

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047967.D
 Acq On : 12 Apr 2022 19:37
 Operator : SY/MD
 Sample : N2290-01ME
 Misc : 3.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

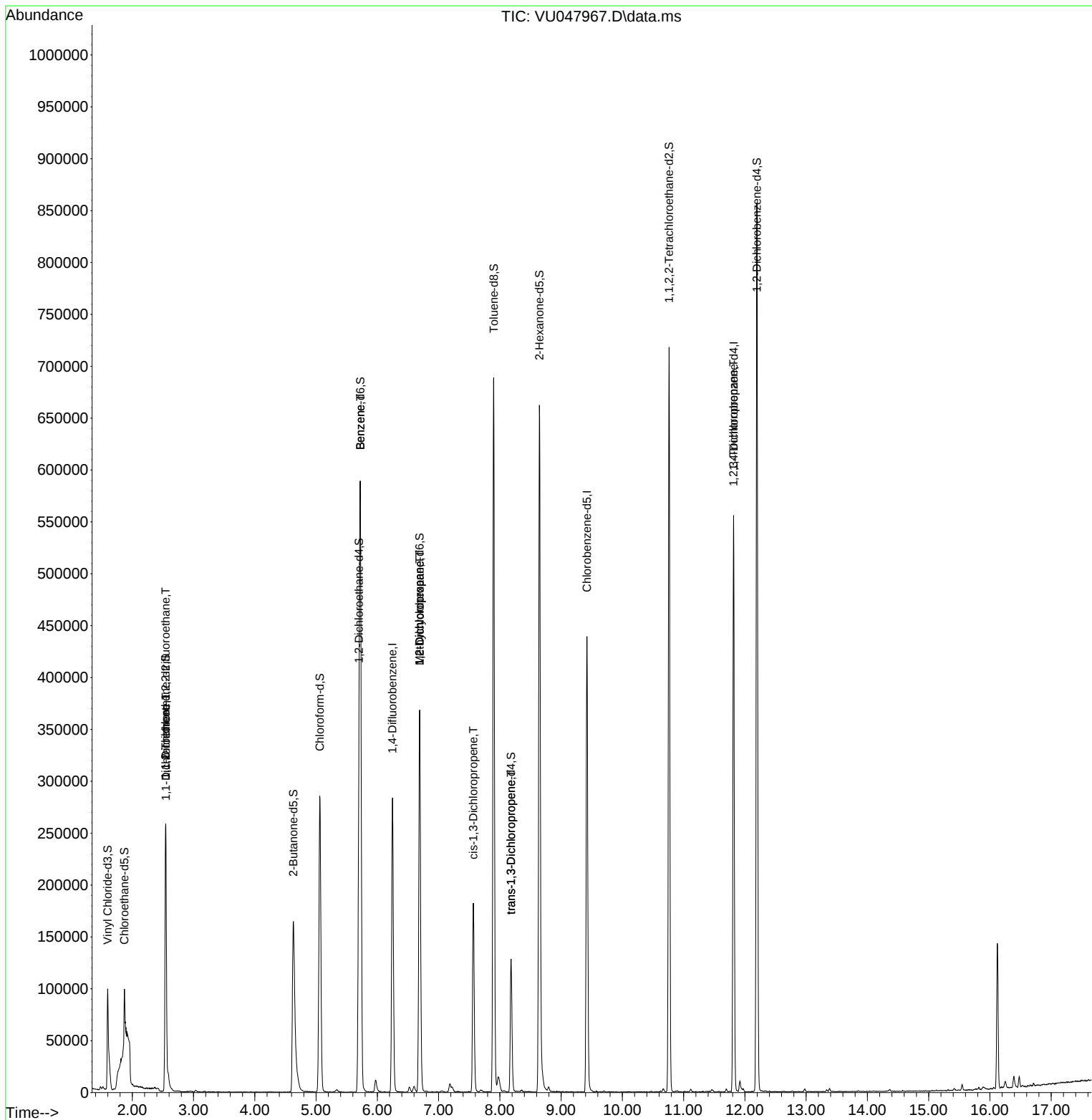
Quant Time: Apr 13 01:38:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 01:28:20 2022
 Response via : Initial Calibration

