

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046061.D
 Acq On : 02 Dec 2021 18:34
 Operator : SY/MD
 Sample : M4868-06
 Misc : 6.58g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 03 05:13:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

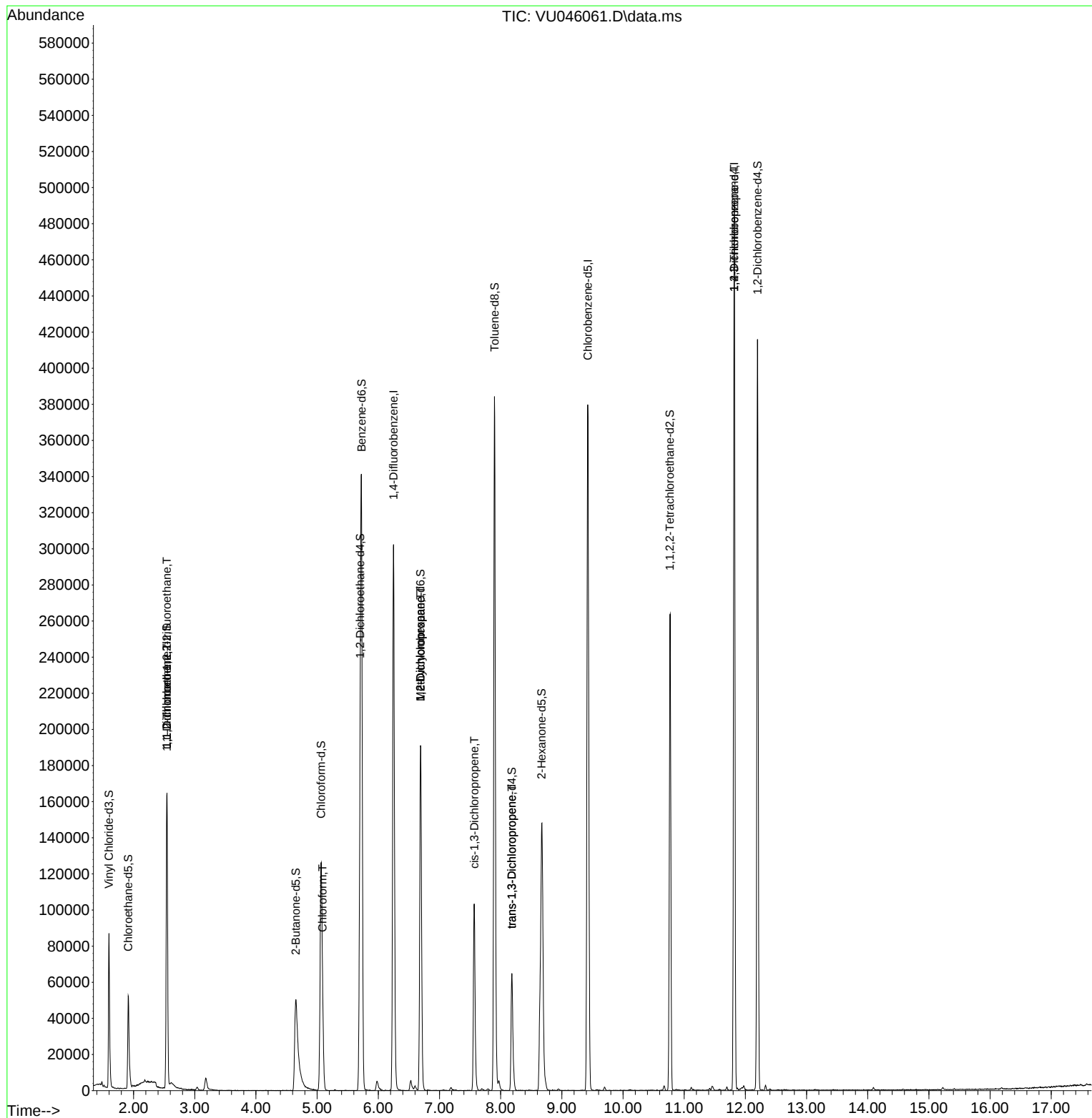
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	267121	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	262465	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	128419	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70680	32.121	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.240%
7) Chloroethane-d5	1.913	69	47975	28.397	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	56.800%#
11) 1,1-Dichloroethene-d2	2.546	63	99629	25.222	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.440%#
21) 2-Butanone-d5	4.652	46	126630	72.392	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.390%
24) Chloroform-d	5.064	84	117113	31.871	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.740%#
26) 1,2-Dichloroethane-d4	5.703	65	97565	39.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.120%
32) Benzene-d6	5.726	84	307228	40.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.680%
36) 1,2-Dichloropropane-d6	6.690	67	99264	42.577	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.160%
41) Toluene-d8	7.899	98	275321	40.196	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.182	79	46873	41.648	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.300%
47) 2-Hexanone-d5	8.671	63	93258	84.365	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.360%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	138010	39.033	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.060%
66) 1,2-Dichlorobenzene-d4	12.198	152	107702	43.549	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.100%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	925	0.476	ug/L #	21
12) 1,1-Dichloroethene	2.543	96	676	0.366	ug/L #	1
25) Chloroform	5.089	83	29641	7.507	ug/L	100
35) Methylcyclohexane	6.690	83	22985	7.083	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	10584	5.086	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	2686	0.848	ug/L #	66
44) trans-1,3-Dichloropropene	8.182	75	1971	0.634	ug/L	84
60) 1,2,3-Trichloropropane	11.819	75	15934	5.660	ug/L #	65

