

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047646.D
 Acq On : 24 Mar 2022 20:46
 Operator : SY/MD
 Sample : N2081-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X4

Quant Time: Mar 24 23:49:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

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

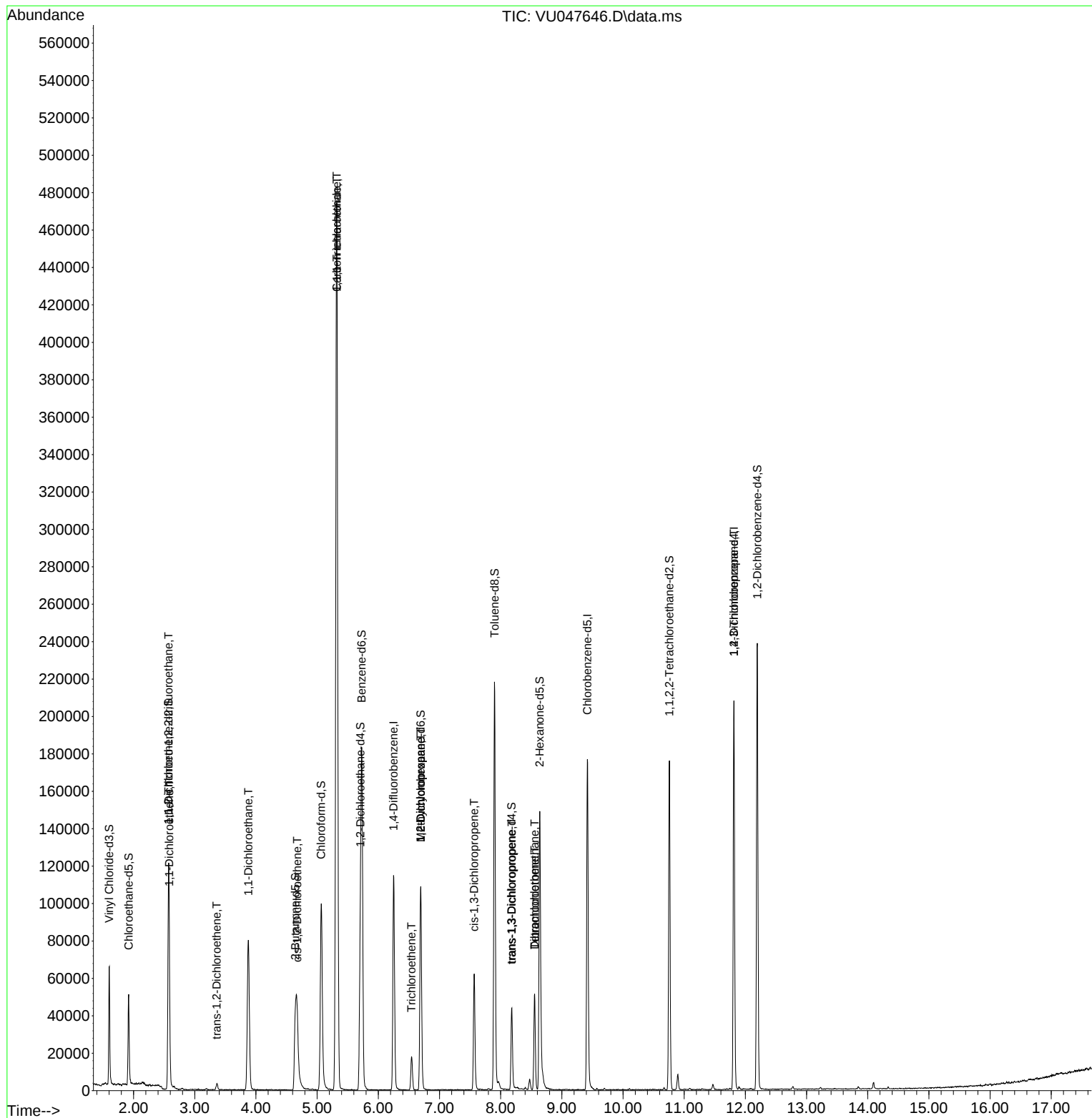
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	100133	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	105581	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59118	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	45208	62.259	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 124.520%			
7) Chloroethane-d5	1.919	69	35399	61.827	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 123.660%			
11) 1,1-Dichloroethene-d2	2.572	63	66973	50.412	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.820%			
21) 2-Butanone-d5	4.645	46	85310	136.879	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 136.880%#			
24) Chloroform-d	5.067	84	84399	63.524	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 127.040%#			
26) 1,2-Dichloroethane-d4	5.706	65	55673	68.321	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 136.640%#			
32) Benzene-d6	5.729	84	169720	63.883	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 127.760%#			
36) 1,2-Dichloropropane-d6	6.694	67	52790	64.702	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 129.400%#			
41) Toluene-d8	7.899	98	150747	58.239	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.480%			
43) trans-1,3-Dichloroprop...	8.179	79	25009	60.503	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 121.000%			
47) 2-Hexanone-d5	8.639	63	54815	114.765	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.760%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85151	60.812	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 121.620%#			
66) 1,2-Dichlorobenzene-d4	12.195	152	66429	63.159	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 126.320%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	637	0.863	ug/L #	18
12) 1,1-Dichloroethene	2.584	96	9764	14.215	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	1126	1.520	ug/L	93
19) 1,1-Dichloroethane	3.877	63	92231	72.184	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	11897	14.648	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	341524	285.274	ug/L	98
31) Carbon tetrachloride	5.321	117	46712	43.210	ug/L	100
34) Trichloroethene	6.542	95	5904	7.369	ug/L	94
35) Methylcyclohexane	6.694	83	12624	10.357	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	5376	6.920	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	1549	1.285	ug/L #	76
44) trans-1,3-Dichloropropene	8.182	75	1206	1.002	ug/L	84
46) Tetrachloroethene	8.555	164	12549	17.429	ug/L	97
49) Dibromochloromethane	8.555	129	11225	11.762	ug/L #	11
60) 1,2,3-Trichloropropane	11.812	75	6300	5.653	ug/L #	64

