

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046389.D
 Acq On : 15 Dec 2021 11:59
 Operator : SY/MD
 Sample : VU1215WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 03:08:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 16 02:25:11 2021
 Response via : Initial Calibration

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

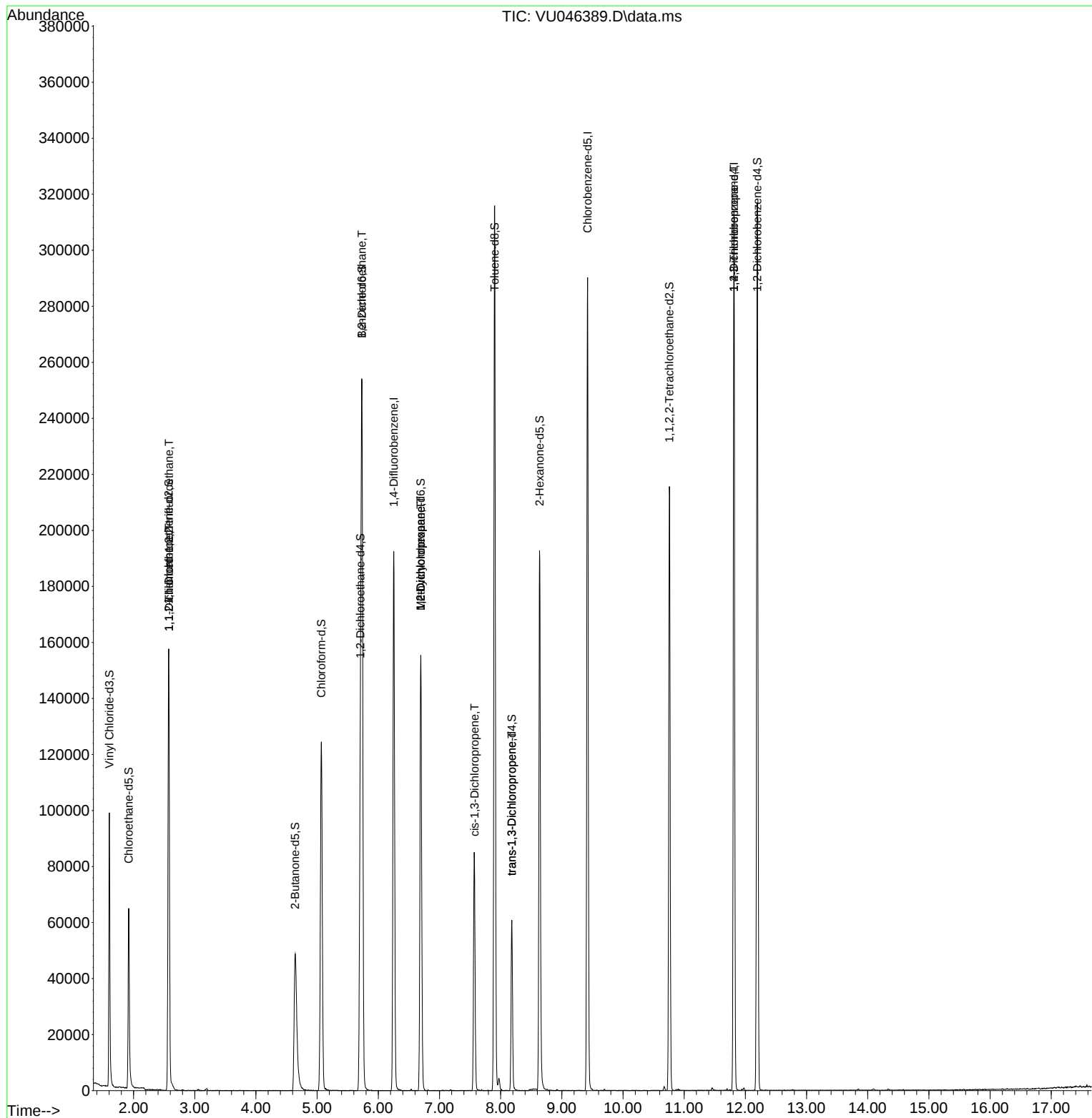
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	154871	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	158968	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80861	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	74771	58.610	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.220%
7) Chloroethane-d5	1.919	69	53596	54.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.440%
11) 1,1-Dichloroethene-d2	2.575	63	94321	41.185	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.360%
21) 2-Butanone-d5	4.642	46	95582	94.248	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.250%
24) Chloroform-d	5.070	84	118227	55.494	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.980%
26) 1,2-Dichloroethane-d4	5.706	65	79212	55.402	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.800%
32) Benzene-d6	5.732	84	240669	52.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.640%
36) 1,2-Dichloropropane-d6	6.694	67	72074	51.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.080%
41) Toluene-d8	7.903	98	209222	50.433	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.860%
43) trans-1,3-Dichloroprop...	8.182	79	34796	51.046	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.100%
47) 2-Hexanone-d5	8.636	63	70980	106.017	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	103500	48.331	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.660%
66) 1,2-Dichlorobenzene-d4	12.195	152	79930	51.328	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.660%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	623	0.553	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	652	0.609	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1479	0.871	ug/L #	73
35) Methylcyclohexane	6.694	83	18144	9.232	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	8279	6.569	ug/L #	86
39) cis-1,3-Dichloropropene	7.575	75	2326	1.213	ug/L #	77
44) trans-1,3-Dichloropropene	8.182	75	1580	0.839	ug/L	95
60) 1,2,3-Trichloropropane	11.812	75	9783	5.519	ug/L #	66

