

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071222\
 Data File : VU049692.D
 Acq On : 12 Jul 2022 14:08
 Operator : SY/MD
 Sample : N3679-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D21

Quant Time: Jul 13 06:53:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 13 06:51:38 2022
 Response via : Initial Calibration

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

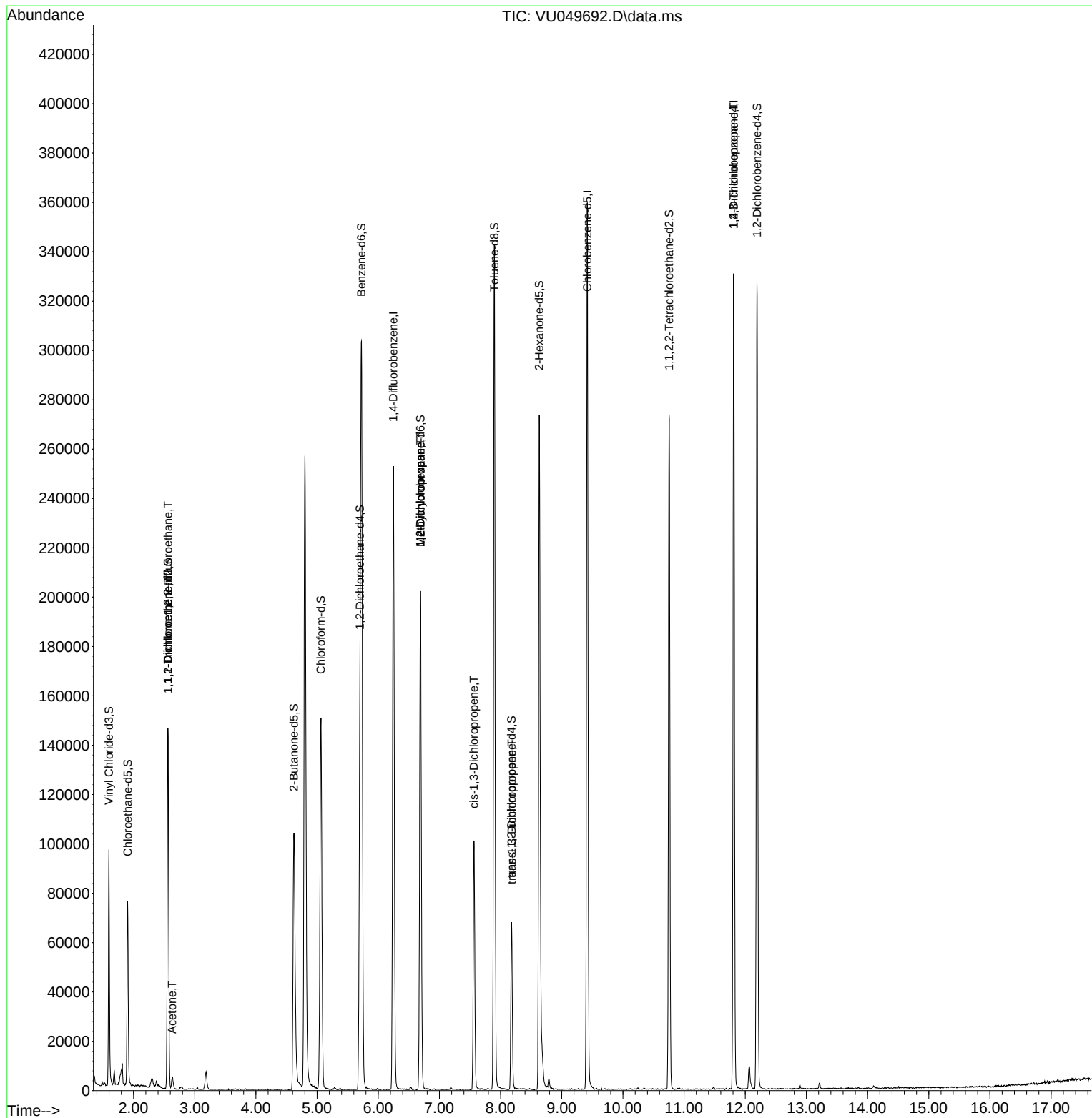
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	194486	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	184751	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81300	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68294	41.618	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.240%		
7) Chloroethane-d5	1.903	69	52501	44.262	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.520%		
11) 1,1-Dichloroethene-d2	2.562	63	90165	31.107	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.220%		
21) 2-Butanone-d5	4.620	46	150439	107.392	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.390%		
24) Chloroform-d	5.063	84	136159	46.848	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.700%		
26) 1,2-Dichloroethane-d4	5.700	65	99444	50.555	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.100%		
32) Benzene-d6	5.726	84	264089	47.052	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.100%		
36) 1,2-Dichloropropane-d6	6.690	67	94283	49.942	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.880%		
41) Toluene-d8	7.899	98	219629	44.934	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.860%		
43) trans-1,3-Dichloroprop...	8.179	79	37540	47.196	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.400%		
47) 2-Hexanone-d5	8.632	63	87904	103.512	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.510%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	132058	49.993	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.980%		
66) 1,2-Dichlorobenzene-d4	12.192	152	80449	52.483	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.960%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	741	0.495	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	470	0.338	ug/L #	1
13) Acetone	2.629	43	3957	2.972	ug/L	93
35) Methylcyclohexane	6.690	83	21052	7.981	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	10801	5.611	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	2872	1.106	ug/L #	79
44) trans-1,3-Dichloropropene	8.182	75	1717	0.704	ug/L	85
60) 1,2,3-Trichloropropane	11.812	75	12256	5.660	ug/L #	67