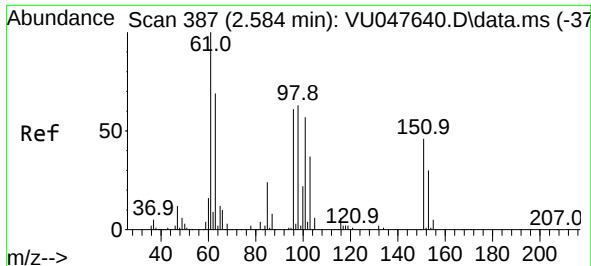
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 24 23:34:42 2022
Response via : Initial Calibration

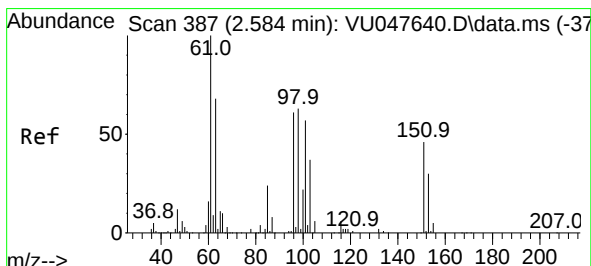
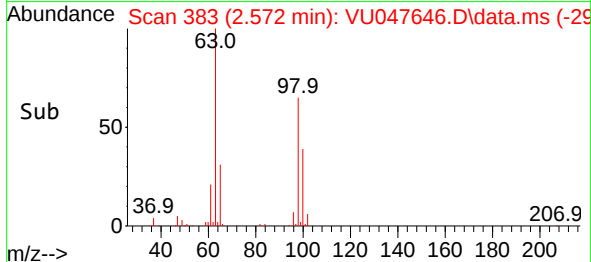
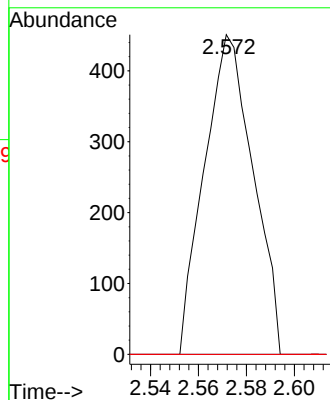
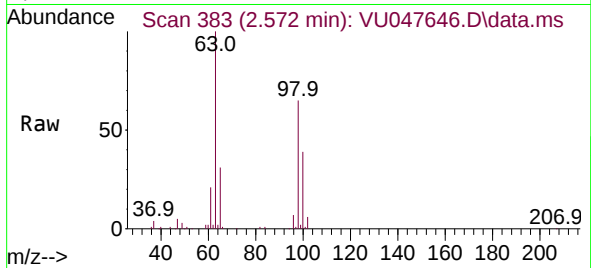




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.863 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU047646.D
 Acq: 24 Mar 2022 20:46

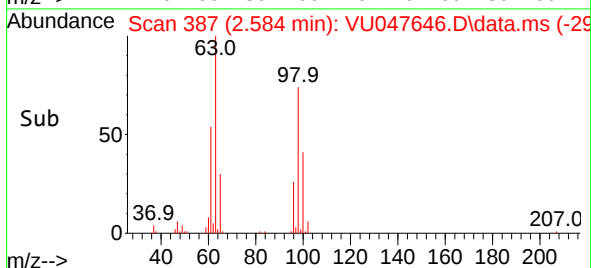
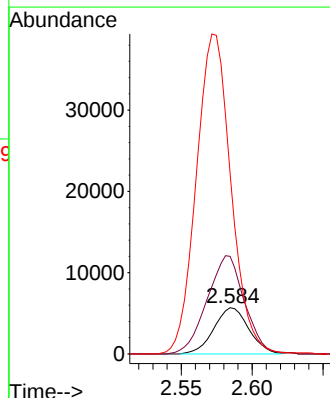
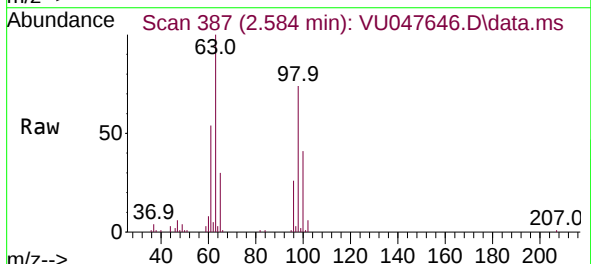
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X4

