

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061822\
 Data File : VU049284.D
 Acq On : 18 Jun 2022 16:24
 Operator : SY/MD
 Sample : N3313-07DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YB7L5DL

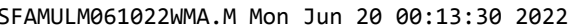
Quant Time: Jun 20 00:13:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 20 00:11:46 2022
 Response via : Initial Calibration

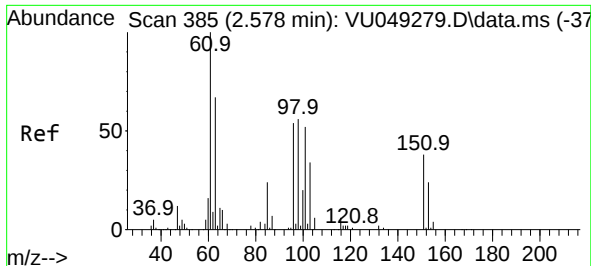
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	291390	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	269633	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	125727	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89422	49.815	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.620%			
7) Chloroethane-d5	1.913	69	69164	52.475	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.960%			
11) 1,1-Dichloroethene-d2	2.565	63	126417	37.321	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.640%			
21) 2-Butanone-d5	4.623	46	205569	104.449	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.450%			
24) Chloroform-d	5.064	84	176117	45.991	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.980%			
26) 1,2-Dichloroethane-d4	5.700	65	115155	46.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.840%			
32) Benzene-d6	5.726	84	343478	51.373	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.740%			
36) 1,2-Dichloropropane-d6	6.690	67	122319	54.421	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.840%			
41) Toluene-d8	7.896	98	304156	51.582	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.160%			
43) trans-1,3-Dichloroprop...	8.179	79	52073	49.245	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.500%			
47) 2-Hexanone-d5	8.632	63	131122	111.464	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.460%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	175892	46.854	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.700%			
66) 1,2-Dichlorobenzene-d4	12.192	152	119508	54.630	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.260%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1070	0.521	ug/L #	19
12) 1,1-Dichloroethene	2.578	96	7783	4.331	ug/L #	1
20) cis-1,2-Dichloroethene	4.668	96	13275	5.523	ug/L	97
27) 1,2-Dichloroethane	5.797	62	1985	0.550	ug/L #	76
29) Cyclohexane	5.369	56	4077	1.351	ug/L #	25
31) Carbon tetrachloride	5.375	117	17192	5.228	ug/L #	6
34) Trichloroethene	6.543	95	381258	173.147	ug/L	95
35) Methylcyclohexane	6.690	83	27264	8.871	ug/L #	19
39) cis-1,3-Dichloropropene	7.562	75	3274	0.903	ug/L #	73
44) trans-1,3-Dichloropropene	8.179	75	2454	0.684	ug/L #	67
46) Tetrachloroethene	8.552	164	5482	3.211	ug/L	90
49) Dibromochloromethane	8.552	129	5615	2.113	ug/L #	11
60) 1,2,3-Trichloropropane	11.812	75	16737	5.248	ug/L #	67

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

Quant Time: Jun 20 00:13:22 2022
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Quant Title : VOC Analysis
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Response via : Initial Calibration

