

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
 Data File : VU051984.D
 Acq On : 20 Nov 2022 19:32
 Operator : JC/MD
 Sample : N5710-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY8

Quant Time: Nov 21 01:03:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 18 00:53:49 2022
 Response via : Initial Calibration

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

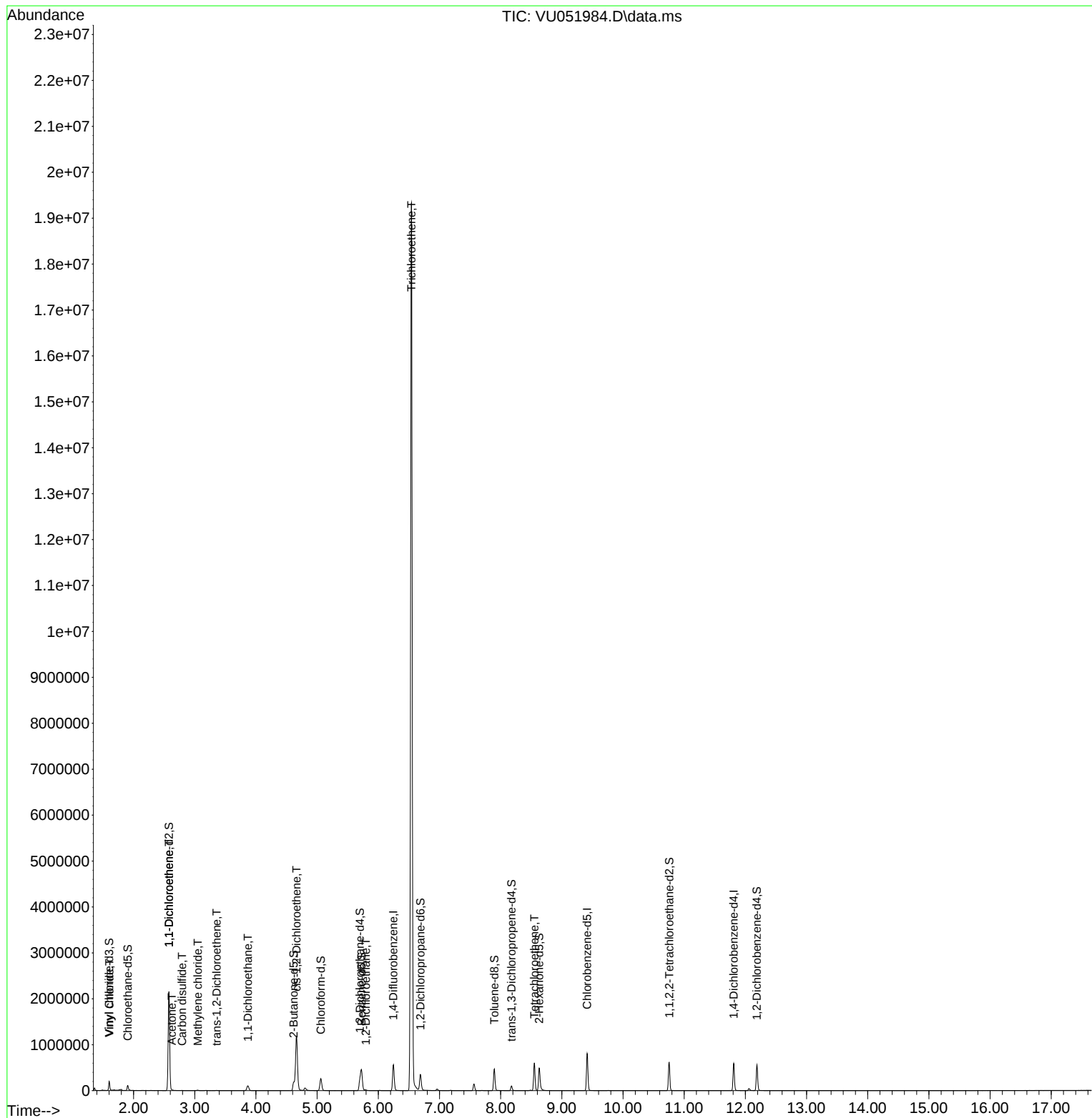
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	468019	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	457956	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	166891	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	81774	35.590	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.180%		
7) Chloroethane-d5	1.903	69	95261	41.381	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.760%		
11) 1,1-Dichloroethene-d2	2.578	63	482174	117.026	ug/L	0.01
Spiked Amount 50.000	Range 60 - 125		Recovery =	234.060%#		
21) 2-Butanone-d5	4.617	46	253686	97.098	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.100%		
24) Chloroform-d	5.060	84	249342	43.291	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.580%		
26) 1,2-Dichloroethane-d4	5.700	65	159909	45.354	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.700%		
32) Benzene-d6	5.726	84	442792	46.372	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.740%		
36) 1,2-Dichloropropane-d6	6.687	67	176219	49.580	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.160%		
41) Toluene-d8	7.896	98	327676	41.809	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.620%		
43) trans-1,3-Dichloroprop...	8.176	79	57988	40.961	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.920%		
47) 2-Hexanone-d5	8.629	63	167164	92.542	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.540%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	321331	46.452	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.900%		
66) 1,2-Dichlorobenzene-d4	12.189	152	155350	52.894	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.780%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	47450	11.988	ug/L	87
12) 1,1-Dichloroethene	2.578	96	742416	266.181	ug/L #	83
13) Acetone	2.626	43	8519	3.048	ug/L	99
14) Carbon disulfide	2.793	76	3694	0.478	ug/L	98
16) Methylene chloride	3.047	84	6082	1.366	ug/L	95
17) trans-1,2-Dichloroethene	3.359	96	1846	0.614	ug/L	89
19) 1,1-Dichloroethane	3.867	63	124909	20.418	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	643124	183.337	ug/L	100
27) 1,2-Dichloroethane	5.797	62	10855	2.301	ug/L	99
34) Trichloroethene	6.539	95	6886452	2206.597	ug/L	96
46) Tetrachloroethene	8.552	164	138954	55.752	ug/L	97

