

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071822\New folder\
 Data File : VU049754.D
 Acq On : 18 Jul 2022 12:30
 Operator : SY/MD
 Sample : N3748-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E4

Quant Time: Jul 18 17:57:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

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

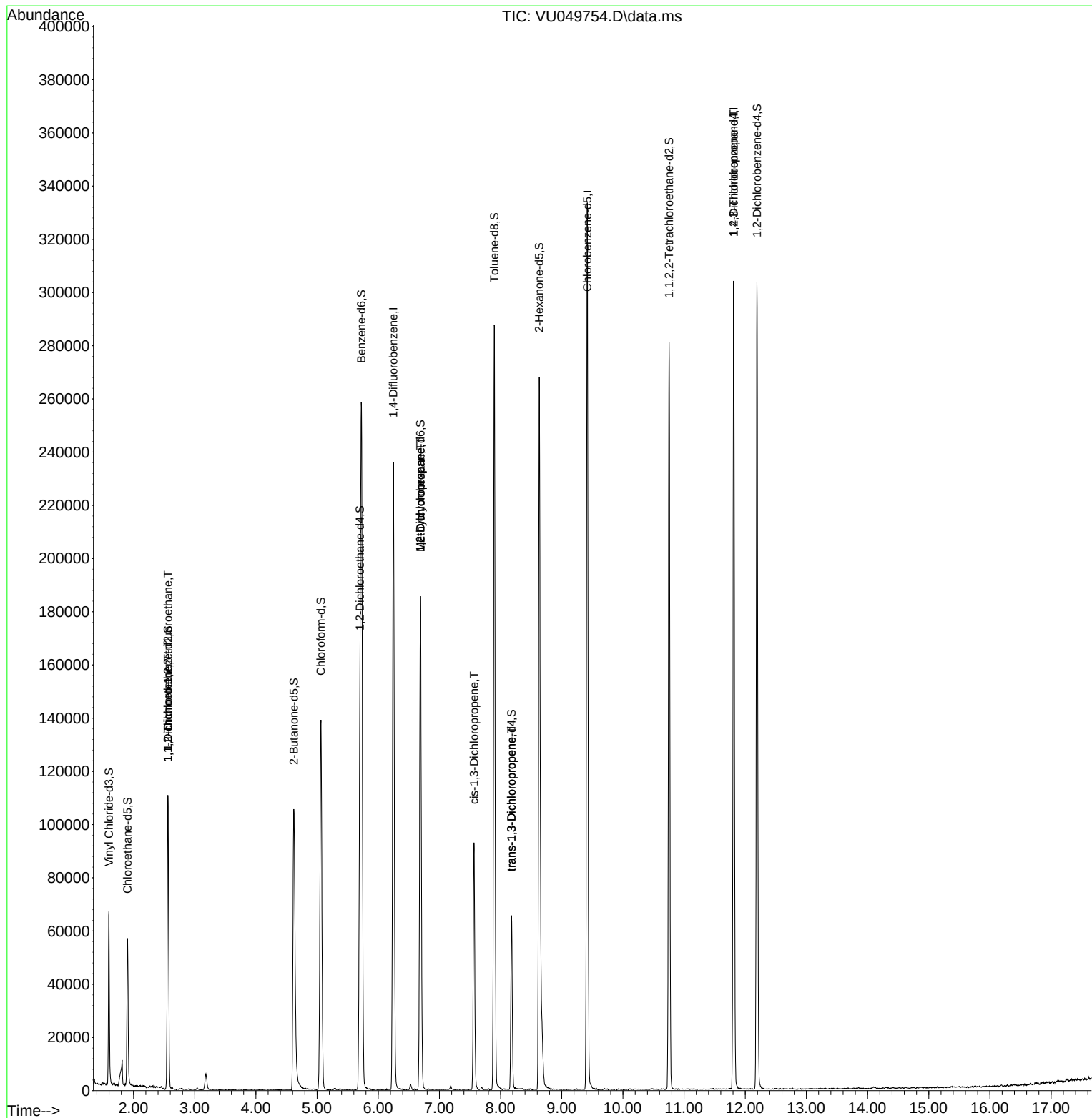
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	180982	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	174136	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76426	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46401	30.386	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	60.780%		
7) Chloroethane-d5	1.899	69	41588	37.677	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.360%		
11) 1,1-Dichloroethene-d2	2.562	63	67293	24.948	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	49.900%#		
21) 2-Butanone-d5	4.620	46	154254	118.332	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	118.330%		
24) Chloroform-d	5.063	84	126314	46.703	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.400%		
26) 1,2-Dichloroethane-d4	5.700	65	90799	49.604	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.200%		
32) Benzene-d6	5.726	84	222472	42.054	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.100%		
36) 1,2-Dichloropropane-d6	6.690	67	87533	49.193	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.380%		
41) Toluene-d8	7.899	98	182584	39.632	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.260%#		
43) trans-1,3-Dichloroprop...	8.179	79	35479	47.324	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.640%		
47) 2-Hexanone-d5	8.632	63	79860	99.773	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.770%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	135900	54.583	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.160%		
66) 1,2-Dichlorobenzene-d4	12.192	152	72594	50.379	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.760%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	548	0.393	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	489	0.378	ug/L #	1
35) Methylcyclohexane	6.690	83	19595	7.881	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	10108	5.571	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2455	1.003	ug/L #	76
44) trans-1,3-Dichloropropene	8.179	75	1675	0.729	ug/L	99
60) 1,2,3-Trichloropropane	11.812	75	10202	5.012	ug/L #	68