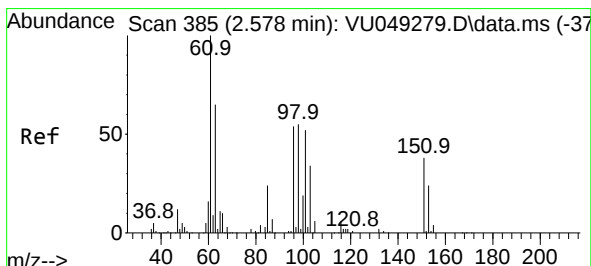
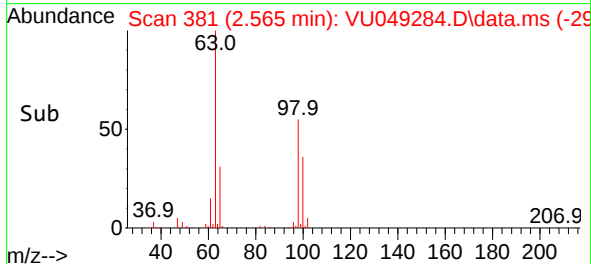
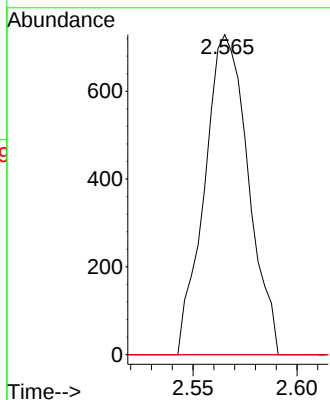
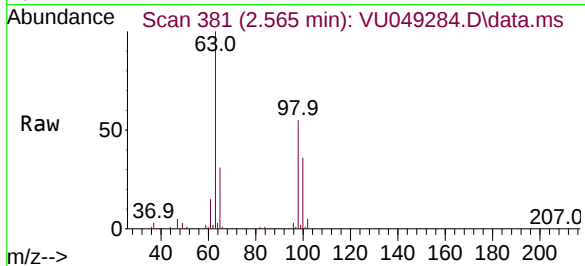




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.521 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU049284.D
 Acq: 18 Jun 2022 16:24

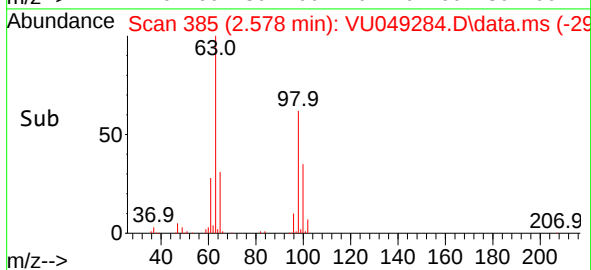
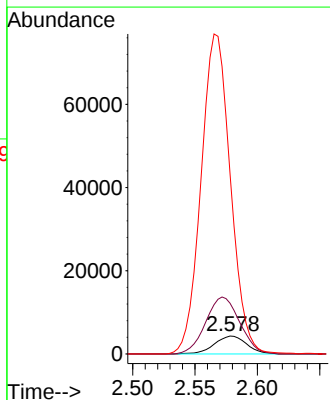
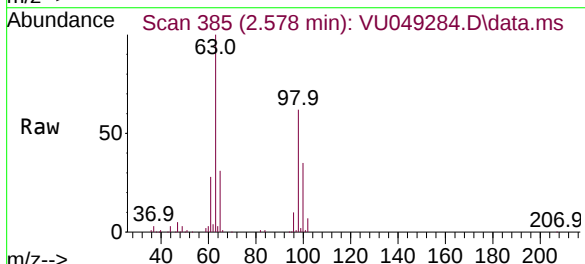
Instrument :
 MSVOA_U
 ClientSampleId :
 YB7L5DL

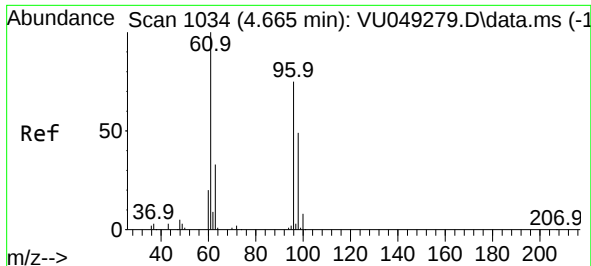
Tgt Ion:101 Resp: 1070
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 4.331 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049284.D
 Acq: 18 Jun 2022 16:24

Tgt Ion: 96 Resp: 7783
 Ion Ratio Lower Upper
 96 100
 61 283.8 123.5 229.3#
 63 1007.8 86.0 159.8#