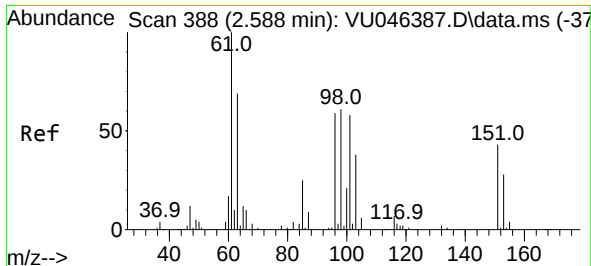
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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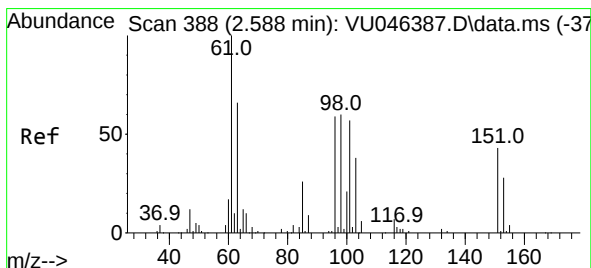
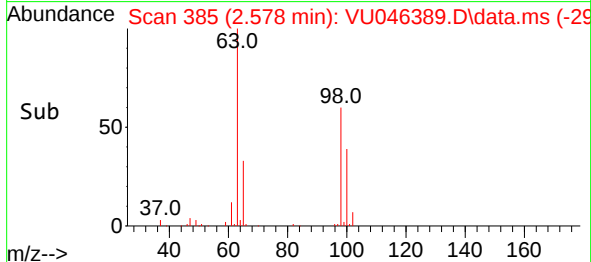
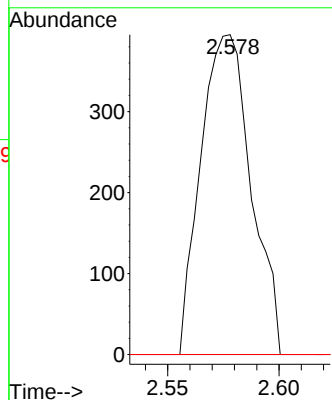
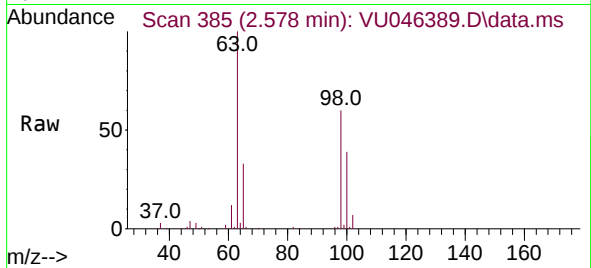




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.553 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU046389.D
 Acq: 15 Dec 2021 11:59

