

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046416.D
 Acq On : 16 Dec 2021 13:23
 Operator : SY/MD
 Sample : M5023-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 01:51:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 01:49:40 2021
 Response via : Initial Calibration

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

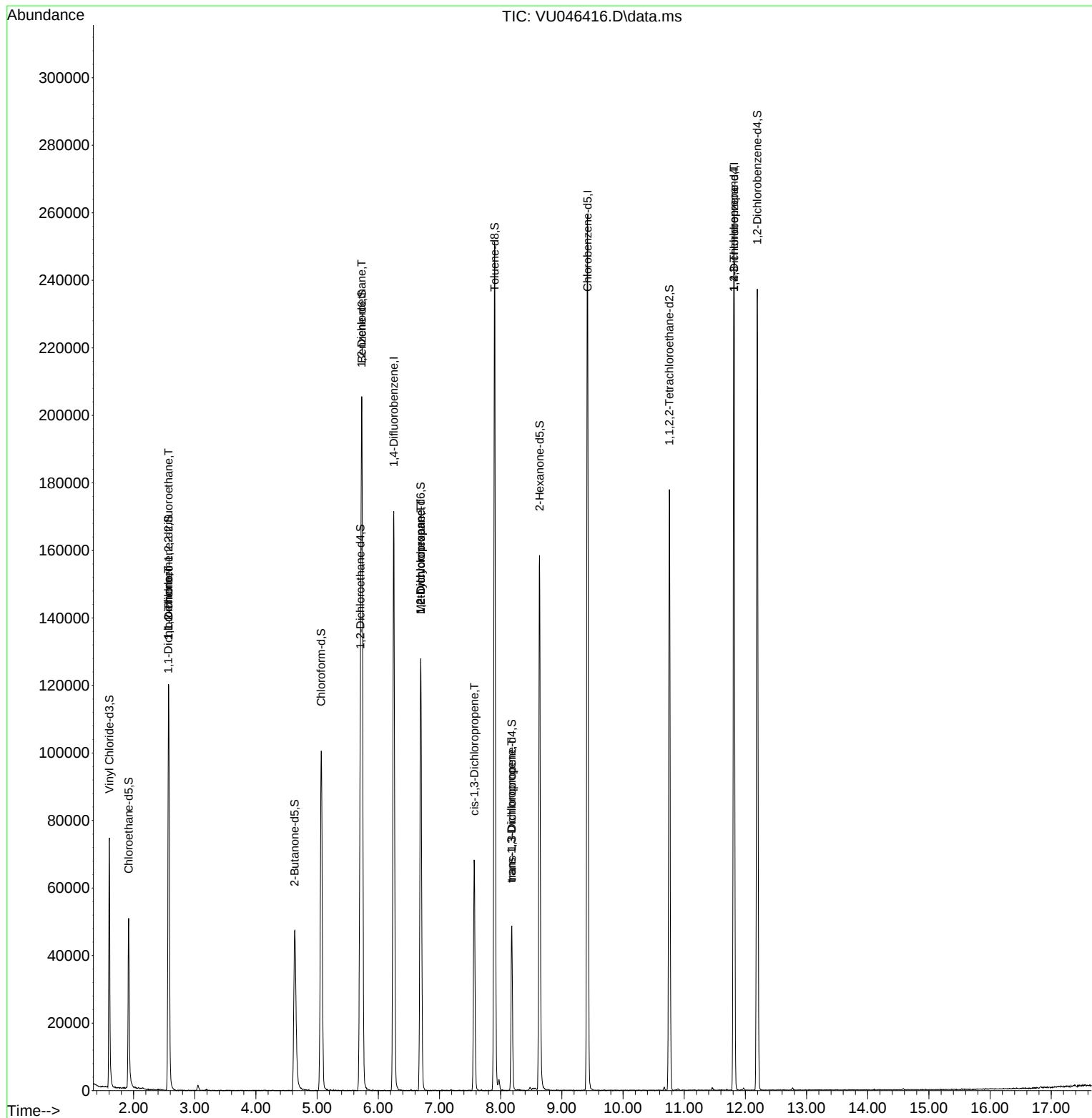
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	137917	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	141836	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	67964	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	57092	50.253	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	100.500%	
7) Chloroethane-d5	1.919	69	40900	46.889	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	93.780%	
11) 1,1-Dichloroethene-d2	2.571	63	72911	35.750	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	71.500%	
21) 2-Butanone-d5	4.632	46	76643	84.863	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	84.860%	
24) Chloroform-d	5.067	84	96739	50.990	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.980%	
26) 1,2-Dichloroethane-d4	5.706	65	64440	50.611	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.220%	
32) Benzene-d6	5.732	84	191866	47.196	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.400%	
36) 1,2-Dichloropropane-d6	6.693	67	60492	48.013	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	96.020%	
41) Toluene-d8	7.899	98	165462	44.702	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.400%	
43) trans-1,3-Dichloroprop...	8.182	79	28165	46.309	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.620%	
47) 2-Hexanone-d5	8.636	63	56588	94.730	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	94.730%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	86308	45.171	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.340%	
66) 1,2-Dichlorobenzene-d4	12.195	152	61757	47.184	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.360%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	606	0.604	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	487	0.511	ug/L #	1
27) 1,2-Dichloroethane	5.726	62	1155	0.763	ug/L #	73
35) Methylcyclohexane	6.693	83	14604	8.328	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6677	5.938	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1676	0.980	ug/L #	74
44) trans-1,3-Dichloropropene	8.179	75	1229	0.731	ug/L #	79
60) 1,2,3-Trichloropropane	11.812	75	7896	5.300	ug/L #	65

