

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046214.D
 Acq On : 09 Dec 2021 12:56
 Operator : SY/MD
 Sample : M4887-21ME
 Misc : 4.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 03:44:03 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)

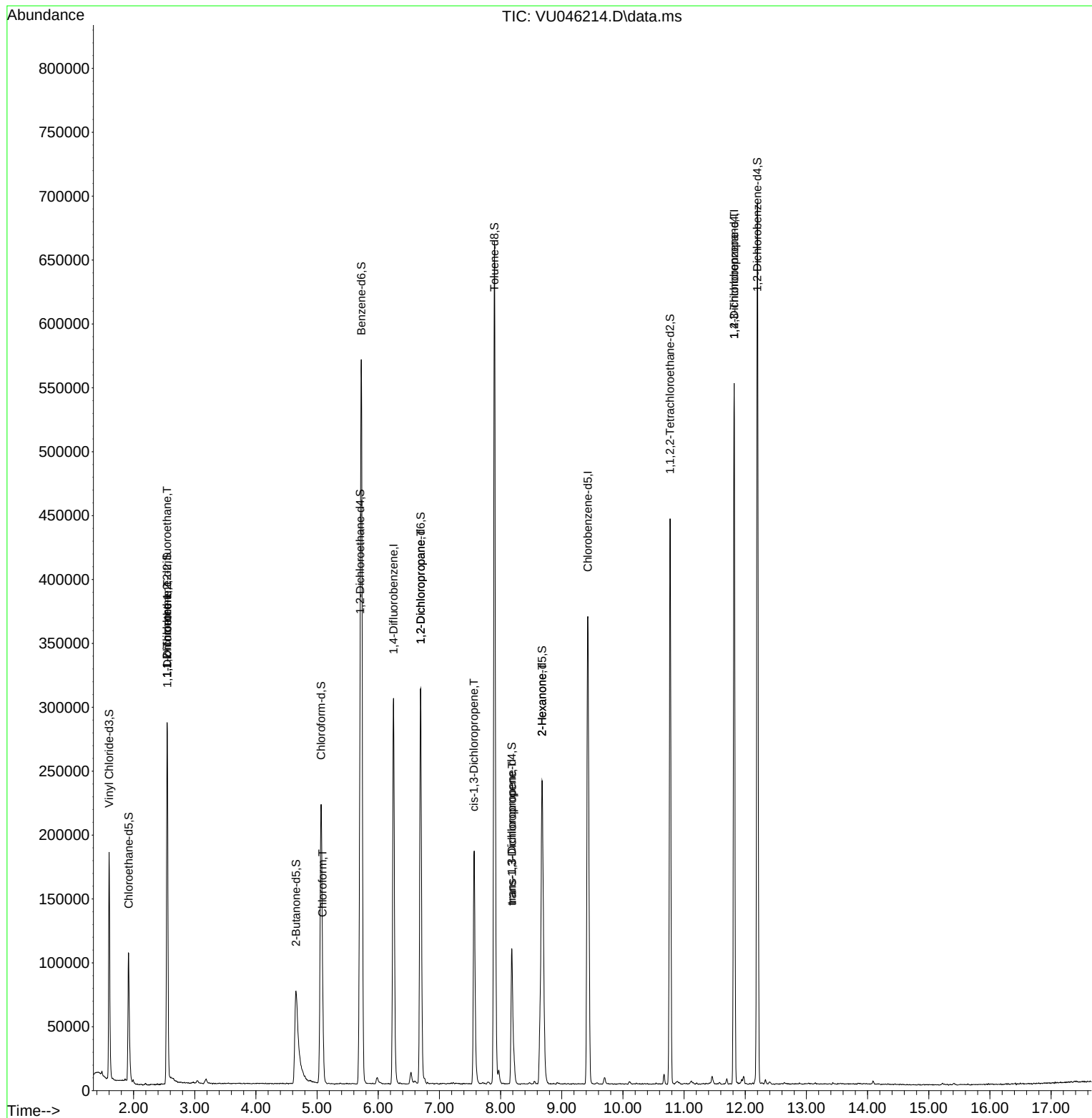
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	272016	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	280362	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	146661	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	143303	63.954	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	127.900%
7) Chloroethane-d5	1.919	69	95981	55.790	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.580%
11) 1,1-Dichloroethene-d2	2.549	63	162743	40.458	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.920%
21) 2-Butanone-d5	4.655	46	201849	113.317	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.320%
24) Chloroform-d	5.067	84	208093	55.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.220%
26) 1,2-Dichloroethane-d4	5.703	65	156864	62.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	124.920%
32) Benzene-d6	5.726	84	514843	64.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	128.140%#
36) 1,2-Dichloropropane-d6	6.694	67	157154	63.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	126.200%#
41) Toluene-d8	7.899	98	477452	65.257	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	130.520%#
43) trans-1,3-Dichloroprop...	8.182	79	85057	70.751	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	141.500%#
47) 2-Hexanone-d5	8.678	63	156153	132.245	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	132.240%#
56) 1,1,2,2-Tetrachloroeth...	10.771	84	229023	60.640	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	121.280%#
66) 1,2-Dichlorobenzene-d4	12.198	152	181172	64.145	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	128.280%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.549	101	1514	0.765	ug/L #	21
12) 1,1-Dichloroethene	2.552	96	1203	0.640	ug/L #	1
25) Chloroform	5.089	83	35304	8.780	ug/L	98
37) 1,2-Dichloropropane	6.694	63	16248	7.310	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	4969	1.469	ug/L #	66
44) trans-1,3-Dichloropropene	8.186	75	3503	1.055	ug/L	92
48) 2-Hexanone	8.678	43	19795	6.777	ug/L #	63
60) 1,2,3-Trichloropropane	11.819	75	16780	5.219	ug/L #	66

