

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072122\
 Data File : VU049827.D
 Acq On : 21 Jul 2022 14:11
 Operator : SY/MD
 Sample : N3792-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 22 04:12:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 03:08:56 2022
 Response via : Initial Calibration

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

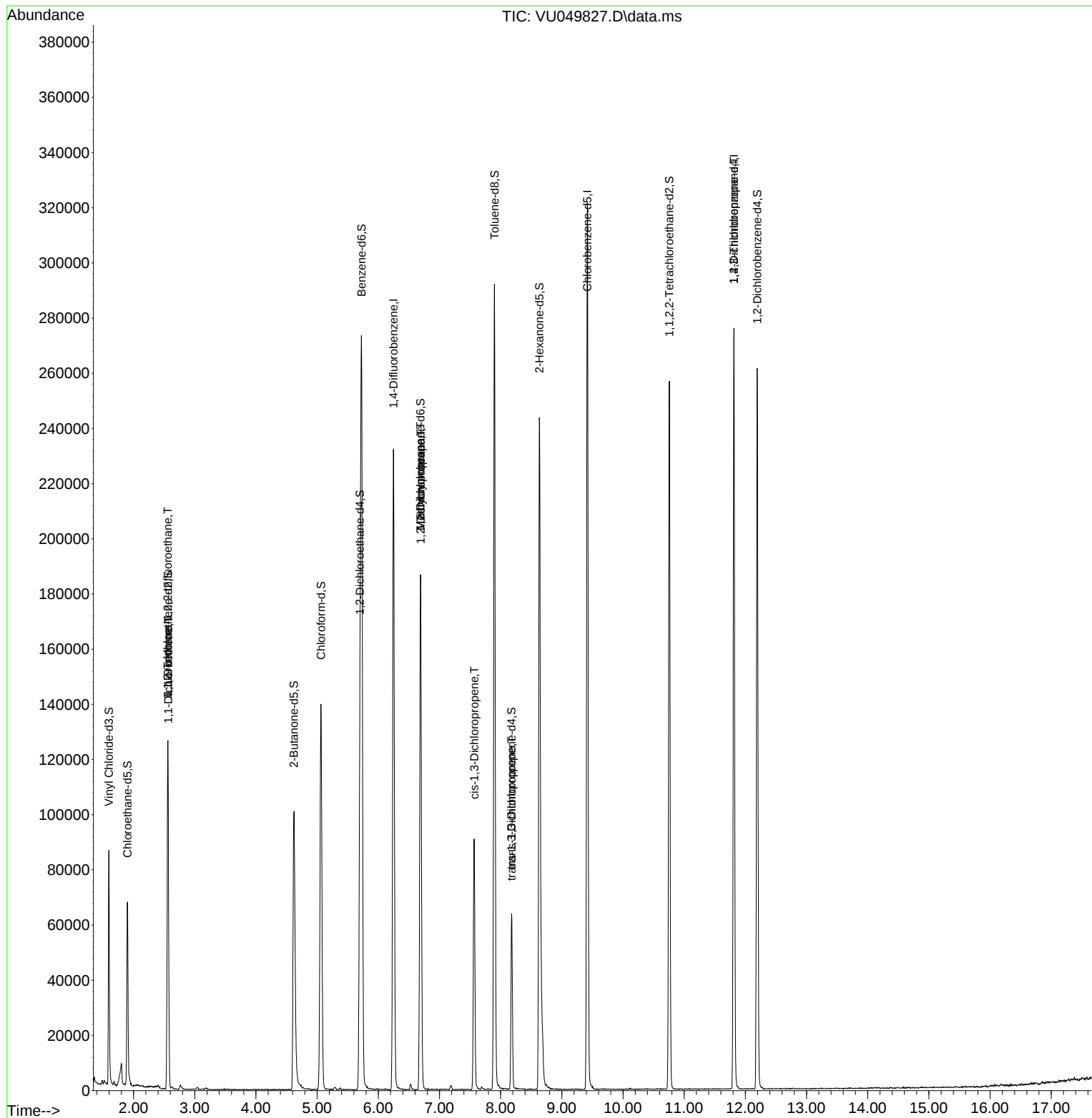
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	175480	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	166895	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67397	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	61189	41.327	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.660%
7) Chloroethane-d5	1.900	69	49054	45.835	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.660%
11) 1,1-Dichloroethene-d2	2.562	63	78131	29.875	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.740%#
21) 2-Butanone-d5	4.620	46	146858	116.190	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.190%
24) Chloroform-d	5.063	84	128945	49.171	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.340%
26) 1,2-Dichloroethane-d4	5.700	65	92334	52.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.040%
32) Benzene-d6	5.726	84	237197	46.782	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.560%
36) 1,2-Dichloropropane-d6	6.690	67	86970	50.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.000%
41) Toluene-d8	7.899	98	185699	42.057	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.120%
43) trans-1,3-Dichloroprop...	8.179	79	34532	48.059	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.120%
47) 2-Hexanone-d5	8.632	63	74099	96.592	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.590%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	125423	52.561	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.120%
66) 1,2-Dichlorobenzene-d4	12.195	152	64177	50.504	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	562	0.416	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	488	0.389	ug/L #	1
35) Methylcyclohexane	6.690	83	19254	8.080	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	9078	5.221	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2359	1.006	ug/L #	75
44) trans-1,3-Dichloropropene	8.176	75	1640	0.745	ug/L	87
60) 1,2,3-Trichloropropane	11.812	75	9495	5.289	ug/L #	67