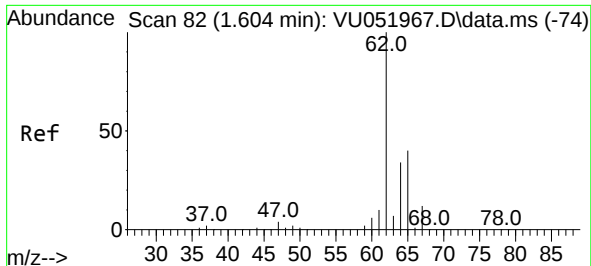
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
Data File : VU051984.D
Acq On : 20 Nov 2022 19:32
Operator : JC/MD
Sample : N5710-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0KY8

Quant Time: Nov 21 01:03:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 18 00:53:49 2022
Response via : Initial Calibration

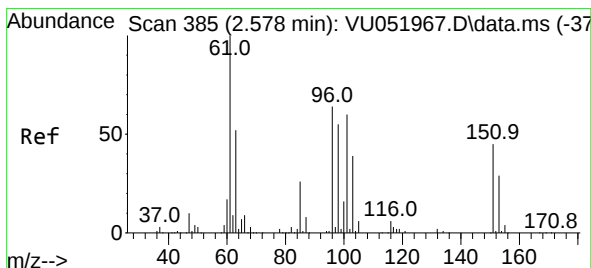
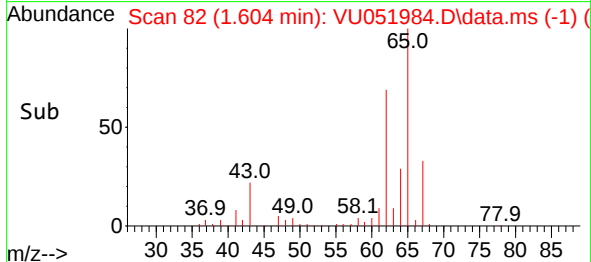
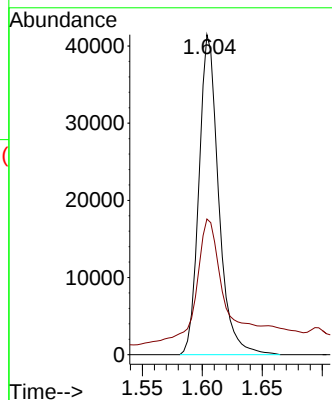
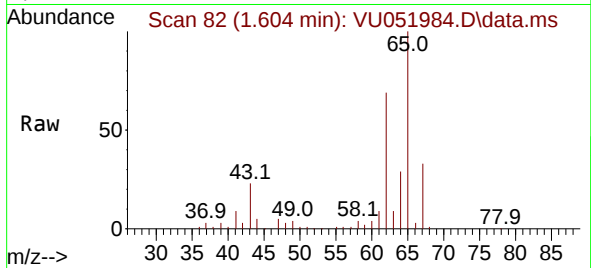




#5
 Vinyl chloride
 Concen: 11.988 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051984.D
 Acq: 20 Nov 2022 19:32

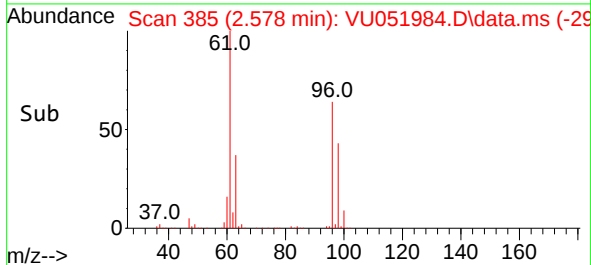
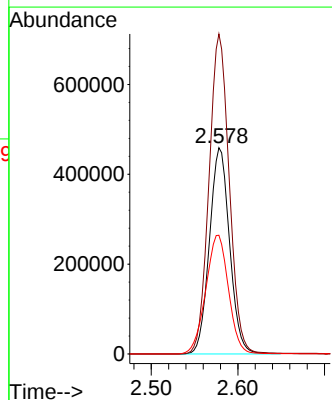
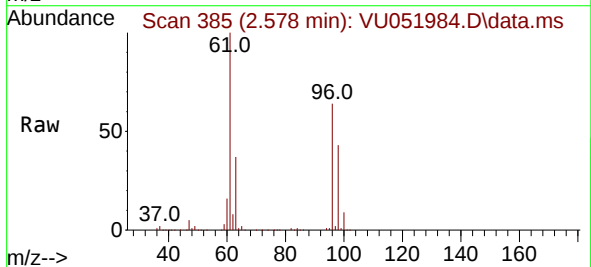
Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY8

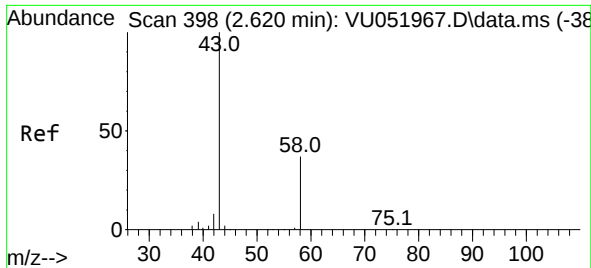
Tgt Ion: 62 Resp: 47450
 Ion Ratio Lower Upper
 62 100
 64 42.4 24.3 45.1



#12
 1,1-Dichloroethene
 Concen: 266.181 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU051984.D
 Acq: 20 Nov 2022 19:32

Tgt Ion: 96 Resp: 742416
 Ion Ratio Lower Upper
 96 100
 61 155.2 110.7 205.5
 63 57.6 68.6 127.4





