

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071822\New folder\
 Data File : VU049757.D
 Acq On : 18 Jul 2022 13:40
 Operator : SY/MD
 Sample : N3748-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 18 17:57:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

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

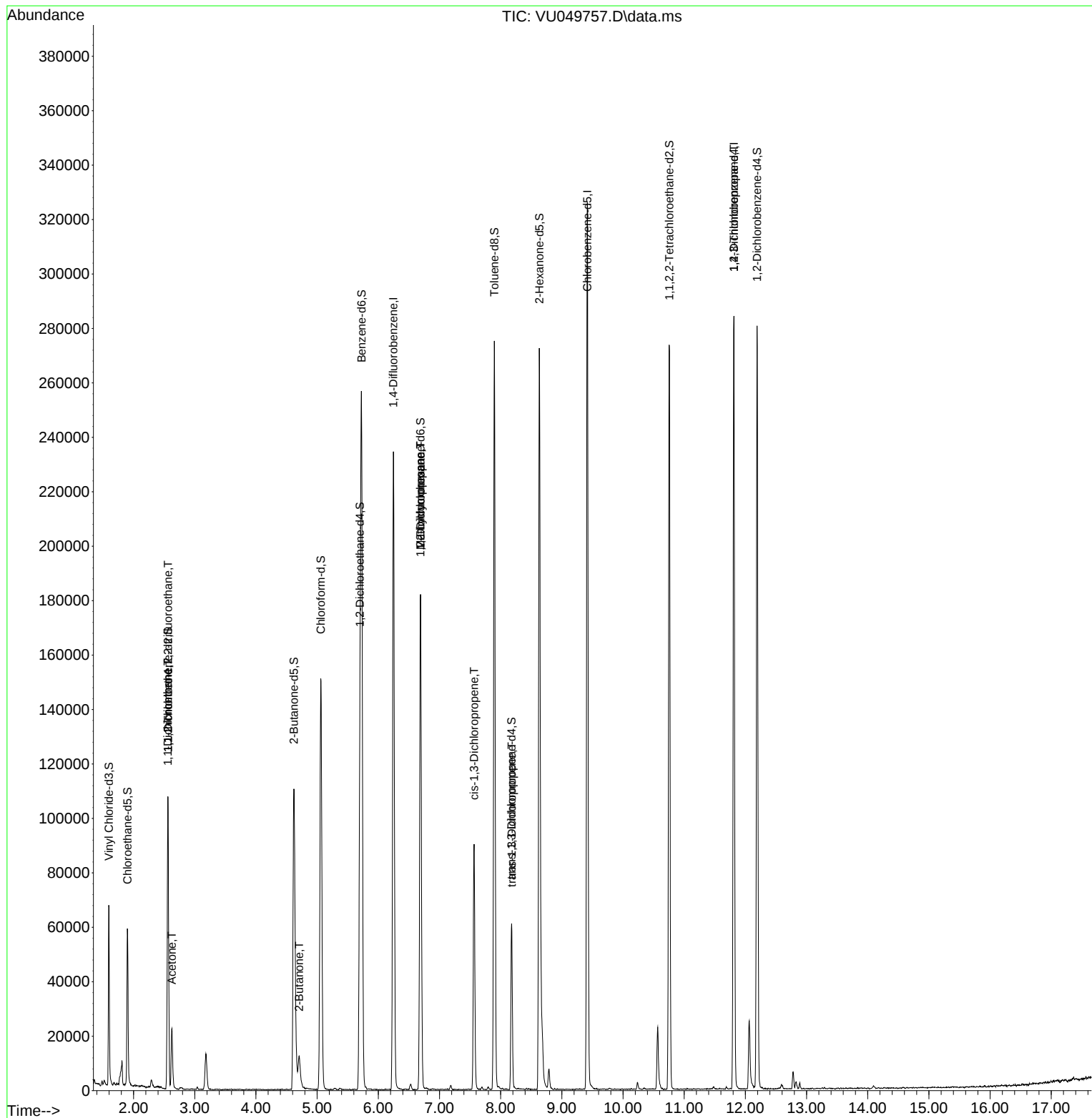
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	178055	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	164894	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71109	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	46710	31.092	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 62.180%			
7) Chloroethane-d5	1.899	69	41006	37.761	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.520%			
11) 1,1-Dichloroethene-d2	2.562	63	65011	24.498	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 49.000%#			
21) 2-Butanone-d5	4.620	46	158537	123.617	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 123.620%			
24) Chloroform-d	5.060	84	125625	47.212	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.420%			
26) 1,2-Dichloroethane-d4	5.700	65	90034	49.995	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.980%			
32) Benzene-d6	5.726	84	218735	43.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.320%			
36) 1,2-Dichloropropane-d6	6.690	67	85293	50.620	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.240%			
41) Toluene-d8	7.896	98	175042	40.125	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.240%			
43) trans-1,3-Dichloroprop...	8.179	79	32954	46.420	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.840%			
47) 2-Hexanone-d5	8.632	63	84184	111.070	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.070%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	134208	56.925	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 113.860%			
66) 1,2-Dichlorobenzene-d4	12.192	152	69249	51.651	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.300%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	489	0.356	ug/L #	20
12) 1,1-Dichloroethene	2.559	96	510	0.401	ug/L #	1
13) Acetone	2.626	43	24334	19.965	ug/L	96
22) 2-Butanone	4.706	43	16317	9.999	ug/L	97
35) Methylcyclohexane	6.690	83	18083	7.681	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	9368	5.453	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2129	0.919	ug/L #	63
44) trans-1,3-Dichloropropene	8.182	75	1569	0.721	ug/L #	80
60) 1,2,3-Trichloropropane	11.812	75	9692	5.117	ug/L #	66

