

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061822\
 Data File : VU049283.D
 Acq On : 18 Jun 2022 16:00
 Operator : SY/MD
 Sample : N3313-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YB7L4

Quant Time: Jun 20 00:13:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 20 00:11:46 2022
 Response via : Initial Calibration

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

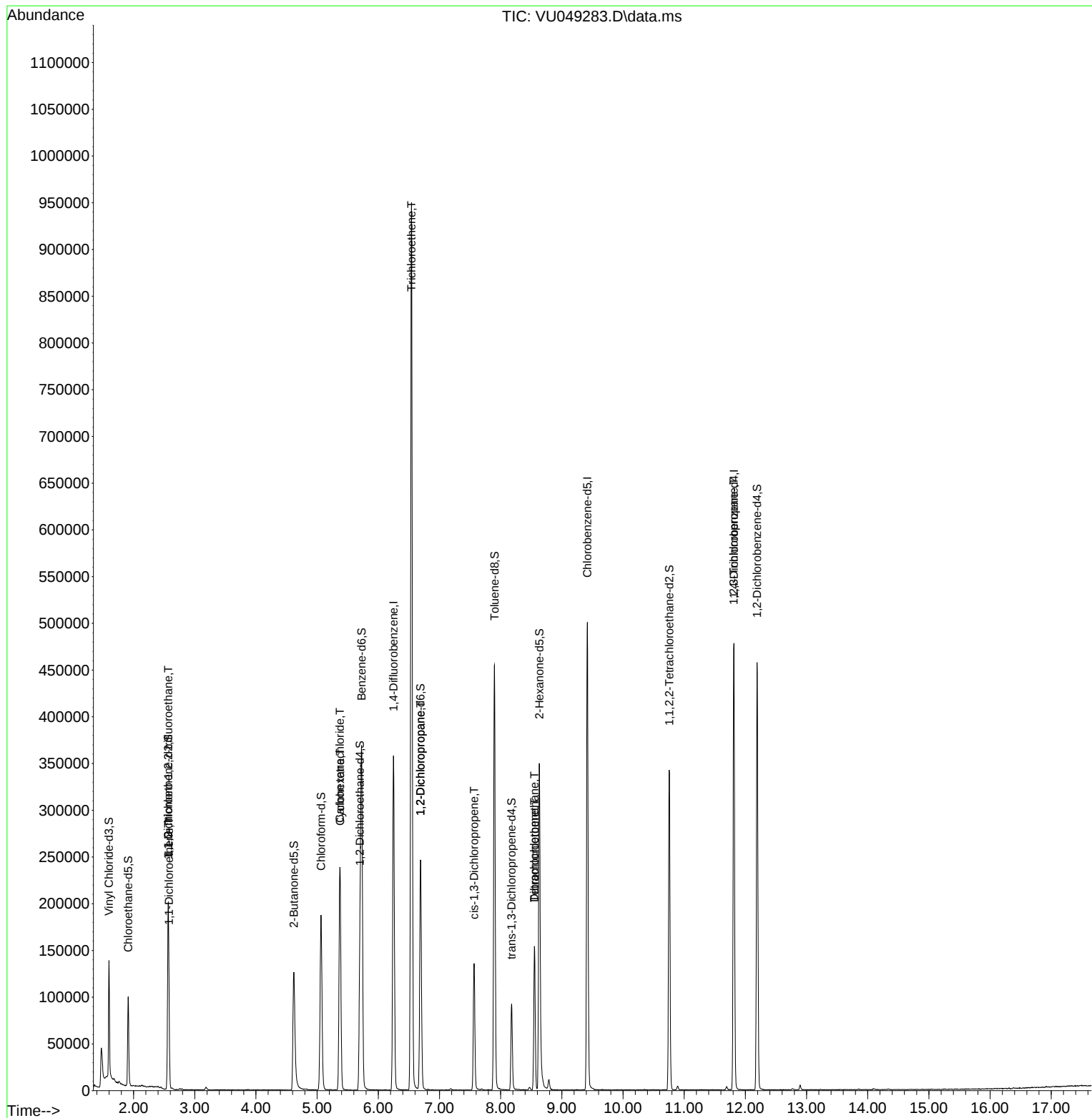
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	281486	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	268672	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	124746	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	86157	49.684	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.360%		
7) Chloroethane-d5	1.912	69	67573	53.072	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	106.140%		
11) 1,1-Dichloroethene-d2	2.565	63	121369	37.092	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.180%		
21) 2-Butanone-d5	4.620	46	190018	99.944	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.940%		
24) Chloroform-d	5.063	84	170622	46.123	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.240%		
26) 1,2-Dichloroethane-d4	5.700	65	111559	46.548	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.100%		
32) Benzene-d6	5.726	84	330569	49.619	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.240%		
36) 1,2-Dichloropropane-d6	6.690	67	120132	53.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.280%		
41) Toluene-d8	7.899	98	299172	50.919	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.840%		
43) trans-1,3-Dichloroprop...	8.179	79	51725	49.091	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.180%		
47) 2-Hexanone-d5	8.632	63	122945	104.886	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.890%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	173491	46.379	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.760%		
66) 1,2-Dichlorobenzene-d4	12.192	152	113977	52.512	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.020%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	916	0.462	ug/L #	19
12) 1,1-Dichloroethene	2.578	96	6431	3.705	ug/L #	1
29) Cyclohexane	5.375	56	3947	1.313	ug/L #	31
31) Carbon tetrachloride	5.372	117	16599	5.065	ug/L #	7
34) Trichloroethene	6.543	95	325838	148.508	ug/L	96
37) 1,2-Dichloropropane	6.690	63	12850	5.235	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3408	0.944	ug/L	88
46) Tetrachloroethene	8.552	164	31833	18.714	ug/L	97
49) Dibromochloromethane	8.552	129	32207	12.162	ug/L #	11
60) 1,2,3-Trichloropropane	11.809	75	16969	5.363	ug/L #	64

