

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
 Data File : VU048551.D
 Acq On : 12 May 2022 18:58
 Operator : SY/MD
 Sample : N2767-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 04:00:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 13 03:54:05 2022
 Response via : Initial Calibration

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

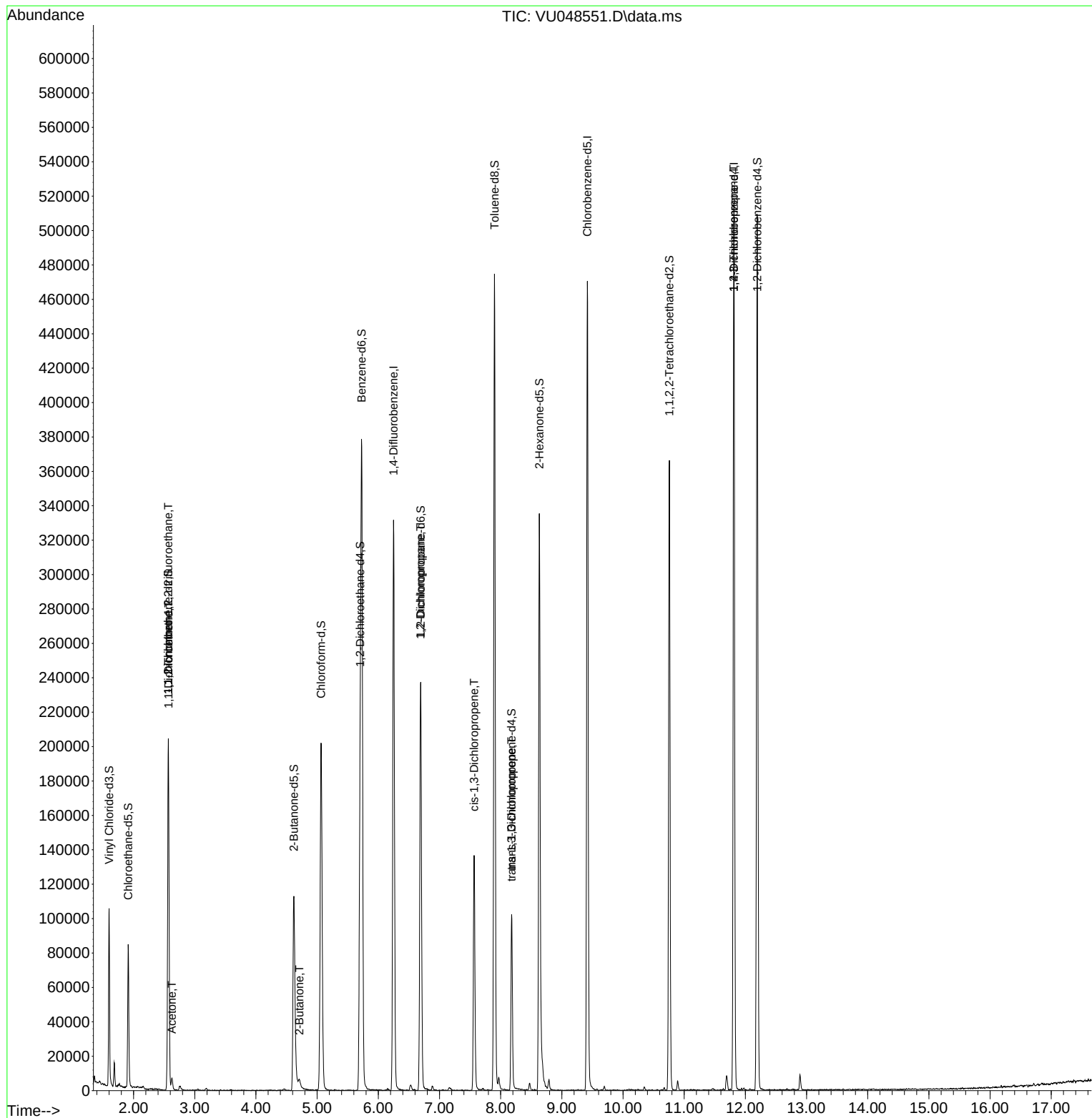
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	265081	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	266755	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	137176	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	71531	31.333	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.660%
7) Chloroethane-d5	1.912	69	58993	39.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.180%
11) 1,1-Dichloroethene-d2	2.568	63	119600	29.436	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.880%#
21) 2-Butanone-d5	4.620	46	158994	81.778	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.780%
24) Chloroform-d	5.063	84	189656	47.829	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.660%
26) 1,2-Dichloroethane-d4	5.703	65	136494	52.954	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.900%
32) Benzene-d6	5.729	84	343506	42.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.760%
36) 1,2-Dichloropropane-d6	6.694	67	107040	40.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.980%
41) Toluene-d8	7.899	98	311794	43.491	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.980%
43) trans-1,3-Dichloroprop...	8.179	79	57712	47.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.860%
47) 2-Hexanone-d5	8.632	63	111882	87.447	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.450%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	171226	42.525	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.040%
66) 1,2-Dichlorobenzene-d4	12.195	152	134418	49.486	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.980%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1474	0.750	ug/L #	19
12) 1,1-Dichloroethene	2.572	96	1120	0.603	ug/L #	1
13) Acetone	2.626	43	7759	5.293	ug/L	99
22) 2-Butanone	4.710	43	7279	3.322	ug/L	96
37) 1,2-Dichloropropane	6.690	63	12963	5.057	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3517	0.965	ug/L #	79
44) trans-1,3-Dichloropropene	8.176	75	2868	0.809	ug/L	97
60) 1,2,3-Trichloropropane	11.809	75	14173	3.958	ug/L #	62