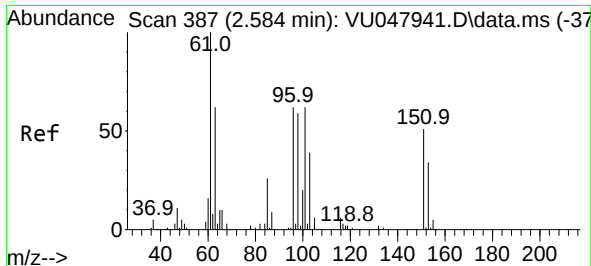
Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Difluorobenzene		6.247	114	248871	50.000	ug/L	0.00
28) Chlorobenzene-d5		9.420	117	272361	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.816	152	153270	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.598	65	107982	59.833	ug/L	0.00
Spiked Amount	50.000	Range 60	- 135	Recovery	=	119.660%	
7) Chloroethane-d5		1.871	69	61500	43.218	ug/L	-0.04
Spiked Amount	50.000	Range 70	- 130	Recovery	=	86.440%	
11) 1,1-Dichloroethene-d2		2.546	63	157878	47.814	ug/L	-0.03
Spiked Amount	50.000	Range 60	- 125	Recovery	=	95.620%	
21) 2-Butanone-d5		4.630	46	300796	194.183	ug/L	0.00
Spiked Amount	100.000	Range 40	- 130	Recovery	=	194.180%#	
24) Chloroform-d		5.061	84	270570	81.937	ug/L	0.00
Spiked Amount	50.000	Range 70	- 125	Recovery	=	163.880%#	
26) 1,2-Dichloroethane-d4		5.700	65	180605	89.175	ug/L	0.00
Spiked Amount	50.000	Range 70	- 125	Recovery	=	178.360%#	
32) Benzene-d6		5.723	84	526558	76.832	ug/L	0.00
Spiked Amount	50.000	Range 70	- 125	Recovery	=	153.660%#	
36) 1,2-Dichloropropane-d6		6.691	67	183753	87.305	ug/L	0.00
Spiked Amount	50.000	Range 70	- 120	Recovery	=	174.600%#	
41) Toluene-d8		7.900	98	473423	70.901	ug/L	0.00
Spiked Amount	50.000	Range 80	- 120	Recovery	=	141.800%#	
43) trans-1,3-Dichloroprop...		8.183	79	80692	75.675	ug/L	0.00
Spiked Amount	50.000	Range 60	- 125	Recovery	=	151.340%#	
47) 2-Hexanone-d5		8.646	63	252569	204.989	ug/L	0.00
Spiked Amount	100.000	Range 45	- 130	Recovery	=	204.990%#	
56) 1,1,2,2-Tetrachloroeth...		10.761	84	349697	96.813	ug/L	0.00
Spiked Amount	50.000	Range 65	- 120	Recovery	=	193.620%#	
66) 1,2-Dichlorobenzene-d4		12.195	152	240147	88.068	ug/L	0.00
Spiked Amount	50.000	Range 80	- 120	Recovery	=	176.140%#	
Target Compounds							
						Qvalue	
10) 1,1,2-Trichloro-1,2,2-...		2.546	101	1415	0.771	ug/L #	18
12) 1,1-Dichloroethene		2.549	96	1286	0.753	ug/L #	1
33) Benzene		5.723	78	4105	0.521	ug/L	100
35) Methylcyclohexane		6.691	83	42209	13.424	ug/L #	21
37) 1,2-Dichloropropane		6.691	63	19166	9.563	ug/L #	87
39) cis-1,3-Dichloropropene		7.565	75	4710	1.515	ug/L #	67
44) trans-1,3-Dichloropropene		8.183	75	3424	1.103	ug/L	83
60) 1,2,3-Trichloropropane		11.813	75	16381	5.669	ug/L #	66

