

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061822\
 Data File : VU049288.D
 Acq On : 18 Jun 2022 17:58
 Operator : SY/MD
 Sample : N3313-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

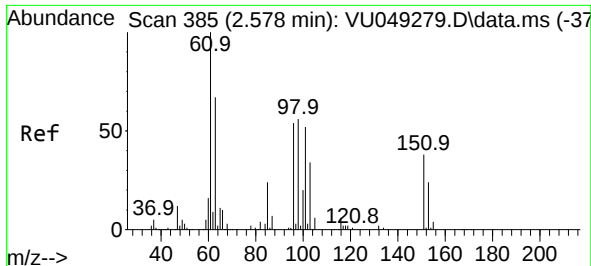
Instrument :
 MSVOA_U
 ClientSampleId :
 YB7L6

Quant Time: Jun 20 00:14:22 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	257722	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	248594	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	115993	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73158	46.078	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.160%		
7) Chloroethane-d5	1.912	69	61588	52.831	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	105.660%		
11) 1,1-Dichloroethene-d2	2.568	63	101232	33.790	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.580%		
21) 2-Butanone-d5	4.620	46	187885	107.935	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.930%		
24) Chloroform-d	5.063	84	159447	47.077	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.160%		
26) 1,2-Dichloroethane-d4	5.700	65	108815	49.590	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.180%		
32) Benzene-d6	5.729	84	306830	49.775	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.560%		
36) 1,2-Dichloropropane-d6	6.690	67	114375	55.193	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	110.380%		
41) Toluene-d8	7.899	98	270521	49.761	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.520%		
43) trans-1,3-Dichloroprop...	8.179	79	49383	50.654	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.300%		
47) 2-Hexanone-d5	8.629	63	122090	112.569	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	112.570%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	170974	49.398	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.800%		
66) 1,2-Dichlorobenzene-d4	12.192	152	108127	53.576	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.160%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	657	0.362	ug/L #	19
12) 1,1-Dichloroethene	2.581	96	5359	3.372	ug/L #	1
29) Cyclohexane	5.369	56	3244	1.166	ug/L #	1
31) Carbon tetrachloride	5.372	117	14805	4.883	ug/L #	7
34) Trichloroethene	6.543	95	287554	141.644	ug/L	96
35) Methylcyclohexane	6.690	83	24507	8.648	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	12063	5.311	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3363	1.006	ug/L #	65
44) trans-1,3-Dichloropropene	8.176	75	2110	0.638	ug/L #	78
46) Tetrachloroethene	8.552	164	27286	17.337	ug/L	98
49) Dibromochloromethane	8.552	129	28500	11.631	ug/L #	11
60) 1,2,3-Trichloropropane	11.812	75	15227	5.175	ug/L #	66

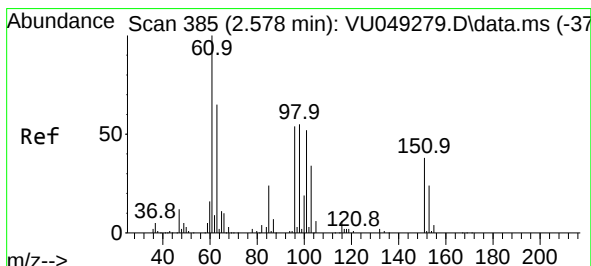
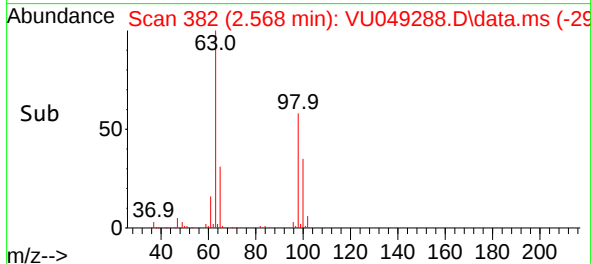
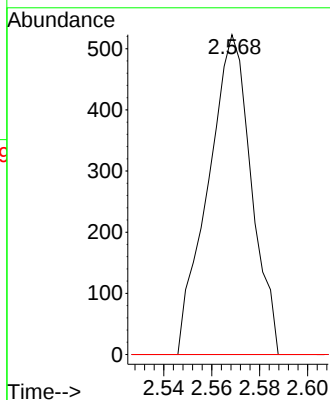
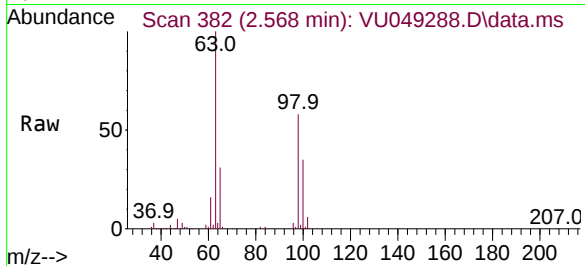
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.362 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.010 min
Lab File: VU049288.D
Acq: 18 Jun 2022 17:58

