

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071922\
 Data File : VU049782.D
 Acq On : 19 Jul 2022 14:05
 Operator : SY/MD
 Sample : N3766-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COZD0

Quant Time: Jul 20 02:16:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 19 02:09:49 2022
 Response via : Initial Calibration

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

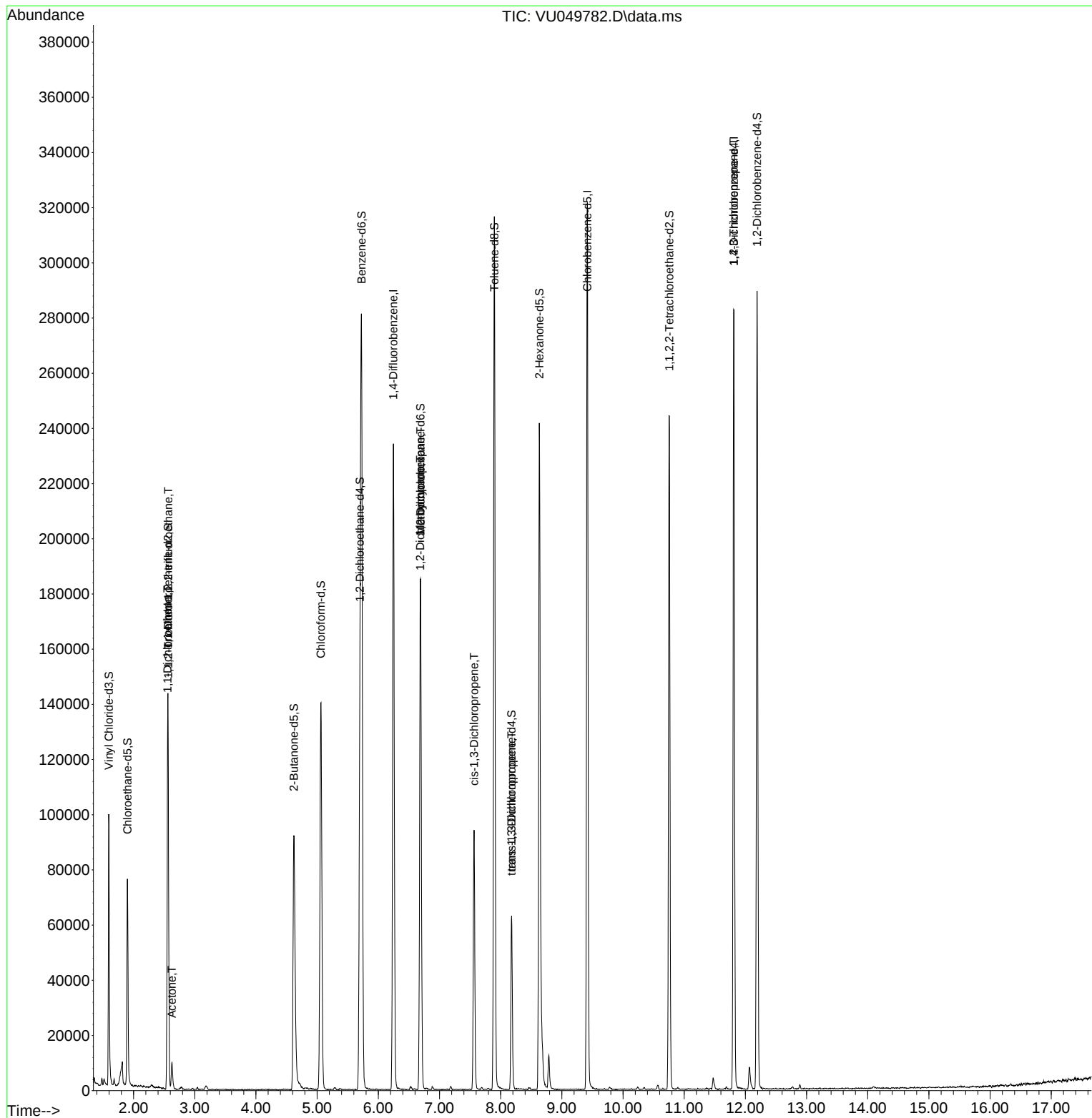
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	175657	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	167233	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	72180	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	69208	46.696	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.400%		
7) Chloroethane-d5	1.900	69	53505	49.943	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.880%		
11) 1,1-Dichloroethene-d2	2.562	63	87772	33.527	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.060%		
21) 2-Butanone-d5	4.620	46	136242	107.683	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.680%		
24) Chloroform-d	5.060	84	126982	48.374	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.740%		
26) 1,2-Dichloroethane-d4	5.700	65	91708	51.619	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.240%		
32) Benzene-d6	5.726	84	241160	47.468	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.940%		
36) 1,2-Dichloropropane-d6	6.687	67	87536	51.225	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.440%		
41) Toluene-d8	7.896	98	198608	44.890	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.780%		
43) trans-1,3-Dichloroprop...	8.179	79	33680	46.779	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.560%		
47) 2-Hexanone-d5	8.632	63	72140	93.848	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.850%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	119749	50.082	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.160%		
66) 1,2-Dichlorobenzene-d4	12.192	152	69777	51.272	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.540%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	771	0.570	ug/L #	20
12) 1,1-Dichloroethene	2.556	96	487	0.388	ug/L #	1
13) Acetone	2.626	43	10675	8.878	ug/L	98
35) Methylcyclohexane	6.687	83	19555	8.190	ug/L #	17
37) 1,2-Dichloropropane	6.684	63	10223	5.867	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2464	1.049	ug/L #	56
44) trans-1,3-Dichloropropene	8.176	75	1585	0.718	ug/L #	72
60) 1,2,3-Trichloropropane	11.809	75	9841	5.119	ug/L #	70