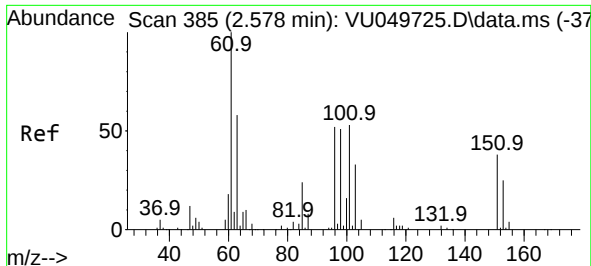
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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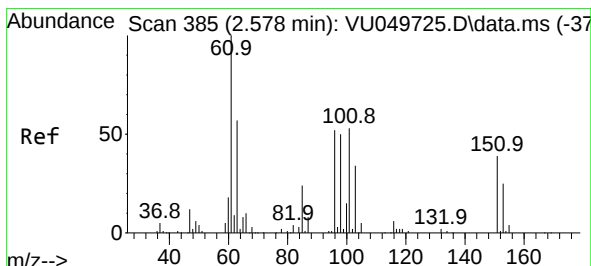
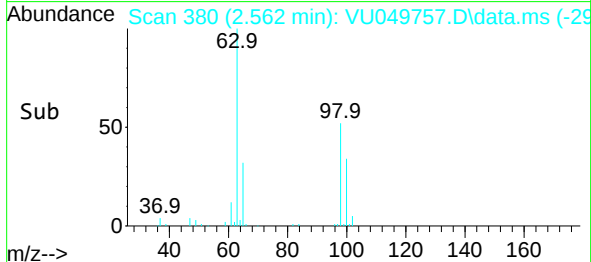
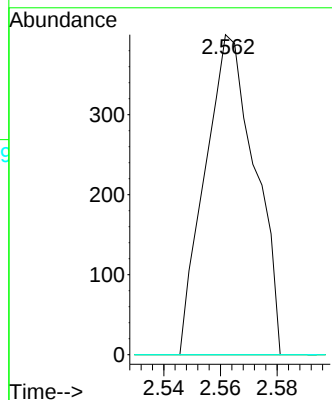
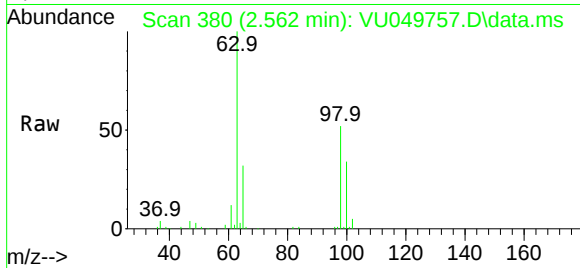




