

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011122\
 Data File : VU046726.D
 Acq On : 11 Jan 2022 14:29
 Operator : SY/MD
 Sample : N1084-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 12 04:51:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 12 04:49:52 2022
 Response via : Initial Calibration

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

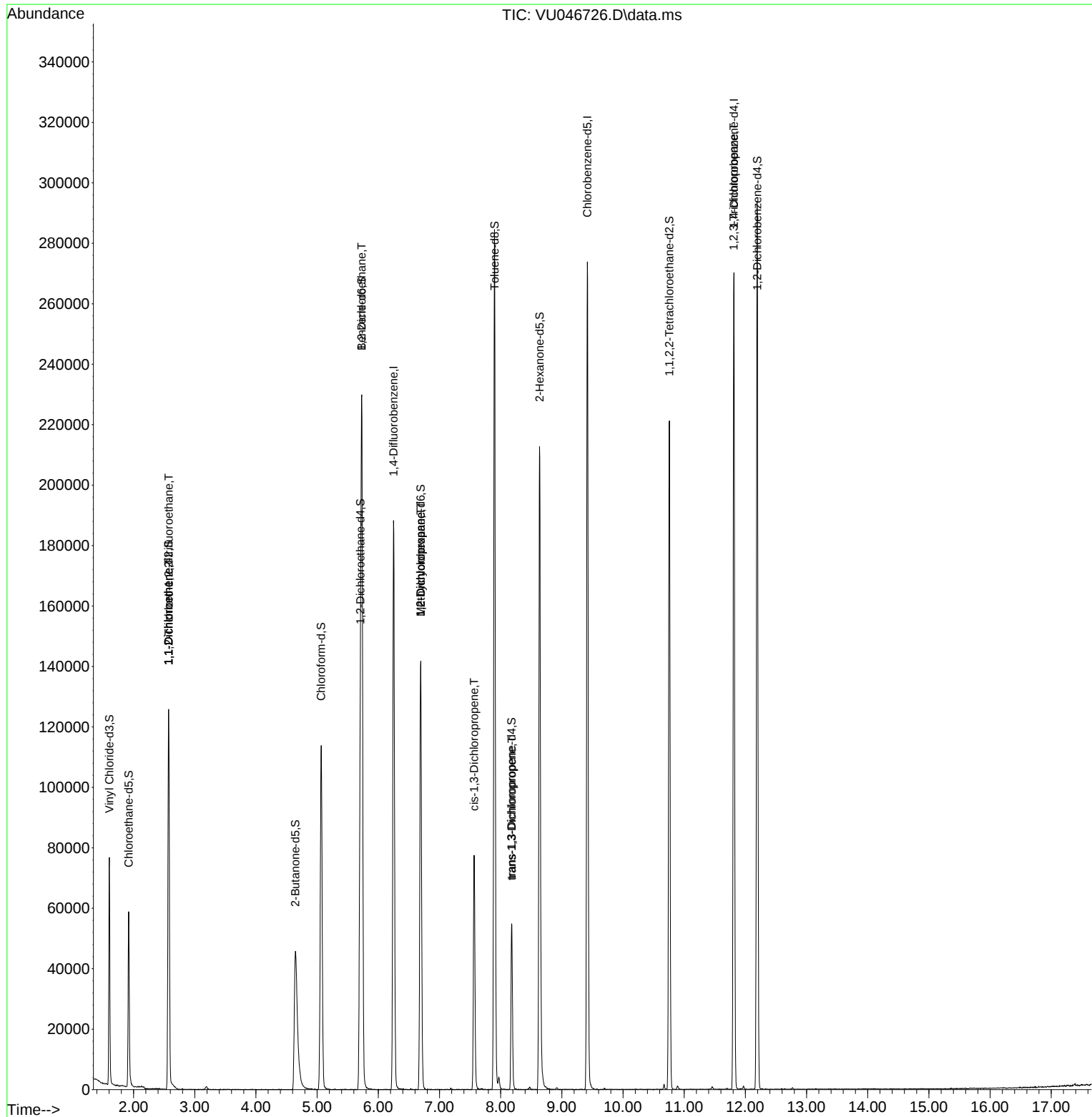
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	155525	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	159392	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	73157	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	55546	40.928	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.860%		
7) Chloroethane-d5	1.919	69	45022	44.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.320%		
11) 1,1-Dichloroethene-d2	2.572	63	75395	32.663	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.320%		
21) 2-Butanone-d5	4.645	46	102829	103.524	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.520%		
24) Chloroform-d	5.067	84	107807	45.061	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.120%		
26) 1,2-Dichloroethane-d4	5.707	65	74996	49.427	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.860%		
32) Benzene-d6	5.729	84	217812	43.788	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.580%		
36) 1,2-Dichloropropane-d6	6.694	67	67698	44.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.200%		
41) Toluene-d8	7.899	98	191522	43.069	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.140%		
43) trans-1,3-Dichloroprop...	8.179	79	33092	45.257	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.520%		
47) 2-Hexanone-d5	8.636	63	82301	102.072	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.070%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	109299	46.498	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	77438	51.155	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.300%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	532	0.486	ug/L #	20
12) 1,1-Dichloroethene	2.572	96	507	0.492	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	1143	0.693	ug/L #	74
35) Methylcyclohexane	6.694	83	17129	8.870	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	7369	6.074	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1789	0.958	ug/L #	54
44) trans-1,3-Dichloropropene	8.182	75	1348	0.744	ug/L	95
60) 1,2,3-Trichloropropane	11.809	75	7988	5.189	ug/L #	65