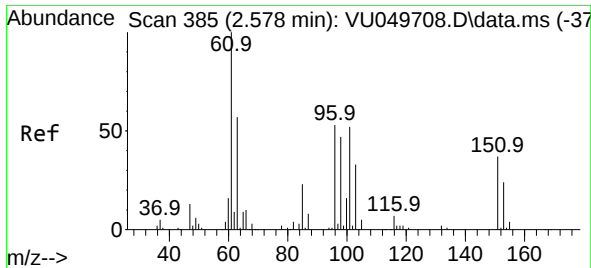
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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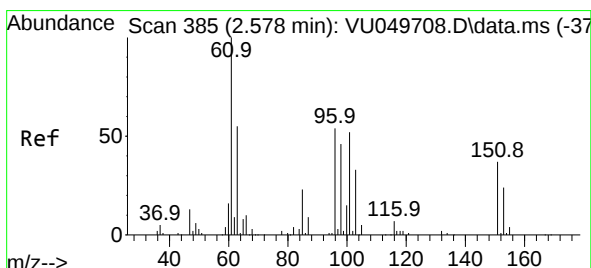
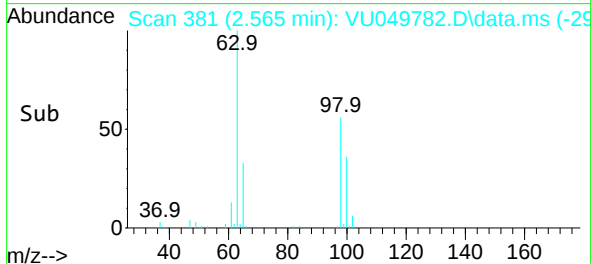
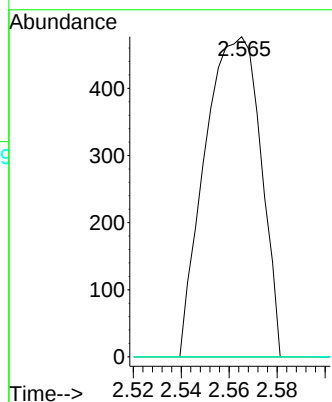
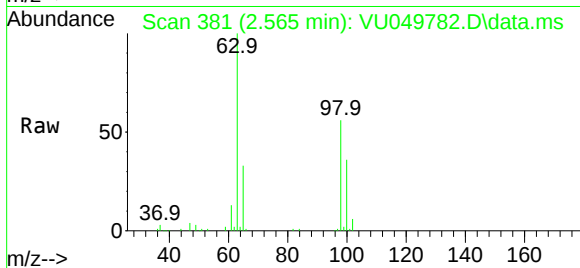




