

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062022\
 Data File : VU049315.D
 Acq On : 20 Jun 2022 18:57
 Operator : SY/MD
 Sample : N3396-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0168

Quant Time: Jun 21 01:14:05 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)

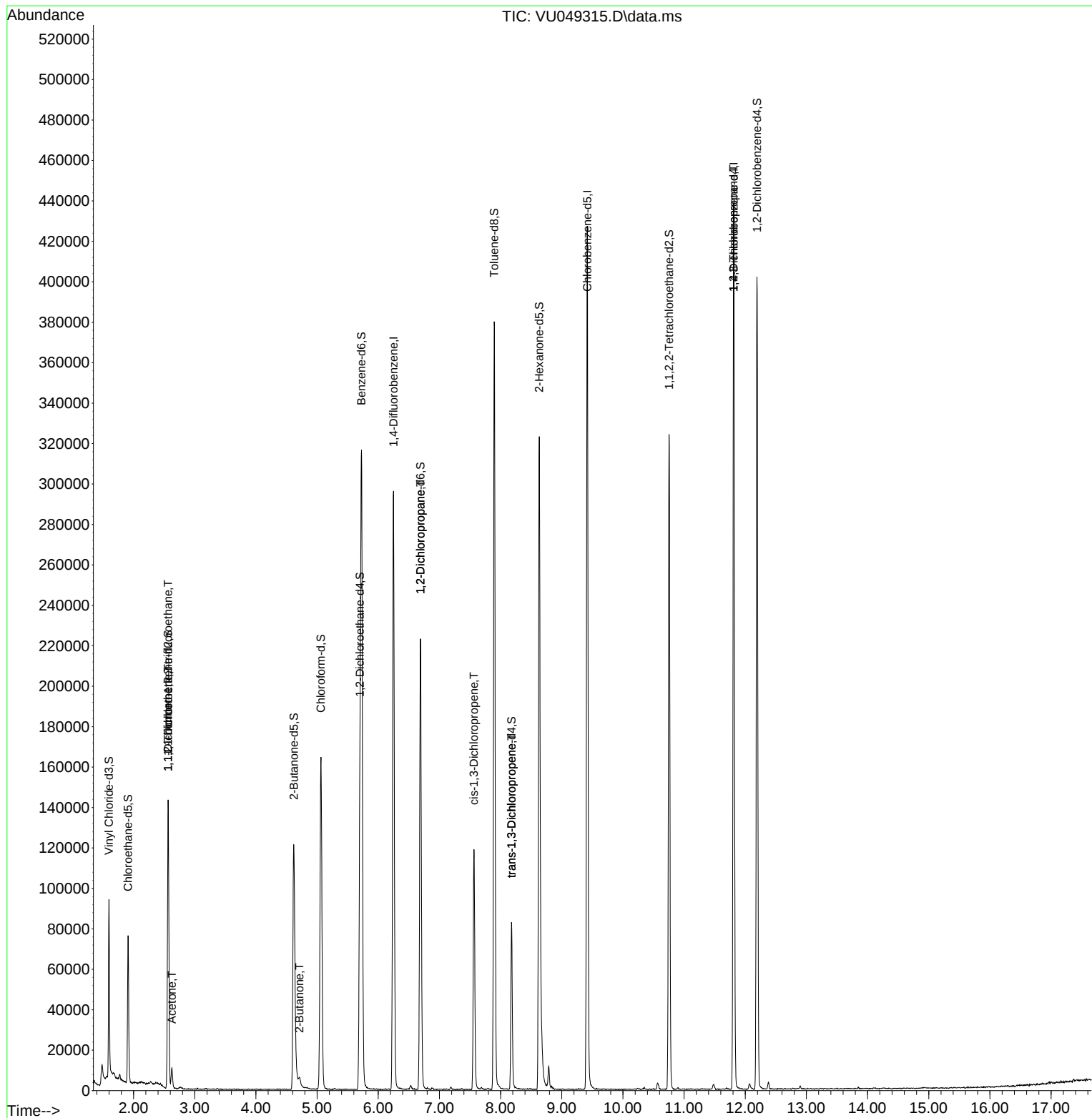
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	231754	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	229544	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	113509	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59085	41.384	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.760%		
7) Chloroethane-d5	1.909	69	51866	49.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.960%		
11) 1,1-Dichloroethene-d2	2.565	63	86535	32.121	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.240%		
21) 2-Butanone-d5	4.620	46	184806	118.062	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	118.060%		
24) Chloroform-d	5.063	84	151929	49.883	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.760%		
26) 1,2-Dichloroethane-d4	5.700	65	102440	51.916	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.840%		
32) Benzene-d6	5.726	84	281265	49.415	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.820%		
36) 1,2-Dichloropropane-d6	6.690	67	105664	55.221	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	110.440%		
41) Toluene-d8	7.896	98	247898	49.384	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.760%		
43) trans-1,3-Dichloroprop...	8.179	79	46537	51.696	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.400%		
47) 2-Hexanone-d5	8.632	63	107645	107.488	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.490%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	165022	51.635	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.280%		
66) 1,2-Dichlorobenzene-d4	12.192	152	101327	51.305	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.600%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	566	0.347	ug/L #	19
12) 1,1-Dichloroethene	2.562	96	659	0.461	ug/L #	1
13) Acetone	2.626	43	11483	9.323	ug/L	97
22) 2-Butanone	4.710	43	6291	3.324	ug/L #	67
37) 1,2-Dichloropropane	6.690	63	11353	5.414	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2827	0.916	ug/L #	51
44) trans-1,3-Dichloropropene	8.179	75	2130	0.697	ug/L	99
60) 1,2,3-Trichloropropane	11.809	75	15454	5.367	ug/L #	68