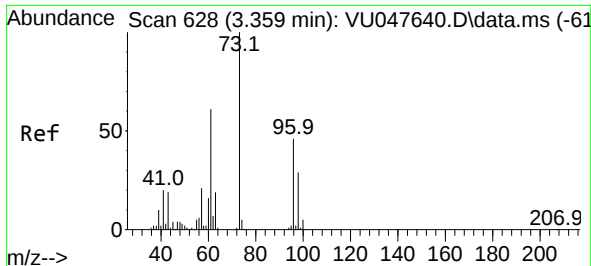
Tgt Ion:101 Resp: 637
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 14.215 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047646.D
 Acq: 24 Mar 2022 20:46

Tgt Ion: 96 Resp: 9764
 Ion Ratio Lower Upper
 96 100
 61 211.4 113.1 210.1#
 63 390.3 94.8 176.0#

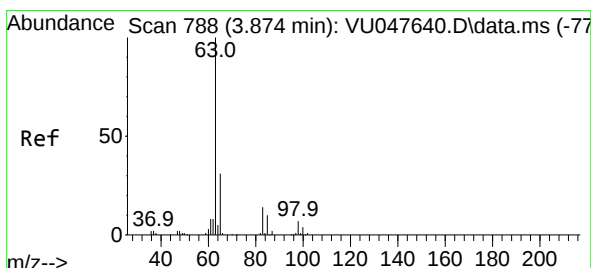
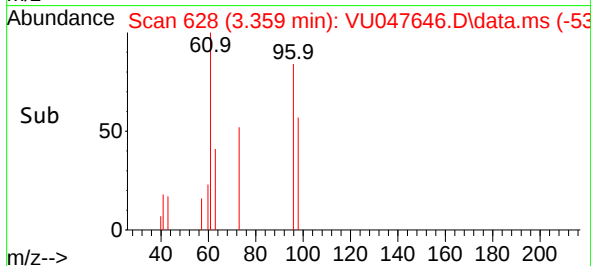
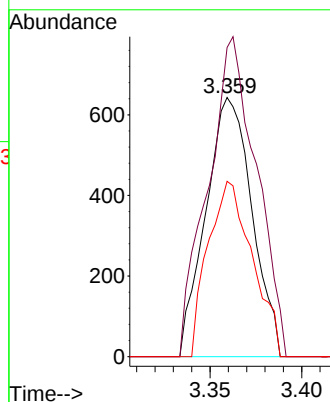
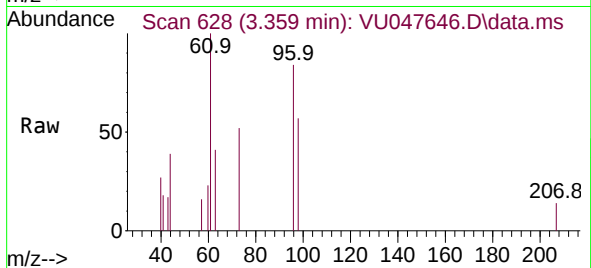




#17
trans-1,2-Dichloroethene
Concen: 1.520 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047646.D
Acq: 24 Mar 2022 20:46

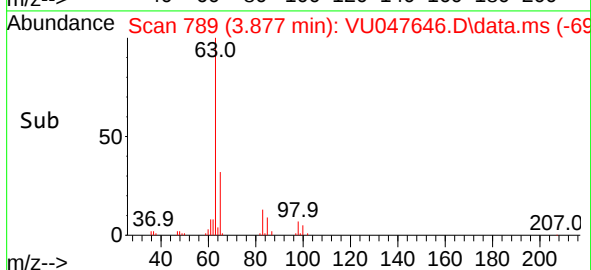
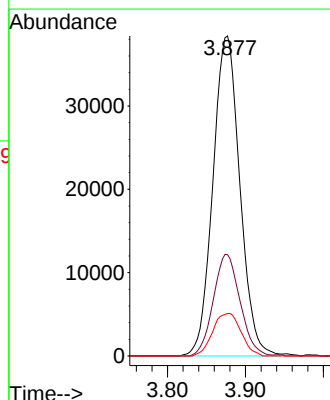
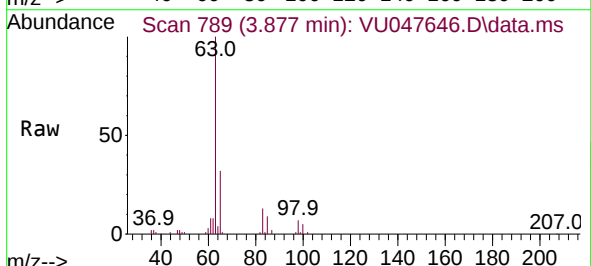
Instrument :
MSVOA_U
ClientSampleId :
EW5X4