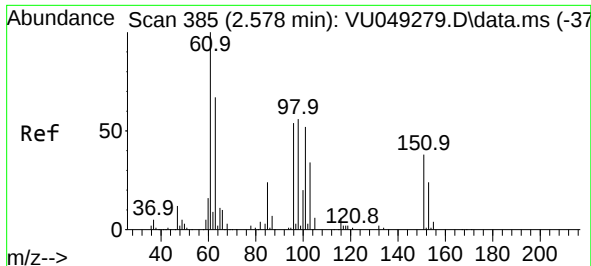
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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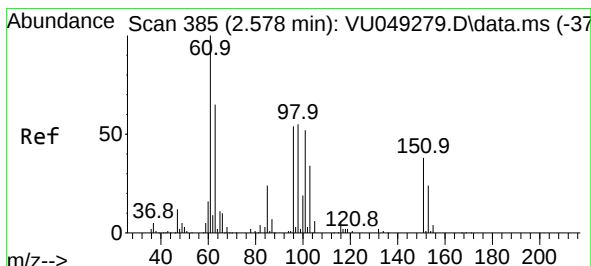
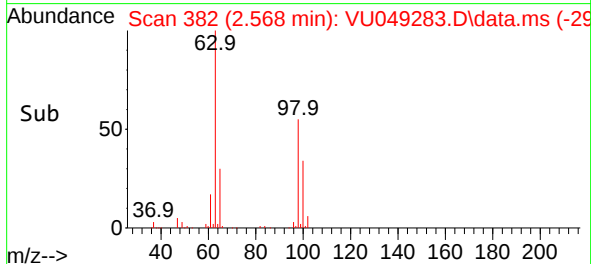
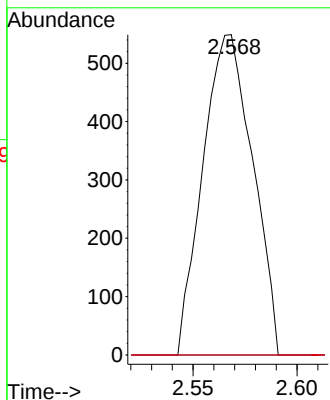
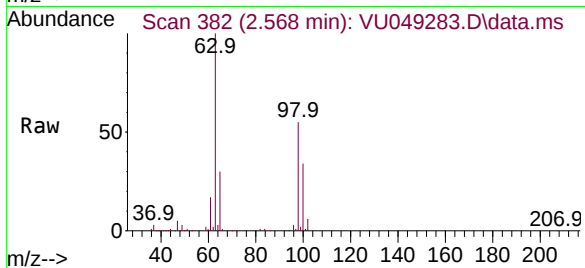