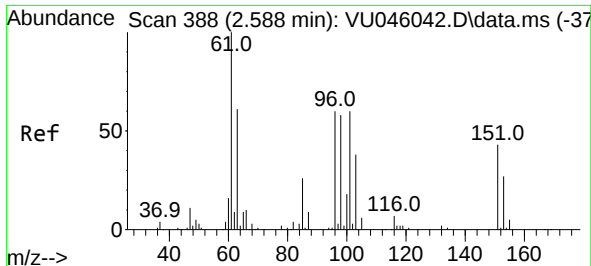
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

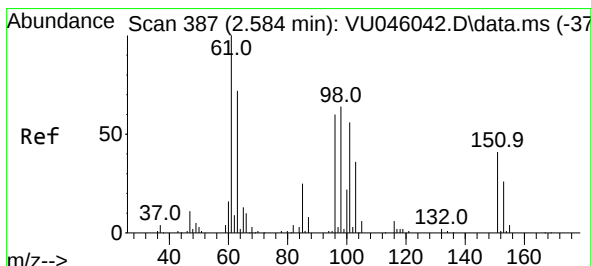
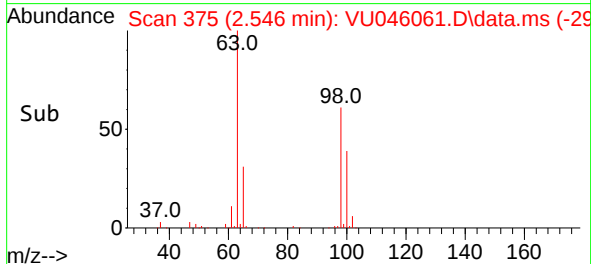
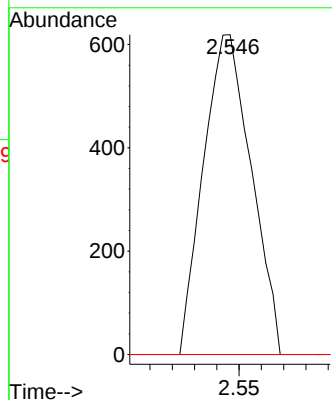
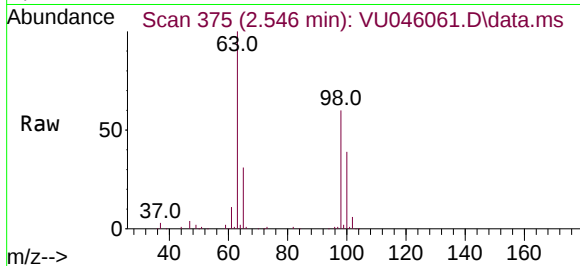




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.476 ug/L
RT: 2.546 min Scan# 31
Delta R.T. -0.042 min
Lab File: VU046061.D
Acq: 02 Dec 2021 18:34