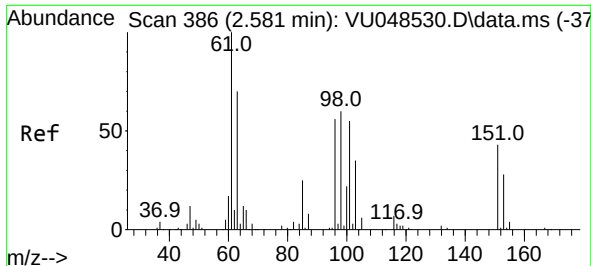
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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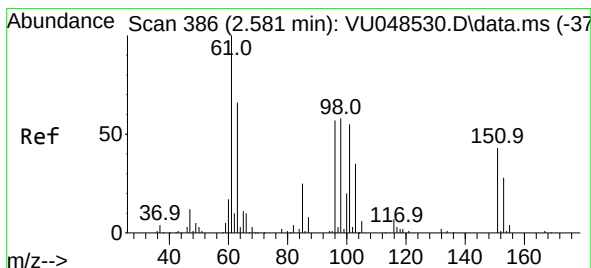
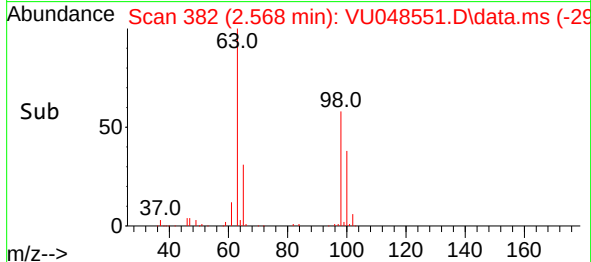
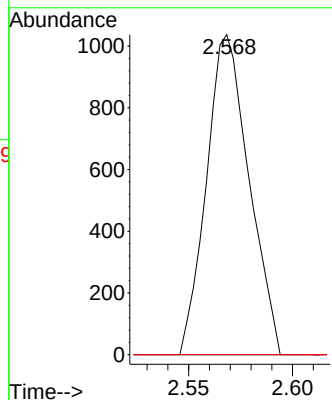
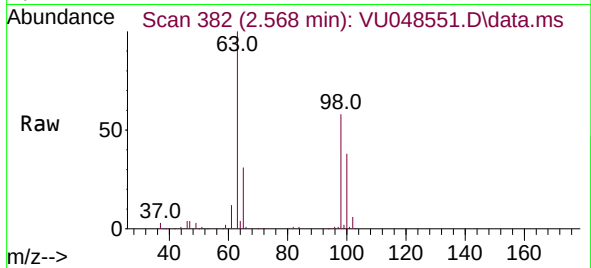




