

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047952.D
 Acq On : 12 Apr 2022 13:54
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 01:34:28 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)

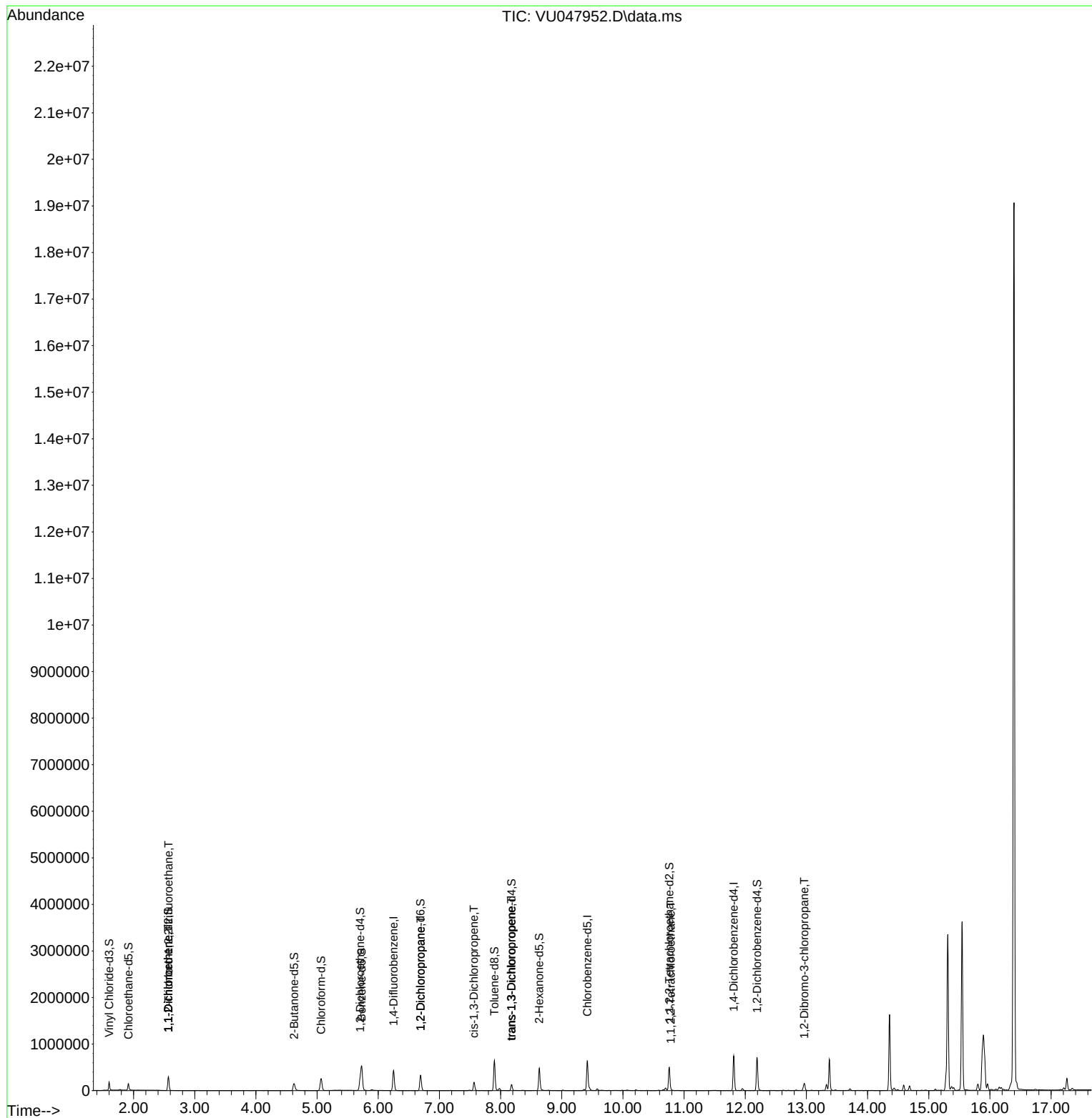
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	368698	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	383045	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	210450	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	131163	49.057	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.120%
7) Chloroethane-d5	1.916	69	113757	53.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.920%
11) 1,1-Dichloroethene-d2	2.568	63	168502	34.446	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.900%
21) 2-Butanone-d5	4.623	46	219040	95.448	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.450%
24) Chloroform-d	5.066	84	240358	49.132	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.260%
26) 1,2-Dichloroethane-d4	5.703	65	160929	53.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.280%
32) Benzene-d6	5.729	84	500535	51.931	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.860%
36) 1,2-Dichloropropane-d6	6.690	67	160239	54.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.260%
41) Toluene-d8	7.899	98	441523	47.017	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.040%
43) trans-1,3-Dichloroprop...	8.179	79	73730	49.166	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.340%
47) 2-Hexanone-d5	8.632	63	166207	95.917	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	248931	49.002	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	195482	52.211	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.420%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1573	0.579	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1275	0.504	ug/L #	1
37) 1,2-Dichloropropane	6.693	63	16760	5.946	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	4358	0.996	ug/L #	62
44) trans-1,3-Dichloropropene	8.176	75	2981	0.683	ug/L #	80
57) 1,1,2,2-Tetrachloroethane	10.783	83	4104	0.732	ug/L #	37
68) 1,2-Dibromo-3-chloropr...	12.967	75	27975	22.013	ug/L #	3