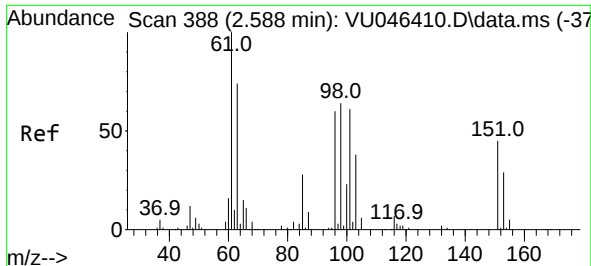
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 17 01:49:40 2021
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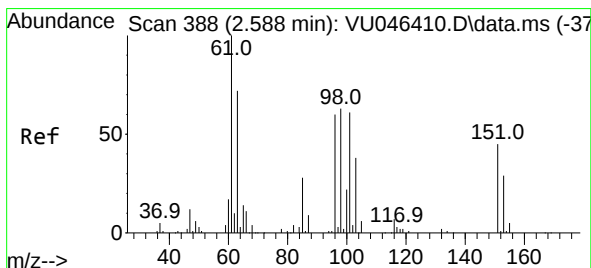
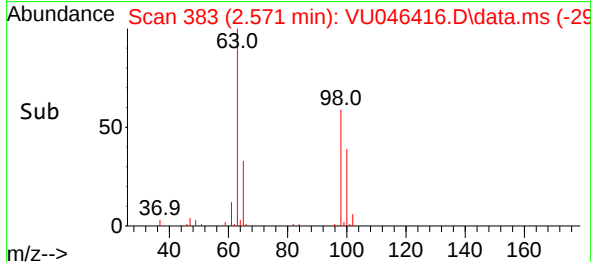
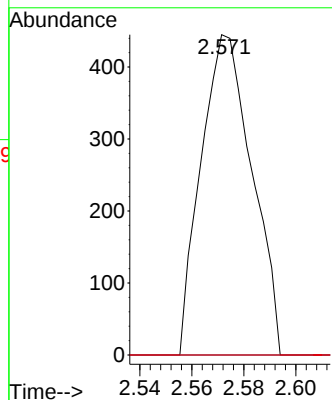
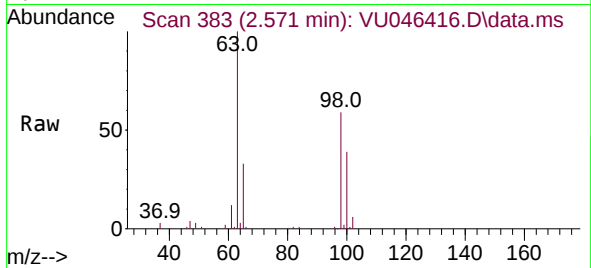