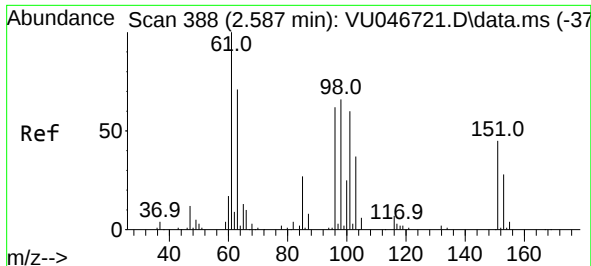
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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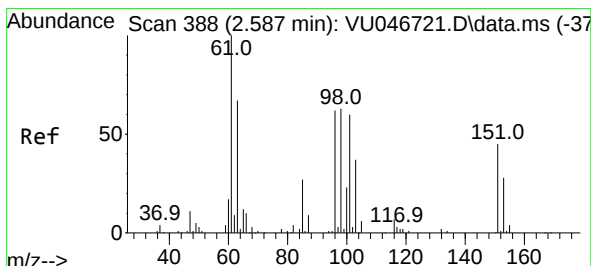
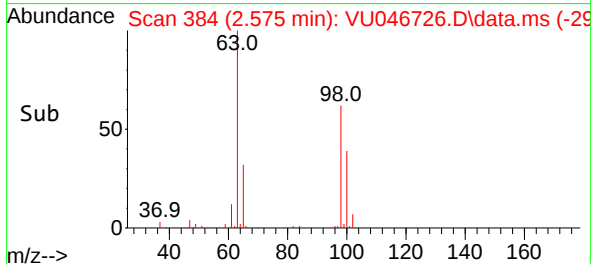
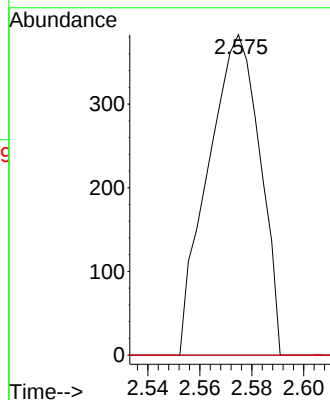
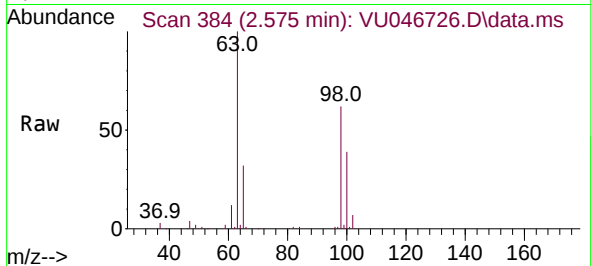