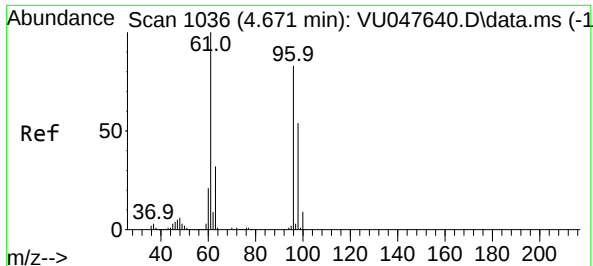
Tgt Ion: 96 Resp: 1126
Ion Ratio Lower Upper
96 100
61 119.3 88.4 164.2
98 67.7 43.3 80.5



#19
1,1-Dichloroethane
Concen: 72.184 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.003 min
Lab File: VU047646.D
Acq: 24 Mar 2022 20:46

Tgt Ion: 63 Resp: 92231
Ion Ratio Lower Upper
63 100
65 31.7 22.0 41.0
83 13.2 9.7 18.1

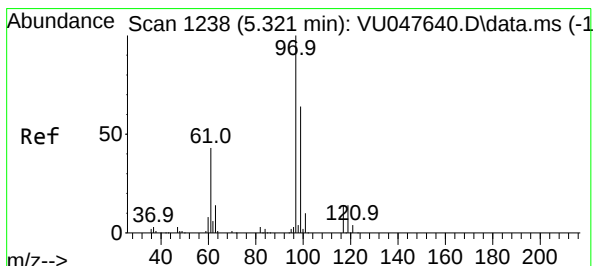
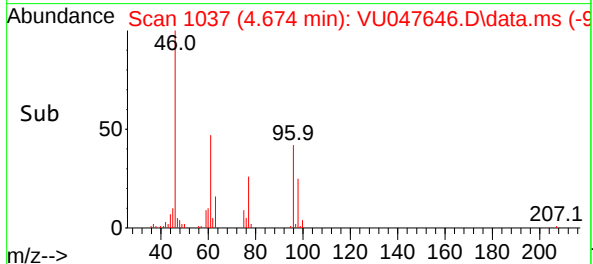
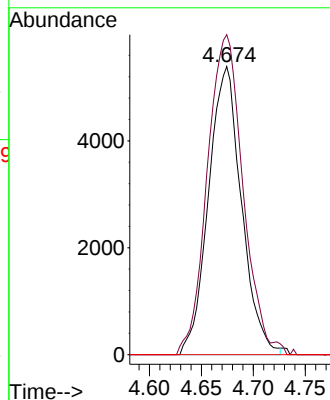
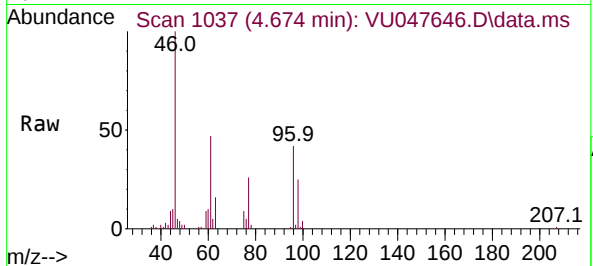




#20
cis-1,2-Dichloroethene
Concen: 14.648 ug/L
RT: 4.674 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU047646.D
Acq: 24 Mar 2022 20:46

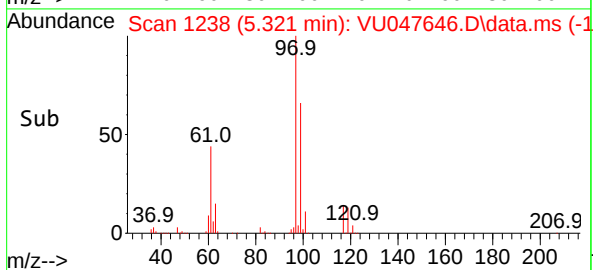
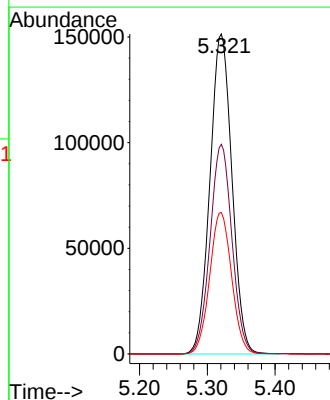
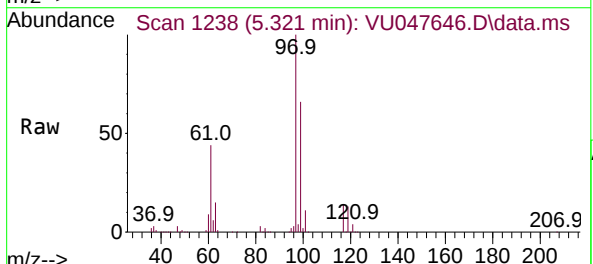
Instrument :
MSVOA_U
ClientSampleId :
EW5X4

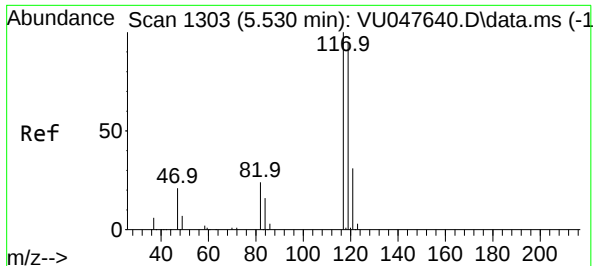
Tgt Ion: 96 Resp: 11897
Ion Ratio Lower Upper
96 100
61 111.1 80.7 149.9
68 0.0 0.0 0.0