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.604 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046416.D
Acq: 16 Dec 2021 13:23

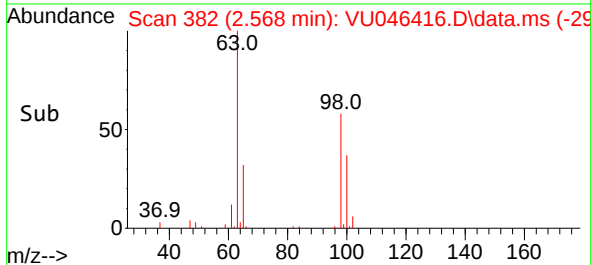
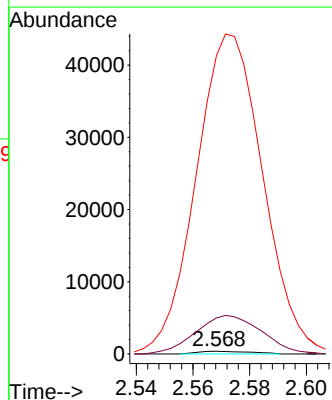
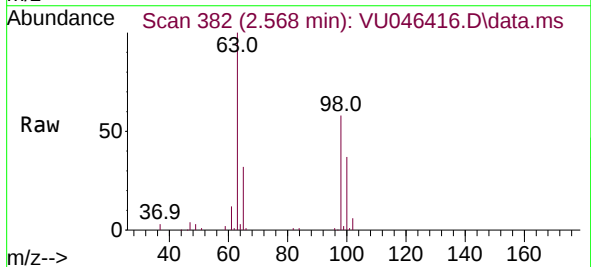
Instrument :
MSVOA_U
ClientSampleId :

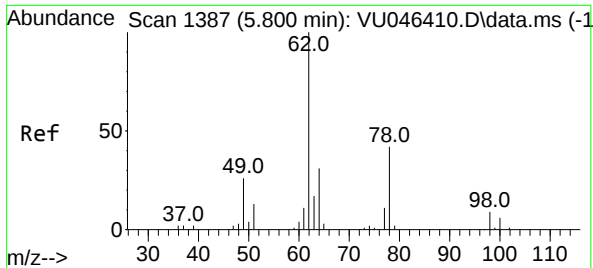
Tgt Ion:101 Resp: 606
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.511 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU046416.D
Acq: 16 Dec 2021 13:23

Tgt Ion: 96 Resp: 487
Ion Ratio Lower Upper
96 100
61 1327.4 118.6 220.2#
63 10974.5 93.0 172.8#