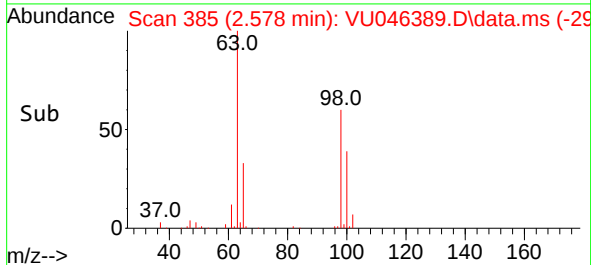
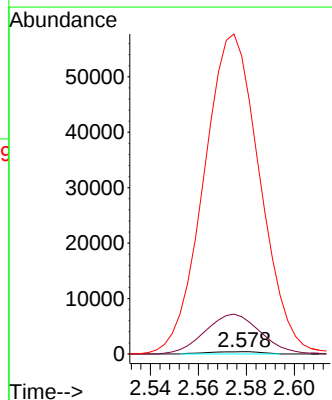
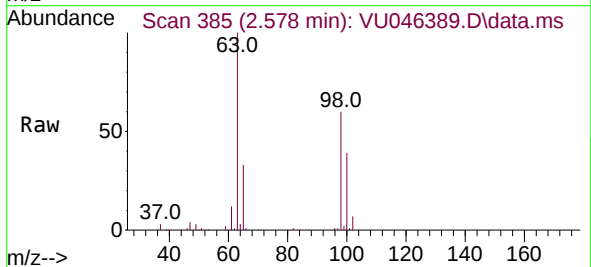
Instrument :
 MSVOA_U
 ClientSampleId :

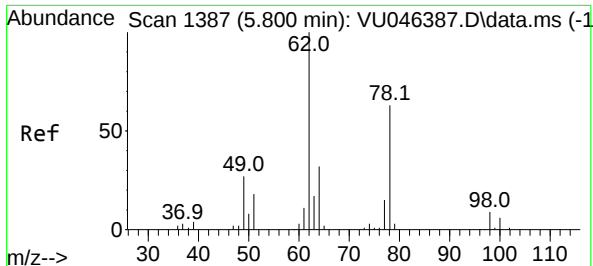
Tgt Ion:101 Resp: 623
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.609 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU046389.D
 Acq: 15 Dec 2021 11:59

Tgt Ion: 96 Resp: 652
 Ion Ratio Lower Upper
 96 100
 61 1616.1 118.6 220.2#
 63 12932.7 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.871 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.068 min

Lab File: VU046389.D

Acq: 15 Dec 2021 11:59

Instrument :

MSVOA_U

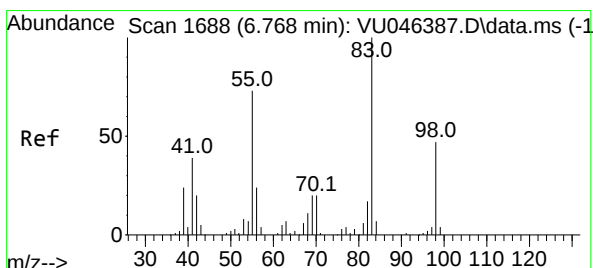
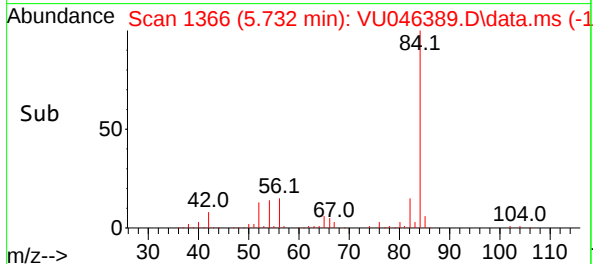
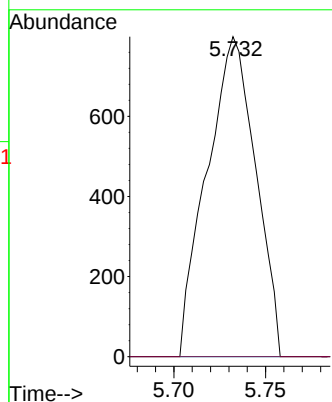
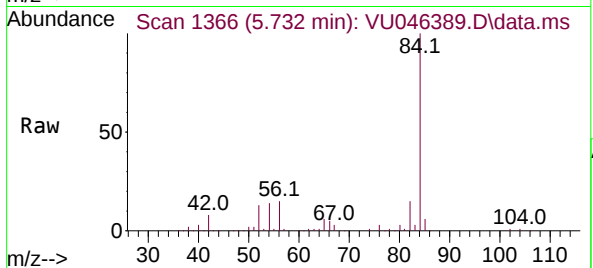
ClientSampleId :

Tgt Ion: 62 Resp: 1479

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 9.232 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046389.D

