

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046480.D
 Acq On : 17 Dec 2021 18:19
 Operator : SY/MD
 Sample : M5153-02 10X
 Misc : 6.24g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 23:31:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

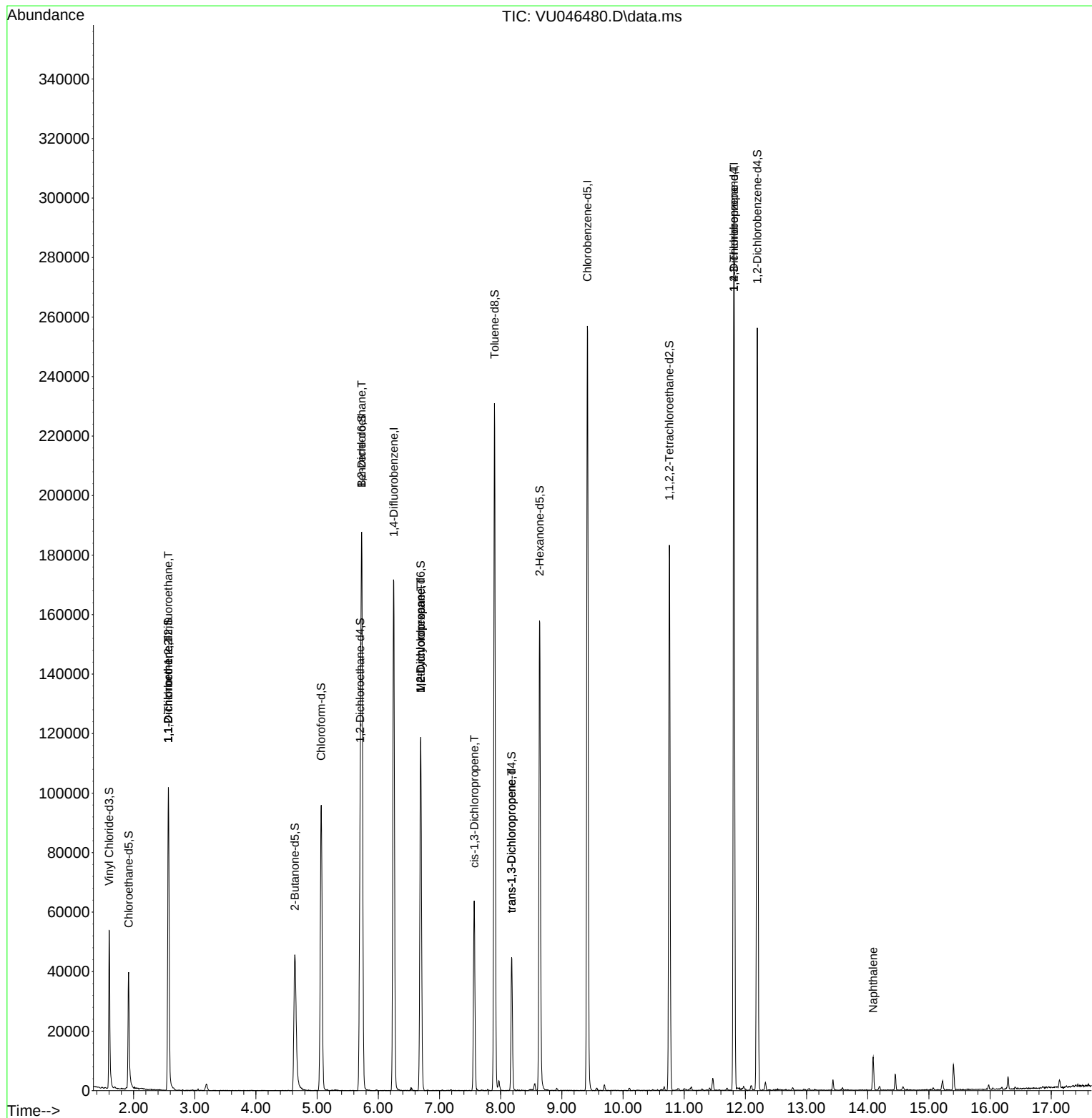
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	138715	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	140678	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76458	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	43667	38.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.440%
7) Chloroethane-d5	1.919	69	33186	37.826	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.660%
11) 1,1-Dichloroethene-d2	2.568	63	61171	29.821	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.640%#
21) 2-Butanone-d5	4.636	46	75563	83.186	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.190%
24) Chloroform-d	5.067	84	90010	47.170	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.340%
26) 1,2-Dichloroethane-d4	5.703	65	61662	48.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.300%
32) Benzene-d6	5.729	84	172525	42.788	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.580%
36) 1,2-Dichloropropane-d6	6.694	67	54037	43.243	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.480%
41) Toluene-d8	7.899	98	148819	40.537	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.080%
43) trans-1,3-Dichloroprop...	8.179	79	25888	42.916	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.840%
47) 2-Hexanone-d5	8.636	63	56699	95.697	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	86096	45.431	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.860%
66) 1,2-Dichlorobenzene-d4	12.195	152	63364	43.033	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.060%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	440	0.436	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	352	0.367	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	907	0.596	ug/L #	73
35) Methylcyclohexane	6.694	83	13906	7.996	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6275	5.626	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1593	0.939	ug/L #	58
44) trans-1,3-Dichloropropene	8.179	75	1078	0.647	ug/L #	67
60) 1,2,3-Trichloropropane	11.812	75	9223	5.503	ug/L #	66
71) Naphthalene	14.089	128	9169	1.725	ug/L	98

