

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071822\
 Data File : VU049763.D
 Acq On : 18 Jul 2022 16:03
 Operator : SY/MD
 Sample : N3743-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jul 19 02:11:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 19 02:09:49 2022
 Response via : Initial Calibration

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

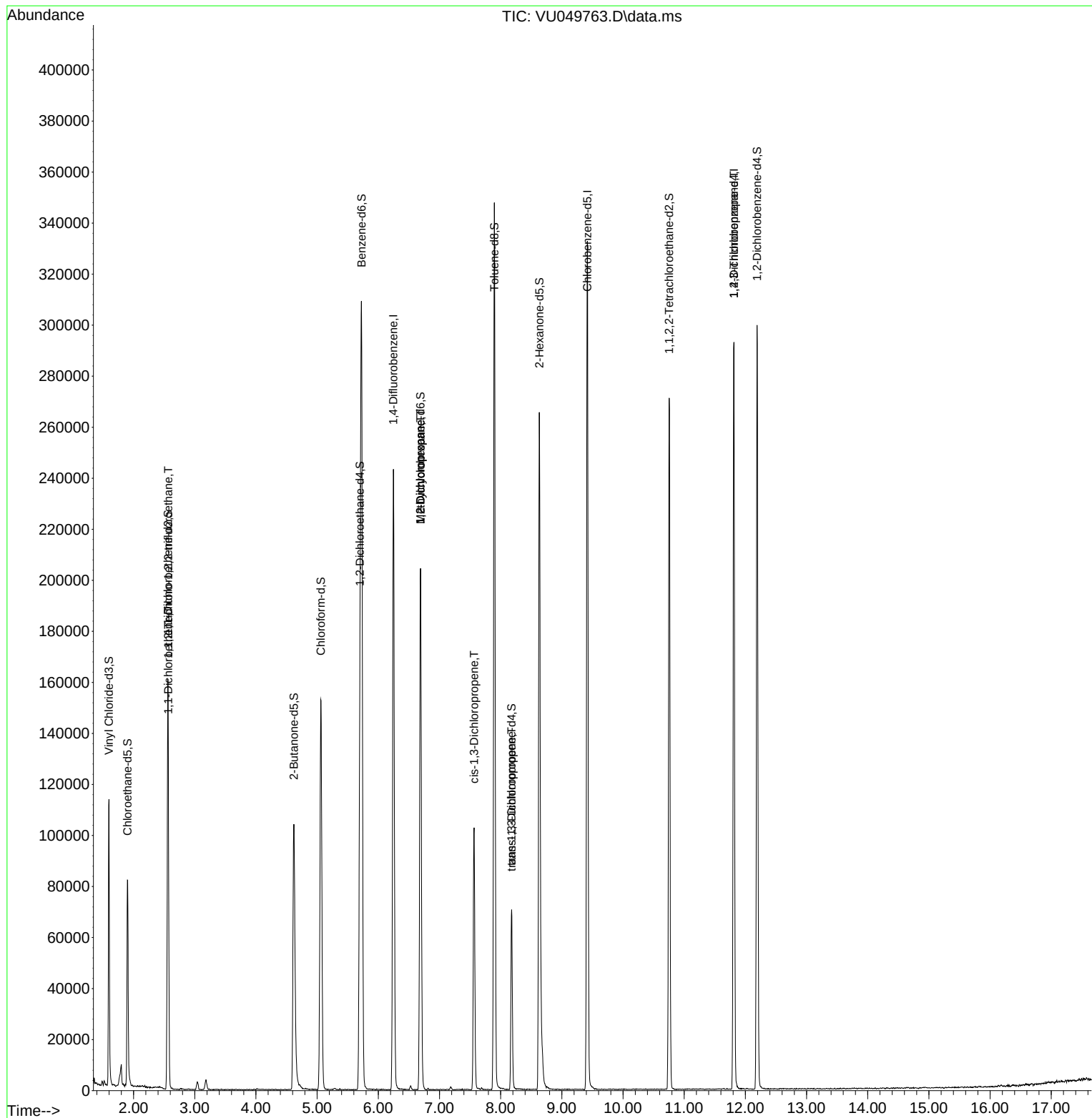
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	184460	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	175227	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	73720	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79996	51.399	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.800%			
7) Chloroethane-d5	1.900	69	59641	53.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.020%			
11) 1,1-Dichloroethene-d2	2.562	63	95740	34.825	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.660%			
21) 2-Butanone-d5	4.620	46	151517	114.041	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.040%			
24) Chloroform-d	5.060	84	140779	51.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.140%			
26) 1,2-Dichloroethane-d4	5.700	65	101597	54.456	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.920%			
32) Benzene-d6	5.726	84	270949	50.898	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.800%			
36) 1,2-Dichloropropane-d6	6.690	67	93943	52.466	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.940%			
41) Toluene-d8	7.896	98	221581	47.797	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.600%			
43) trans-1,3-Dichloroprop...	8.179	79	38497	51.030	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.060%			
47) 2-Hexanone-d5	8.632	63	80992	100.557	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.560%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	130613	52.133	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.260%			
66) 1,2-Dichlorobenzene-d4	12.192	152	72363	52.062	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.120%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	896	0.631	ug/L #	20
12) 1,1-Dichloroethene	2.568	96	571	0.433	ug/L #	1
35) Methylcyclohexane	6.690	83	21410	8.558	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	11129	6.096	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2787	1.132	ug/L #	76
44) trans-1,3-Dichloropropene	8.176	75	1783	0.771	ug/L #	72
60) 1,2,3-Trichloropropane	11.812	75	9895	5.039	ug/L #	68

