

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
 Data File : VU053335.D
 Acq On : 21 Mar 2023 19:30
 Operator : JC/MD
 Sample : 01995-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXEM8

Quant Time: Mar 22 03:13:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 22 03:08:43 2023
 Response via : Initial Calibration

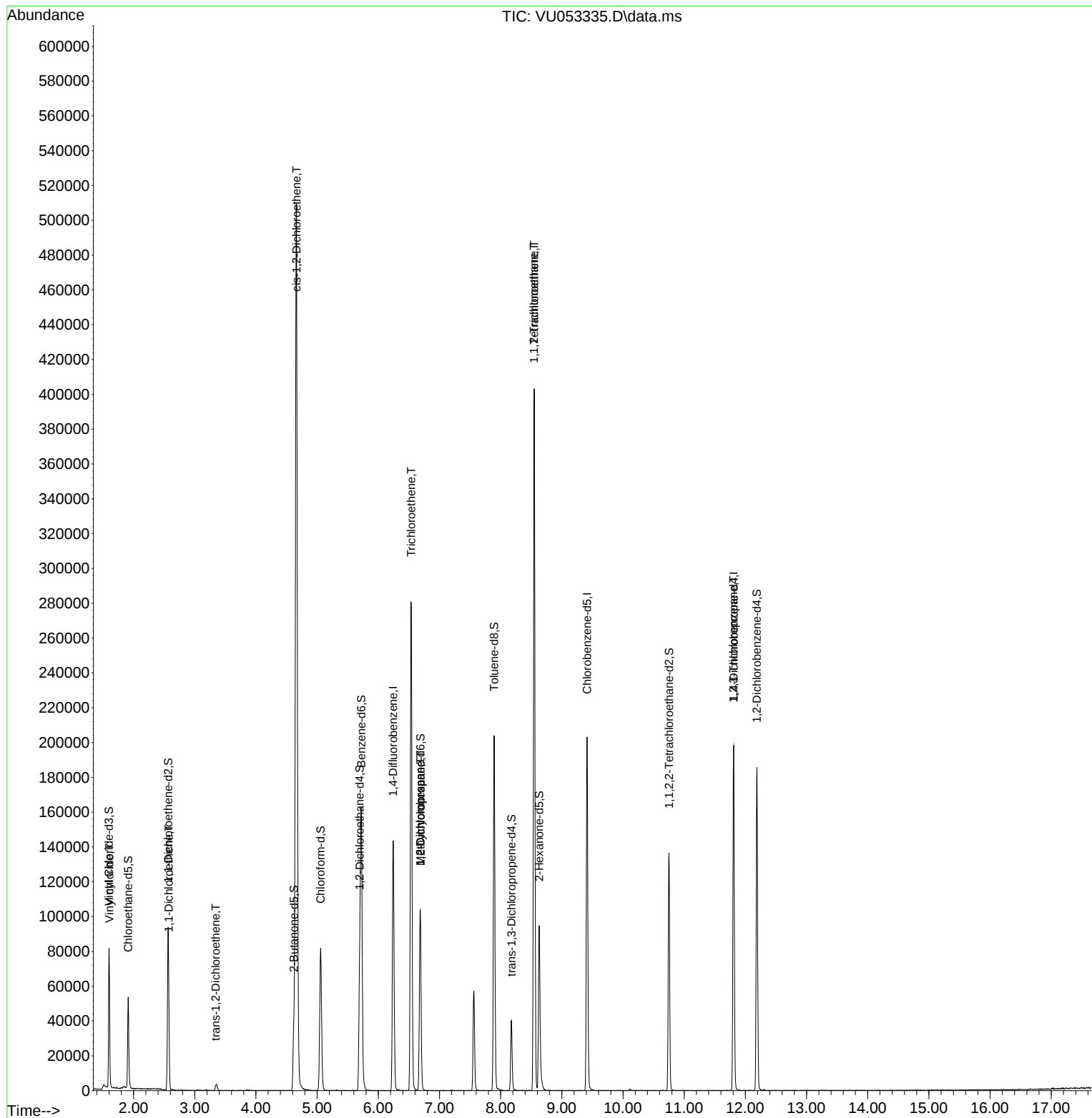
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	112498	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	105961	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	48149	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43945	42.342	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	84.680%	
7) Chloroethane-d5	1.912	69	36587	43.582	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	87.160%	
11) 1,1-Dichloroethene-d2	2.565	63	54872	30.520	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.040%	
21) 2-Butanone-d5	4.620	46	49689	103.226	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	103.230%	
24) Chloroform-d	5.057	84	70183	41.057	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.120%	
26) 1,2-Dichloroethane-d4	5.697	65	48845	46.010	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.020%	
32) Benzene-d6	5.723	84	149232	43.421	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.840%	
36) 1,2-Dichloropropane-d6	6.687	67	49609	44.724	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	89.440%	
41) Toluene-d8	7.893	98	134582	42.059	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.120%	
43) trans-1,3-Dichloroprop...	8.176	79	22802	41.664	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.320%	
47) 2-Hexanone-d5	8.629	63	32703	94.302	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	94.300%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	65551	45.619	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.240%	
66) 1,2-Dichlorobenzene-d4	12.189	152	44604	47.843	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.680%	
Target Compounds						
5) Vinyl chloride	1.604	62	14842	12.539	ug/L	83
12) 1,1-Dichloroethene	2.575	96	1298	1.571	ug/L #	1
17) trans-1,2-Dichloroethene	3.343	96	826	0.985	ug/L #	84
20) cis-1,2-Dichloroethene	4.662	96	246800	250.663	ug/L	98
34) Trichloroethene	6.536	95	93016	97.108	ug/L	99
35) Methylcyclohexane	6.687	83	10769	6.414	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	5657	5.520	ug/L #	90
45) 1,1,2-Trichloroethane	8.546	97	746	0.799	ug/L #	3
46) Tetrachloroethene	8.549	164	76307	122.448	ug/L	98
60) 1,2,3-Trichloropropane	11.806	75	7509	7.848	ug/L #	67