#13

Acetone

Concen: 3.048 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU051984.D

Acq: 20 Nov 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

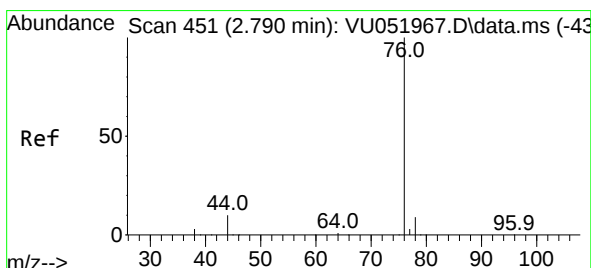
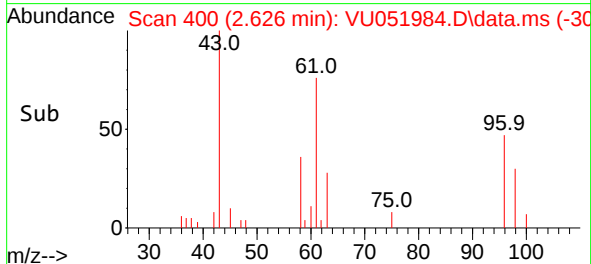
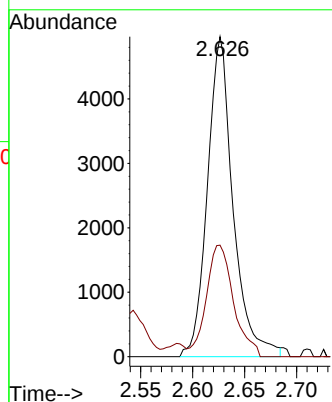
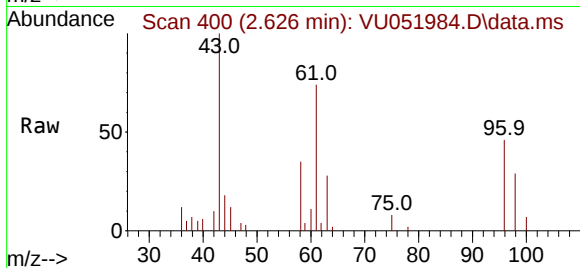
C0KY8

Tgt Ion: 43 Resp: 8519

Ion Ratio Lower Upper

43 100

58 37.0 0.0 75.4



#14

Carbon disulfide

Concen: 0.478 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU051984.D

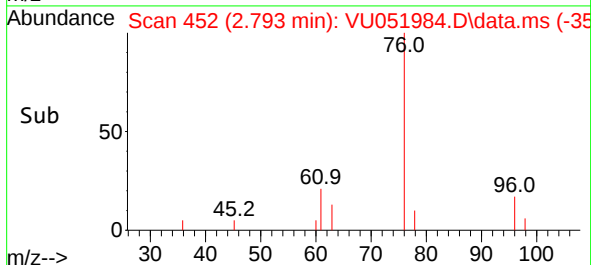
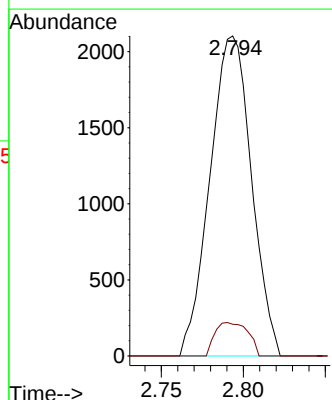
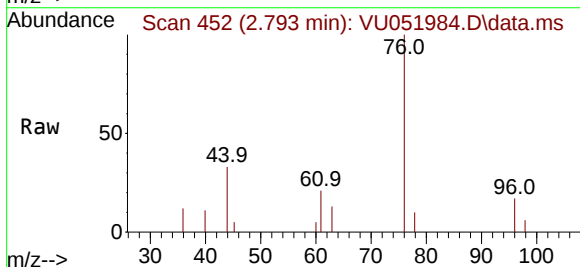
Acq: 20 Nov 2022 19:32