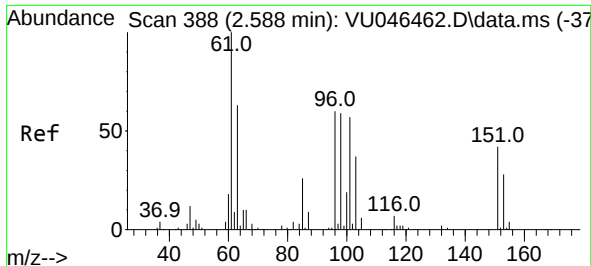
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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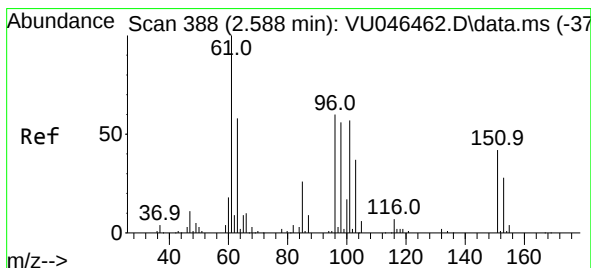
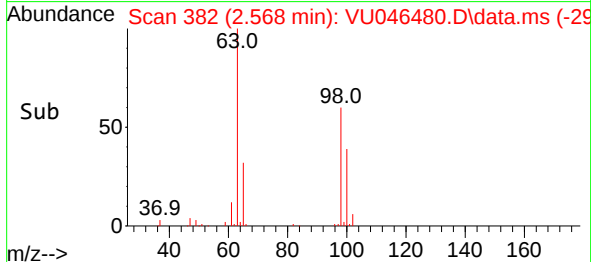
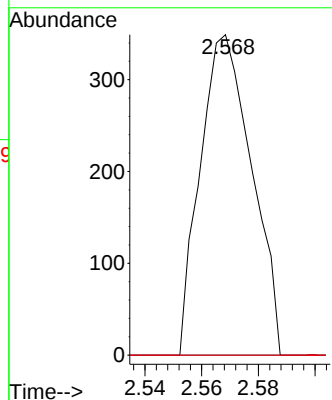
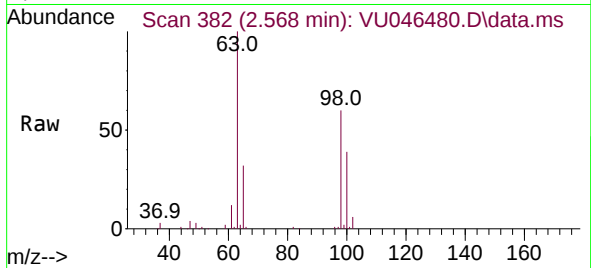




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.436 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU046480.D
 Acq: 17 Dec 2021 18:19

