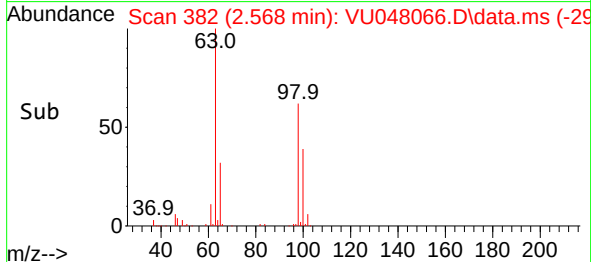
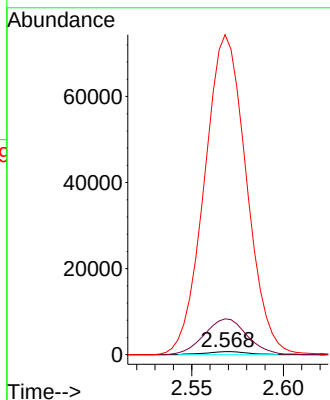
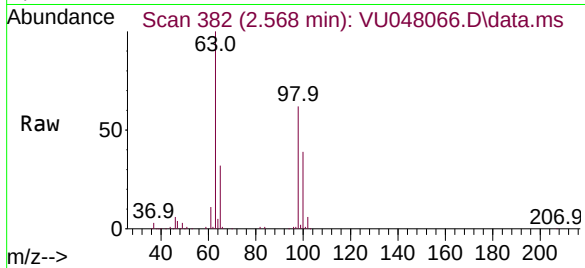




#12
1,1-Dichloroethene
Concen: 0.565 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU048066.D
Acq: 14 Apr 2022 18:17

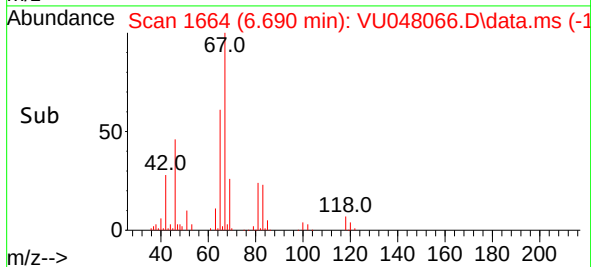
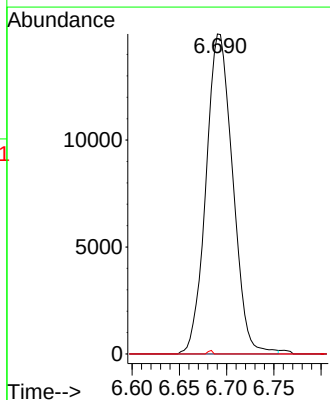
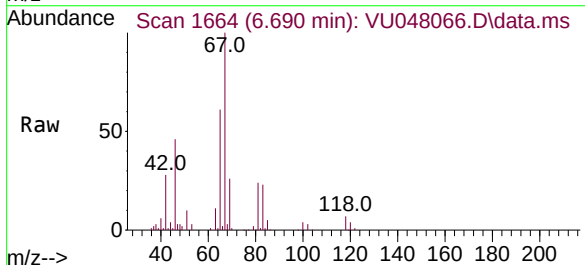
Instrument :
MSVOA_U
ClientSampleId :
C0J76

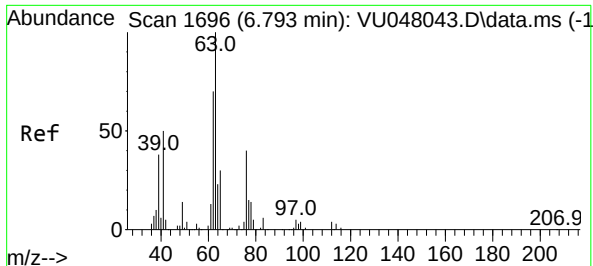
Tgt Ion: 96 Resp: 1157
Ion Ratio Lower Upper
96 100
61 1159.5 113.1 210.1#
63 10343.3 94.8 176.0#