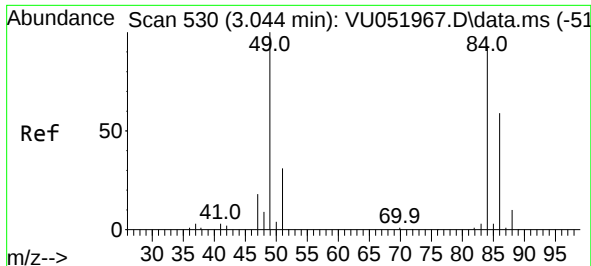
Tgt Ion: 76 Resp: 3694

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0

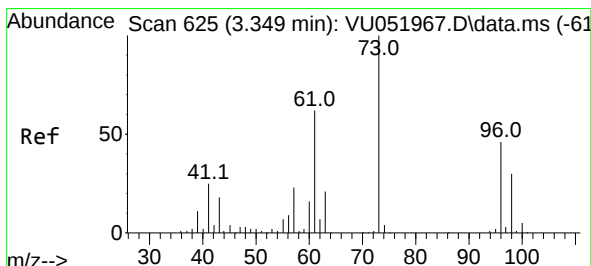
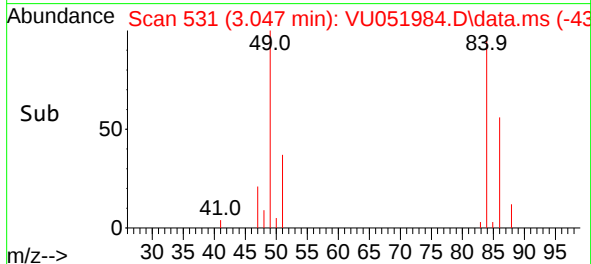
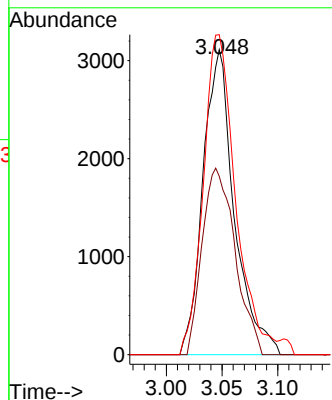
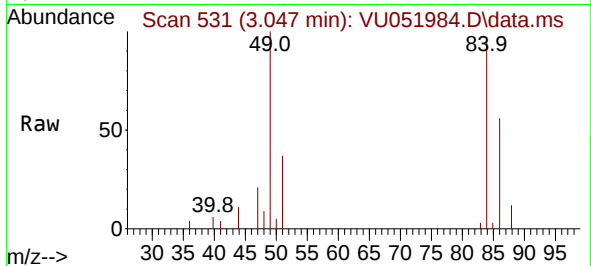




#16
Methylene chloride
Concen: 1.366 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU051984.D
Acq: 20 Nov 2022 19:32

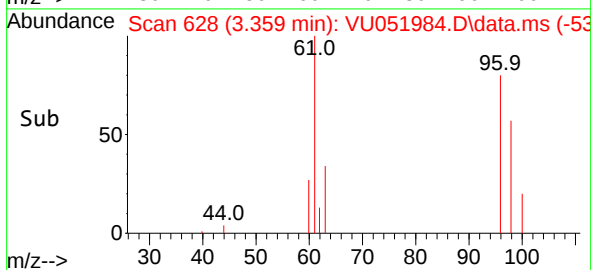
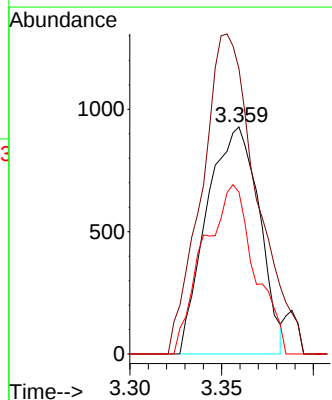
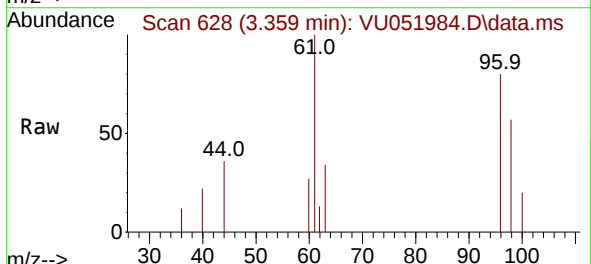
Instrument :
MSVOA_U
ClientSampleId :
C0KY8