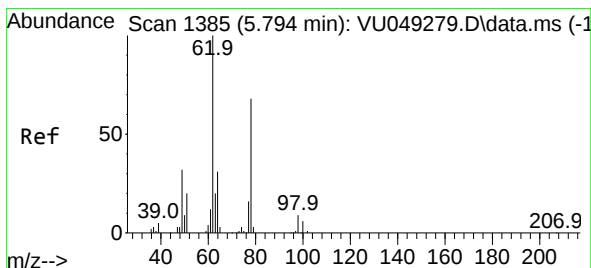
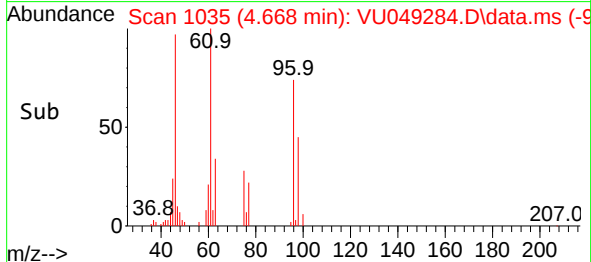
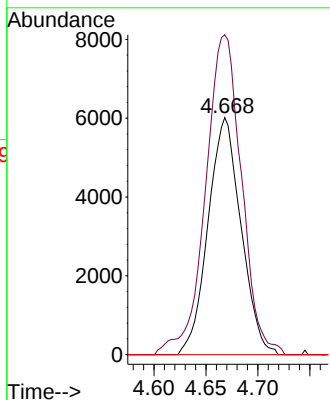
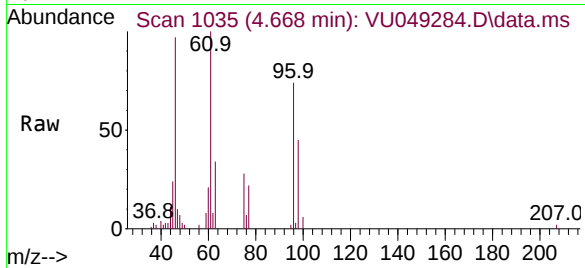




#20
 cis-1,2-Dichloroethene
 Concen: 5.523 ug/L
 RT: 4.668 min Scan# 1034
 Delta R.T. 0.003 min
 Lab File: VU049284.D
 Acq: 18 Jun 2022 16:24

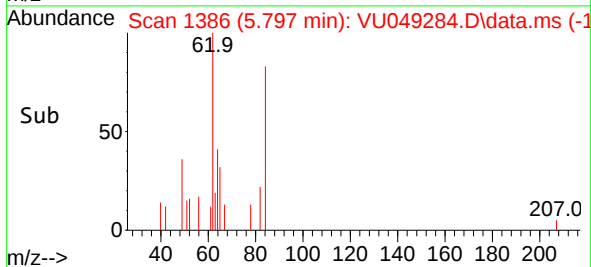
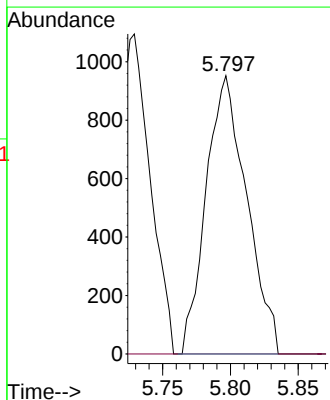
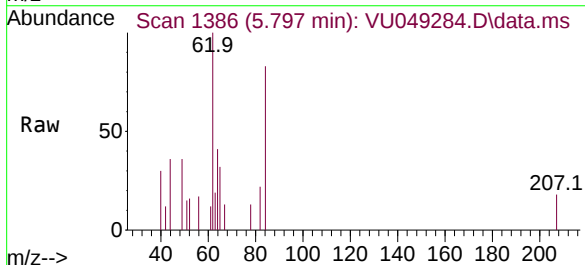
Instrument :
 MSVOA_U
 ClientSampleId :
 YB7L5DL

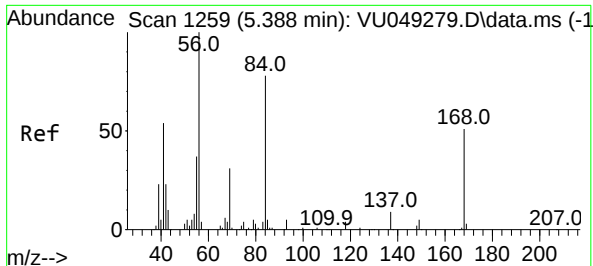
Tgt Ion: 96 Resp: 13275
 Ion Ratio Lower Upper
 96 100
 61 134.9 91.6 170.2
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.550 ug/L
 RT: 5.797 min Scan# 1386
 Delta R.T. 0.003 min
 Lab File: VU049284.D
 Acq: 18 Jun 2022 16:24

