

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046447.D
 Acq On : 17 Dec 2021 01:55
 Operator : SY/MD
 Sample : M5121-01 20X
 Misc : 4.41g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 04:07:10 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)

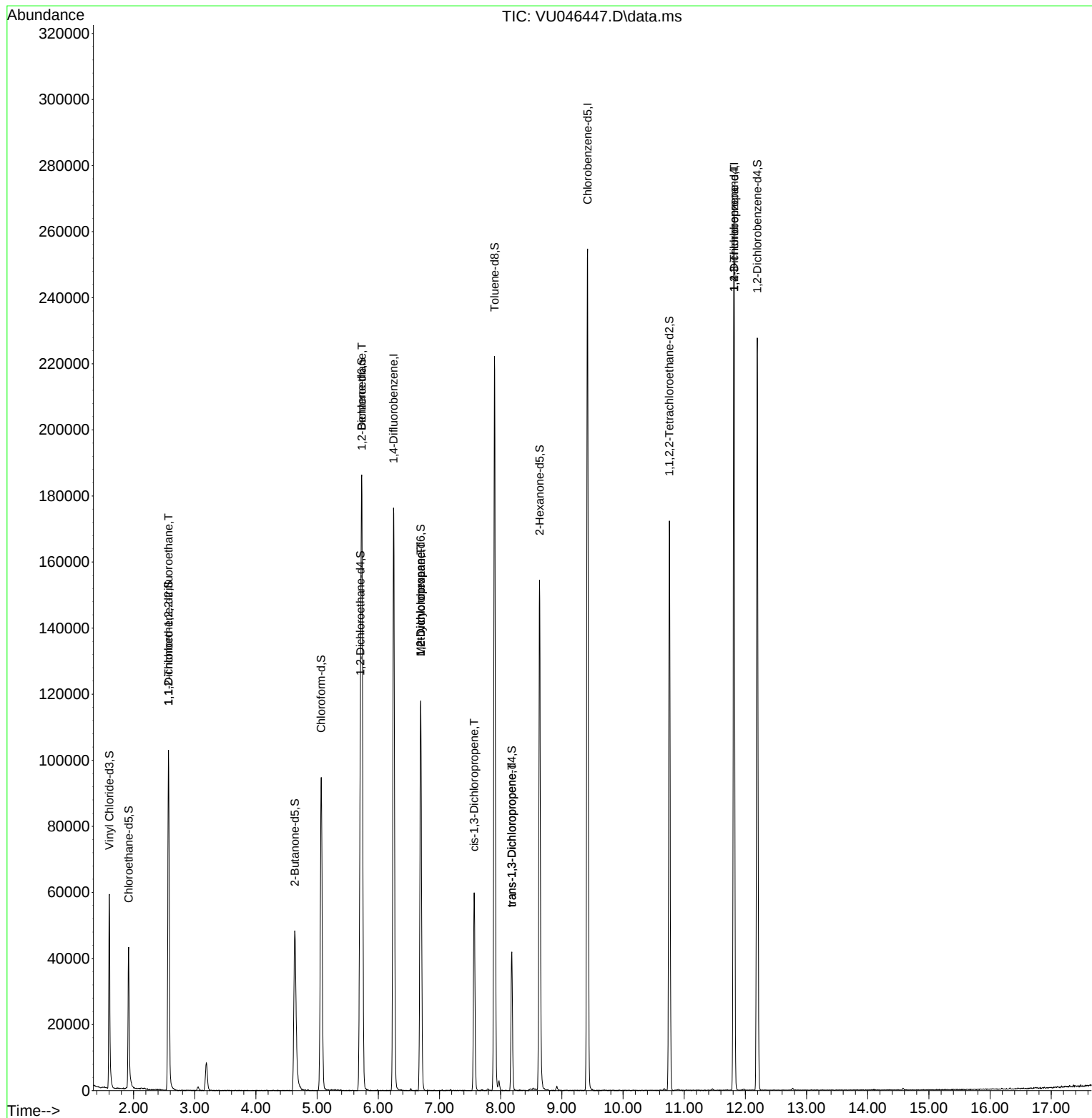
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	140479	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	140546	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	69270	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	48058	41.530	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.060%
7) Chloroethane-d5	1.919	69	35227	39.648	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.300%
11) 1,1-Dichloroethene-d2	2.572	63	62082	29.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.760%#
21) 2-Butanone-d5	4.636	46	72162	78.444	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.440%
24) Chloroform-d	5.067	84	88082	45.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.160%
26) 1,2-Dichloroethane-d4	5.706	65	60929	46.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.960%
32) Benzene-d6	5.729	84	172973	42.940	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.880%
36) 1,2-Dichloropropane-d6	6.694	67	54200	43.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.820%
41) Toluene-d8	7.899	98	145715	39.729	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.460%#
43) trans-1,3-Dichloroprop...	8.182	79	24598	40.816	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.640%
47) 2-Hexanone-d5	8.636	63	55404	93.599	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.600%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	82297	43.467	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.940%
66) 1,2-Dichlorobenzene-d4	12.195	152	58805	44.081	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.160%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	494	0.483	ug/L #	21
27) 1,2-Dichloroethane	5.732	62	847	0.550	ug/L #	73
35) Methylcyclohexane	6.694	83	13526	7.784	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6026	5.408	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1440	0.849	ug/L #	73
44) trans-1,3-Dichloropropene	8.182	75	1088	0.653	ug/L	92
60) 1,2,3-Trichloropropane	11.816	75	8463	5.573	ug/L #	65

