

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046316.D
 Acq On : 13 Dec 2021 15:29
 Operator : SY/MD
 Sample : M5004-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 02:35:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 13 13:51:57 2021
 Response via : Initial Calibration

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

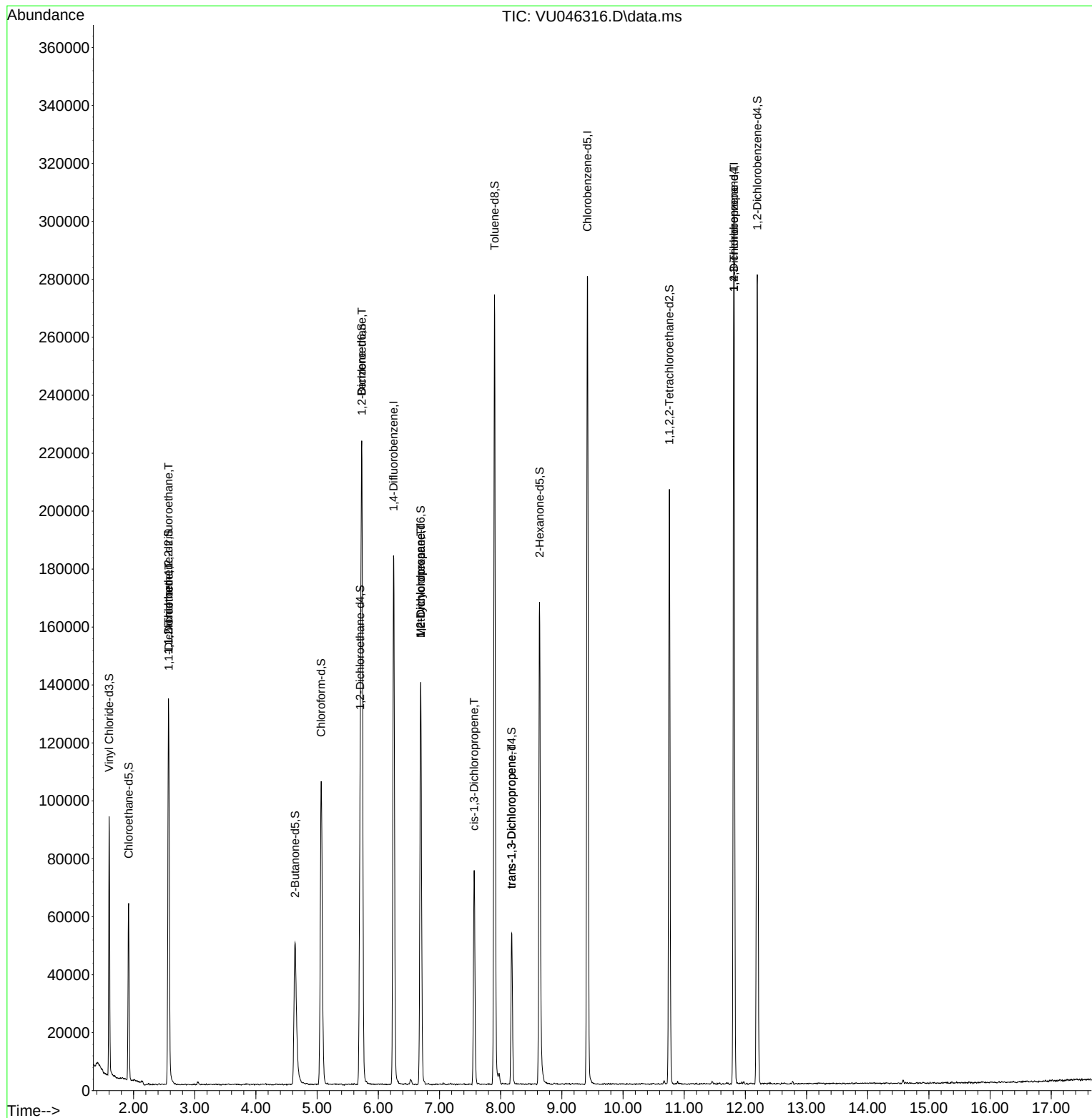
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	149449	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	156989	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77543	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	62430	50.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.420%
7) Chloroethane-d5	1.919	69	43835	46.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.760%
11) 1,1-Dichloroethene-d2	2.572	63	79849	36.130	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.260%
21) 2-Butanone-d5	4.639	46	88728	90.663	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.660%
24) Chloroform-d	5.067	84	98648	47.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.960%
26) 1,2-Dichloroethane-d4	5.703	65	70181	50.867	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.740%
32) Benzene-d6	5.729	84	208953	46.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.880%
36) 1,2-Dichloropropane-d6	6.694	67	64952	46.577	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.160%
41) Toluene-d8	7.899	98	179261	43.756	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.520%
43) trans-1,3-Dichloroprop...	8.179	79	30072	44.672	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.340%
47) 2-Hexanone-d5	8.636	63	61183	92.536	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	99869	47.224	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.440%
66) 1,2-Dichlorobenzene-d4	12.195	152	72122	48.296	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	684	0.629	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	525	0.508	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1162	0.709	ug/L #	73
35) Methylcyclohexane	6.694	83	16140	8.316	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	7153	5.747	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1882	0.994	ug/L #	79
44) trans-1,3-Dichloropropene	8.179	75	1415	0.761	ug/L	89
60) 1,2,3-Trichloropropane	11.812	75	9675	5.692	ug/L #	65

