

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
 Data File : VU050464.D
 Acq On : 26 Aug 2022 18:00
 Operator : SY/MD
 Sample : N4372-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY183

Quant Time: Aug 27 02:49:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 27 02:44:18 2022
 Response via : Initial Calibration

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

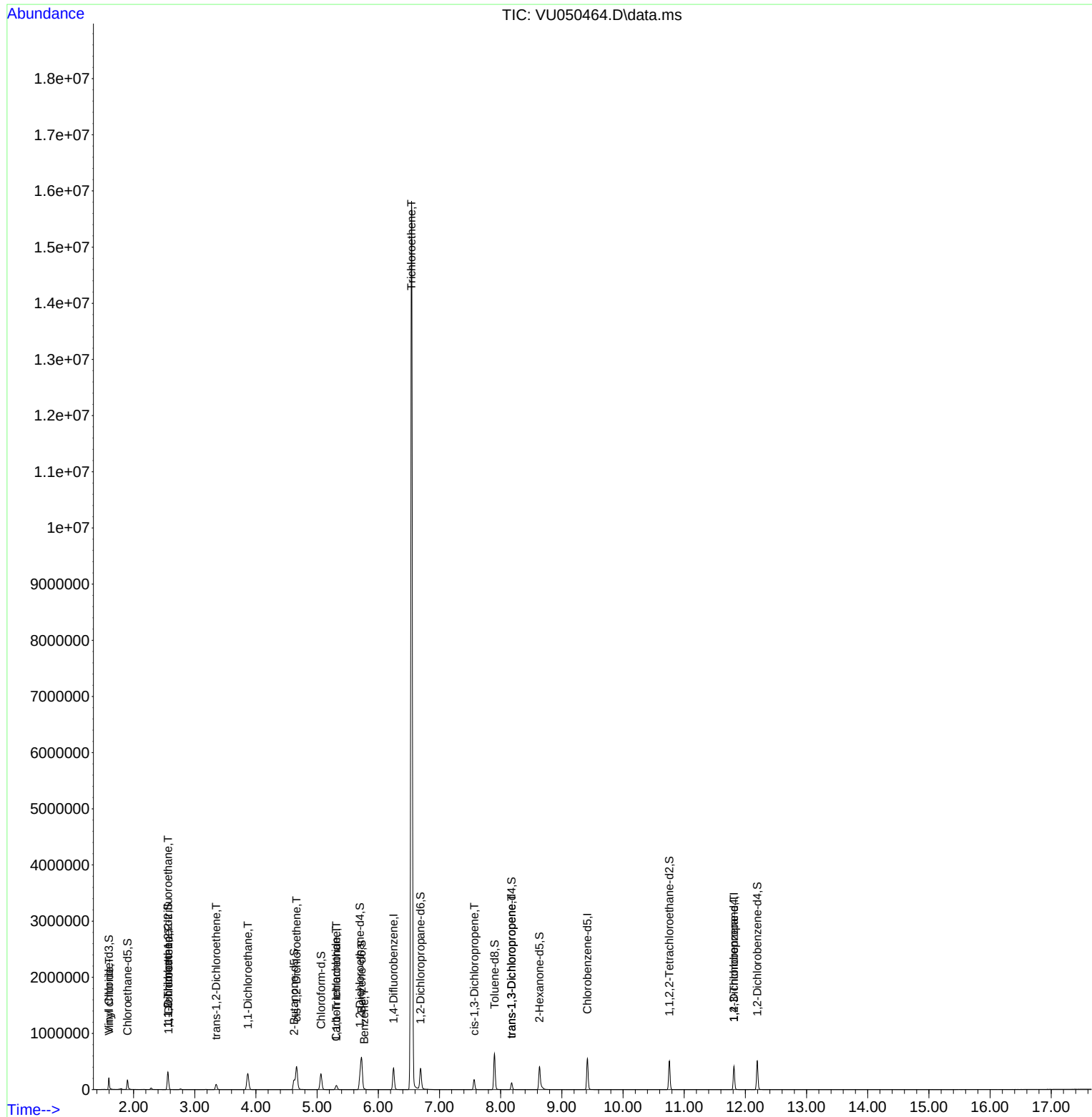
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	313042	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	310994	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	112689	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	158774	42.894	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.780%		
7) Chloroethane-d5	1.900	69	131394	47.973	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.940%		
11) 1,1-Dichloroethene-d2	2.562	63	186019	35.561	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.120%		
21) 2-Butanone-d5	4.623	46	239461	98.837	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.840%		
24) Chloroform-d	5.063	84	266741	44.892	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.780%		
26) 1,2-Dichloroethane-d4	5.700	65	174684	47.303	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.600%		
32) Benzene-d6	5.726	84	539320	46.934	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.860%		
36) 1,2-Dichloropropane-d6	6.690	67	178823	46.975	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.940%		
41) Toluene-d8	7.899	98	437000	43.461	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.920%		
43) trans-1,3-Dichloroprop...	8.179	79	68233	42.970	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.940%		
47) 2-Hexanone-d5	8.632	63	135642	96.016	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.020%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	265343	45.191	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.380%		
66) 1,2-Dichlorobenzene-d4	12.195	152	138669	51.513	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.020%		
Target Compounds						Qvalue
5) Vinyl chloride	1.600	62	1452	0.521	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1745	0.803	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	8350	4.348	ug/L #	1
17) trans-1,2-Dichloroethene	3.350	96	40439	20.032	ug/L	100
19) 1,1-Dichloroethane	3.867	63	330778	75.633	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	209458	86.646	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	52863	14.857	ug/L	98
31) Carbon tetrachloride	5.311	117	7030	2.408	ug/L	95
33) Benzene	5.771	78	5604	0.595	ug/L	100
34) Trichloroethene	6.542	95	5536963	2484.256	ug/L	96
39) cis-1,3-Dichloropropene	7.568	75	4286	1.193	ug/L #	71
44) trans-1,3-Dichloropropene	8.179	75	3032	0.906	ug/L	98
60) 1,2,3-Trichloropropane	11.812	75	13478	4.641	ug/L #	67