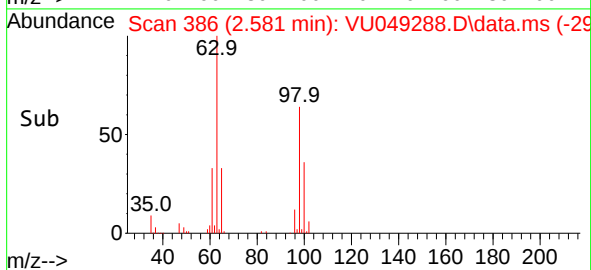
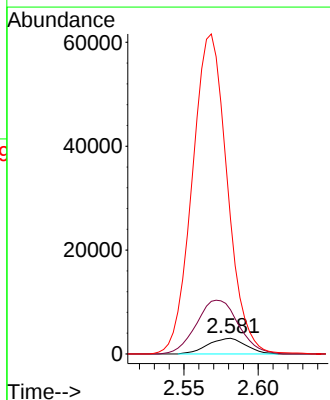
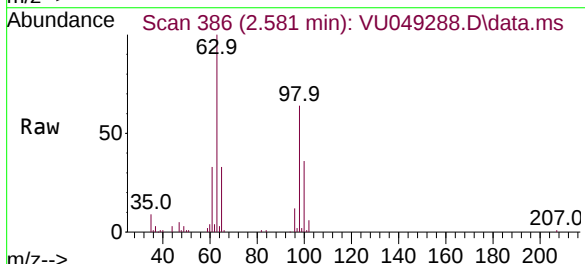
Instrument :
MSVOA_U
ClientSampleId :
YB7L6

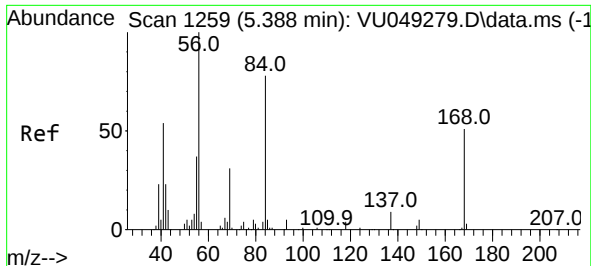
Tgt Ion:101 Resp: 657
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 0.0 61.4 92.2#



#12
1,1-Dichloroethene
Concen: 3.372 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU049288.D
Acq: 18 Jun 2022 17:58

Tgt Ion: 96 Resp: 5359
Ion Ratio Lower Upper
96 100
61 281.2 123.5 229.3#
63 860.4 86.0 159.8#