#30
1,1,1-Trichloroethane
Concen: 285.274 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047646.D
Acq: 24 Mar 2022 20:46

Tgt Ion: 97 Resp: 341524
Ion Ratio Lower Upper
97 100
99 65.4 51.6 77.4
61 44.1 34.2 51.4

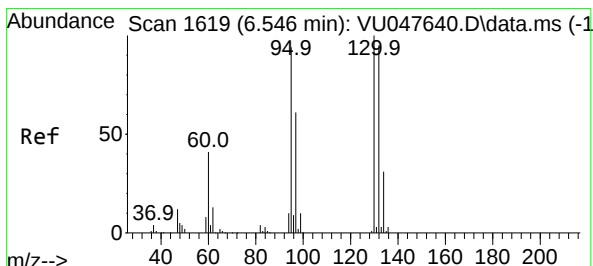
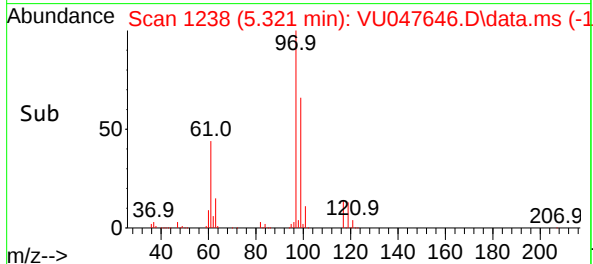
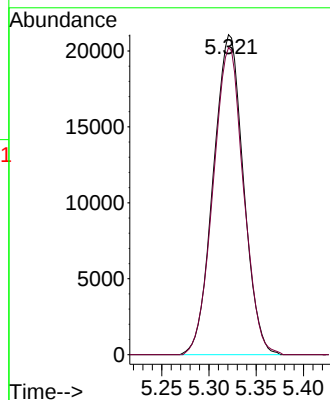
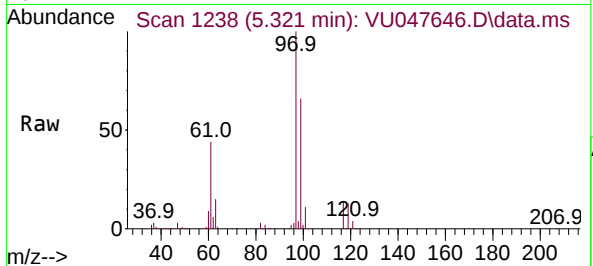




#31
Carbon tetrachloride
Concen: 43.210 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU047646.D
Acq: 24 Mar 2022 20:46

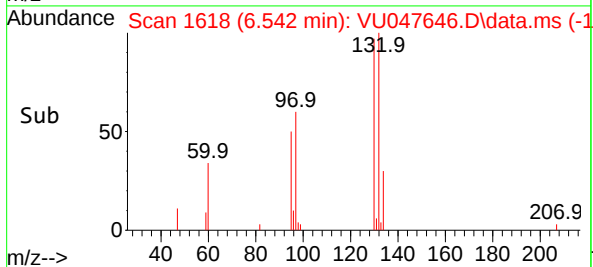
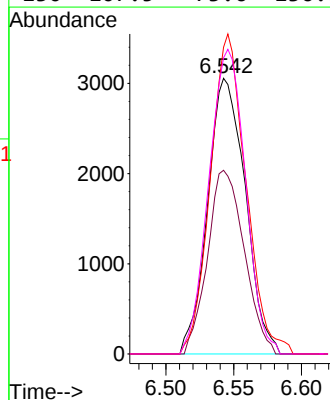
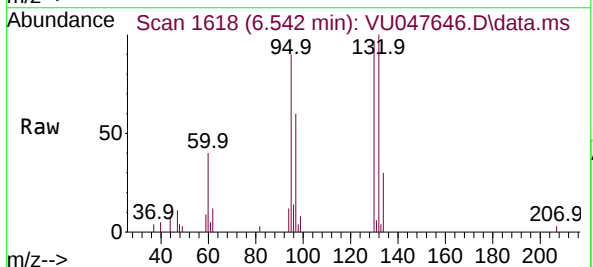
Instrument :
MSVOA_U
ClientSampleId :
EW5X4

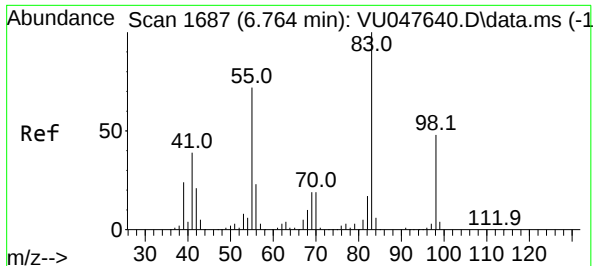
Tgt Ion:117 Resp: 46712
Ion Ratio Lower Upper
117 100
119 96.7 77.2 115.8