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.356 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU049757.D
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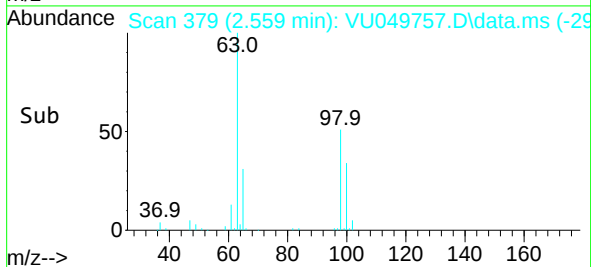
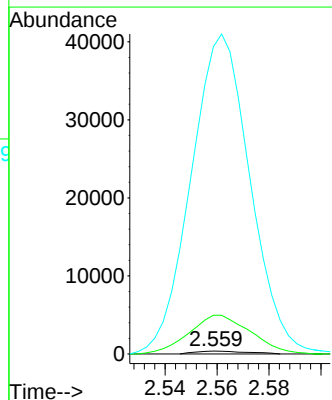
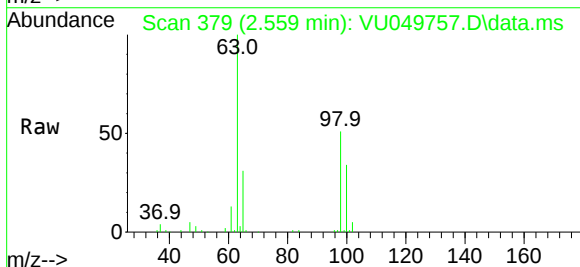
Instrument :
MSVOA_U
ClientSampleId :

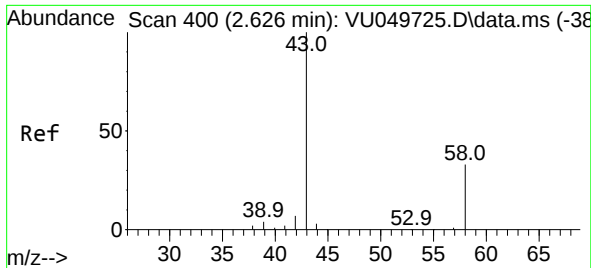
Tgt Ion:101 Resp: 489
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#12
1,1-Dichloroethene
Concen: 0.401 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.019 min
Lab File: VU049757.D
Acq: 18 Jul 2022 13:40

Tgt Ion: 96 Resp: 510
Ion Ratio Lower Upper
96 100
61 1377.6 129.6 240.6#
63 10898.6 79.0 146.6#





#13

Acetone

Concen: 19.965 ug/L

RT: 2.626 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU049757.D

Acq: 18 Jul 2022 13:40

Instrument :

MSVOA_U

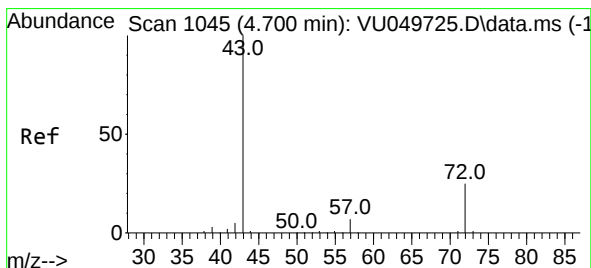
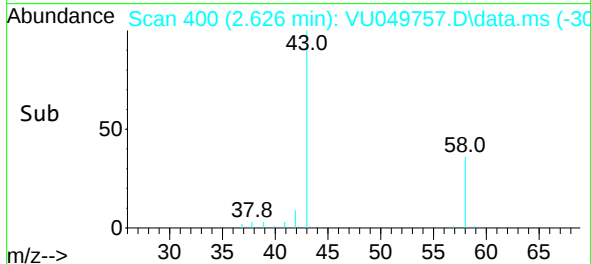
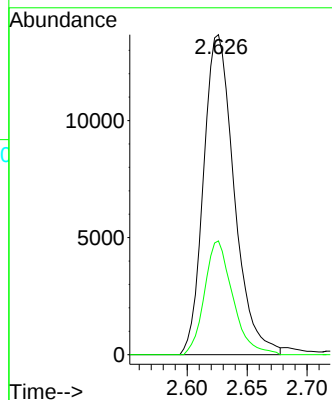
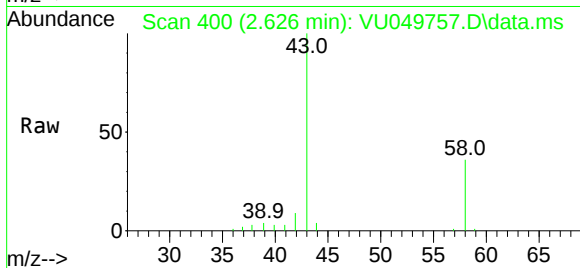
ClientSampleId :

