

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062022\
 Data File : VU049307.D
 Acq On : 20 Jun 2022 15:48
 Operator : SY/MD
 Sample : N3395-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0163

Quant Time: Jun 21 01:12:09 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)

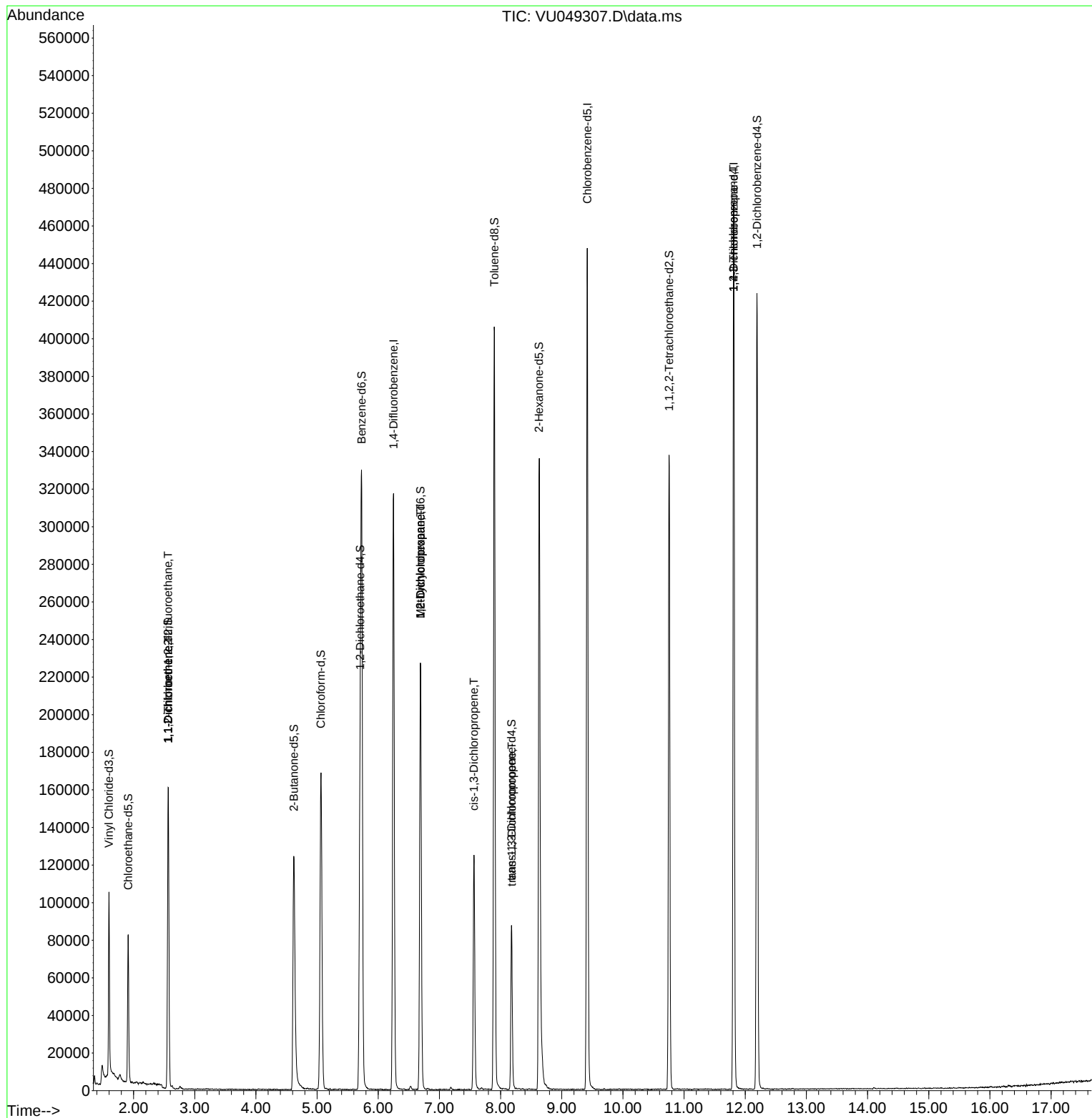
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	249148	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	241738	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	118871	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67675	44.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.180%
7) Chloroethane-d5	1.912	69	55796	49.510	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.020%
11) 1,1-Dichloroethene-d2	2.565	63	97368	33.619	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.240%
21) 2-Butanone-d5	4.620	46	188336	111.917	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.920%
24) Chloroform-d	5.063	84	155845	47.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.703	65	104793	49.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.800%
32) Benzene-d6	5.729	84	296922	49.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.060%
36) 1,2-Dichloropropane-d6	6.690	67	109171	54.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.360%
41) Toluene-d8	7.899	98	261655	49.495	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.179	79	47927	50.555	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.100%
47) 2-Hexanone-d5	8.629	63	113961	108.054	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.050%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	167890	49.883	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.760%
66) 1,2-Dichlorobenzene-d4	12.192	152	109520	52.952	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.900%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	810	0.461	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	702	0.457	ug/L #	1
35) Methylcyclohexane	6.690	83	24213	8.787	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	11659	5.279	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2998	0.923	ug/L #	56
44) trans-1,3-Dichloropropene	8.182	75	2304	0.716	ug/L #	76
60) 1,2,3-Trichloropropane	11.809	75	16130	5.350	ug/L #	66

