

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032223\
 Data File : VU053356.D
 Acq On : 22 Mar 2023 16:47
 Operator : JC/MD
 Sample : 01961-02DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF5DL

Quant Time: Mar 23 02:45:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 23 02:41:20 2023
 Response via : Initial Calibration

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

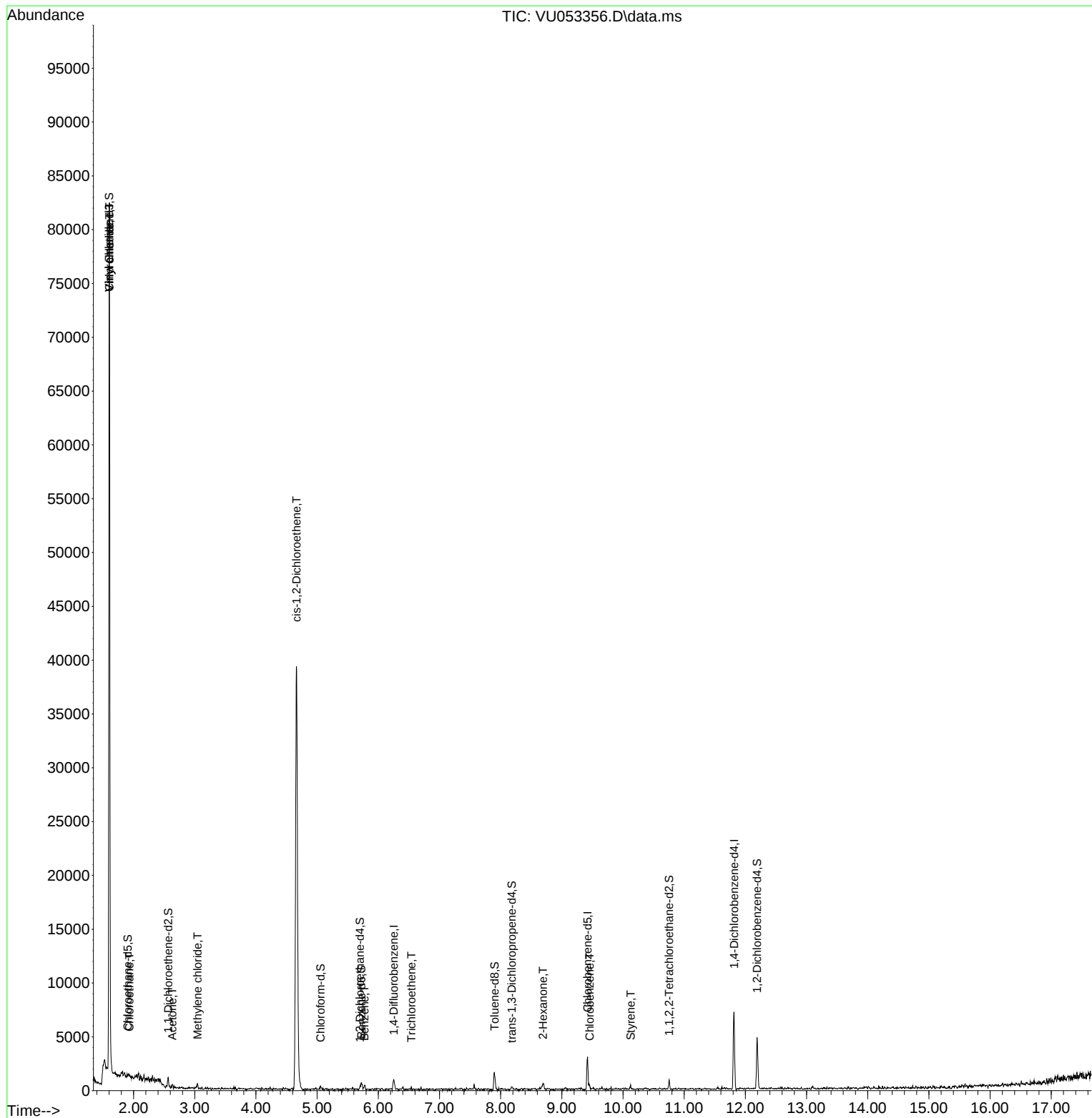
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	1212	50.000	ug/L	# 0.01
28) Chlorobenzene-d5	9.420	117	1885	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	2096	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	899	80.402	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	160.800%#	
7) Chloroethane-d5	1.906	69	174	19.238	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	38.480%#	
11) 1,1-Dichloroethene-d2	2.565	63	725	37.430	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.860%	
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	100.000	Range 40 - 130	Recovery	=	0.000%#	
24) Chloroform-d	5.057	84	310	16.833	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	33.660%#	
26) 1,2-Dichloroethane-d4	5.700	65	182	15.913	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	31.820%#	