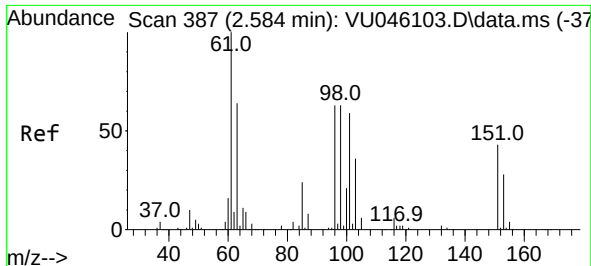
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_U
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
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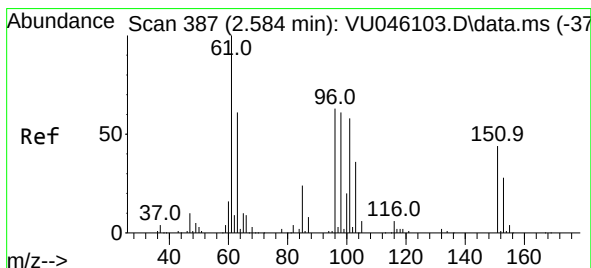
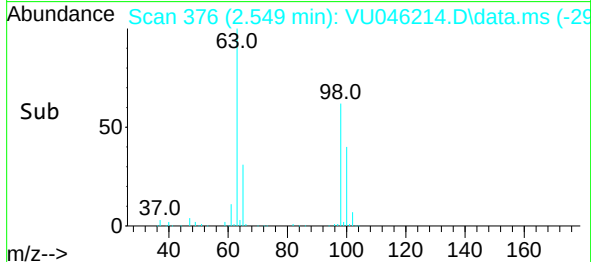
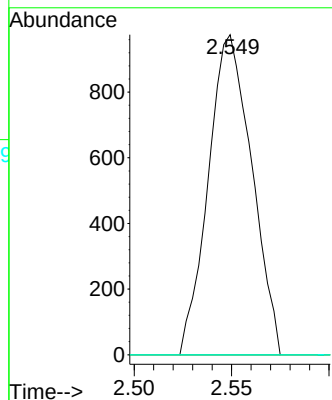
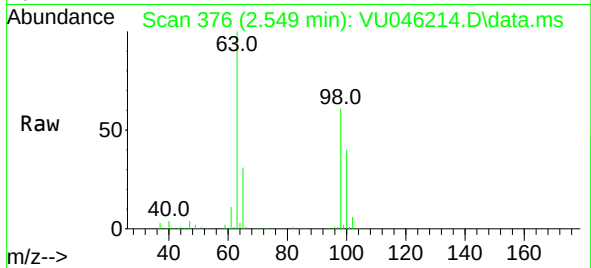