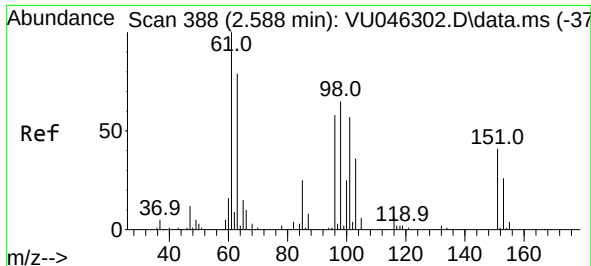
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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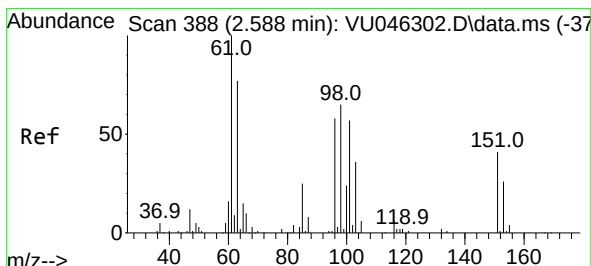
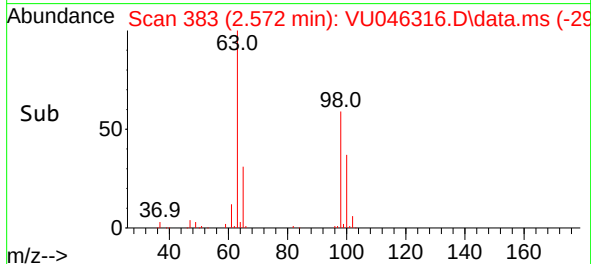
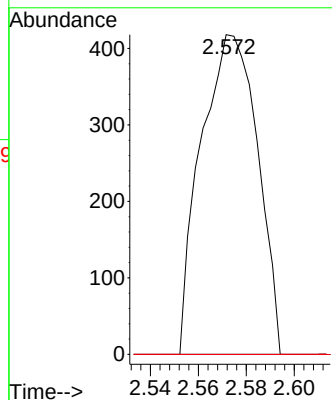
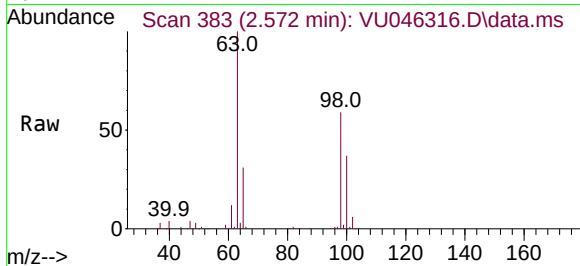




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.629 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046316.D
 Acq: 13 Dec 2021 15:29