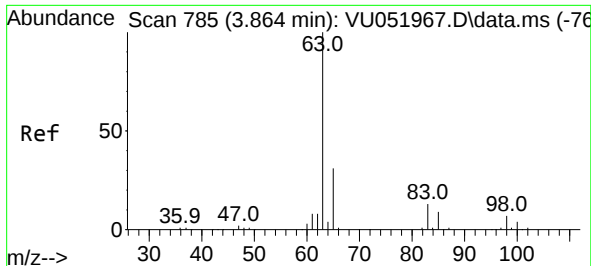
Tgt Ion: 84 Resp: 6082
Ion Ratio Lower Upper
84 100
86 58.5 44.7 82.9
49 104.9 76.5 142.1



#17
trans-1,2-Dichloroethene
Concen: 0.614 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.010 min
Lab File: VU051984.D
Acq: 20 Nov 2022 19:32

Tgt Ion: 96 Resp: 1846
Ion Ratio Lower Upper
96 100
61 125.8 98.3 182.7
98 71.3 45.5 84.5





#19

1,1-Dichloroethane

Concen: 20.418 ug/L

RT: 3.867 min Scan# 785

Delta R.T. 0.003 min

Lab File: VU051984.D

Acq: 20 Nov 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

C0KY8

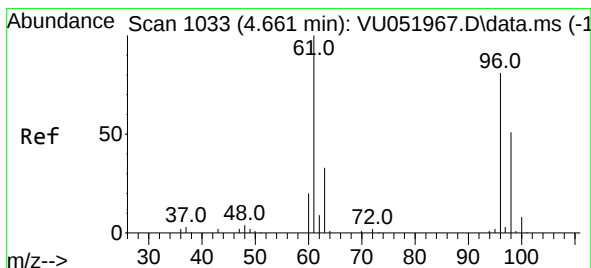
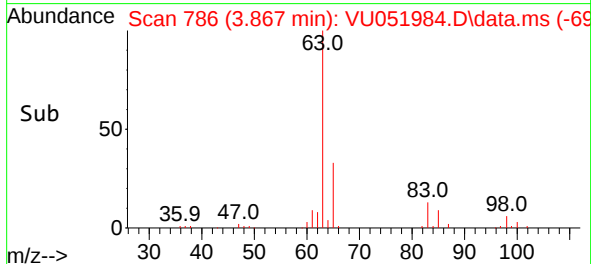
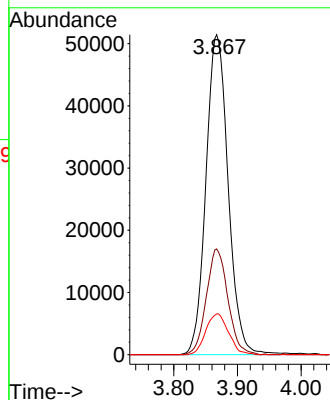
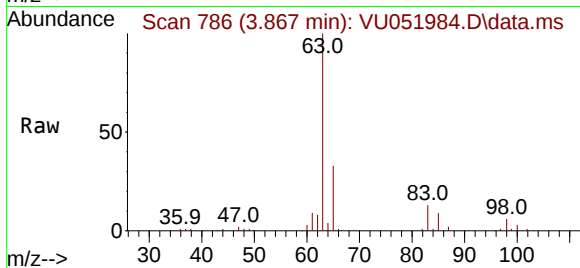
Tgt Ion: 63 Resp: 124909

