

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011524\
 Data File : VW033638.D
 Acq On : 15 Jan 2024 13:26
 Operator : SY/MD
 Sample : P1121-09DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 16 03:44:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 03:40:53 2024
 Response via : Initial Calibration

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

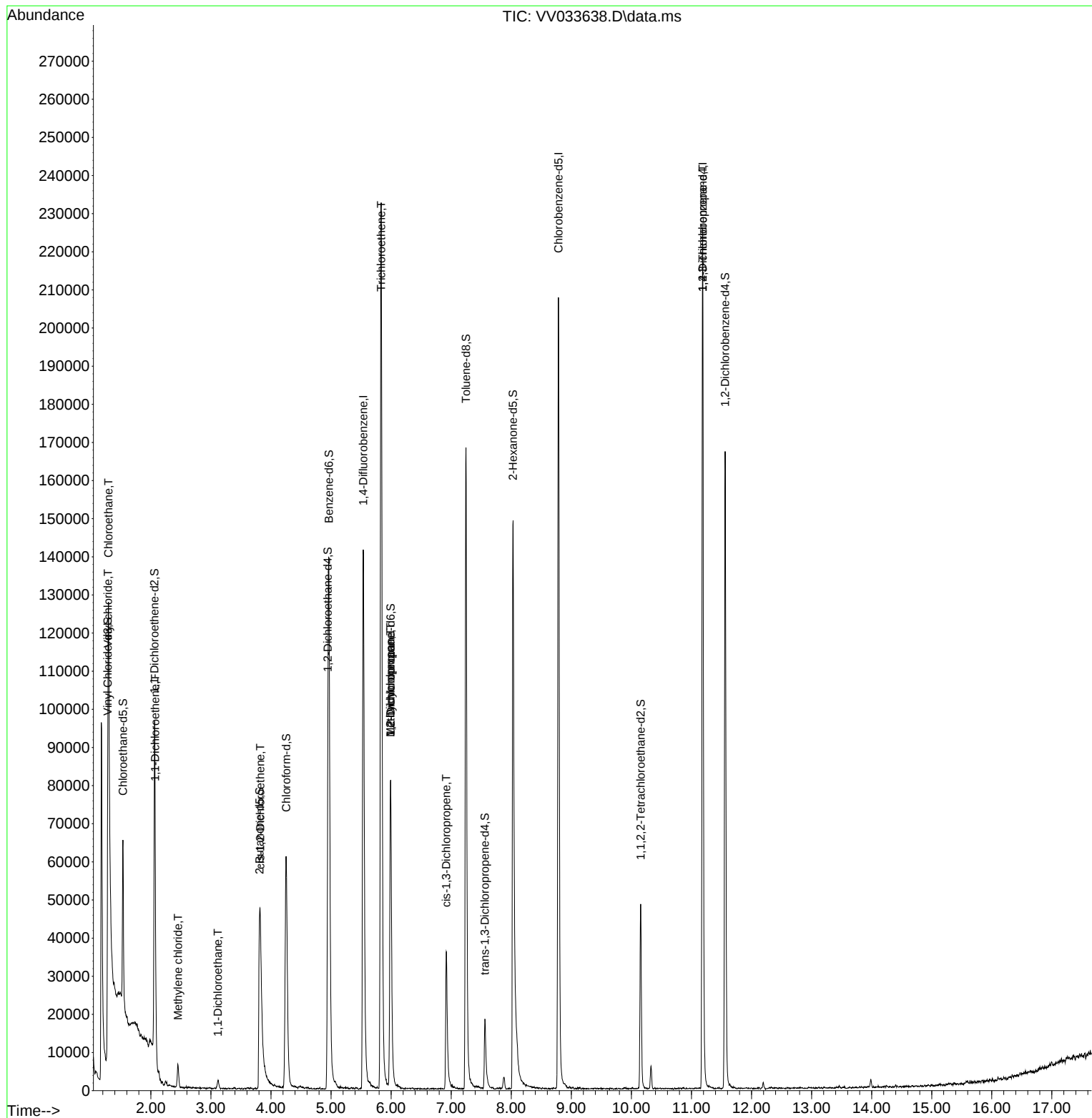
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	120828	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	111166	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56610	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	29179	4.416	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.536	69	27318	4.662	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.060	65	13597	4.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	3.809	46	73629	45.578	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.160%
24) Chloroform-d	4.253	84	65516	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.947	65	31284	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.963	84	127469	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	5.992	67	41283	4.616	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.246	98	112472	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	7.561	79	13008	4.207	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.027	63	56248	46.339	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.680%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	24961	4.777	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	41658	4.793	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	1466	0.117	ug/L #	1
8) Chloroethane	1.294	64	184333	24.147	ug/L #	51
12) 1,1-Dichloroethene	2.073	96	5291	0.621	ug/L #	1
16) Methylene chloride	2.452	84	2363	0.235	ug/L	93
19) 1,1-Dichloroethane	3.118	63	2777	0.145	ug/L	98
22) cis-1,2-Dichloroethene	3.822	96	8748	0.868	ug/L	99
34) Trichloroethene	5.834	95	84317	8.025	ug/L	97
35) Methylcyclohexane	5.989	83	9106	0.512	ug/L #	15
37) 1,2-Dichloropropane	5.989	63	4713	0.481	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	1002	0.072	ug/L #	65
61) 1,2,3-Trichloropropane	11.188	75	7286	1.606	ug/L #	65