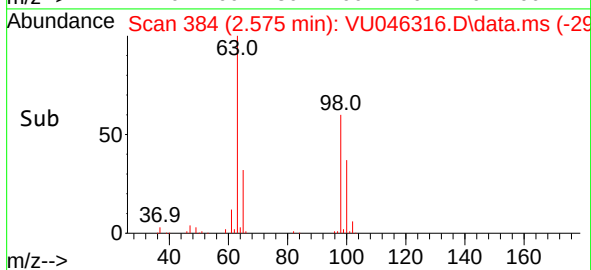
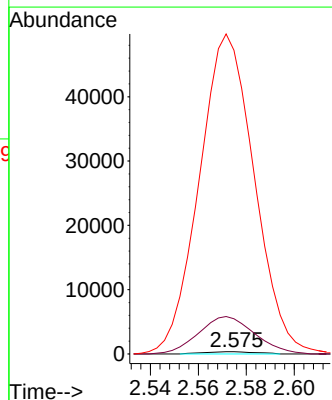
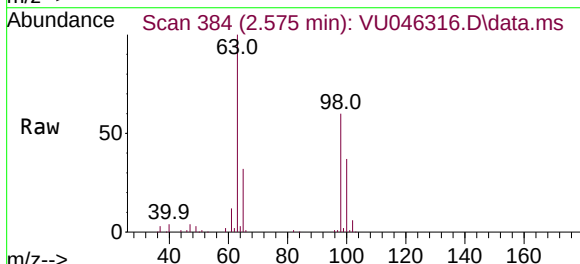
Instrument :
 MSVOA_W
 ClientSampleId :

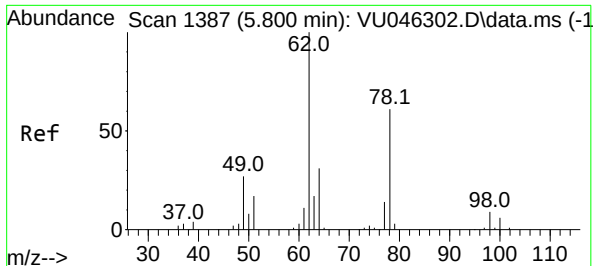
Tgt Ion:101 Resp: 684
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.508 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046316.D
 Acq: 13 Dec 2021 15:29

Tgt Ion: 96 Resp: 525
 Ion Ratio Lower Upper
 96 100
 61 1512.4 118.6 220.2#
 63 13047.5 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.709 ug/L

RT: 5.732 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU046316.D

Acq: 13 Dec 2021 15:29

Instrument :

MSVOA_W

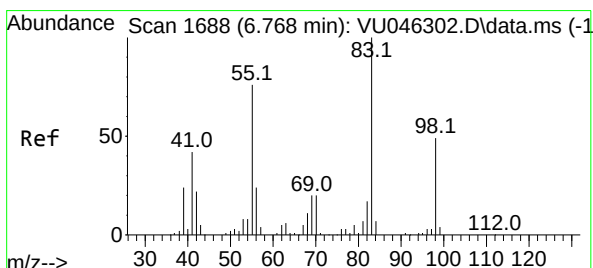
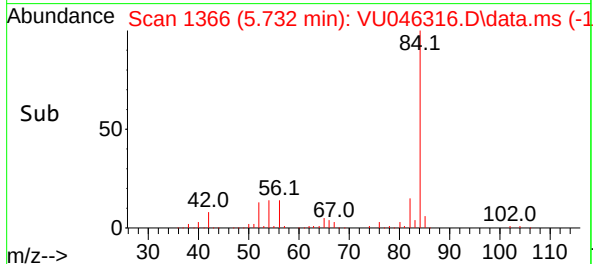
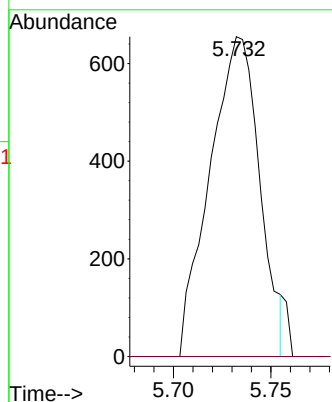
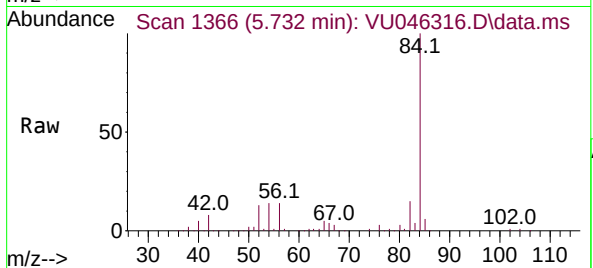
ClientSampleId :

Tgt Ion: 62 Resp: 1162

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 8.316 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046316.D

