

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU113021\
 Data File : VU046029.D
 Acq On : 30 Nov 2021 12:59
 Operator : SY/MD
 Sample : M4833-20ME
 Misc : 6.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 01 00:34:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 01 00:33:27 2021
 Response via : Initial Calibration

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

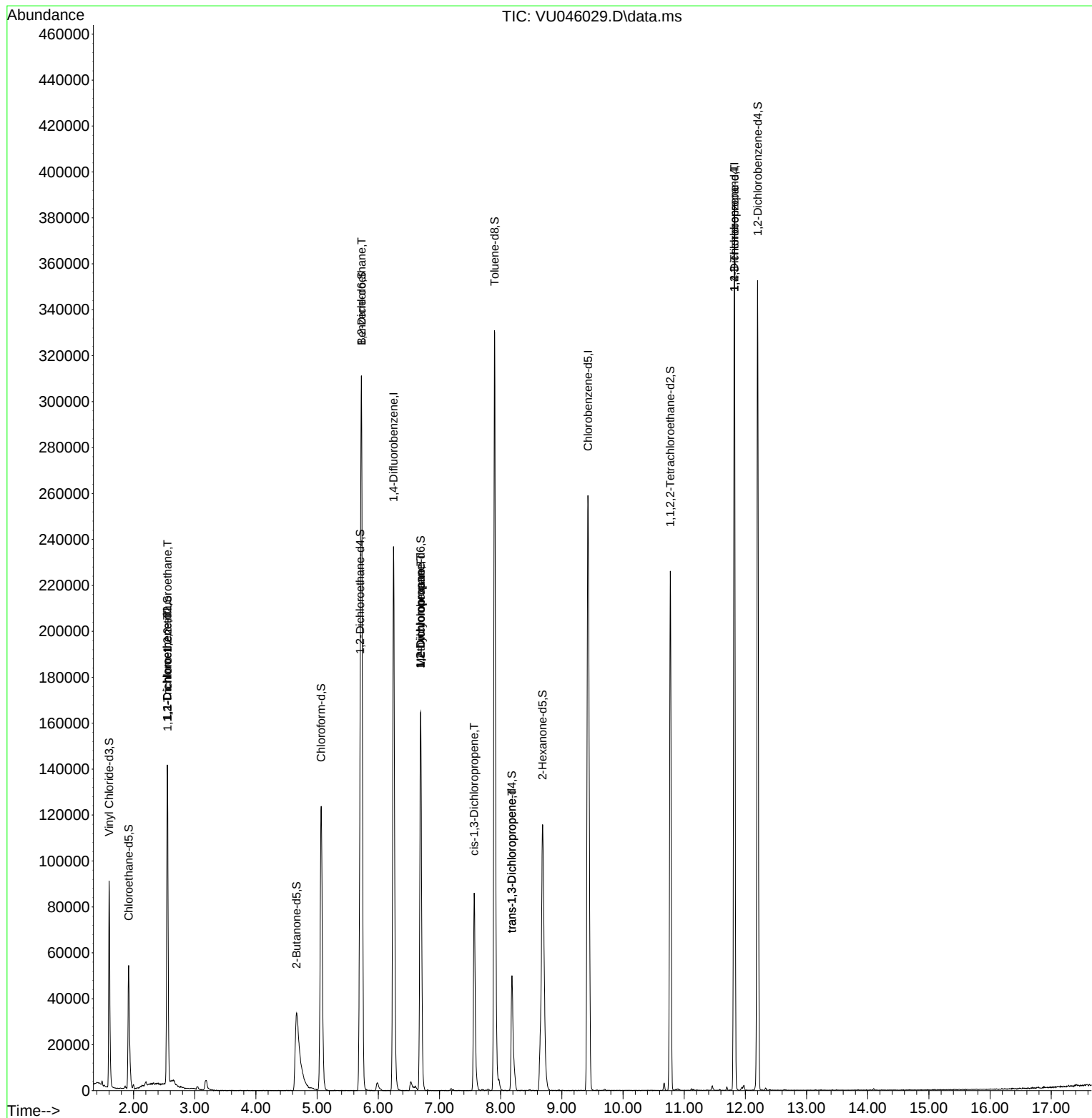
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	212114	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	209707	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	101019	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	74318	42.533	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.060%
7) Chloroethane-d5	1.919	69	53072	39.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.120%
11) 1,1-Dichloroethene-d2	2.552	63	84460	26.926	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.860%#
21) 2-Butanone-d5	4.665	46	116809	84.095	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.100%
24) Chloroform-d	5.066	84	124089	42.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.060%
26) 1,2-Dichloroethane-d4	5.703	65	86658	44.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.500%
32) Benzene-d6	5.726	84	275076	45.765	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.540%
36) 1,2-Dichloropropane-d6	6.693	67	85163	45.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.440%
41) Toluene-d8	7.899	98	247897	45.298	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.182	79	41548	46.204	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.400%
47) 2-Hexanone-d5	8.684	63	78099	88.426	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.430%
56) 1,1,2,2-Tetrachloroeth...	10.774	84	116492	41.236	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.480%
66) 1,2-Dichlorobenzene-d4	12.201	152	91133	46.844	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.680%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.555	101	786	0.509	ug/L #	21
12) 1,1-Dichloroethene	2.552	96	651	0.444	ug/L #	1
27) 1,2-Dichloroethane	5.726	62	1546	0.664	ug/L #	73
35) Methylcyclohexane	6.693	83	20040	7.730	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	9223	5.547	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2491	0.985	ug/L #	65
44) trans-1,3-Dichloropropene	8.182	75	1701	0.685	ug/L	86
60) 1,2,3-Trichloropropane	11.822	75	12482	5.637	ug/L #	66