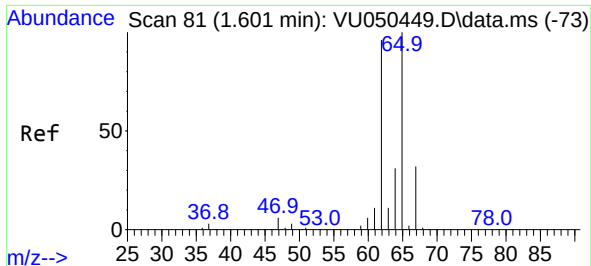
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
Data File : VU050464.D
Acq On : 26 Aug 2022 18:00
Operator : SY/MD
Sample : N4372-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY183

Quant Time: Aug 27 02:49:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 27 02:44:18 2022
Response via : Initial Calibration

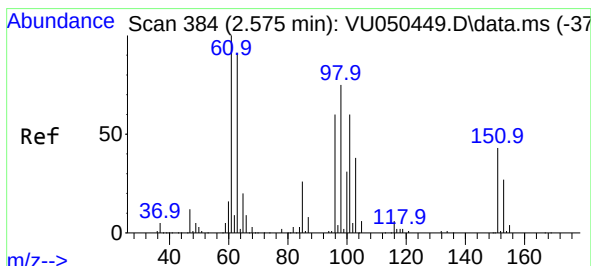
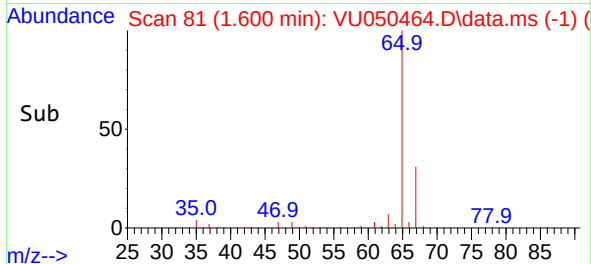
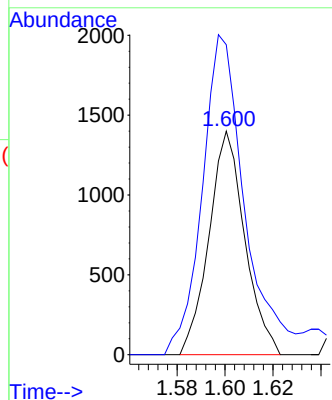
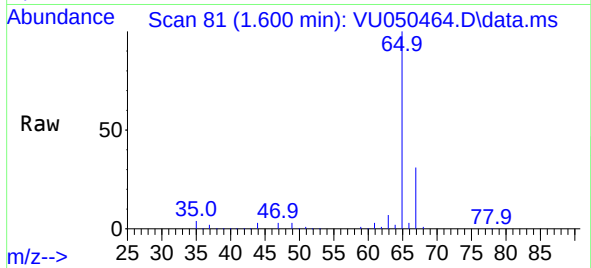




#5
 Vinyl chloride
 Concen: 0.521 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050464.D
 Acq: 26 Aug 2022 18:00