Acq: 13 Dec 2021 15:29

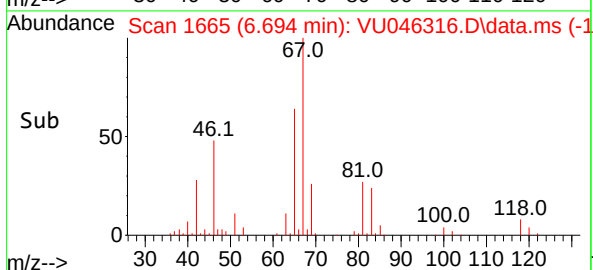
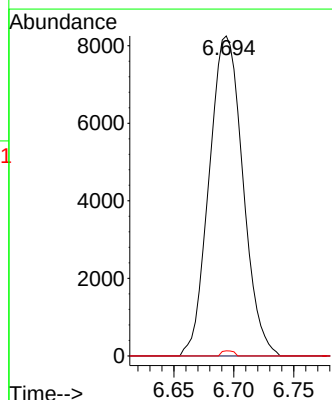
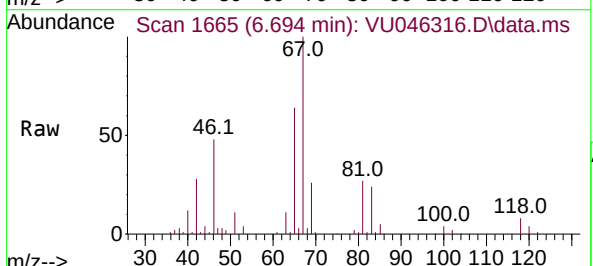
Tgt Ion: 83 Resp: 16140

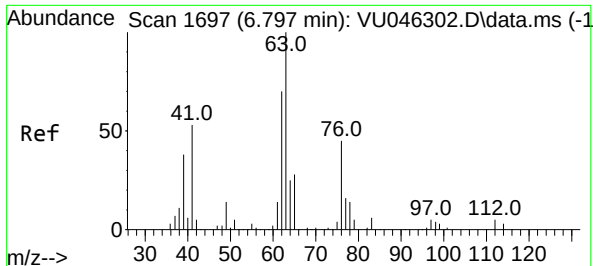
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.6 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.747 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046316.D

Acq: 13 Dec 2021 15:29

Instrument :

MSVOA_W

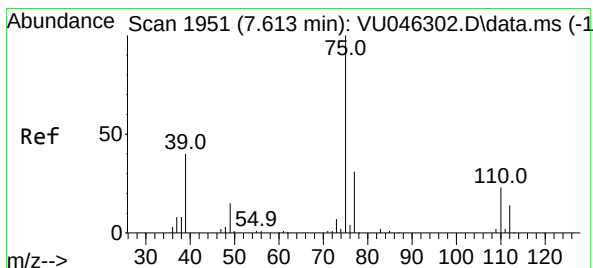
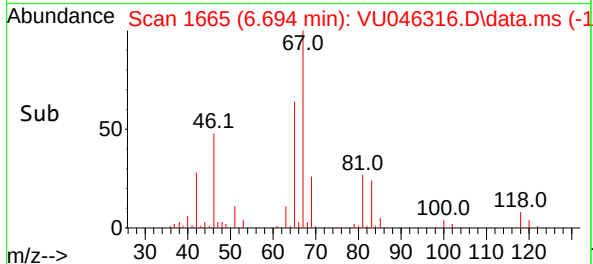
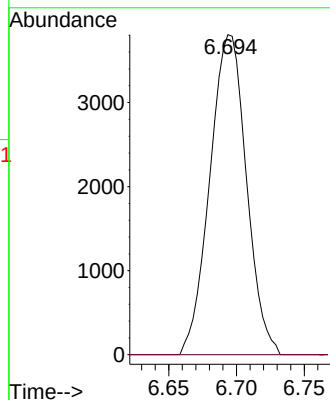
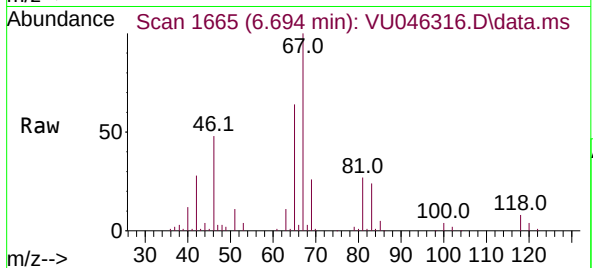
ClientSampleId :

Tgt Ion: 63 Resp: 7153

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.994 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.048 min