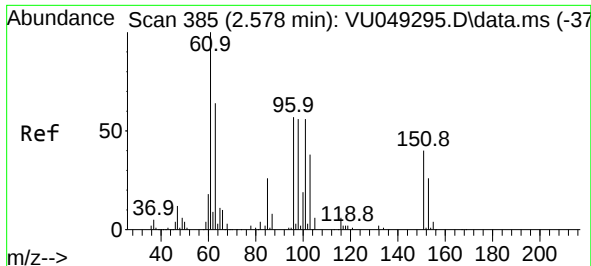
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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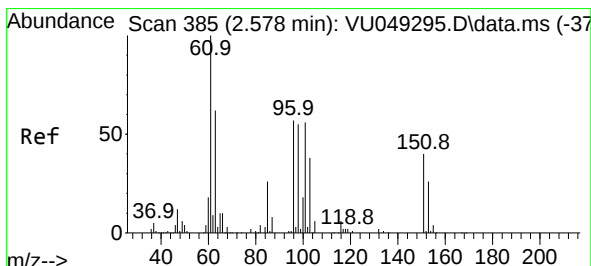
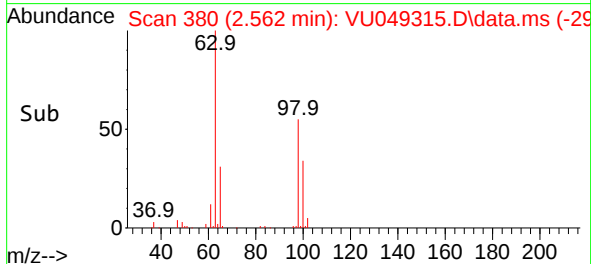
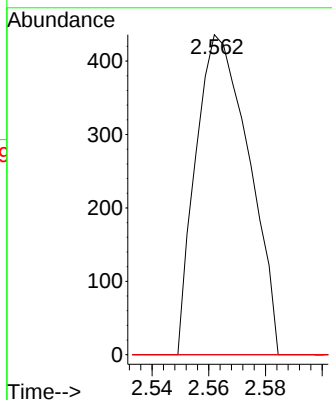
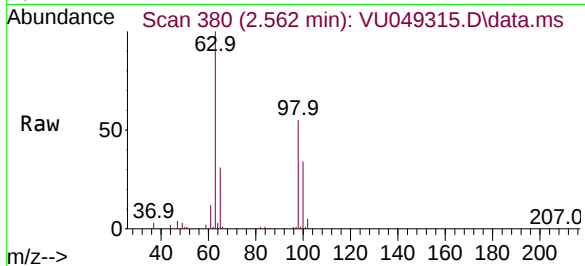