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.462 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VU049283.D
 Acq: 18 Jun 2022 16:00

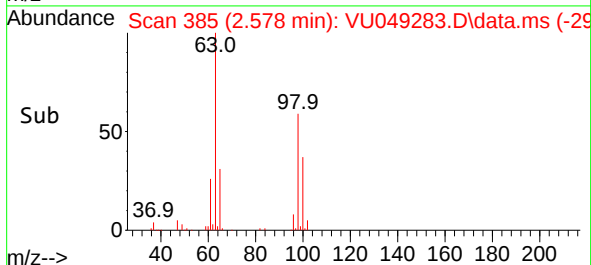
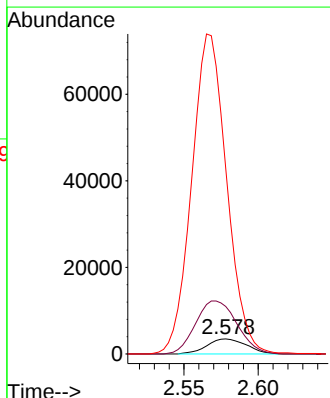
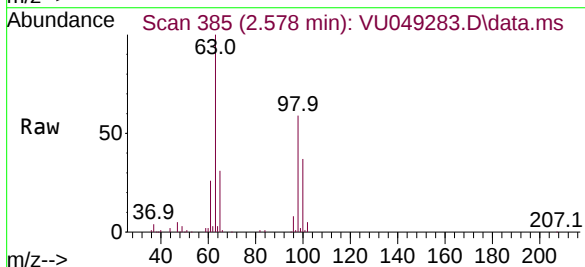
Instrument :
 MSVOA_U
 ClientSampleId :
 YB7L4

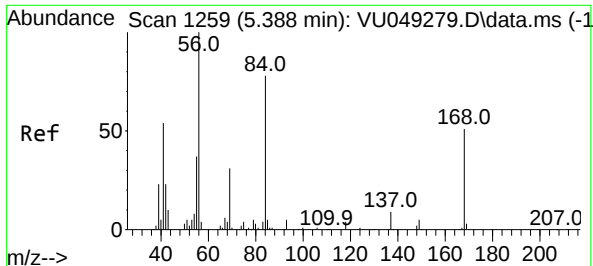
Tgt Ion:101 Resp: 916
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 3.705 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049283.D
 Acq: 18 Jun 2022 16:00

Tgt Ion: 96 Resp: 6431
 Ion Ratio Lower Upper
 96 100
 61 316.3 123.5 229.3#
 63 1236.2 86.0 159.8#