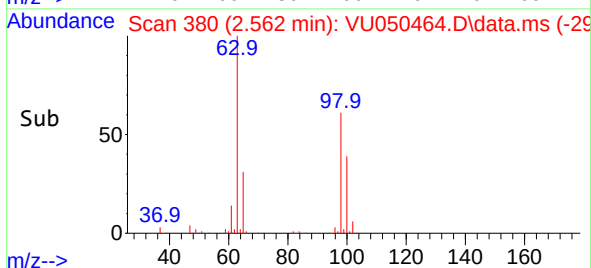
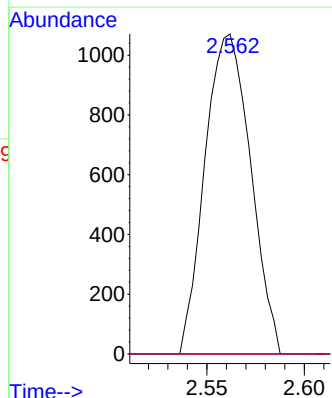
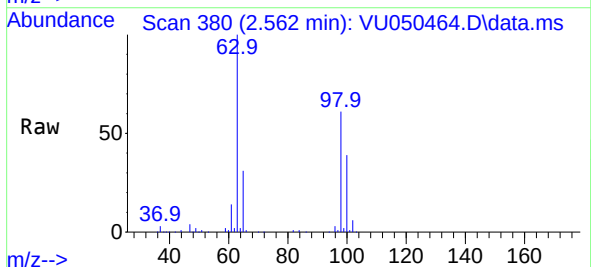
Instrument :
 MSVOA_U
 ClientSampleId :
 EY183

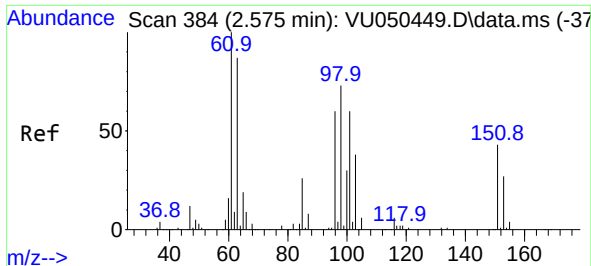
Tgt Ion: 62 Resp: 1452
 Ion Ratio Lower Upper
 62 100
 64 138.6 23.1 42.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.803 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.013 min
 Lab File: VU050464.D
 Acq: 26 Aug 2022 18:00

Tgt Ion: 101 Resp: 1745
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 57.3 85.9#

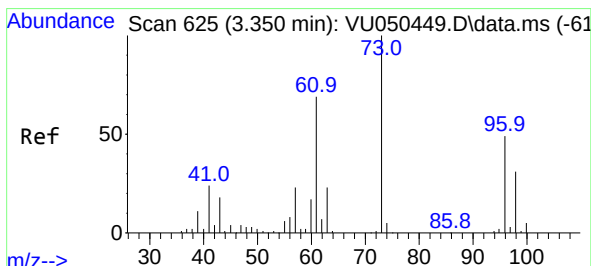
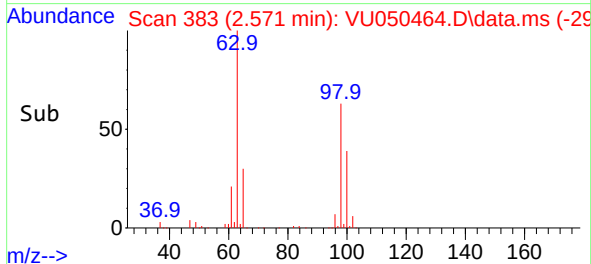
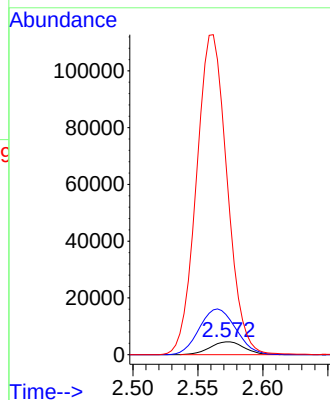
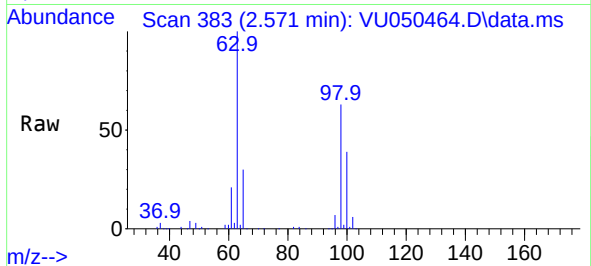