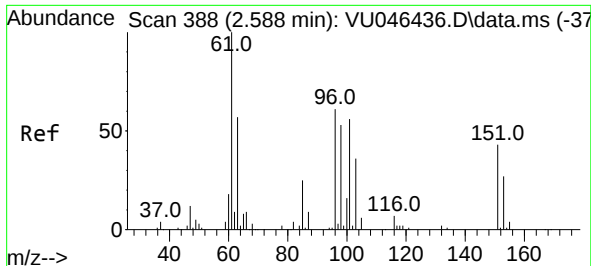
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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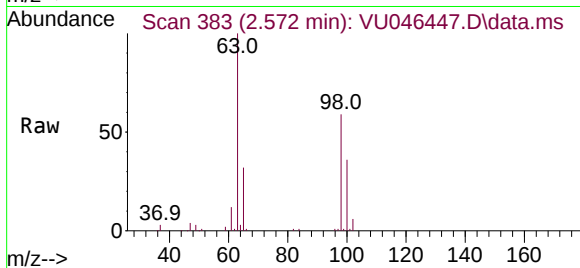
Quant Time: Dec 17 04:07:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
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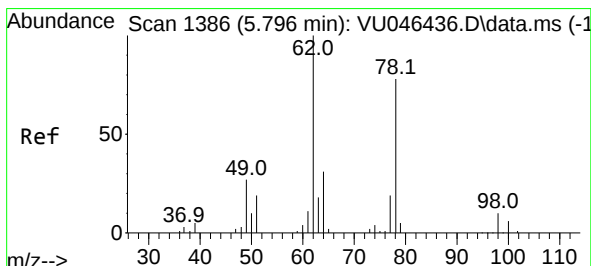
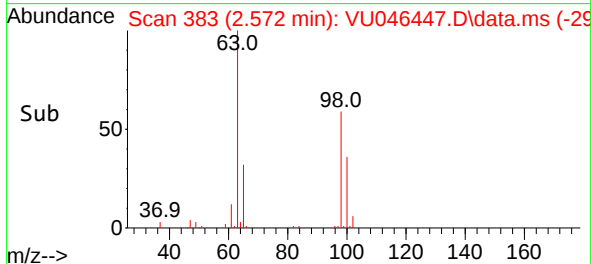
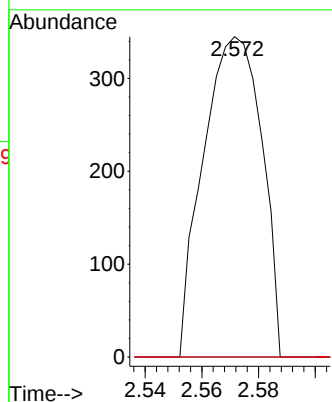


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.483 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046447.D
 Acq: 17 Dec 2021 01:55

Instrument :
 MSVOA_U
 ClientSampleId :