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

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.771 ug/L

RT: 2.546 min Scan# 31

Delta R.T. -0.038 min

Lab File: VU047967.D

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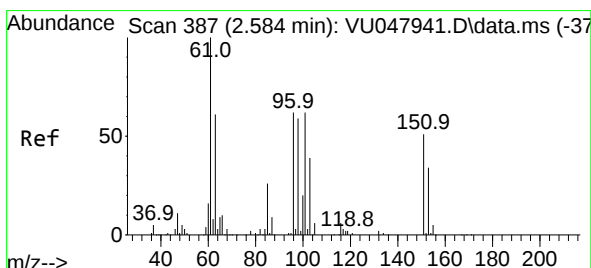
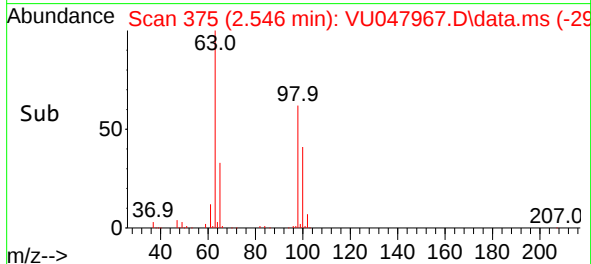
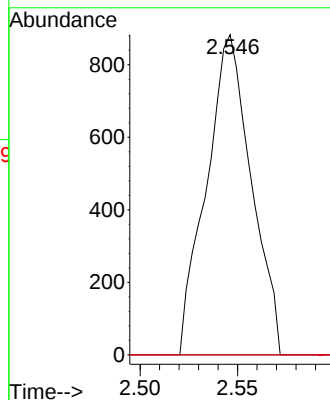
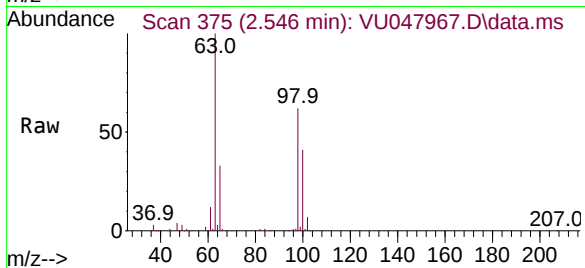
Tgt Ion:101 Resp: 1415

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 63.0 94.6#



#12

1,1-Dichloroethene

Concen: 0.753 ug/L

RT: 2.549 min Scan# 376

Delta R.T. -0.035 min

Lab File: VU047967.D

Acq: 12 Apr 2022 19:37

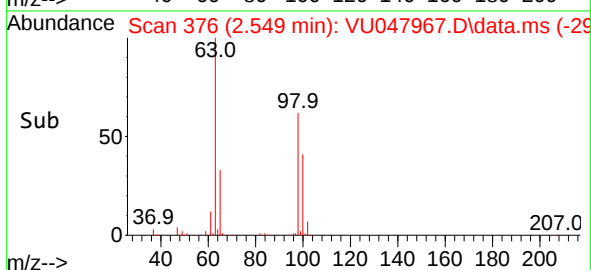
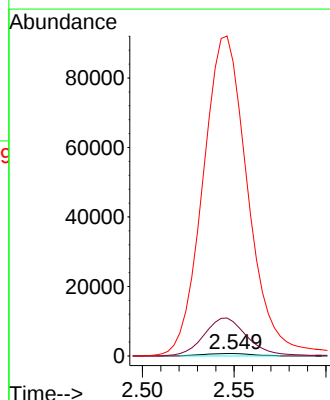
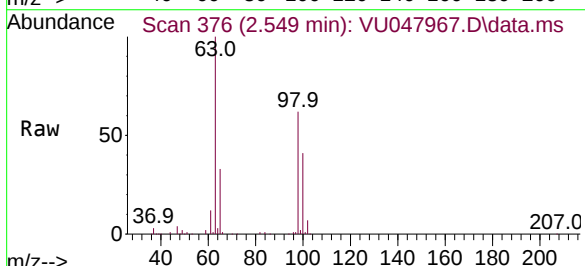
Tgt Ion: 96 Resp: 1286