Acq: 15 Dec 2021 11:59

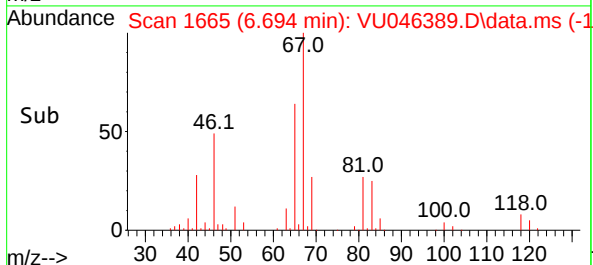
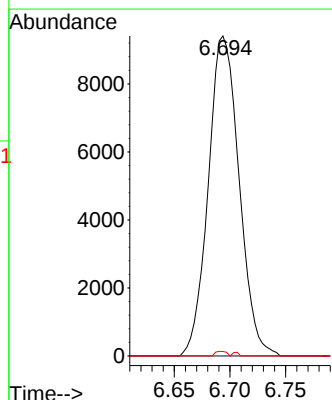
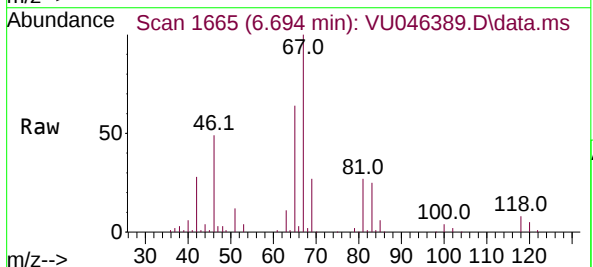
Tgt Ion: 83 Resp: 18144

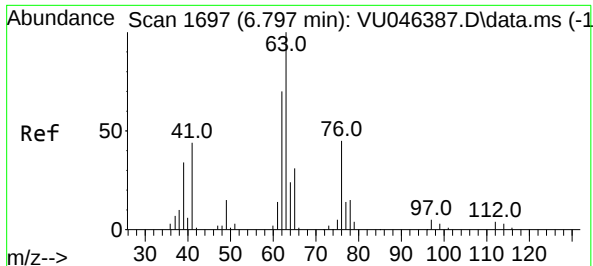
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 6.569 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046389.D

Acq: 15 Dec 2021 11:59

Instrument :

MSVOA_U

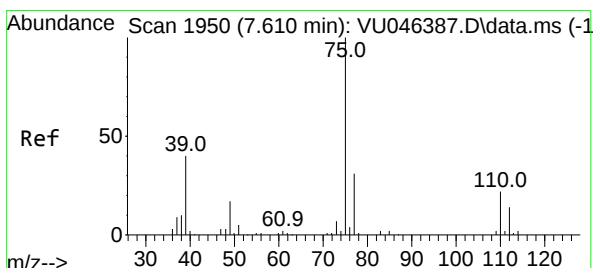
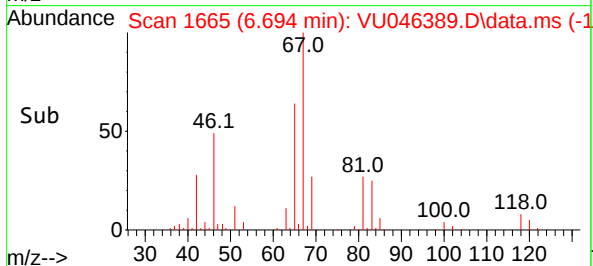
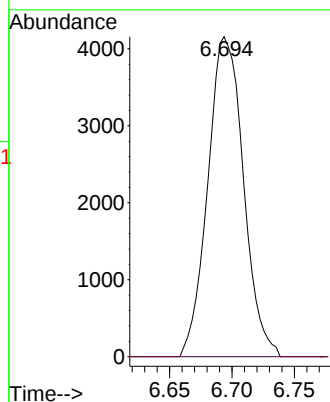
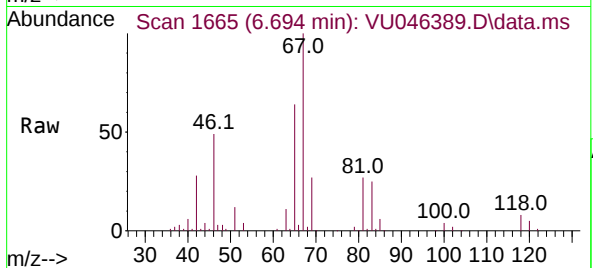
ClientSampleId :