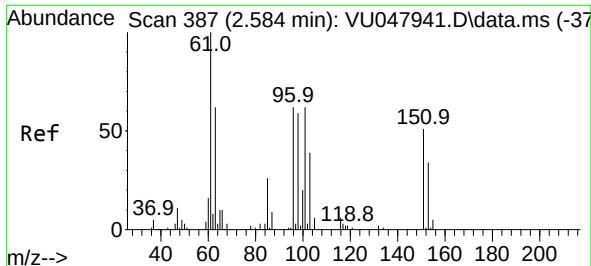
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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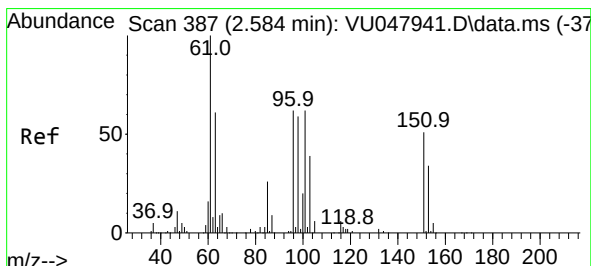
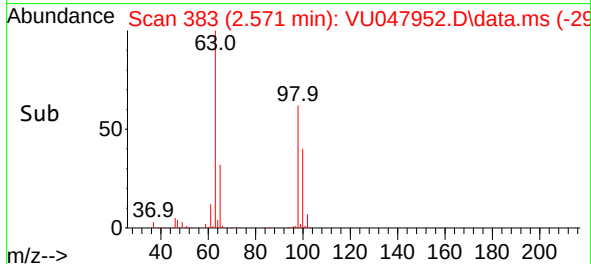
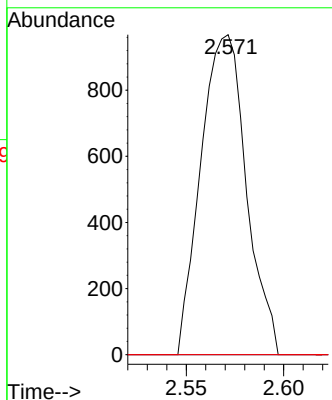
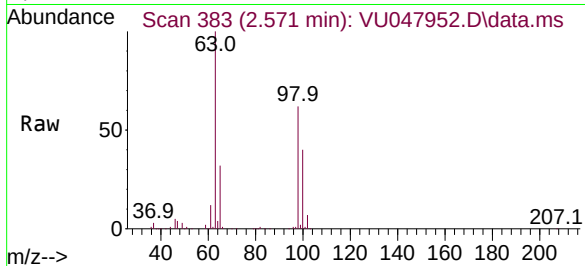




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.579 ug/L
 RT: 2.571 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU047952.D
 Acq: 12 Apr 2022 13:54