#34
Trichloroethene
Concen: 7.369 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047646.D
Acq: 24 Mar 2022 20:46

Tgt Ion: 95 Resp: 5904
Ion Ratio Lower Upper
95 100
97 66.6 44.7 82.9
132 111.3 70.4 130.8
130 107.5 73.6 136.8





#35

Methylcyclohexane

Concen: 10.357 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU047646.D

Acq: 24 Mar 2022 20:46

Instrument :

MSVOA_U

ClientSampleId :

EW5X4

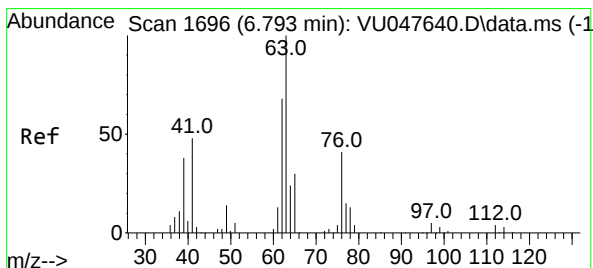
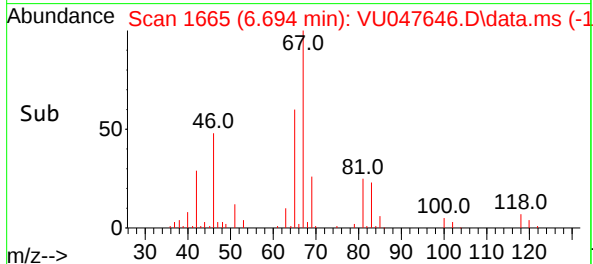
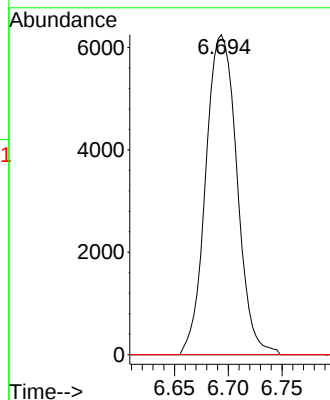
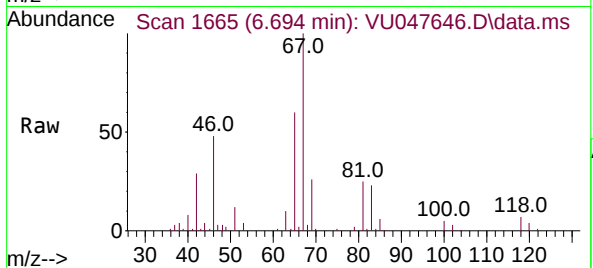
Tgt Ion: 83 Resp: 12624

Ion Ratio Lower Upper

83 100

55 0.0 56.8 85.2#

98 1.3 38.1 57.1#



#37

1,2-Dichloropropane

Concen: 6.920 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU047646.D

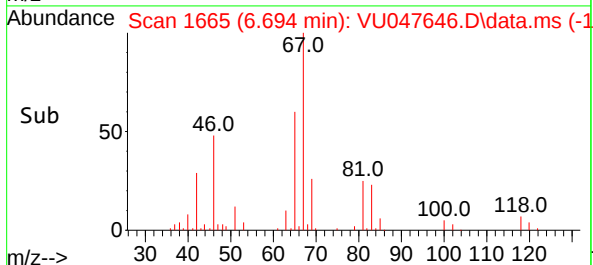
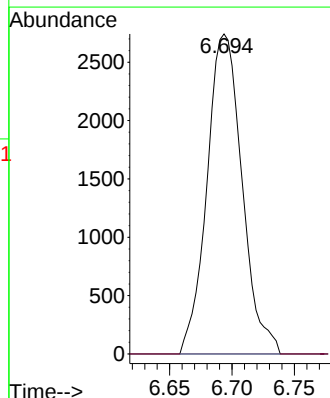
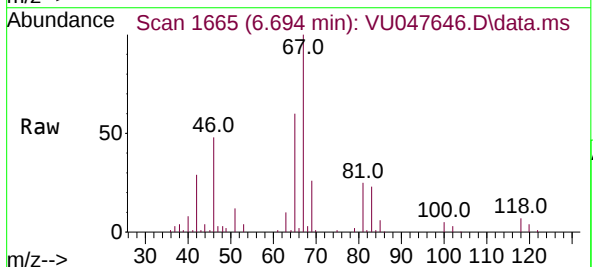
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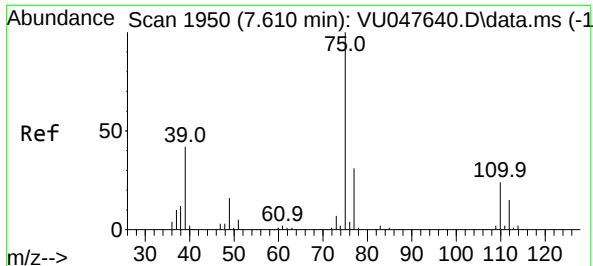
Tgt Ion: 63 Resp: 5376