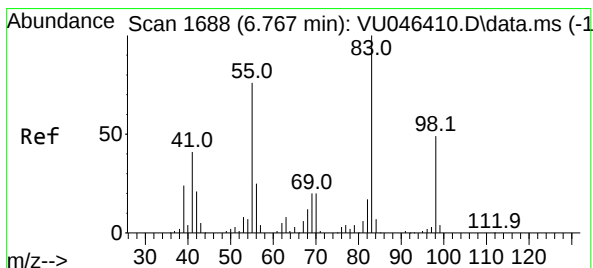
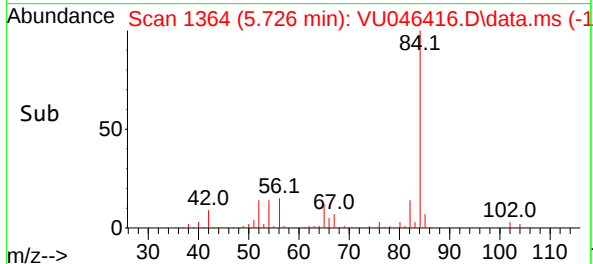
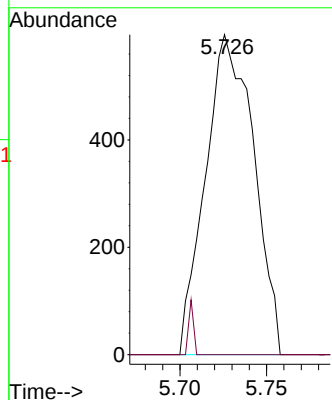
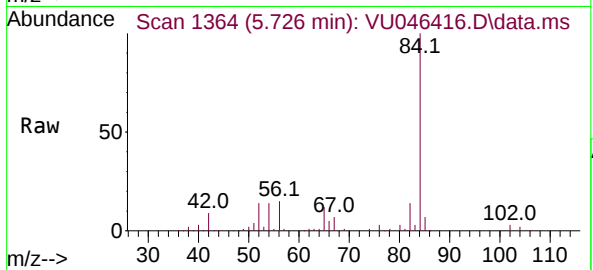




#27
1,2-Dichloroethane
Concen: 0.763 ug/L
RT: 5.726 min Scan# 11
Delta R.T. -0.074 min
Lab File: VU046416.D
Acq: 16 Dec 2021 13:23

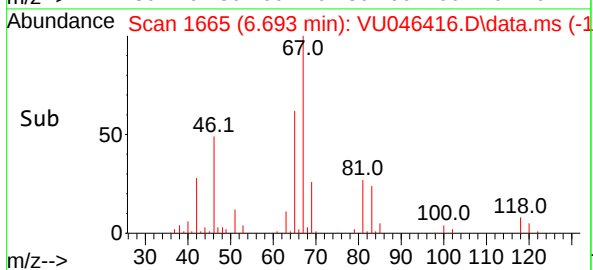
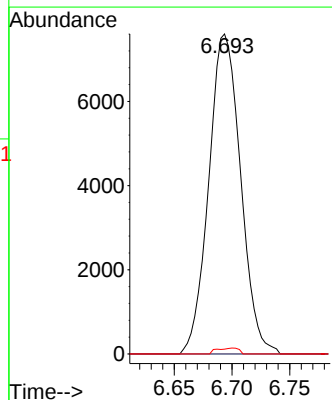
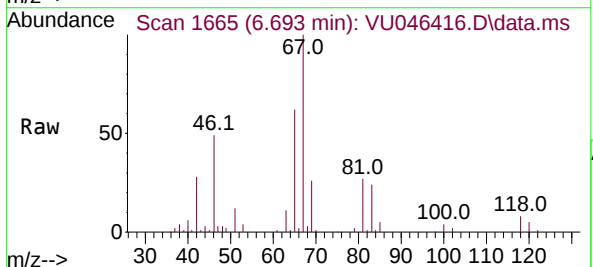
Instrument :
MSVOA_U
ClientSampleId :

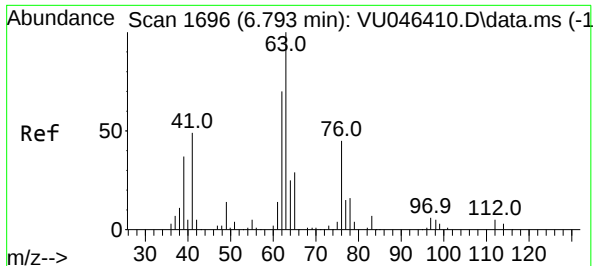
Tgt Ion: 62 Resp: 1155
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#35
Methylcyclohexane
Concen: 8.328 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046416.D
Acq: 16 Dec 2021 13:23

