

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046329.D
 Acq On : 13 Dec 2021 20:28
 Operator : SY/MD
 Sample : M5062-15ME
 Misc : 6.25g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 29 Sample Multiplier: 1

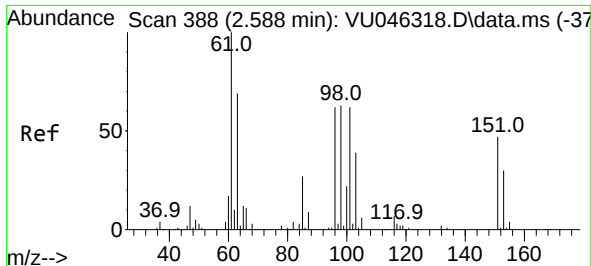
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 03:43:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	184312	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	189653	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	91034	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59546	39.220	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.440%
7) Chloroethane-d5	1.916	69	38851	33.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.660%#
11) 1,1-Dichloroethene-d2	2.546	63	73892	27.111	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.220%#
21) 2-Butanone-d5	4.658	46	79512	65.878	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	65.880%
24) Chloroform-d	5.064	84	97782	38.566	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.140%
26) 1,2-Dichloroethane-d4	5.703	65	72084	42.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.720%
32) Benzene-d6	5.723	84	209670	38.572	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.140%
36) 1,2-Dichloropropane-d6	6.690	67	66287	39.348	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.700%
41) Toluene-d8	7.899	98	186140	37.610	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.220%#
43) trans-1,3-Dichloroprop...	8.186	79	31528	38.769	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.540%
47) 2-Hexanone-d5	8.681	63	60568	75.828	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.830%
56) 1,1,2,2-Tetrachloroeth...	10.771	84	96533	37.784	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.560%
66) 1,2-Dichlorobenzene-d4	12.201	152	68365	38.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.000%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	673	0.502	ug/L #	21
12) 1,1-Dichloroethene	2.546	96	551	0.432	ug/L #	1
22) 2-Butanone	4.739	43	7548	4.597	ug/L	87
27) 1,2-Dichloroethane	5.726	62	1163	0.575	ug/L #	73
35) Methylcyclohexane	6.690	83	16111	6.871	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	7453	4.957	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1998	0.873	ug/L	85
46) Tetrachloroethene	8.555	164	1317	1.185	ug/L	93
49) Dibromochloromethane	8.555	129	1241	0.783	ug/L #	10
60) 1,2,3-Trichloropropane	11.819	75	11048	5.536	ug/L #	66