Tgt Ion: 62 Resp: 1985
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.4#





#29

Cyclohexane

Concen: 1.351 ug/L

RT: 5.369 min Scan# 11

Delta R.T. -0.019 min

Lab File: VU049284.D

Acq: 18 Jun 2022 16:24

Instrument :

MSVOA_U

ClientSampleId :

YB7L5DL

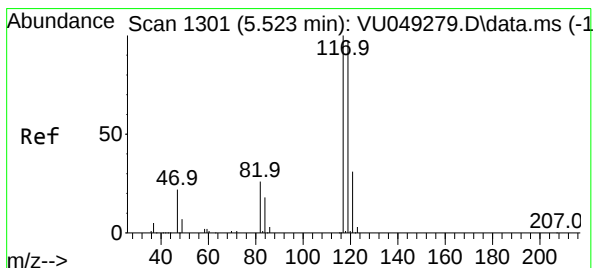
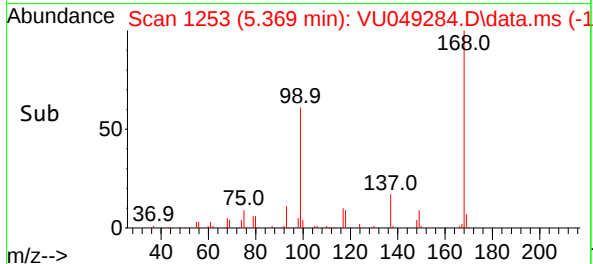
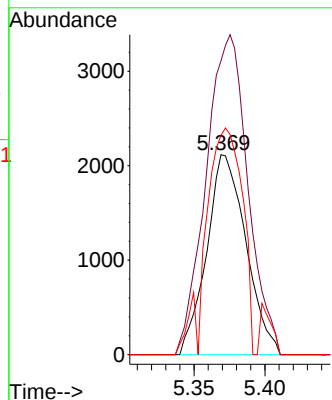
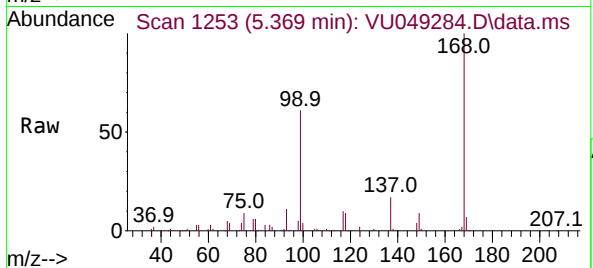
Tgt Ion: 56 Resp: 4077

Ion Ratio Lower Upper

56 100

69 170.5 24.6 36.8#

84 98.0 69.7 104.5



#31

Carbon tetrachloride

Concen: 5.228 ug/L

RT: 5.375 min Scan# 1255

Delta R.T. -0.148 min

Lab File: VU049284.D

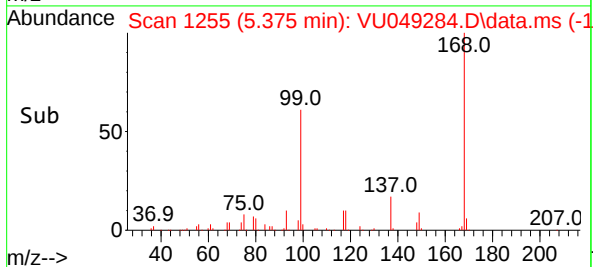
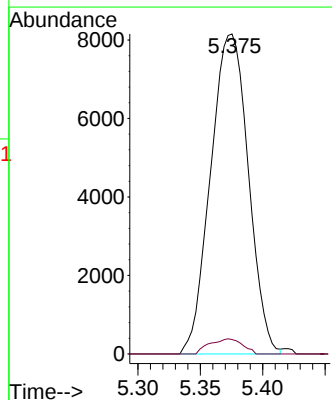
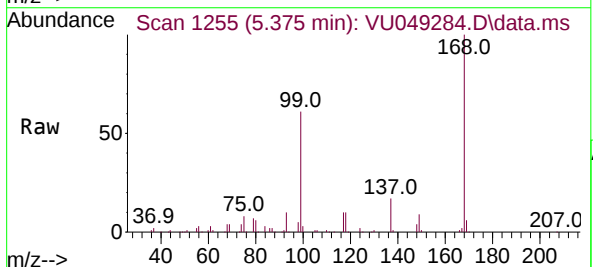
Acq: 18 Jun 2022 16:24