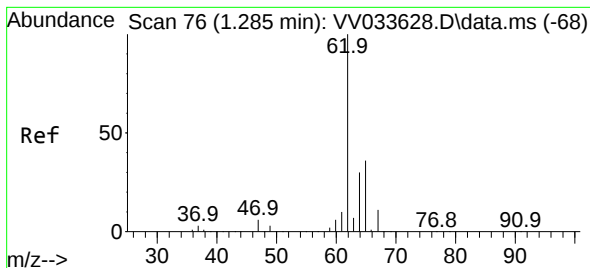
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011524\
Data File : VV033638.D
Acq On : 15 Jan 2024 13:26
Operator : SY/MD
Sample : P1121-09DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 16 03:44:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 16 03:40:53 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.117 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.000 min

Lab File: VV033638.D

Acq: 15 Jan 2024 13:26

Instrument :

MSVOA_V

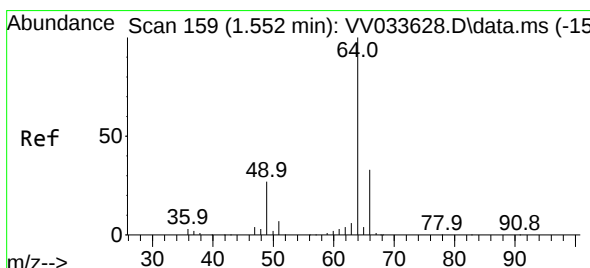
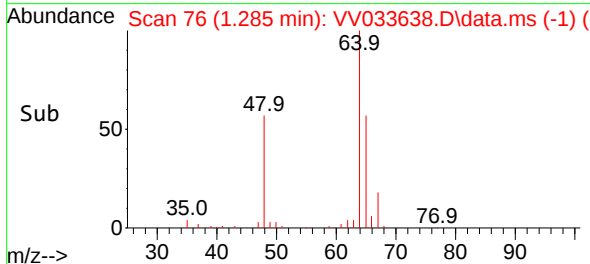
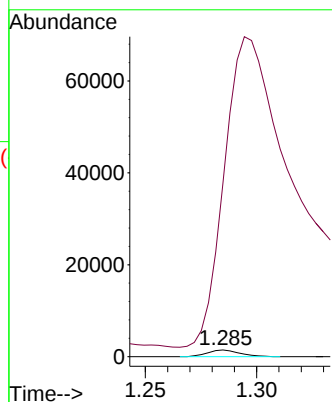
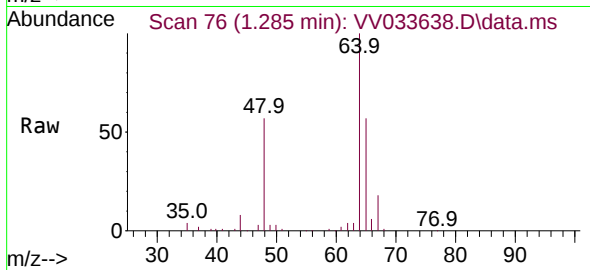
ClientSampleId :