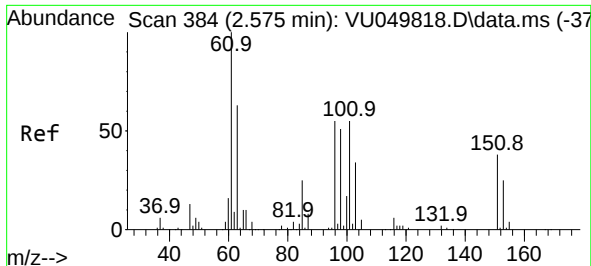
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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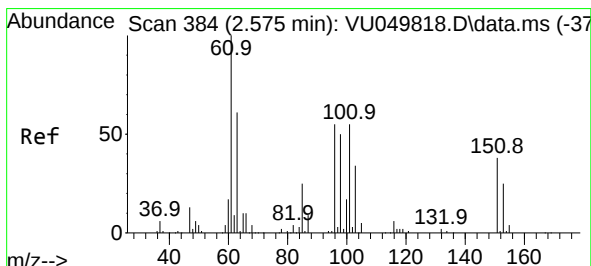
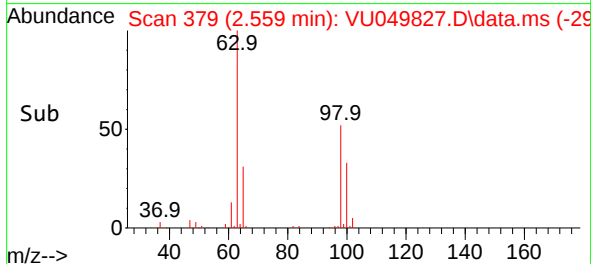
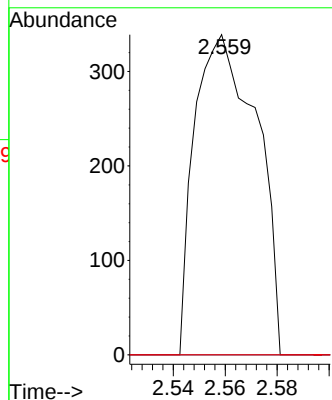
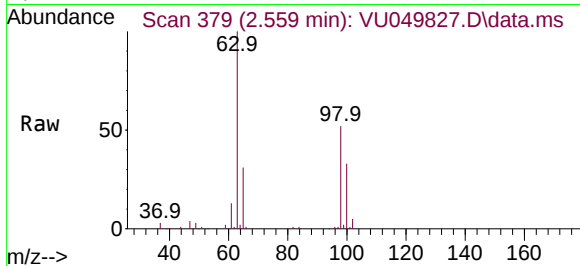




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.416 ug/L
 RT: 2.559 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU049827.D
 Acq: 21 Jul 2022 14:11