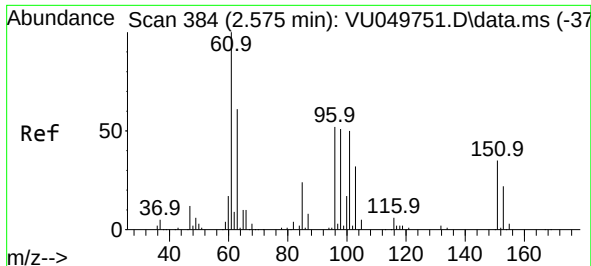
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.631 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.010 min

Lab File: VU049763.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

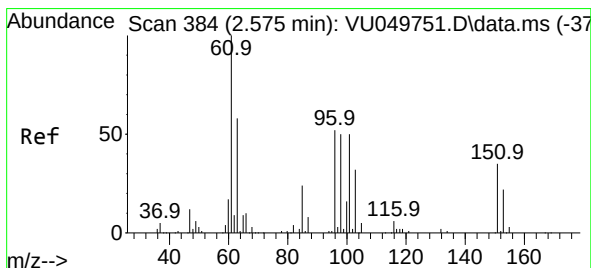
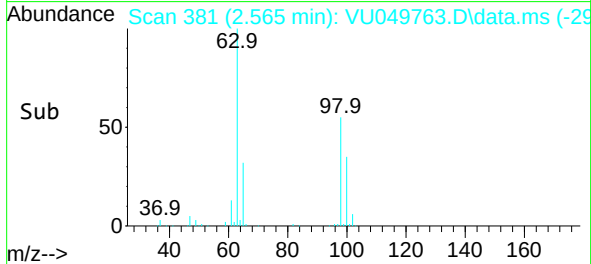
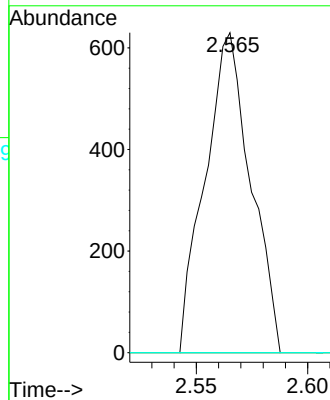
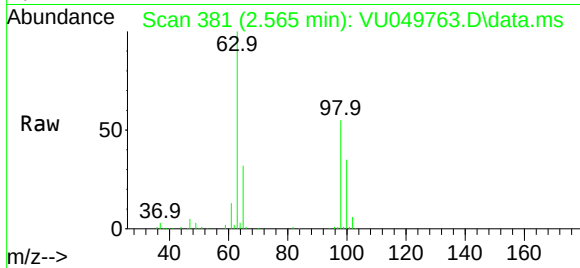
Tgt Ion:101 Resp: 896