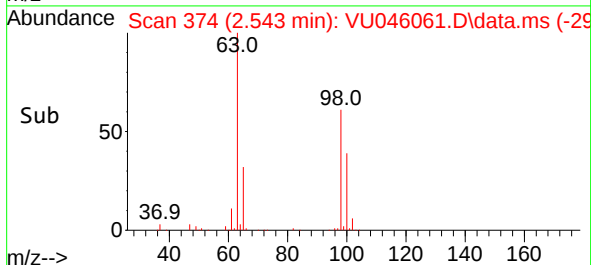
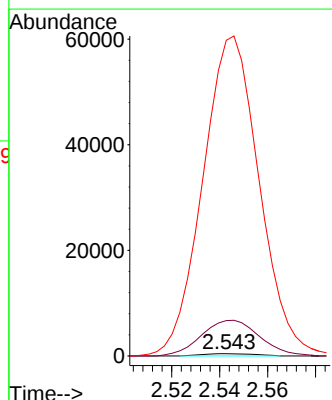
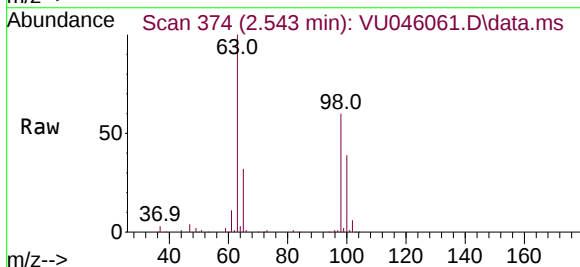
Instrument :
MSVOA_U
ClientSampleId :

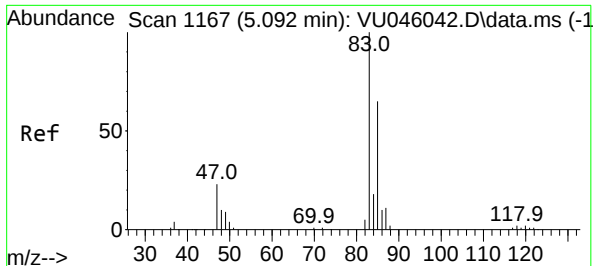
Tgt Ion:101 Resp: 925
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.366 ug/L
RT: 2.543 min Scan# 374
Delta R.T. -0.042 min
Lab File: VU046061.D
Acq: 02 Dec 2021 18:34

Tgt Ion: 96 Resp: 676
Ion Ratio Lower Upper
96 100
61 1572.1 118.6 220.2#
63 14000.9 93.0 172.8#





#25

Chloroform

Concen: 7.507 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046061.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_U

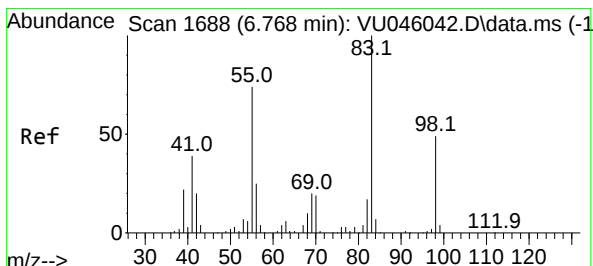
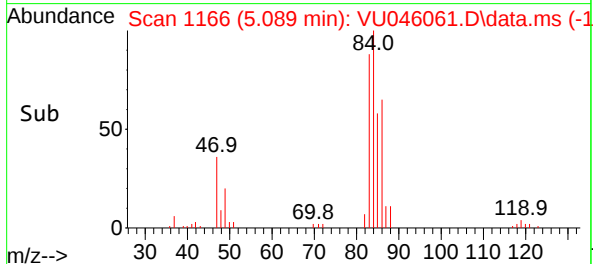
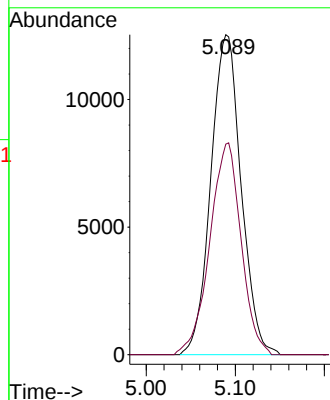
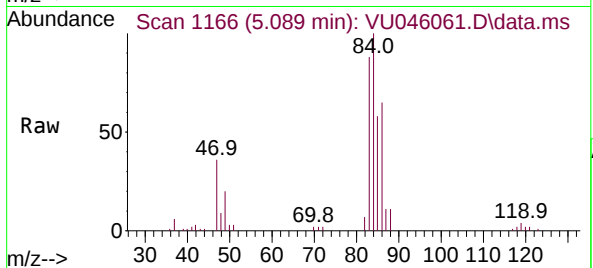
ClientSampleId :

