

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071922\
 Data File : VU049787.D
 Acq On : 19 Jul 2022 16:04
 Operator : SY/MD
 Sample : N3738-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 20 02:17:55 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)

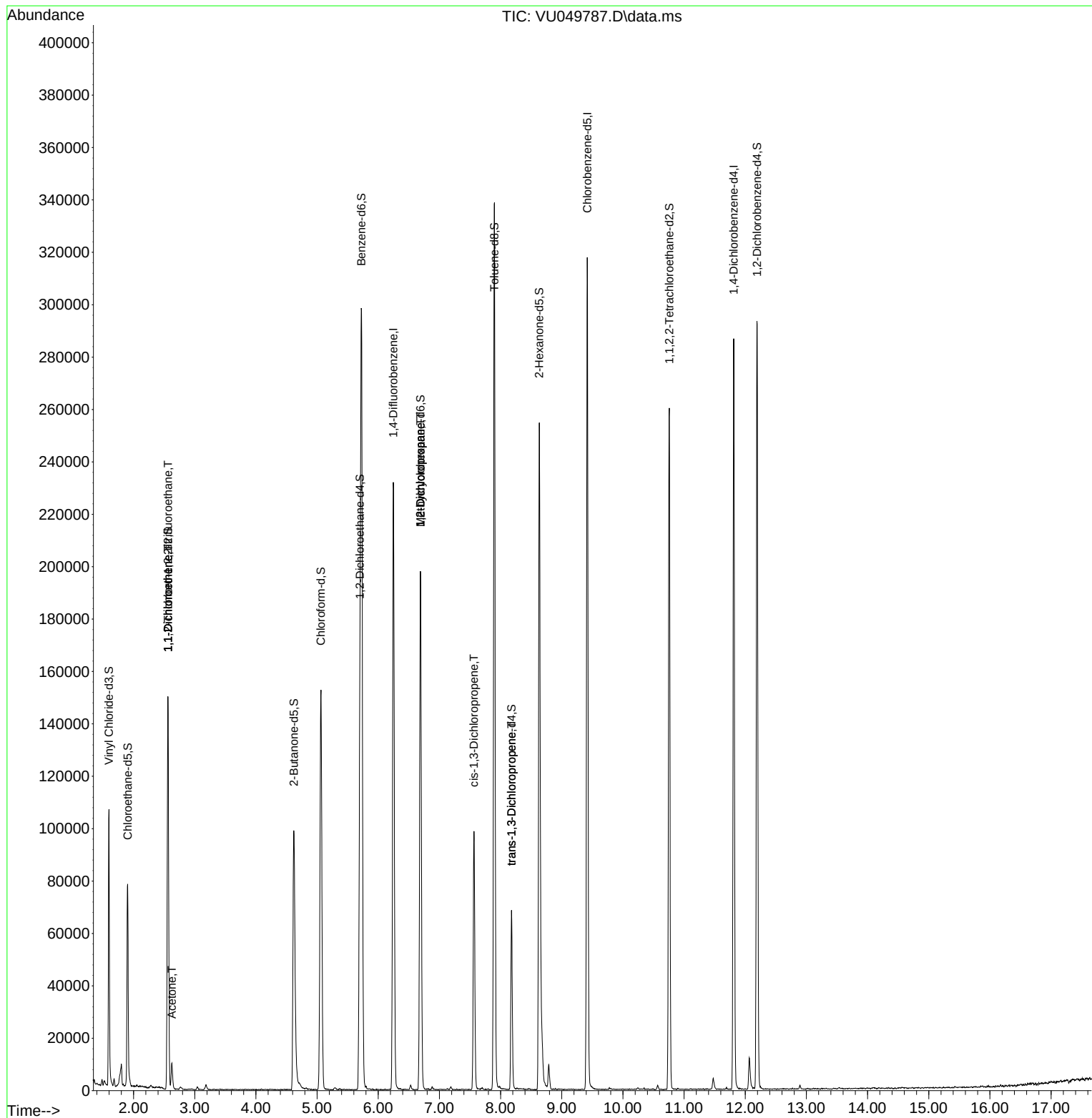
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	175156	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	166630	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	69222	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74551	50.445	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.880%			
7) Chloroethane-d5	1.903	69	57792	54.099	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.200%			
11) 1,1-Dichloroethene-d2	2.562	63	91876	35.195	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.400%			
21) 2-Butanone-d5	4.620	46	149574	118.558	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.560%			
24) Chloroform-d	5.063	84	138054	52.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.480%			
26) 1,2-Dichloroethane-d4	5.700	65	98503	55.603	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.200%			
32) Benzene-d6	5.726	84	260744	51.508	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.020%			
36) 1,2-Dichloropropane-d6	6.690	67	94034	55.227	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.460%			
41) Toluene-d8	7.899	98	213559	48.444	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.880%			
43) trans-1,3-Dichloroprop...	8.179	79	36796	51.292	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.580%			
47) 2-Hexanone-d5	8.632	63	77026	100.567	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.570%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	126774	53.212	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.420%			
66) 1,2-Dichlorobenzene-d4	12.192	152	71455	54.749	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.500%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	628	0.465	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	551	0.440	ug/L #	1
13) Acetone	2.626	43	10711	8.933	ug/L	97
35) Methylcyclohexane	6.690	83	20306	8.535	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	10262	5.911	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2794	1.193	ug/L #	71
44) trans-1,3-Dichloropropene	8.179	75	1829	0.832	ug/L	85