Tgt Ion: 43 Resp: 24334

Ion Ratio Lower Upper

43 100

58 32.7 0.0 61.4



#22

2-Butanone

Concen: 9.999 ug/L

RT: 4.706 min Scan# 1047

Delta R.T. 0.006 min

Lab File: VU049757.D

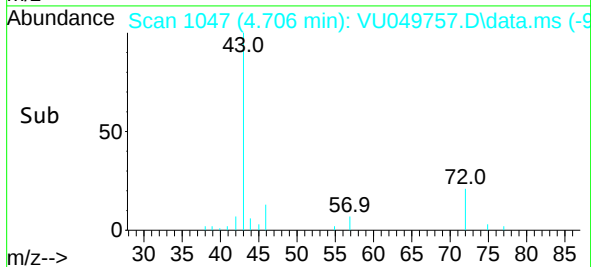
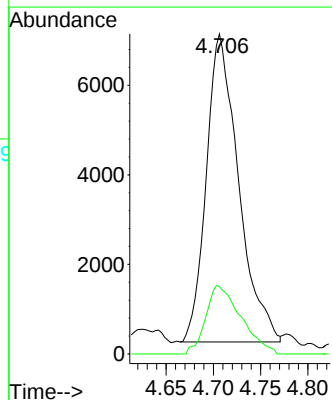
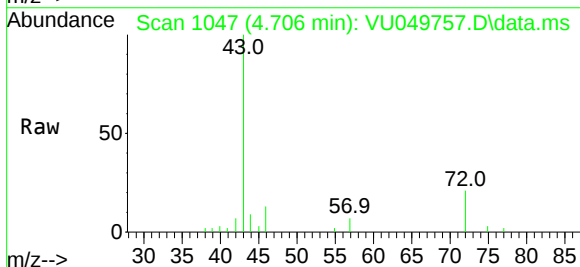
Acq: 18 Jul 2022 13:40

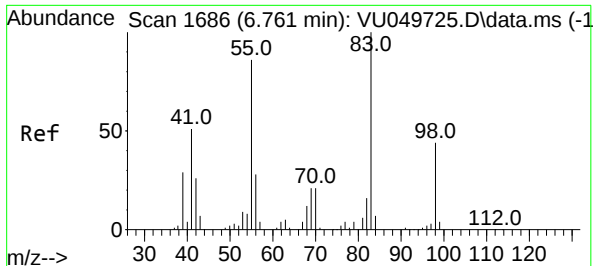
Tgt Ion: 43 Resp: 16317

Ion Ratio Lower Upper

43 100

72 23.9 12.7 38.0





#35

Methylcyclohexane

Concen: 7.681 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU049757.D

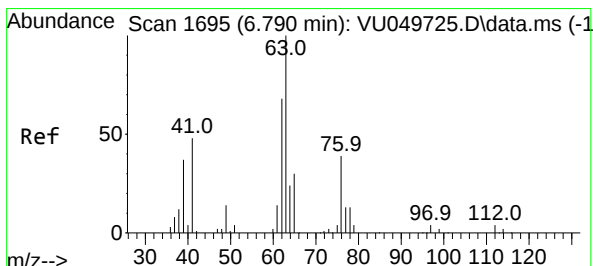
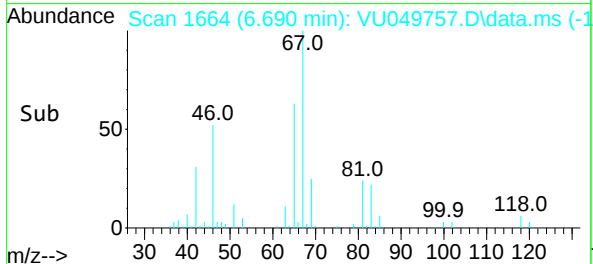
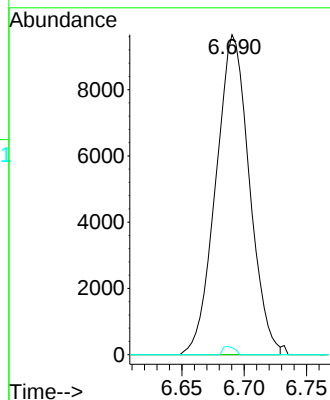
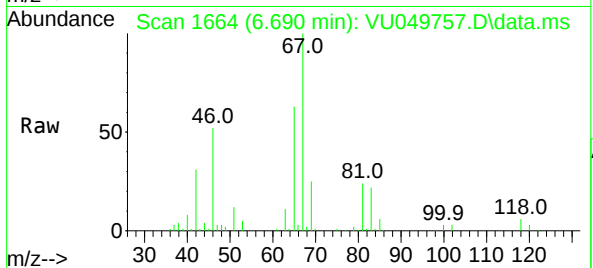
Acq: 18 Jul 2022 13:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 18083
Ion Ratio	Lower Upper
83 100	
55 0.0	66.0 99.0#
98 0.9	34.6 51.8#



