

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047911.D
 Acq On : 11 Apr 2022 17:14
 Operator : SY/MD
 Sample : N2316-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:04:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

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

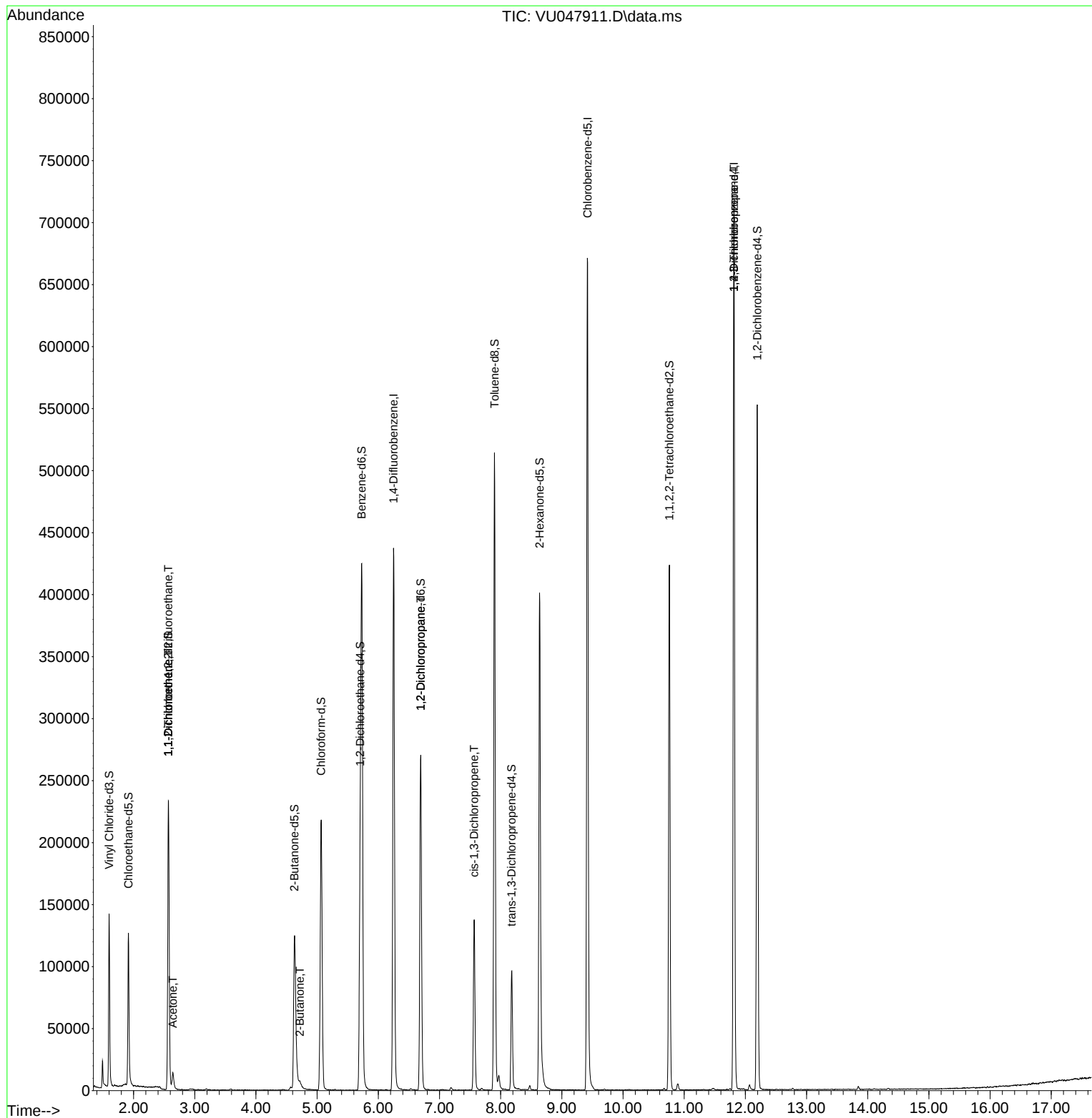
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	380169	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	400624	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	202878	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	102419	37.151	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.300%
7) Chloroethane-d5	1.916	69	94148	43.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.620%
11) 1,1-Dichloroethene-d2	2.568	63	135215	26.808	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.620%#
21) 2-Butanone-d5	4.629	46	192591	81.390	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.390%
24) Chloroform-d	5.067	84	202753	40.194	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.380%
26) 1,2-Dichloroethane-d4	5.703	65	131852	42.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.240%
32) Benzene-d6	5.729	84	399027	39.583	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.160%
36) 1,2-Dichloropropane-d6	6.694	67	131121	42.353	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.700%
41) Toluene-d8	7.899	98	352792	35.920	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.840%#
43) trans-1,3-Dichloroprop...	8.179	79	55683	35.502	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.000%
47) 2-Hexanone-d5	8.636	63	138119	76.210	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.210%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	208246	39.195	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.380%
66) 1,2-Dichlorobenzene-d4	12.195	152	153981	42.661	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.320%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1375	0.491	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1154	0.443	ug/L #	1
13) Acetone	2.642	43	16956	7.700	ug/L	98
22) 2-Butanone	4.716	43	4913	1.732	ug/L	94
37) 1,2-Dichloropropane	6.694	63	13819	4.688	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	3389	0.741	ug/L #	66
60) 1,2,3-Trichloropropane	11.812	75	21667	5.665	ug/L #	67