Tgt Ion: 62 Resp: 1466

Ion Ratio Lower Upper

62 100

64 2570.7 23.0 42.8#



#8

Chloroethane

Concen: 24.147 ug/L

RT: 1.294 min Scan# 79

Delta R.T. -0.257 min

Lab File: VV033638.D

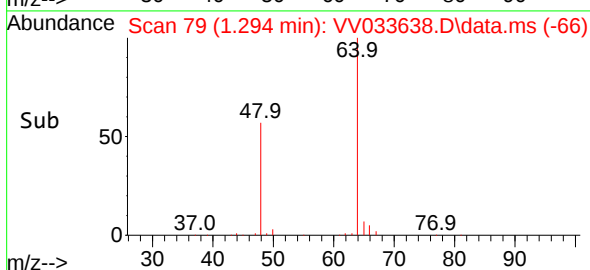
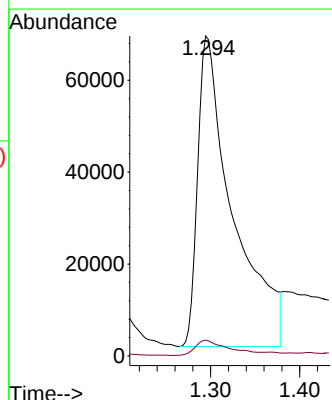
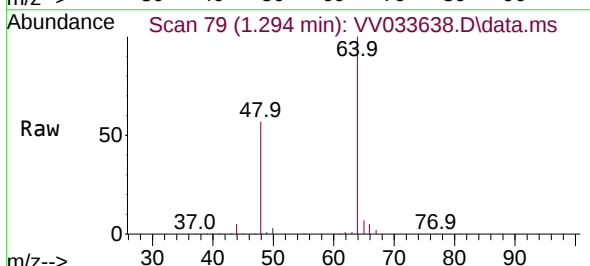
Acq: 15 Jan 2024 13:26

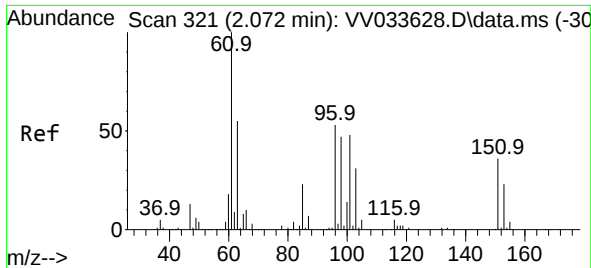
Tgt Ion: 64 Resp: 184333

Ion Ratio Lower Upper

64 100

66 4.9 22.6 42.0#





#12

1,1-Dichloroethene

Concen: 0.621 ug/L

RT: 2.073 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033638.D

Acq: 15 Jan 2024 13:26

Instrument :

MSVOA_V

ClientSampleId :