#29

Cyclohexane

Concen: 1.166 ug/L

RT: 5.369 min Scan# 11

Delta R.T. -0.019 min

Lab File: VU049288.D

Acq: 18 Jun 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

YB7L6

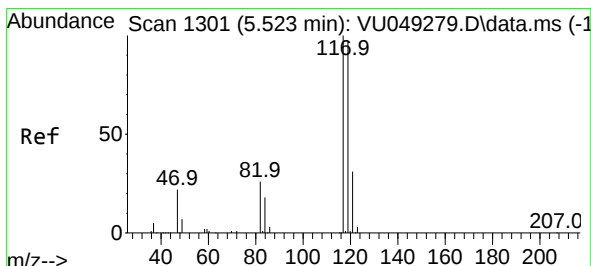
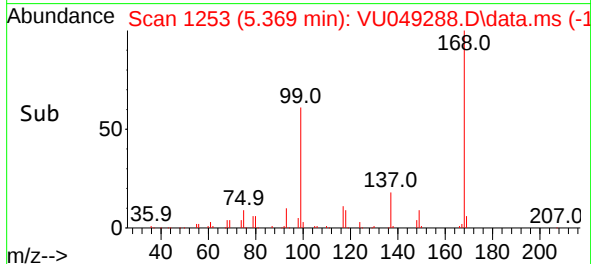
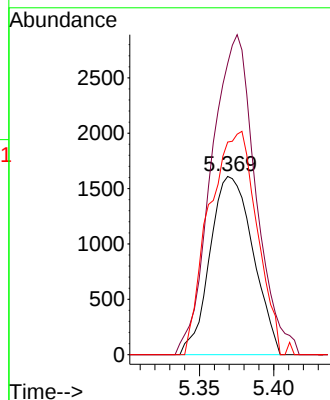
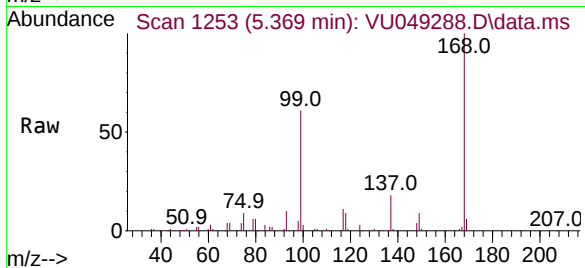
Tgt Ion: 56 Resp: 3244

Ion Ratio Lower Upper

56 100

69 184.4 24.6 36.8#

84 139.1 69.7 104.5#



#31

Carbon tetrachloride

Concen: 4.883 ug/L

RT: 5.372 min Scan# 1254

Delta R.T. -0.151 min

Lab File: VU049288.D

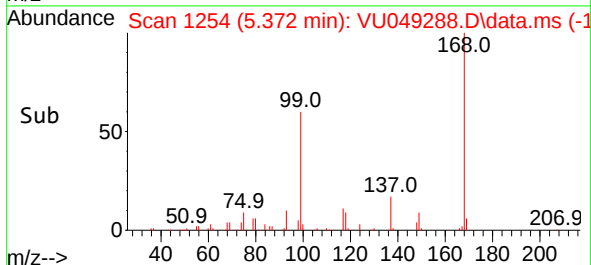
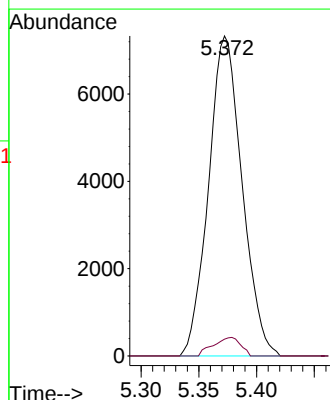
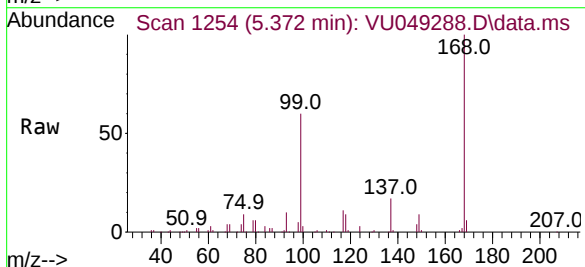
Acq: 18 Jun 2022 17:58