#37

1,2-Dichloropropane

Concen: 5.453 ug/L

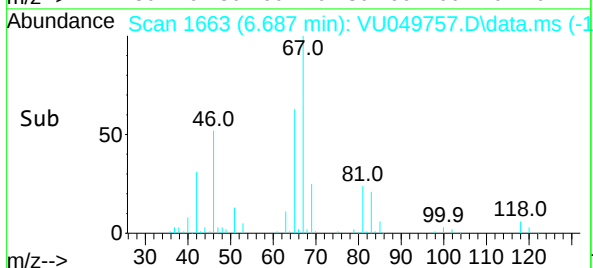
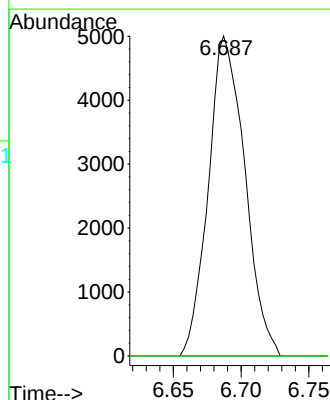
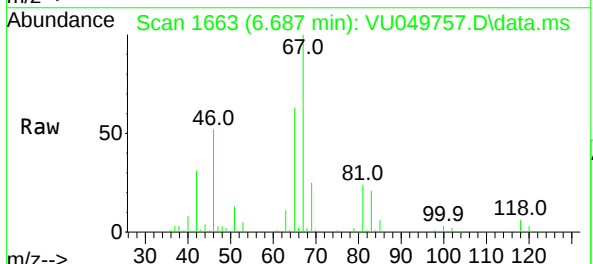
RT: 6.687 min Scan# 1663

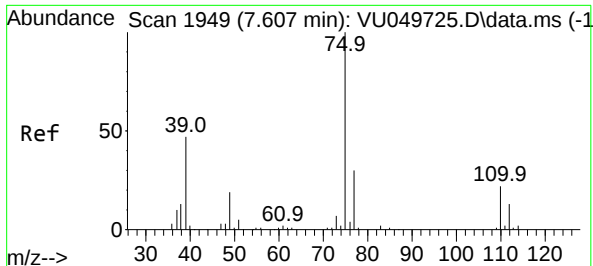
Delta R.T. -0.103 min

Lab File: VU049757.D

Acq: 18 Jul 2022 13:40

Tgt Ion: 63	Resp: 9368
Ion Ratio	Lower Upper
63 100	
112 0.0	2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.919 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049757.D

Acq: 18 Jul 2022 13:40

Instrument :