#35
Methylcyclohexane
Concen: 7.977 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU048066.D
Acq: 14 Apr 2022 18:17

Tgt Ion: 83 Resp: 29400
Ion Ratio Lower Upper
83 100
55 0.0 56.8 85.2#
98 0.2 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 5.673 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048066.D

Acq: 14 Apr 2022 18:17

Instrument :

MSVOA_U

ClientSampleId :

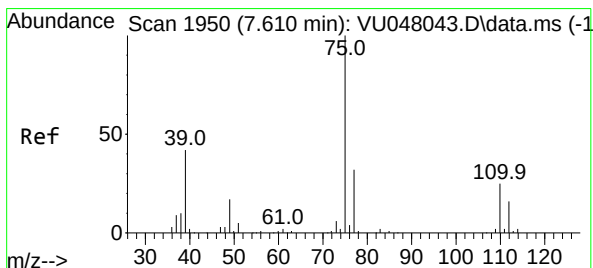
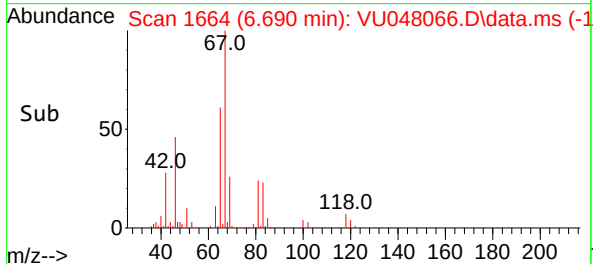
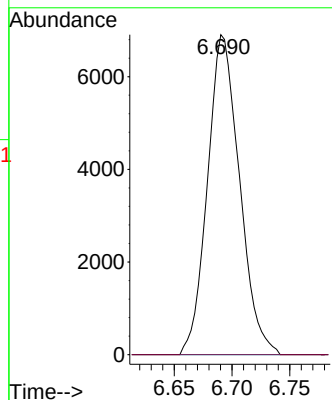
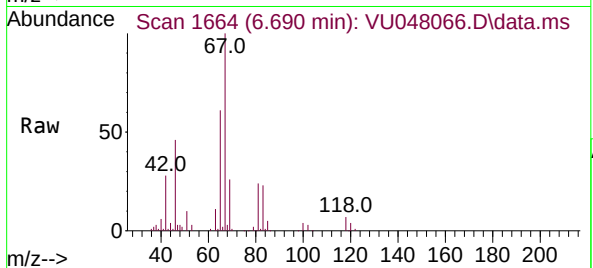
C0J76

Tgt Ion: 63 Resp: 13326

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.840 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048066.D

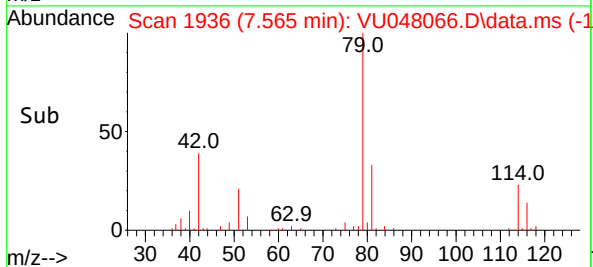
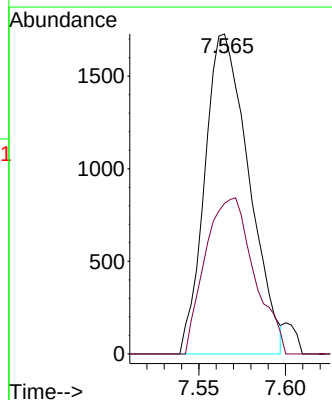
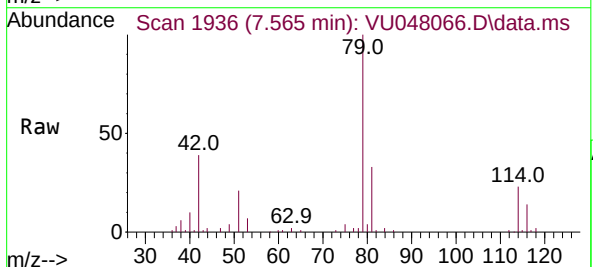
Acq: 14 Apr 2022 18:17