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.347 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU049315.D
 Acq: 20 Jun 2022 18:57

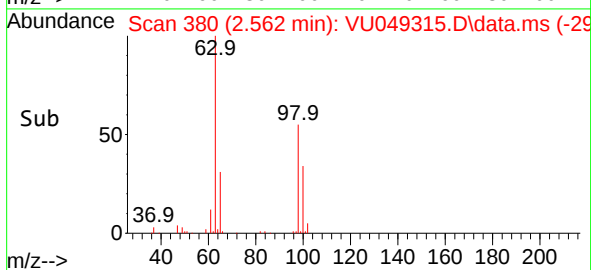
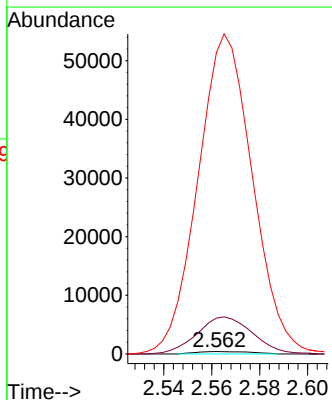
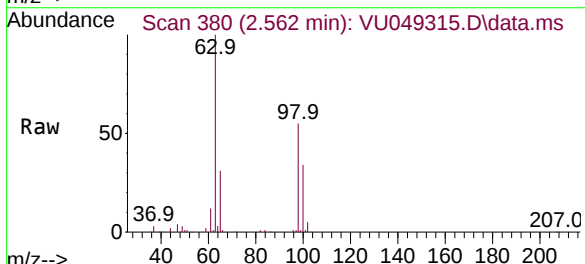
Instrument :
 MSVOA_U
 ClientSampleId :
 C0168

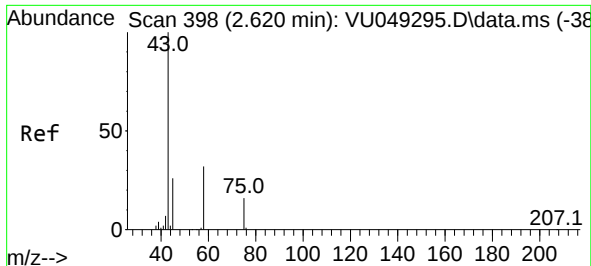
Tgt Ion:101 Resp: 566
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 0.461 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU049315.D
 Acq: 20 Jun 2022 18:57

Tgt Ion: 96 Resp: 659
 Ion Ratio Lower Upper
 96 100
 61 1536.0 123.5 229.3#
 63 12943.1 86.0 159.8#