Ion Ratio Lower Upper

63 100

65 33.0 22.2 41.2

83 12.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 183.337 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051984.D

Acq: 20 Nov 2022 19:32

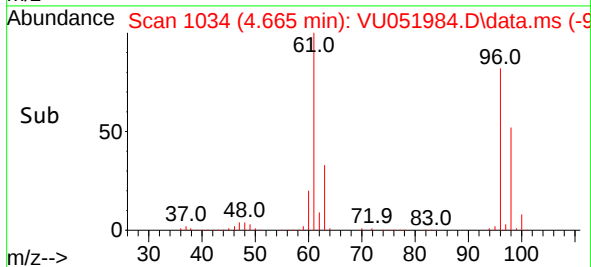
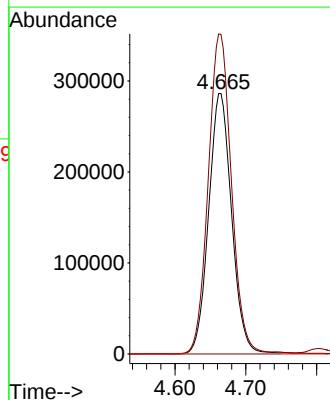
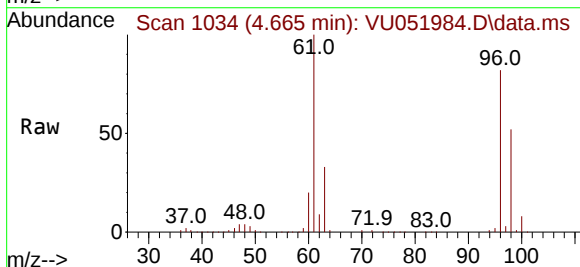
Tgt Ion: 96 Resp: 643124

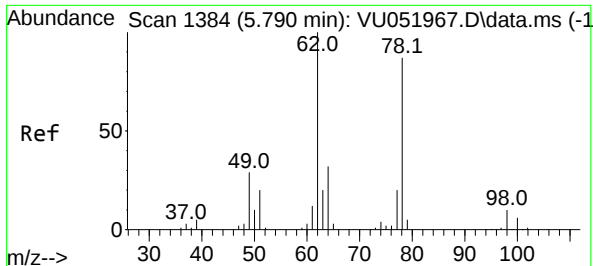
Ion Ratio Lower Upper

96 100

61 122.7 86.0 159.8

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 2.301 ug/L

RT: 5.797 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU051984.D

Acq: 20 Nov 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

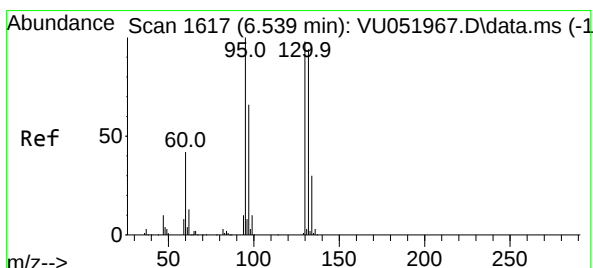
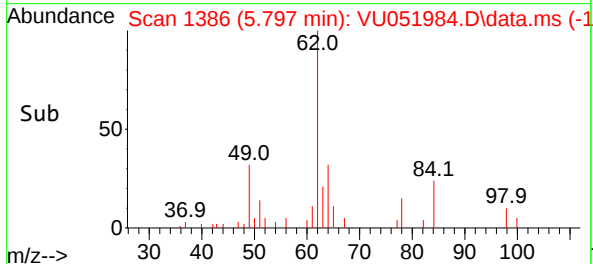
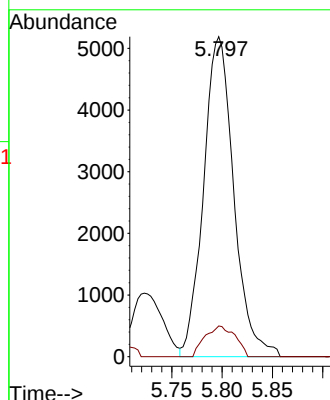
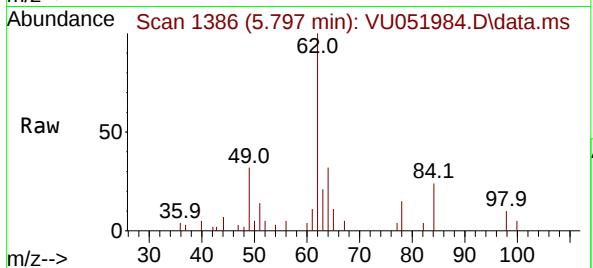
C0KY8