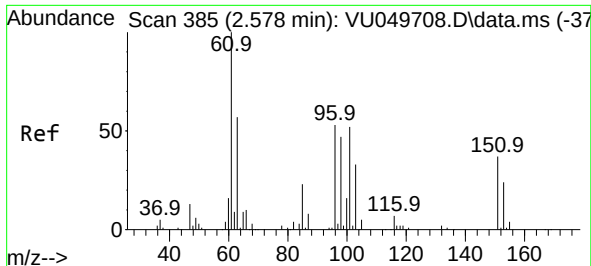
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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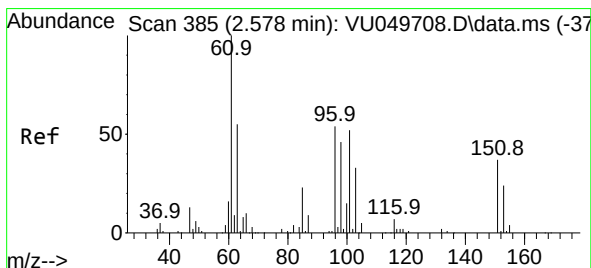
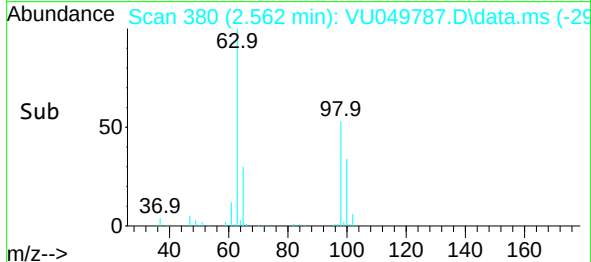
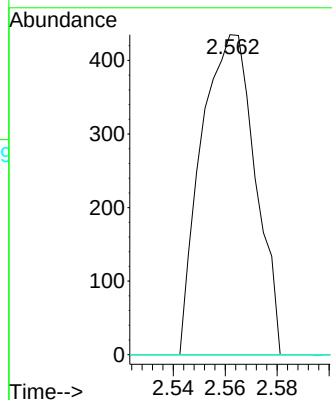
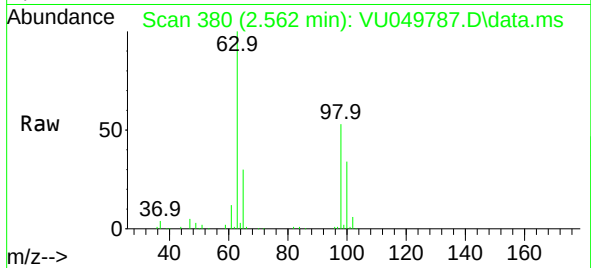




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.465 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.013 min
 Lab File: VU049787.D
 Acq: 19 Jul 2022 16:04

