

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046168.D
 Acq On : 07 Dec 2021 22:33
 Operator : SY/MD
 Sample : M4960-06 10X
 Misc : 6.25g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 08:12:07 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)

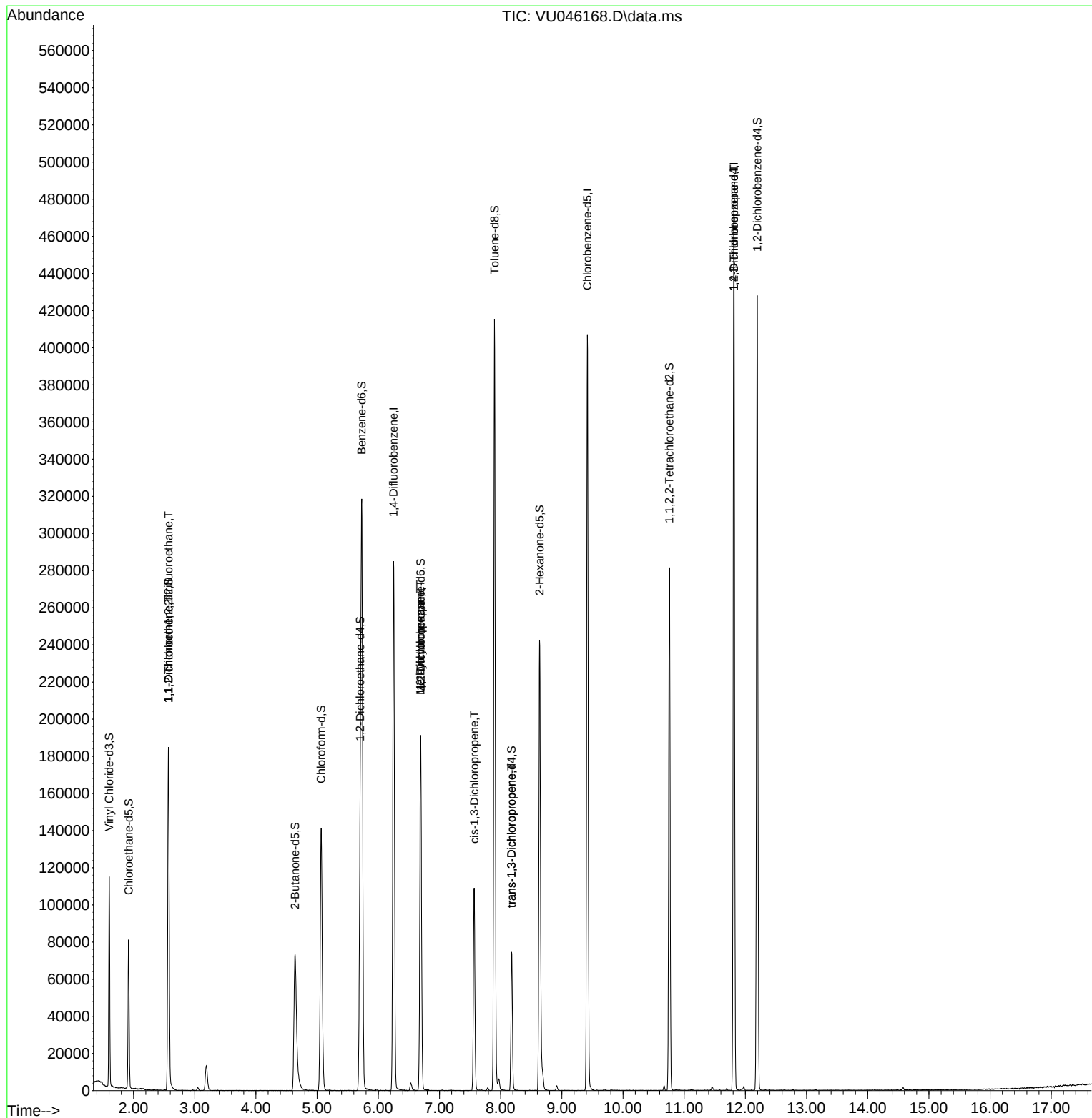
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	243177	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	236465	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	127750	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	80857	40.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.720%
7) Chloroethane-d5	1.919	69	58656	38.137	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.280%
11) 1,1-Dichloroethene-d2	2.572	63	109406	30.424	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.840%
21) 2-Butanone-d5	4.639	46	130242	81.789	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.790%
24) Chloroform-d	5.067	84	131953	39.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.900%
26) 1,2-Dichloroethane-d4	5.703	65	92422	41.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.340%
32) Benzene-d6	5.729	84	306621	45.241	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.480%
36) 1,2-Dichloropropane-d6	6.694	67	93638	44.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.160%
41) Toluene-d8	7.899	98	279467	45.288	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.580%
43) trans-1,3-Dichloroprop...	8.179	79	43187	42.592	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.180%
47) 2-Hexanone-d5	8.636	63	95170	95.561	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.560%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	138306	43.418	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.840%
66) 1,2-Dichlorobenzene-d4	12.195	152	115933	47.123	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.240%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1032	0.583	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	834	0.496	ug/L #	1
35) Methylcyclohexane	6.690	83	22561	7.717	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	9605	5.123	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2735	0.959	ug/L #	61
44) trans-1,3-Dichloropropene	8.179	75	1800	0.643	ug/L	96
60) 1,2,3-Trichloropropane	11.812	75	14332	5.118	ug/L #	65