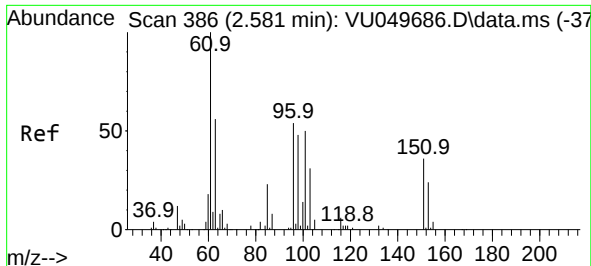
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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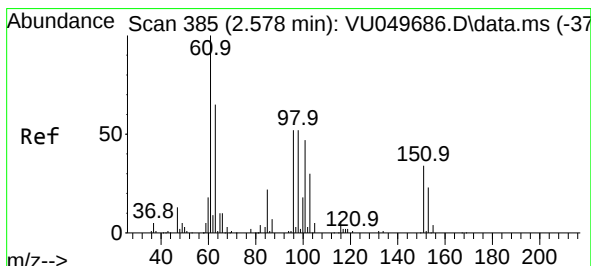
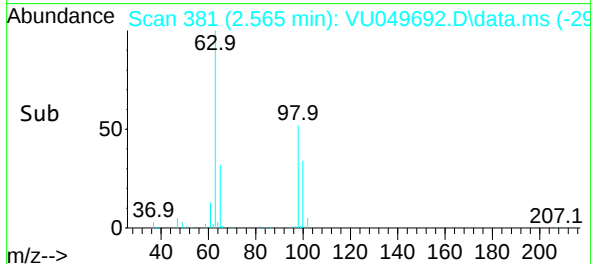
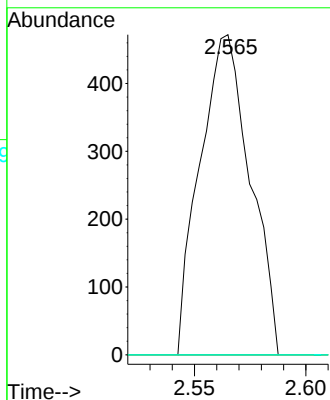
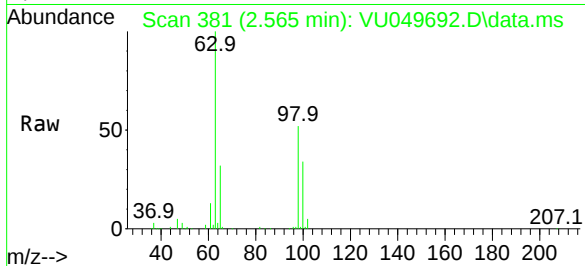