Tgt Ion: 62 Resp: 10855

Ion Ratio Lower Upper

62 100

98 9.6 8.1 12.1



#34

Trichloroethene

Concen: 2206.597 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU051984.D

Acq: 20 Nov 2022 19:32

Tgt Ion: 95 Resp: 6886452

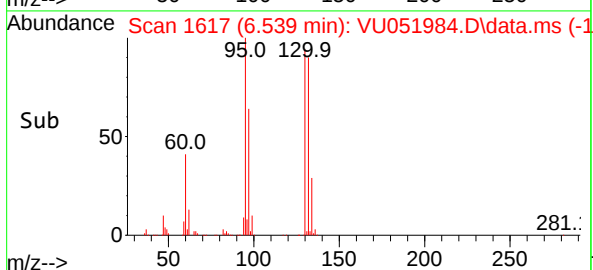
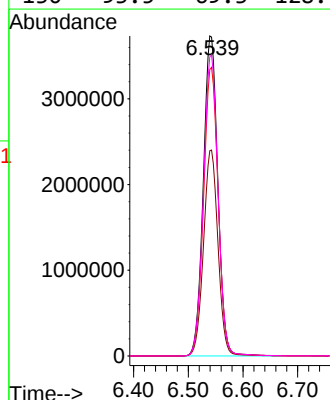
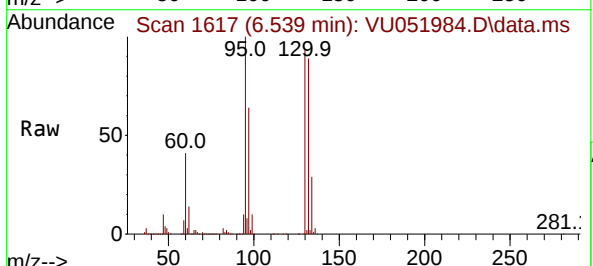
Ion Ratio Lower Upper

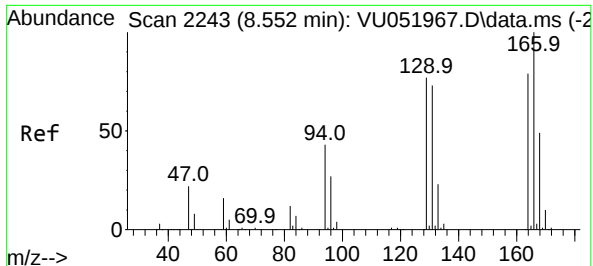
95 100

97 64.1 45.8 85.0

132 89.5 65.3 121.3

130 93.5 69.3 128.7





#46
 Tetrachloroethene
 Concen: 55.752 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051984.D
 Acq: 20 Nov 2022 19:32

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY8

Tgt Ion:164 Resp: 138954
 Ion Ratio Lower Upper
 164 100
 129 95.9 68.5 127.1
 131 91.7 66.6 123.8
 166 128.1 91.9 170.7