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.486 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046726.D
 Acq: 11 Jan 2022 14:29

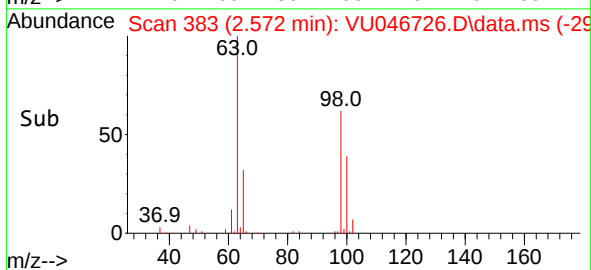
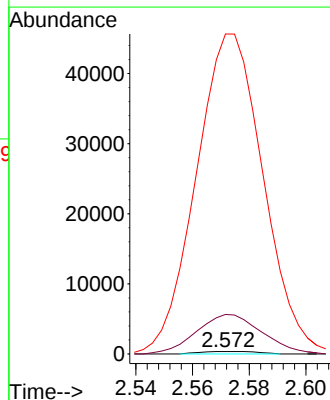
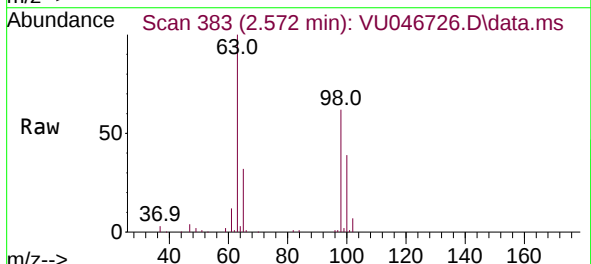
Instrument :
 MSVOA_U
 ClientSampleId :

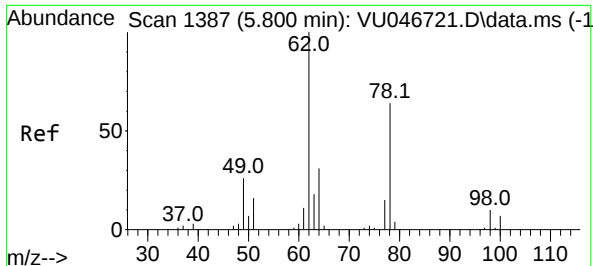
Tgt Ion:101 Resp: 532
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.9 52.3#
 151 0.0 58.3 87.5#



#12
 1,1-Dichloroethene
 Concen: 0.492 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046726.D
 Acq: 11 Jan 2022 14:29

Tgt Ion: 96 Resp: 507
 Ion Ratio Lower Upper
 96 100
 61 1611.4 114.9 213.3#
 63 13042.3 86.0 159.8#

