

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062022\
 Data File : VU049316.D
 Acq On : 20 Jun 2022 19:20
 Operator : SY/MD
 Sample : N3396-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jun 21 01:14:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 21 01:08:31 2022
 Response via : Initial Calibration

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

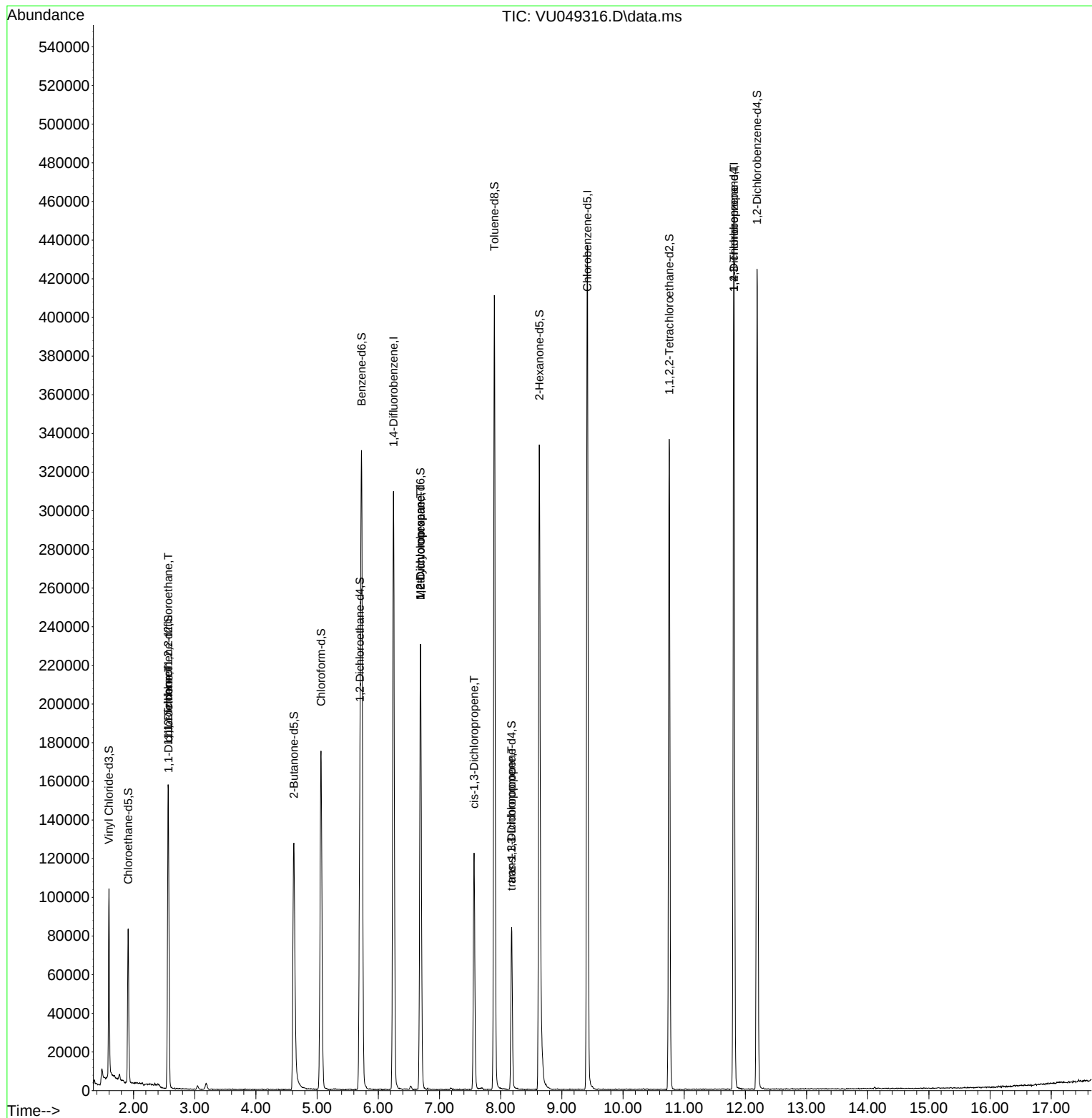
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	245300	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	237874	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	117575	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67513	44.676	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.360%
7) Chloroethane-d5	1.913	69	56993	51.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.740%
11) 1,1-Dichloroethene-d2	2.565	63	96572	33.867	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.740%
21) 2-Butanone-d5	4.620	46	189158	114.169	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.170%
24) Chloroform-d	5.064	84	156938	48.683	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.360%
26) 1,2-Dichloroethane-d4	5.700	65	104425	49.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.000%
32) Benzene-d6	5.726	84	295593	50.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.220%
36) 1,2-Dichloropropane-d6	6.690	67	110745	55.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.700%
41) Toluene-d8	7.896	98	266940	51.315	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.640%
43) trans-1,3-Dichloroprop...	8.179	79	46126	49.445	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.900%
47) 2-Hexanone-d5	8.633	63	114651	110.474	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.470%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	172132	51.974	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.940%
66) 1,2-Dichlorobenzene-d4	12.192	152	106579	52.098	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	735	0.425	ug/L #	19
12) 1,1-Dichloroethene	2.572	96	606	0.401	ug/L #	1
35) Methylcyclohexane	6.690	83	24018	8.858	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	12110	5.572	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3164	0.989	ug/L	89
44) trans-1,3-Dichloropropene	8.176	75	2399	0.758	ug/L	90
60) 1,2,3-Trichloropropane	11.812	75	15125	5.072	ug/L #	68