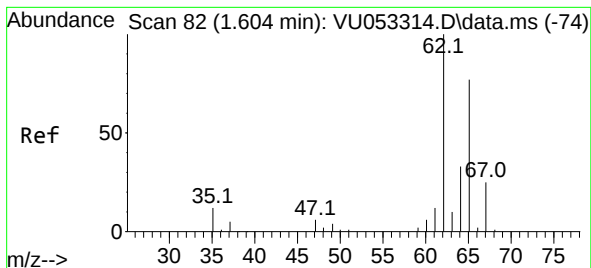
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
Data File : VU053335.D
Acq On : 21 Mar 2023 19:30
Operator : JC/MD
Sample : 01995-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXEM8

Quant Time: Mar 22 03:13:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 22 03:08:43 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 12.539 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU053335.D

Acq: 21 Mar 2023 19:30

Instrument :

MSVOA_U

ClientSampleId :

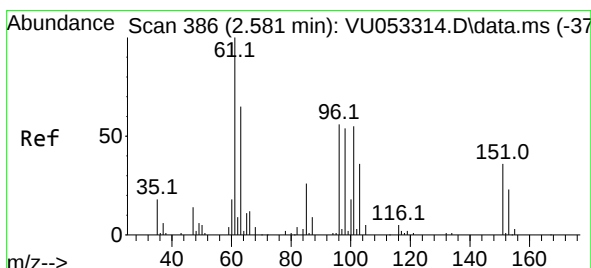
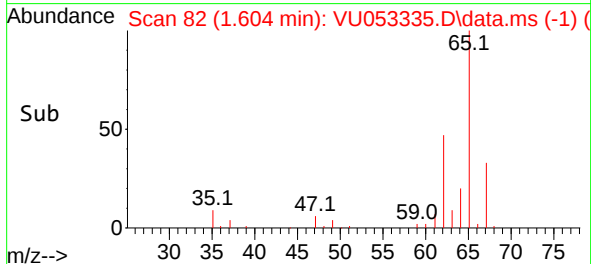
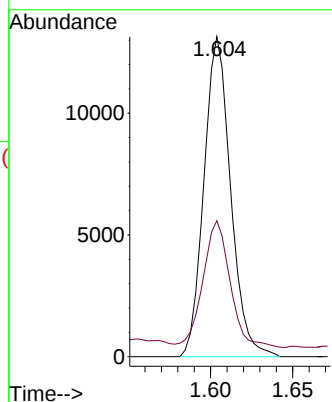
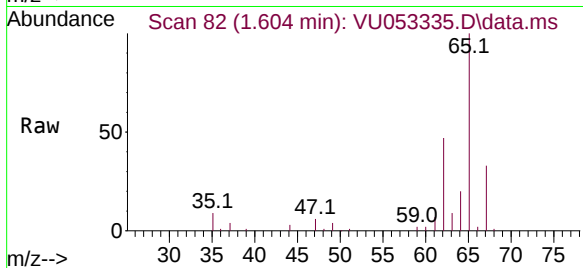
EXEM8