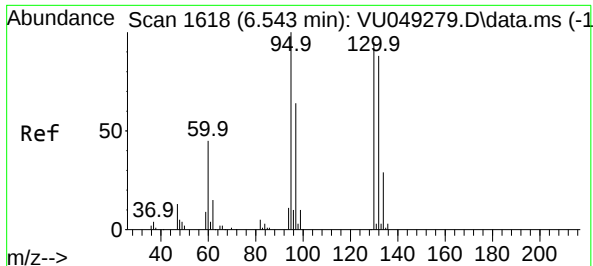
Tgt Ion: 117 Resp: 14805

Ion Ratio Lower Upper

117 100

119 4.7 76.5 114.7#



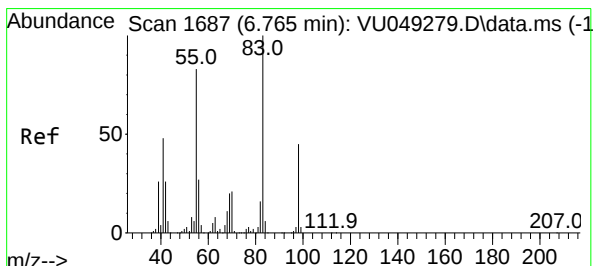
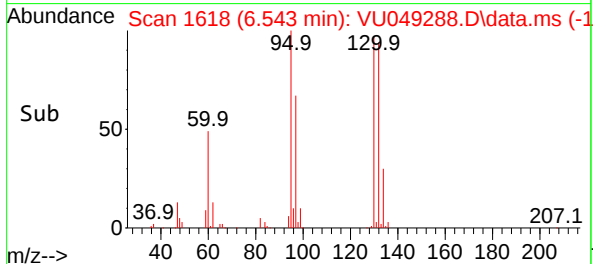
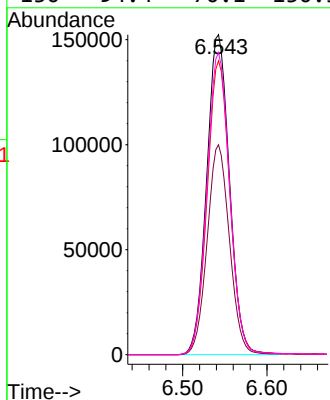
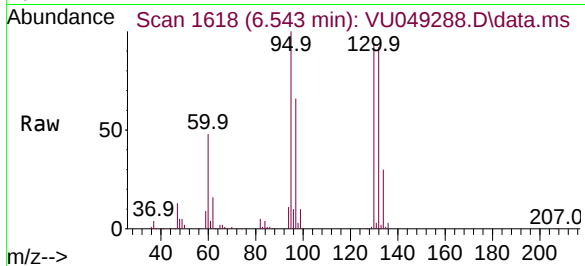


#34
Trichloroethene
Concen: 141.644 ug/L
RT: 6.543 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049288.D
Acq: 18 Jun 2022 17:58

Instrument :
MSVOA_U
ClientSampleId :
YB7L6

Tgt Ion: 95 Resp: 287554

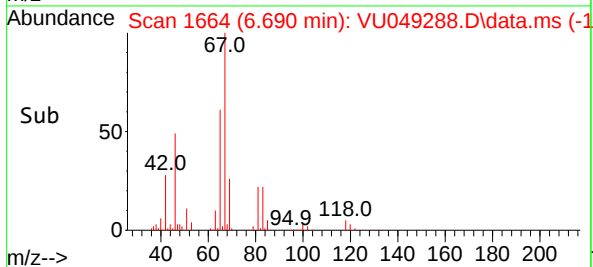
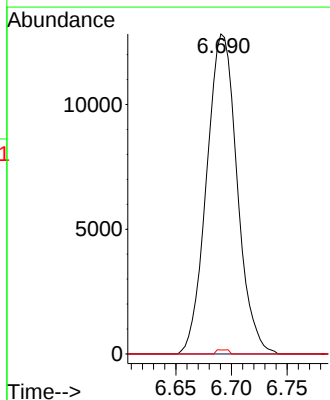
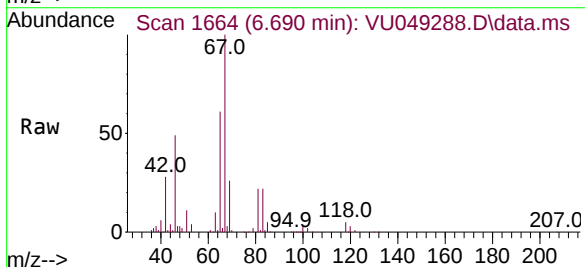
Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.4	84.4
132	91.9	67.6	125.6
130	94.4	70.1	130.3

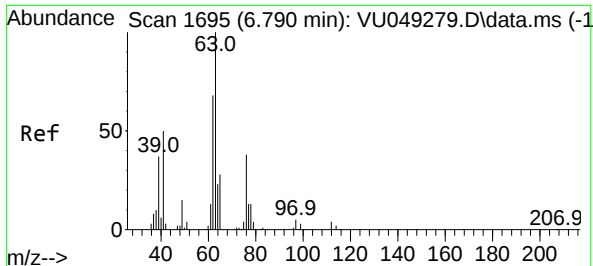


#35
Methylcyclohexane
Concen: 8.648 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049288.D
Acq: 18 Jun 2022 17:58