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.570 ug/L
 RT: 2.565 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VU049782.D
 Acq: 19 Jul 2022 14:05

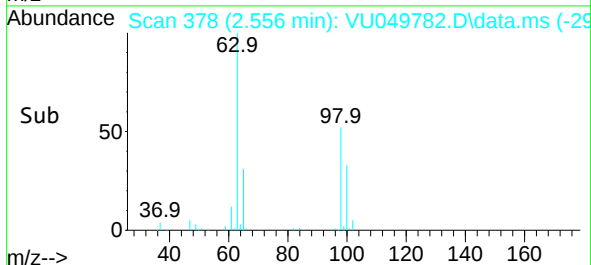
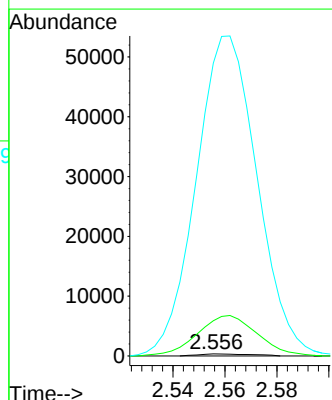
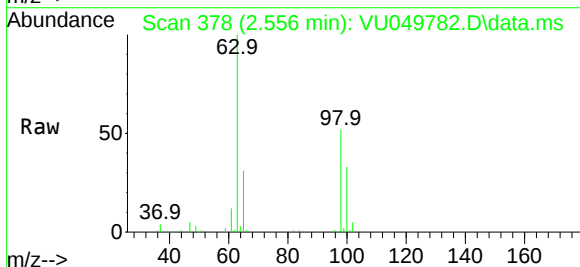
Instrument :
 MSVOA_U
 ClientSampleId :
 COZD0

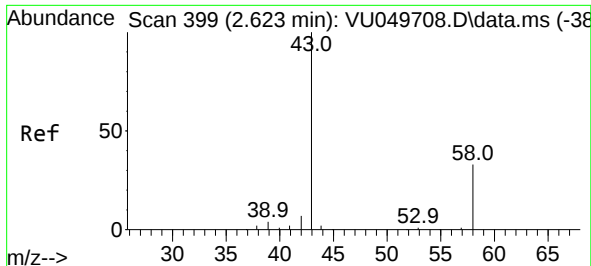
Tgt Ion:101 Resp: 771
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.388 ug/L
 RT: 2.556 min Scan# 378
 Delta R.T. -0.019 min
 Lab File: VU049782.D
 Acq: 19 Jul 2022 14:05

Tgt Ion: 96 Resp: 487
 Ion Ratio Lower Upper
 96 100
 61 1728.8 129.6 240.6#
 63 14402.4 79.0 146.6#





#13

Acetone

Concen: 8.878 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.000 min

Lab File: VU049782.D

Acq: 19 Jul 2022 14:05

Instrument :

MSVOA_U

ClientSampleId :