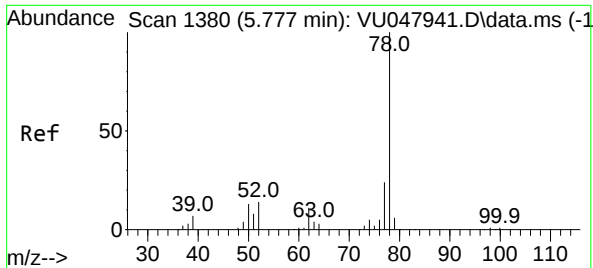
Ion Ratio Lower Upper

96 100

61 1442.8 113.1 210.1#

63 12384.2 94.8 176.0#

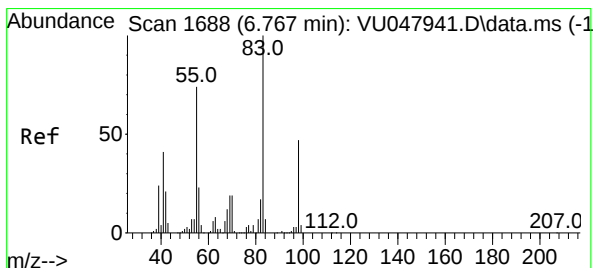
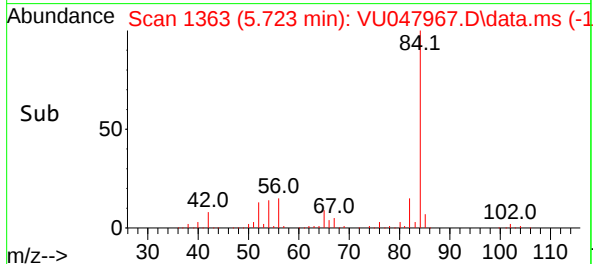
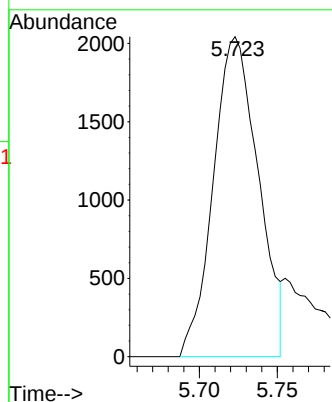
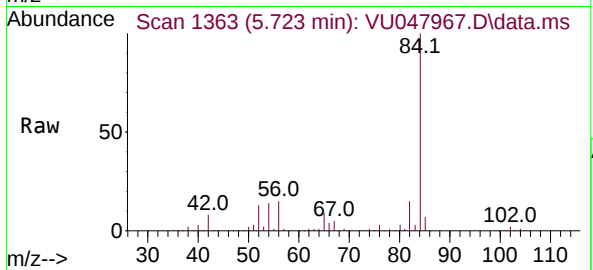




#33
Benzene
Concen: 0.521 ug/L
RT: 5.723 min Scan# 11
Delta R.T. -0.054 min
Lab File: VU047967.D
Acq: 12 Apr 2022 19:37

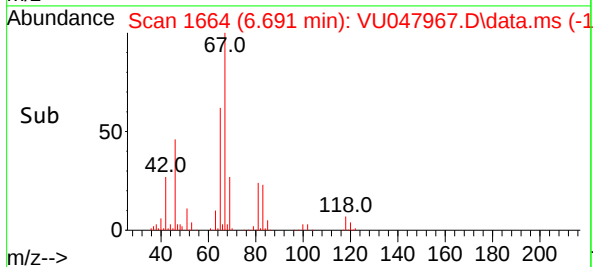
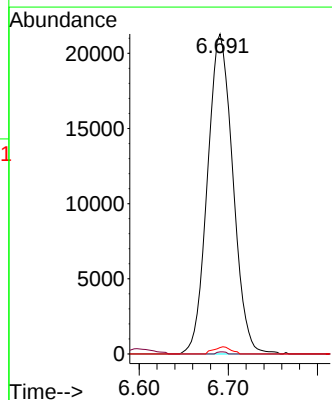
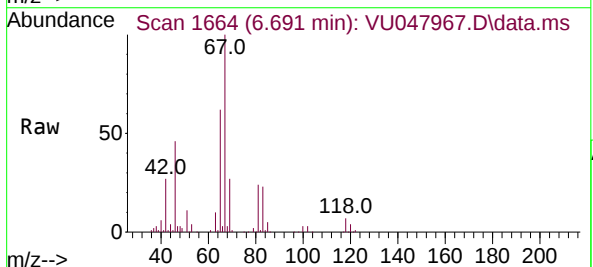
Instrument :
MSVOA_U
ClientSampleId :