#29

Cyclohexane

Concen: 1.313 ug/L

RT: 5.375 min Scan# 11

Delta R.T. -0.013 min

Lab File: VU049283.D

Acq: 18 Jun 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

YB7L4

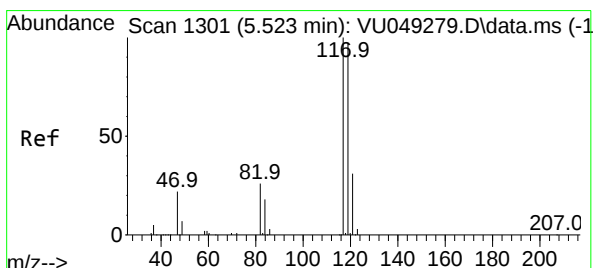
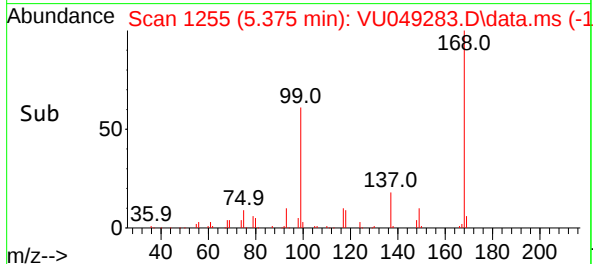
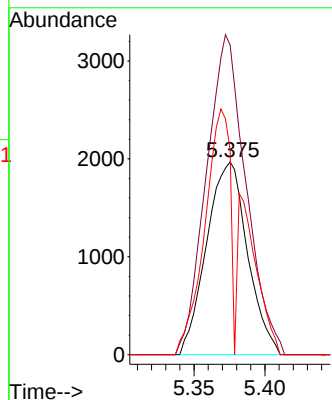
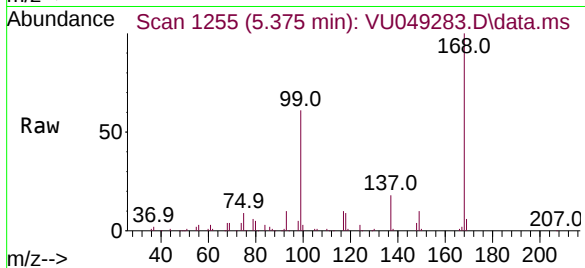
Tgt Ion: 56 Resp: 3947

Ion Ratio Lower Upper

56 100

69 161.1 24.6 36.8#

84 78.3 69.7 104.5



#31

Carbon tetrachloride

Concen: 5.065 ug/L

RT: 5.372 min Scan# 1254

Delta R.T. -0.151 min

Lab File: VU049283.D

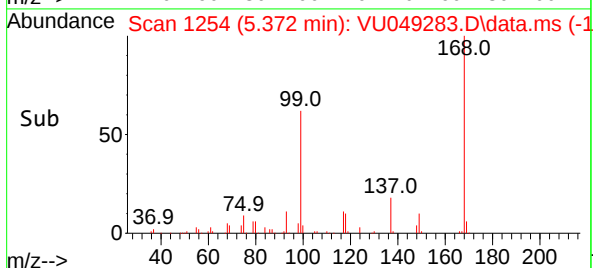
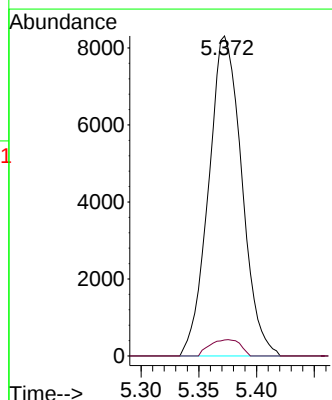
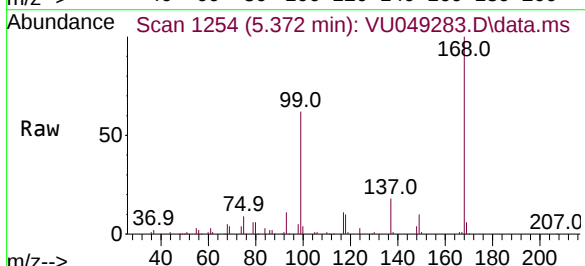
Acq: 18 Jun 2022 16:00