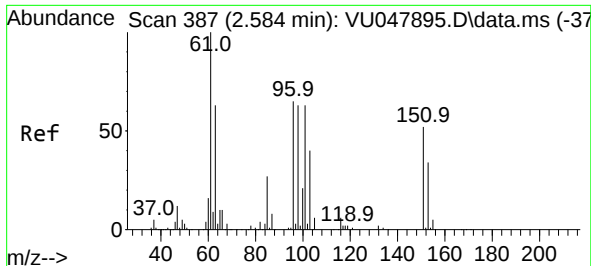
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.491 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU047911.D

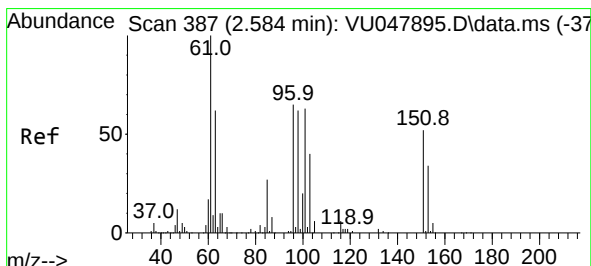
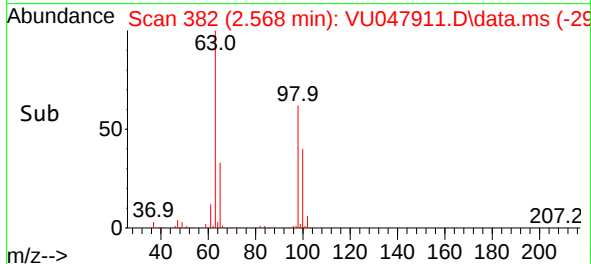
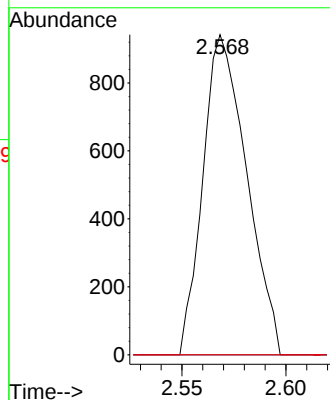
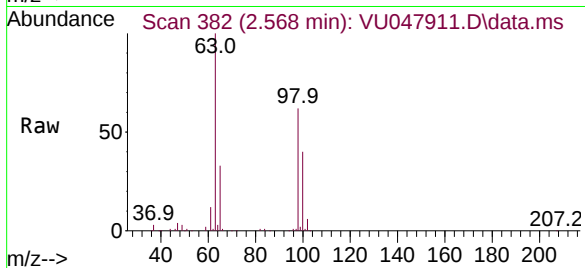
Acq: 11 Apr 2022 17:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	1375
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: 0.443 ug/L