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 1.285 ug/L

RT: 7.565 min Scan# 19

Delta R.T. -0.045 min

Lab File: VU047646.D

Acq: 24 Mar 2022 20:46

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ClientSampleId :

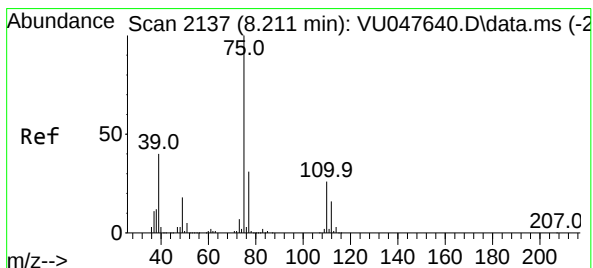
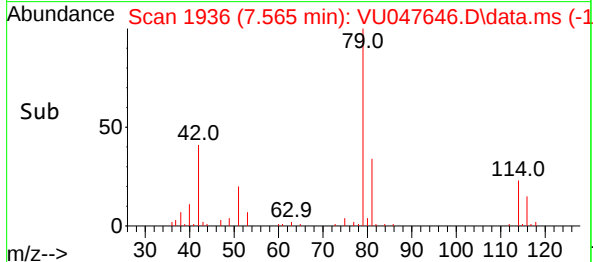
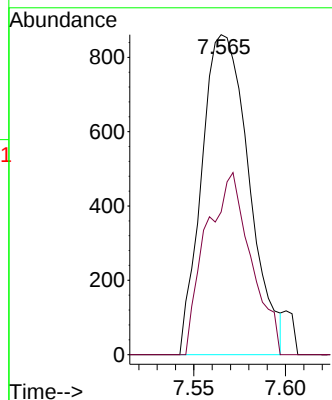
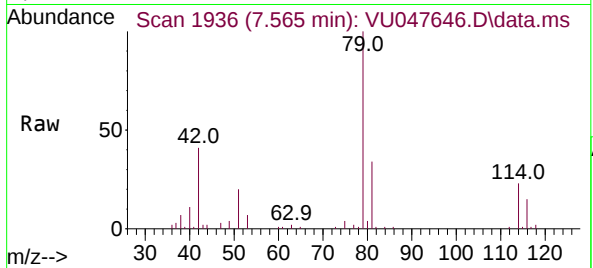
EW5X4

Tgt Ion: 75 Resp: 1549

Ion Ratio Lower Upper

75 100

77 44.6 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 1.002 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU047646.D

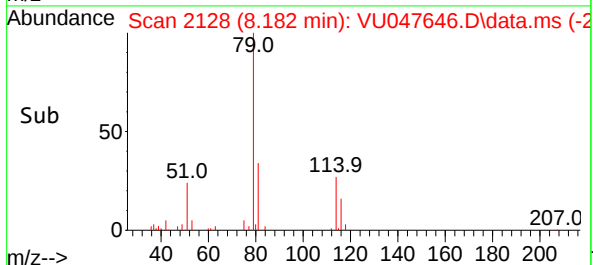
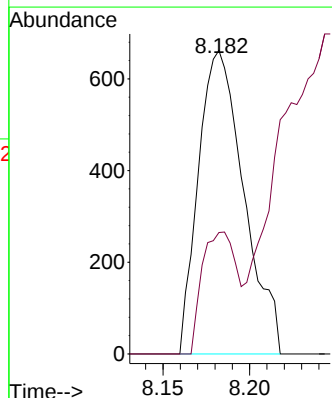
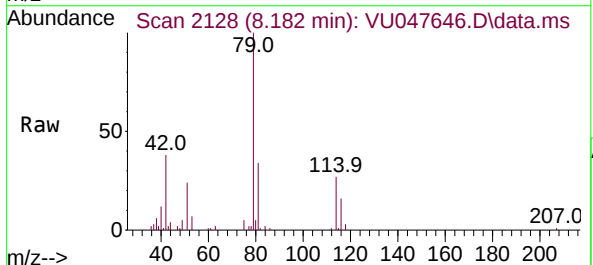
Acq: 24 Mar 2022 20:46