Tgt Ion: 83 Resp: 29641

Ion Ratio Lower Upper

83 100

85 65.8 45.8 85.2



#35

Methylcyclohexane

Concen: 7.083 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.077 min

Lab File: VU046061.D

Acq: 02 Dec 2021 18:34

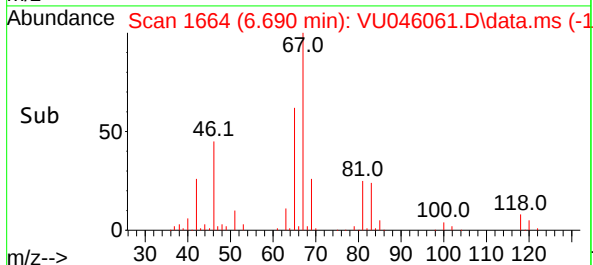
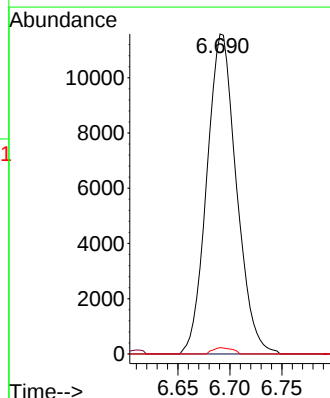
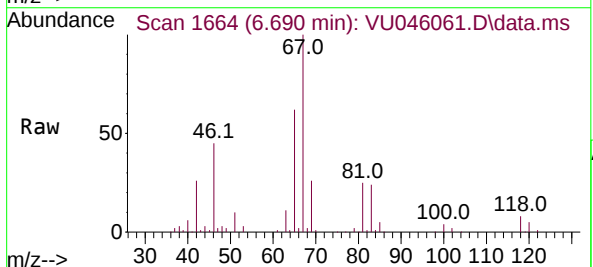
Tgt Ion: 83 Resp: 22985

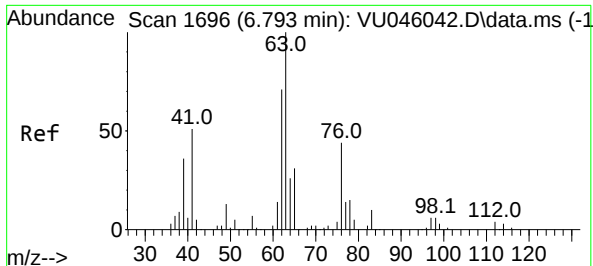
Ion Ratio Lower Upper

83 100

55 0.4 57.8 86.6#

98 1.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.086 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046061.D

Acq: 02 Dec 2021 18:34

Instrument :

MSVOA_U

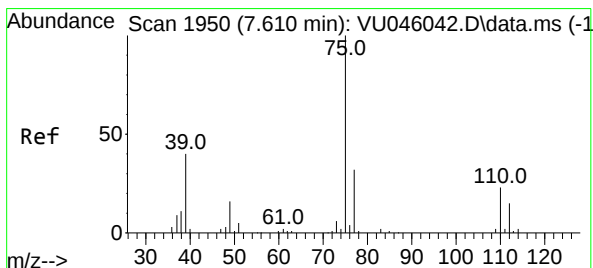
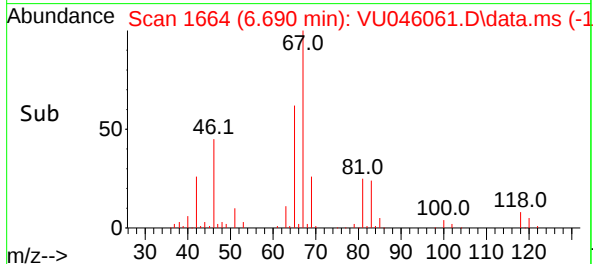
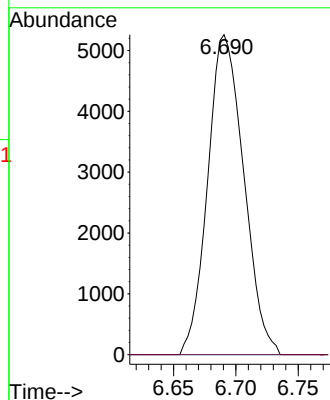
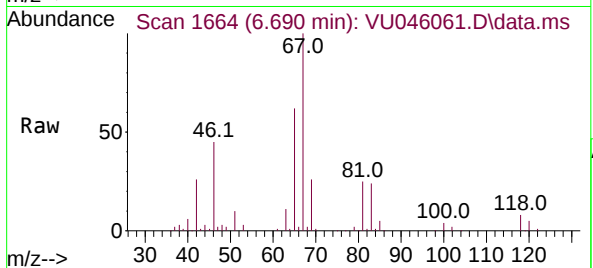
ClientSampleId :

Tgt Ion: 63 Resp: 10584

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.848 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.038 min