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.750 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU048551.D
Acq: 12 May 2022 18:58

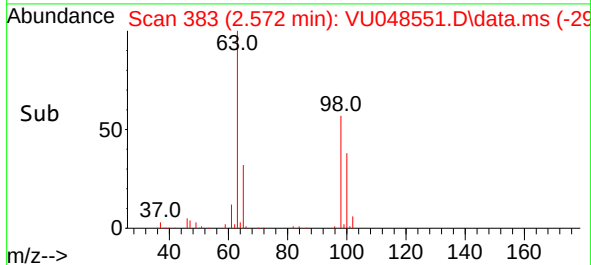
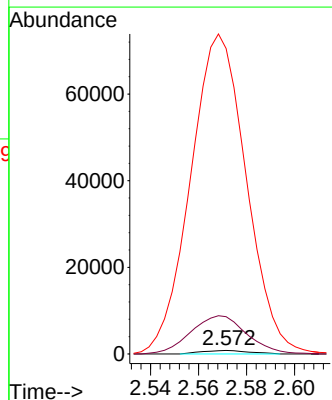
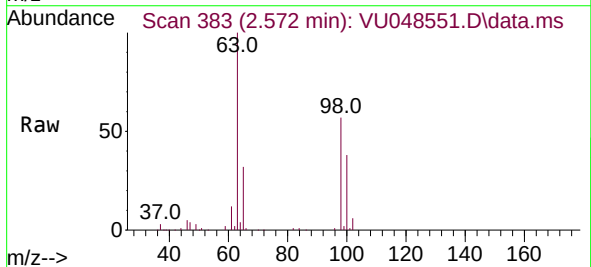
Instrument :
MSVOA_U
ClientSampleId :

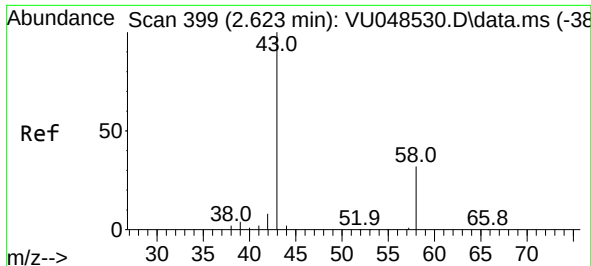
Tgt Ion:101 Resp: 1474
Ion Ratio Lower Upper
101 100
85 0.0 34.8 52.2#
151 0.0 60.7 91.1#



#12
1,1-Dichloroethene
Concen: 0.603 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU048551.D
Acq: 12 May 2022 18:58

Tgt Ion: 96 Resp: 1120
Ion Ratio Lower Upper
96 100
61 1045.4 124.5 231.3#
63 8578.1 92.5 171.9#





#13

Acetone

Concen: 5.293 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU048551.D

Acq: 12 May 2022 18:58

Instrument :