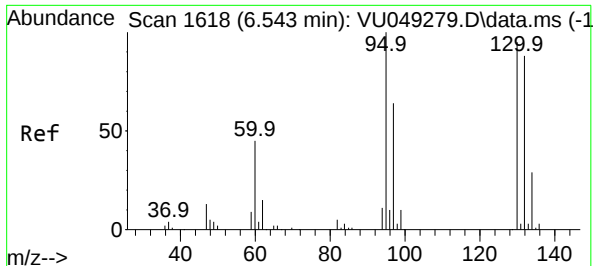
Tgt Ion: 117 Resp: 16599

Ion Ratio Lower Upper

117 100

119 4.7 76.5 114.7#

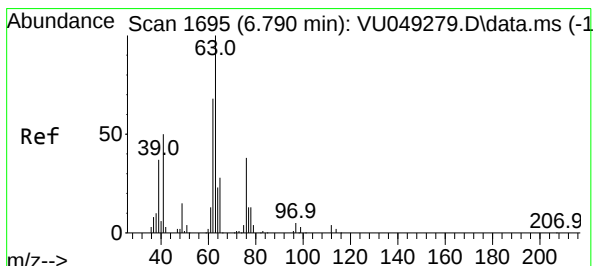
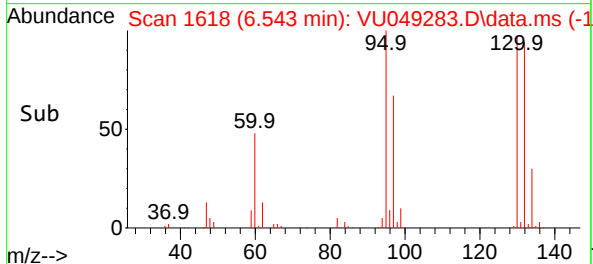
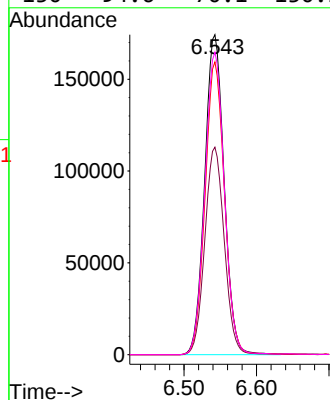
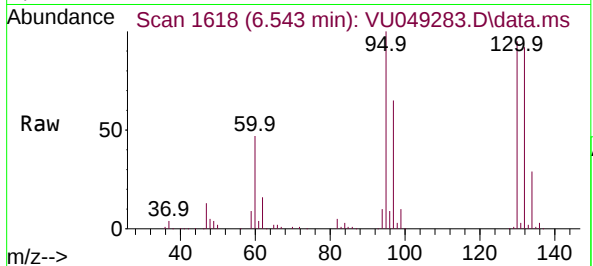




#34
 Trichloroethene
 Concen: 148.508 ug/L
 RT: 6.543 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU049283.D
 Acq: 18 Jun 2022 16:00

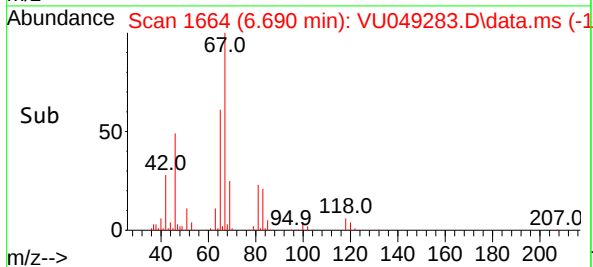
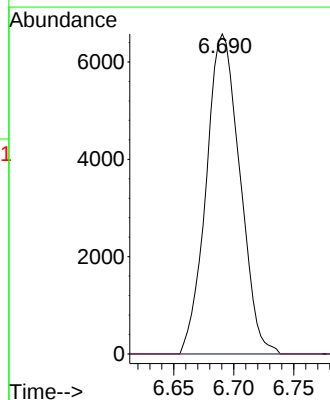
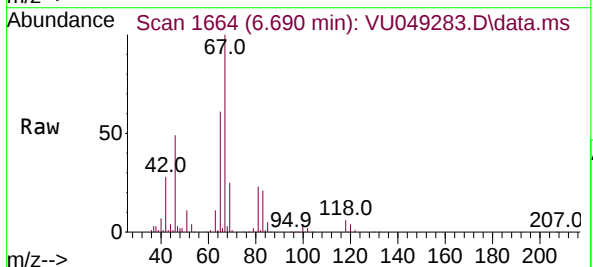
Instrument :
 MSVOA_U
 ClientSampleId :
 YB7L4