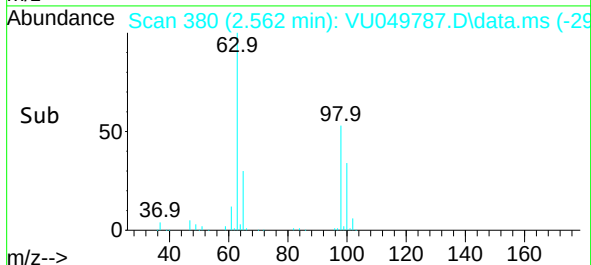
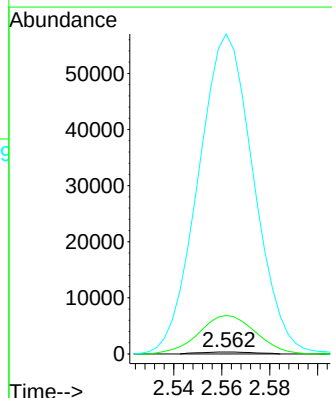
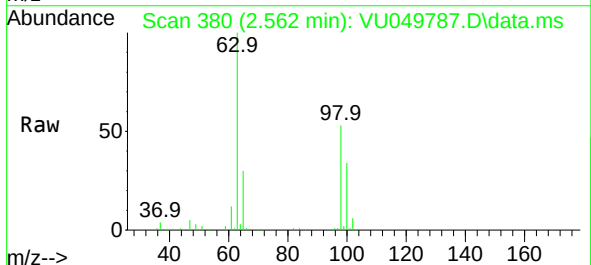
Instrument :
 MSVOA_U
 ClientSampleId :

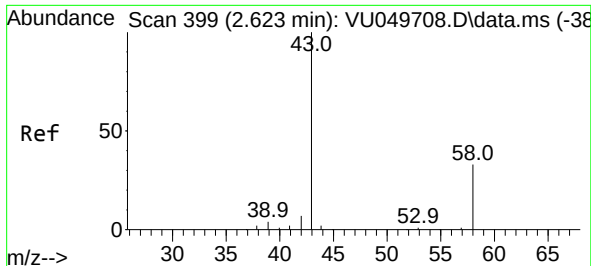
Tgt Ion:101 Resp: 628
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.440 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.013 min
 Lab File: VU049787.D
 Acq: 19 Jul 2022 16:04

Tgt Ion: 96 Resp: 551
 Ion Ratio Lower Upper
 96 100
 61 1946.5 129.6 240.6#
 63 16156.4 79.0 146.6#





#13

Acetone

Concen: 8.933 ug/L

RT: 2.626 min Scan# 40

Delta R.T. -0.000 min

Lab File: VU049787.D

Acq: 19 Jul 2022 16:04

Instrument :

MSVOA_U

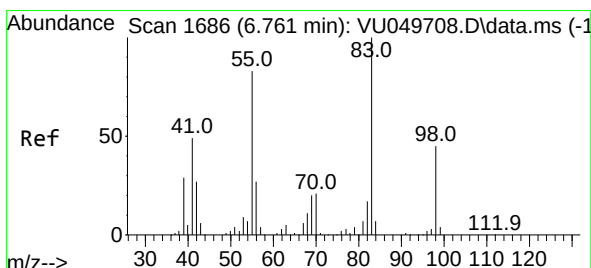
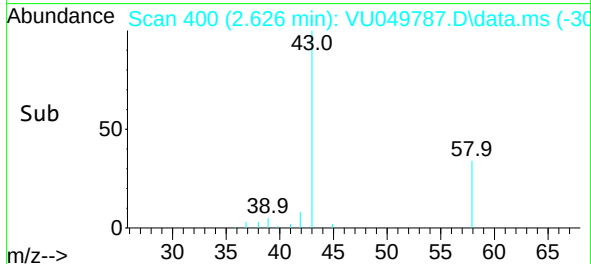
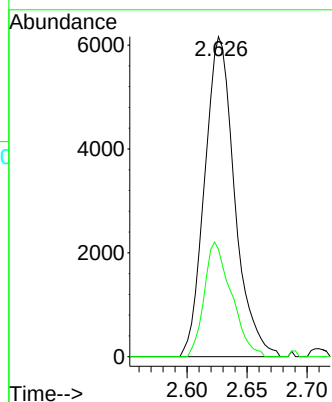
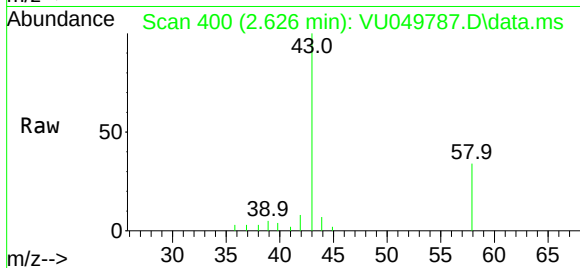
ClientSampleId :