32) Benzene-d6	5.723	84	466	7.622	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	15.240%#	
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount	50.000	Range 70 - 120	Recovery	=	0.000%#	
41) Toluene-d8	7.899	98	1372	24.102	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	48.200%#	
43) trans-1,3-Dichloroprop...	8.182	79	203	20.851	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	41.700%#	
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	100.000	Range 45 - 130	Recovery	=	0.000%#	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	664	25.976	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	51.960%#	
66) 1,2-Dichlorobenzene-d4	12.192	152	1390	34.250	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	68.500%#	
Target Compounds						Qvalue
3) Chloromethane	1.604	50	357	30.625	ug/L	# 41
5) Vinyl chloride	1.604	62	53010	4157.028	ug/L	97
8) Chloroethane	1.932	64	78	10.355	ug/L	# 42
13) Acetone	2.633	43	269	45.544	ug/L	# 37
16) Methylene chloride	3.047	84	254	23.523	ug/L	# 60
20) cis-1,2-Dichloroethene	4.662	96	19048	1795.709	ug/L	95
33) Benzene	5.774	78	467	7.146	ug/L	100
34) Trichloroethene	6.539	95	64	3.756	ug/L	# 37
48) 2-Hexanone	8.690	43	348	22.175	ug/L	# 52
51) Chlorobenzene	9.456	112	257	5.869	ug/L	# 80
55) Styrene	10.124	104	259	5.284	ug/L	# 30