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.495 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU049692.D
Acq: 12 Jul 2022 14:08

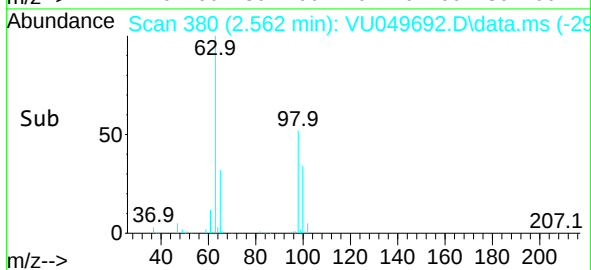
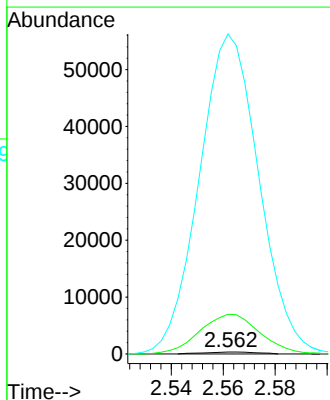
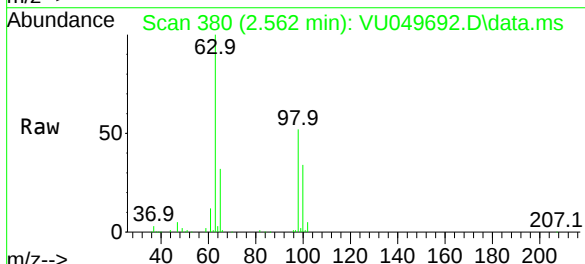
Instrument :
MSVOA_U
ClientSampleId :
F5D21

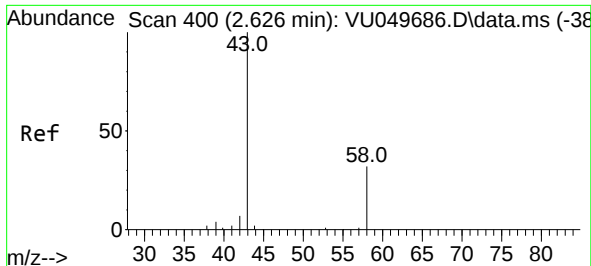
Tgt Ion:101 Resp: 741
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#12
1,1-Dichloroethene
Concen: 0.338 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU049692.D
Acq: 12 Jul 2022 14:08

Tgt Ion: 96 Resp: 470
Ion Ratio Lower Upper
96 100
61 2127.1 129.6 240.6#
63 17153.7 79.0 146.6#





#13

Acetone

Concen: 2.972 ug/L

RT: 2.629 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU049692.D

Acq: 12 Jul 2022 14:08

Instrument :

MSVOA_U

ClientSampleId :