Tgt Ion: 43 Resp: 10711

Ion Ratio Lower Upper

43 100

58 32.5 0.0 61.4



#35

Methylcyclohexane

Concen: 8.535 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU049787.D

Acq: 19 Jul 2022 16:04

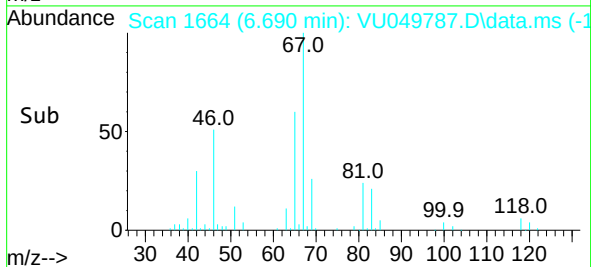
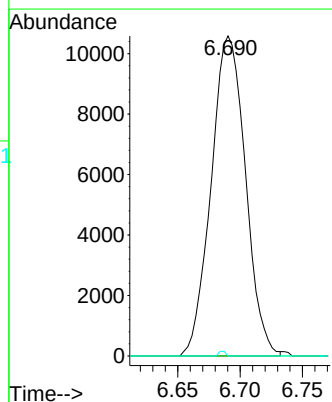
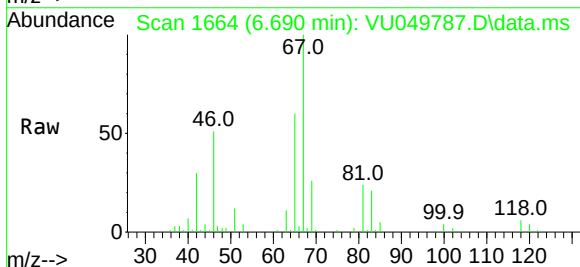
Tgt Ion: 83 Resp: 20306

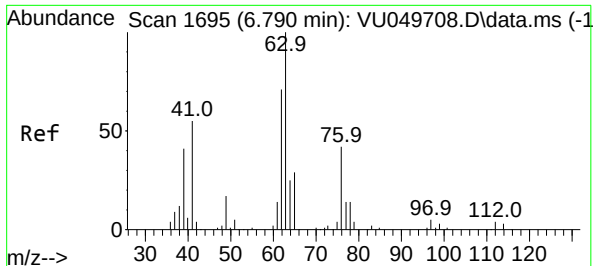
Ion Ratio Lower Upper

83 100

55 0.3 66.0 99.0#

98 0.3 34.6 51.8#





#37

1,2-Dichloropropane

Concen: 5.911 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049787.D

Acq: 19 Jul 2022 16:04

Instrument :

MSVOA_U

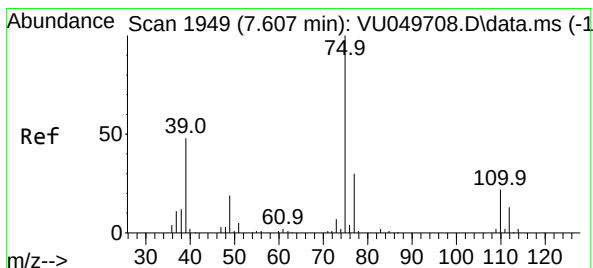
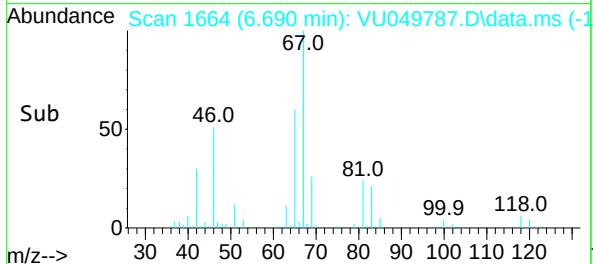
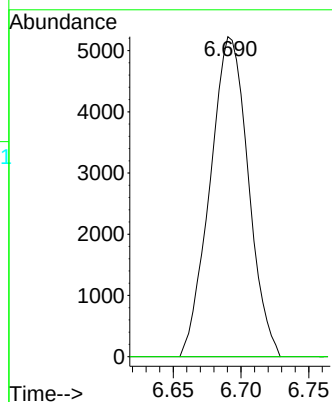
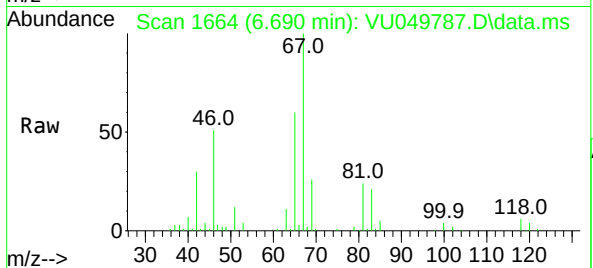
ClientSampleId :

