

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051122\
 Data File : VU048513.D
 Acq On : 11 May 2022 13:45
 Operator : SY/MD
 Sample : N2790-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 12 03:42:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 12 03:40:41 2022
 Response via : Initial Calibration

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

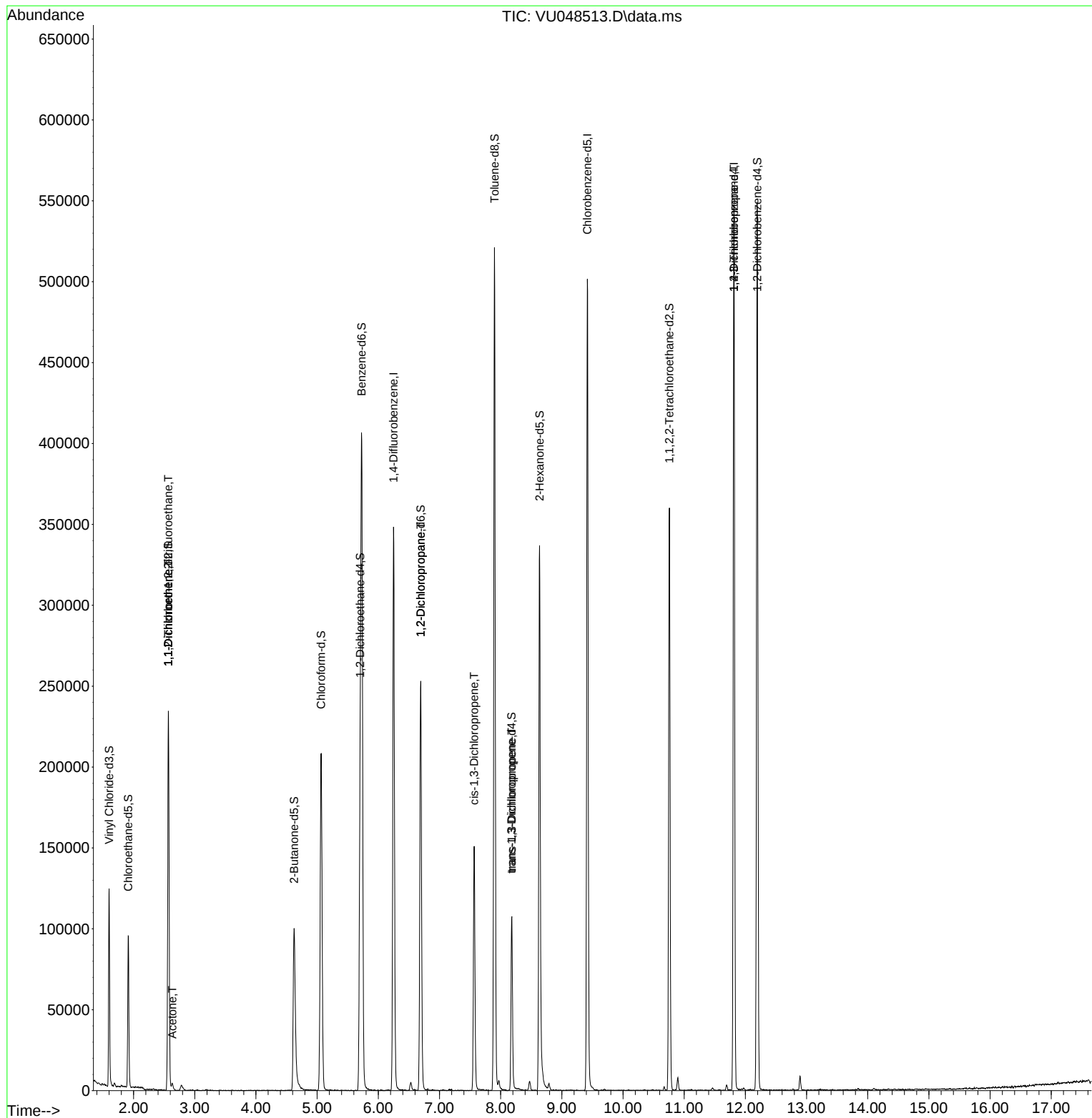
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	276702	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	277825	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	144477	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	84943	35.645	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.300%
7) Chloroethane-d5	1.912	69	64471	41.454	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.900%
11) 1,1-Dichloroethene-d2	2.568	63	138362	32.624	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.240%
21) 2-Butanone-d5	4.623	46	147922	72.887	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.890%
24) Chloroform-d	5.067	84	197097	47.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
26) 1,2-Dichloroethane-d4	5.703	65	146002	54.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.520%
32) Benzene-d6	5.729	84	371494	44.003	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.694	67	112549	40.881	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.760%
41) Toluene-d8	7.899	98	337490	45.199	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.179	79	62450	49.284	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.560%
47) 2-Hexanone-d5	8.636	63	112763	84.624	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	168729	40.235	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.460%
66) 1,2-Dichlorobenzene-d4	12.195	152	143015	49.990	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.980%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1201	0.586	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	984	0.508	ug/L #	1
13) Acetone	2.633	43	5216	3.409	ug/L	76
37) 1,2-Dichloropropane	6.694	63	13167	4.932	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3959	1.043	ug/L #	57
44) trans-1,3-Dichloropropene	8.182	75	2590	0.702	ug/L	97
60) 1,2,3-Trichloropropane	11.812	75	14643	3.883	ug/L #	65