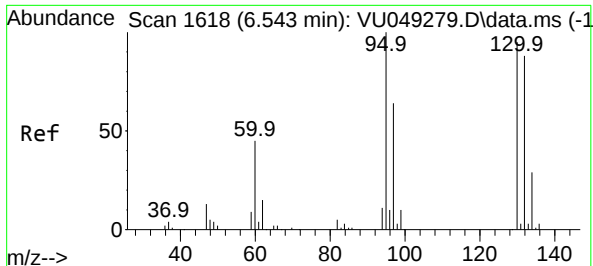
Tgt Ion: 117 Resp: 17192

Ion Ratio Lower Upper

117 100

119 4.1 76.5 114.7#





#34

Trichloroethene

Concen: 173.147 ug/L

RT: 6.543 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049284.D

Acq: 18 Jun 2022 16:24

Instrument :

MSVOA_U

ClientSampleId :

YB7L5DL

Tgt Ion: 95 Resp: 381258

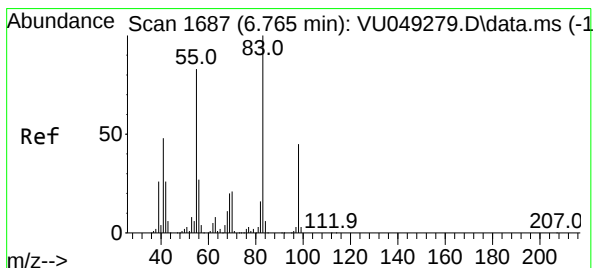
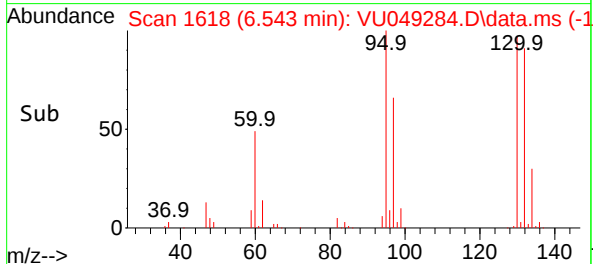
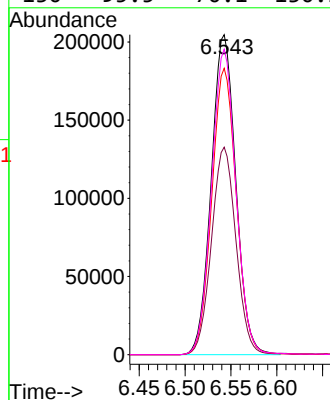
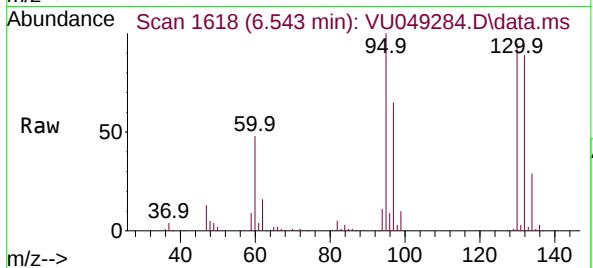
Ion Ratio Lower Upper