MSVOA_U

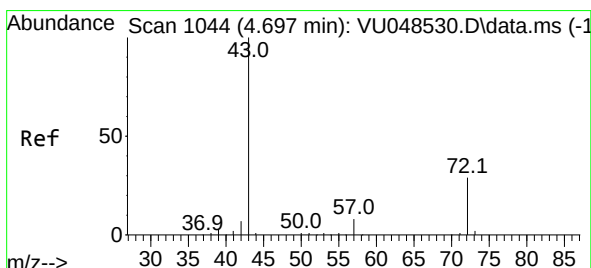
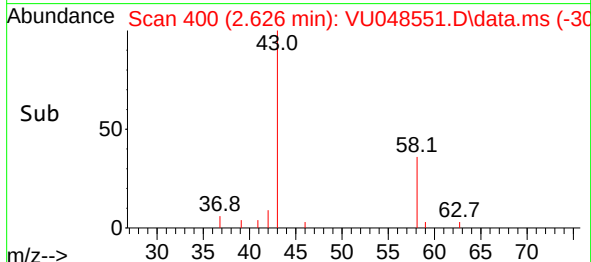
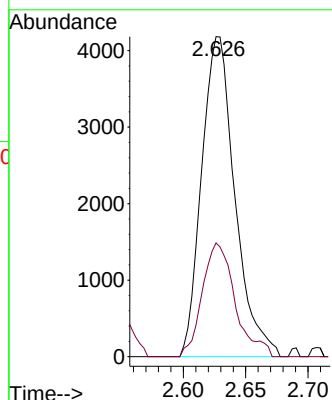
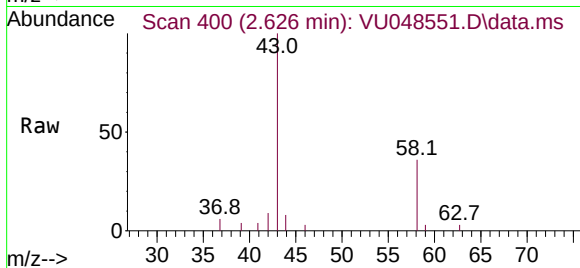
ClientSampleId :

Tgt Ion: 43 Resp: 7759

Ion Ratio Lower Upper

43 100

58 33.8 0.0 66.2



#22

2-Butanone

Concen: 3.322 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.013 min

Lab File: VU048551.D

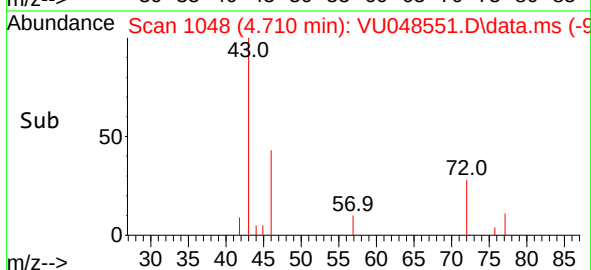
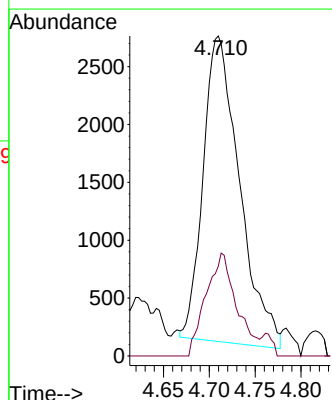
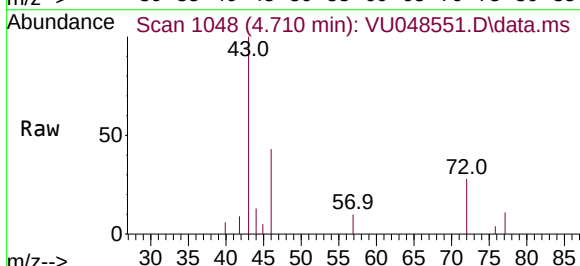
Acq: 12 May 2022 18:58