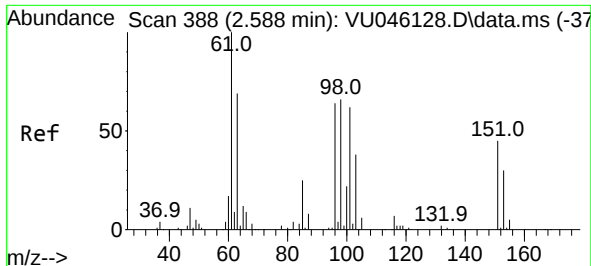
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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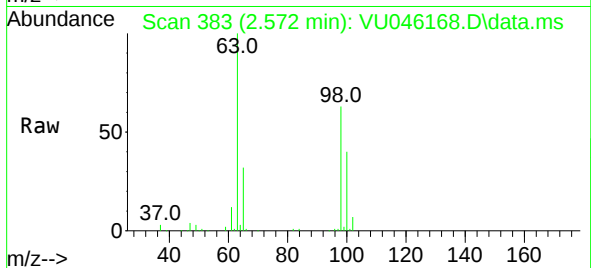
Quant Time: Dec 08 08:12:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
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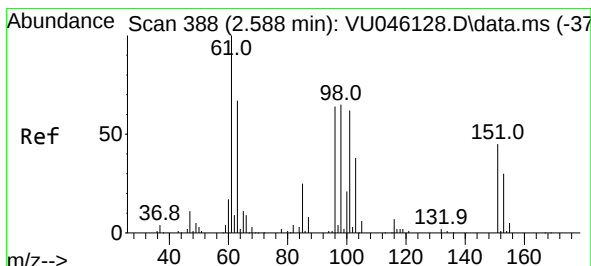
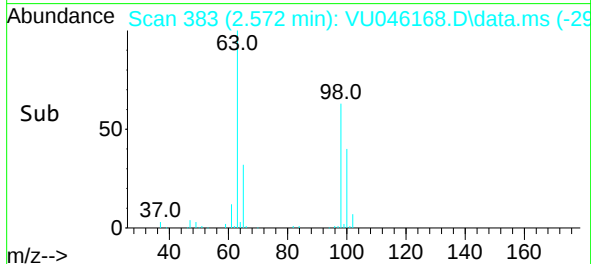
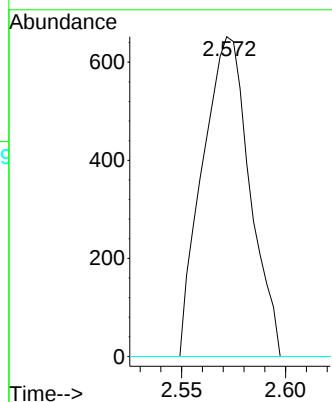


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.583 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046168.D
 Acq: 07 Dec 2021 22:33

Instrument :
 MSVOA_U
 ClientSampleId :