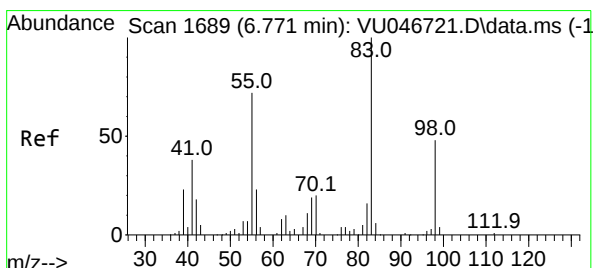
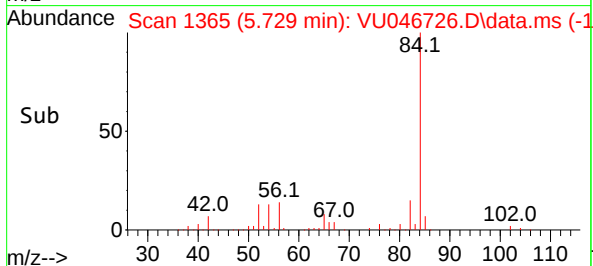
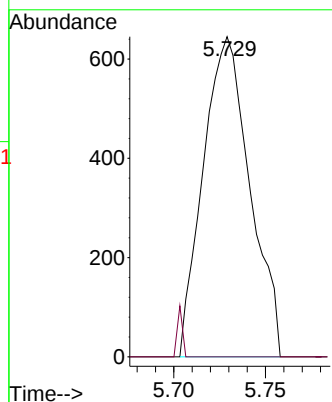
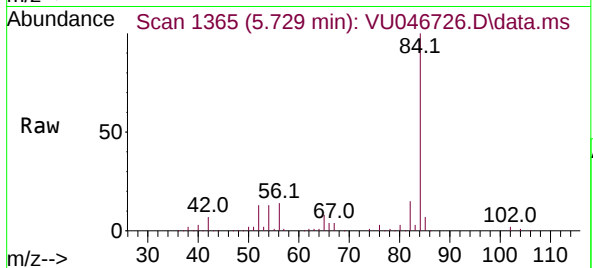




#27
1,2-Dichloroethane
Concen: 0.693 ug/L
RT: 5.729 min Scan# 11
Delta R.T. -0.071 min
Lab File: VU046726.D
Acq: 11 Jan 2022 14:29

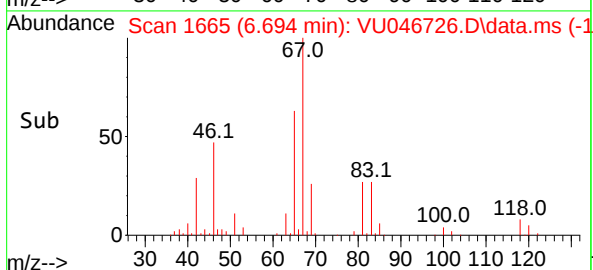
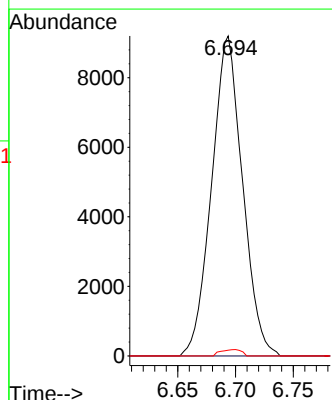
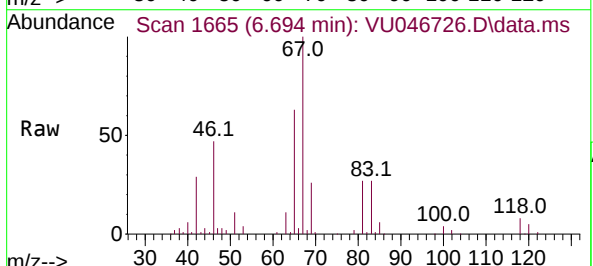
Instrument :
MSVOA_U
ClientSampleId :

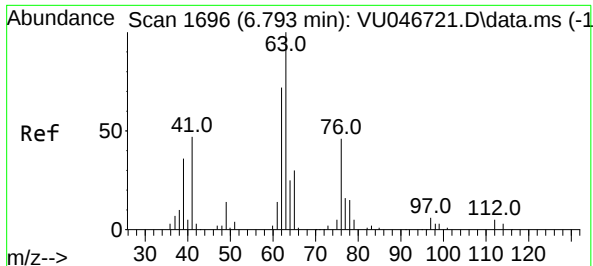
Tgt Ion: 62 Resp: 1143
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#