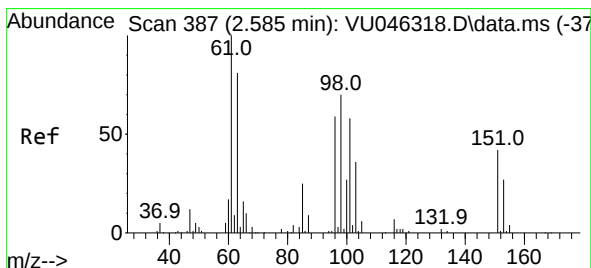
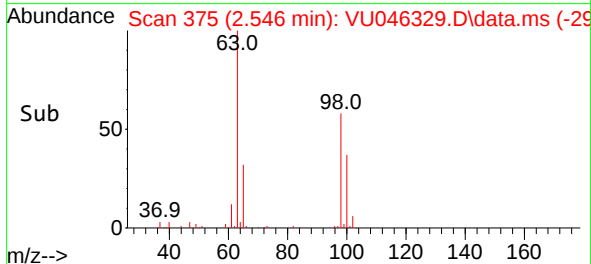
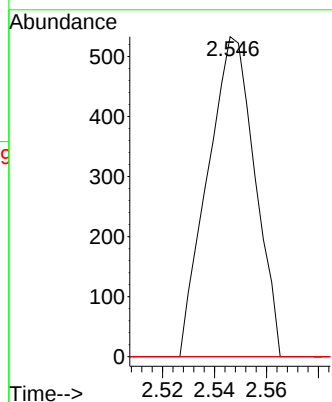
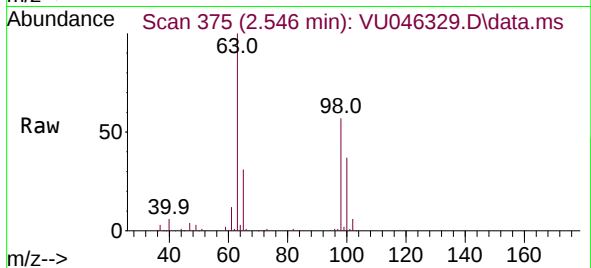
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.502 ug/L
 RT: 2.546 min Scan# 375
 Delta R.T. -0.042 min
 Lab File: VU046329.D
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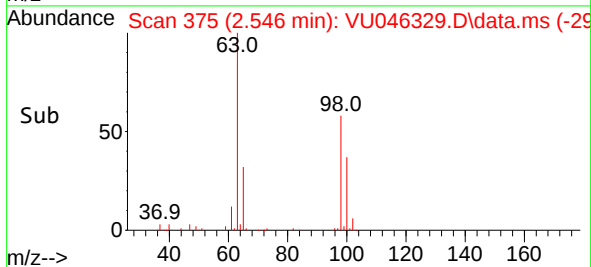
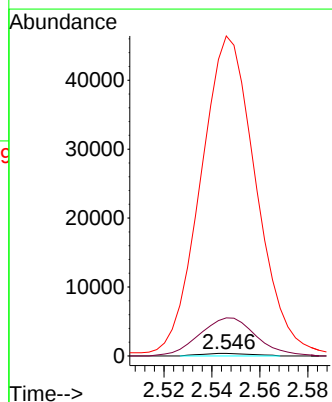
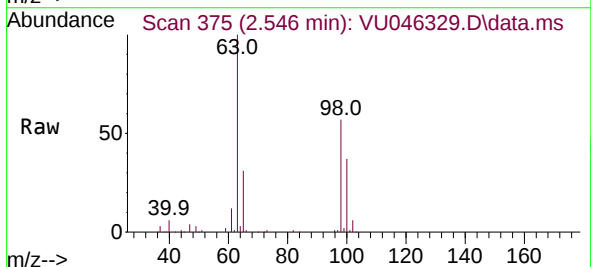
Instrument :
 MSVOA_W
 ClientSampleId :

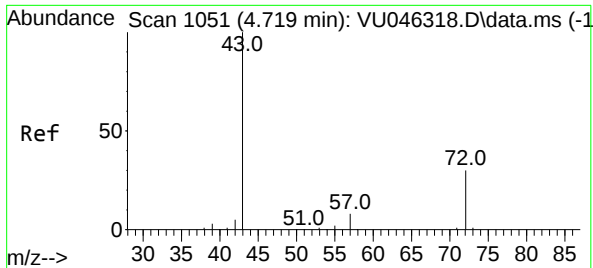
Tgt Ion:101 Resp: 673
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.432 ug/L
 RT: 2.546 min Scan# 375
 Delta R.T. -0.039 min
 Lab File: VU046329.D
 Acq: 13 Dec 2021 20:28

Tgt Ion: 96 Resp: 551
 Ion Ratio Lower Upper
 96 100
 61 1507.9 118.6 220.2#
 63 12649.6 93.0 172.8#