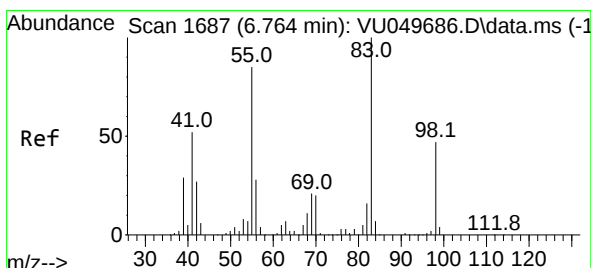
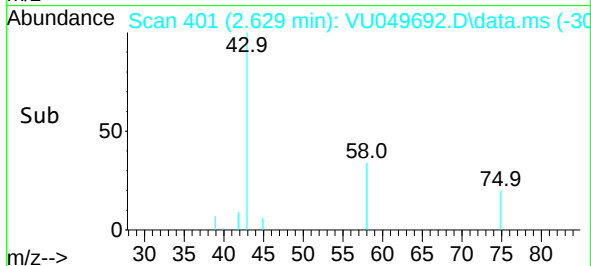
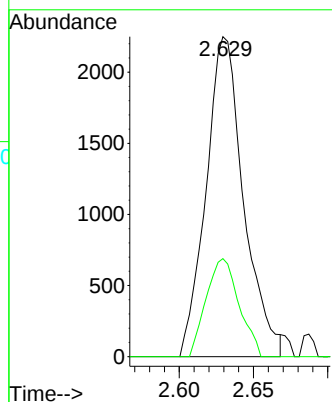
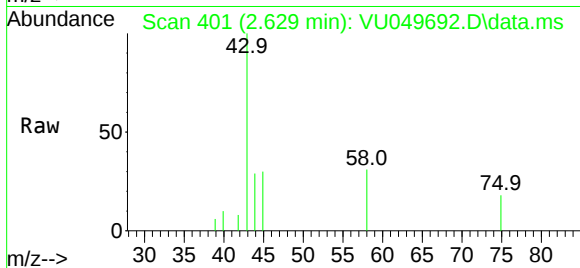
F5D21

Tgt Ion: 43 Resp: 3957

Ion Ratio Lower Upper

43 100

58 26.7 0.0 61.4



#35

Methylcyclohexane

Concen: 7.981 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU049692.D

Acq: 12 Jul 2022 14:08

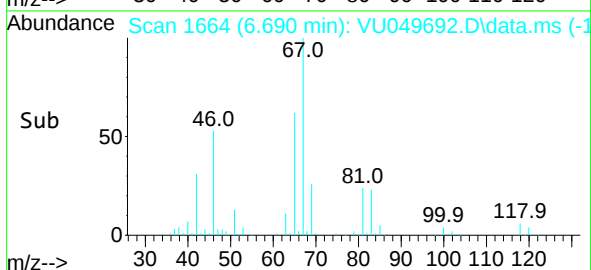
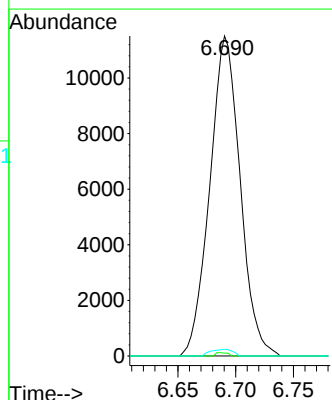
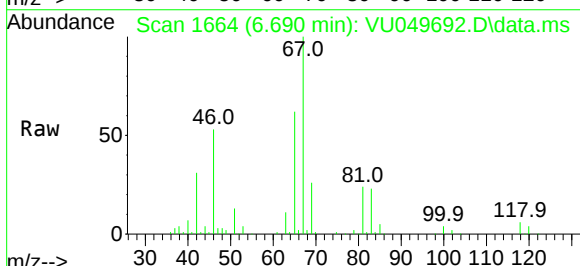
Tgt Ion: 83 Resp: 21052

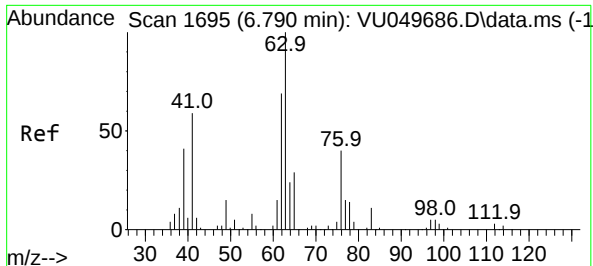
Ion Ratio Lower Upper

83 100

55 0.4 66.0 99.0#

98 1.5 34.6 51.8#





#37

1,2-Dichloropropane

Concen: 5.611 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049692.D

Acq: 12 Jul 2022 14:08

Instrument :