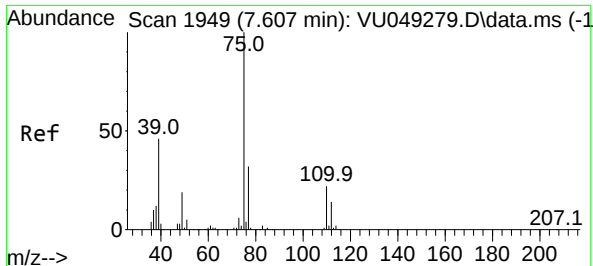
Tgt Ion: 95 Resp: 325838
 Ion Ratio Lower Upper
 95 100
 97 64.9 45.4 84.4
 132 91.5 67.6 125.6
 130 94.6 70.1 130.3



#37
 1,2-Dichloropropane
 Concen: 5.235 ug/L
 RT: 6.690 min Scan# 1664
 Delta R.T. -0.100 min
 Lab File: VU049283.D
 Acq: 18 Jun 2022 16:00

Tgt Ion: 63 Resp: 12850
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.944 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049283.D

Acq: 18 Jun 2022 16:00

Instrument :

MSVOA_U

ClientSampleId :

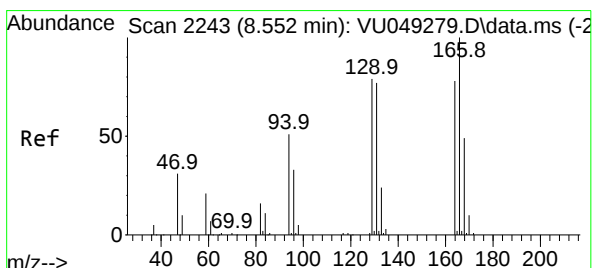
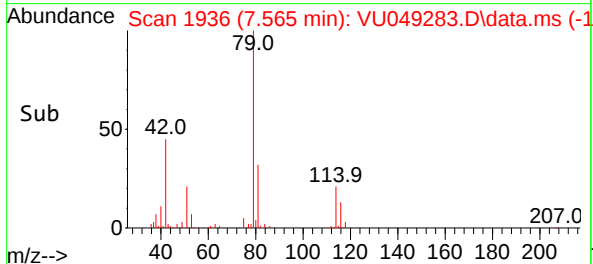
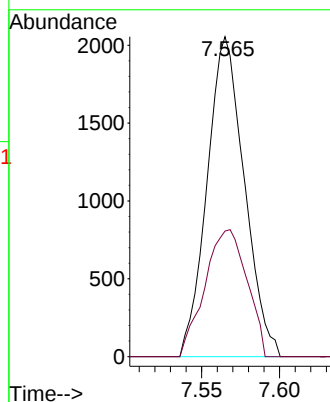
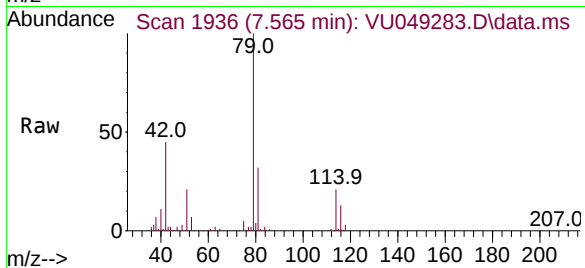
YB7L4

Tgt Ion: 75 Resp: 3408

Ion Ratio Lower Upper

75 100

77 39.2 22.6 42.0



#46

Tetrachloroethene

Concen: 18.714 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU049283.D

Acq: 18 Jun 2022 16:00

Tgt Ion: 164 Resp: 31833

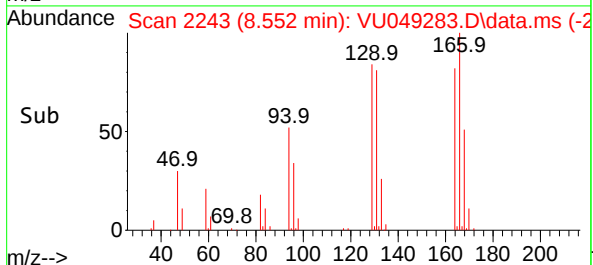
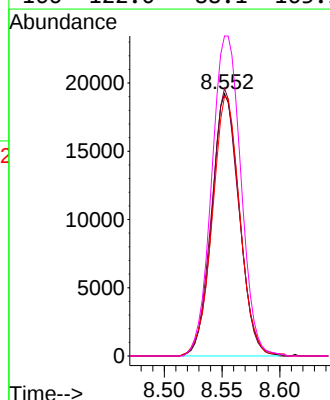
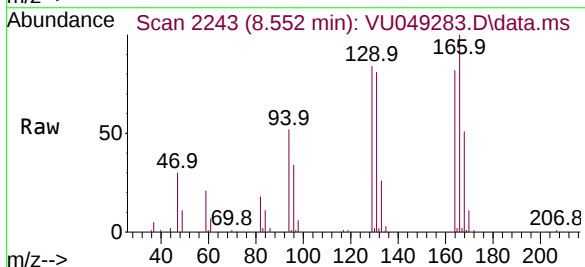
Ion Ratio Lower Upper