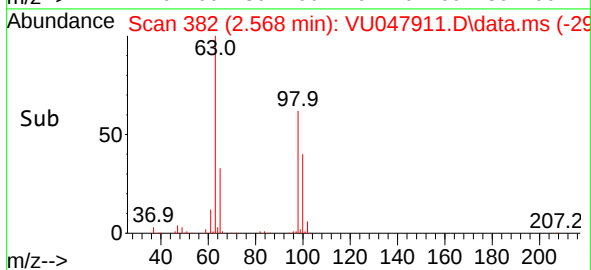
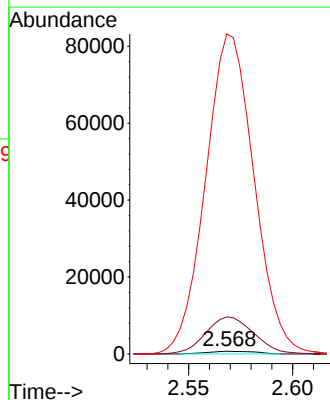
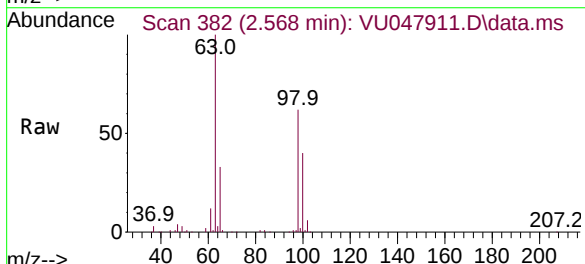
RT: 2.568 min Scan# 382

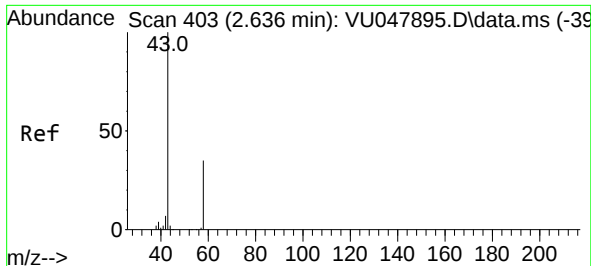
Delta R.T. -0.016 min

Lab File: VU047911.D

Acq: 11 Apr 2022 17:14

Tgt Ion:	96	Resp:	1154
Ion	Ratio	Lower	Upper
96	100		
61	1376.2	113.1	210.1#
63	11868.8	94.8	176.0#





#13

Acetone

Concen: 7.700 ug/L

RT: 2.642 min Scan# 403

Delta R.T. 0.006 min

Lab File: VU047911.D

Acq: 11 Apr 2022 17:14

Instrument :

MSVOA_U

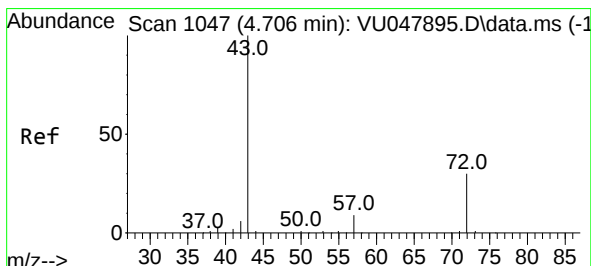
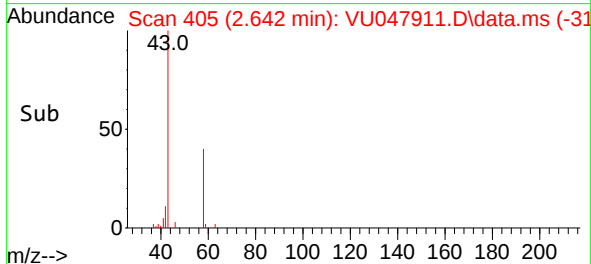
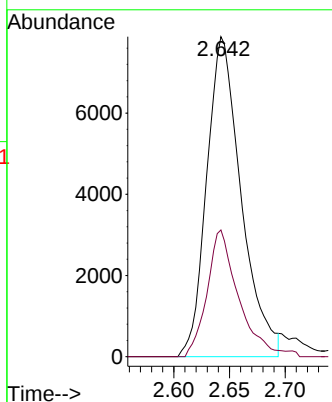
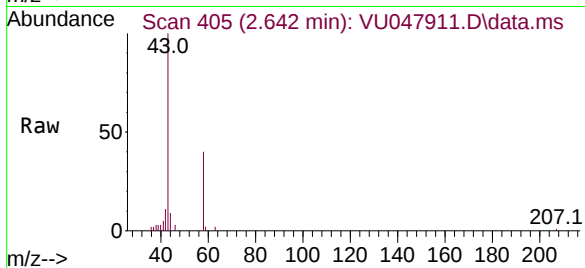
ClientSampleId :