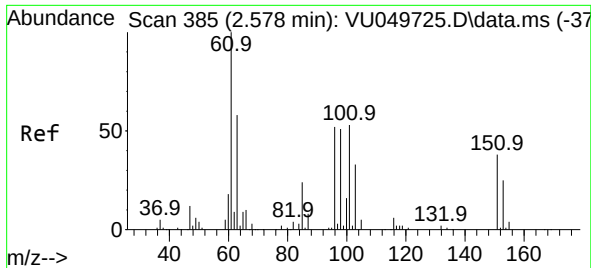
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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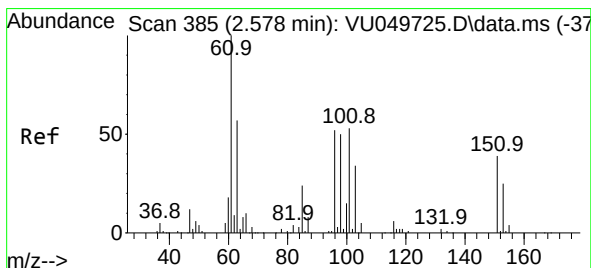
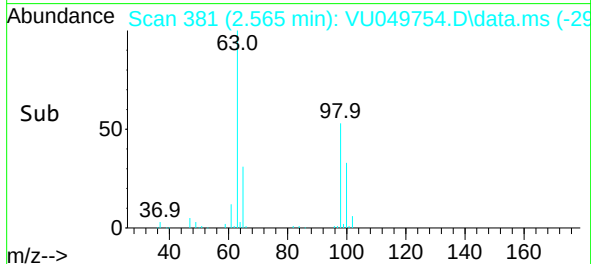
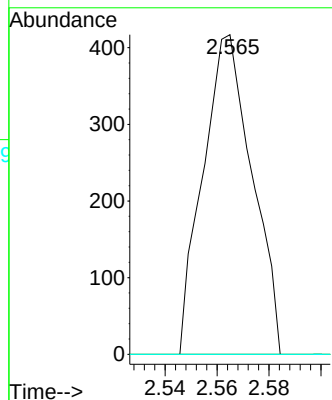
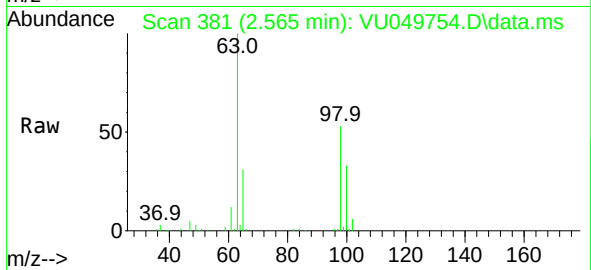