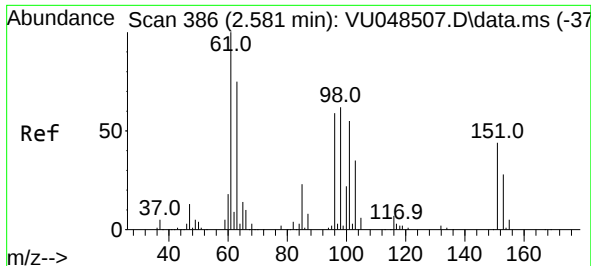
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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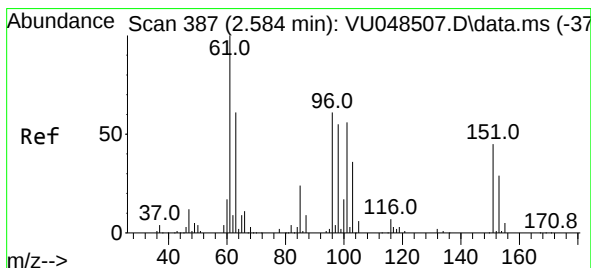
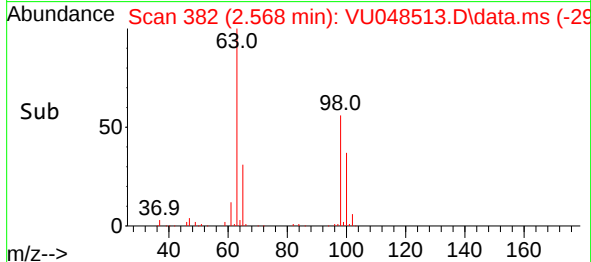
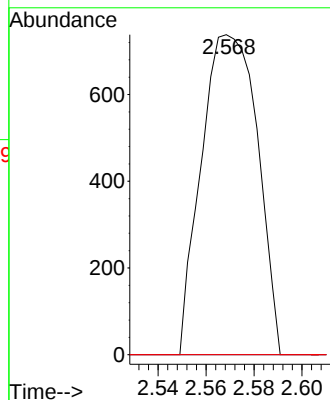
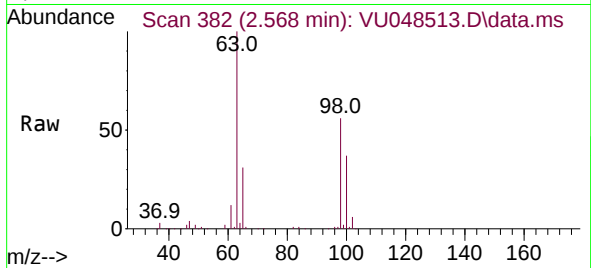




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.586 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048513.D
 Acq: 11 May 2022 13:45