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.765 ug/L
RT: 2.549 min Scan# 31
Delta R.T. -0.038 min
Lab File: VU046214.D
Acq: 09 Dec 2021 12:56

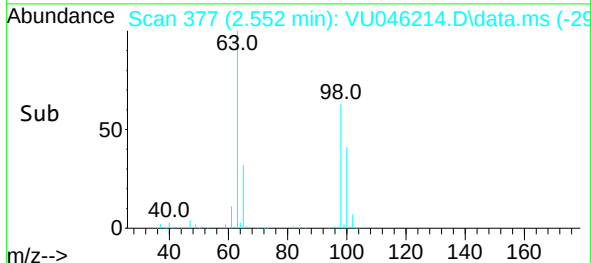
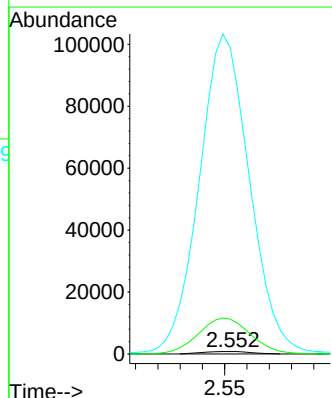
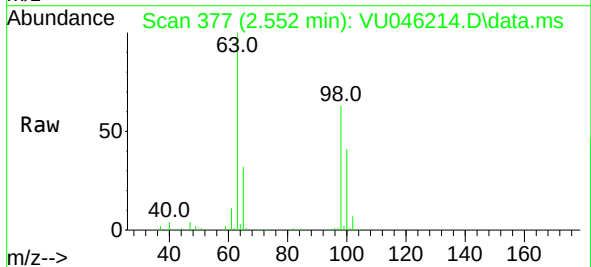
Instrument :
MSVOA_U
ClientSampleId :

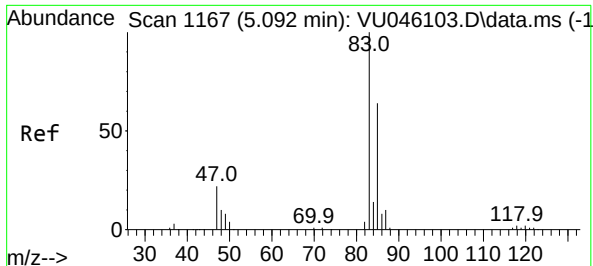
Tgt Ion:101 Resp: 1514
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.640 ug/L
RT: 2.552 min Scan# 377
Delta R.T. -0.032 min
Lab File: VU046214.D
Acq: 09 Dec 2021 12:56

Tgt Ion: 96 Resp: 1203
Ion Ratio Lower Upper
96 100
61 1422.9 118.6 220.2#
63 12513.8 93.0 172.8#





#25

Chloroform

Concen: 8.780 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046214.D

Acq: 09 Dec 2021 12:56

Instrument :