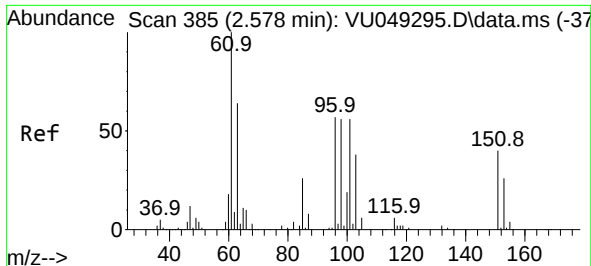
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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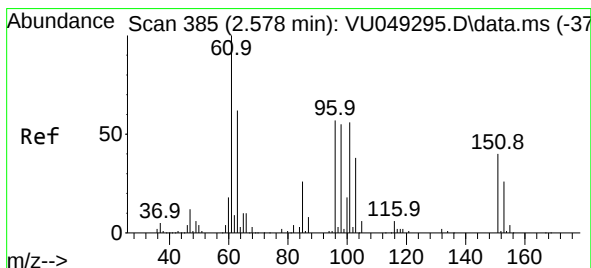
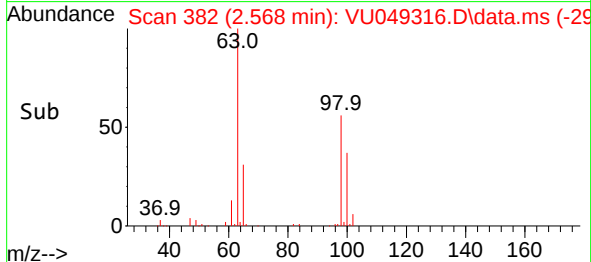
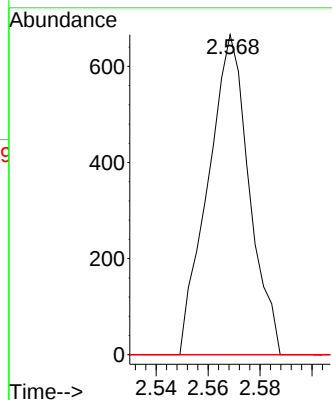
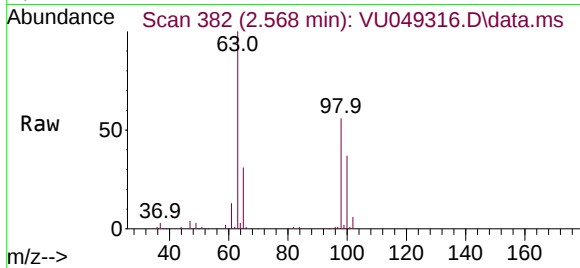




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.425 ug/L
 RT: 2.568 min Scan# 310
 Delta R.T. -0.010 min
 Lab File: VU049316.D
 Acq: 20 Jun 2022 19:20