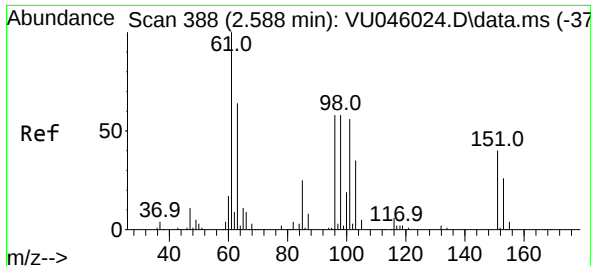
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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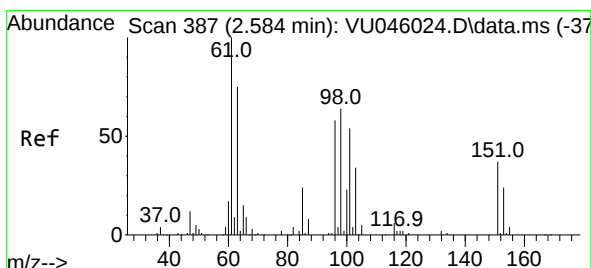
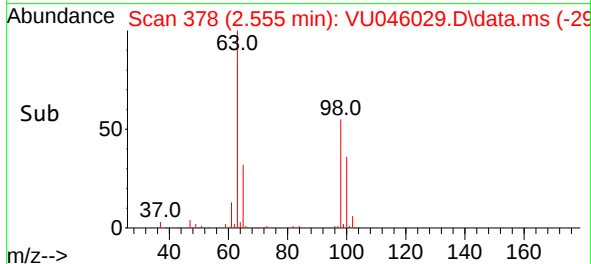
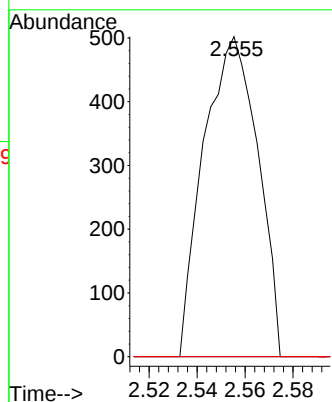
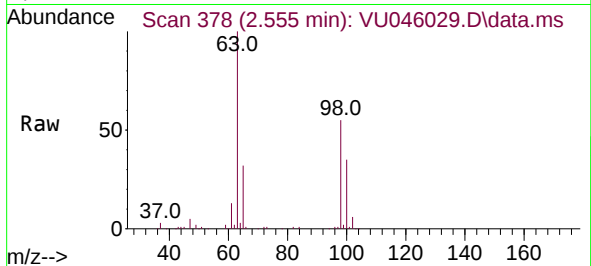