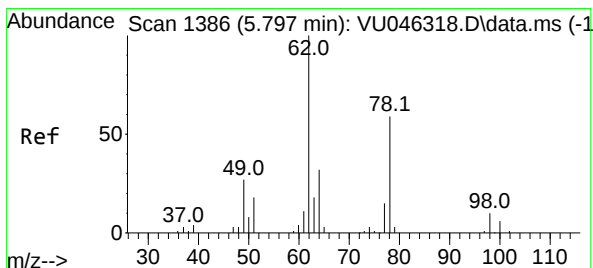
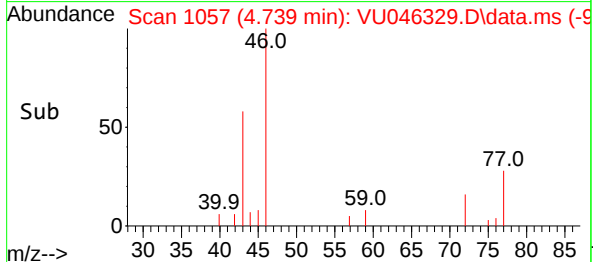
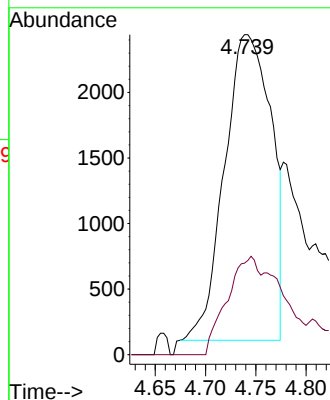
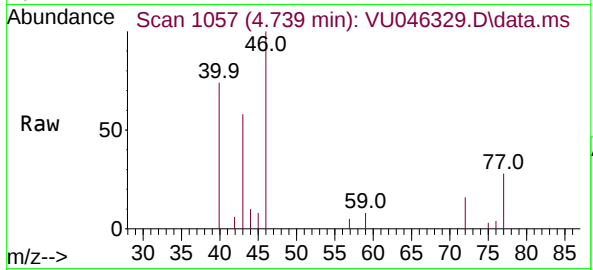




#22
2-Butanone
Concen: 4.597 ug/L
RT: 4.739 min Scan# 1057
Delta R.T. 0.019 min
Lab File: VU046329.D
Acq: 13 Dec 2021 20:28

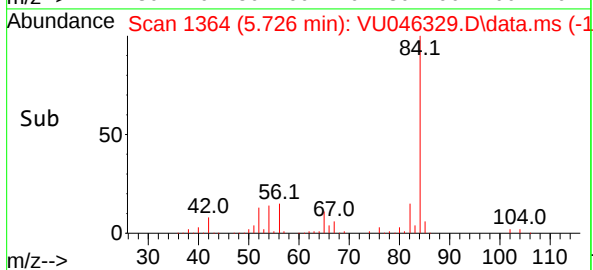
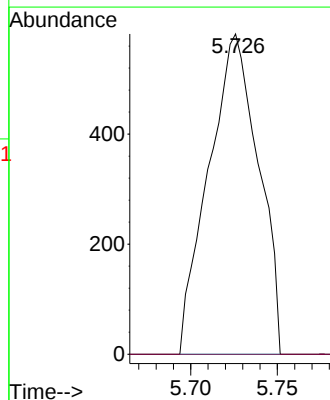
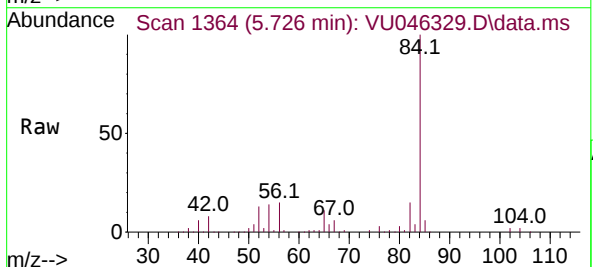
Instrument :
MSVOA_W
ClientSampleId :

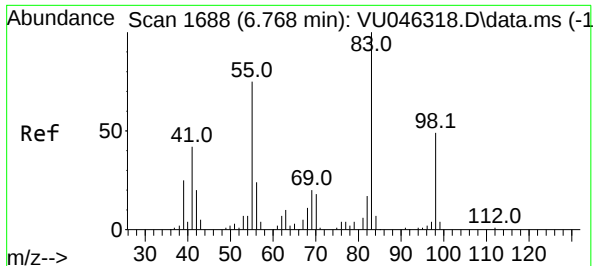
Tgt Ion: 43 Resp: 7548
Ion Ratio Lower Upper
43 100
72 22.0 14.5 43.6



#27
1,2-Dichloroethane
Concen: 0.575 ug/L
RT: 5.726 min Scan# 1364
Delta R.T. -0.071 min
Lab File: VU046329.D
Acq: 13 Dec 2021 20:28