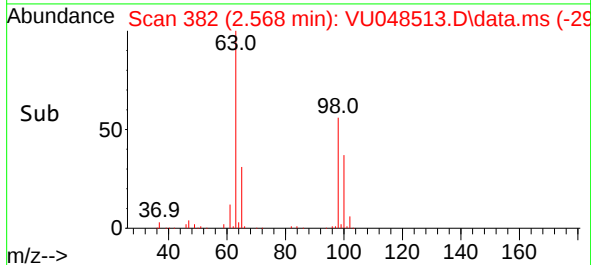
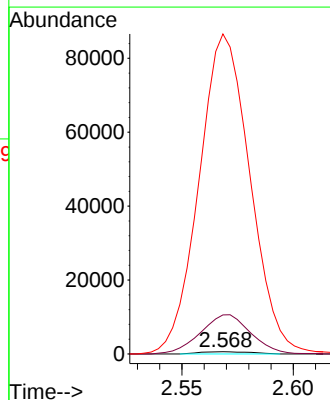
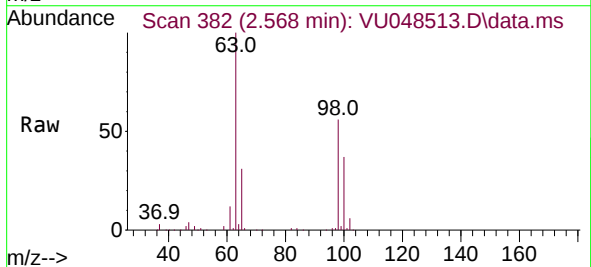
Instrument :
 MSVOA_U
 ClientSampleId :

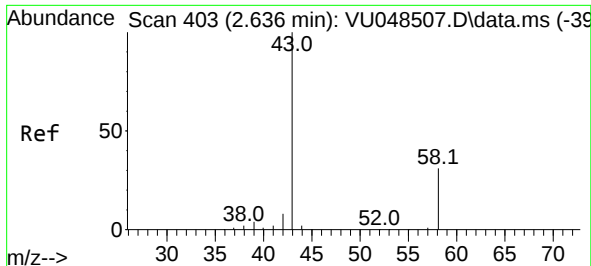
Tgt Ion:101 Resp: 1201
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.8 52.2#
 151 0.0 60.7 91.1#



#12
 1,1-Dichloroethene
 Concen: 0.508 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048513.D
 Acq: 11 May 2022 13:45

Tgt Ion: 96 Resp: 984
 Ion Ratio Lower Upper
 96 100
 61 1802.6 124.5 231.3#
 63 14751.6 92.5 171.9#





#13

Acetone

Concen: 3.409 ug/L

RT: 2.633 min Scan# 403

Delta R.T. -0.003 min

Lab File: VU048513.D

Acq: 11 May 2022 13:45

Instrument :

MSVOA_U

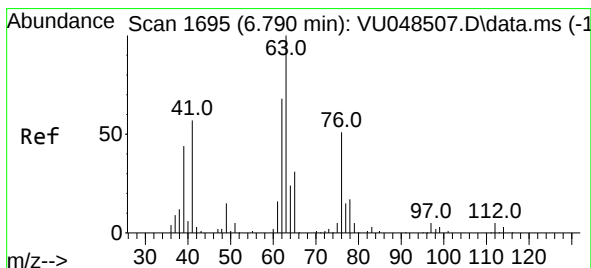
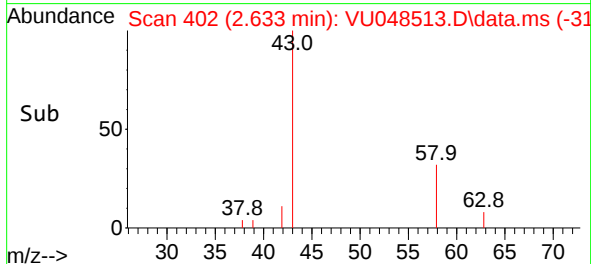
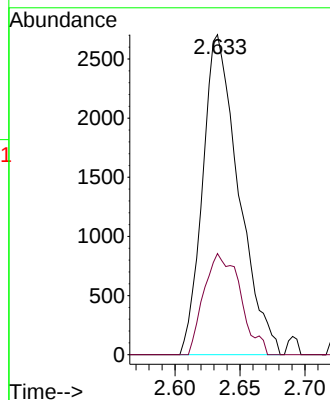
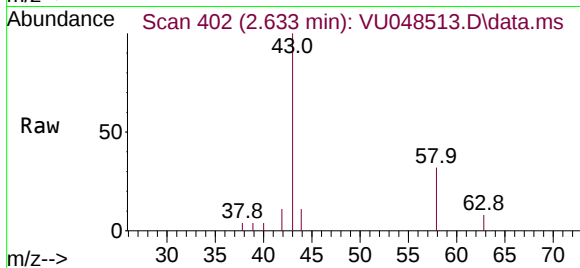
ClientSampleId :