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.509 ug/L
 RT: 2.555 min Scan# 31
 Delta R.T. -0.032 min
 Lab File: VU046029.D
 Acq: 30 Nov 2021 12:59

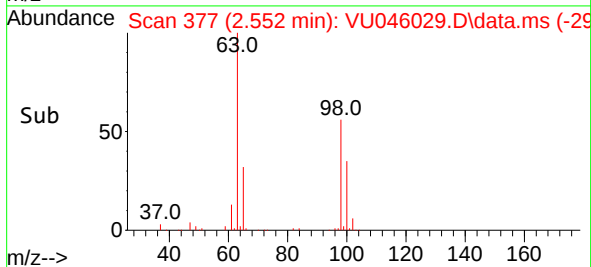
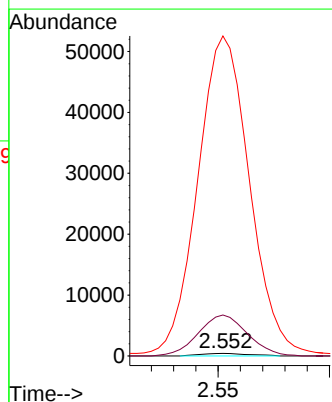
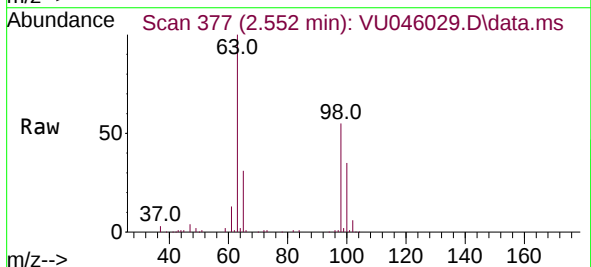
Instrument :
 MSVOA_U
 ClientSampleId :

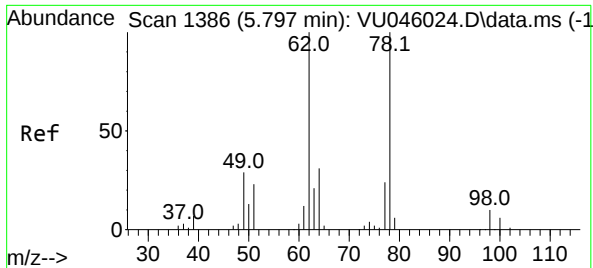
Tgt Ion:101 Resp: 786
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.444 ug/L
 RT: 2.552 min Scan# 377
 Delta R.T. -0.032 min
 Lab File: VU046029.D
 Acq: 30 Nov 2021 12:59

Tgt Ion: 96 Resp: 651
 Ion Ratio Lower Upper
 96 100
 61 1595.5 118.6 220.2#
 63 12455.0 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.664 ug/L

RT: 5.726 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU046029.D

Acq: 30 Nov 2021 12:59

Instrument :