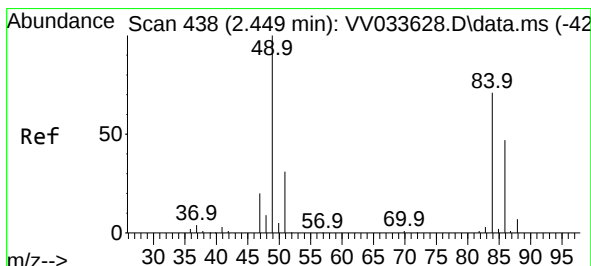
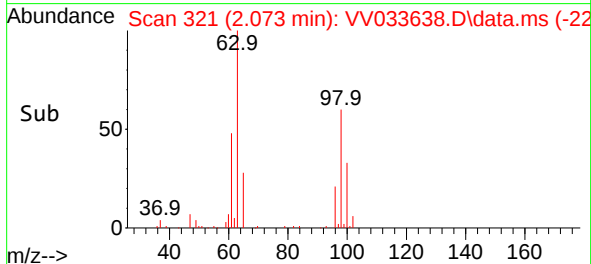
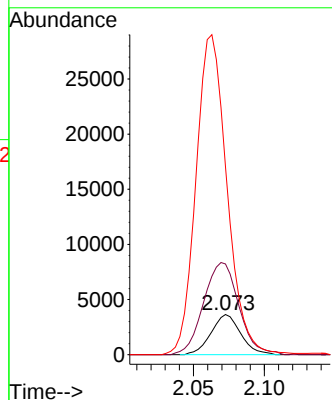
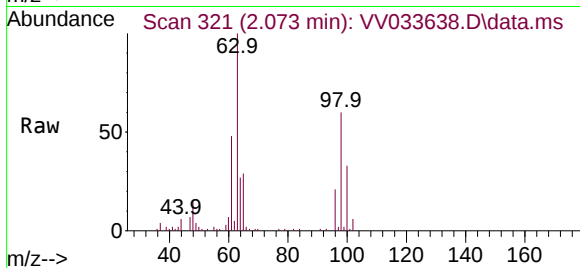
Tgt Ion: 96 Resp: 5291

Ion Ratio Lower Upper

96 100

61 225.4 133.8 248.4

63 467.3 77.2 143.4#



#16

Methylene chloride

Concen: 0.235 ug/L

RT: 2.452 min Scan# 439

Delta R.T. 0.003 min

Lab File: VV033638.D

Acq: 15 Jan 2024 13:26

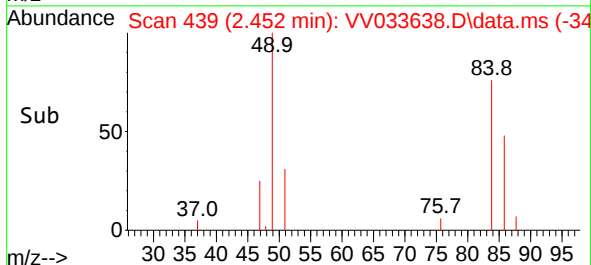
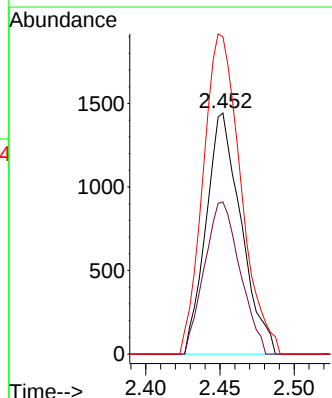
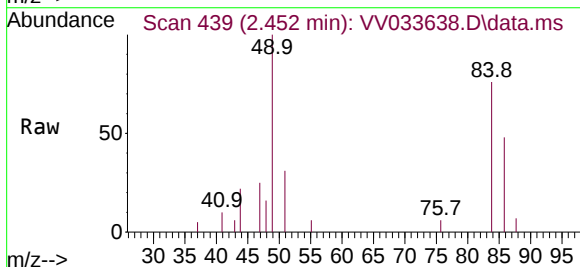
Tgt Ion: 84 Resp: 2363