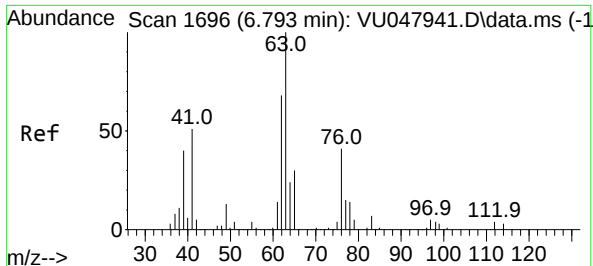
Tgt Ion: 78 Resp: 4105



#35
Methylcyclohexane
Concen: 13.424 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU047967.D
Acq: 12 Apr 2022 19:37

Tgt Ion: 83 Resp: 42209
Ion Ratio Lower Upper
83 100
55 0.2 56.8 85.2#
98 1.5 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 9.563 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU047967.D

Acq: 12 Apr 2022 19:37

Instrument :

MSVOA_U

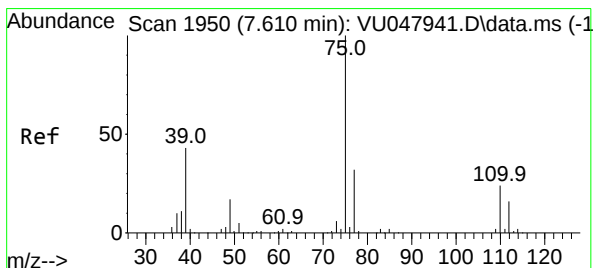
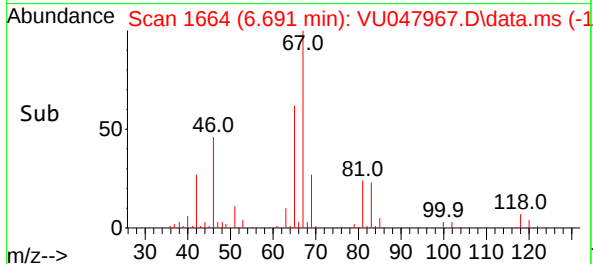
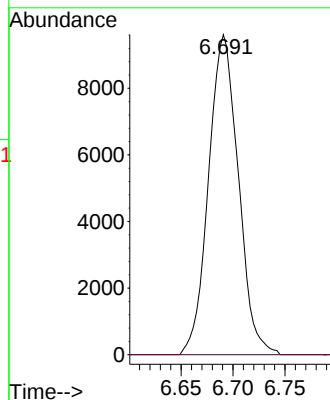
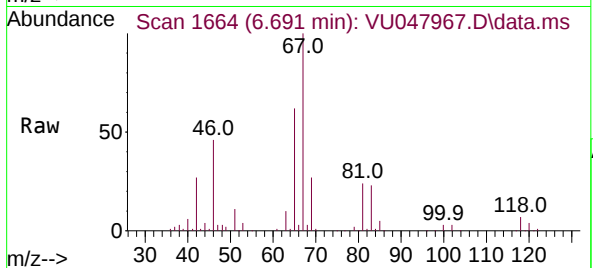
ClientSampleId :

Tgt Ion: 63 Resp: 19166

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 1.515 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU047967.D

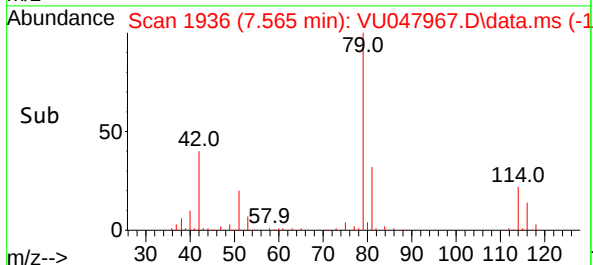
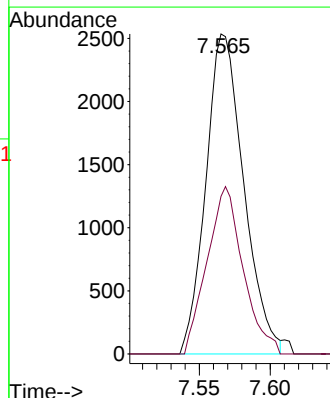
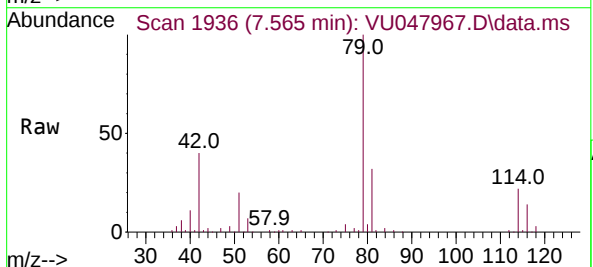
Acq: 12 Apr 2022 19:37