95 100

97 64.9 45.4 84.4

132 89.5 67.6 125.6

130 95.5 70.1 130.3



#35

Methylcyclohexane

Concen: 8.871 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU049284.D

Acq: 18 Jun 2022 16:24

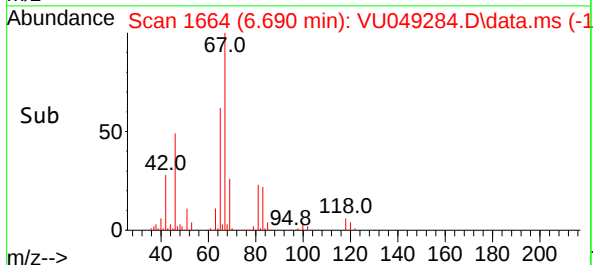
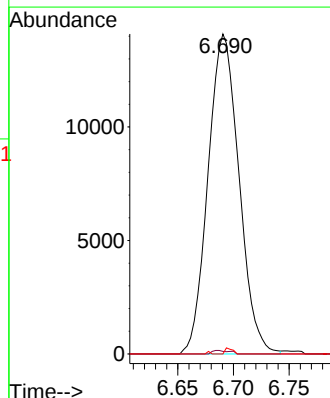
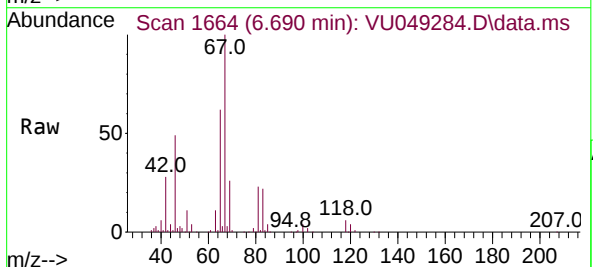
Tgt Ion: 83 Resp: 27264

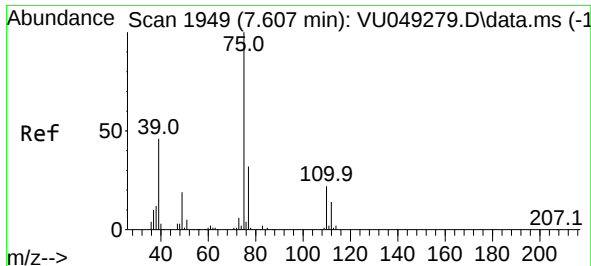
Ion Ratio Lower Upper

83 100

55 0.5 61.0 91.6#

98 0.5 36.8 55.2#





#39

cis-1,3-Dichloropropene

Concen: 0.903 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU049284.D

Acq: 18 Jun 2022 16:24

Instrument :

MSVOA_U

ClientSampleId :

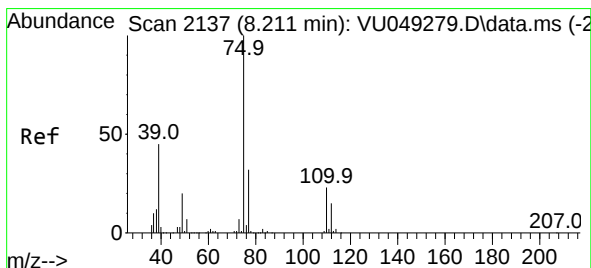
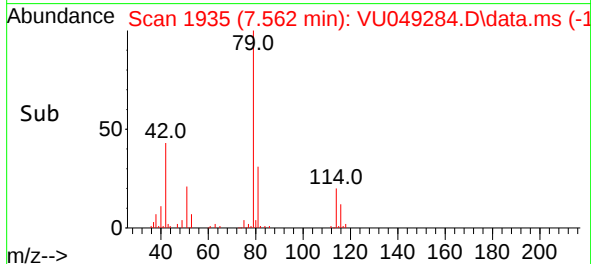
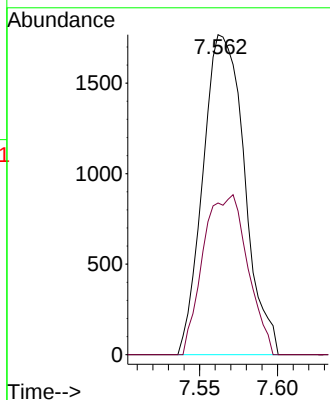
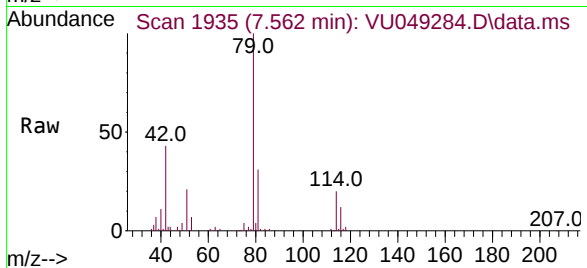
YB7L5DL