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

151 0.0 56.9 85.3#



#12

1,1-Dichloroethene

Concen: 0.433 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.006 min

Lab File: VU049763.D

Acq: 18 Jul 2022 16:03

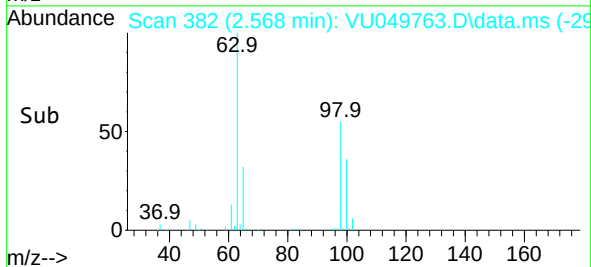
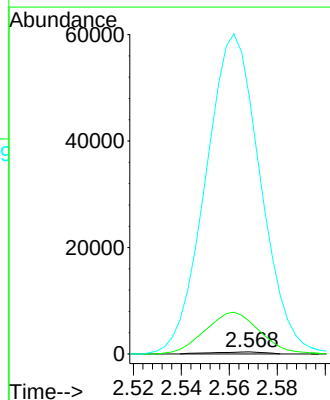
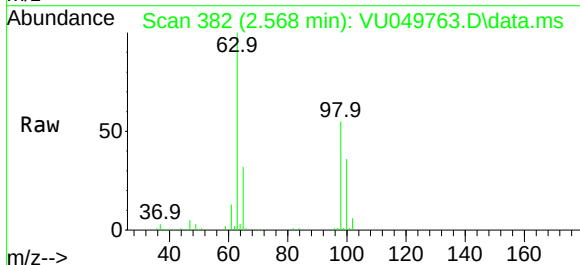
Tgt Ion: 96 Resp: 571

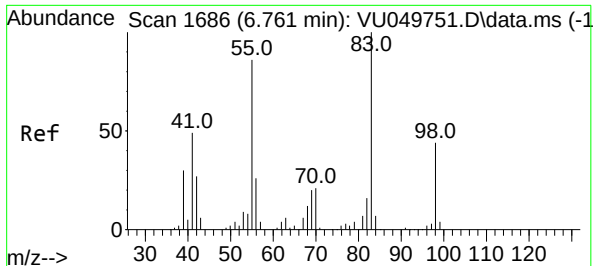
Ion Ratio Lower Upper

96 100

61 1606.0 129.6 240.6#

63 12690.8 79.0 146.6#

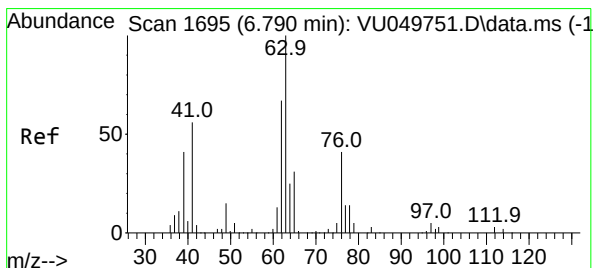
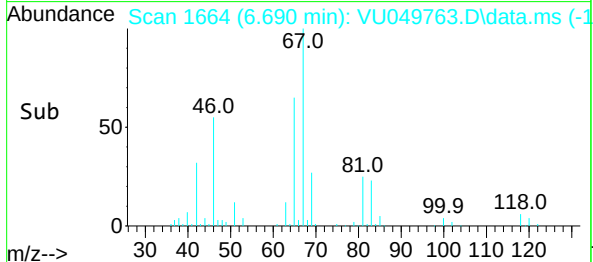
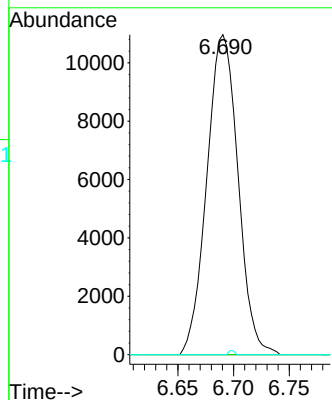
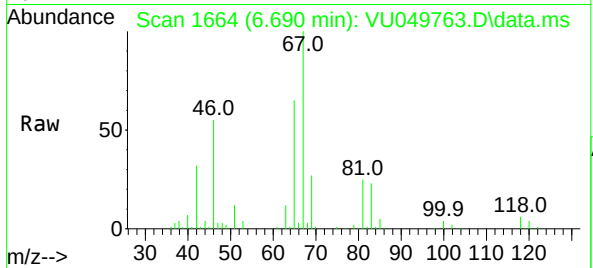