Tgt Ion: 62 Resp: 14842

Ion Ratio Lower Upper

62 100

64 42.5 23.2 43.0



#12

1,1-Dichloroethene

Concen: 1.571 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.006 min

Lab File: VU053335.D

Acq: 21 Mar 2023 19:30

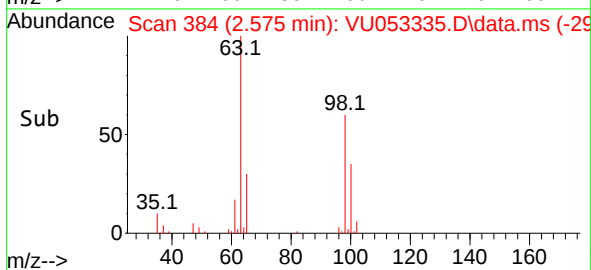
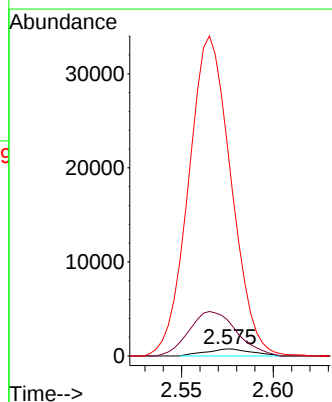
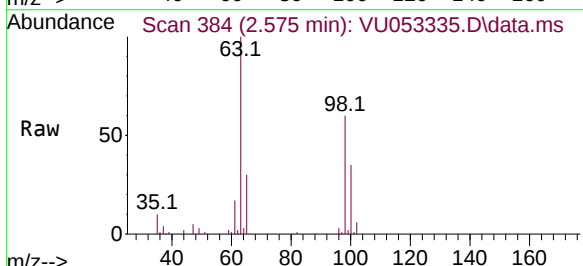
Tgt Ion: 96 Resp: 1298

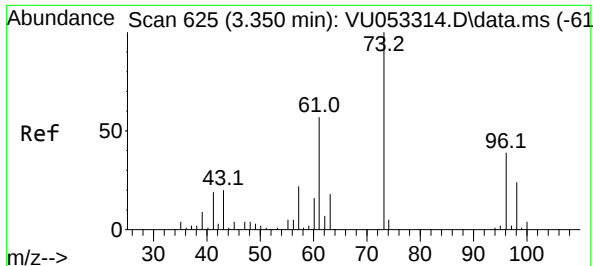
Ion Ratio Lower Upper

96 100

61 513.5 122.2 226.9#

63 2999.7 89.9 166.9#





#17

trans-1,2-Dichloroethene

Concen: 0.985 ug/L

RT: 3.343 min Scan# 61

Delta R.T. -0.006 min

Lab File: VU053335.D

Acq: 21 Mar 2023 19:30

Instrument :

MSVOA_U

ClientSampleId :