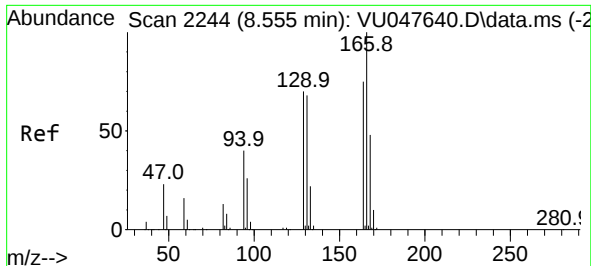
Tgt Ion: 75 Resp: 1206

Ion Ratio Lower Upper

75 100

77 40.0 22.0 40.8

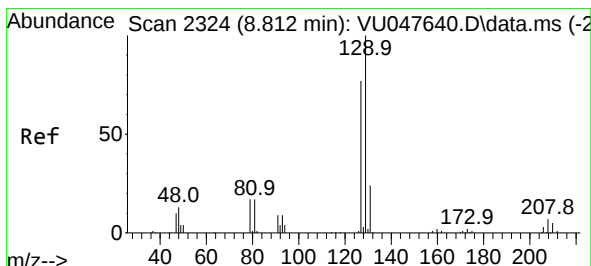
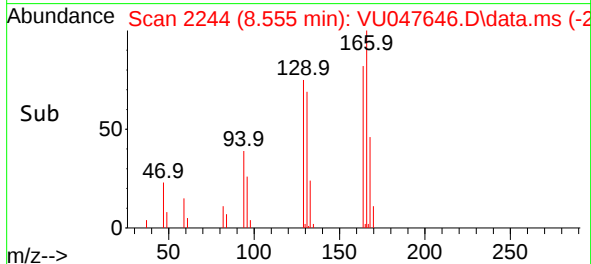
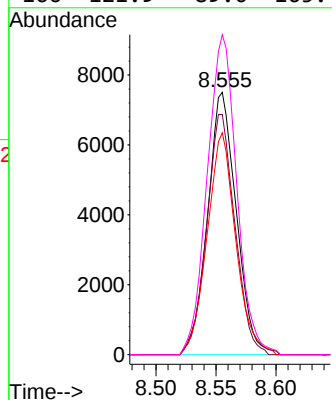
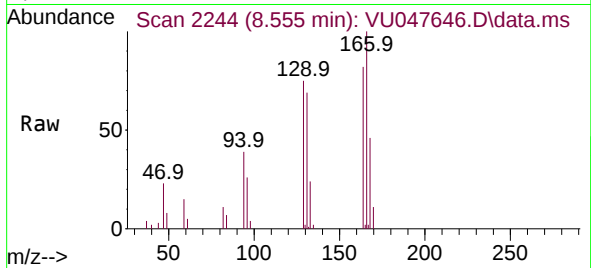




#46
Tetrachloroethene
Concen: 17.429 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047646.D
Acq: 24 Mar 2022 20:46

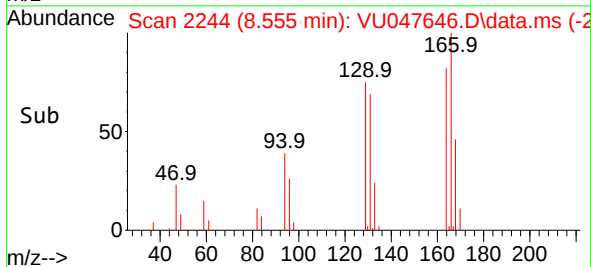
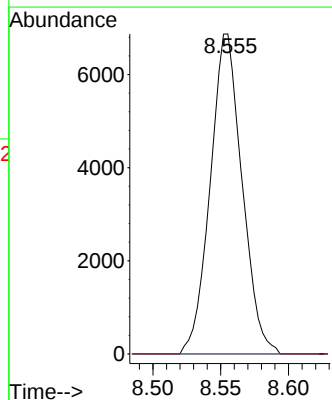
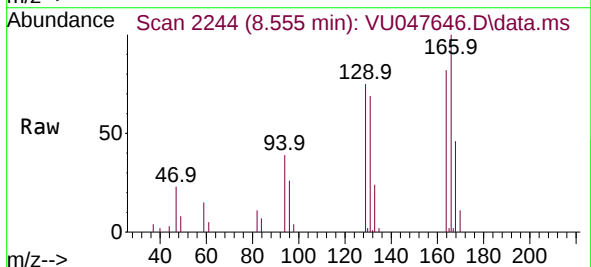
Instrument :
MSVOA_U
ClientSampleId :
EW5X4

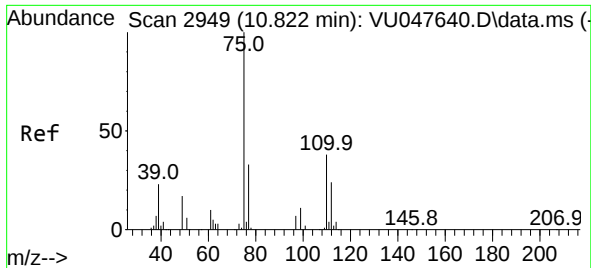
Tgt Ion:	164	Resp:	12549
Ion	Ratio	Lower	Upper
164	100		
129	91.5	62.4	116.0
131	84.6	60.7	112.7
166	121.9	89.0	165.4



#49
Dibromochloromethane
Concen: 11.762 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047646.D
Acq: 24 Mar 2022 20:46

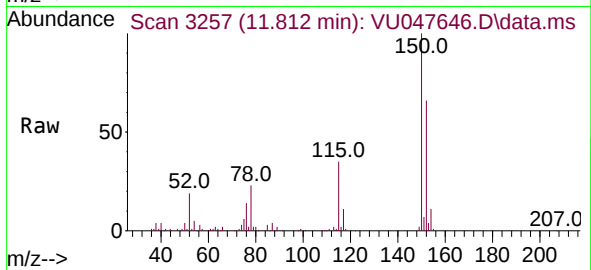
Tgt Ion:	129	Resp:	11225
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.653 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU047646.D
 Acq: 24 Mar 2022 20:46

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X4



Tgt Ion: 75 Resp: 6300
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.0 39.0
 110 0.0 31.4 47.2#