#12
1,1-Dichloroethene
Concen: 4.348 ug/L
RT: 2.571 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU050464.D
Acq: 26 Aug 2022 18:00

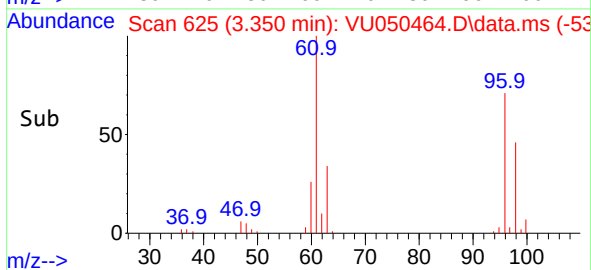
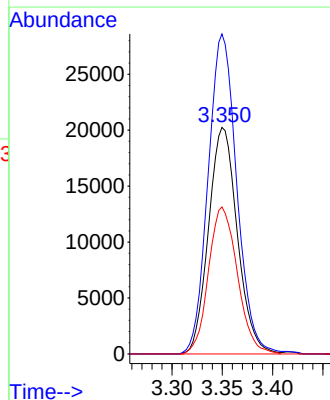
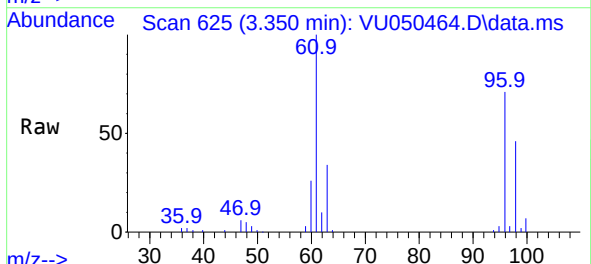
Instrument :
MSVOA_U
ClientSampleId :
EY183

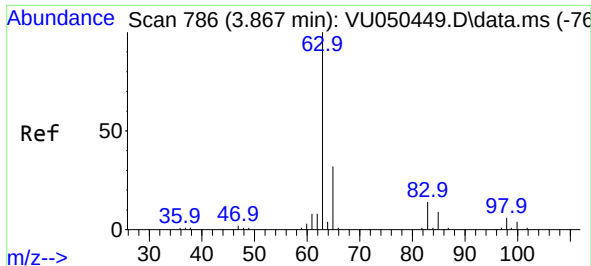
Tgt Ion: 96 Resp: 8350
Ion Ratio Lower Upper
96 100
61 314.2 116.8 216.8#
63 1509.5 97.4 180.8#



#17
trans-1,2-Dichloroethene
Concen: 20.032 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU050464.D
Acq: 26 Aug 2022 18:00

Tgt Ion: 96 Resp: 40439
Ion Ratio Lower Upper
96 100
61 141.2 98.5 182.9
98 64.8 45.7 84.9

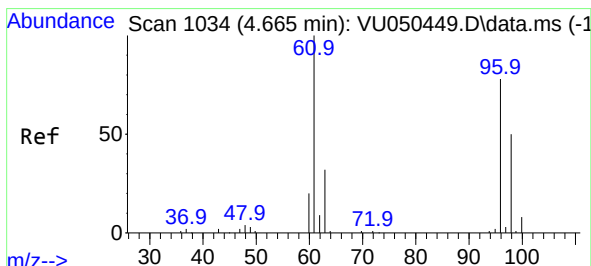
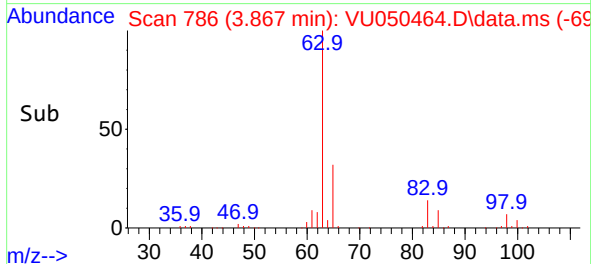
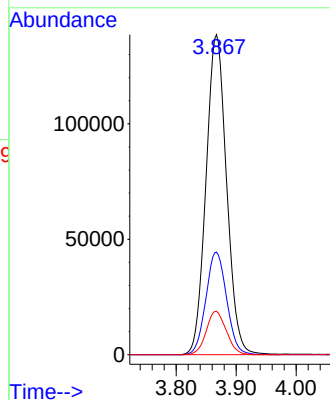
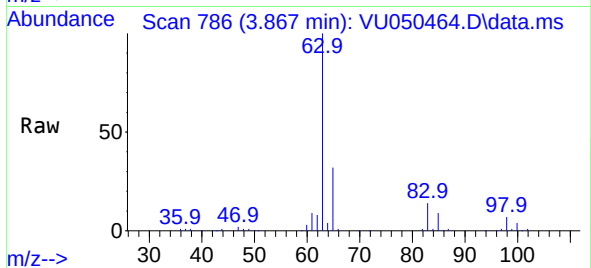