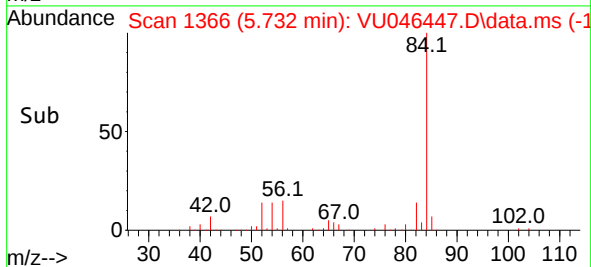
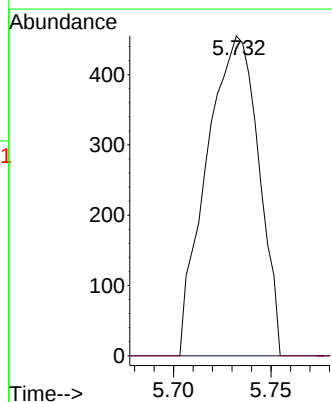
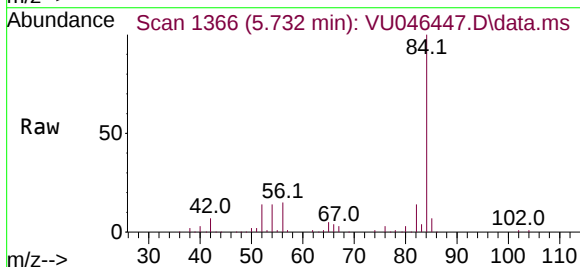


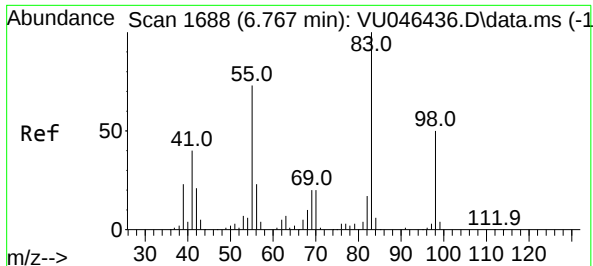
Tgt Ion:101 Resp: 494
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#27
 1,2-Dichloroethane
 Concen: 0.550 ug/L
 RT: 5.732 min Scan# 1366
 Delta R.T. -0.064 min
 Lab File: VU046447.D
 Acq: 17 Dec 2021 01:55

Tgt Ion: 62 Resp: 847
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.9 11.9#

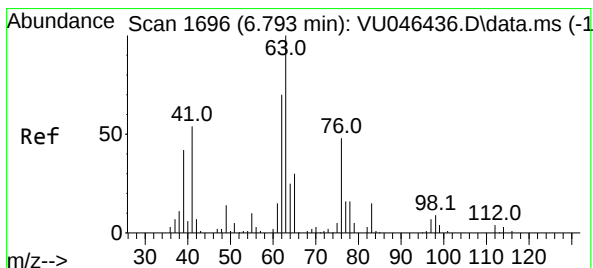
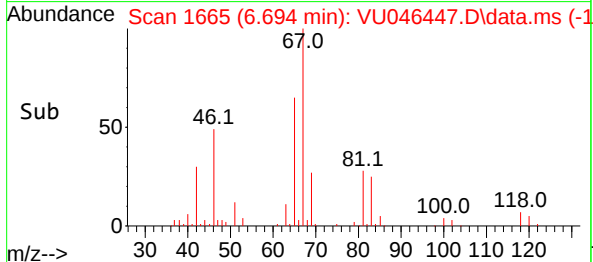
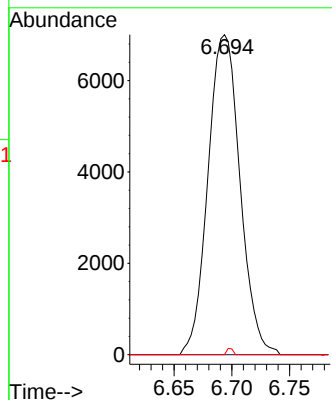
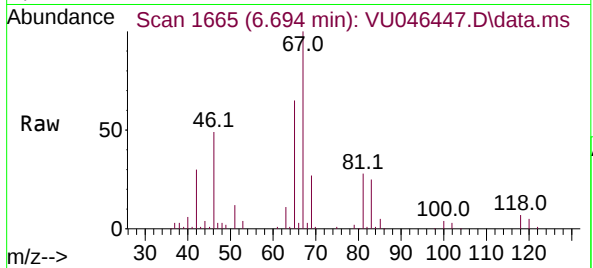