MSVOA_U

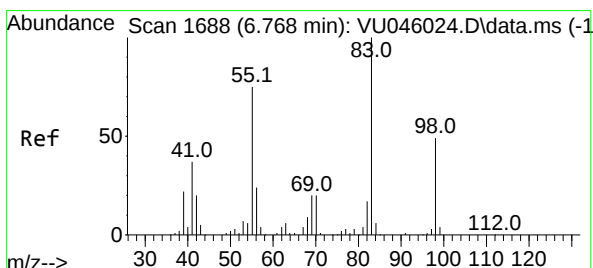
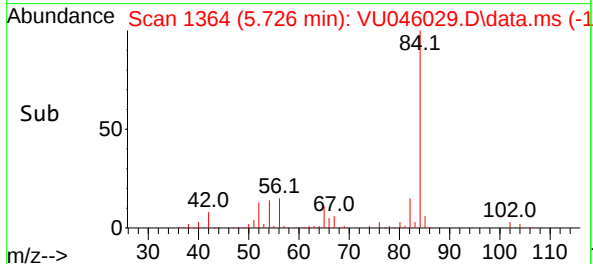
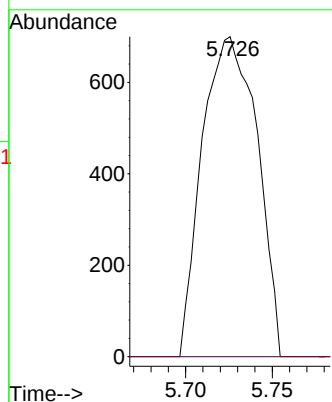
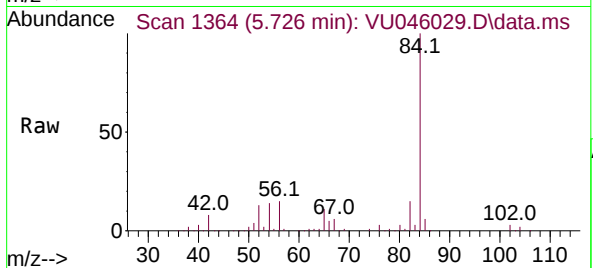
ClientSampleId :

Tgt Ion: 62 Resp: 1546

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 7.730 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046029.D

Acq: 30 Nov 2021 12:59

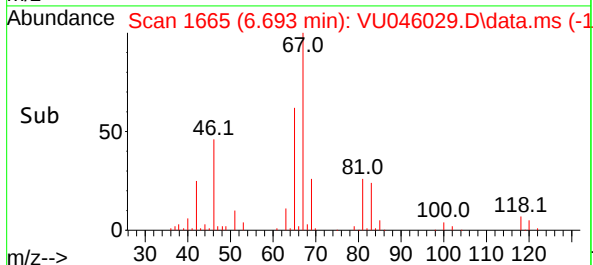
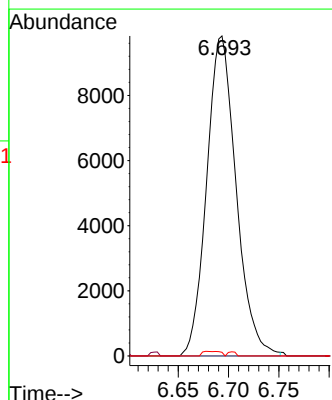
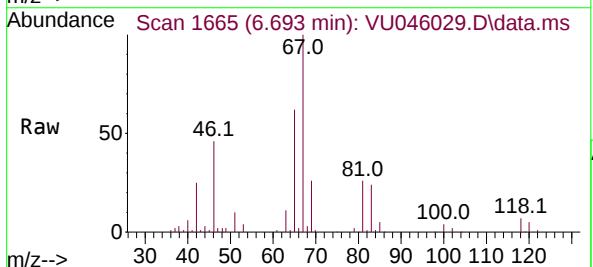
Tgt Ion: 83 Resp: 20040

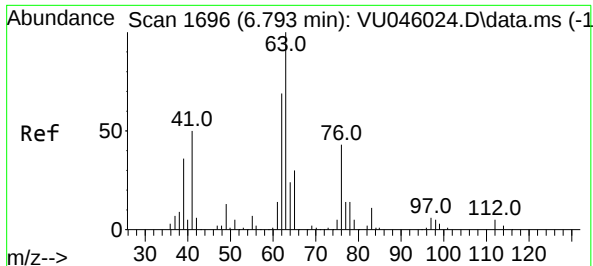
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.547 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046029.D