#19
1,1-Dichloroethane
Concen: 75.633 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU050464.D
Acq: 26 Aug 2022 18:00

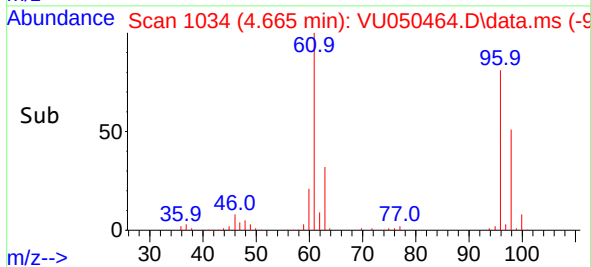
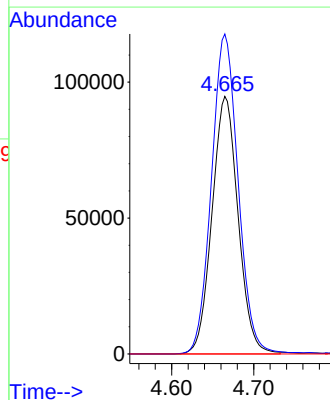
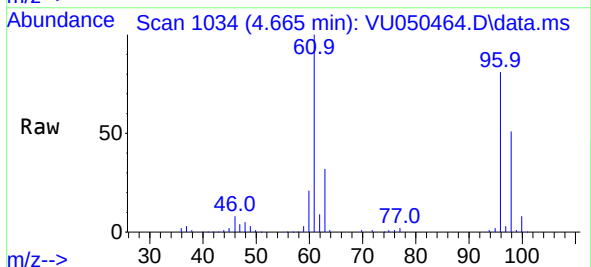
Instrument :
MSVOA_U
ClientSampleId :
EY183

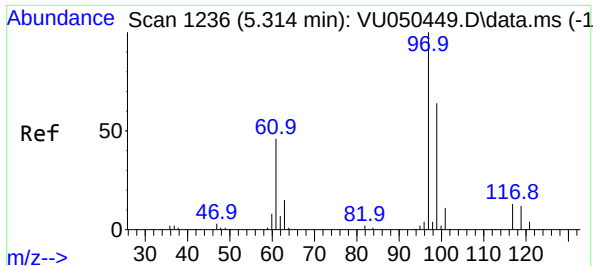
Tgt Ion: 63 Resp: 330778
Ion Ratio Lower Upper
63 100
65 32.1 23.3 43.3
83 13.6 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 86.646 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU050464.D
Acq: 26 Aug 2022 18:00

Tgt Ion: 96 Resp: 209458
Ion Ratio Lower Upper
96 100
61 124.2 88.1 163.5
68 0.0 0.0 0.0

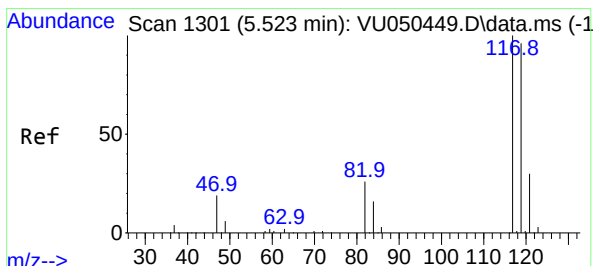
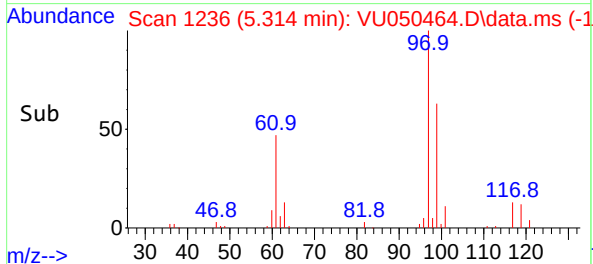
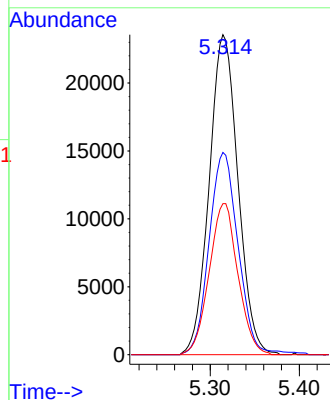
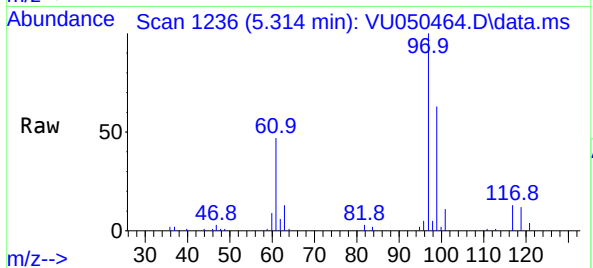