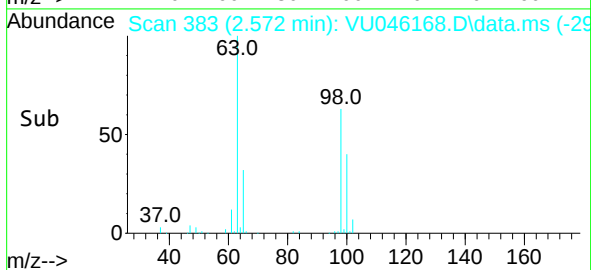
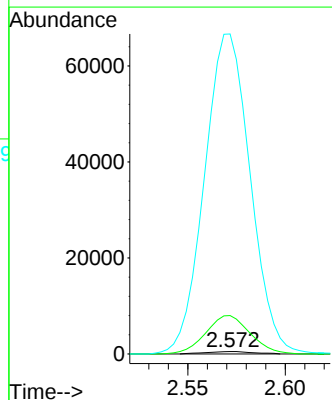
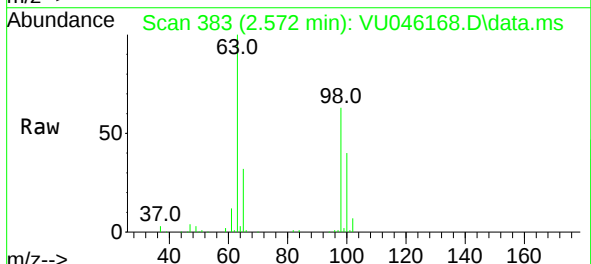


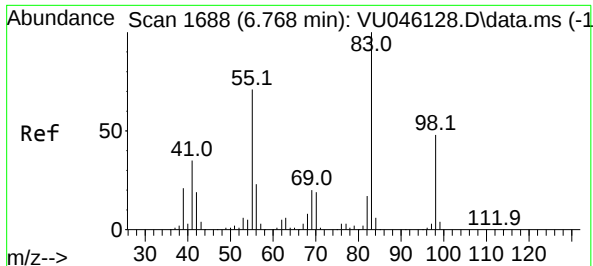
Tgt Ion:101 Resp: 1032
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.496 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU046168.D
 Acq: 07 Dec 2021 22:33

Tgt Ion: 96 Resp: 834
 Ion Ratio Lower Upper
 96 100
 61 1583.0 118.6 220.2#
 63 13174.7 93.0 172.8#





#35

Methylcyclohexane

Concen: 7.717 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.077 min

Lab File: VU046168.D

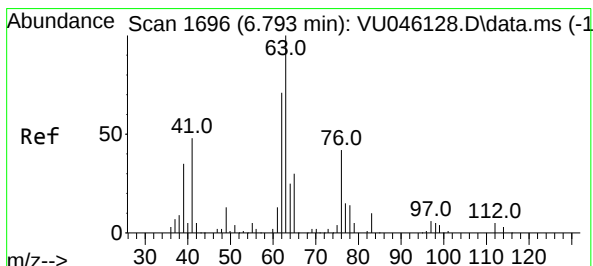
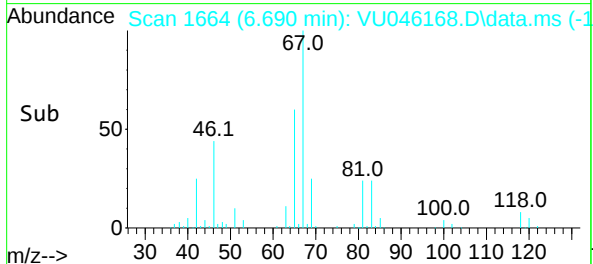
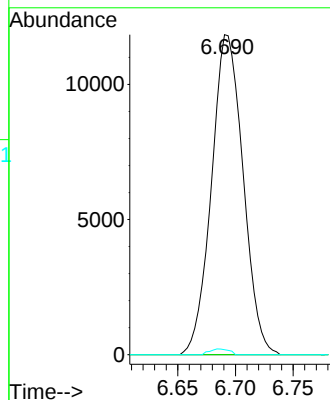
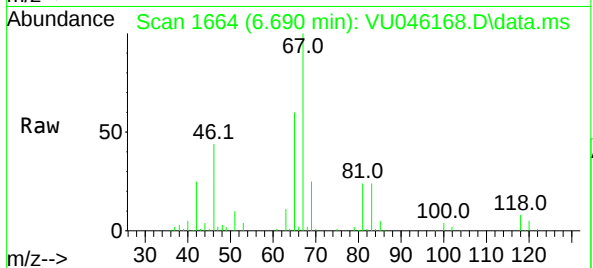
Acq: 07 Dec 2021 22:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 22561
Ion Ratio	Lower Upper
83 100	
55 0.0	57.8 86.6#
98 1.1	38.4 57.6#