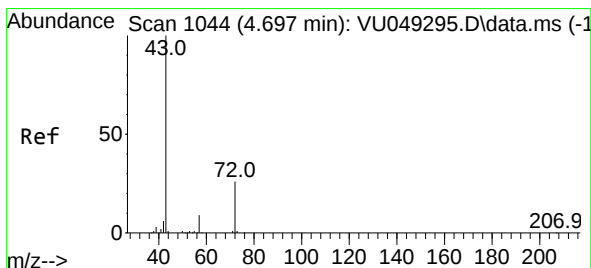
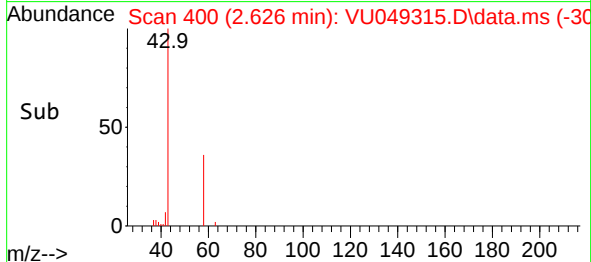
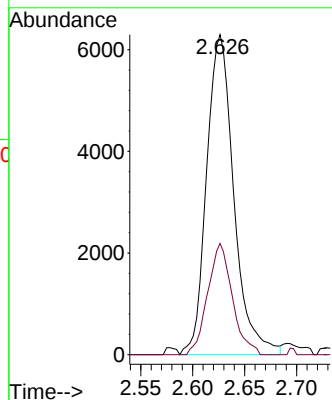
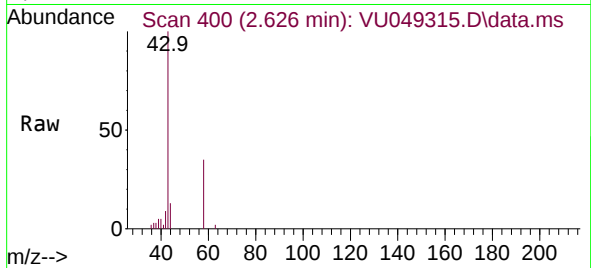




#13
Acetone
Concen: 9.323 ug/L
RT: 2.626 min Scan# 40
Delta R.T. 0.006 min
Lab File: VU049315.D
Acq: 20 Jun 2022 18:57

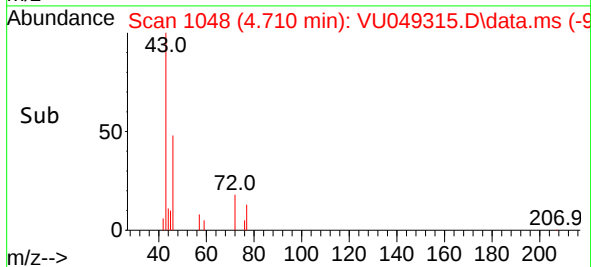
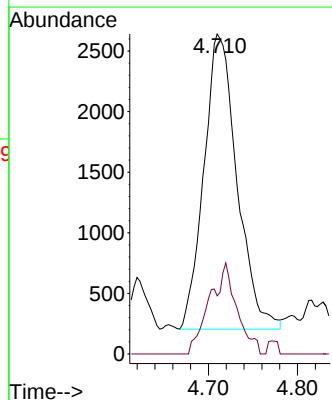
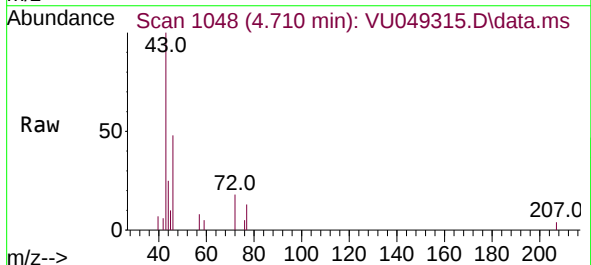
Instrument :
MSVOA_U
ClientSampleId :
C0168

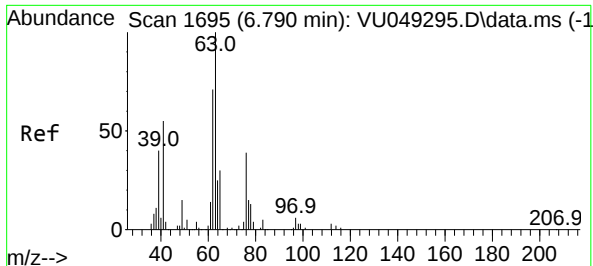
Tgt Ion: 43 Resp: 11483
Ion Ratio Lower Upper
43 100
58 31.4 0.0 66.4