#30
1,1,1-Trichloroethane
Concen: 14.857 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU050464.D
Acq: 26 Aug 2022 18:00

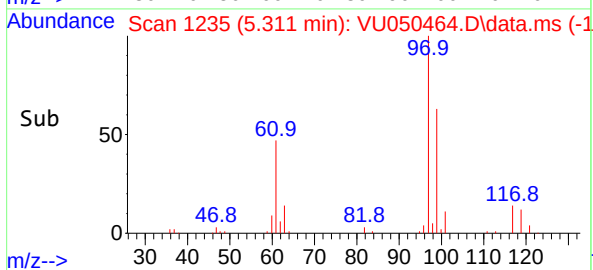
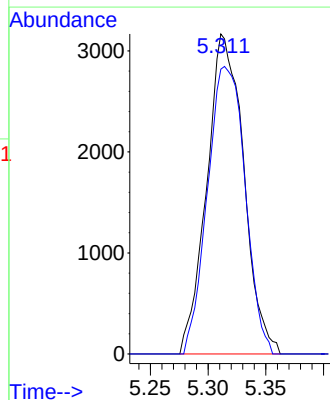
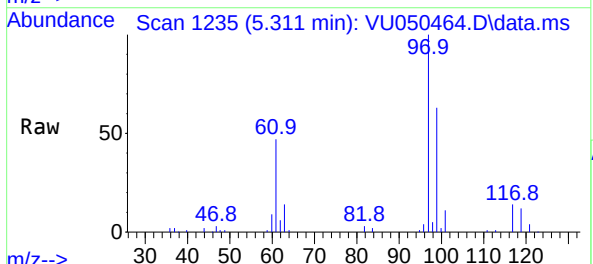
Instrument :
MSVOA_U
ClientSampleId :
EY183

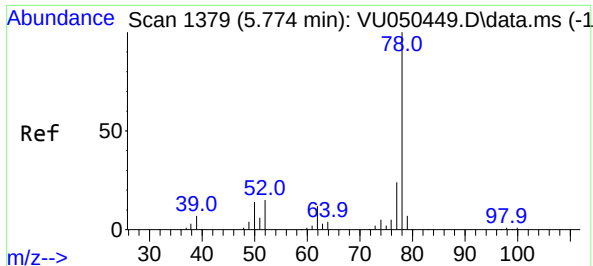
Tgt Ion:	97	Resp:	52863
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.2	76.8
61	47.3	36.6	55.0



#31
Carbon tetrachloride
Concen: 2.408 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.212 min
Lab File: VU050464.D
Acq: 26 Aug 2022 18:00

Tgt Ion:	117	Resp:	7030
Ion	Ratio	Lower	Upper
117	100		
119	91.6	76.9	115.3

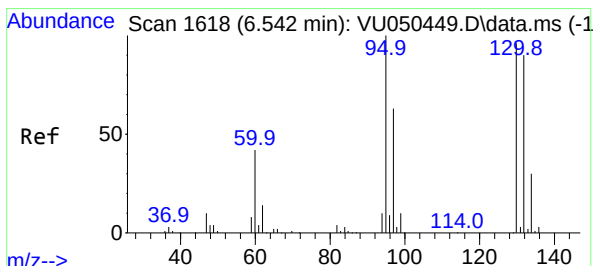
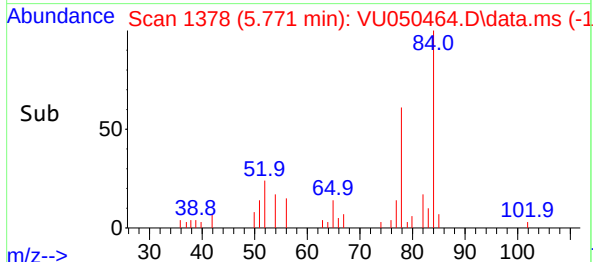
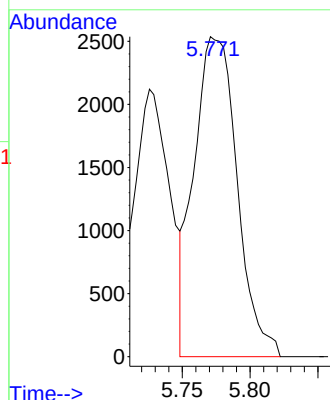
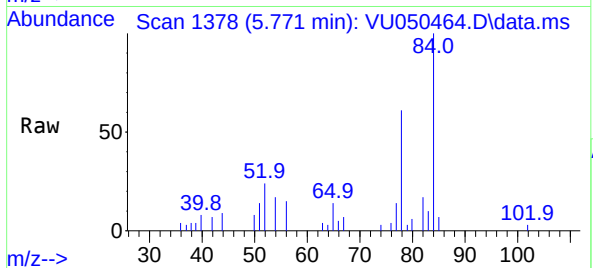