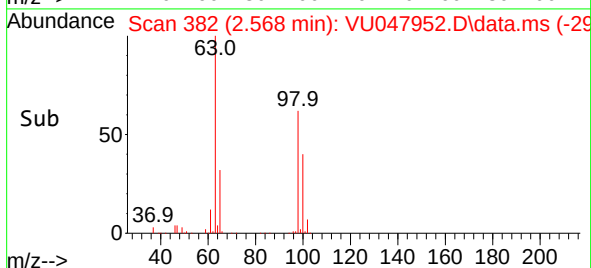
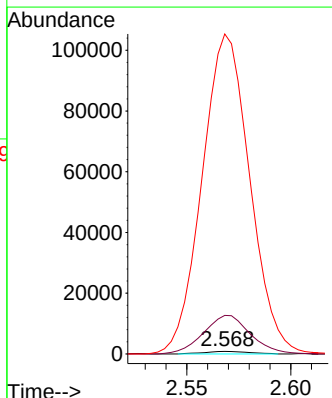
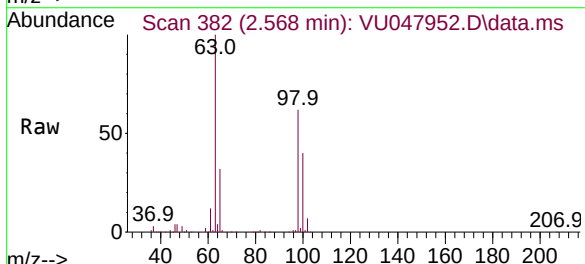
Instrument :
 MSVOA_U
 ClientSampleId :

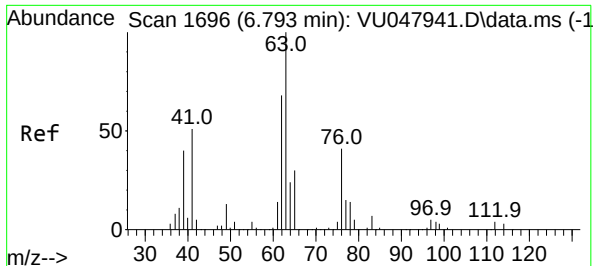
Tgt Ion:101 Resp: 1573
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.504 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU047952.D
 Acq: 12 Apr 2022 13:54

Tgt Ion: 96 Resp: 1275
 Ion Ratio Lower Upper
 96 100
 61 1464.4 113.1 210.1#
 63 12125.2 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.946 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047952.D

Acq: 12 Apr 2022 13:54

Instrument :

MSVOA_U

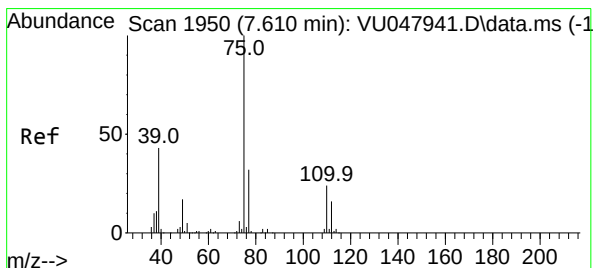
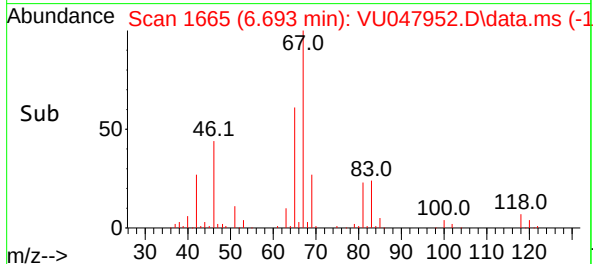
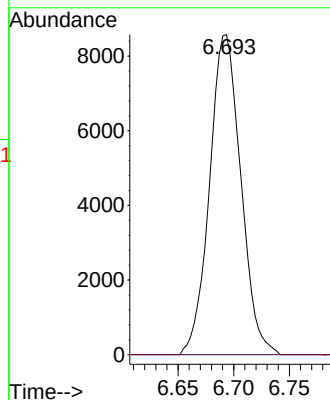
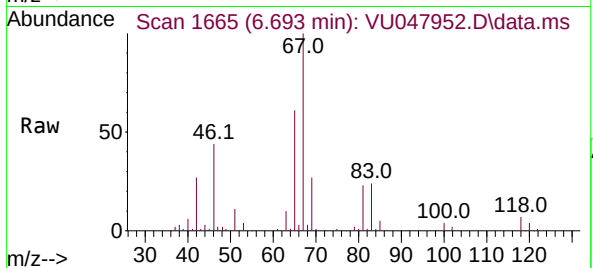
ClientSampleId :