Tgt Ion: 62 Resp: 1163
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#





#35

Methylcyclohexane

Concen: 6.871 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU046329.D

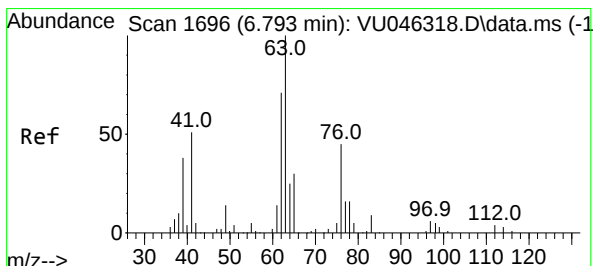
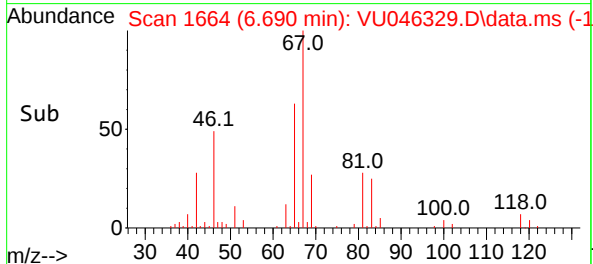
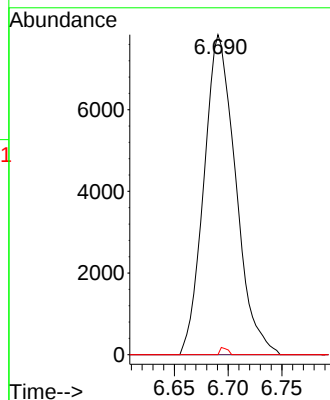
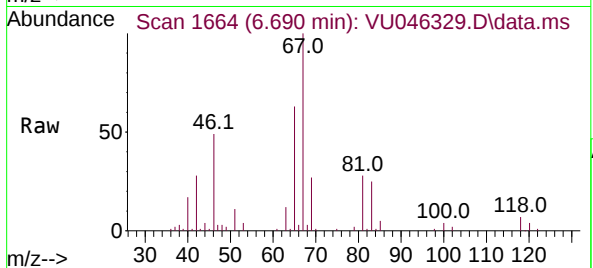
Acq: 13 Dec 2021 20:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 16111
Ion Ratio	Lower Upper
83	100
55	0.0 57.8 86.6#
98	0.5 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 4.957 ug/L

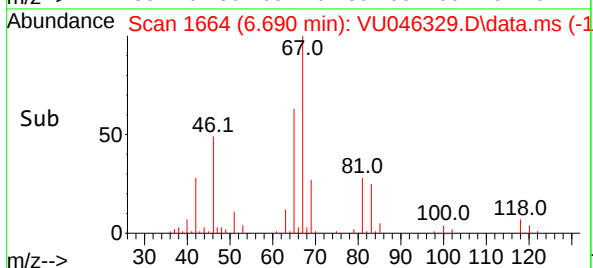
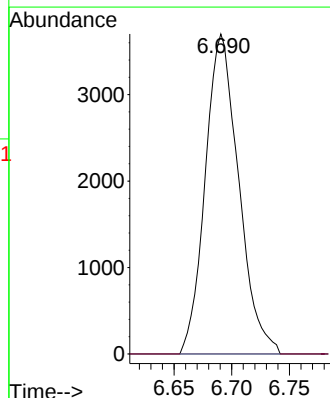
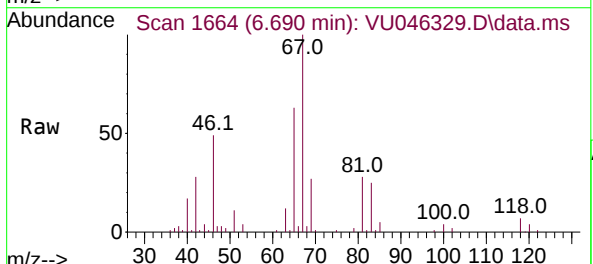
RT: 6.690 min Scan# 1664