#33
Benzene
Concen: 0.595 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050464.D
Acq: 26 Aug 2022 18:00

Instrument :
MSVOA_U
ClientSampleId :
EY183

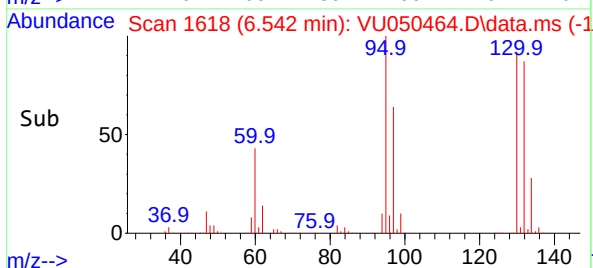
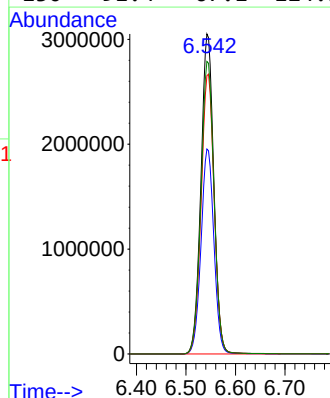
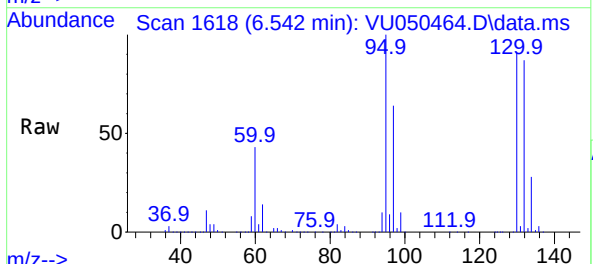
Tgt Ion: 78 Resp: 5604

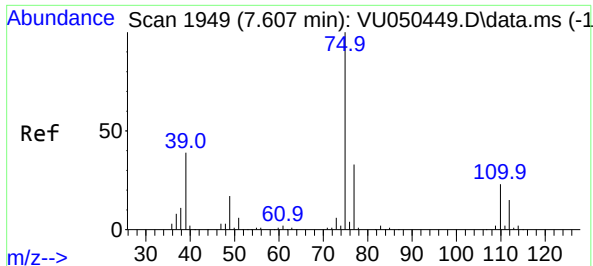


#34
Trichloroethene
Concen: 2484.256 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050464.D
Acq: 26 Aug 2022 18:00

Tgt Ion: 95 Resp: 5536963

Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.2	84.0
132	87.0	64.4	119.6
130	91.4	67.1	124.5





#39

cis-1,3-Dichloropropene

Concen: 1.193 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU050464.D

Acq: 26 Aug 2022 18:00

Instrument :

MSVOA_U

ClientSampleId :