#22
2-Butanone
Concen: 3.324 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. 0.013 min
Lab File: VU049315.D
Acq: 20 Jun 2022 18:57

Tgt Ion: 43 Resp: 6291
Ion Ratio Lower Upper
43 100
72 9.9 13.7 41.0#





#37

1,2-Dichloropropane

Concen: 5.414 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049315.D

Acq: 20 Jun 2022 18:57

Instrument :

MSVOA_U

ClientSampleId :

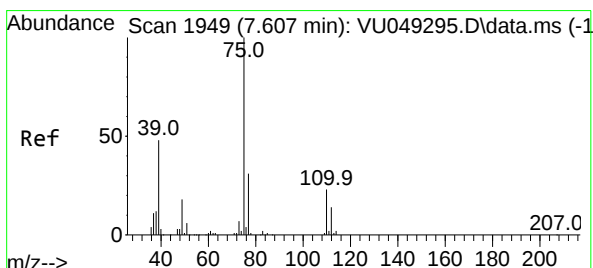
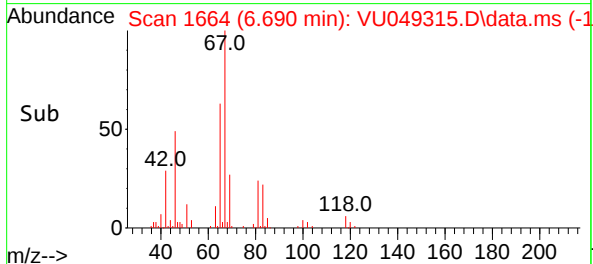
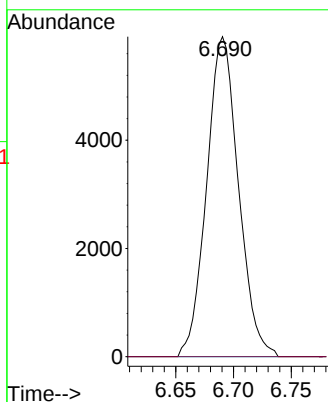
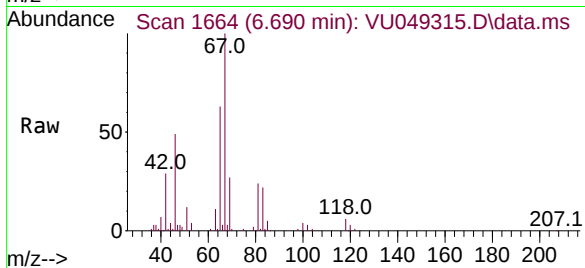
C0168

Tgt Ion: 63 Resp: 11353

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.916 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049315.D

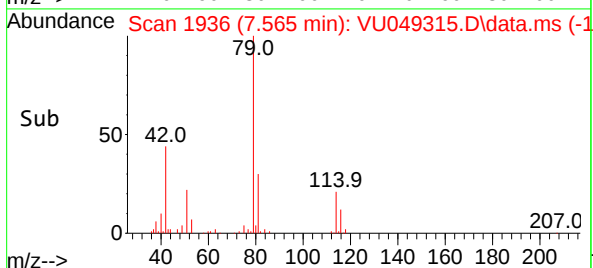
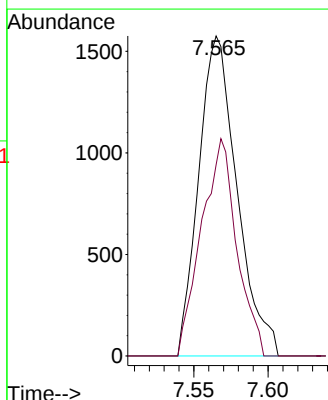
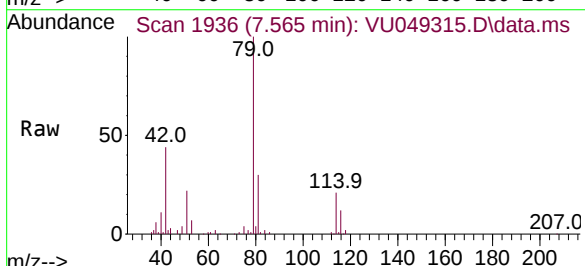
Acq: 20 Jun 2022 18:57