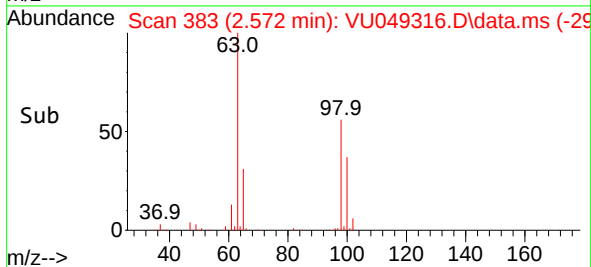
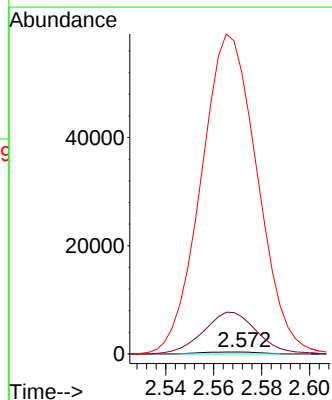
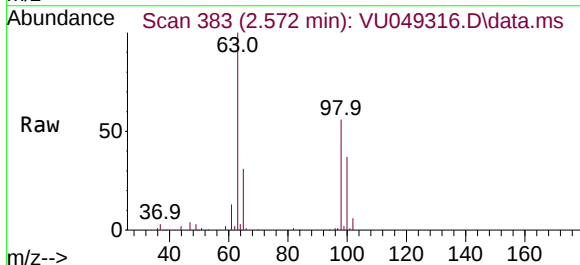
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

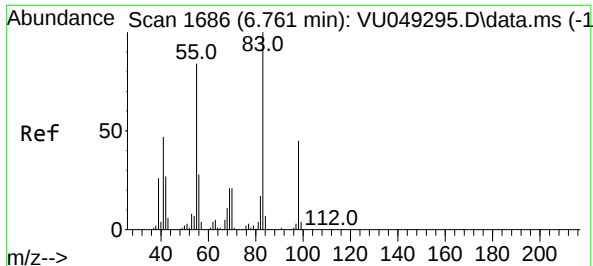
Tgt Ion:101 Resp: 735
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 0.401 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.007 min
 Lab File: VU049316.D
 Acq: 20 Jun 2022 19:20

Tgt Ion: 96 Resp: 606
 Ion Ratio Lower Upper
 96 100
 61 1862.7 123.5 229.3#
 63 14103.8 86.0 159.8#

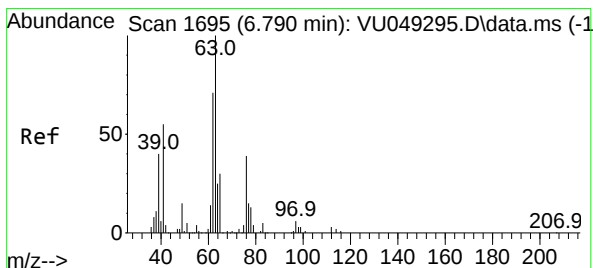
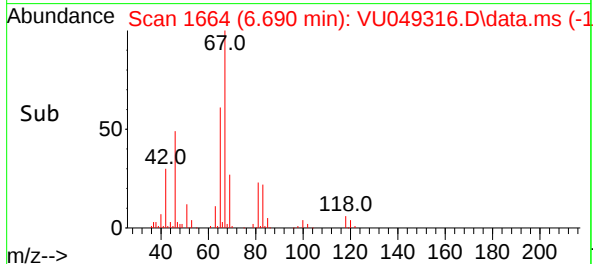
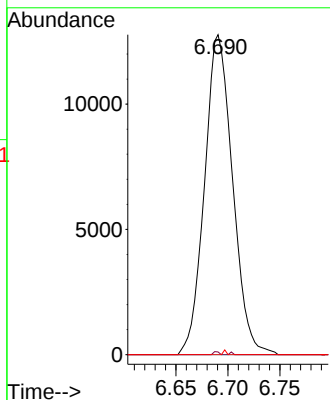
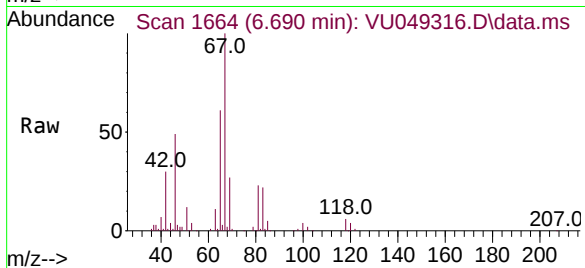