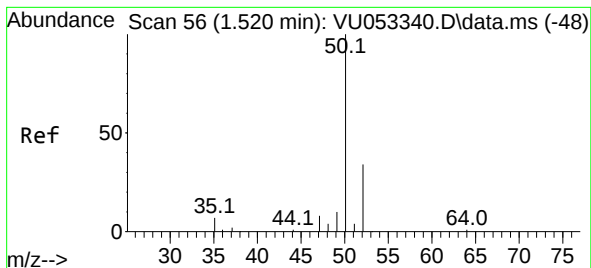
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#3

Chloromethane

Concen: 30.625 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.084 min

Lab File: VU053356.D

Acq: 22 Mar 2023 16:47

Instrument :

MSVOA_U

ClientSampleId :

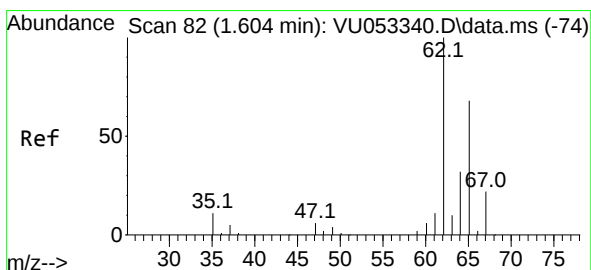
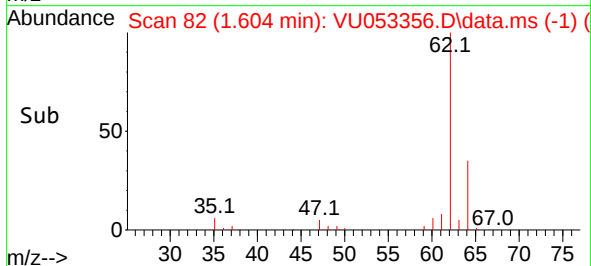
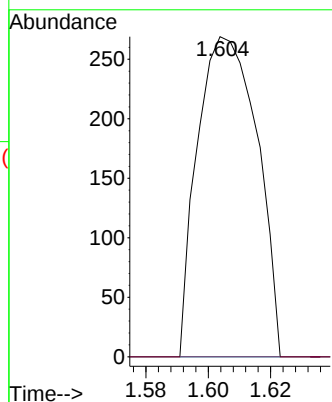
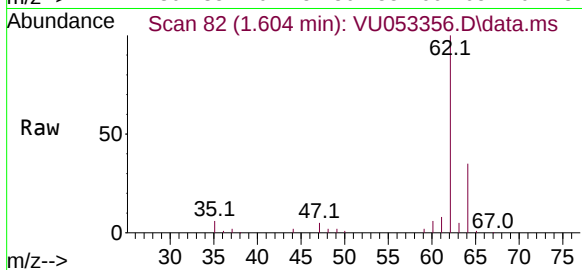
EYFF5DL

Tgt Ion: 50 Resp: 357

Ion Ratio Lower Upper

50 100

52 0.0 23.4 43.4#



#5

Vinyl chloride

Concen: 4157.028 ug/L

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU053356.D

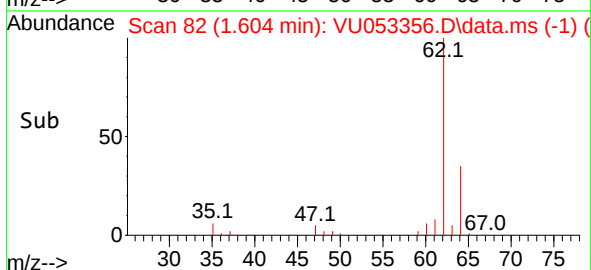
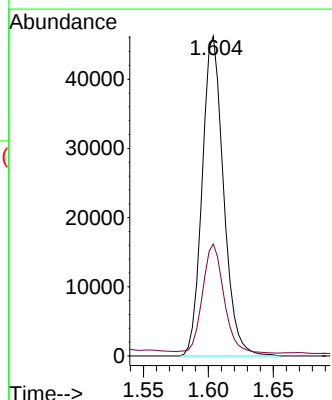
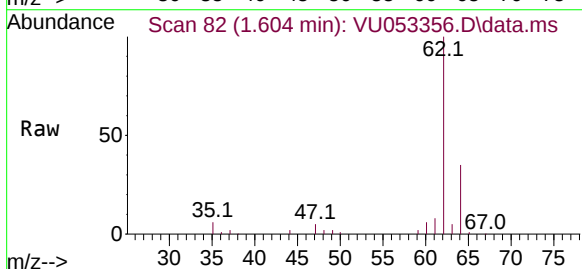
Acq: 22 Mar 2023 16:47