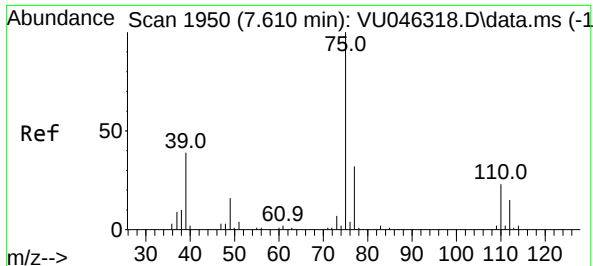
Delta R.T. -0.103 min

Lab File: VU046329.D

Acq: 13 Dec 2021 20:28

Tgt Ion: 63	Resp: 7453
Ion Ratio	Lower Upper
63	100
112	0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.873 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046329.D

Acq: 13 Dec 2021 20:28

Instrument :

MSVOA_W

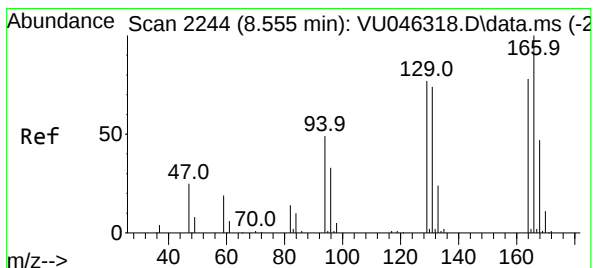
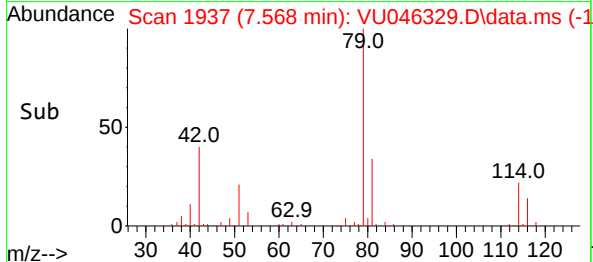
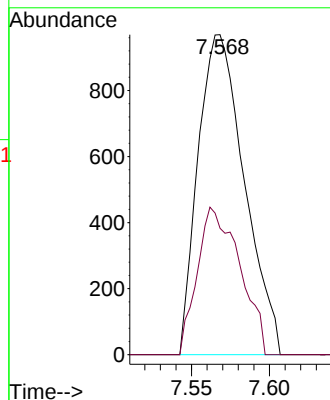
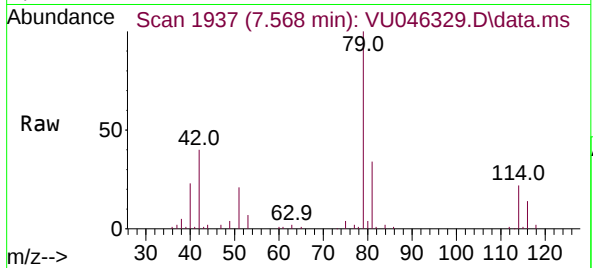
ClientSampleId :

Tgt Ion: 75 Resp: 1998

Ion Ratio Lower Upper

75 100

77 39.5 21.8 40.6



#46

Tetrachloroethene

Concen: 1.185 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046329.D

Acq: 13 Dec 2021 20:28

Tgt Ion: 164 Resp: 1317

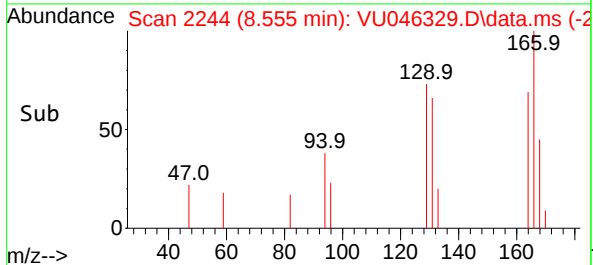
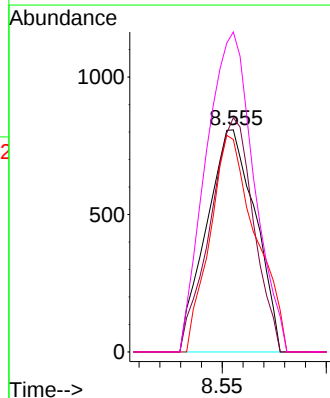
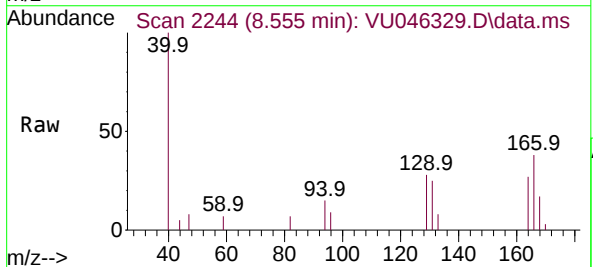
Ion Ratio Lower Upper