Tgt Ion: 63 Resp: 16760

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.996 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU047952.D

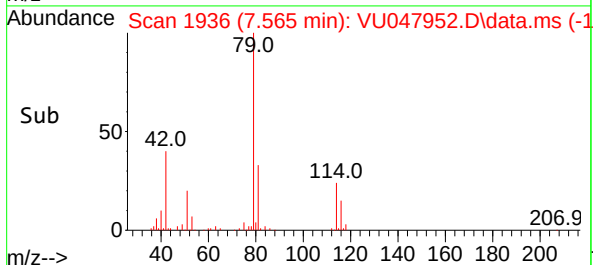
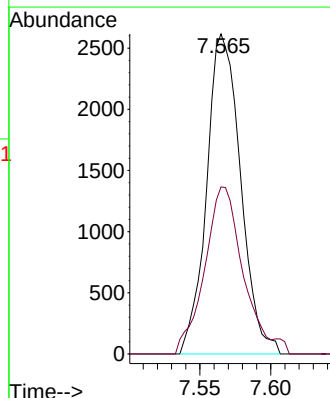
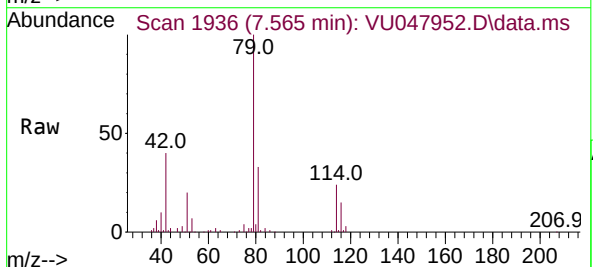
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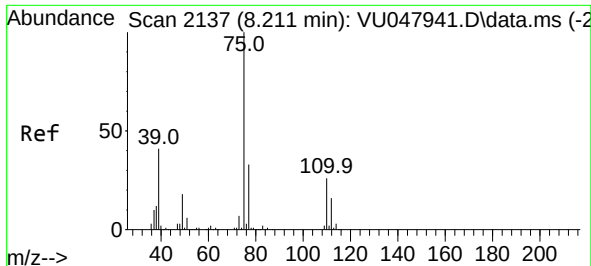
Tgt Ion: 75 Resp: 4358

Ion Ratio Lower Upper

75 100

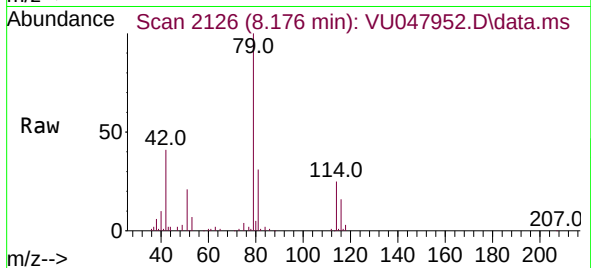
77 52.2 21.8 40.6#



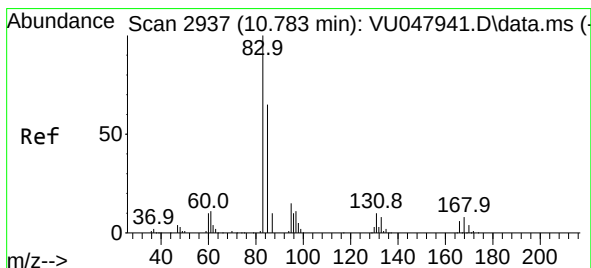
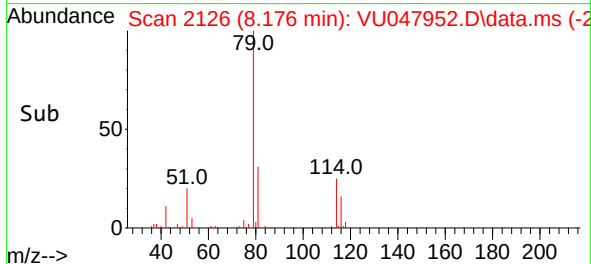
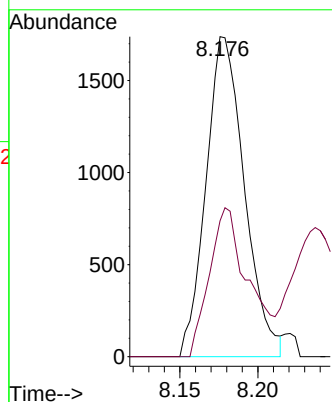