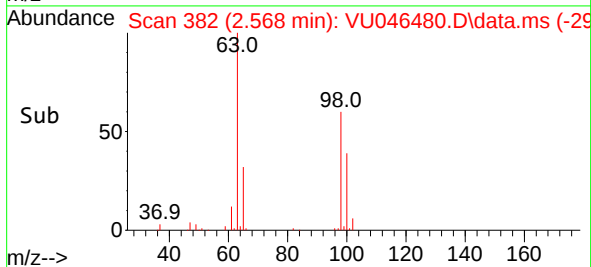
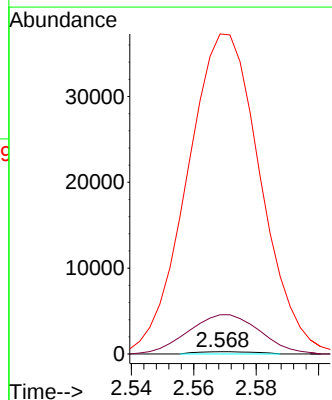
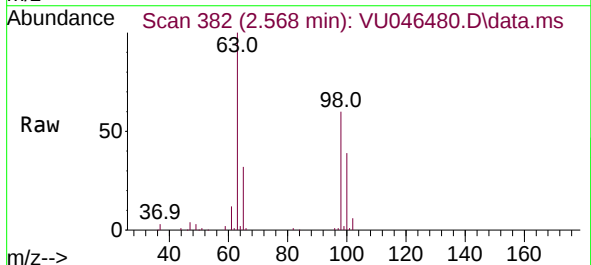
Instrument :
 MSVOA_U
 ClientSampleId :

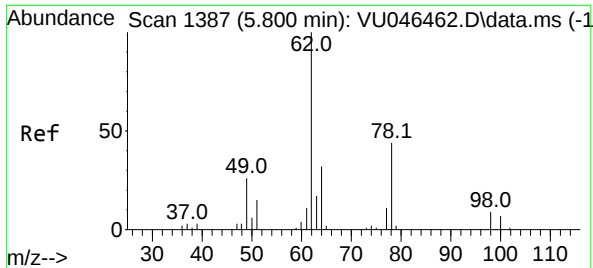
Tgt Ion:101 Resp: 440
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.367 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU046480.D
 Acq: 17 Dec 2021 18:19

Tgt Ion: 96 Resp: 352
 Ion Ratio Lower Upper
 96 100
 61 1729.9 118.6 220.2#
 63 14124.2 93.0 172.8#

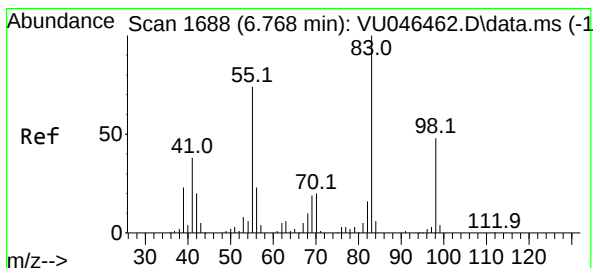
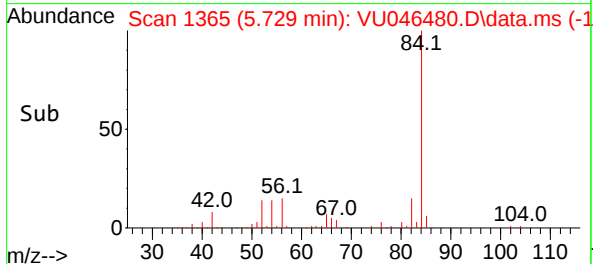
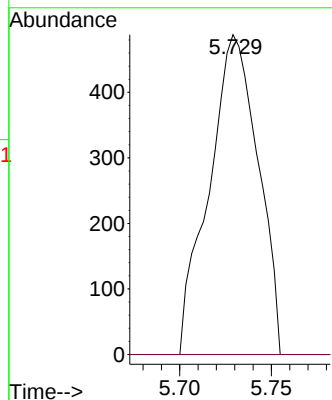
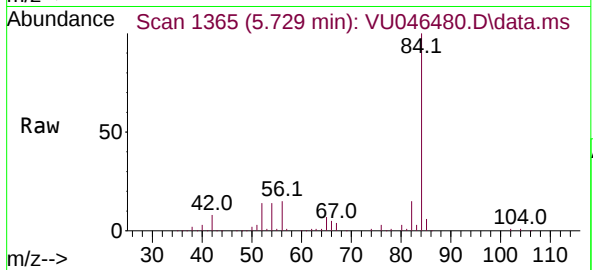