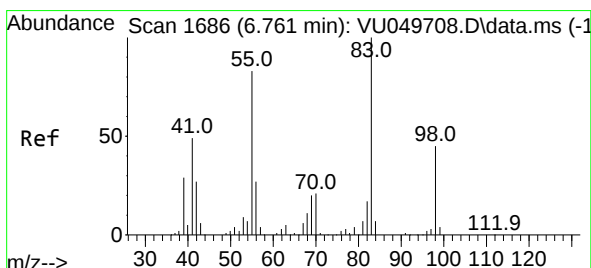
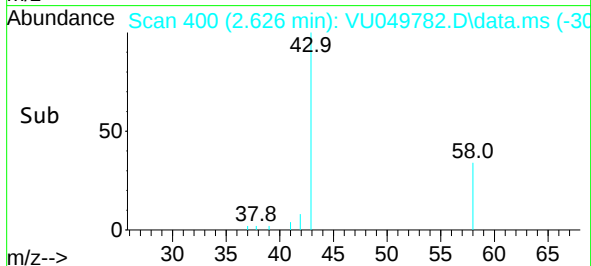
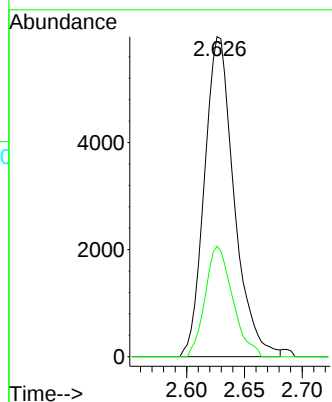
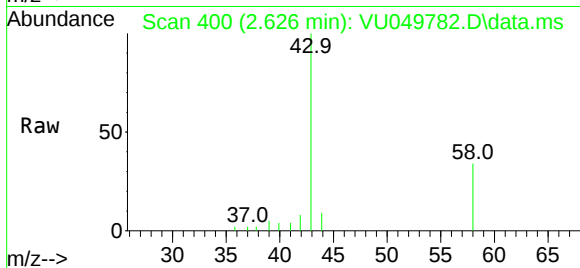
COZD0

Tgt Ion: 43 Resp: 10675

Ion Ratio Lower Upper

43 100

58 31.9 0.0 61.4



#35

Methylcyclohexane

Concen: 8.190 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU049782.D

Acq: 19 Jul 2022 14:05

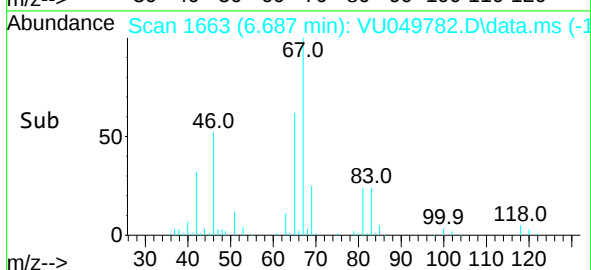
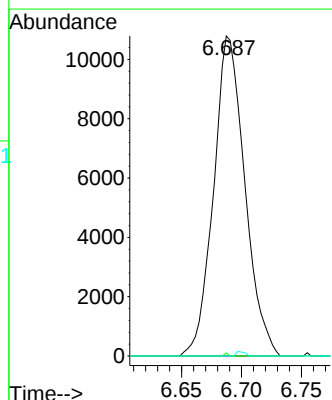
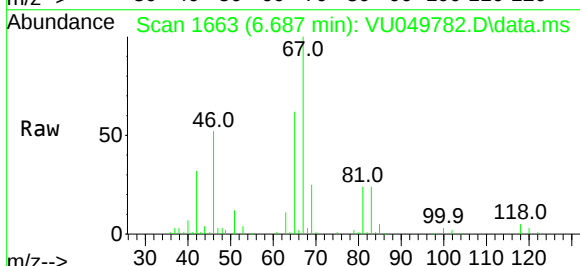
Tgt Ion: 83 Resp: 19555