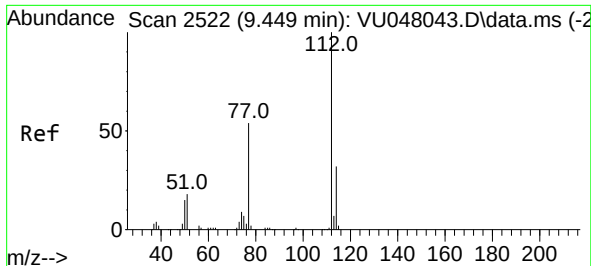
Tgt Ion: 75 Resp: 3063

Ion Ratio Lower Upper

75 100

77 47.0 21.8 40.6#

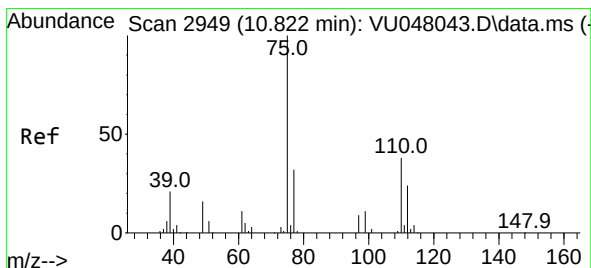
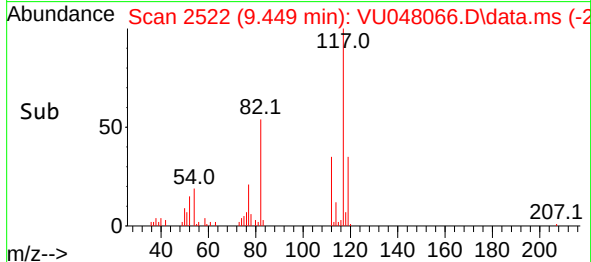
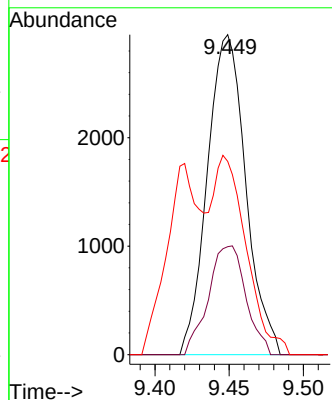
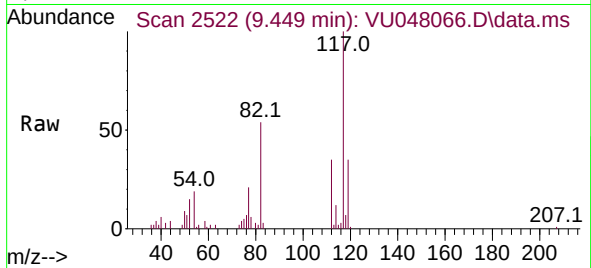




#51
Chlorobenzene
Concen: 0.771 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048066.D
Acq: 14 Apr 2022 18:17