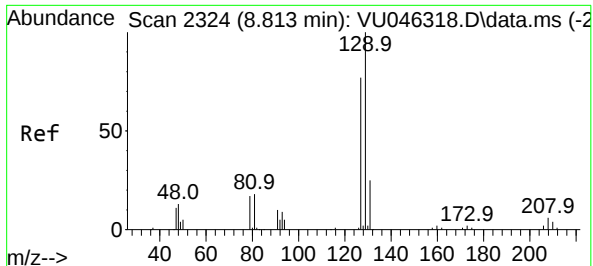
164 100

129 105.4 71.1 132.1

131 95.7 67.8 126.0

166 144.1 90.6 168.2





#49

Dibromochloromethane

Concen: 0.783 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046329.D

Acq: 13 Dec 2021 20:28

Instrument :

MSVOA_W

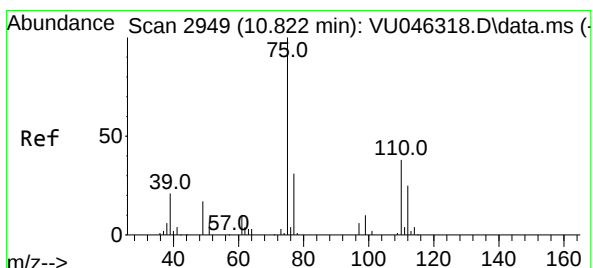
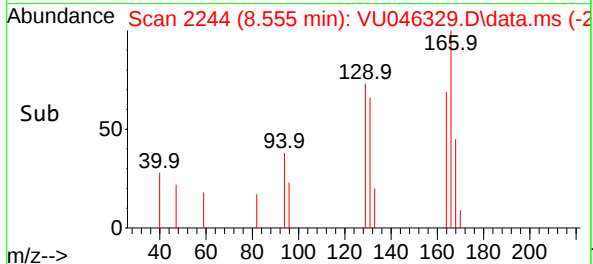
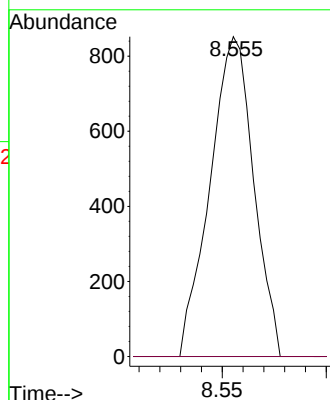
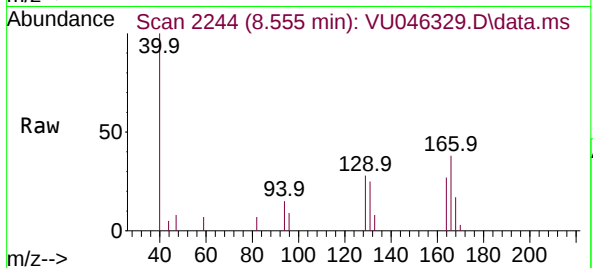
ClientSampleId :

Tgt Ion:129 Resp: 1241

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#60

1,2,3-Trichloropropane

Concen: 5.536 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.997 min

Lab File: VU046329.D

Acq: 13 Dec 2021 20:28

Tgt Ion: 75 Resp: 11048

Ion Ratio Lower Upper

75 100

77 31.8 26.4 39.6

110 2.8 32.4 48.6#