#27
1,2-Dichloroethane
Concen: 0.596 ug/L
RT: 5.729 min Scan# 11
Delta R.T. -0.067 min
Lab File: VU046480.D
Acq: 17 Dec 2021 18:19

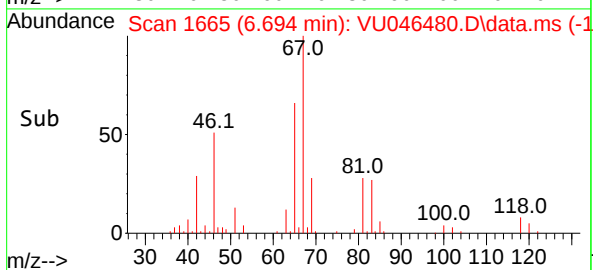
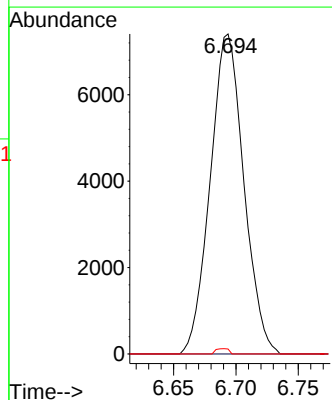
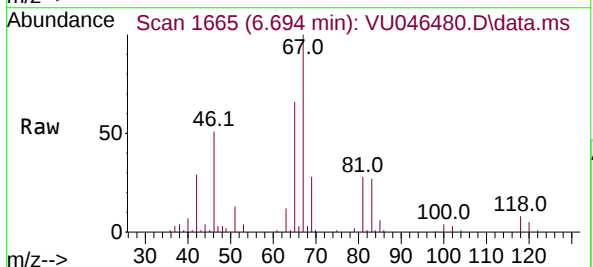
Instrument :
MSVOA_U
ClientSampleId :

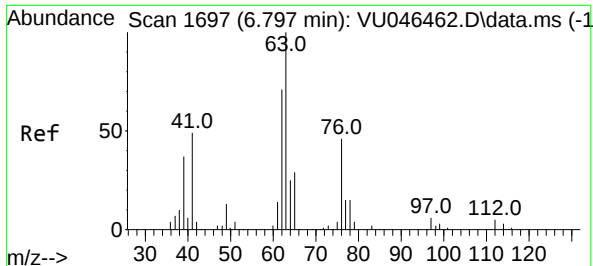
Tgt Ion: 62 Resp: 907
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#35
Methylcyclohexane
Concen: 7.996 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046480.D
Acq: 17 Dec 2021 18:19

Tgt Ion: 83 Resp: 13906
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: 5.626 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046480.D

Acq: 17 Dec 2021 18:19

Instrument :

MSVOA_U

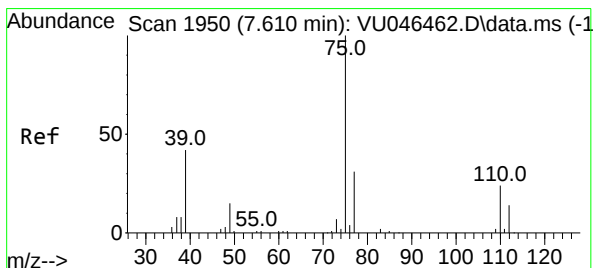
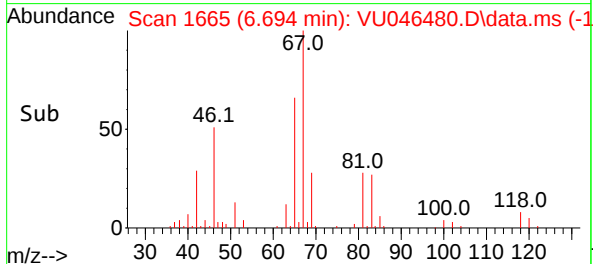
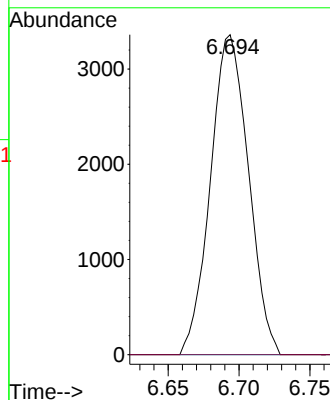
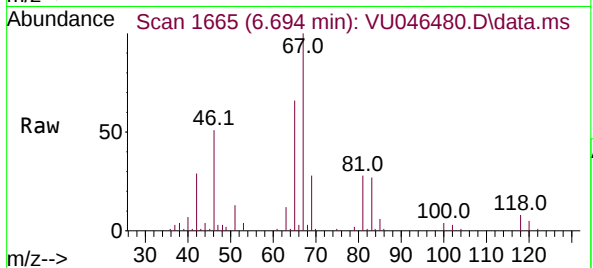
ClientSampleId :