#35
Methylcyclohexane
Concen: 8.858 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049316.D
Acq: 20 Jun 2022 19:20

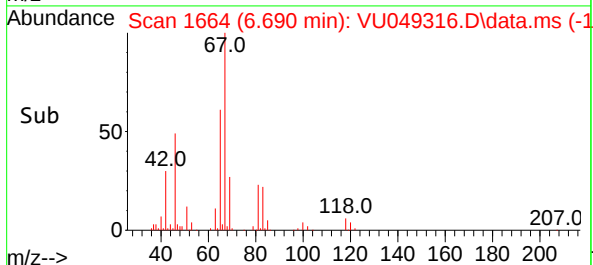
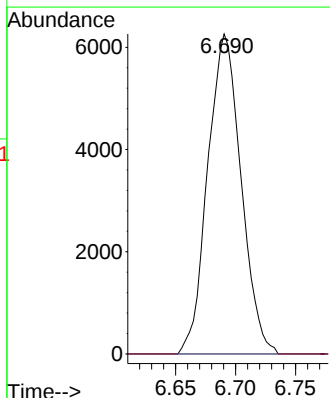
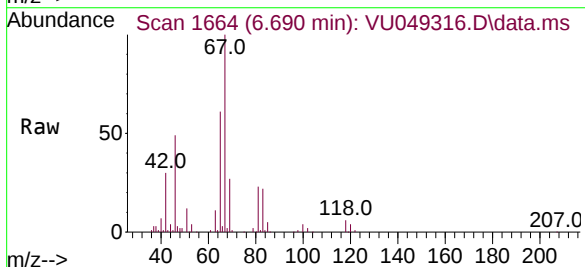
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

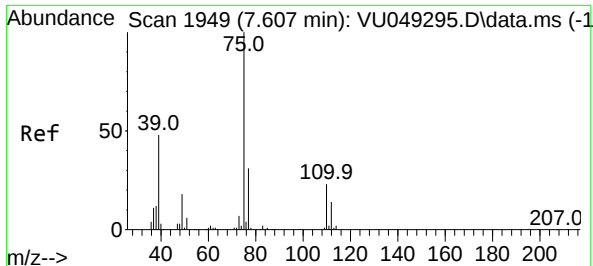
Tgt Ion: 83 Resp: 24018
Ion Ratio Lower Upper
83 100
55 0.2 61.0 91.6#
98 0.5 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 5.572 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049316.D
Acq: 20 Jun 2022 19:20

Tgt Ion: 63 Resp: 12110
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.989 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049316.D

Acq: 20 Jun 2022 19:20

Instrument :

MSVOA_U

ClientSampleId :

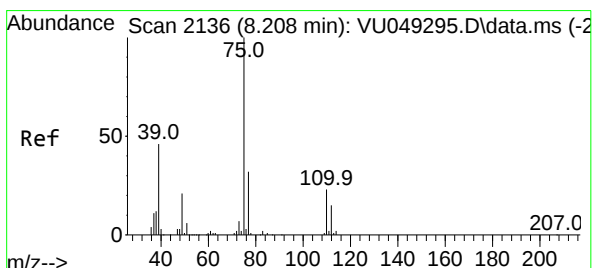
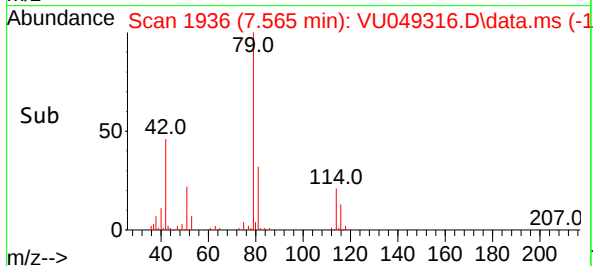
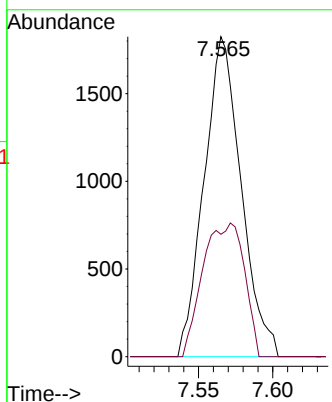
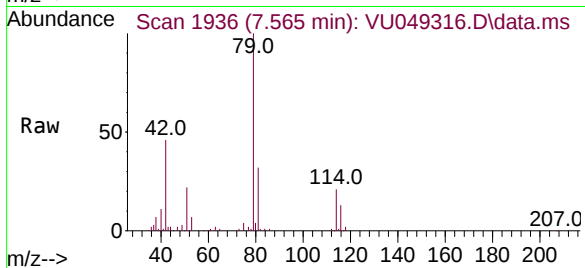
VHBLK001