Tgt Ion: 43 Resp: 5216

Ion Ratio Lower Upper

43 100

58 19.4 0.0 66.2



#37

1,2-Dichloropropane

Concen: 4.932 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.096 min

Lab File: VU048513.D

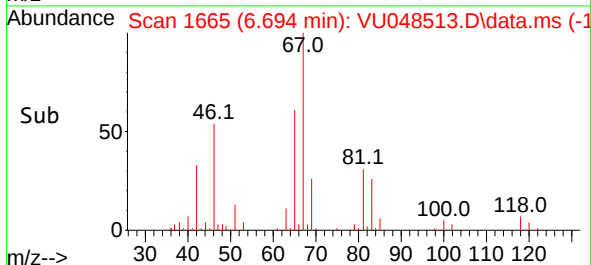
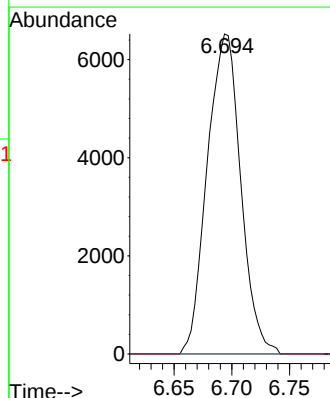
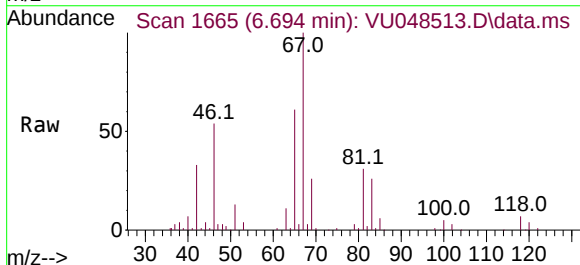
Acq: 11 May 2022 13:45

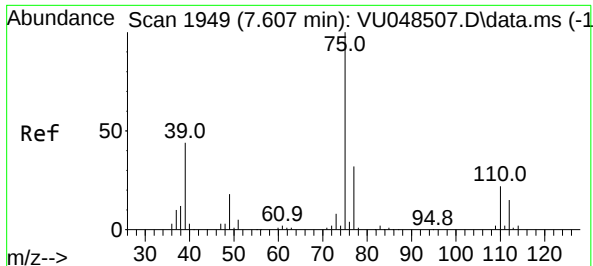
Tgt Ion: 63 Resp: 13167

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.043 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048513.D

Acq: 11 May 2022 13:45

Instrument :

MSVOA_U

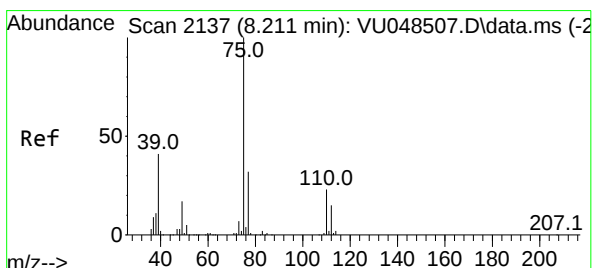
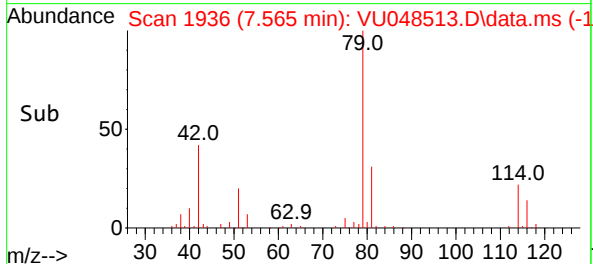
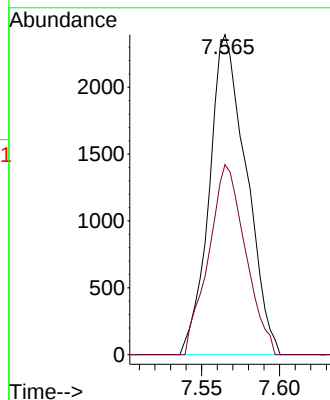
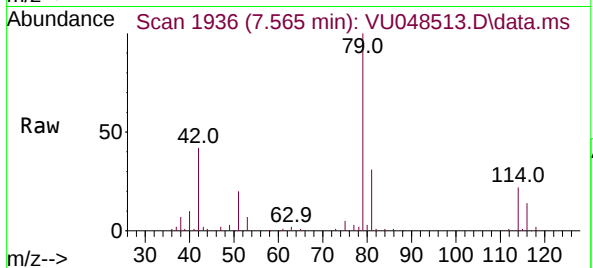
ClientSampleId :