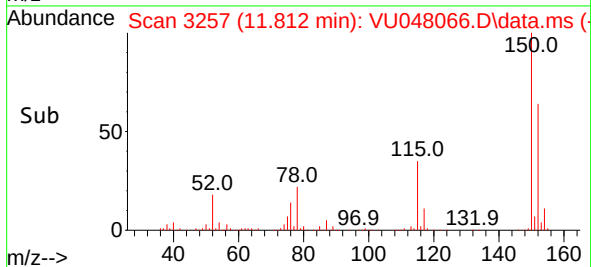
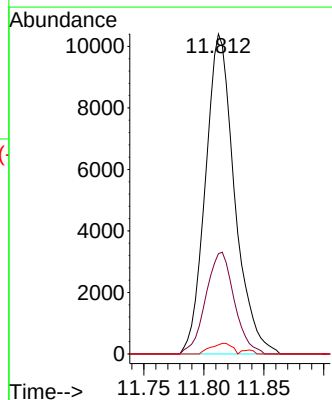
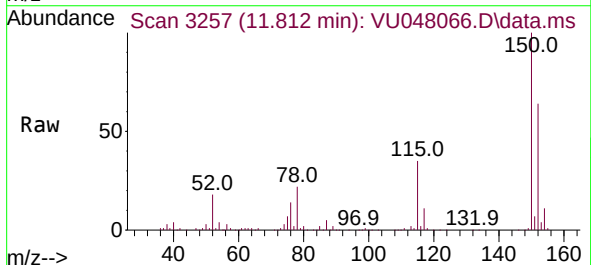
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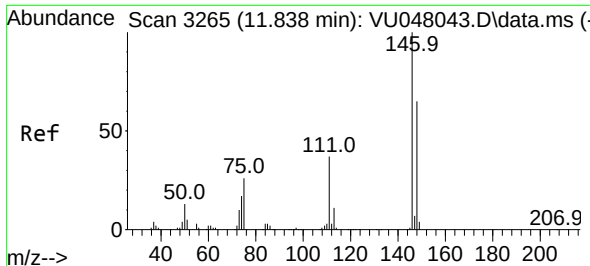
Tgt Ion:112 Resp: 5305
Ion Ratio Lower Upper
112 100
114 33.7 22.1 41.1
77 60.4 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 5.633 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU048066.D
Acq: 14 Apr 2022 18:17

Tgt Ion: 75 Resp: 17567
Ion Ratio Lower Upper
75 100
77 31.1 26.0 39.0
110 2.4 31.4 47.2#

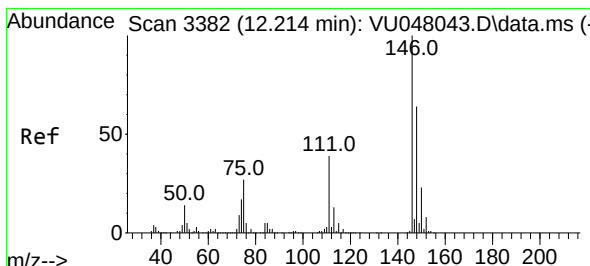
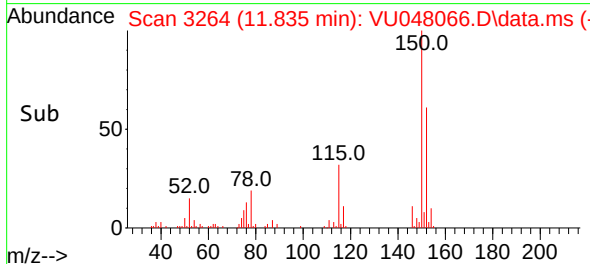
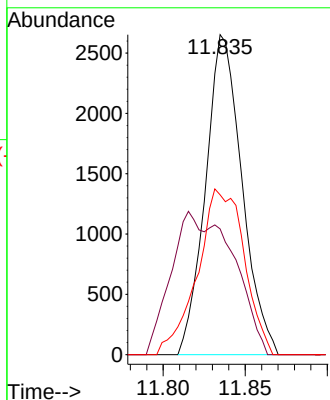
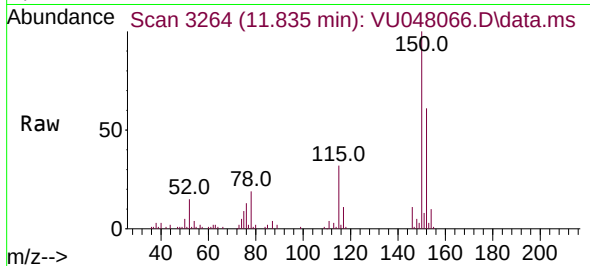