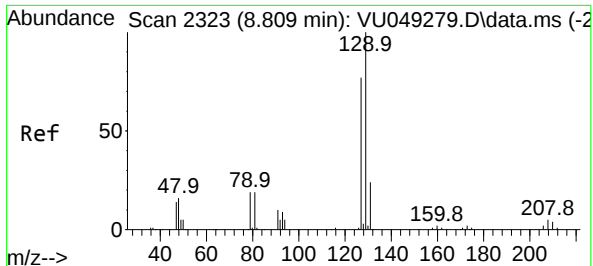
164 100

129 102.1 70.9 131.7

131 99.0 66.2 123.0

166 122.0 88.1 163.5





#49

Dibromochloromethane

Concen: 12.162 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU049283.D

Acq: 18 Jun 2022 16:00

Instrument :

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ClientSampleId :

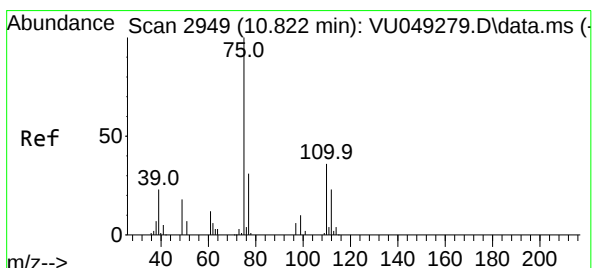
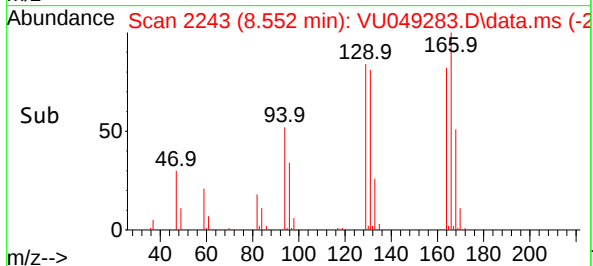
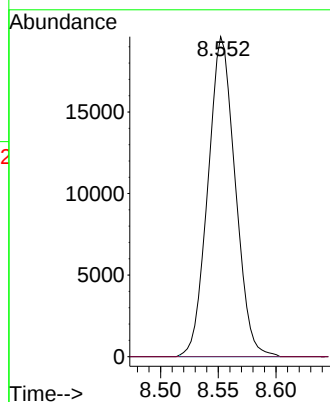
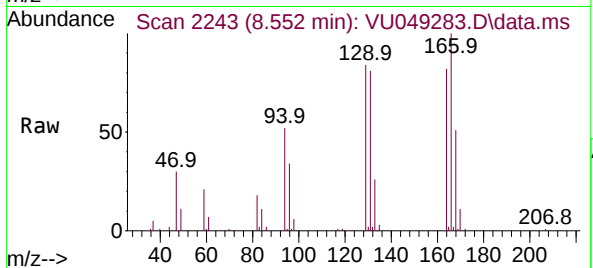
YB7L4

Tgt Ion:129 Resp: 32207

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#60

1,2,3-Trichloropropane

Concen: 5.363 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU049283.D

Acq: 18 Jun 2022 16:00

Tgt Ion: 75 Resp: 16969

Ion Ratio Lower Upper

75 100

77 29.1 26.6 40.0

110 0.6 30.2 45.4#