MSVOA_U

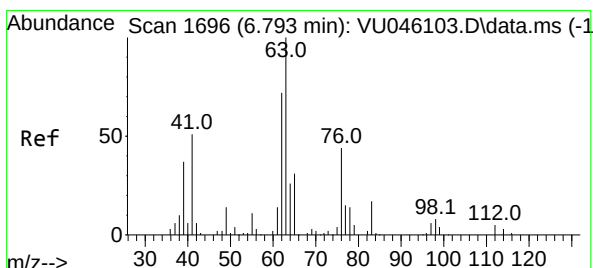
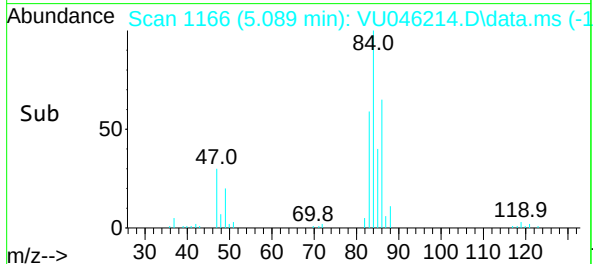
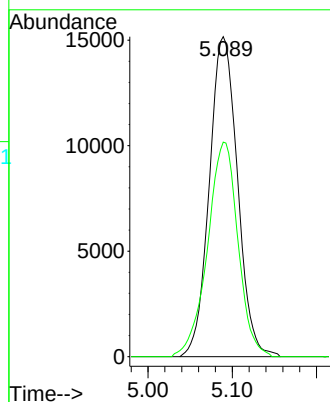
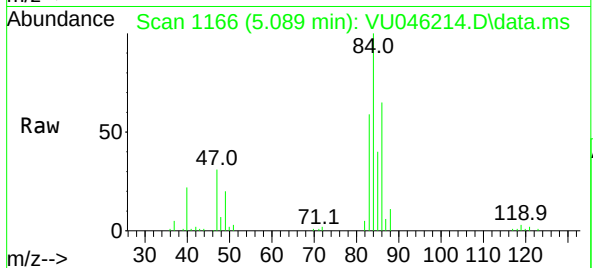
ClientSampleId :

Tgt Ion: 83 Resp: 35304

Ion Ratio Lower Upper

83 100

85 67.0 45.8 85.2



#37

1,2-Dichloropropane

Concen: 7.310 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046214.D

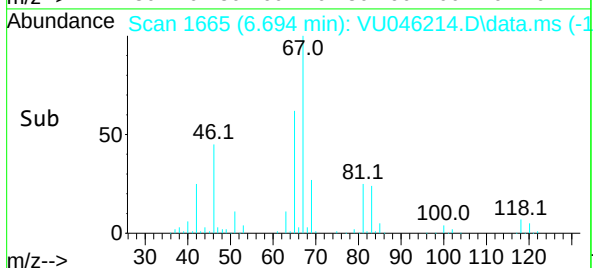
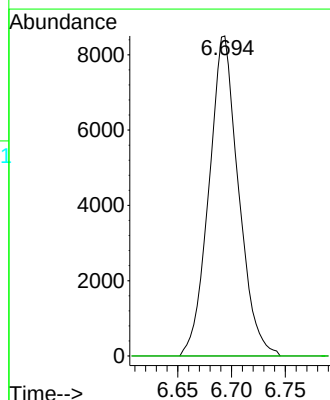
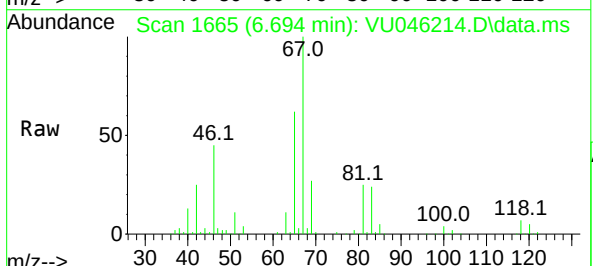
Acq: 09 Dec 2021 12:56

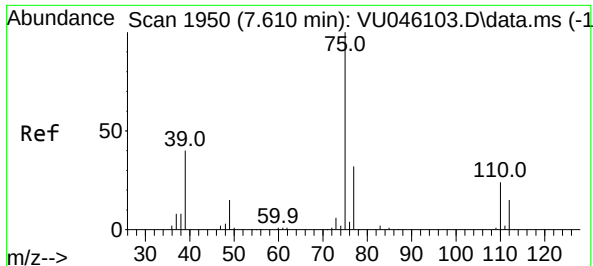
Tgt Ion: 63 Resp: 16248

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.469 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU046214.D

Acq: 09 Dec 2021 12:56

Instrument :