EXEM8

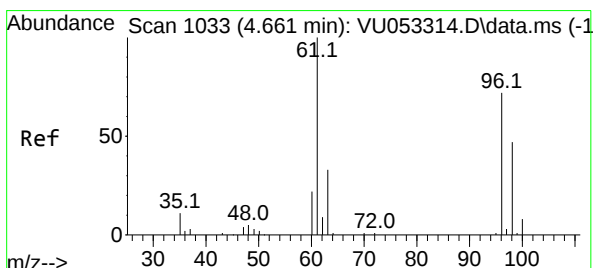
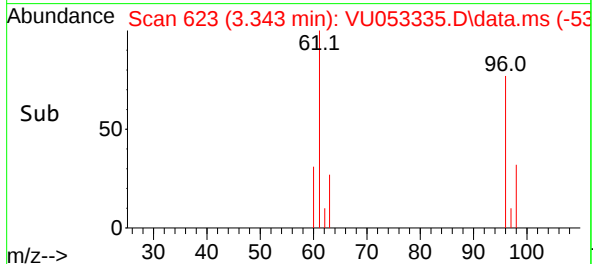
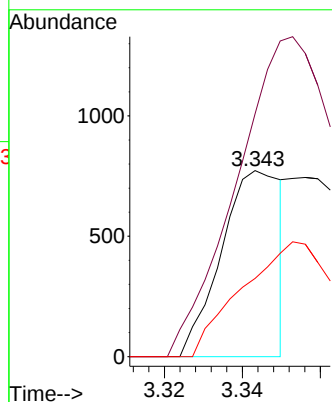
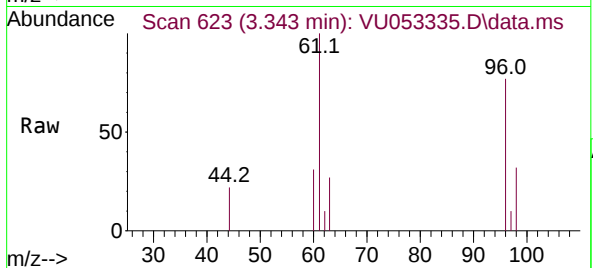
Tgt Ion: 96 Resp: 826

Ion Ratio Lower Upper

96 100

61 130.5 99.6 185.0

98 42.0 45.5 84.5#



#20

cis-1,2-Dichloroethene

Concen: 250.663 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU053335.D

Acq: 21 Mar 2023 19:30

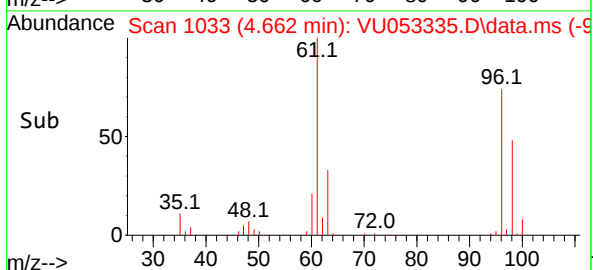
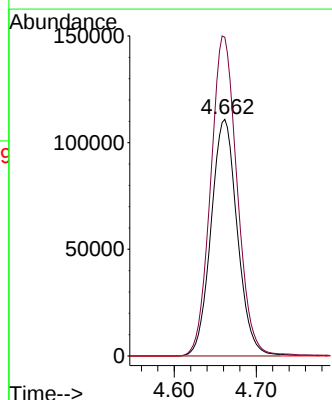
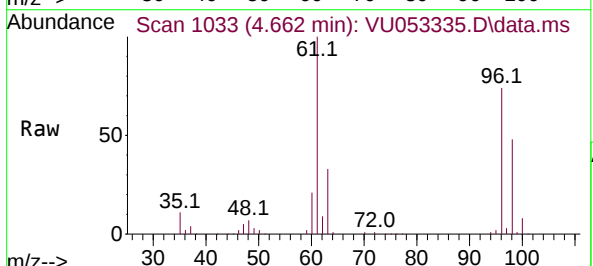
Tgt Ion: 96 Resp: 246800

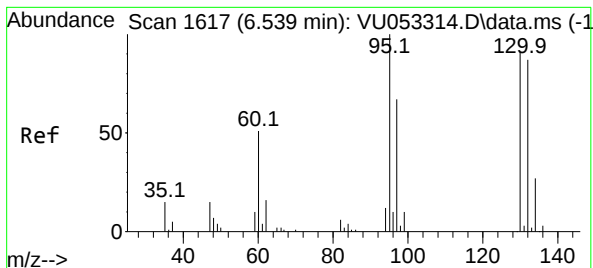
Ion Ratio Lower Upper

96 100

61 134.7 92.5 171.7

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 97.108 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU053335.D

Acq: 21 Mar 2023 19:30

Instrument :