Tgt Ion: 83 Resp: 14604
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.4 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.938 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046416.D

Acq: 16 Dec 2021 13:23

Instrument :

MSVOA_U

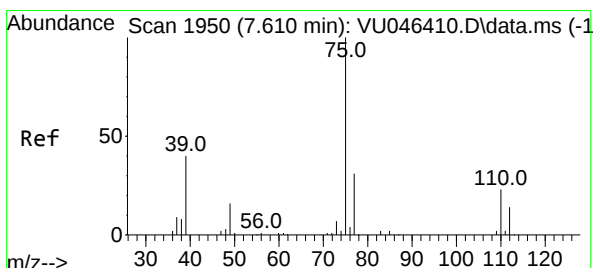
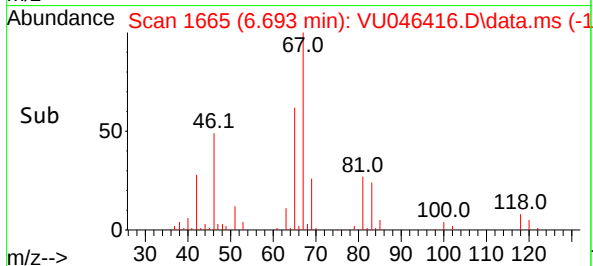
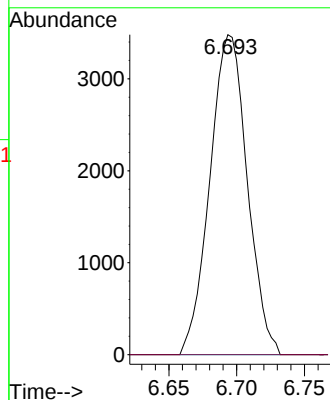
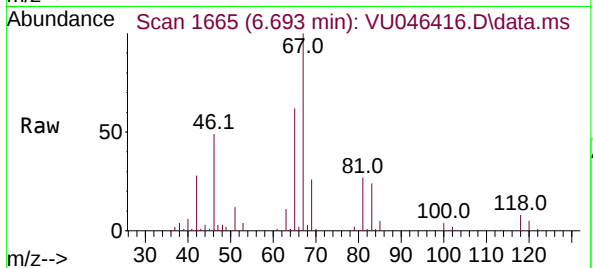
ClientSampleId :

Tgt Ion: 63 Resp: 6677

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.980 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046416.D

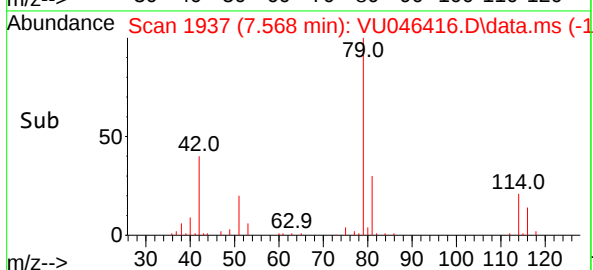
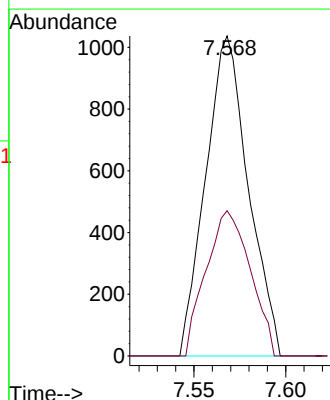
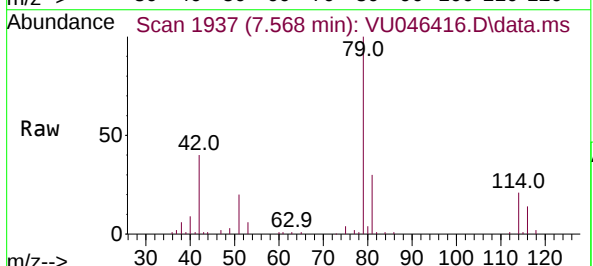
Acq: 16 Dec 2021 13:23