MSVOA_U

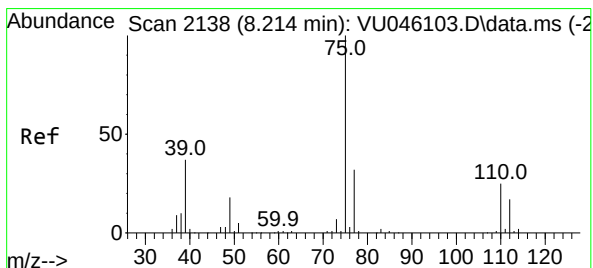
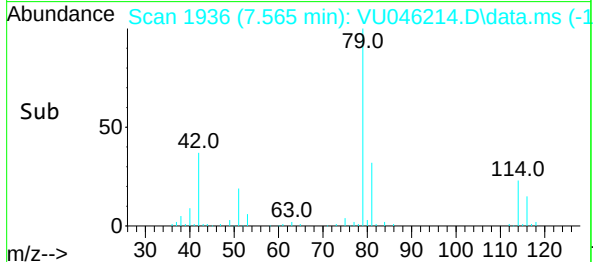
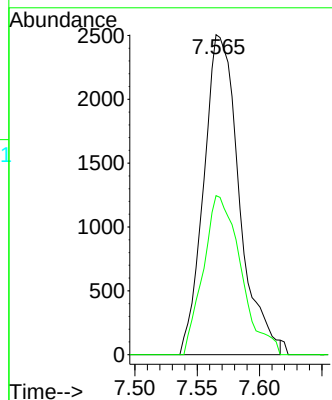
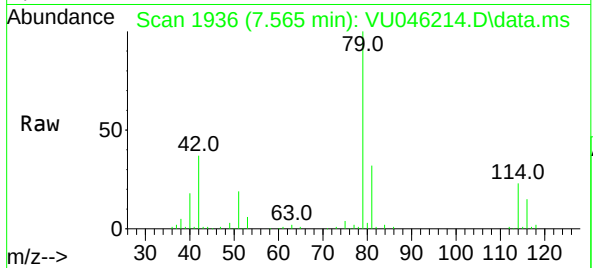
ClientSampleId :

Tgt Ion: 75 Resp: 4969

Ion Ratio Lower Upper

75 100

77 49.7 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 1.055 ug/L

RT: 8.186 min Scan# 2129

Delta R.T. -0.029 min

Lab File: VU046214.D

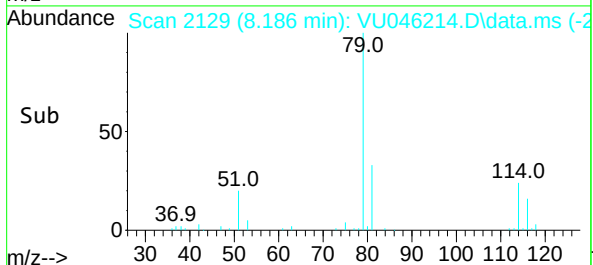
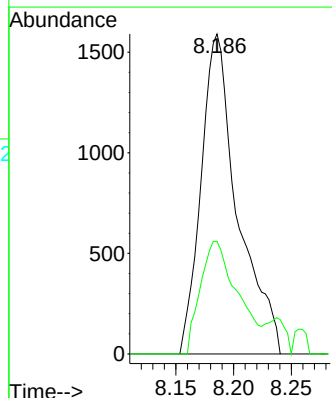
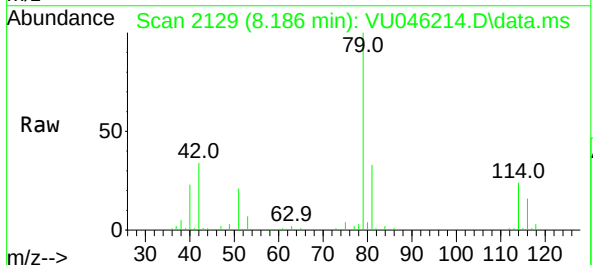
Acq: 09 Dec 2021 12:56