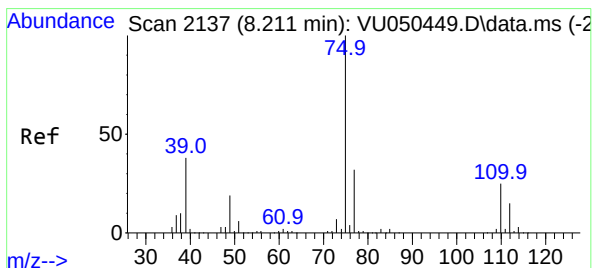
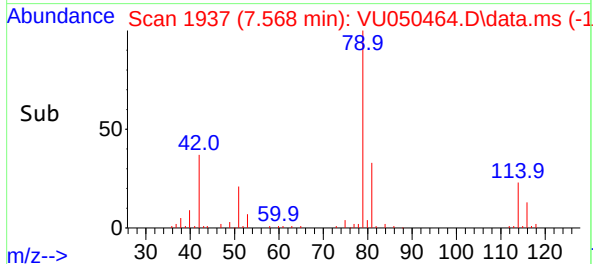
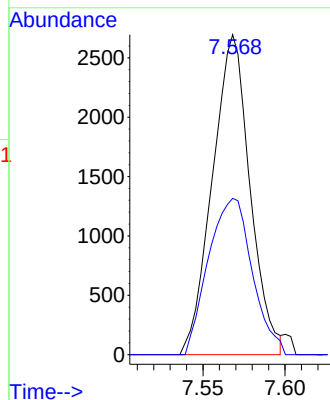
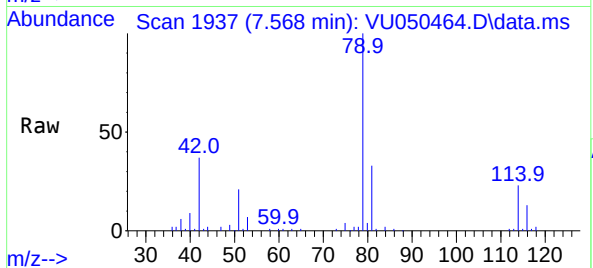
EY183

Tgt Ion: 75 Resp: 4286

Ion Ratio Lower Upper

75 100

77 48.8 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.906 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU050464.D

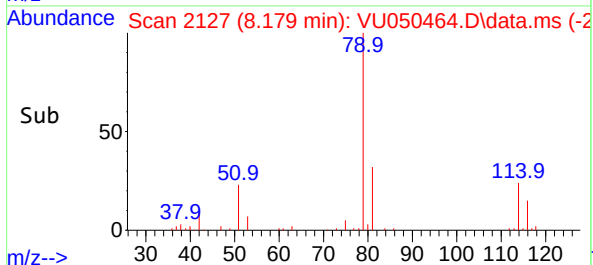
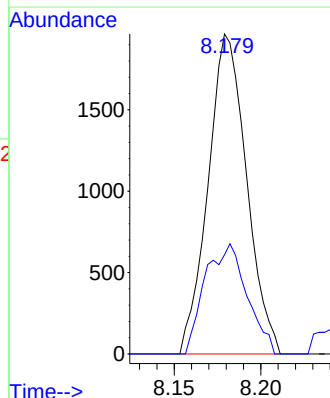
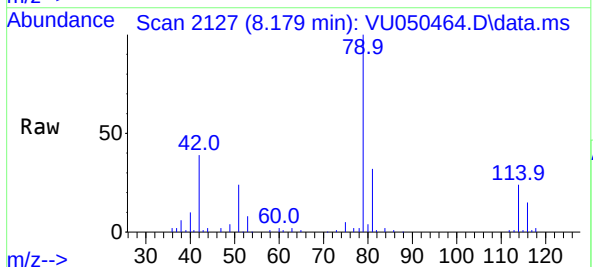
Acq: 26 Aug 2022 18:00

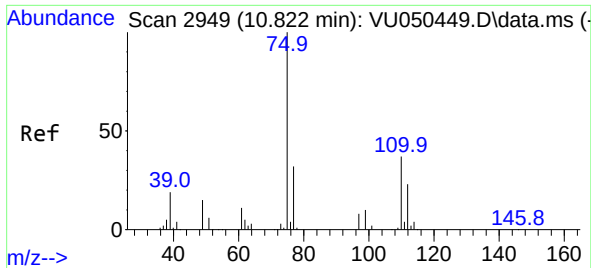
Tgt Ion: 75 Resp: 3032

Ion Ratio Lower Upper

75 100

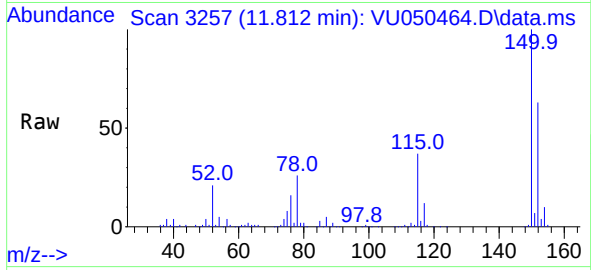
77 31.0 22.5 41.7





#60
1,2,3-Trichloropropane
Concen: 4.641 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU050464.D
Acq: 26 Aug 2022 18:00

Instrument :
MSVOA_U
ClientSampleId :
EY183



Tgt Ion: 75 Resp: 13478
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5
110 0.0 29.0 43.4#