Tgt Ion: 63 Resp: 6275

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.939 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.038 min

Lab File: VU046480.D

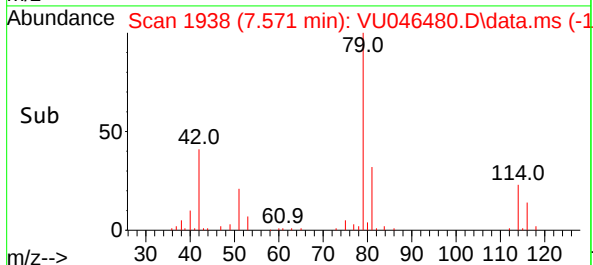
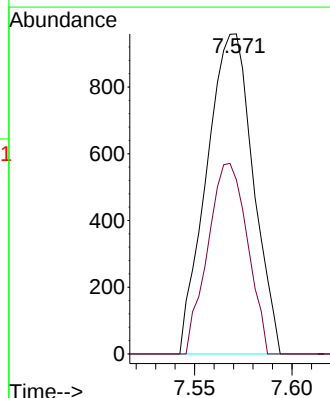
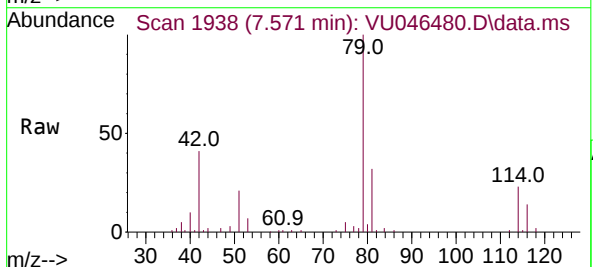
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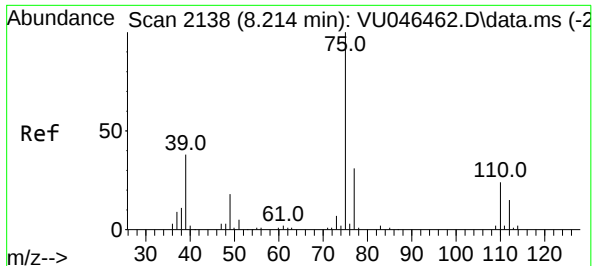
Tgt Ion: 75 Resp: 1593

Ion Ratio Lower Upper

75 100

77 54.4 21.8 40.6#

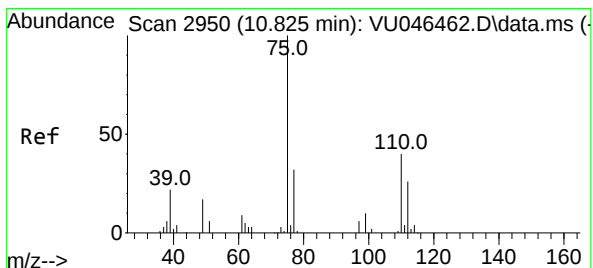
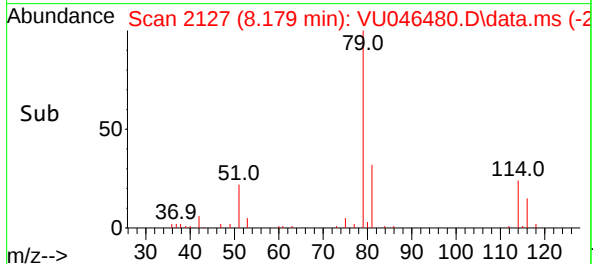
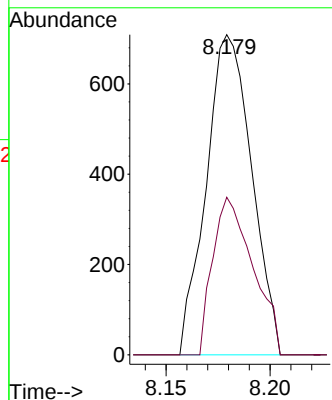
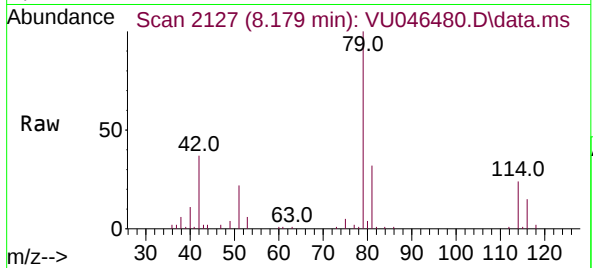