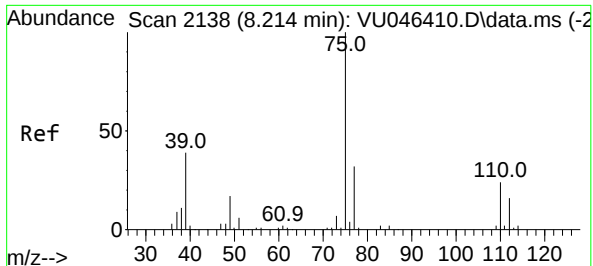
Tgt Ion: 75 Resp: 1676

Ion Ratio Lower Upper

75 100

77 45.4 21.8 40.6#

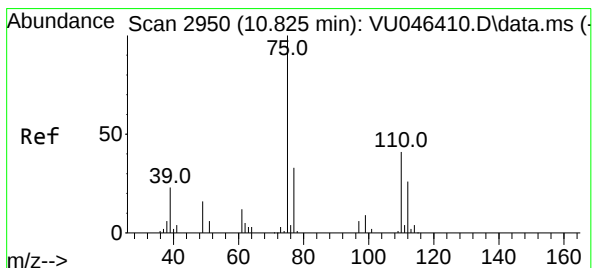
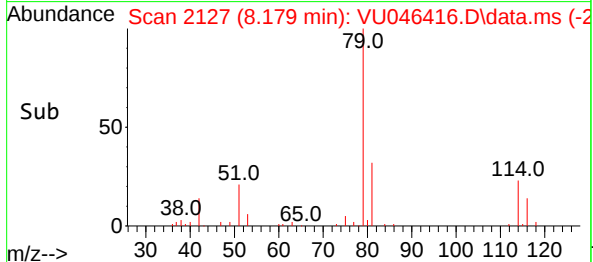
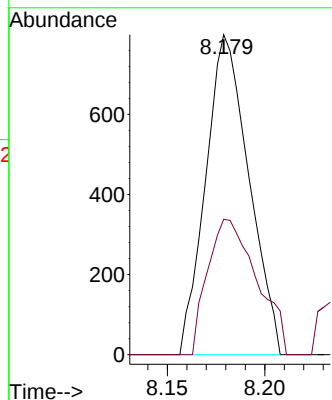
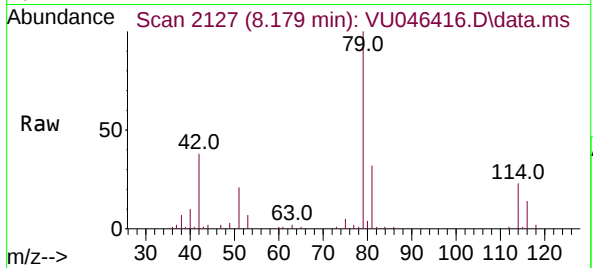




#44
 trans-1,3-Dichloropropene
 Concen: 0.731 ug/L
 RT: 8.179 min Scan# 2138
 Delta R.T. -0.035 min
 Lab File: VU046416.D
 Acq: 16 Dec 2021 13:23

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 1229
 Ion Ratio Lower Upper
 75 100
 77 42.3 21.7 40.3#



#60
 1,2,3-Trichloropropane
 Concen: 5.300 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU046416.D
 Acq: 16 Dec 2021 13:23

Tgt Ion: 75 Resp: 7896
 Ion Ratio Lower Upper
 75 100
 77 35.0 26.4 39.6
 110 2.5 32.4 48.6#