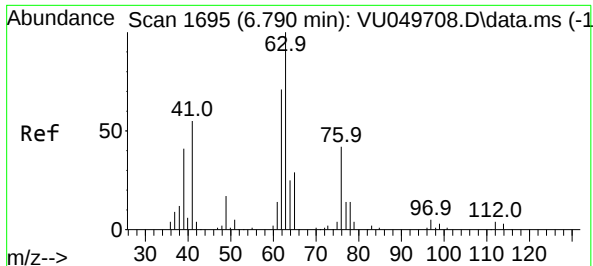
Ion Ratio Lower Upper

83 100

55 0.0 66.0 99.0#

98 0.4 34.6 51.8#





#37

1,2-Dichloropropane

Concen: 5.867 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.106 min

Lab File: VU049782.D

Acq: 19 Jul 2022 14:05

Instrument :

MSVOA_U

ClientSampleId :

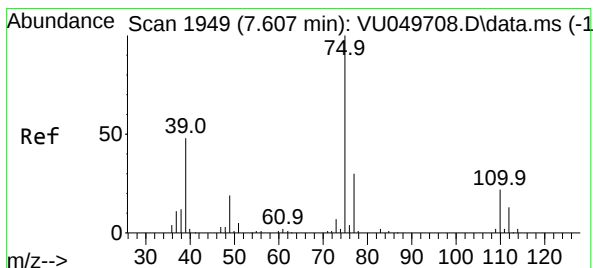
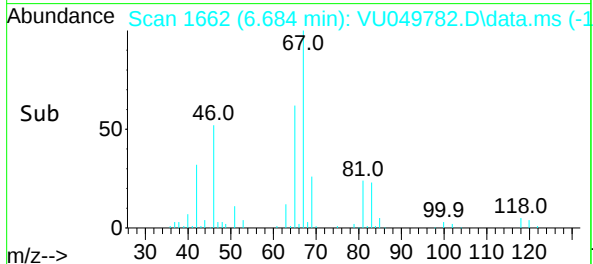
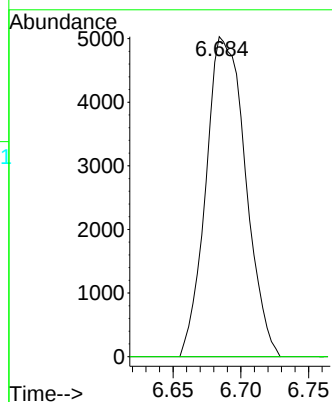
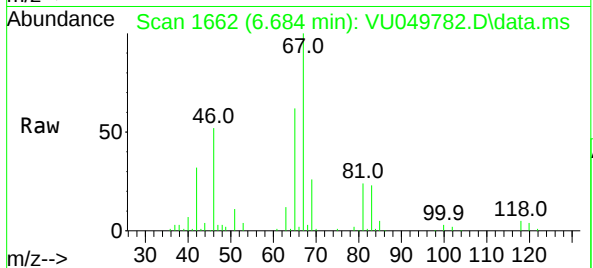
COZD0

Tgt Ion: 63 Resp: 10223

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.049 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049782.D

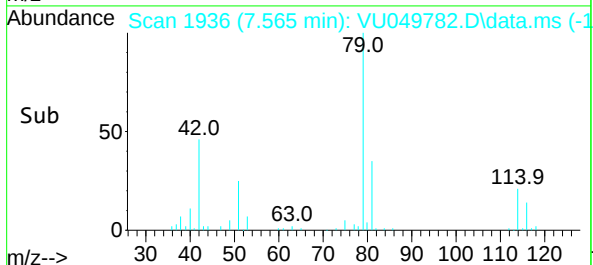
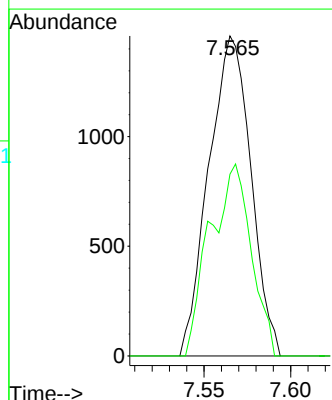
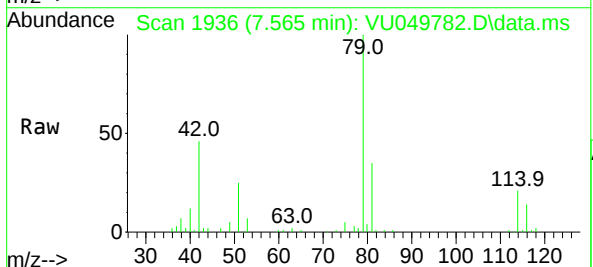
Acq: 19 Jul 2022 14:05