MSVOA_U

ClientSampleId :

EXEM8

Tgt Ion: 95 Resp: 93016

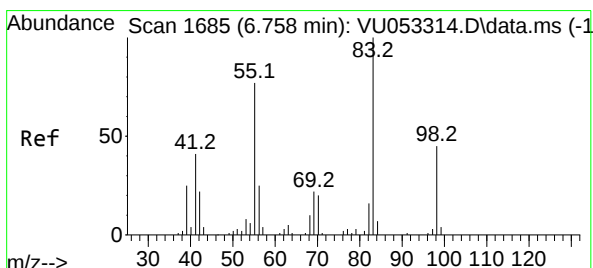
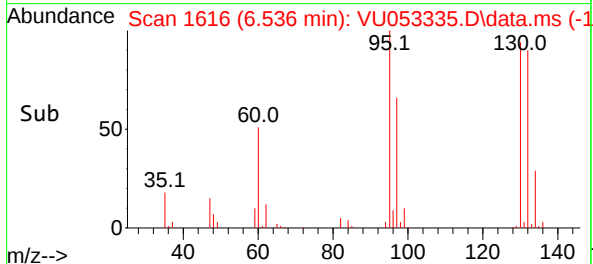
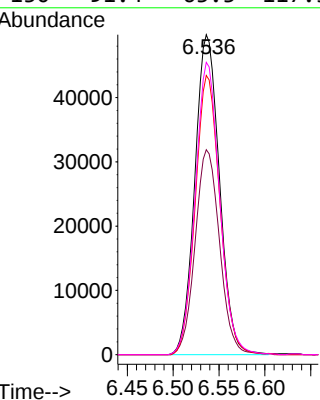
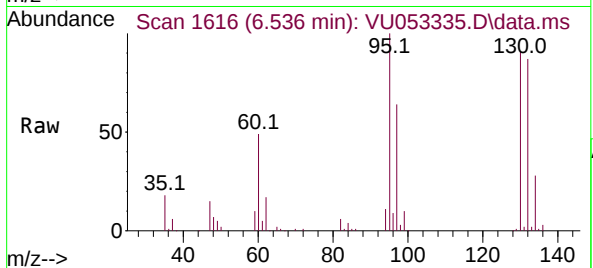
Ion Ratio Lower Upper

95 100

97 64.1 43.8 81.3

132 87.2 61.5 114.3

130 91.4 63.3 117.5



#35

Methylcyclohexane

Concen: 6.414 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU053335.D

Acq: 21 Mar 2023 19:30

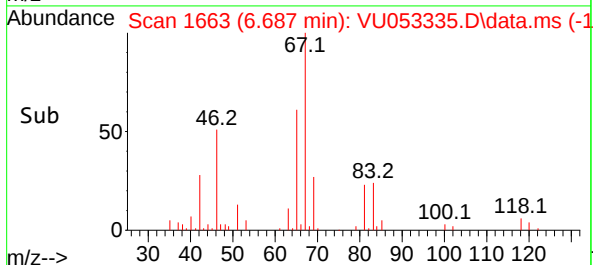
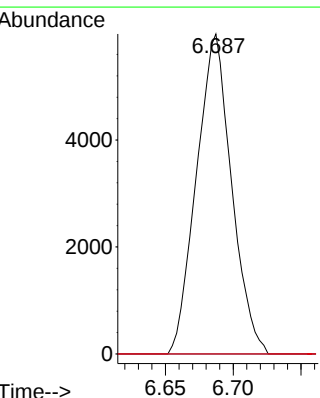
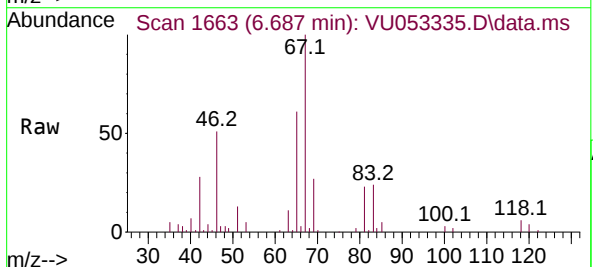
Tgt Ion: 83 Resp: 10769