Lab File: VU046061.D

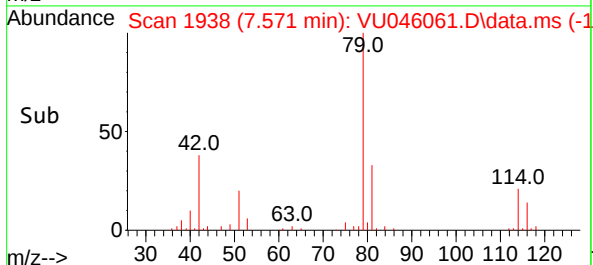
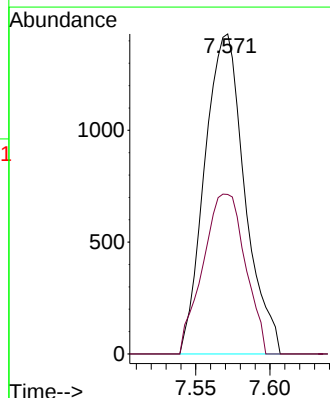
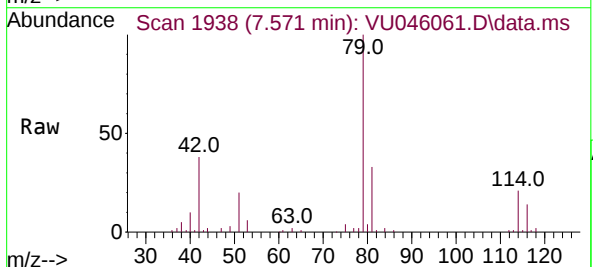
Acq: 02 Dec 2021 18:34

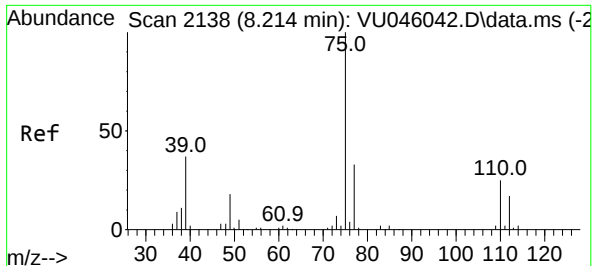
Tgt Ion: 75 Resp: 2686

Ion Ratio Lower Upper

75 100

77 49.8 21.8 40.6#

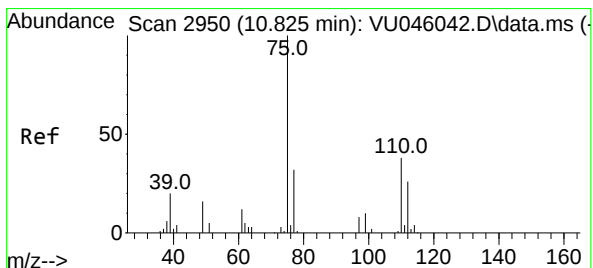
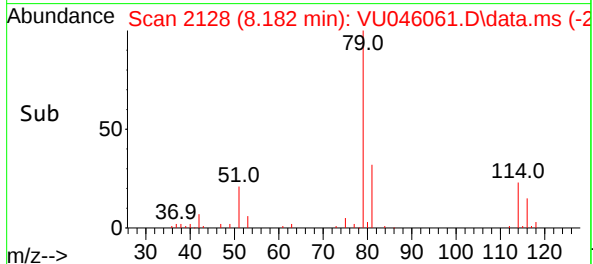
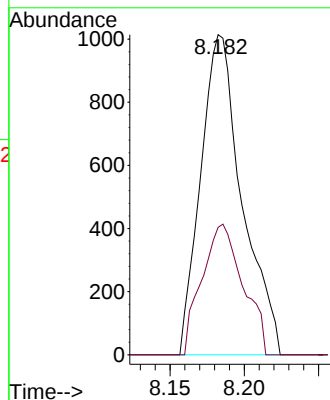
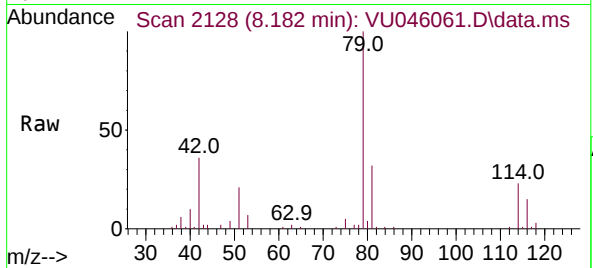




#44
trans-1,3-Dichloropropene
Concen: 0.634 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046061.D
Acq: 02 Dec 2021 18:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1971
Ion Ratio Lower Upper
75 100
77 39.8 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 5.660 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.994 min
Lab File: VU046061.D
Acq: 02 Dec 2021 18:34

Tgt Ion: 75 Resp: 15934
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
110 2.2 32.4 48.6#