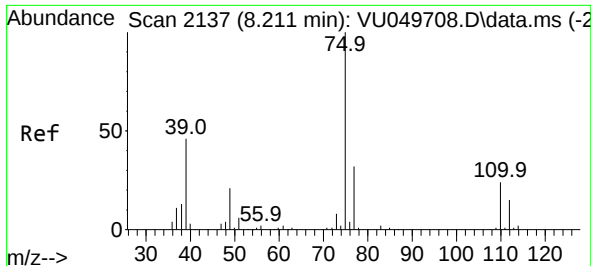
Tgt Ion: 75 Resp: 2464

Ion Ratio Lower Upper

75 100

77 56.8 22.6 42.0#

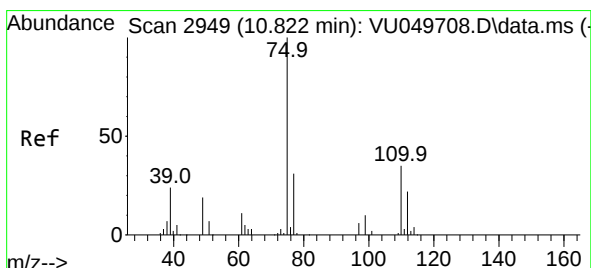
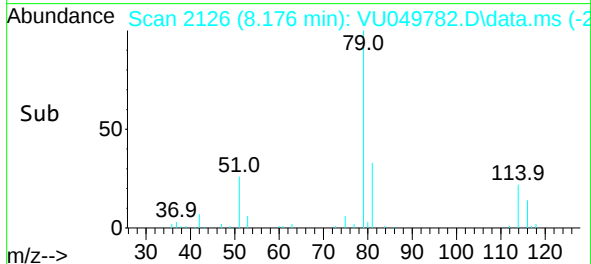
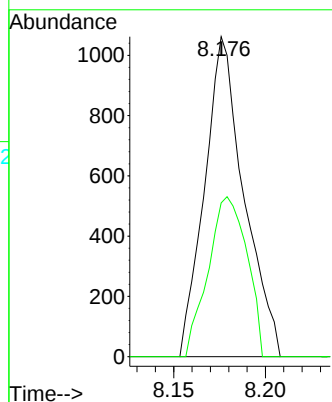
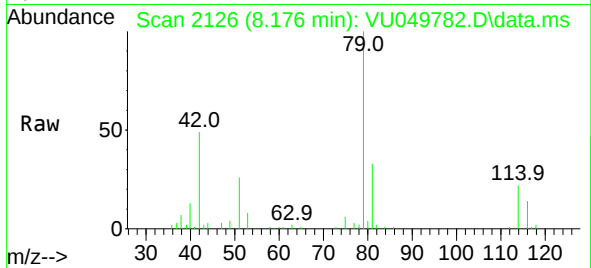




#44
trans-1,3-Dichloropropene
Concen: 0.718 ug/L
RT: 8.176 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU049782.D
Acq: 19 Jul 2022 14:05

Instrument :
MSVOA_U
ClientSampleId :
COZD0

Tgt Ion: 75 Resp: 1585
Ion Ratio Lower Upper
75 100
77 48.0 22.5 41.9#



#60
1,2,3-Trichloropropane
Concen: 5.119 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU049782.D
Acq: 19 Jul 2022 14:05

Tgt Ion: 75 Resp: 9841
Ion Ratio Lower Upper
75 100
77 33.6 25.5 38.3
110 4.4 28.9 43.3#