Tgt Ion: 83 Resp: 24507

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.6#
98	0.3	36.8	55.2#





#37

1,2-Dichloropropane

Concen: 5.311 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049288.D

Acq: 18 Jun 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

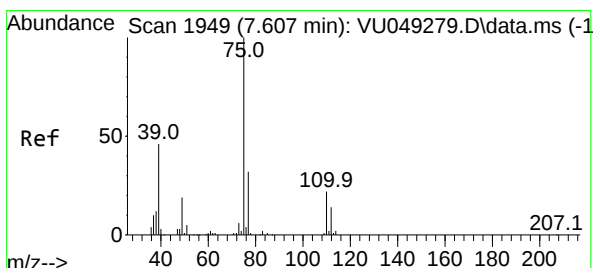
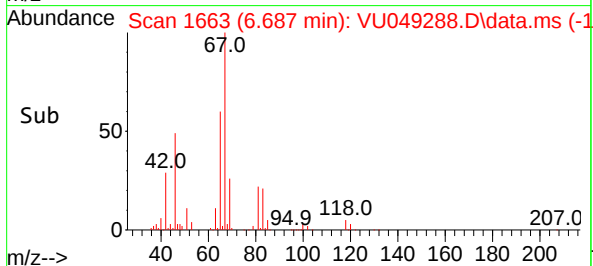
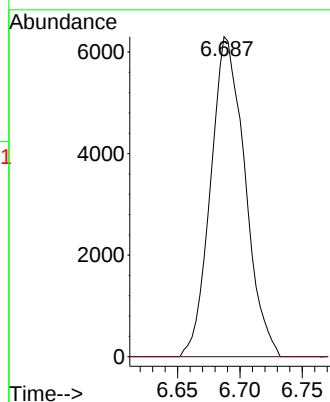
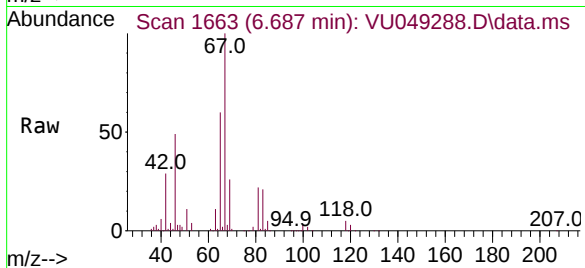
YB7L6

Tgt Ion: 63 Resp: 12063

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 1.006 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049288.D

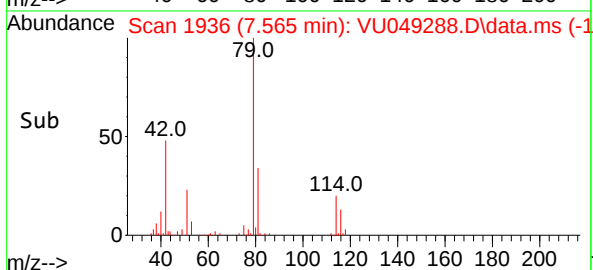
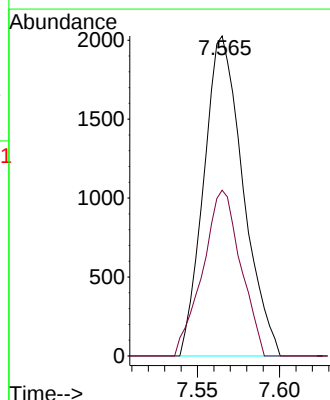
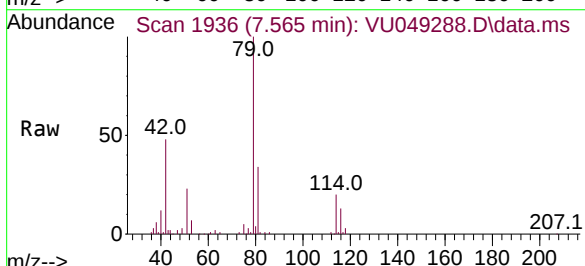
Acq: 18 Jun 2022 17:58