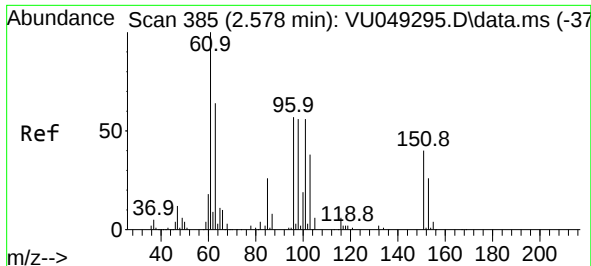
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.461 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU049307.D

Acq: 20 Jun 2022 15:48

Instrument :

MSVOA_U

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C0163

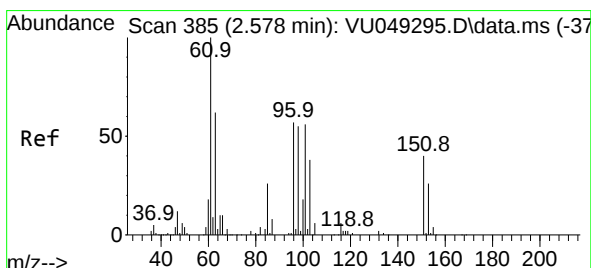
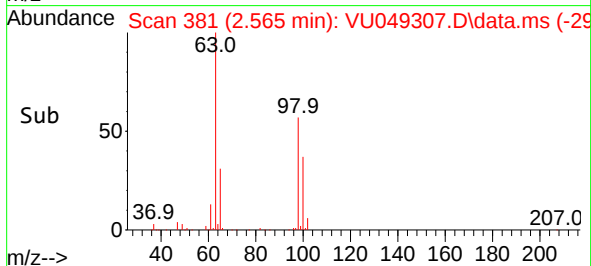
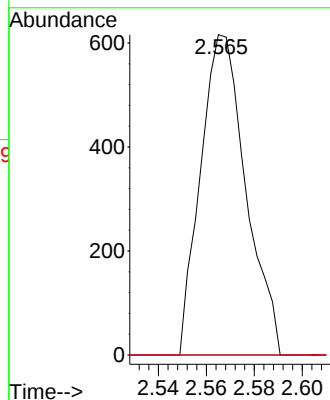
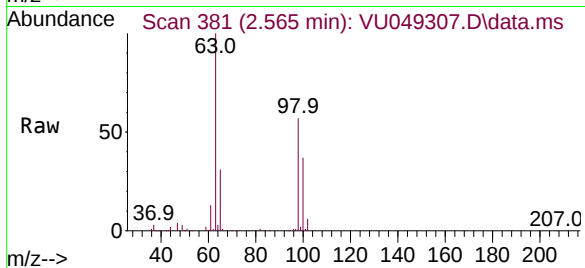
Tgt Ion:101 Resp: 810

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: 0.457 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