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.393 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU049754.D
 Acq: 18 Jul 2022 12:30

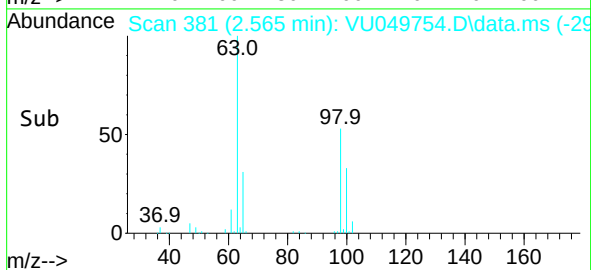
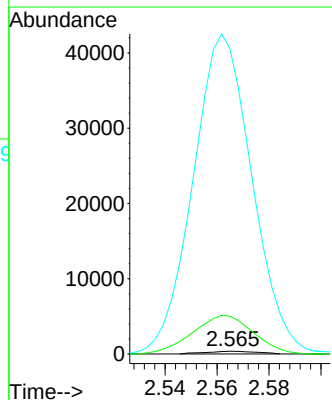
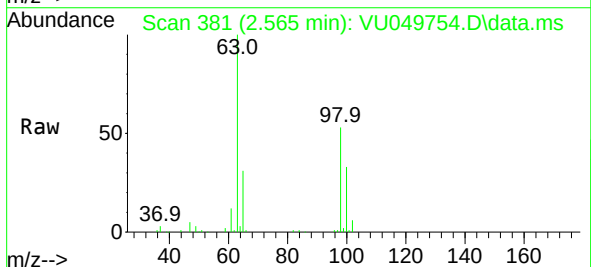
Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E4

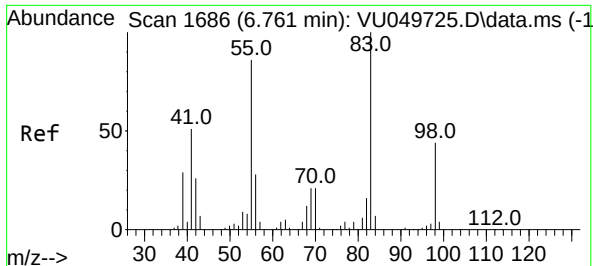
Tgt Ion:101 Resp: 548
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.378 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU049754.D
 Acq: 18 Jul 2022 12:30

Tgt Ion: 96 Resp: 489
 Ion Ratio Lower Upper
 96 100
 61 1388.4 129.6 240.6#
 63 11197.8 79.0 146.6#

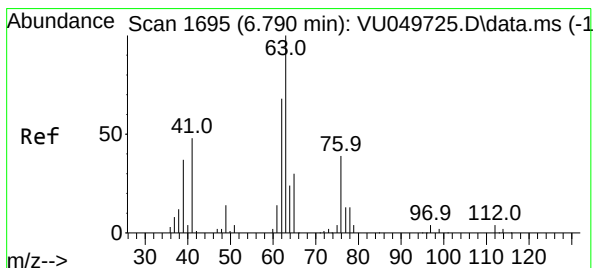
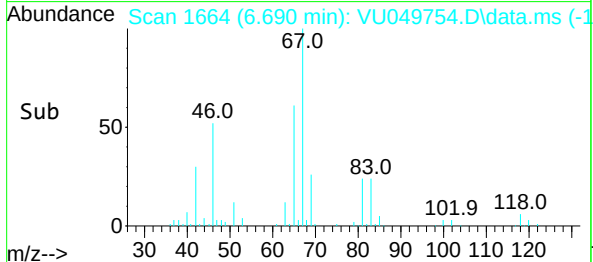
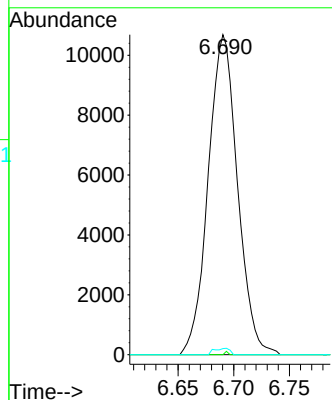
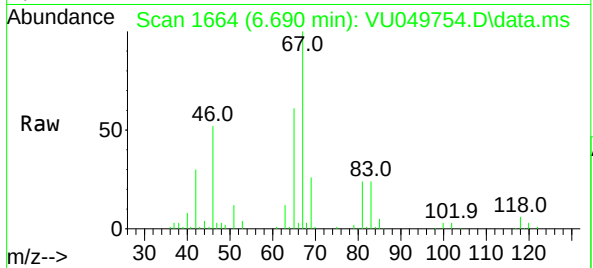