#35
Methylcyclohexane
Concen: 7.784 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046447.D
Acq: 17 Dec 2021 01:55

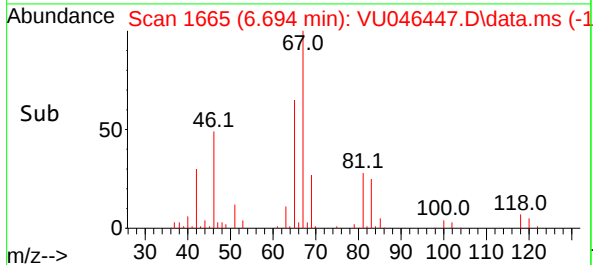
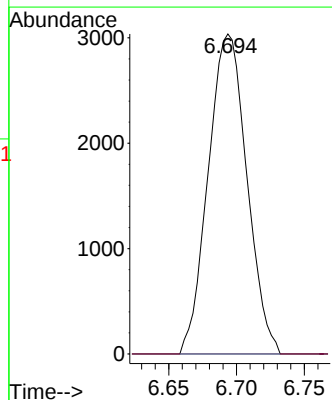
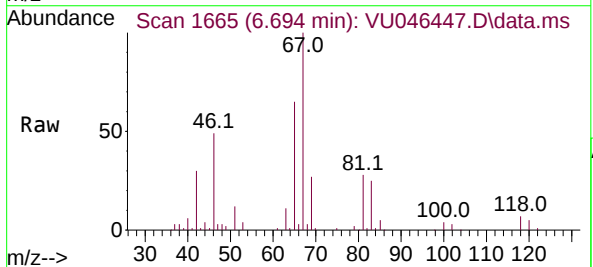
Instrument :
MSVOA_U
ClientSampleId :

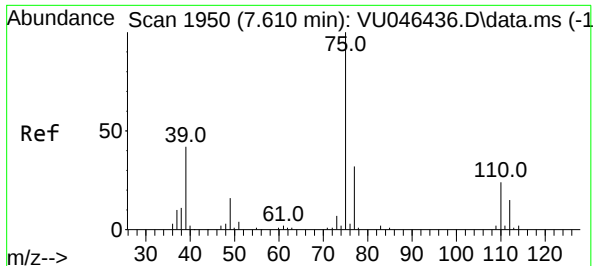
Tgt Ion: 83 Resp: 13526
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.4 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 5.408 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046447.D
Acq: 17 Dec 2021 01:55

Tgt Ion: 63 Resp: 6026
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.849 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU046447.D

Acq: 17 Dec 2021 01:55

Instrument :

MSVOA_U

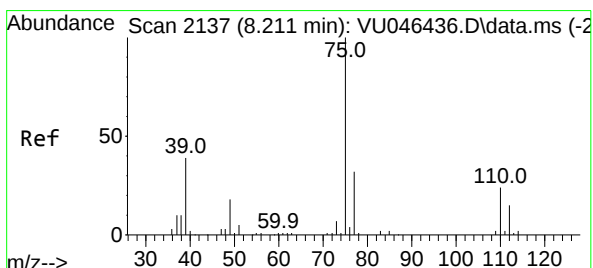
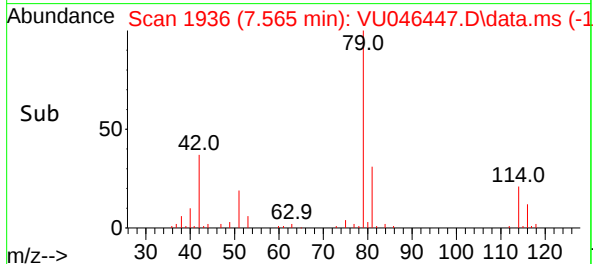
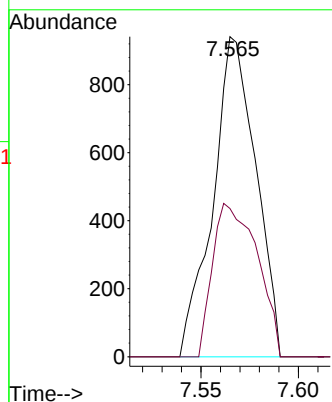
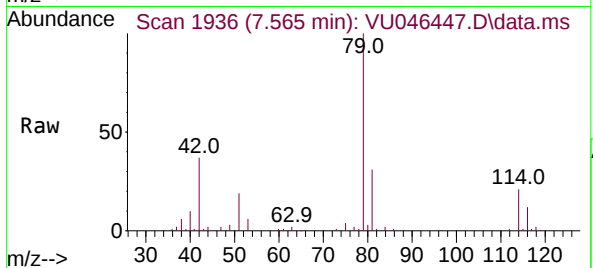
ClientSampleId :