Lab File: VU049307.D

Acq: 20 Jun 2022 15:48

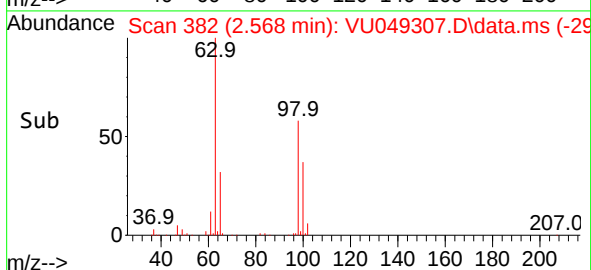
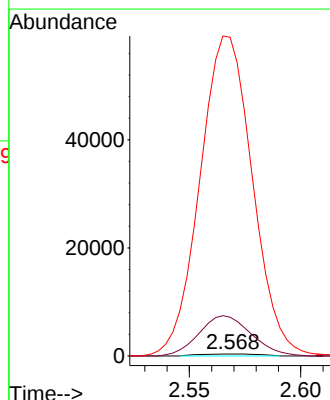
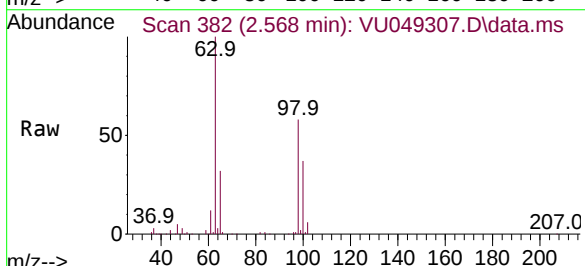
Tgt Ion: 96 Resp: 702

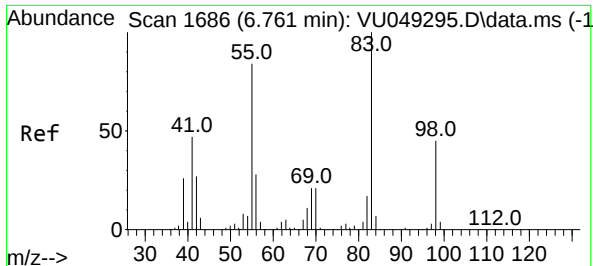
Ion Ratio Lower Upper

96 100

61 1940.3 123.5 229.3#

63 15937.3 86.0 159.8#





#35

Methylcyclohexane

Concen: 8.787 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU049307.D

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MSVOA_U

ClientSampleId :

C0163

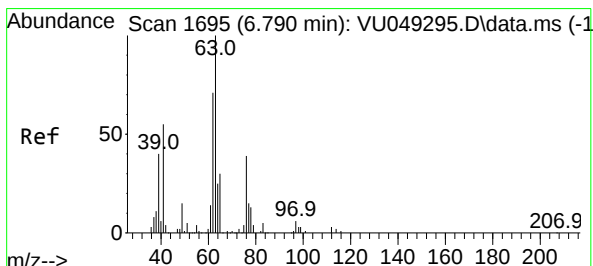
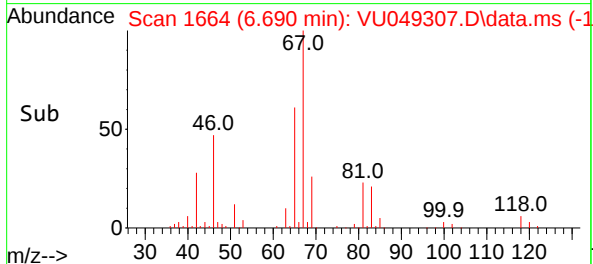
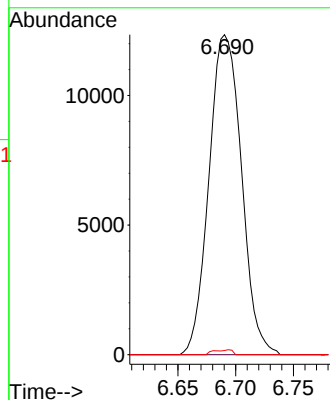
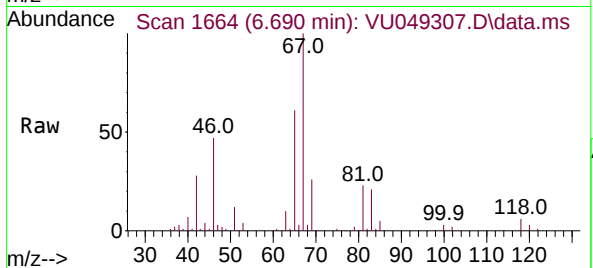
Tgt Ion: 83 Resp: 24213