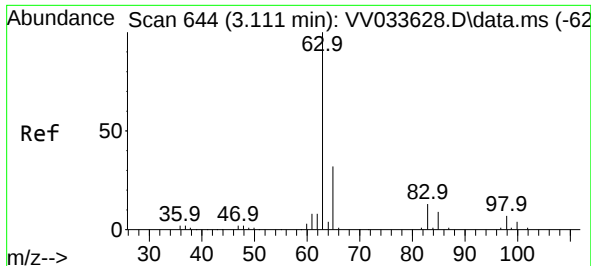
Ion Ratio Lower Upper

84 100

86 63.1 45.5 84.5

49 131.6 100.3 186.3





#19

1,1-Dichloroethane

Concen: 0.145 ug/L

RT: 3.118 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV033638.D

Acq: 15 Jan 2024 13:26

Instrument :

MSVOA_V

ClientSampleId :

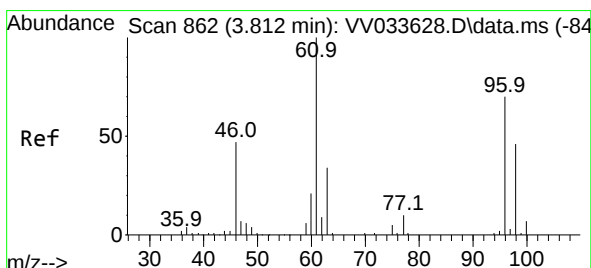
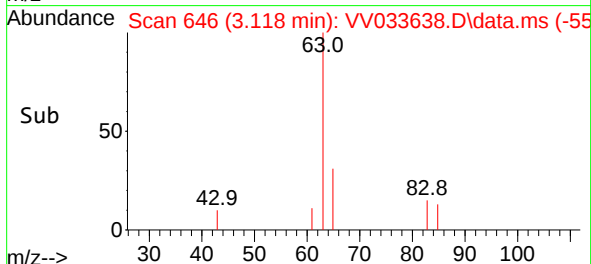
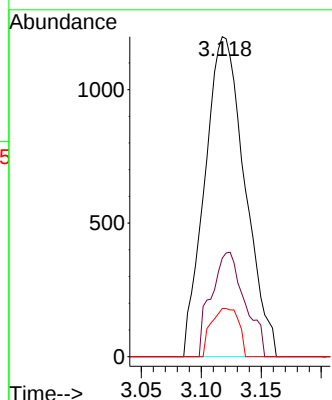
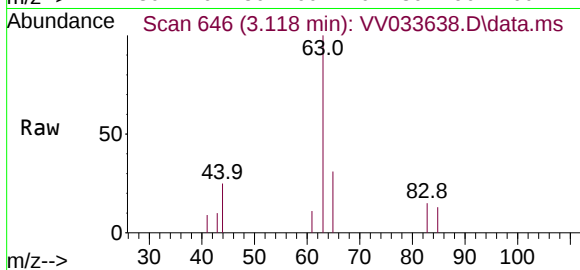
Tgt Ion: 63 Resp: 2777

Ion Ratio Lower Upper

63 100

65 30.8 21.6 40.2

83 15.0 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.868 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.010 min

Lab File: VV033638.D

Acq: 15 Jan 2024 13:26

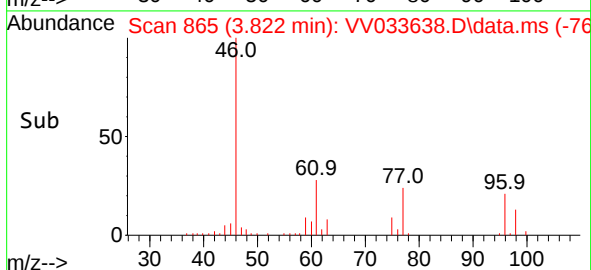
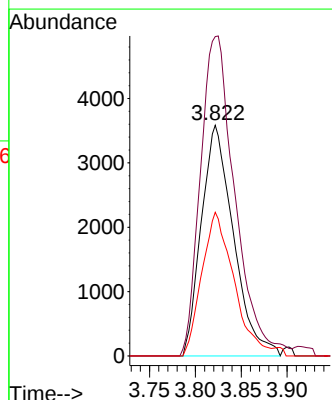
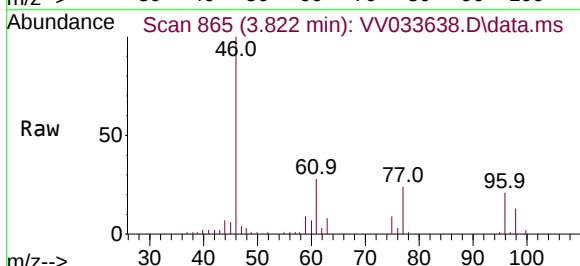
Tgt Ion: 96 Resp: 8748