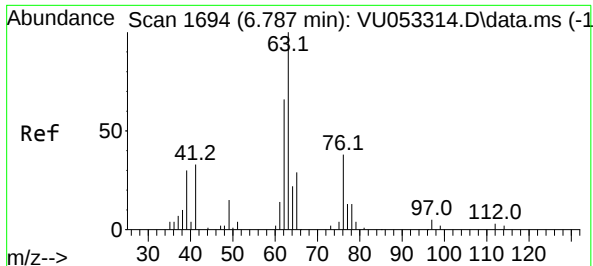
Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.0 35.4 53.2#





#37

1,2-Dichloropropane

Concen: 5.520 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053335.D

Acq: 21 Mar 2023 19:30

Instrument :

MSVOA_U

ClientSampleId :

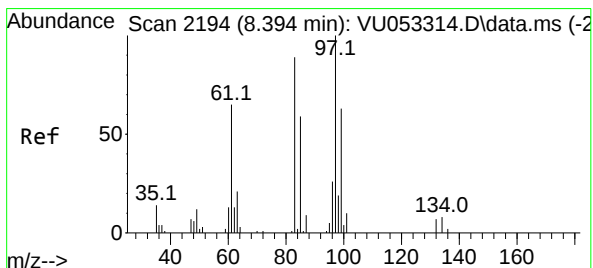
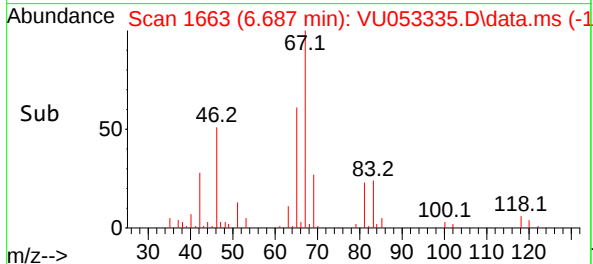
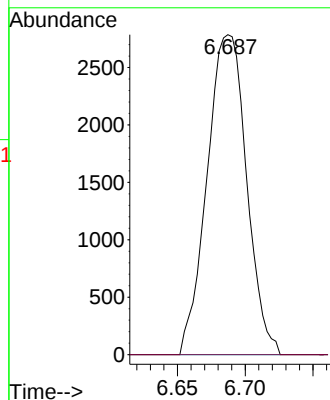
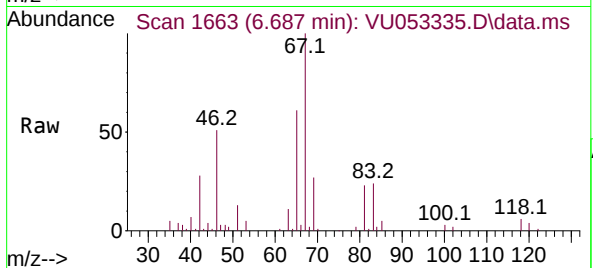
EXEM8

Tgt Ion: 63 Resp: 5657

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#45

1,1,2-Trichloroethane

Concen: 0.799 ug/L

RT: 8.546 min Scan# 2241

Delta R.T. 0.151 min

Lab File: VU053335.D

Acq: 21 Mar 2023 19:30

Tgt Ion: 97 Resp: 746

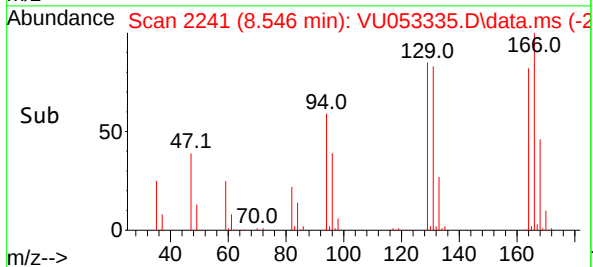
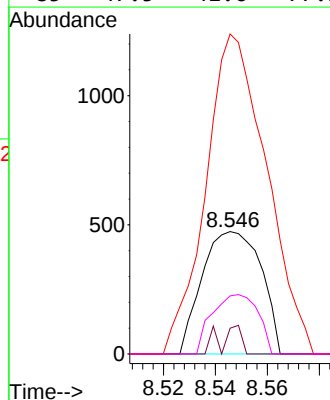
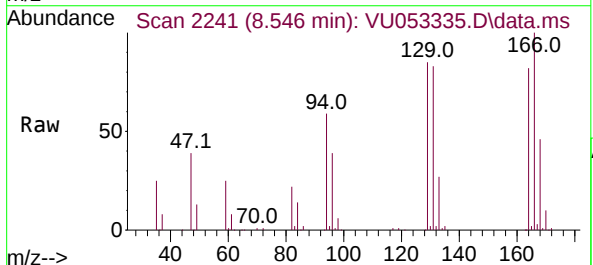
Ion Ratio Lower Upper