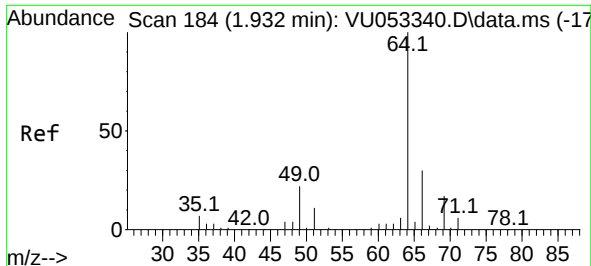
Tgt Ion: 62 Resp: 53010

Ion Ratio Lower Upper

62 100

64 35.0 23.2 43.0

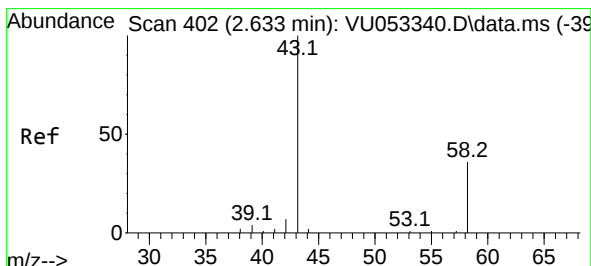
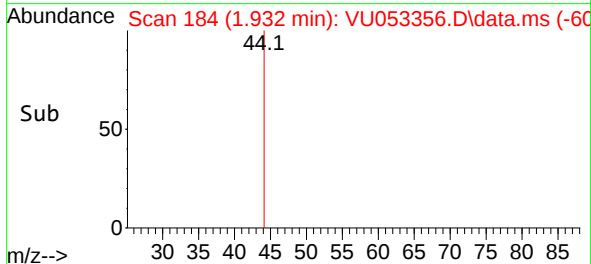
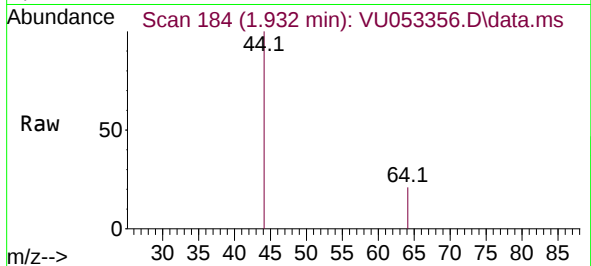




#8
Chloroethane
Concen: 10.355 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053356.D
Acq: 22 Mar 2023 16:47

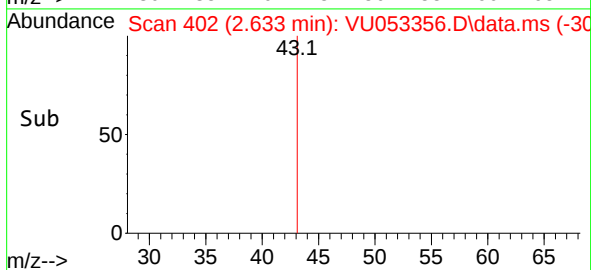
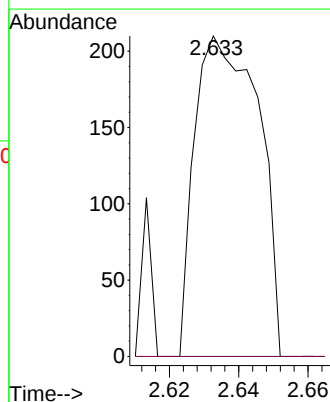
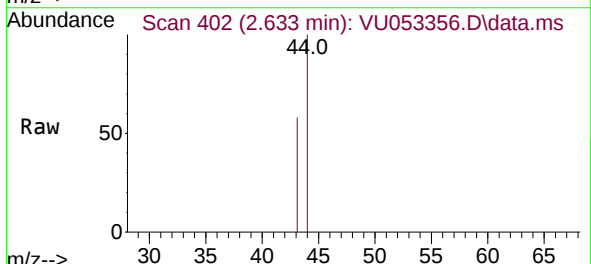
Instrument :
MSVOA_U
ClientSampleId :
EYFF5DL

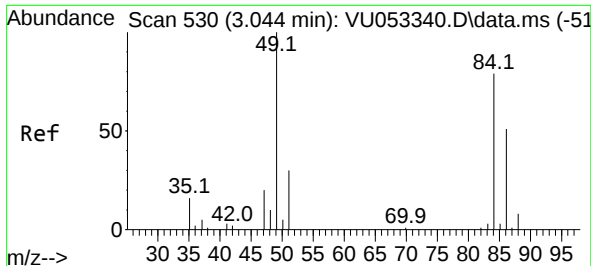
Tgt Ion: 64 Resp: 78
Ion Ratio Lower Upper
64 100
66 0.0 22.6 42.0#



#13
Acetone
Concen: 45.544 ug/L
RT: 2.633 min Scan# 402
Delta R.T. -0.000 min
Lab File: VU053356.D
Acq: 22 Mar 2023 16:47