Tgt Ion: 75 Resp: 3274

Ion Ratio Lower Upper

75 100

77 47.4 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.684 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU049284.D

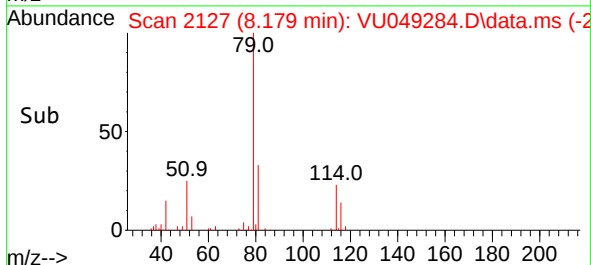
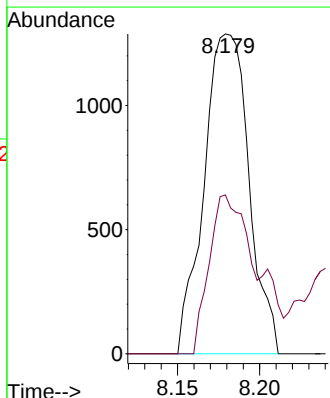
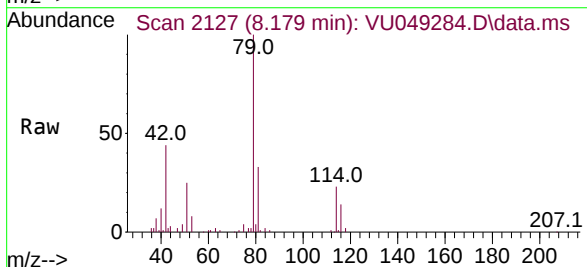
Acq: 18 Jun 2022 16:24

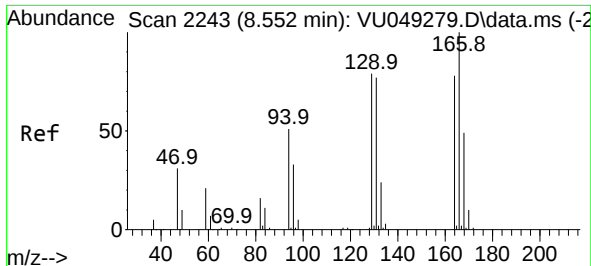
Tgt Ion: 75 Resp: 2454

Ion Ratio Lower Upper

75 100

77 49.7 21.9 40.7#

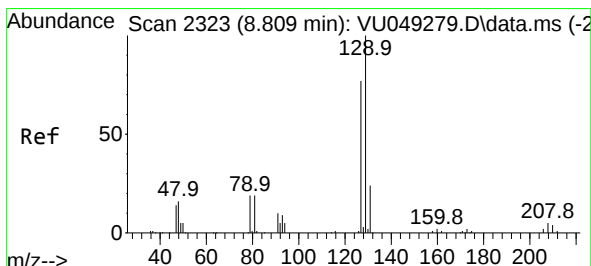
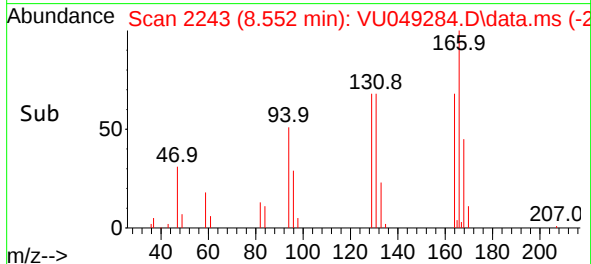
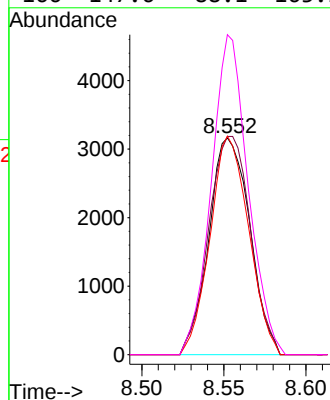
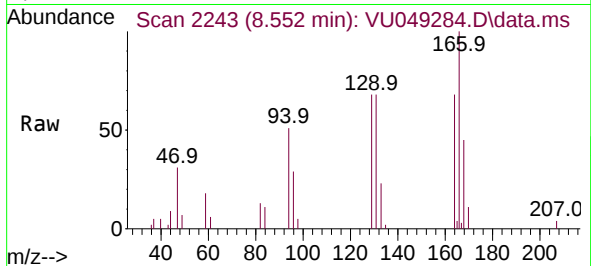