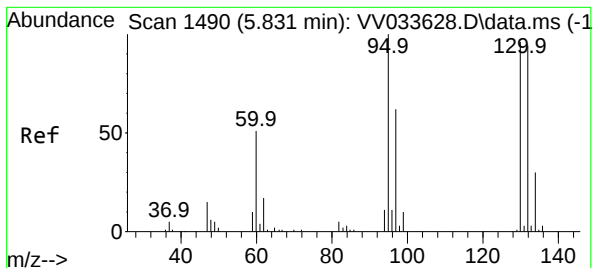
Ion Ratio Lower Upper

96 100

61 138.4 97.1 180.3

98 62.3 42.6 79.0





#34

Trichloroethene

Concen: 8.025 ug/L

RT: 5.834 min Scan# 14

Delta R.T. 0.003 min

Lab File: VV033638.D

Acq: 15 Jan 2024 13:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 84317

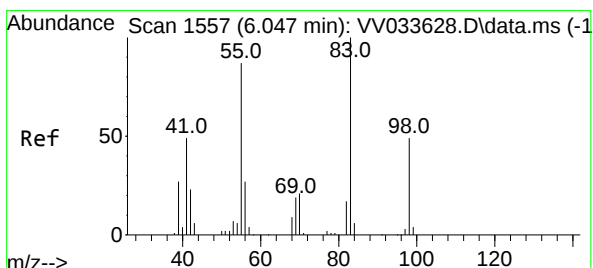
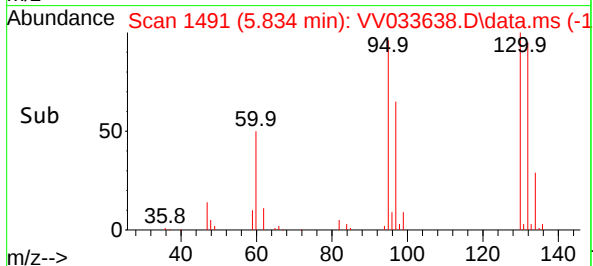
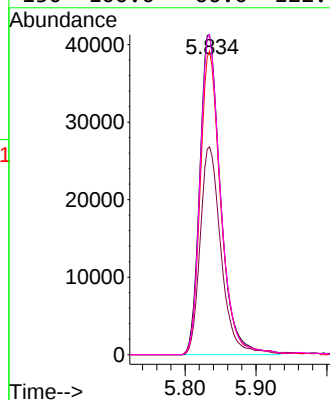
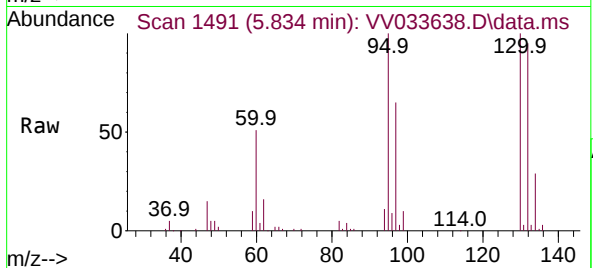
Ion Ratio Lower Upper