#35
Methylcyclohexane
Concen: 7.881 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049754.D
Acq: 18 Jul 2022 12:30

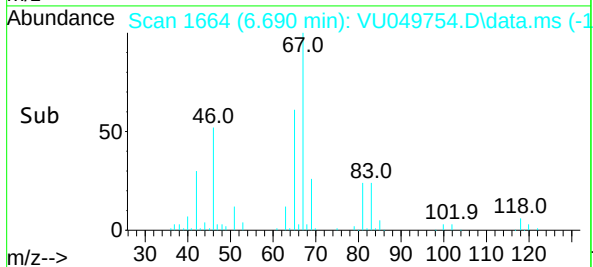
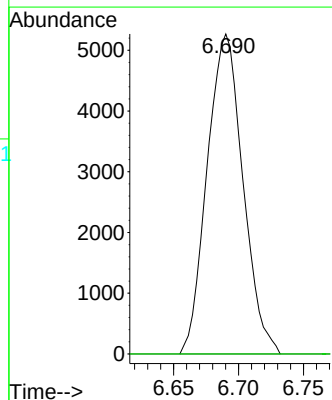
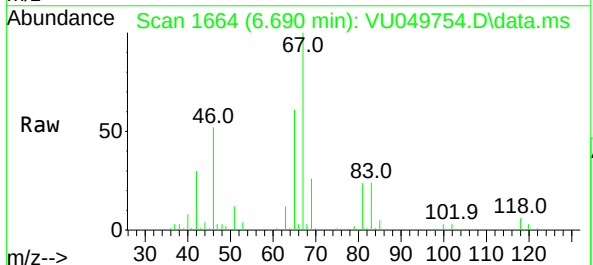
Instrument :
MSVOA_U
ClientSampleId :
BH0E4

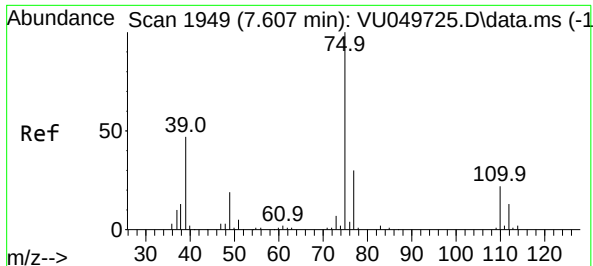
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.0	99.0#
98	0.6	34.6	51.8#



#37
1,2-Dichloropropane
Concen: 5.571 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049754.D
Acq: 18 Jul 2022 12:30

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





#39

cis-1,3-Dichloropropene

Concen: 1.003 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU049754.D

Acq: 18 Jul 2022 12:30

Instrument :

MSVOA_U

ClientSampleId :