#46
Tetrachloroethene
Concen: 3.211 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049284.D
Acq: 18 Jun 2022 16:24

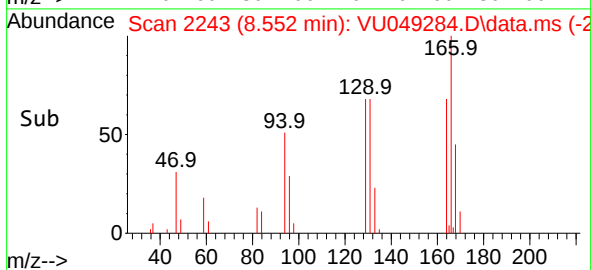
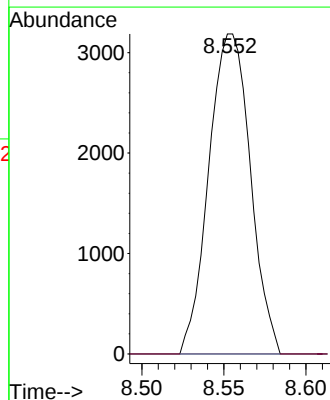
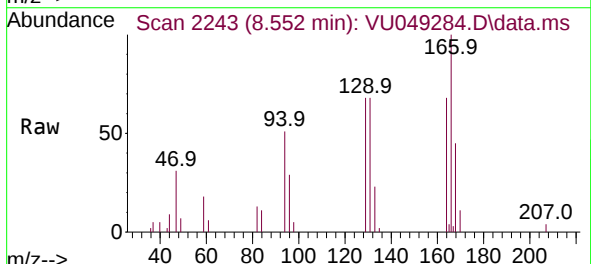
Instrument :
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ClientSampleId :
YB7L5DL

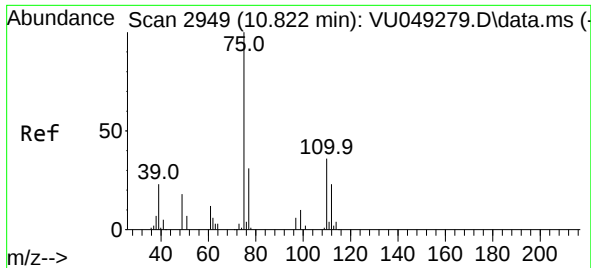
Tgt Ion:	164	Resp:	5482
Ion	Ratio	Lower	Upper
164	100		
129	100.7	70.9	131.7
131	100.8	66.2	123.0
166	147.6	88.1	163.5



#49
Dibromochloromethane
Concen: 2.113 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU049284.D
Acq: 18 Jun 2022 16:24

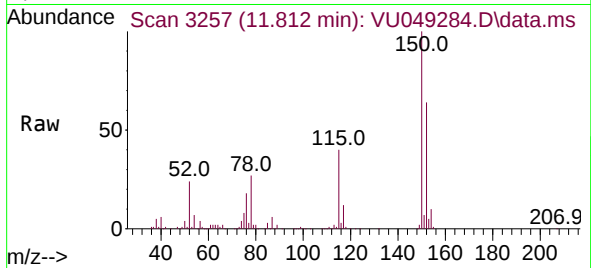
Tgt Ion:	129	Resp:	5615
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#





#60
 1,2,3-Trichloropropane
 Concen: 5.248 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049284.D
 Acq: 18 Jun 2022 16:24

Instrument :
 MSVOA_U
 ClientSampleId :
 YB7L5DL



Tgt Ion:	75	Resp:	16737
Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.6	40.0
110	2.5	30.2	45.4