Tgt Ion: 63 Resp: 8279

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.213 ug/L

RT: 7.575 min Scan# 1939

Delta R.T. -0.035 min

Lab File: VU046389.D

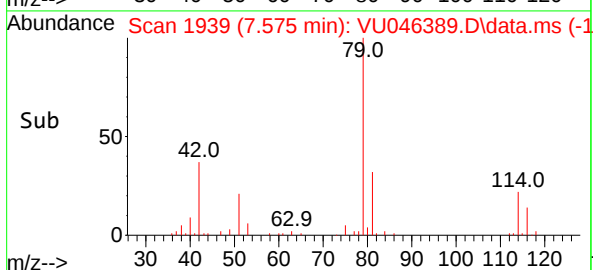
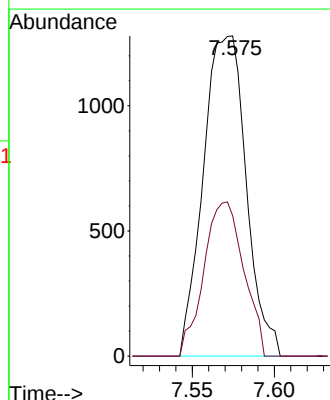
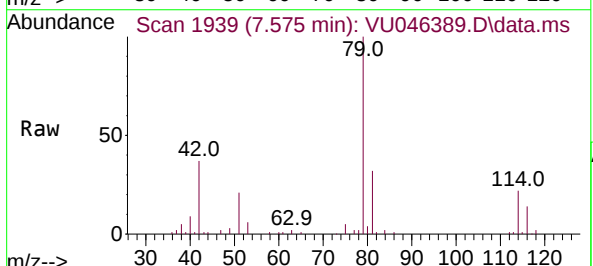
Acq: 15 Dec 2021 11:59

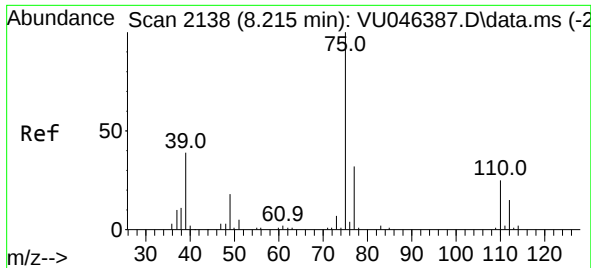
Tgt Ion: 75 Resp: 2326

Ion Ratio Lower Upper

75 100

77 43.9 21.8 40.6#

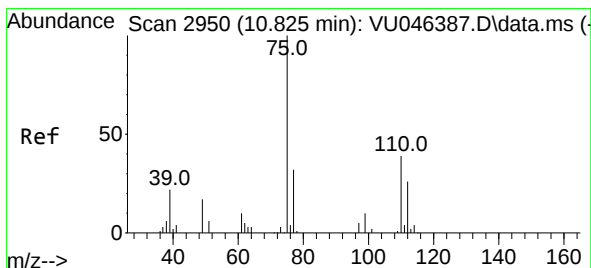
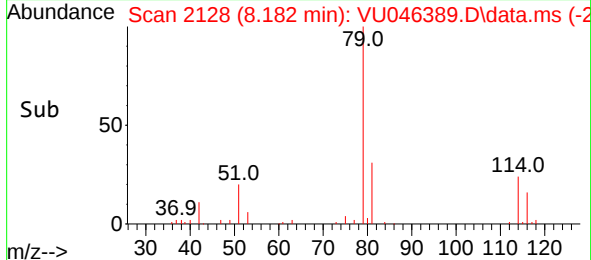
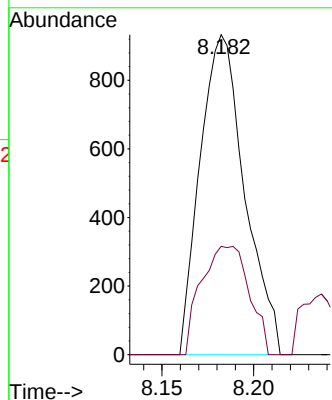
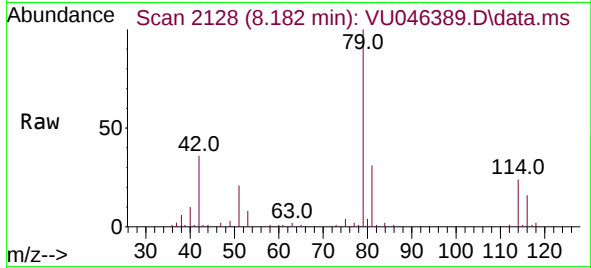




#44
trans-1,3-Dichloropropene
Concen: 0.839 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046389.D
Acq: 15 Dec 2021 11:59

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1580
Ion Ratio Lower Upper
75 100
77 33.9 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 5.519 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046389.D
Acq: 15 Dec 2021 11:59

Tgt Ion: 75 Resp: 9783
Ion Ratio Lower Upper
75 100
77 33.1 26.4 39.6
110 2.6 32.4 48.6#