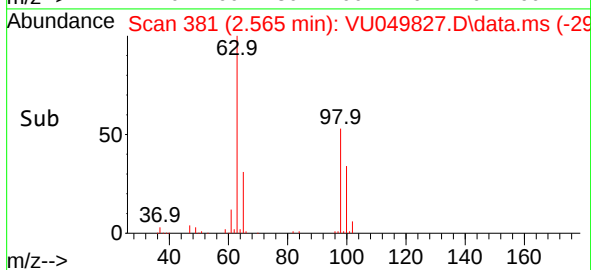
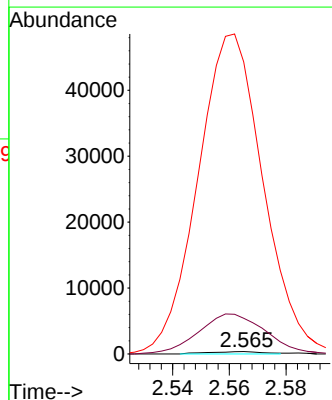
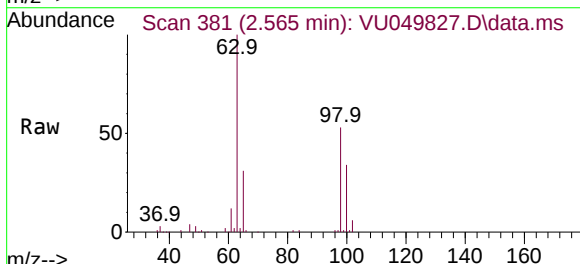
Instrument :
 MSVOA_U
 ClientSampleId :

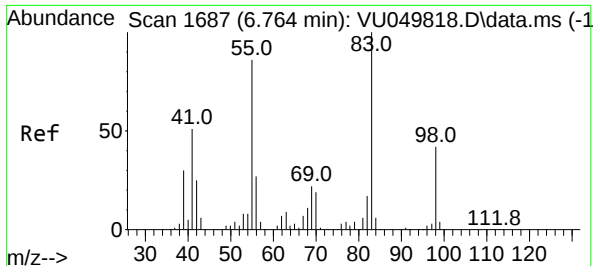
Tgt Ion:101 Resp: 562
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.389 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.010 min
 Lab File: VU049827.D
 Acq: 21 Jul 2022 14:11

Tgt Ion: 96 Resp: 488
 Ion Ratio Lower Upper
 96 100
 61 1482.5 129.6 240.6#
 63 12107.1 79.0 146.6#

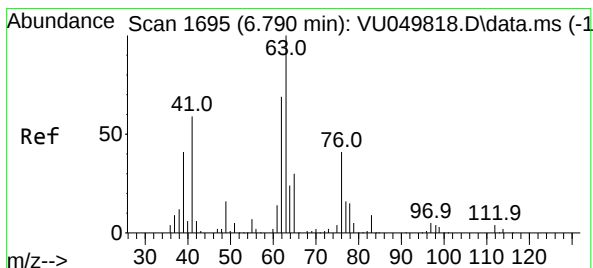
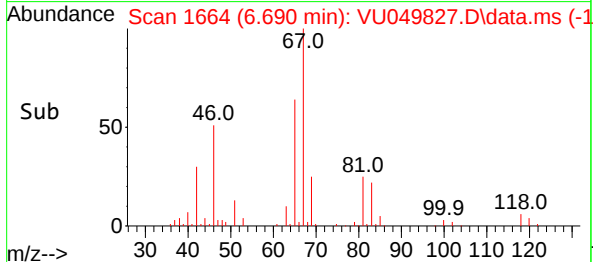
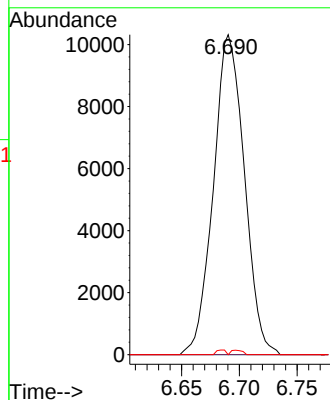
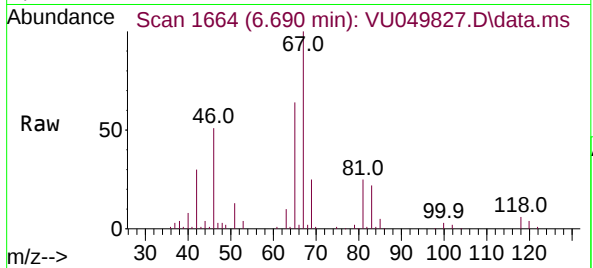