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.6#

98 0.4 36.8 55.2#



#37

1,2-Dichloropropane

Concen: 5.279 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049307.D

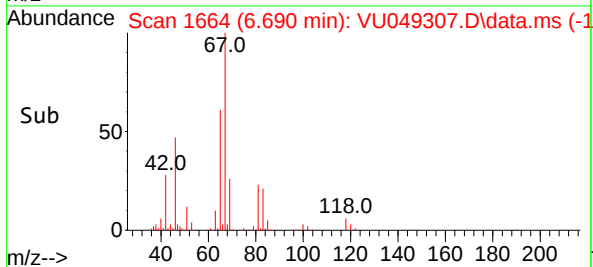
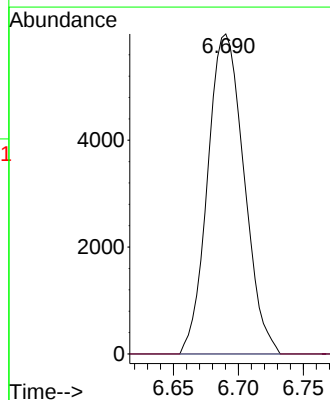
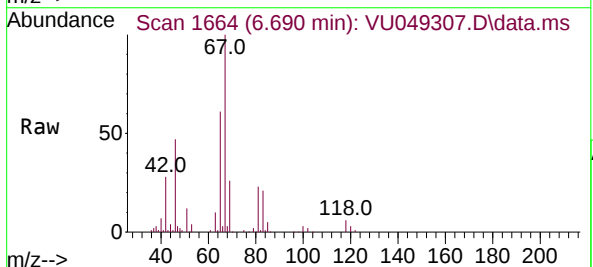
Acq: 20 Jun 2022 15:48

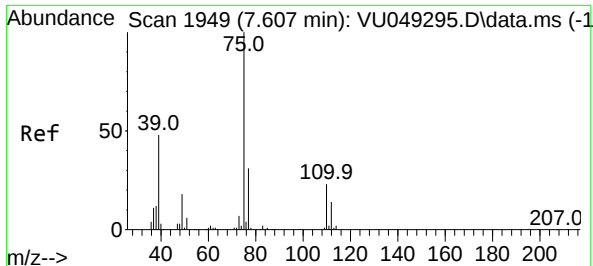
Tgt Ion: 63 Resp: 11659

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.923 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049307.D

Acq: 20 Jun 2022 15:48

Instrument :

MSVOA_U

ClientSampleId :

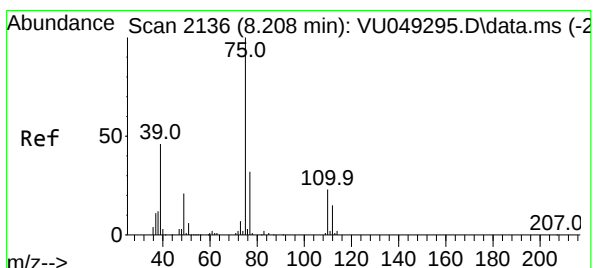
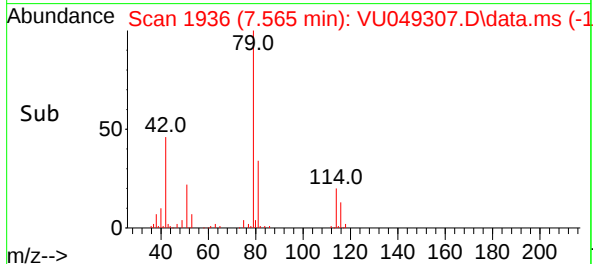
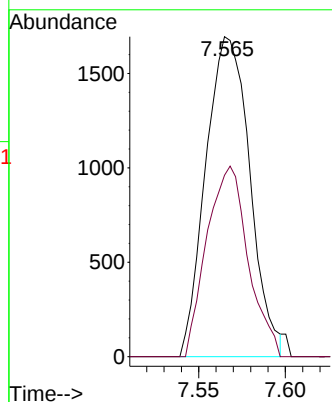
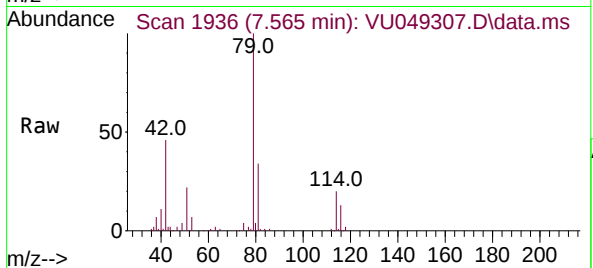
C0163