MSVOA_U

ClientSampleId :

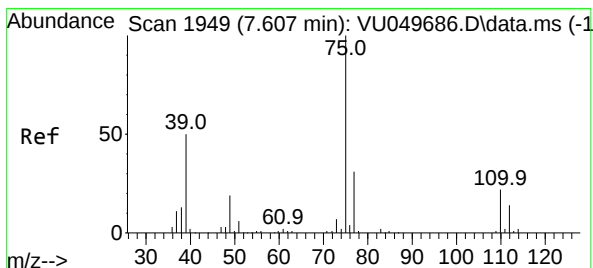
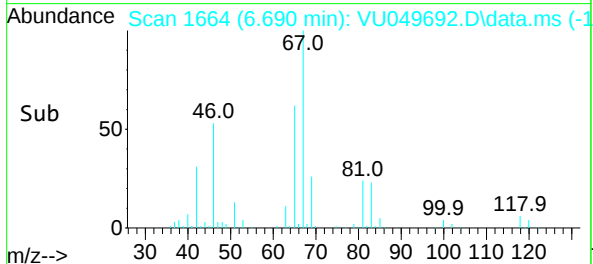
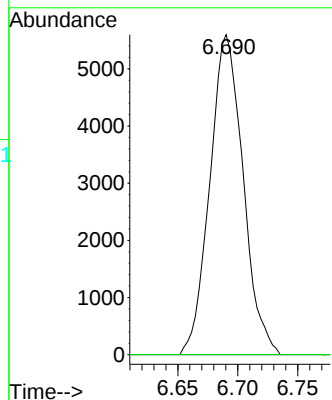
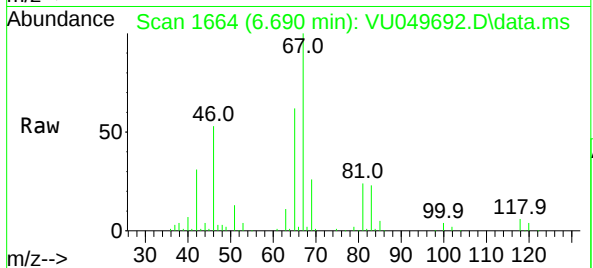
F5D21

Tgt Ion: 63 Resp: 10801

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.106 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.045 min

Lab File: VU049692.D

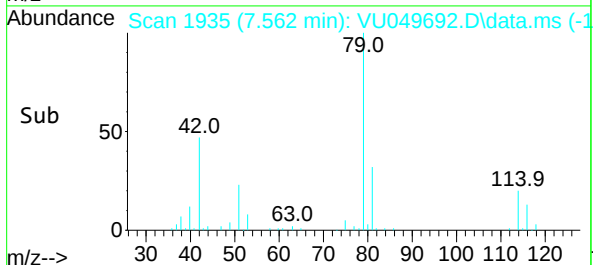
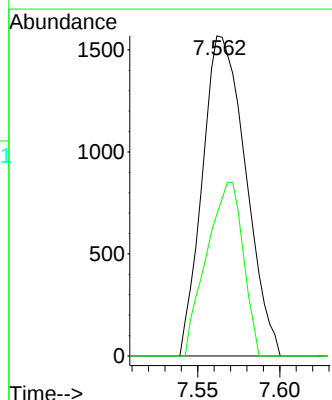
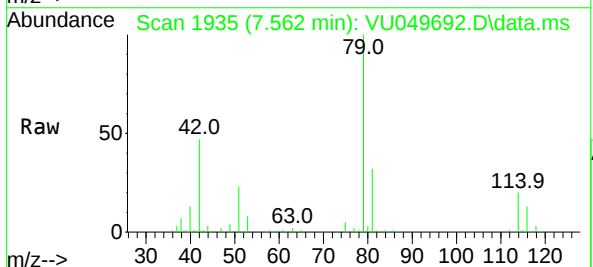
Acq: 12 Jul 2022 14:08