#35
Methylcyclohexane
Concen: 8.080 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049827.D
Acq: 21 Jul 2022 14:11

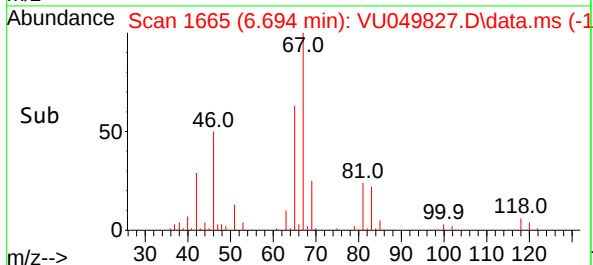
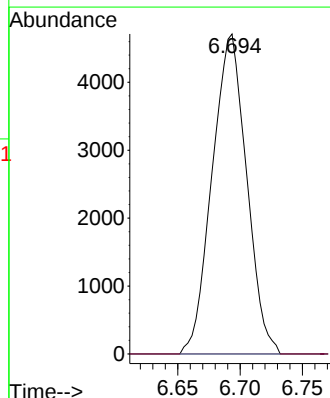
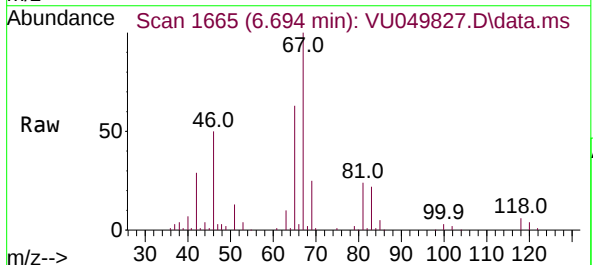
Instrument :
MSVOA_U
ClientSampleId :

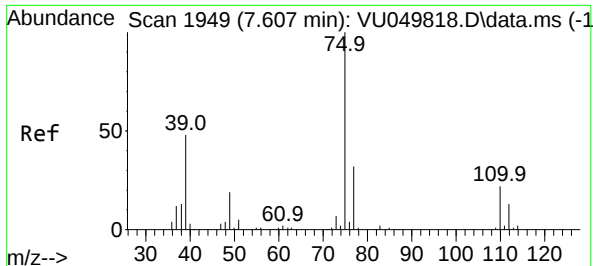
Tgt Ion: 83 Resp: 19254
Ion Ratio Lower Upper
83 100
55 0.0 66.0 99.0#
98 0.5 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 5.221 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.096 min
Lab File: VU049827.D
Acq: 21 Jul 2022 14:11

Tgt Ion: 63 Resp: 9078
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.006 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.038 min

Lab File: VU049827.D

Acq: 21 Jul 2022 14:11

Instrument :

MSVOA_U

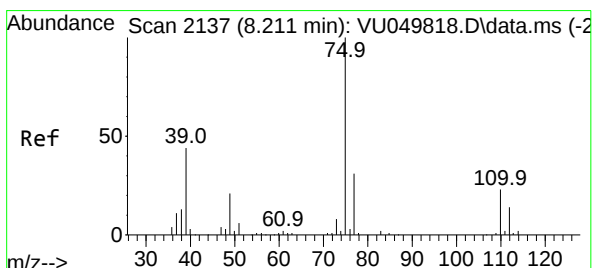
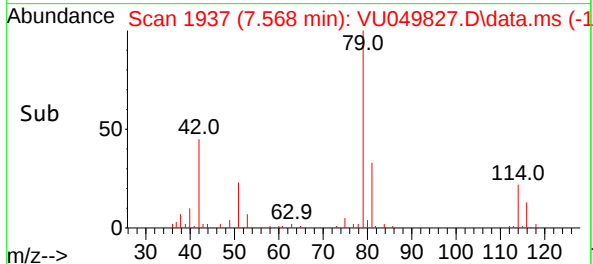
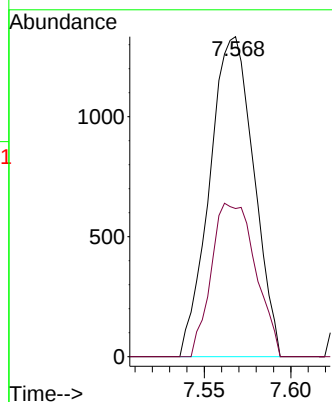
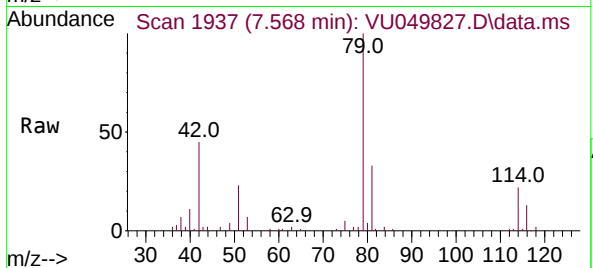
ClientSampleId :