Tgt Ion: 43 Resp: 16956

Ion Ratio Lower Upper

43 100

58 35.9 0.0 70.0



#22

2-Butanone

Concen: 1.732 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.010 min

Lab File: VU047911.D

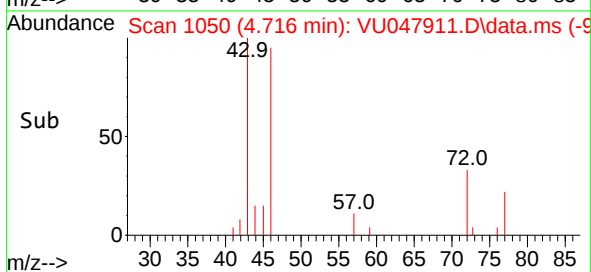
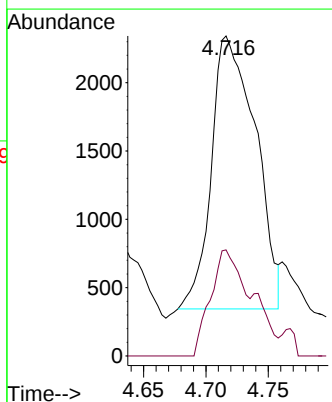
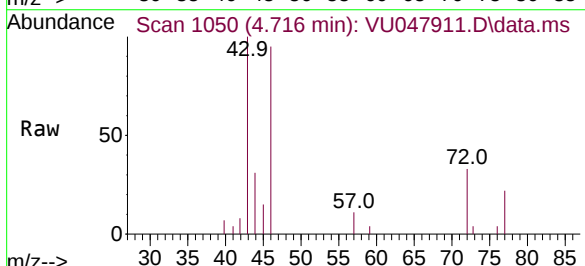
Acq: 11 Apr 2022 17:14

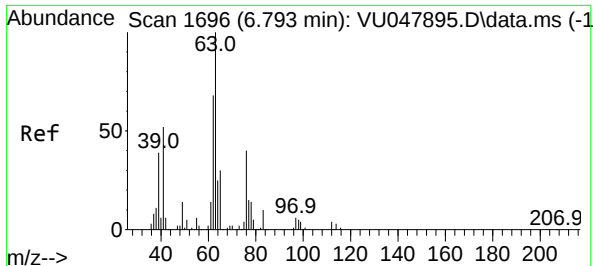
Tgt Ion: 43 Resp: 4913

Ion Ratio Lower Upper

43 100

72 28.4 16.0 47.9





#37

1,2-Dichloropropane

Concen: 4.688 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047911.D

Acq: 11 Apr 2022 17:14

Instrument :

MSVOA_U

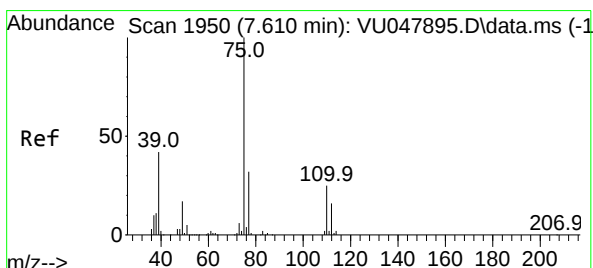
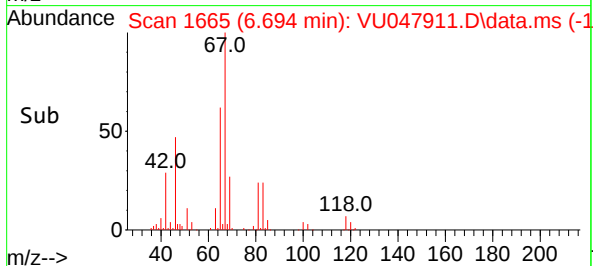
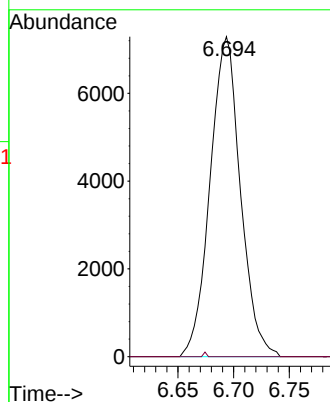
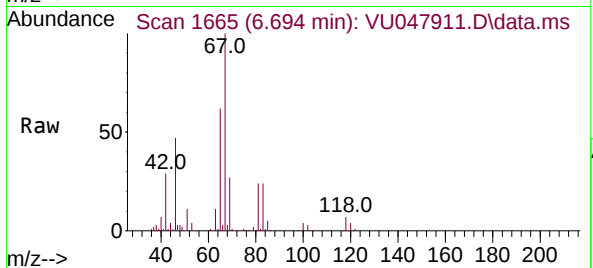
ClientSampleId :