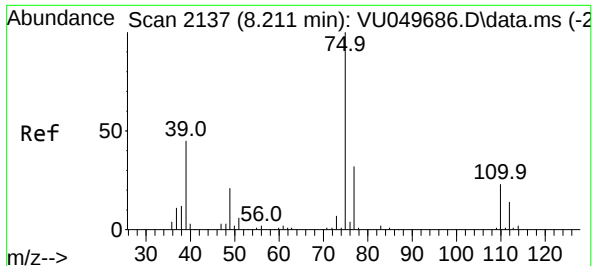
Tgt Ion: 75 Resp: 2872

Ion Ratio Lower Upper

75 100

77 44.3 22.6 42.0#

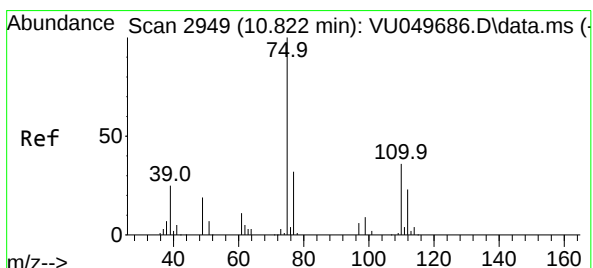
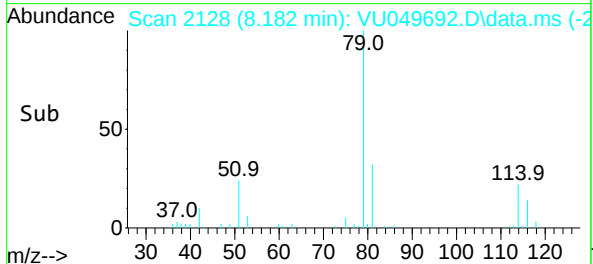
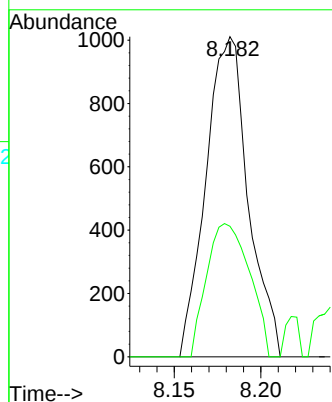
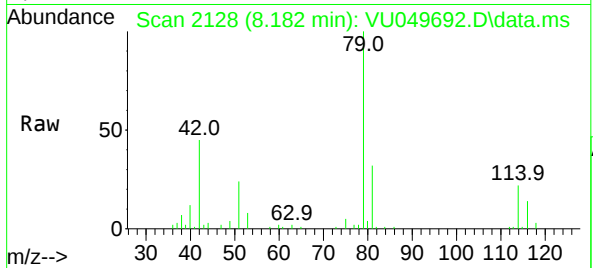




#44
trans-1,3-Dichloropropene
Concen: 0.704 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU049692.D
Acq: 12 Jul 2022 14:08

Instrument :
MSVOA_U
ClientSampleId :
F5D21

Tgt Ion: 75 Resp: 1717
Ion Ratio Lower Upper
75 100
77 40.8 22.5 41.9



#60
1,2,3-Trichloropropane
Concen: 5.660 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049692.D
Acq: 12 Jul 2022 14:08

Tgt Ion: 75 Resp: 12256
Ion Ratio Lower Upper
75 100
77 28.0 25.5 38.3
110 3.0 28.9 43.3#