MSVOA_U

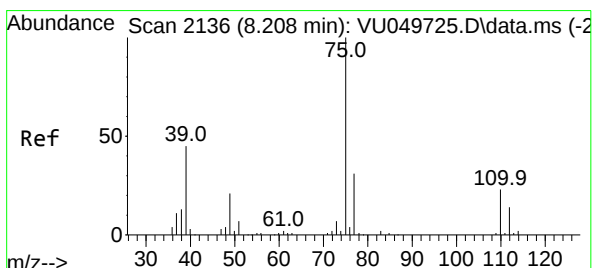
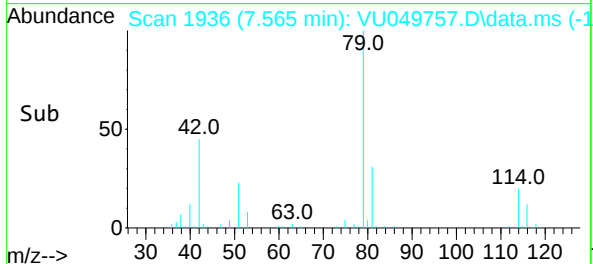
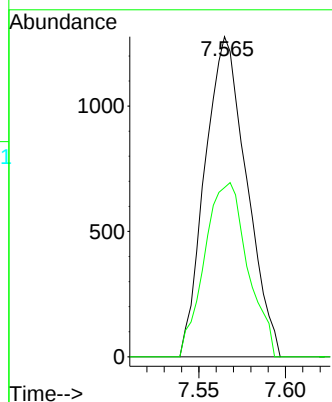
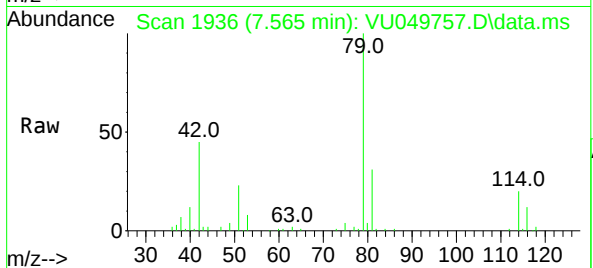
ClientSampleId :

Tgt Ion: 75 Resp: 2129

Ion Ratio Lower Upper

75 100

77 52.9 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.721 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.026 min

Lab File: VU049757.D

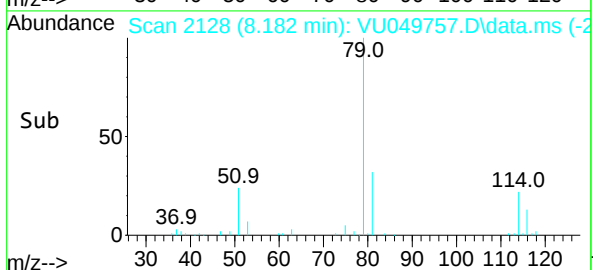
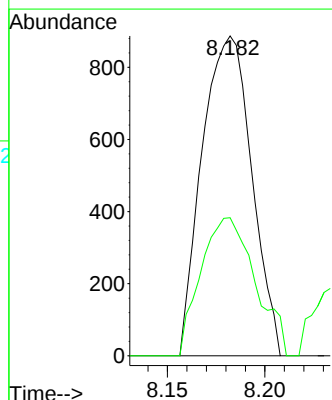
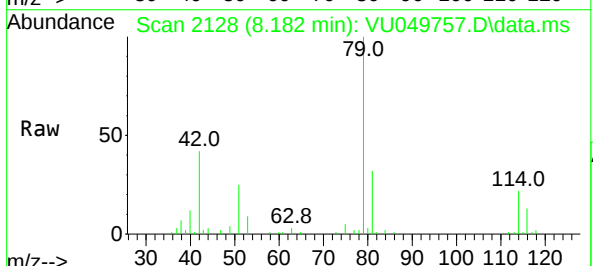
Acq: 18 Jul 2022 13:40

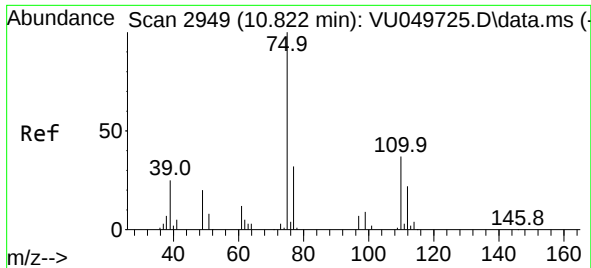
Tgt Ion: 75 Resp: 1569

Ion Ratio Lower Upper

75 100

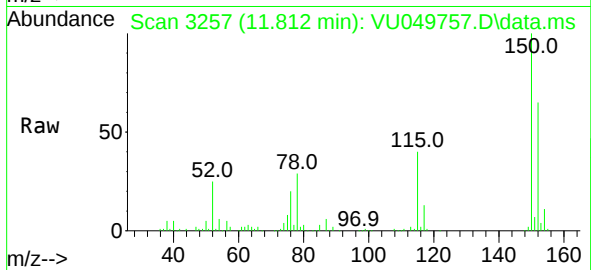
77 43.2 22.5 41.9#





#60
 1,2,3-Trichloropropane
 Concen: 5.117 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049757.D
 Acq: 18 Jul 2022 13:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	9692
Ion	Ratio	Lower	Upper
75	100		
77	36.0	25.5	38.3
110	2.6	28.9	43.3#