Acq: 30 Nov 2021 12:59

Instrument :

MSVOA_U

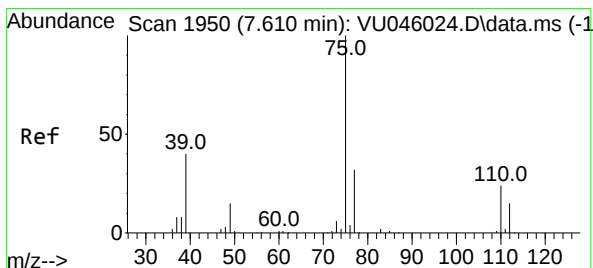
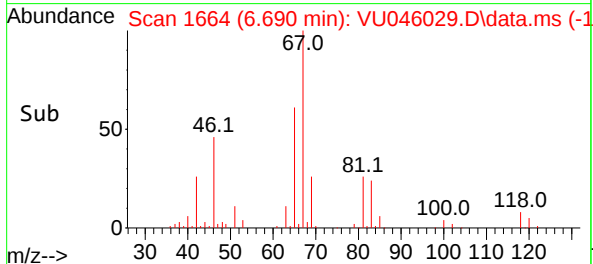
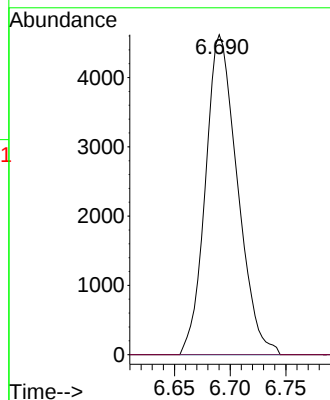
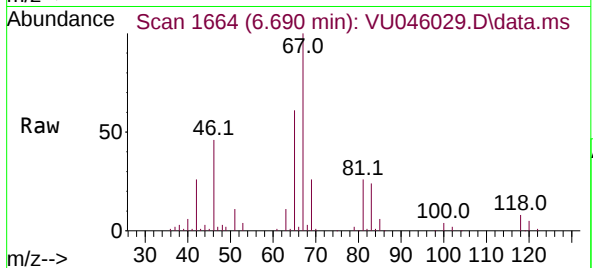
ClientSampleId :

Tgt Ion: 63 Resp: 9223

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.985 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046029.D

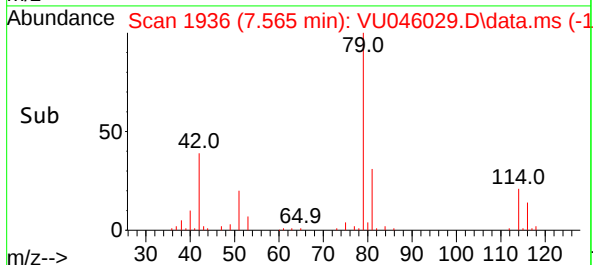
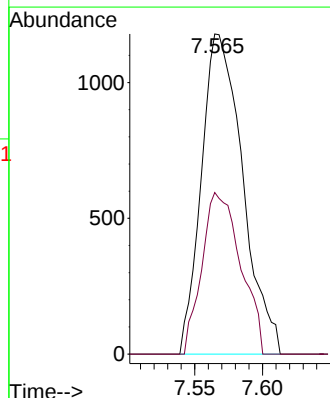
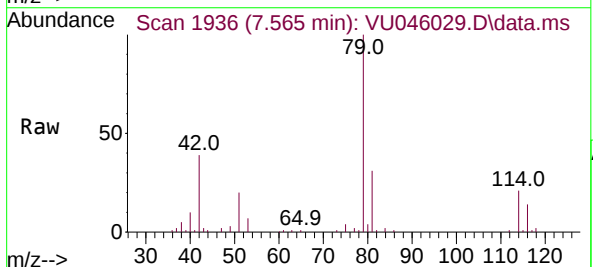
Acq: 30 Nov 2021 12:59