#35
Methylcyclohexane
Concen: 8.870 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.077 min
Lab File: VU046726.D
Acq: 11 Jan 2022 14:29

Tgt Ion: 83 Resp: 17129
Ion Ratio Lower Upper
83 100
55 0.0 56.6 85.0#
98 1.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 6.074 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU046726.D

Acq: 11 Jan 2022 14:29

Instrument :

MSVOA_U

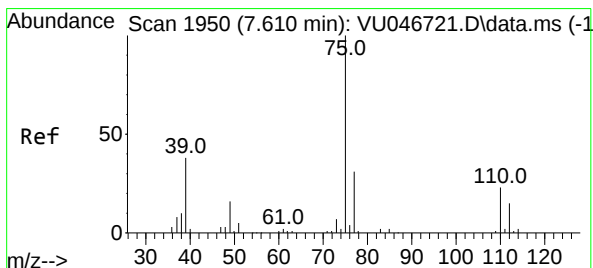
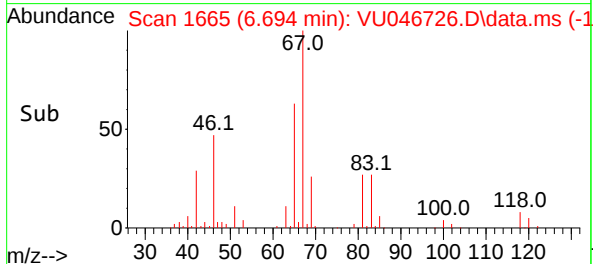
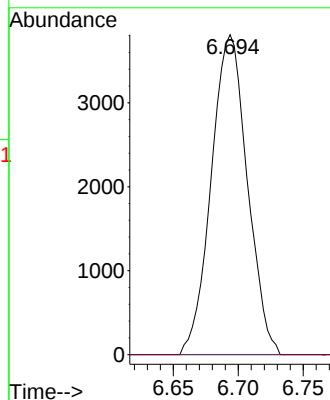
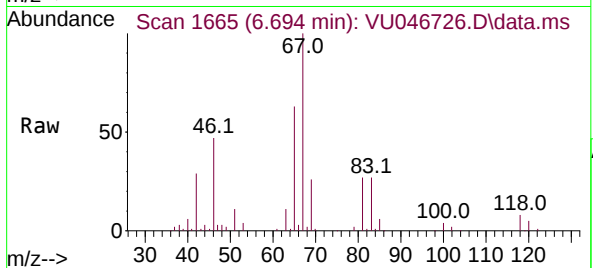
ClientSampleId :

Tgt Ion: 63 Resp: 7369

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 0.958 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046726.D

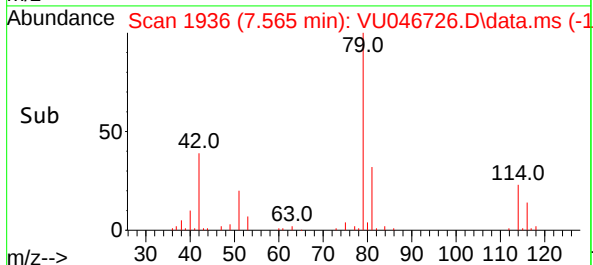
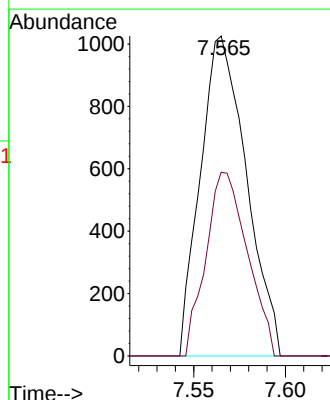
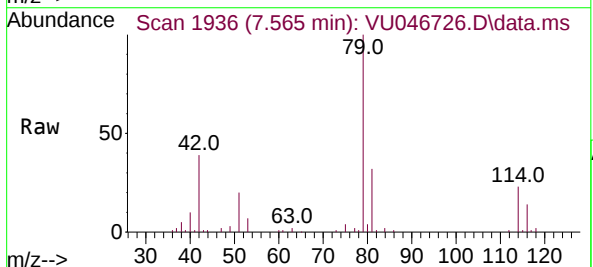
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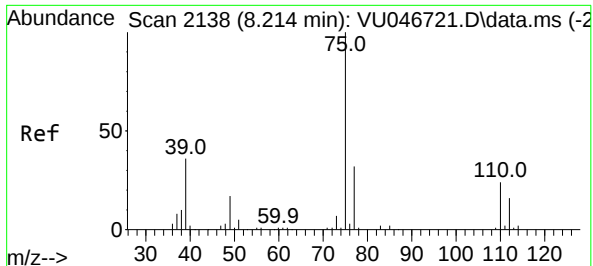
Tgt Ion: 75 Resp: 1789