Tgt Ion: 43 Resp: 269
Ion Ratio Lower Upper
43 100
58 0.0 0.0 75.0

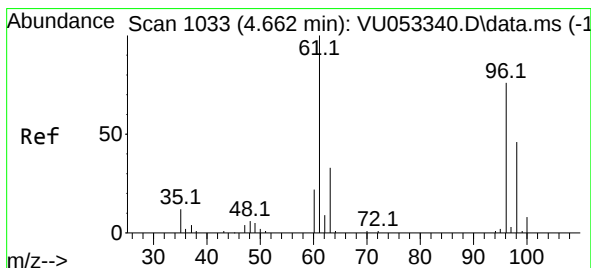
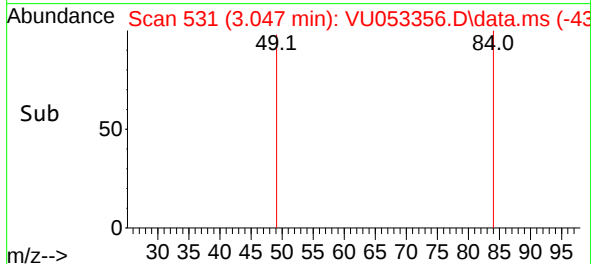
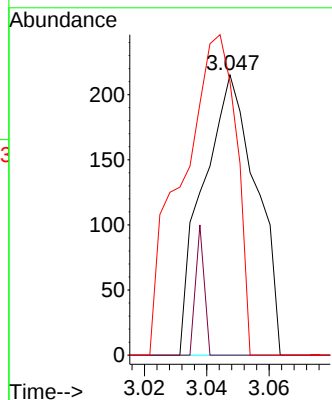
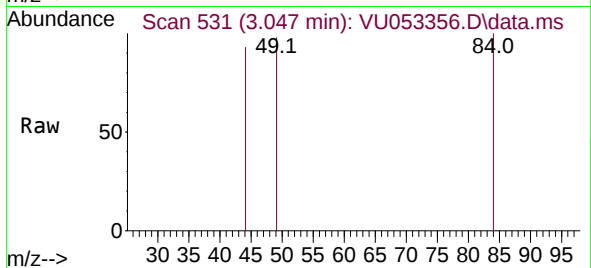




#16
Methylene chloride
Concen: 23.523 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053356.D
Acq: 22 Mar 2023 16:47

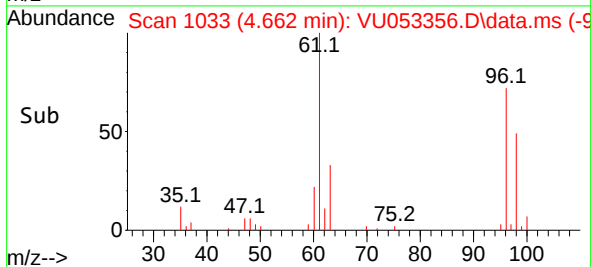
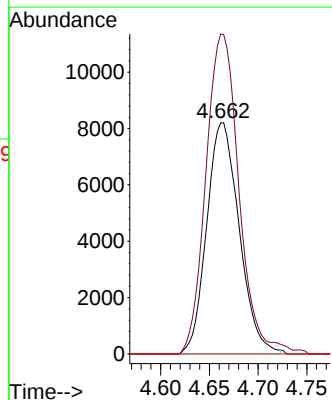
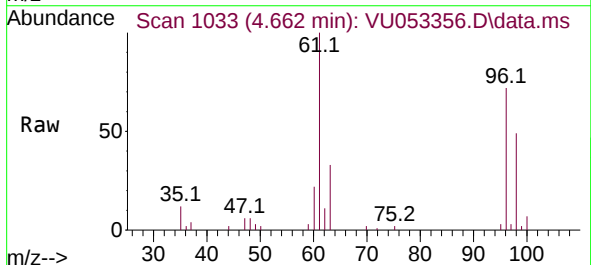
Instrument :
MSVOA_U
ClientSampleId :
EYFF5DL