Tgt Ion: 75 Resp: 1440

Ion Ratio Lower Upper

75 100

77 46.3 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.653 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU046447.D

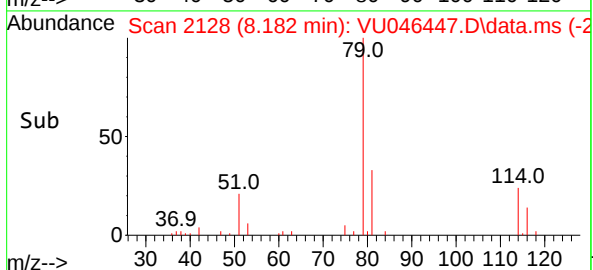
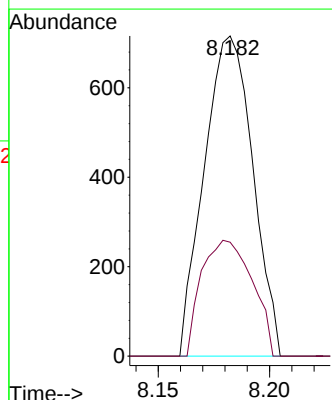
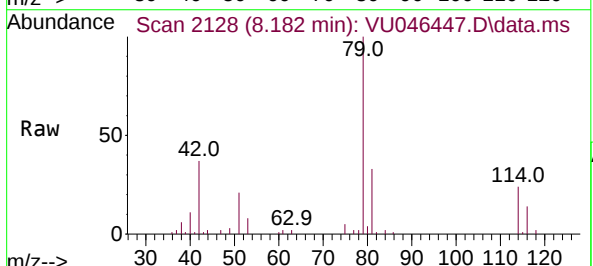
Acq: 17 Dec 2021 01:55

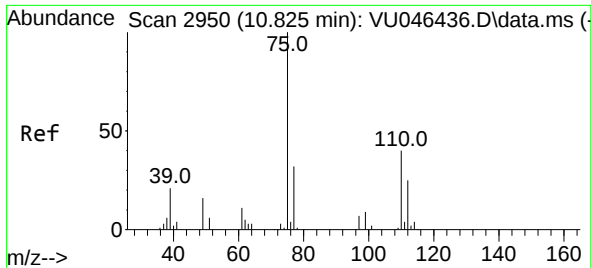
Tgt Ion: 75 Resp: 1088

Ion Ratio Lower Upper

75 100

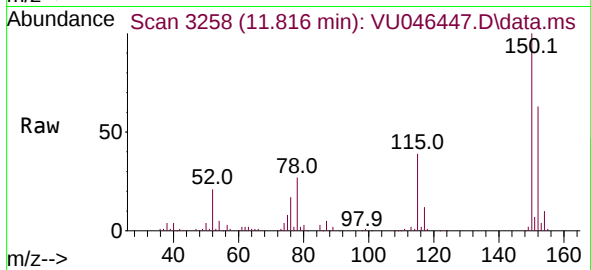
77 35.6 21.7 40.3





#60
 1,2,3-Trichloropropane
 Concen: 5.573 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046447.D
 Acq: 17 Dec 2021 01:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8463
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.4 39.6
 110 1.9 32.4 48.6#