Lab File: VU046316.D

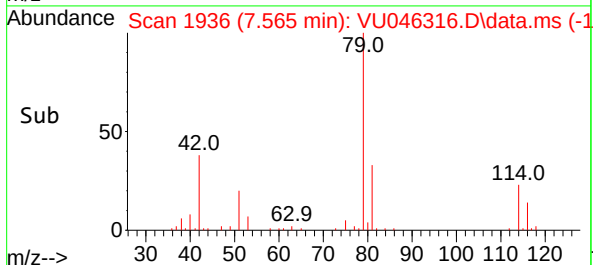
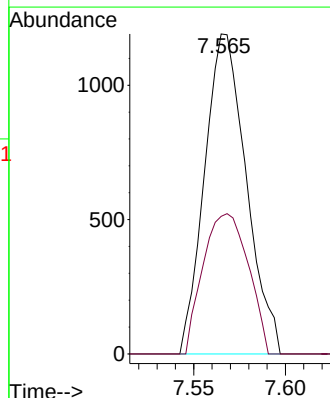
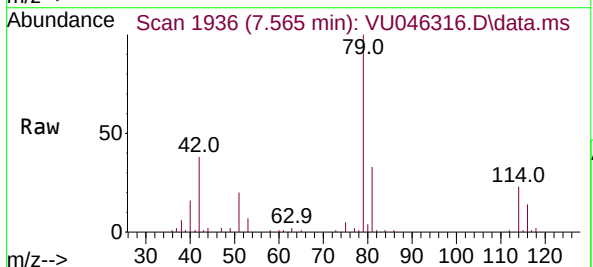
Acq: 13 Dec 2021 15:29

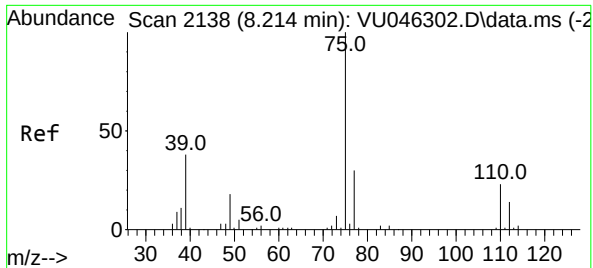
Tgt Ion: 75 Resp: 1882

Ion Ratio Lower Upper

75 100

77 43.0 21.8 40.6#

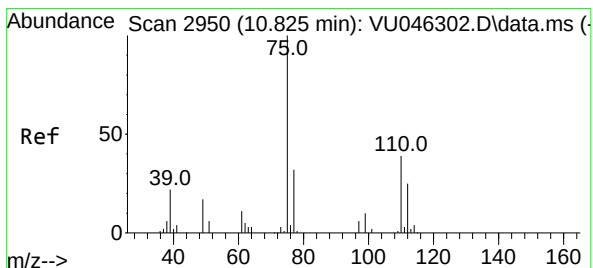
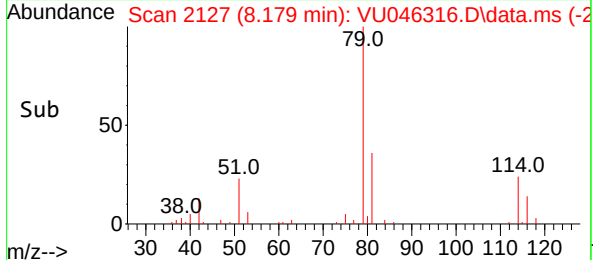
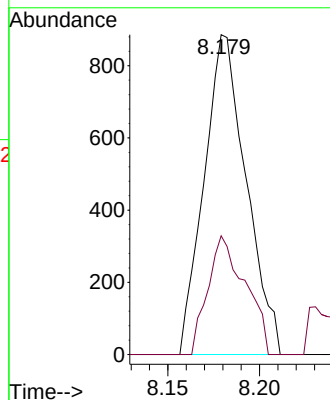
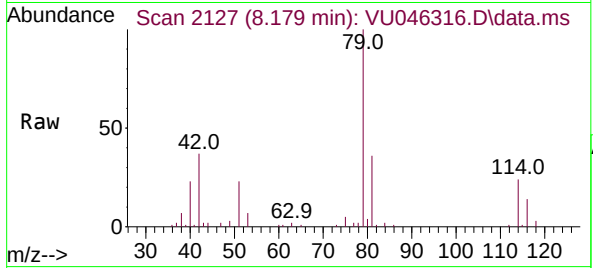




#44
trans-1,3-Dichloropropene
Concen: 0.761 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.035 min
Lab File: VU046316.D
Acq: 13 Dec 2021 15:29

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 1415
Ion Ratio Lower Upper
75 100
77 37.1 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 5.692 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046316.D
Acq: 13 Dec 2021 15:29

Tgt Ion: 75 Resp: 9675
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
110 2.2 32.4 48.6#