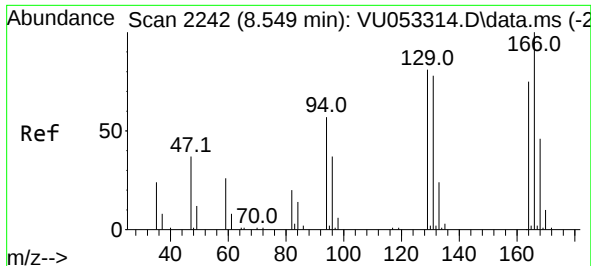
97 100

99 21.1 44.4 82.4#

83 261.4 63.8 118.6#

85 47.5 41.6 77.2

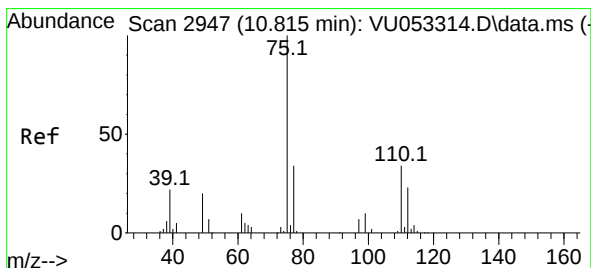
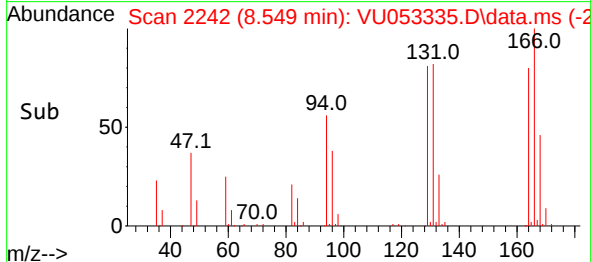
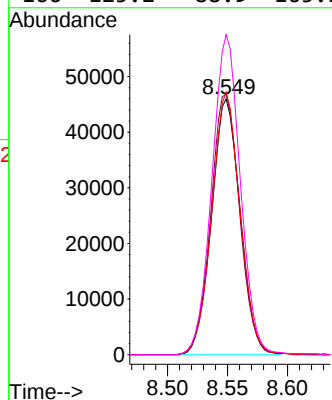
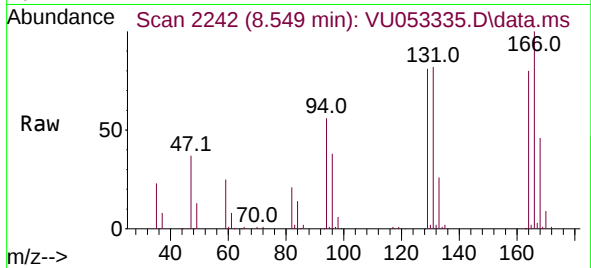




#46
Tetrachloroethene
Concen: 122.448 ug/L
RT: 8.549 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053335.D
Acq: 21 Mar 2023 19:30

Instrument :
MSVOA_U
ClientSampleId :
EXEM8

Tgt Ion:164 Resp: 76307
Ion Ratio Lower Upper
164 100
129 101.8 73.6 136.8
131 102.8 70.3 130.7
166 125.2 88.9 165.1



#60
1,2,3-Trichloropropane
Concen: 7.848 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU053335.D
Acq: 21 Mar 2023 19:30

Tgt Ion: 75 Resp: 7509
Ion Ratio Lower Upper
75 100
77 32.1 26.6 40.0
110 0.0 28.6 42.8#