95 100

97 65.0 45.1 83.9

132 94.8 65.2 121.2

130 100.0 66.0 122.6



#35

Methylcyclohexane

Concen: 0.512 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV033638.D

Acq: 15 Jan 2024 13:26

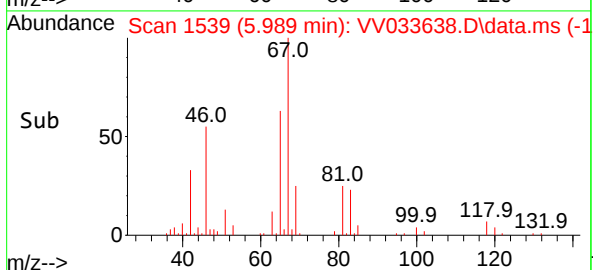
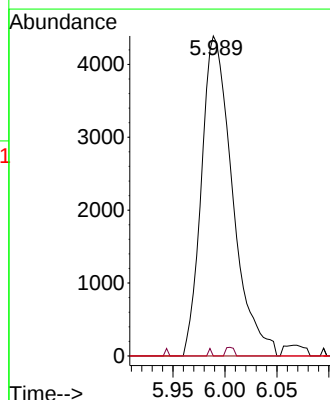
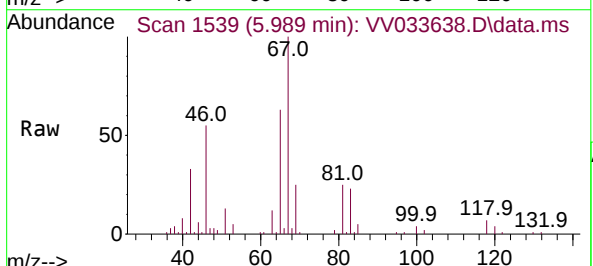
Tgt Ion: 83 Resp: 9106

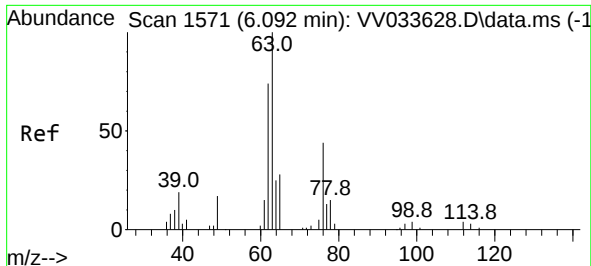
Ion Ratio Lower Upper

83 100

55 0.2 68.7 103.1#

98 0.0 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.481 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV033638.D

Acq: 15 Jan 2024 13:26

Instrument :

MSVOA_V

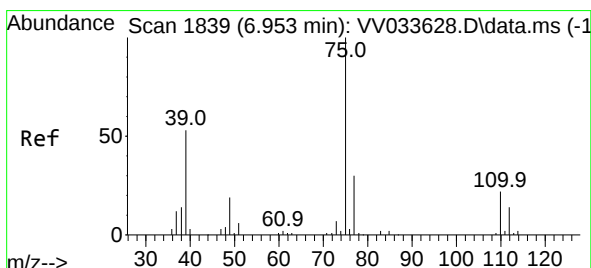
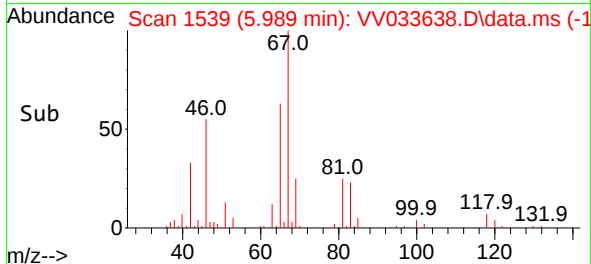
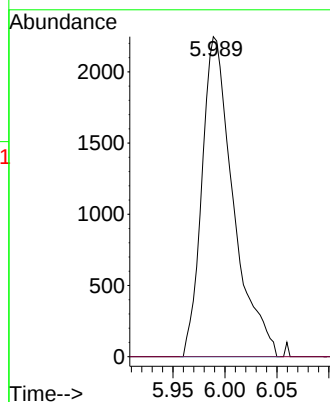
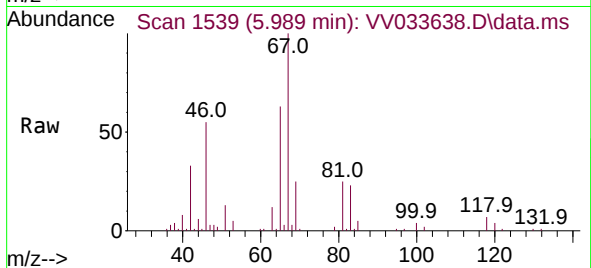
ClientSampleId :