Tgt Ion: 63 Resp: 13819

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.741 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU047911.D

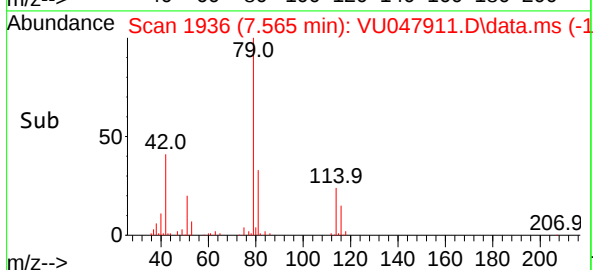
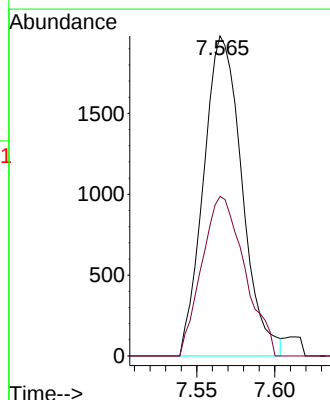
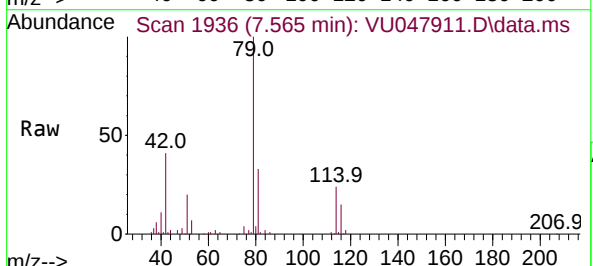
Acq: 11 Apr 2022 17:14

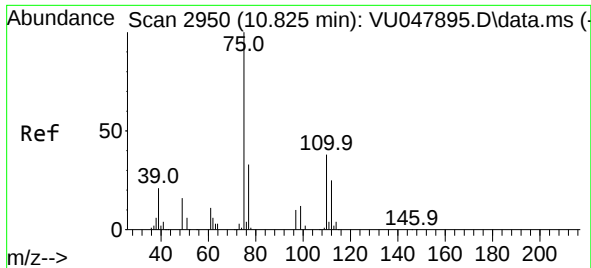
Tgt Ion: 75 Resp: 3389

Ion Ratio Lower Upper

75 100

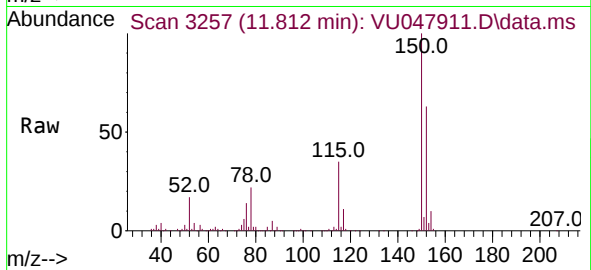
77 49.9 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.665 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047911.D
 Acq: 11 Apr 2022 17:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	21667
Ion	Ratio	Lower	Upper
75	100		
77	32.9	26.0	39.0
110	3.0	31.4	47.2#