#37

1,2-Dichloropropane

Concen: 5.123 ug/L

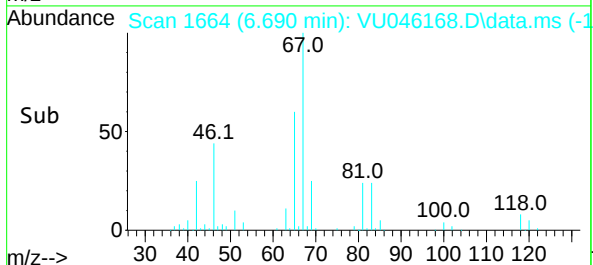
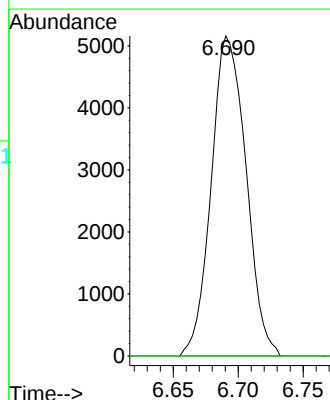
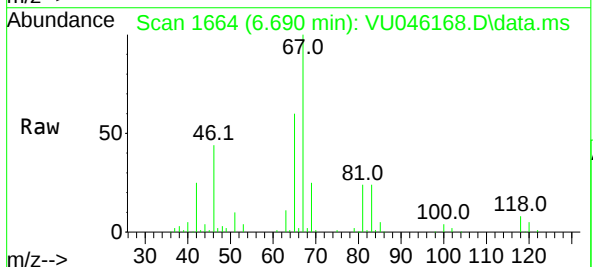
RT: 6.690 min Scan# 1664

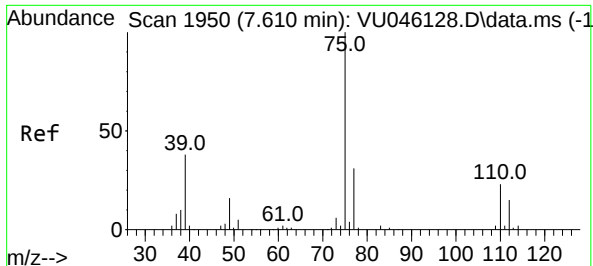
Delta R.T. -0.103 min

Lab File: VU046168.D

Acq: 07 Dec 2021 22:33

Tgt Ion: 63	Resp: 9605
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.959 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046168.D

Acq: 07 Dec 2021 22:33

Instrument :

MSVOA_U

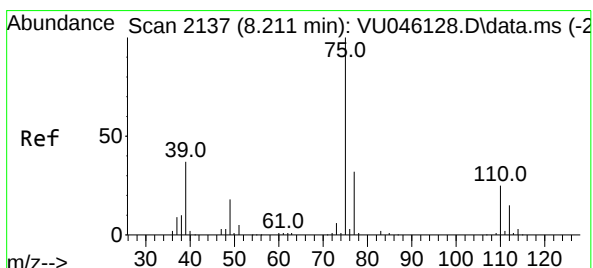
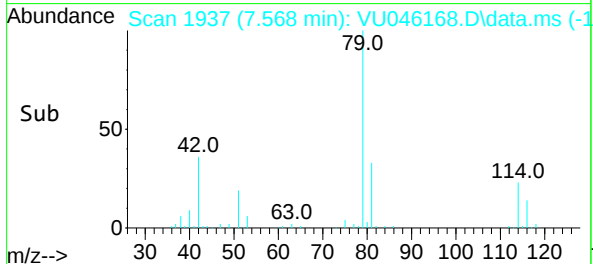
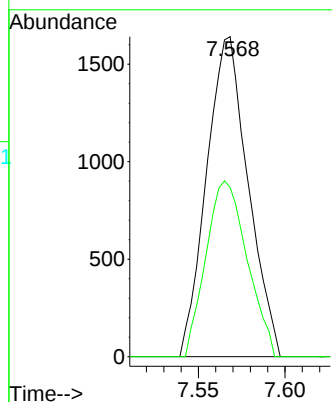
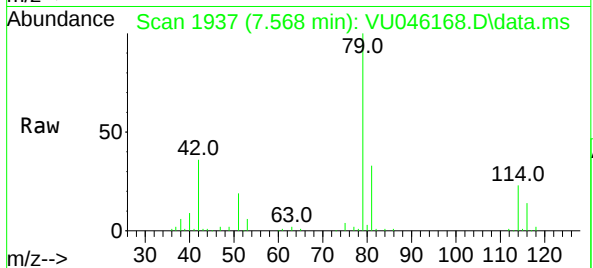
ClientSampleId :