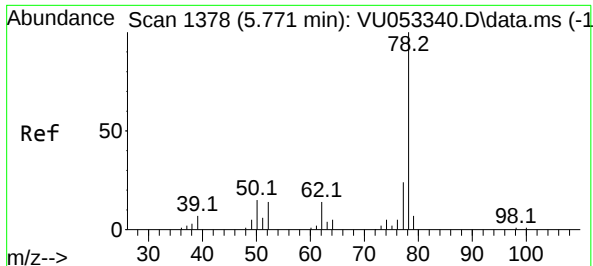
Tgt Ion: 84 Resp: 254
Ion Ratio Lower Upper
84 100
86 0.0 44.4 82.4#
49 97.7 81.6 151.6



#20
cis-1,2-Dichloroethene
Concen: 1795.709 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU053356.D
Acq: 22 Mar 2023 16:47

Tgt Ion: 96 Resp: 19048
Ion Ratio Lower Upper
96 100
61 138.4 92.5 171.7
68 0.0 0.0 0.0





#33

Benzene

Concen: 7.146 ug/L

RT: 5.774 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053356.D

Acq: 22 Mar 2023 16:47

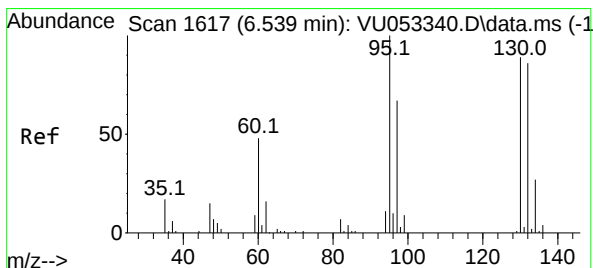
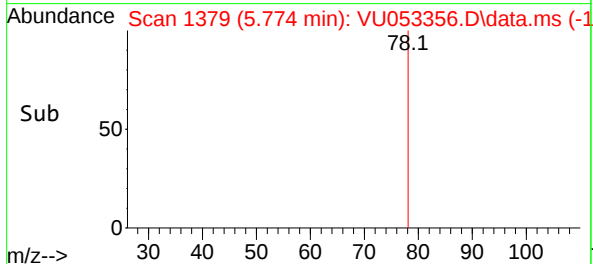
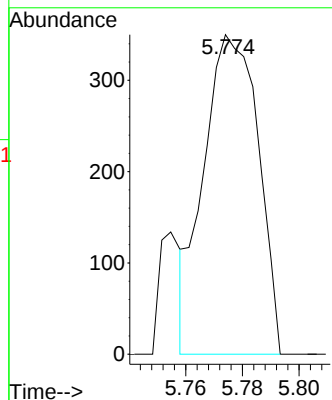
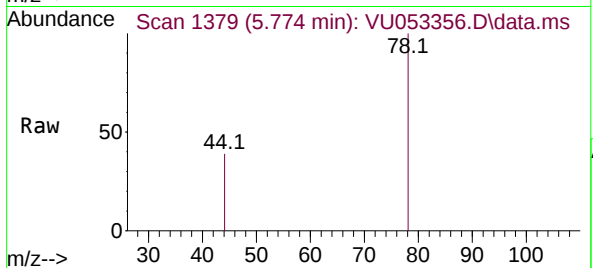
Instrument :

MSVOA_U

ClientSampleId :