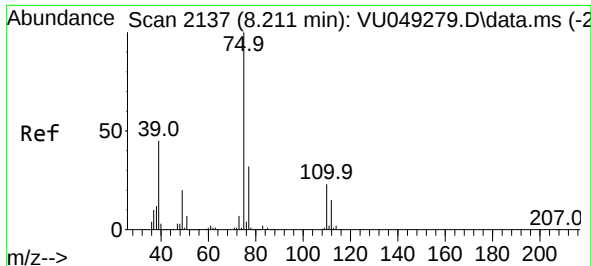
Tgt Ion: 75 Resp: 3363

Ion Ratio Lower Upper

75 100

77 51.8 22.6 42.0#

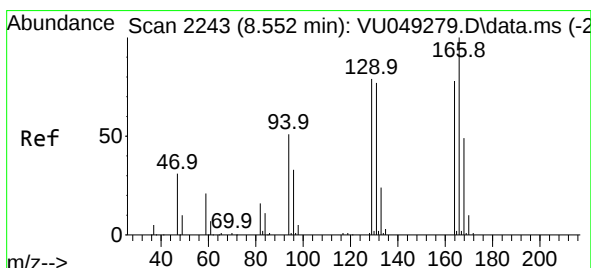
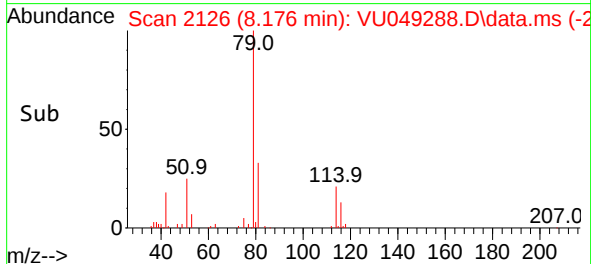
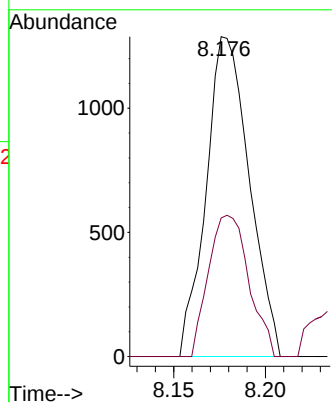
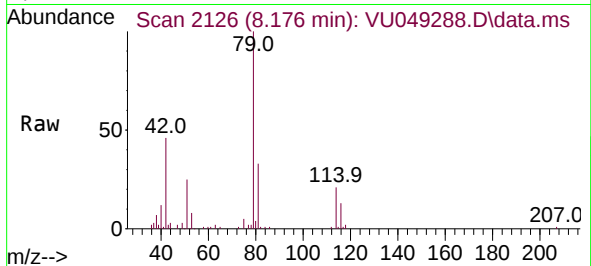




#44
trans-1,3-Dichloropropene
Concen: 0.638 ug/L
RT: 8.176 min Scan# 2137
Delta R.T. -0.036 min
Lab File: VU049288.D
Acq: 18 Jun 2022 17:58

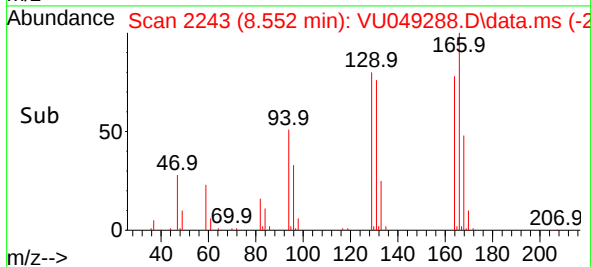
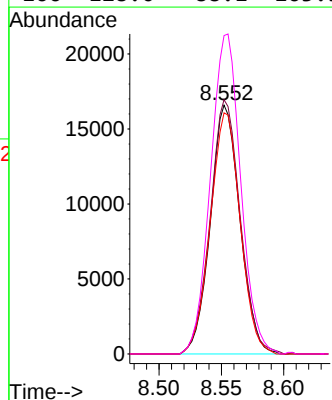
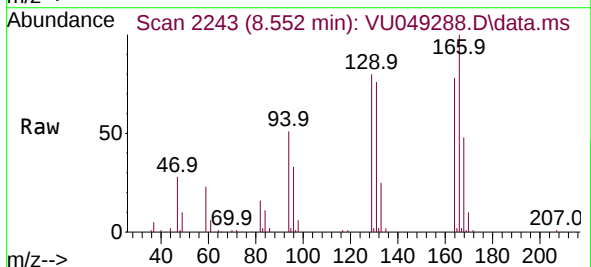
Instrument :
MSVOA_U
ClientSampleId :
YB7L6