#35
Methylcyclohexane
Concen: 8.558 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049763.D
Acq: 18 Jul 2022 16:03

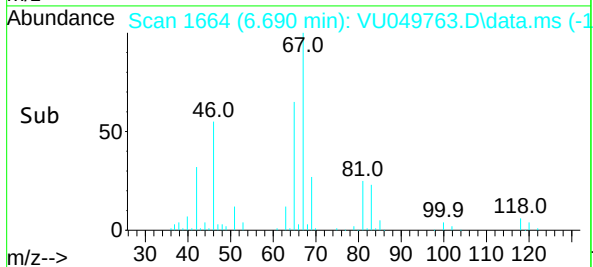
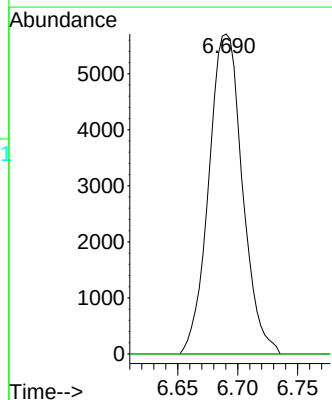
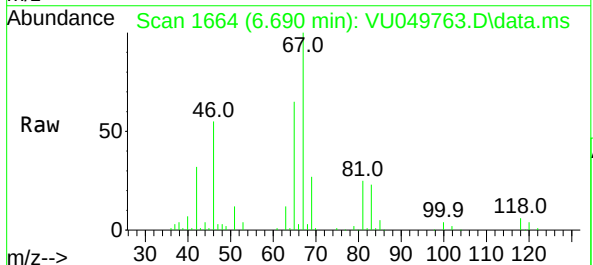
Instrument :
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ClientSampleId :
VHBLK001

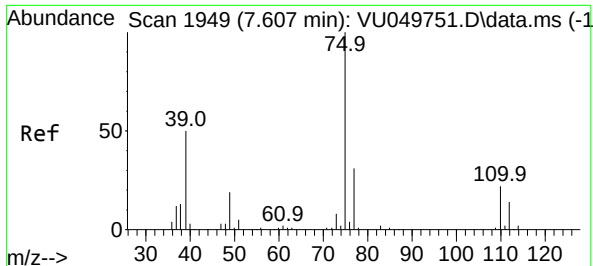
Tgt Ion: 83 Resp: 21410
Ion Ratio Lower Upper
83 100
55 0.0 66.0 99.0#
98 0.2 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 6.096 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049763.D
Acq: 18 Jul 2022 16:03

Tgt Ion: 63 Resp: 11129
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.132 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049763.D

Acq: 18 Jul 2022 16:03

Instrument :

MSVOA_U

ClientSampleId :