EYFF5DL

Tgt Ion: 78 Resp: 467



#34

Trichloroethene

Concen: 3.756 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU053356.D

Acq: 22 Mar 2023 16:47

Tgt Ion: 95 Resp: 64

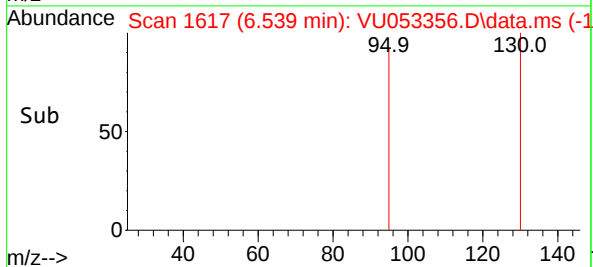
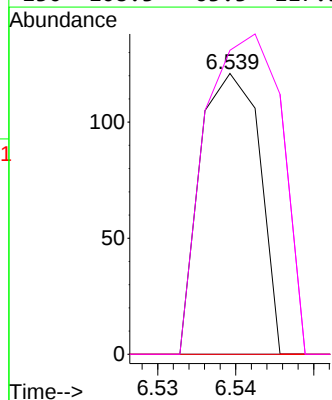
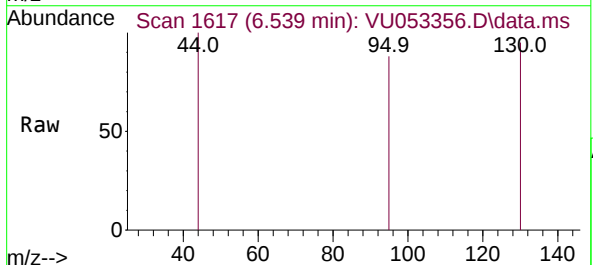
Ion Ratio Lower Upper

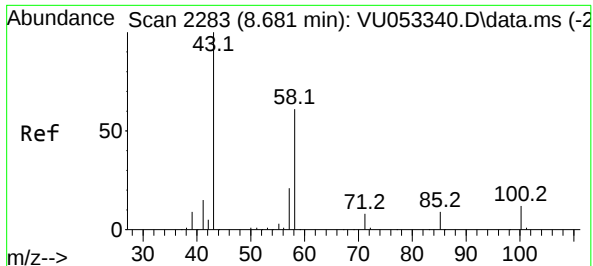
95 100

97 0.0 43.8 81.3#

132 0.0 61.5 114.3#

130 108.3 63.3 117.5





#48

2-Hexanone

Concen: 22.175 ug/L

RT: 8.690 min Scan# 21

Delta R.T. 0.010 min

Lab File: VU053356.D

Acq: 22 Mar 2023 16:47

Instrument :

MSVOA_U

ClientSampleId :

EYFF5DL

Tgt Ion: 43 Resp: 348

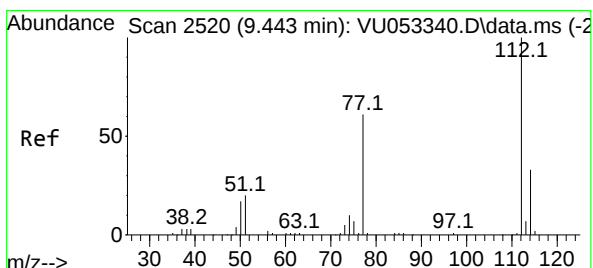
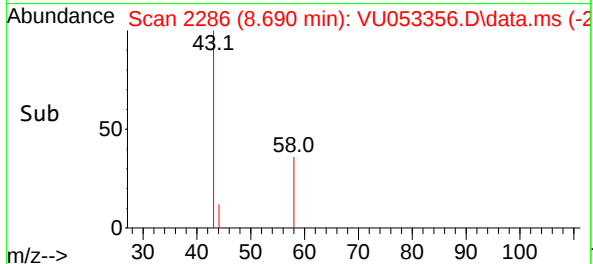
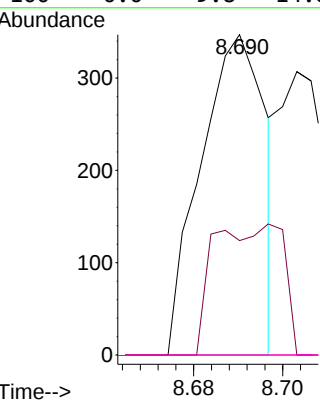
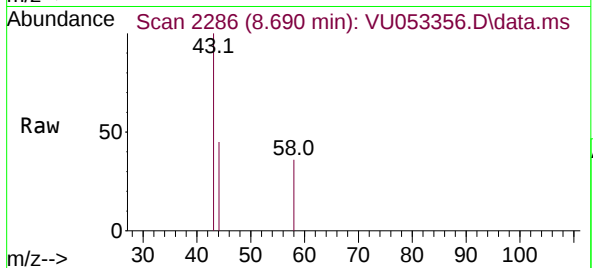
Ion Ratio Lower Upper