Tgt Ion: 75 Resp: 3164

Ion Ratio Lower Upper

75 100

77 38.2 22.6 42.0



#44

trans-1,3-Dichloropropene

Concen: 0.758 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU049316.D

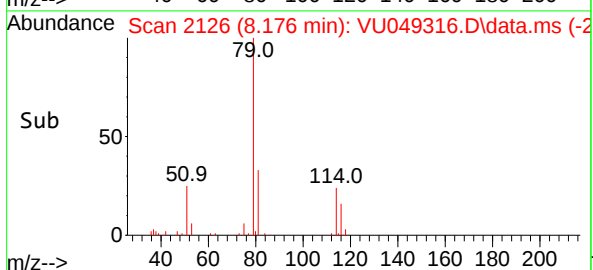
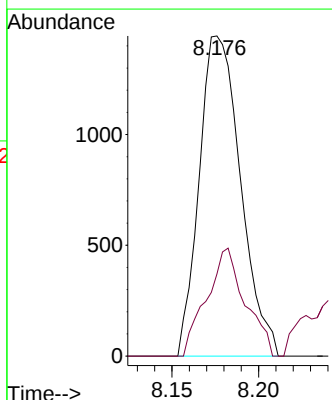
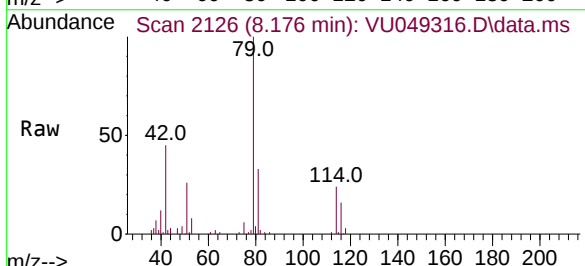
Acq: 20 Jun 2022 19:20

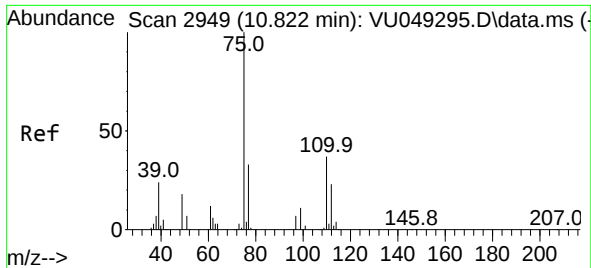
Tgt Ion: 75 Resp: 2399

Ion Ratio Lower Upper

75 100

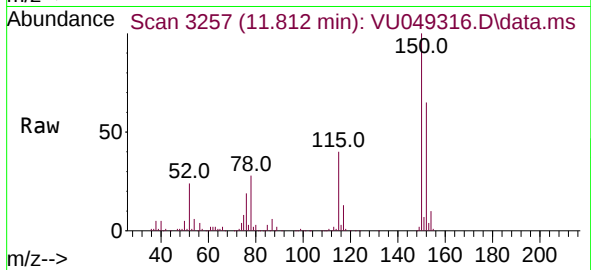
77 25.6 21.9 40.7





#60
 1,2,3-Trichloropropane
 Concen: 5.072 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049316.D
 Acq: 20 Jun 2022 19:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001



Tgt Ion:	75	Resp:	15125
Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.6	40.0
110	2.0	30.2	45.4#