Tgt Ion: 75 Resp: 2359

Ion Ratio Lower Upper

75 100

77 46.3 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.745 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.035 min

Lab File: VU049827.D

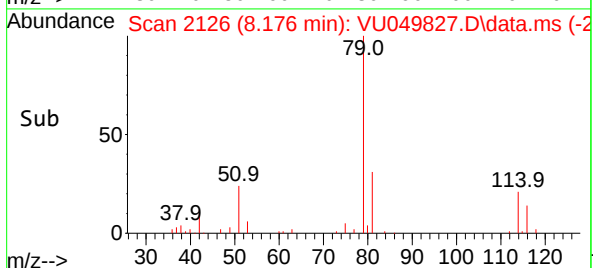
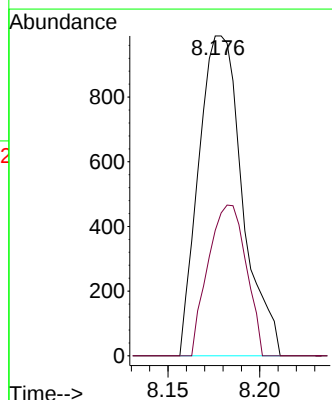
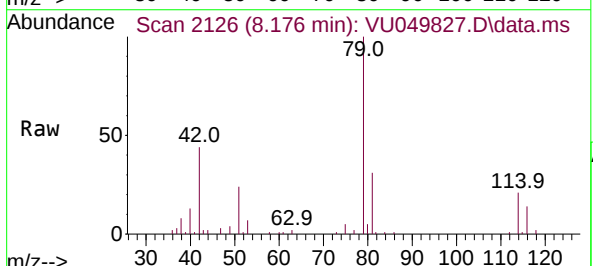
Acq: 21 Jul 2022 14:11

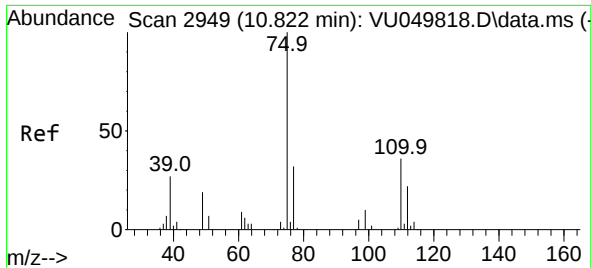
Tgt Ion: 75 Resp: 1640

Ion Ratio Lower Upper

75 100

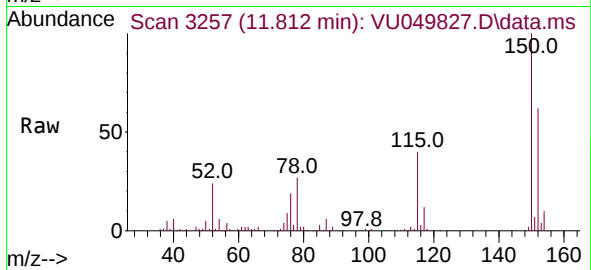
77 39.2 22.5 41.9





#60
 1,2,3-Trichloropropane
 Concen: 5.289 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049827.D
 Acq: 21 Jul 2022 14:11

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9495
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.5 38.3
 110 2.1 28.9 43.3#