43 100

58 21.6 49.4 74.0#

57 0.0 16.9 25.3#

100 0.0 9.8 14.8#



#51

Chlorobenzene

Concen: 5.869 ug/L

RT: 9.456 min Scan# 2524

Delta R.T. 0.013 min

Lab File: VU053356.D

Acq: 22 Mar 2023 16:47

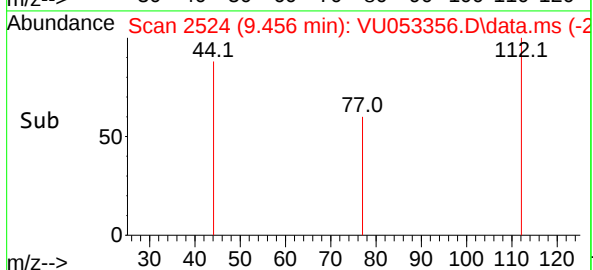
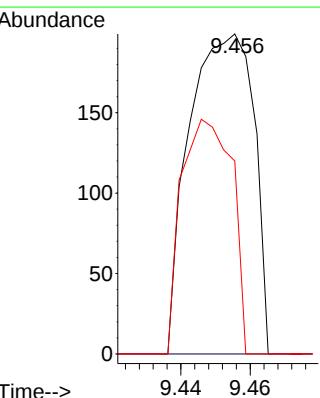
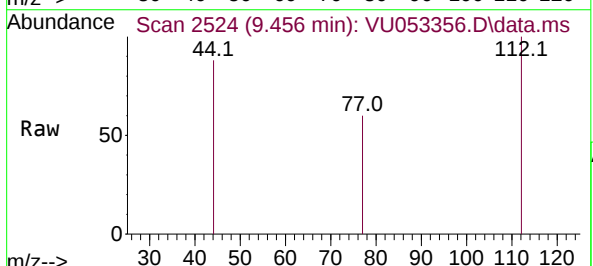
Tgt Ion: 112 Resp: 257

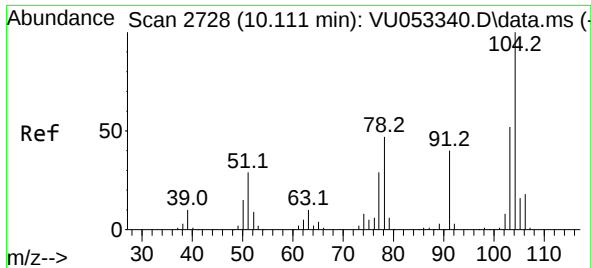
Ion Ratio Lower Upper

112 100

114 0.0 21.8 40.6#

77 60.3 48.8 73.2





#55

Styrene

Concen: 5.284 ug/L

RT: 10.124 min Scan# 21

Delta R.T. 0.013 min

Lab File: VU053356.D

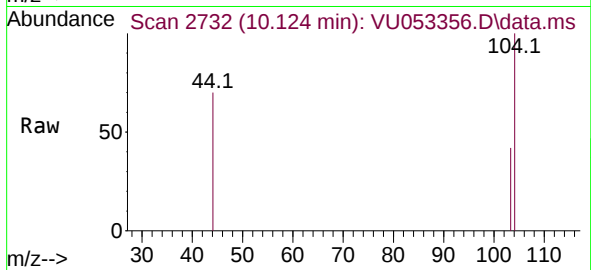
Acq: 22 Mar 2023 16:47

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ClientSampleId :

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Tgt Ion:104 Resp: 259

Ion Ratio Lower Upper

104 100

78 0.0 32.9 61.1#