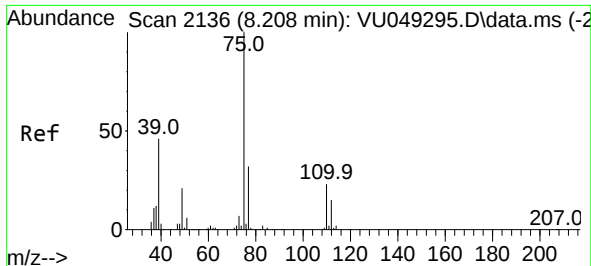
Tgt Ion: 75 Resp: 2827

Ion Ratio Lower Upper

75 100

77 59.8 22.6 42.0#

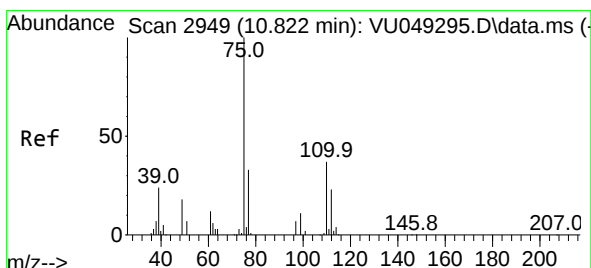
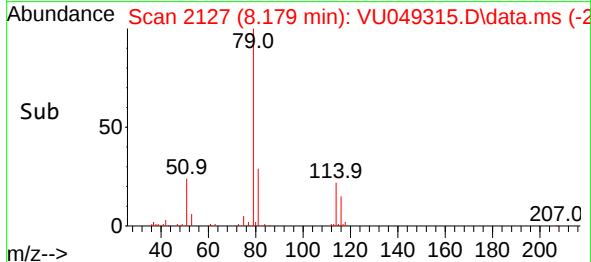
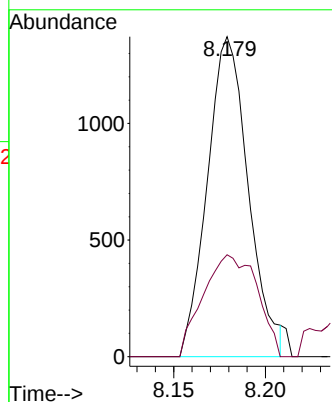
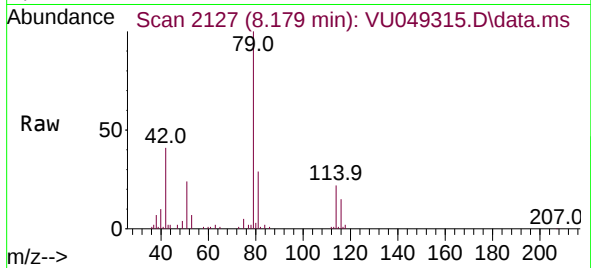




#44
trans-1,3-Dichloropropene
Concen: 0.697 ug/L
RT: 8.179 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU049315.D
Acq: 20 Jun 2022 18:57

Instrument :
MSVOA_U
ClientSampleId :
C0168

Tgt Ion: 75 Resp: 2130
Ion Ratio Lower Upper
75 100
77 31.9 21.9 40.7



#60
1,2,3-Trichloropropane
Concen: 5.367 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU049315.D
Acq: 20 Jun 2022 18:57

Tgt Ion: 75 Resp: 15454
Ion Ratio Lower Upper
75 100
77 32.2 26.6 40.0
110 2.2 30.2 45.4#