Tgt Ion: 75 Resp: 2735

Ion Ratio Lower Upper

75 100

77 52.9 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.643 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046168.D

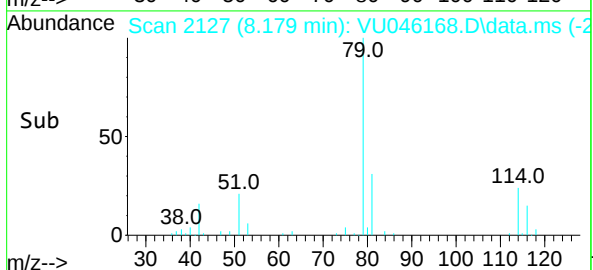
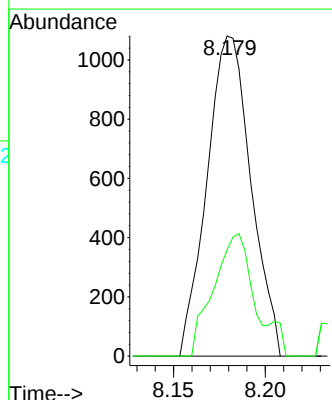
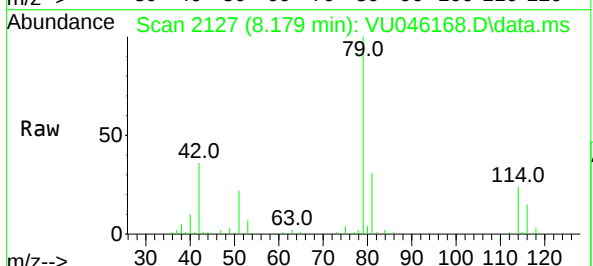
Acq: 07 Dec 2021 22:33

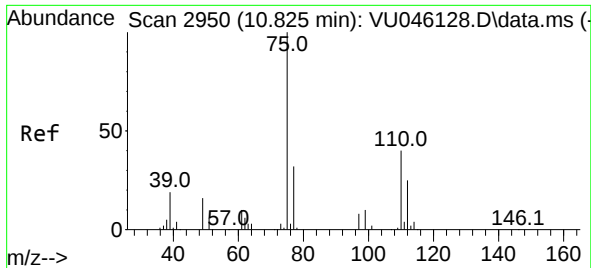
Tgt Ion: 75 Resp: 1800

Ion Ratio Lower Upper

75 100

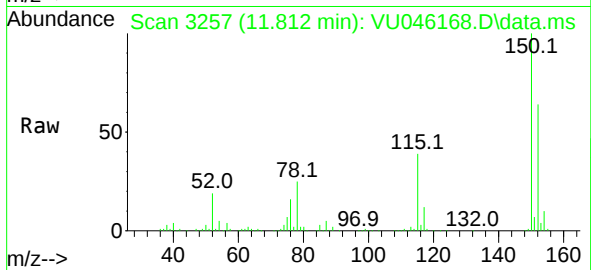
77 33.1 21.7 40.3





#60
 1,2,3-Trichloropropane
 Concen: 5.118 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046168.D
 Acq: 07 Dec 2021 22:33

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 14332
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.4 39.6
 110 2.5 32.4 48.6#