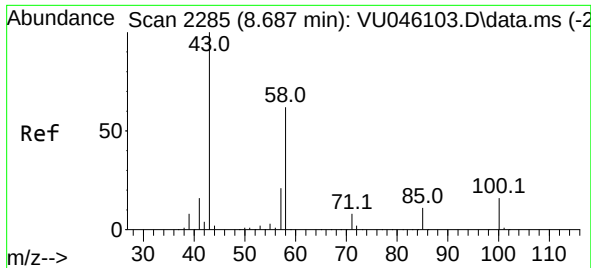
Tgt Ion: 75 Resp: 3503

Ion Ratio Lower Upper

75 100

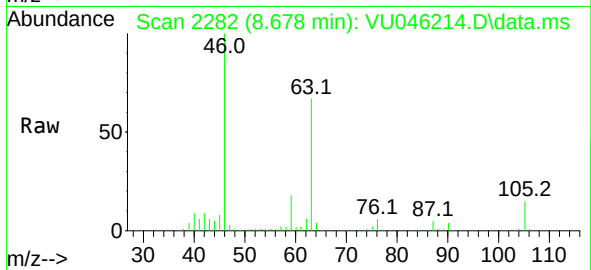
77 35.2 21.7 40.3



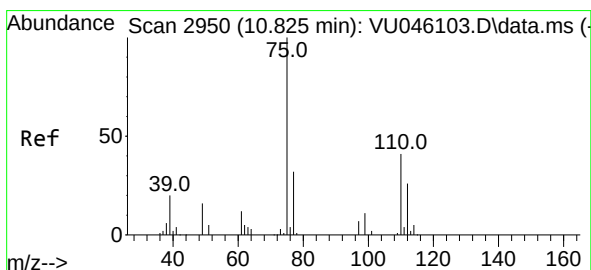
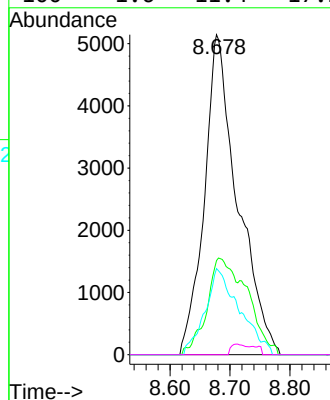
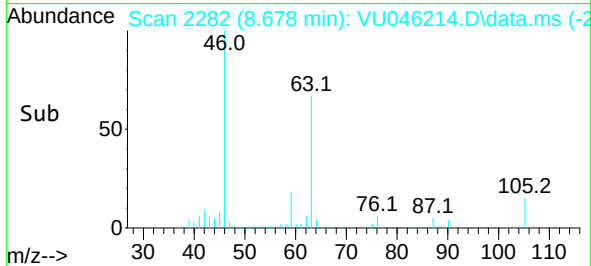


#48
2-Hexanone
Concen: 6.777 ug/L
RT: 8.678 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU046214.D
Acq: 09 Dec 2021 12:56

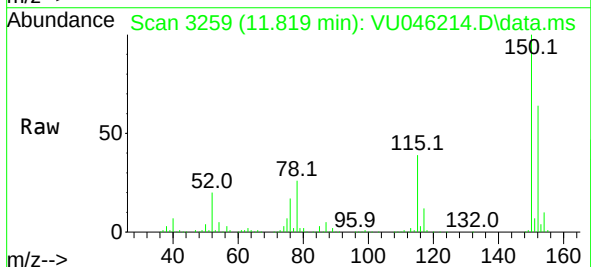
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 19795
Ion Ratio Lower Upper
43 100
58 21.8 47.4 71.2#
57 18.9 16.6 25.0
100 1.6 11.4 17.2#



#60
1,2,3-Trichloropropane
Concen: 5.219 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.994 min
Lab File: VU046214.D
Acq: 09 Dec 2021 12:56



Tgt Ion: 75 Resp: 16780
Ion Ratio Lower Upper
75 100
77 33.4 26.4 39.6
110 2.7 32.4 48.6#