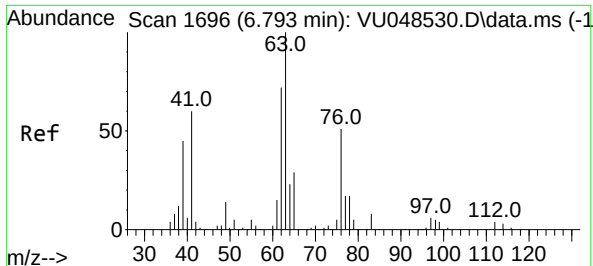
Tgt Ion: 43 Resp: 7279

Ion Ratio Lower Upper

43 100

72 28.6 13.3 39.9





#37

1,2-Dichloropropane

Concen: 5.057 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048551.D

Acq: 12 May 2022 18:58

Instrument :

MSVOA_U

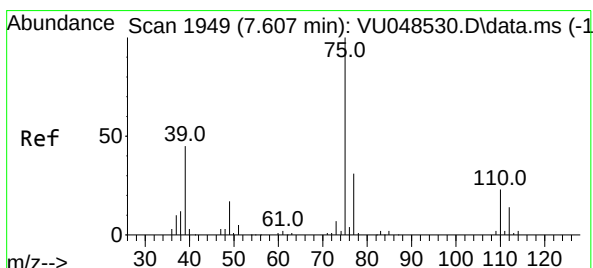
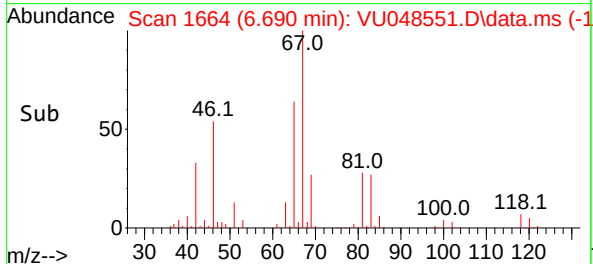
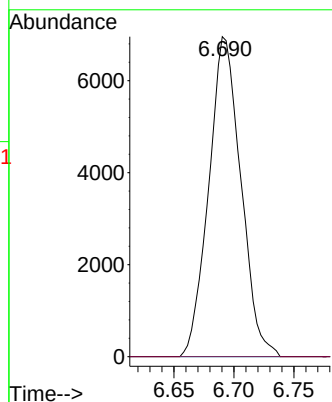
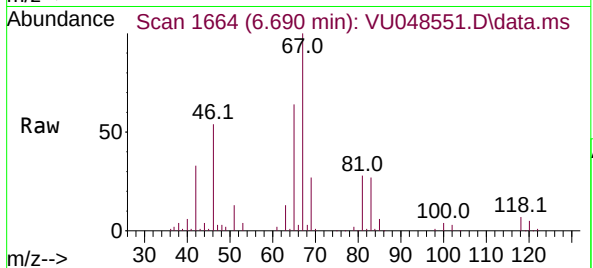
ClientSampleId :

Tgt Ion: 63 Resp: 12963

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.965 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU048551.D

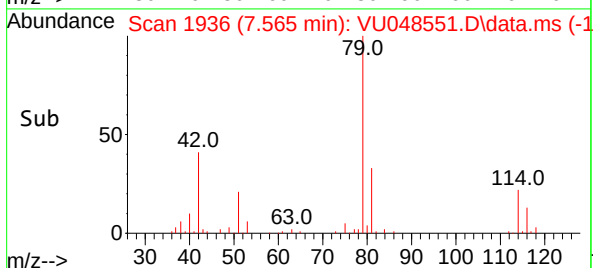
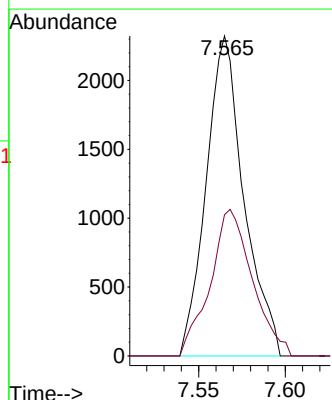
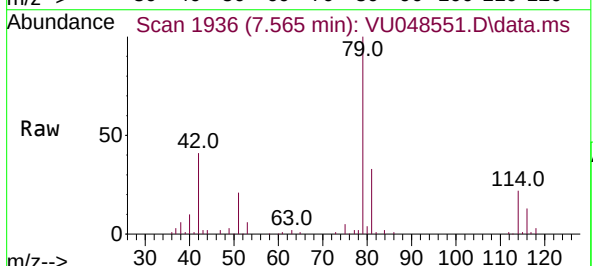
Acq: 12 May 2022 18:58