#44
trans-1,3-Dichloropropene
Concen: 0.683 ug/L
RT: 8.176 min Scan# 2137
Delta R.T. -0.035 min
Lab File: VU047952.D
Acq: 12 Apr 2022 13:54

Instrument :
MSVOA_U
ClientSampleId :

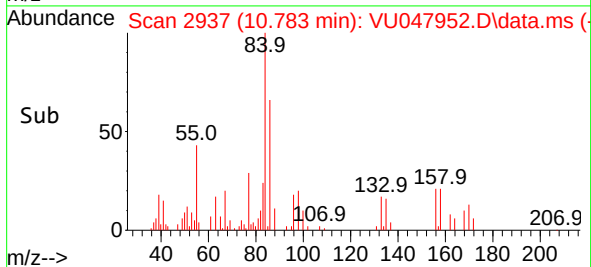
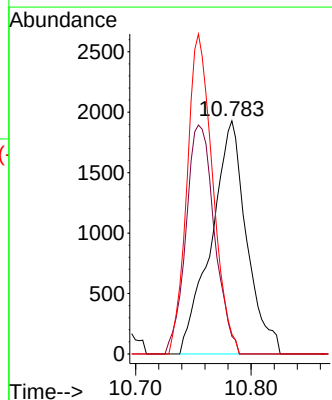
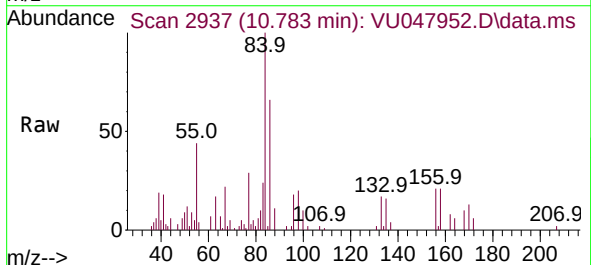


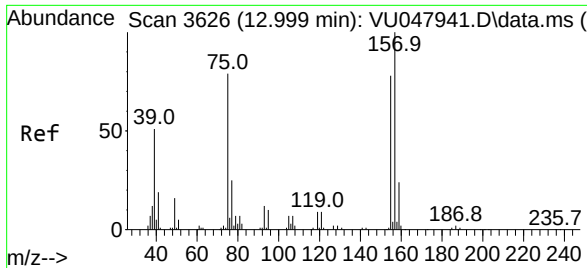
Tgt Ion: 75 Resp: 2981
Ion Ratio Lower Upper
75 100
77 42.5 22.0 40.8#



#57
1,1,2,2-Tetrachloroethane
Concen: 0.732 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047952.D
Acq: 12 Apr 2022 13:54

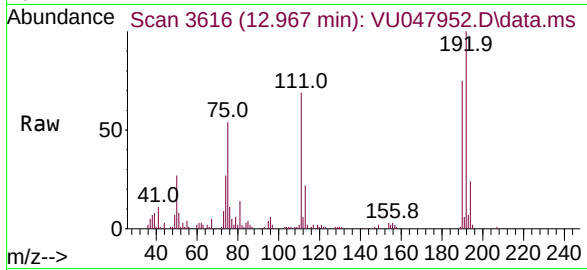
Tgt Ion: 83 Resp: 4104
Ion Ratio Lower Upper
83 100
85 7.6 44.9 83.3#
131 8.5 8.6 13.0#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 22.013 ug/L
 RT: 12.967 min Scan# 30
 Delta R.T. -0.032 min
 Lab File: VU047952.D
 Acq: 12 Apr 2022 13:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 27975
 Ion Ratio Lower Upper
 75 100
 155 9.8 78.9 118.3#
 157 6.0 97.5 146.3#