#65
1,4-Dichlorobenzene
Concen: 0.795 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048066.D
Acq: 14 Apr 2022 18:17

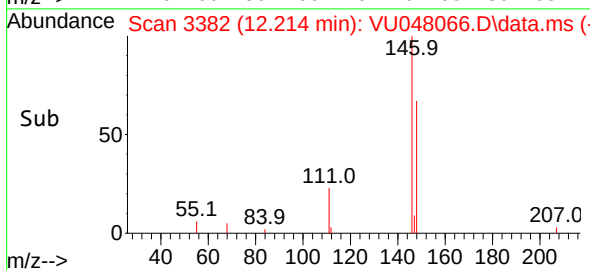
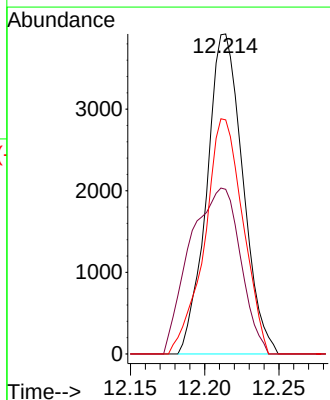
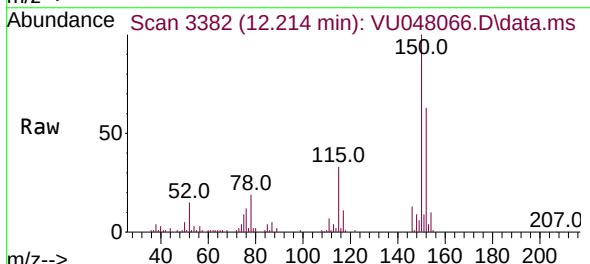
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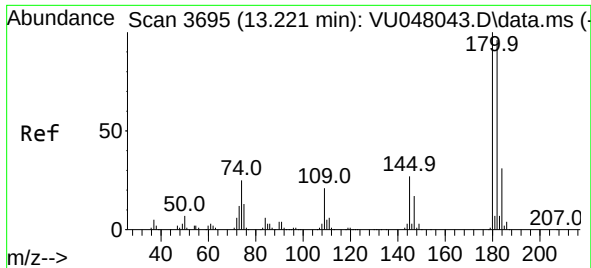
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	25.3	47.1
148	46.6	44.5	82.7



#67
1,2-Dichlorobenzene
Concen: 1.329 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048066.D
Acq: 14 Apr 2022 18:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	56.5	31.7	47.5#
148	73.1	51.4	77.2





#69

1,3,5-Trichlorobenzene

Concen: 0.903 ug/L

RT: 13.844 min Scan# 31

Delta R.T. 0.624 min

Lab File: VU048066.D

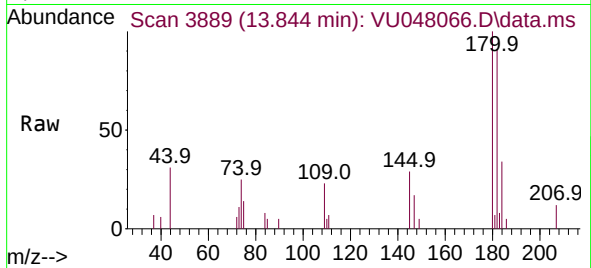
Acq: 14 Apr 2022 18:17

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion:180 Resp: 3643

Ion Ratio Lower Upper

180 100

182 98.7 77.0 115.6

184 30.7 24.5 36.7

145 27.8 21.0 31.6