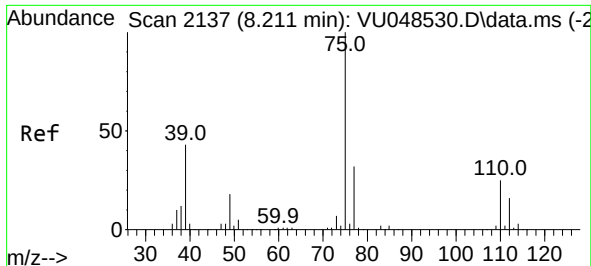
Tgt Ion: 75 Resp: 3517

Ion Ratio Lower Upper

75 100

77 44.2 22.5 41.9#

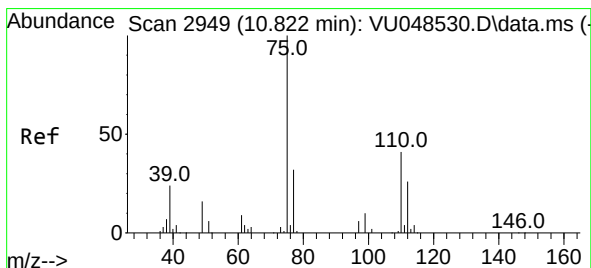
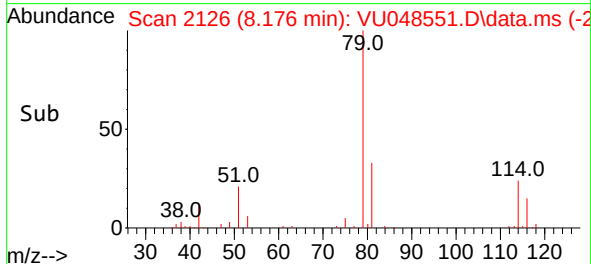
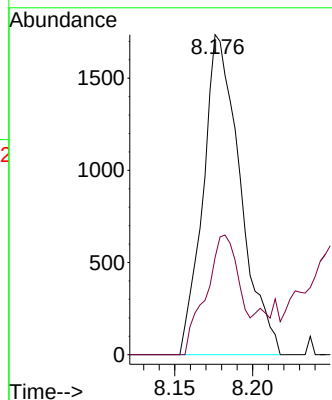
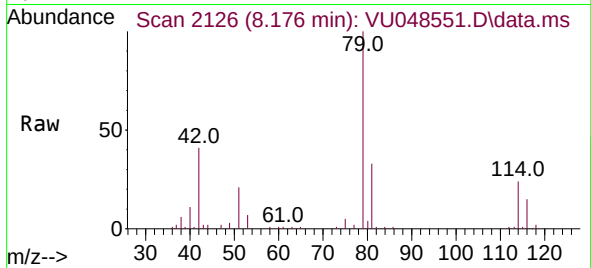




#44
trans-1,3-Dichloropropene
Concen: 0.809 ug/L
RT: 8.176 min Scan# 2137
Delta R.T. -0.035 min
Lab File: VU048551.D
Acq: 12 May 2022 18:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2868
Ion Ratio Lower Upper
75 100
77 30.4 22.6 42.0



#60
1,2,3-Trichloropropane
Concen: 3.958 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU048551.D
Acq: 12 May 2022 18:58

Tgt Ion: 75 Resp: 14173
Ion Ratio Lower Upper
75 100
77 39.9 25.5 38.3#
110 1.4 28.9 43.3#