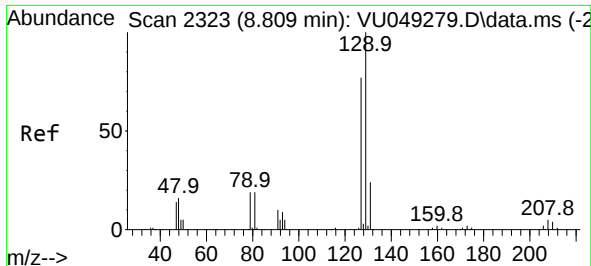
Tgt Ion: 75 Resp: 2110
Ion Ratio Lower Upper
75 100
77 43.3 21.9 40.7#



#46
Tetrachloroethene
Concen: 17.337 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049288.D
Acq: 18 Jun 2022 17:58

Tgt Ion:164 Resp: 27286
Ion Ratio Lower Upper
164 100
129 102.2 70.9 131.7
131 97.0 66.2 123.0
166 128.0 88.1 163.5

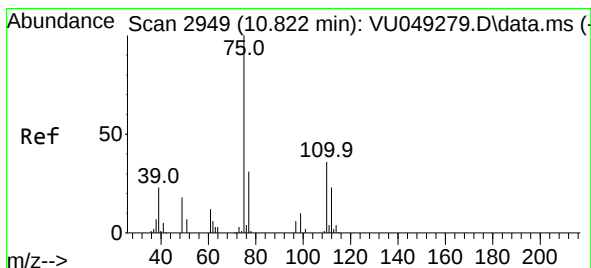
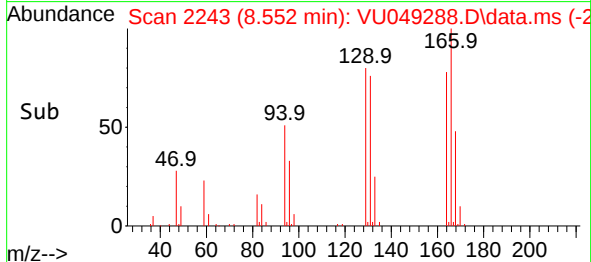
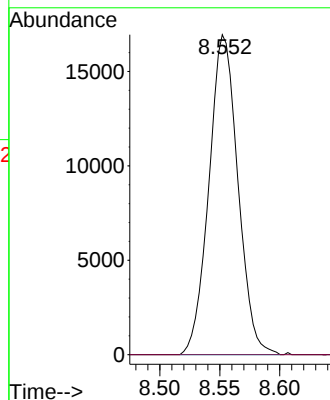
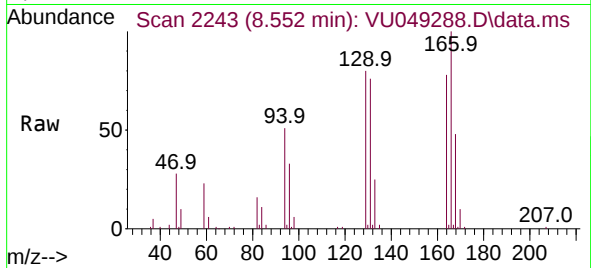




#49
Dibromochloromethane
Concen: 11.631 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU049288.D
Acq: 18 Jun 2022 17:58

Instrument :
MSVOA_U
ClientSampleId :
YB7L6

Tgt Ion:129 Resp: 28500
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#60
1,2,3-Trichloropropane
Concen: 5.175 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049288.D
Acq: 18 Jun 2022 17:58

Tgt Ion: 75 Resp: 15227
Ion Ratio Lower Upper
75 100
77 32.5 26.6 40.0
110 0.5 30.2 45.4#