Tgt Ion: 63 Resp: 10262

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.193 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049787.D

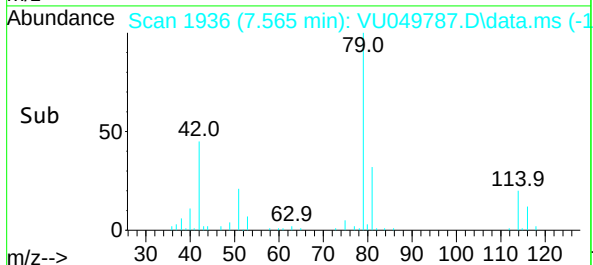
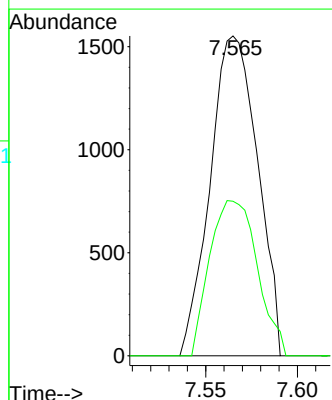
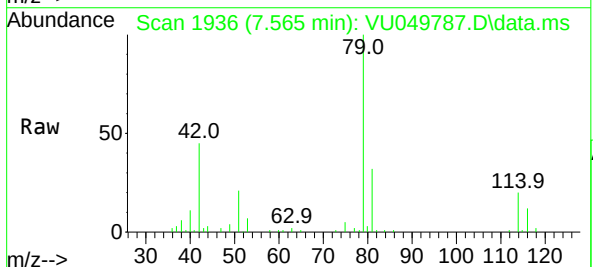
Acq: 19 Jul 2022 16:04

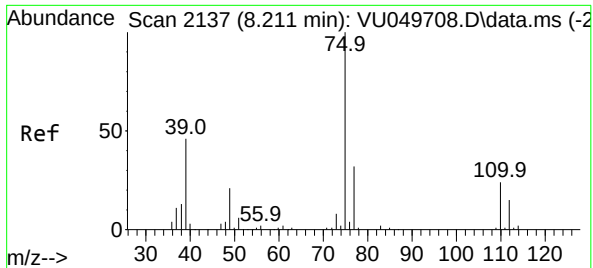
Tgt Ion: 75 Resp: 2794

Ion Ratio Lower Upper

75 100

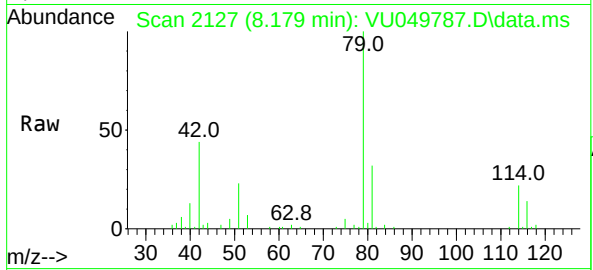
77 48.3 22.6 42.0#





#44
 trans-1,3-Dichloropropene
 Concen: 0.832 ug/L
 RT: 8.179 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: VU049787.D
 Acq: 19 Jul 2022 16:04

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	1829
Ion Ratio	Lower	Upper	
75	100		
77	40.7	22.5	41.9