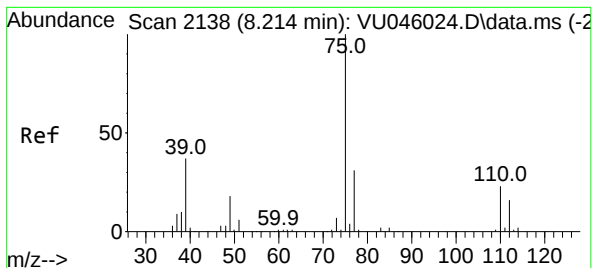
Tgt Ion: 75 Resp: 2491

Ion Ratio Lower Upper

75 100

77 50.5 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.685 ug/L

RT: 8.182 min Scan# 2138

Delta R.T. -0.032 min

Lab File: VU046029.D

Acq: 30 Nov 2021 12:59

Instrument :

MSVOA_U

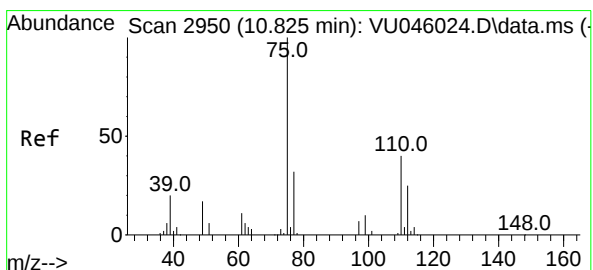
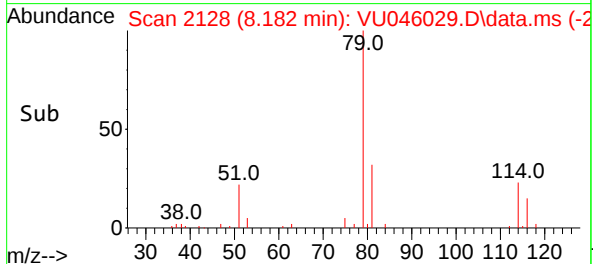
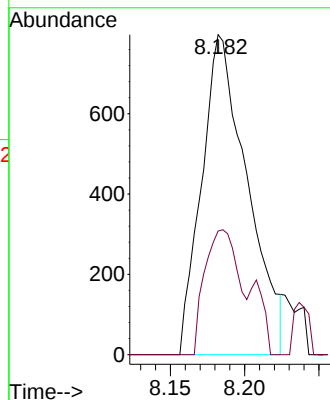
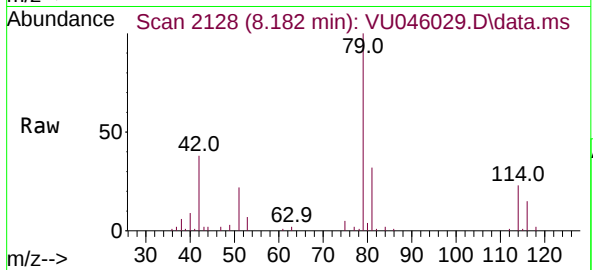
ClientSampleId :

Tgt Ion: 75 Resp: 1701

Ion Ratio Lower Upper

75 100

77 38.6 21.7 40.3



#60

1,2,3-Trichloropropane

Concen: 5.637 ug/L

RT: 11.822 min Scan# 3260

Delta R.T. 0.997 min

Lab File: VU046029.D

Acq: 30 Nov 2021 12:59

Tgt Ion: 75 Resp: 12482

Ion Ratio Lower Upper

75 100

77 33.7 26.4 39.6

110 2.5 32.4 48.6#