Tgt Ion: 75 Resp: 2998

Ion Ratio Lower Upper

75 100

77 56.7 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.716 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.026 min

Lab File: VU049307.D

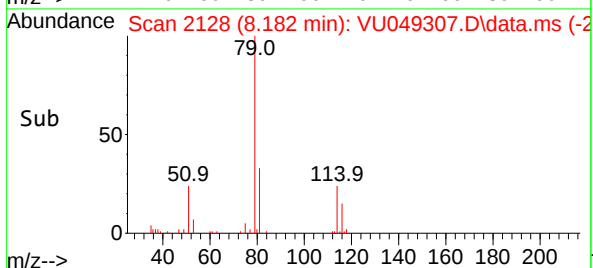
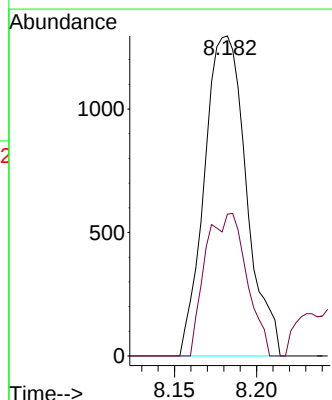
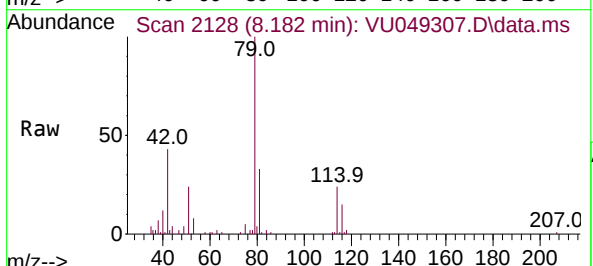
Acq: 20 Jun 2022 15:48

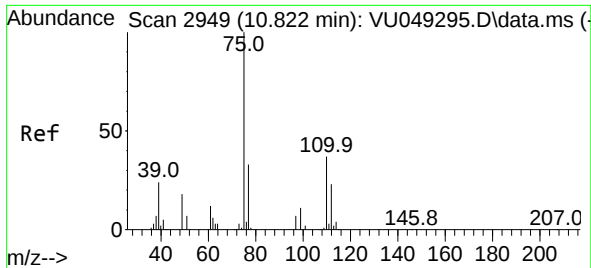
Tgt Ion: 75 Resp: 2304

Ion Ratio Lower Upper

75 100

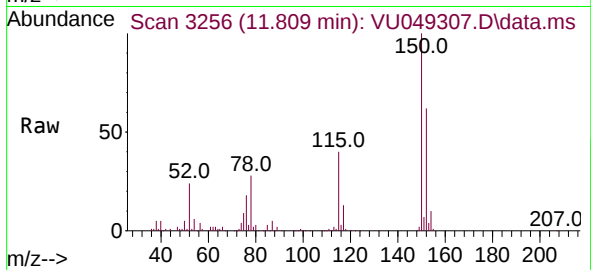
77 44.3 21.9 40.7#





#60
 1,2,3-Trichloropropane
 Concen: 5.350 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049307.D
 Acq: 20 Jun 2022 15:48

Instrument :
 MSVOA_U
 ClientSampleId :
 C0163



Tgt Ion: 75 Resp: 16130
 Ion Ratio Lower Upper
 75 100
 77 30.3 26.6 40.0
 110 2.0 30.2 45.4#