Tgt Ion: 63 Resp: 4713

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.035 min

Lab File: VV033638.D

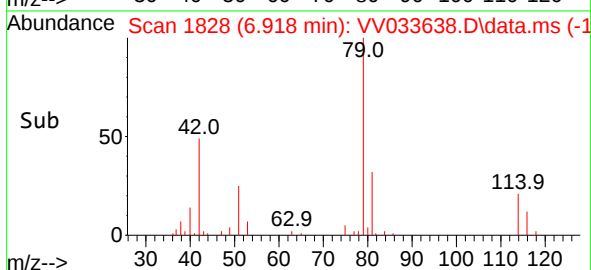
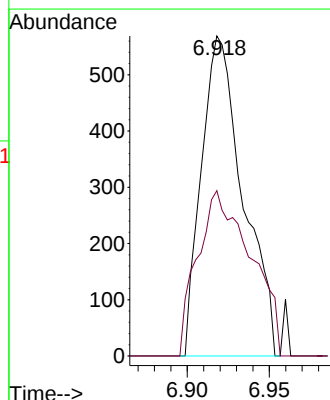
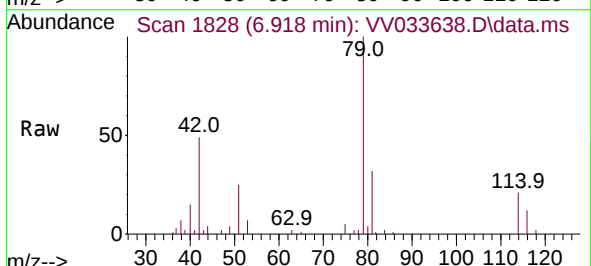
Acq: 15 Jan 2024 13:26

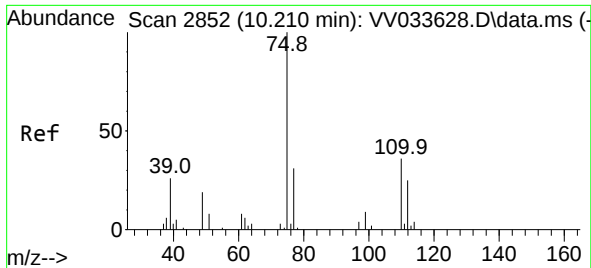
Tgt Ion: 75 Resp: 1002

Ion Ratio Lower Upper

75 100

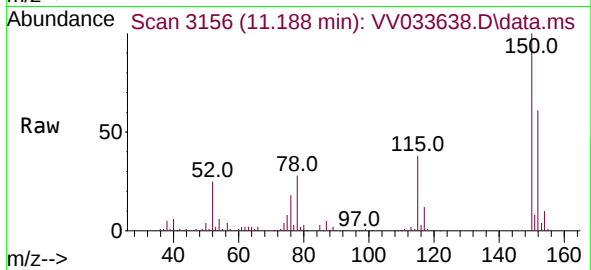
77 51.7 22.5 41.7#





#61
1,2,3-Trichloropropane
Concen: 1.606 ug/L
RT: 11.188 min Scan# 31
Delta R.T. 0.978 min
Lab File: VV033638.D
Acq: 15 Jan 2024 13:26

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 7286
Ion Ratio Lower Upper
75 100
77 36.4 24.7 37.1
110 1.8 28.0 42.0#