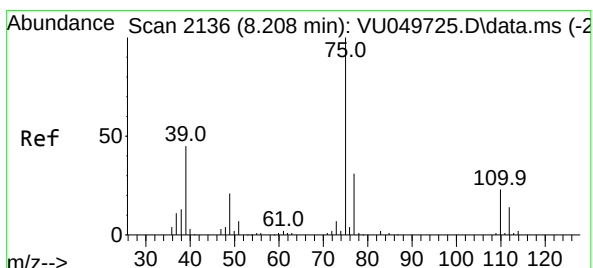
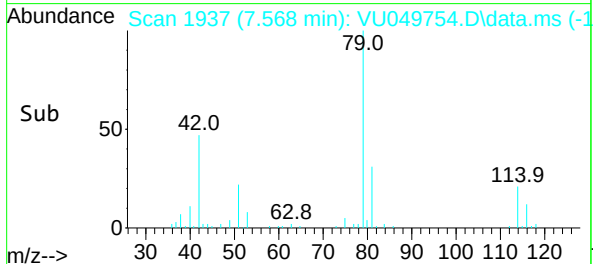
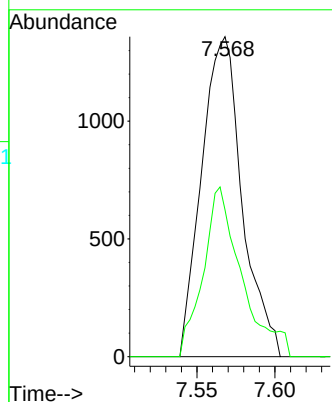
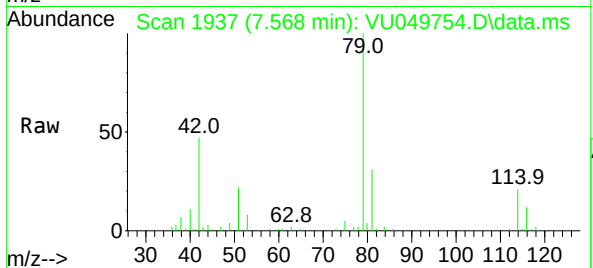
BH0E4

Tgt Ion: 75 Resp: 2455

Ion Ratio Lower Upper

75 100

77 45.9 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.729 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU049754.D

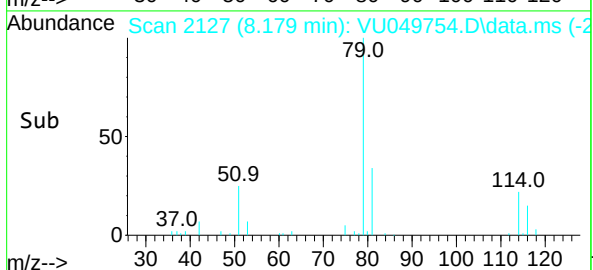
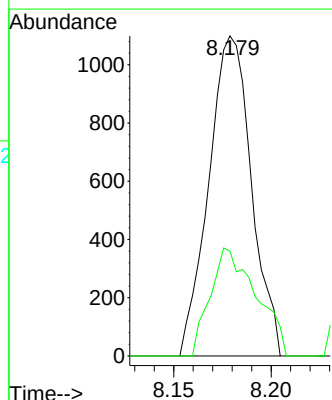
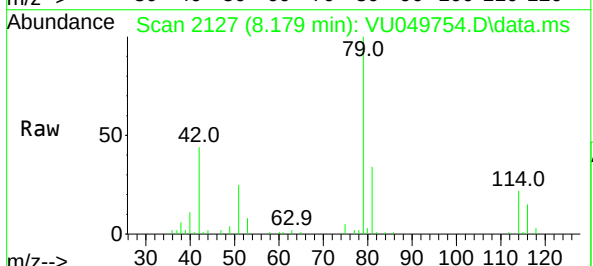
Acq: 18 Jul 2022 12:30

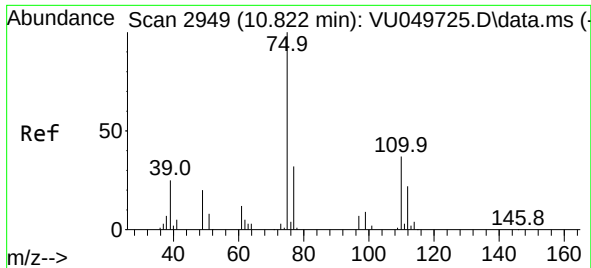
Tgt Ion: 75 Resp: 1675

Ion Ratio Lower Upper

75 100

77 32.8 22.5 41.9





#60
 1,2,3-Trichloropropane
 Concen: 5.012 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049754.D
 Acq: 18 Jul 2022 12:30

Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E4

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.5	38.3
110	2.3	28.9	43.3#