Ion Ratio Lower Upper

75 100

77 57.4 22.3 41.3#

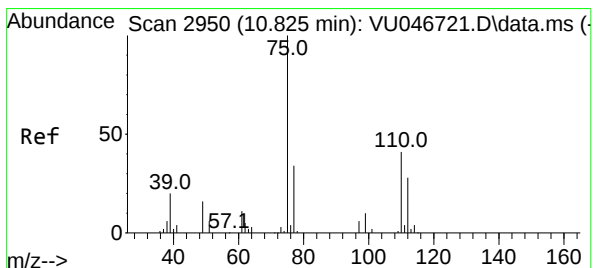
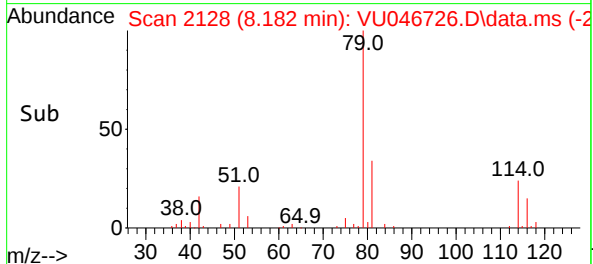
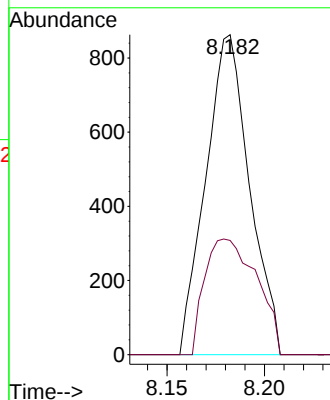
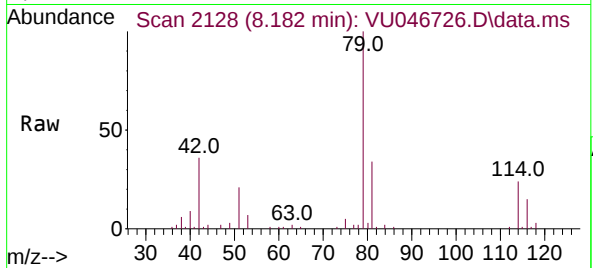




#44
 trans-1,3-Dichloropropene
 Concen: 0.744 ug/L
 RT: 8.182 min Scan# 2138
 Delta R.T. -0.032 min
 Lab File: VU046726.D
 Acq: 11 Jan 2022 14:29

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 1348
 Ion Ratio Lower Upper
 75 100
 77 35.7 23.0 42.8



#60
 1,2,3-Trichloropropane
 Concen: 5.189 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.984 min
 Lab File: VU046726.D
 Acq: 11 Jan 2022 14:29

Tgt Ion: 75 Resp: 7988
 Ion Ratio Lower Upper
 75 100
 77 34.1 26.2 39.2
 110 3.0 32.5 48.7#