#44
trans-1,3-Dichloropropene
Concen: 0.647 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046480.D
Acq: 17 Dec 2021 18:19

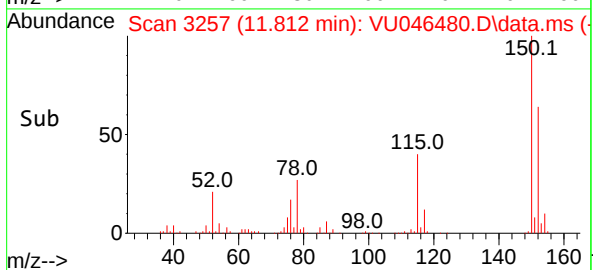
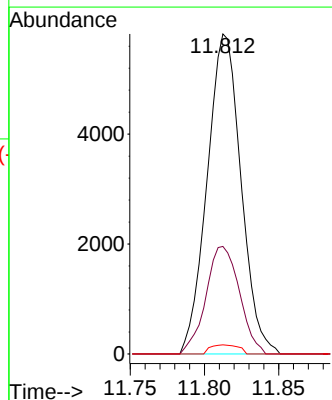
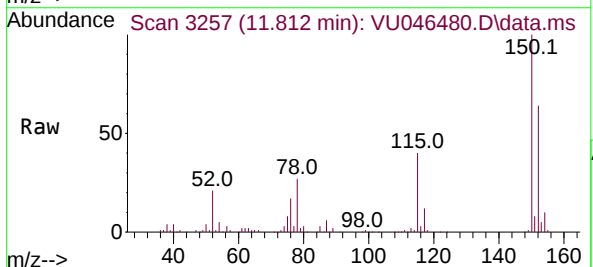
Instrument :
MSVOA_U
ClientSampleId :

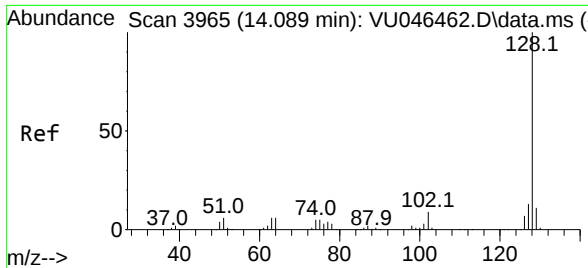
Tgt Ion: 75 Resp: 1078
Ion Ratio Lower Upper
75 100
77 49.2 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.503 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046480.D
Acq: 17 Dec 2021 18:19

Tgt Ion: 75 Resp: 9223
Ion Ratio Lower Upper
75 100
77 33.3 26.4 39.6
110 2.4 32.4 48.6#





#71

Naphthalene

Concen: 1.725 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

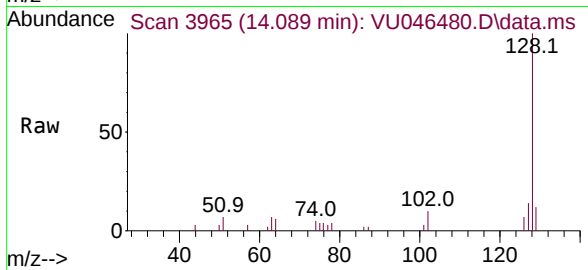
Lab File: VU046480.D

Acq: 17 Dec 2021 18:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 9169

Ion Ratio Lower Upper

128 100

127 13.8 10.1 15.1

129 10.5 8.6 13.0