Tgt Ion: 75 Resp: 3959

Ion Ratio Lower Upper

75 100

77 56.2 22.5 41.9#



#44

trans-1,3-Dichloropropene

Concen: 0.702 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU048513.D

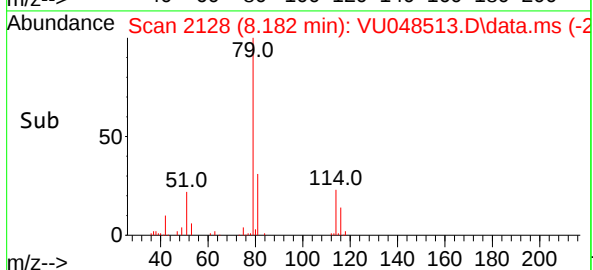
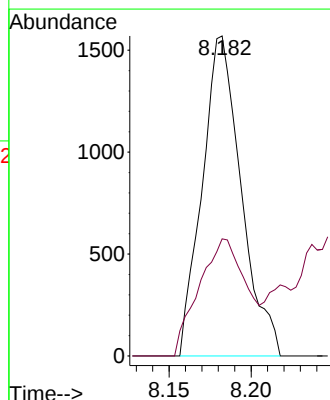
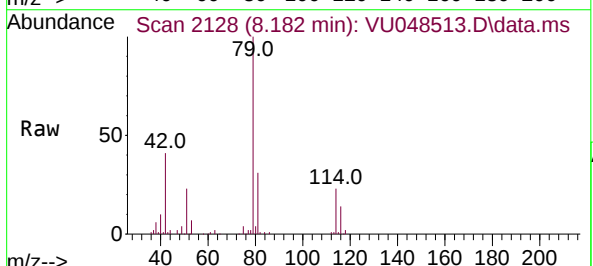
Acq: 11 May 2022 13:45

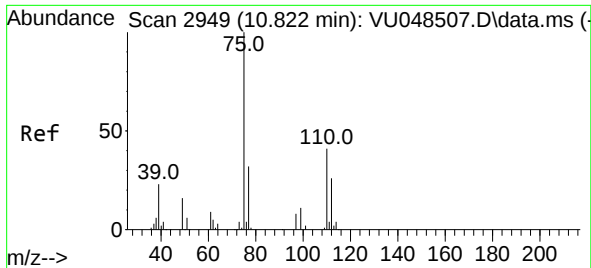
Tgt Ion: 75 Resp: 2590

Ion Ratio Lower Upper

75 100

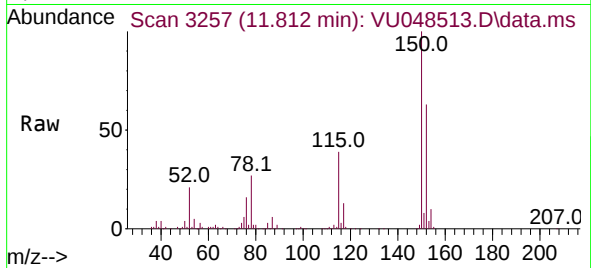
77 34.2 22.6 42.0





#60
 1,2,3-Trichloropropane
 Concen: 3.883 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU048513.D
 Acq: 11 May 2022 13:45

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	14643
Ion	Ratio	Lower	Upper
75	100		
77	37.8	25.5	38.3
110	2.9	28.9	43.3#