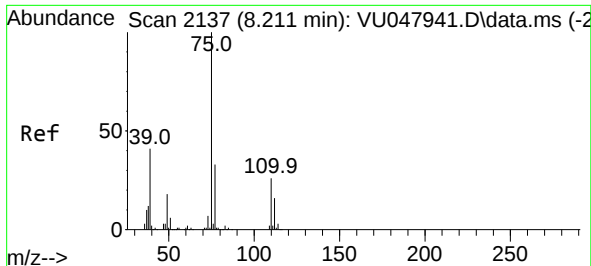
Tgt Ion: 75 Resp: 4710

Ion Ratio Lower Upper

75 100

77 49.3 21.8 40.6#

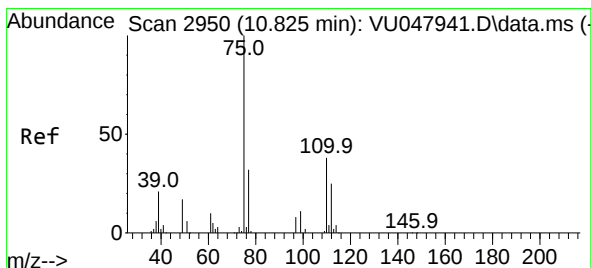
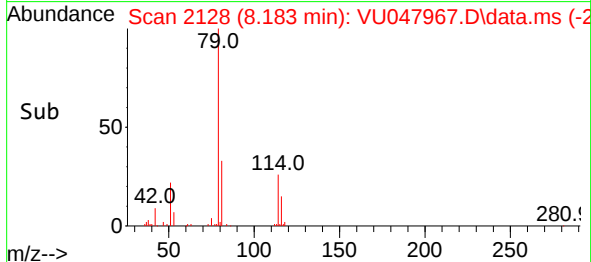
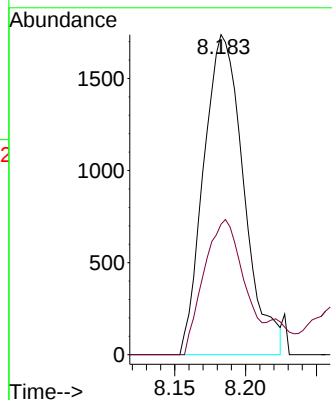
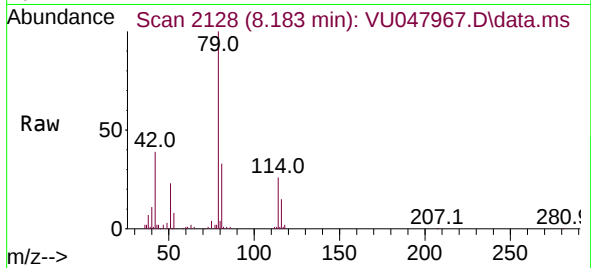




#44
trans-1,3-Dichloropropene
Concen: 1.103 ug/L
RT: 8.183 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU047967.D
Acq: 12 Apr 2022 19:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3424
Ion Ratio Lower Upper
75 100
77 40.7 22.0 40.8



#60
1,2,3-Trichloropropane
Concen: 5.669 ug/L
RT: 11.813 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047967.D
Acq: 12 Apr 2022 19:37

Tgt Ion: 75 Resp: 16381
Ion Ratio Lower Upper
75 100
77 31.5 26.0 39.0
110 1.9 31.4 47.2#