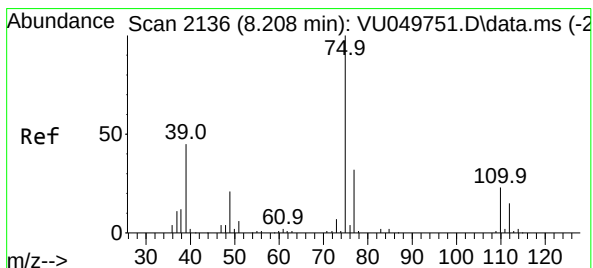
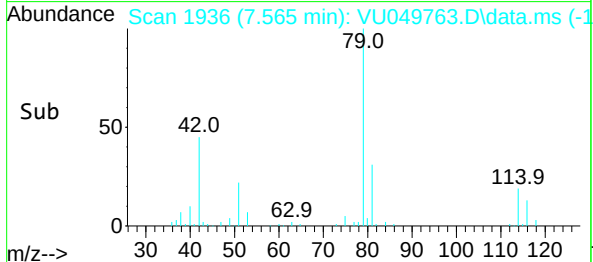
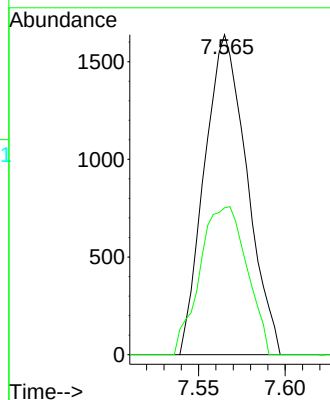
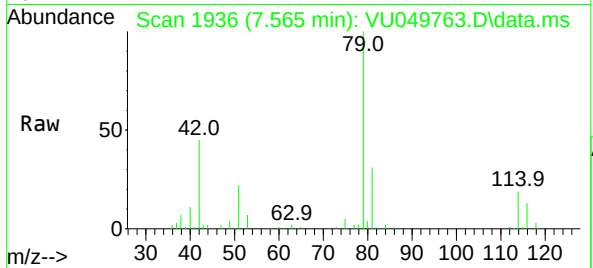
VHBLK001

Tgt Ion: 75 Resp: 2787

Ion Ratio Lower Upper

75 100

77 45.9 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.771 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU049763.D

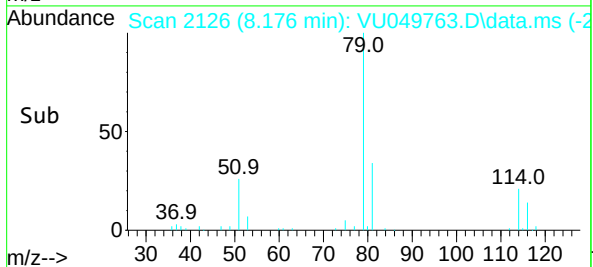
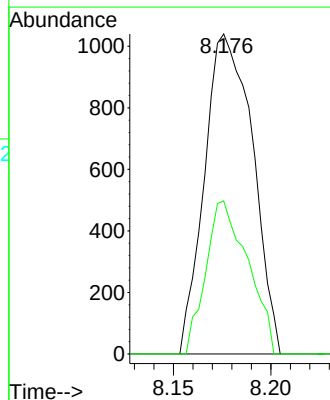
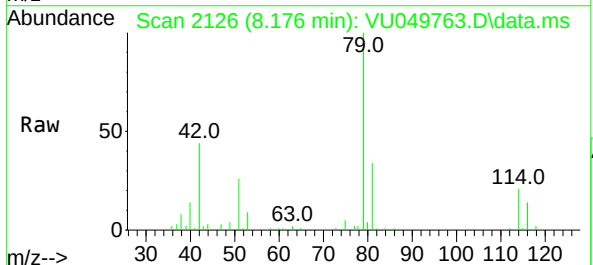
Acq: 18 Jul 2022 16:03

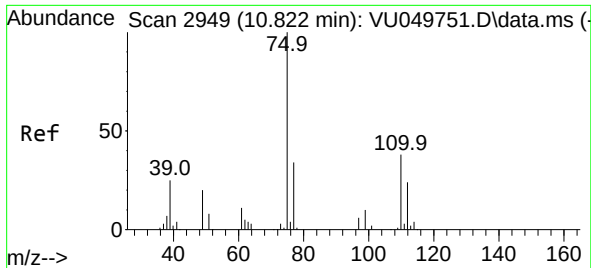
Tgt Ion: 75 Resp: 1783

Ion Ratio Lower Upper

75 100

77 47.9 22.5 41.9#





#60
 1,2,3-Trichloropropane
 Concen: 5.039 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049763.D
 Acq: 18 Jul 2022 16:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion: 75 Resp: 9895
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.5 38.3
 110 2.8 28.9 43.3#

