

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033690.D
 Acq On : 16 Jan 2024 23:21
 Operator : SY/MD
 Sample : P1120-11DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 03:31:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 01:35:32 2024
 Response via : Initial Calibration

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

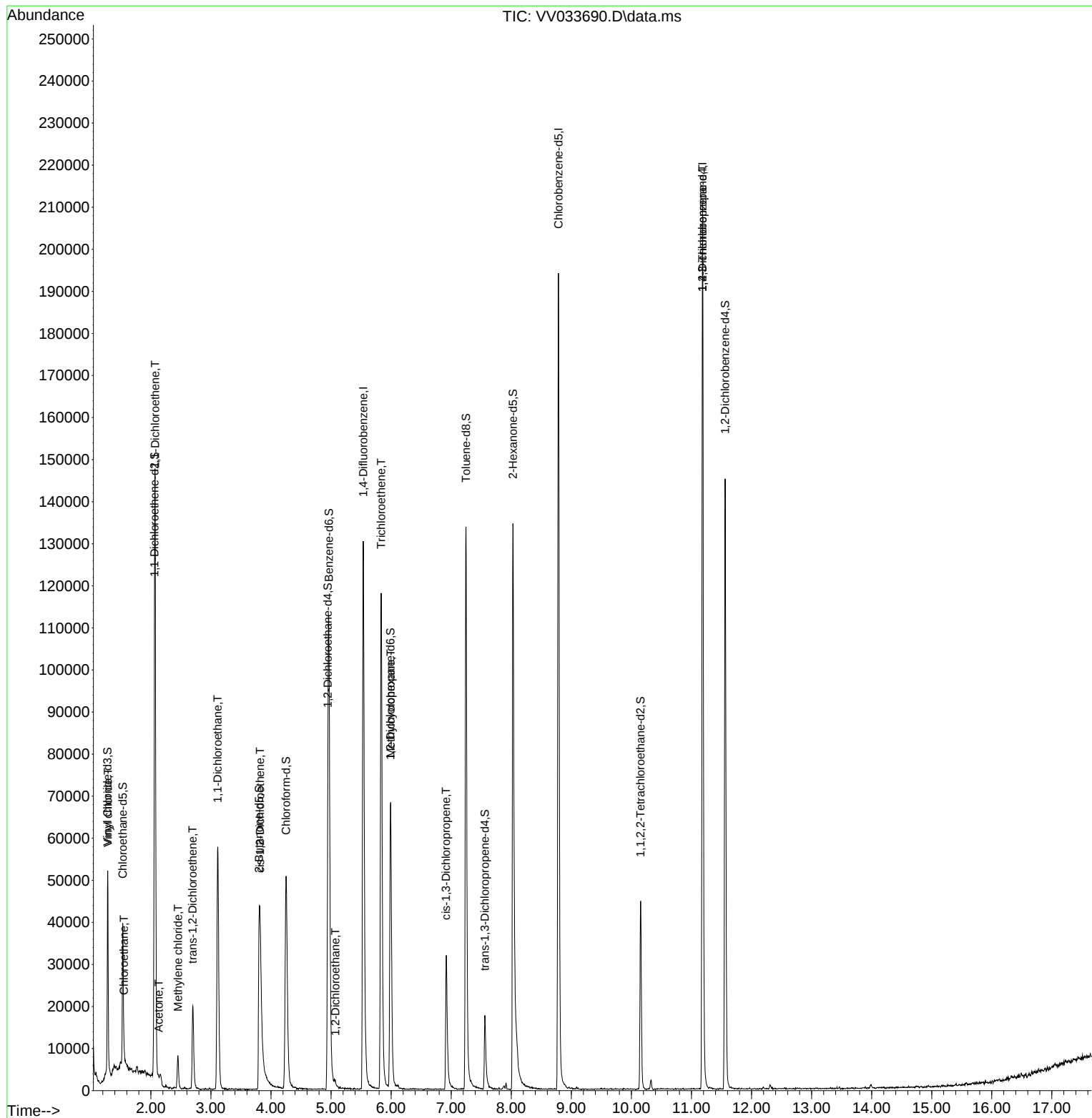
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	112359	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	104049	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	54561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20135	3.277	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.532	69	19947	3.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.060	65	10252	3.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	3.802	46	58770	39.122	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.240%
24) Chloroform-d	4.249	84	53579	4.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
26) 1,2-Dichloroethane-d4	4.947	65	26794	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	4.963	84	101046	4.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	5.989	67	33570	4.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.246	98	89770	4.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.561	79	11828	4.087	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.027	63	48943	43.079	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.160%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	22425	4.585	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	36189	4.320	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	11037	0.944	ug/L	86
8) Chloroethane	1.552	64	1370	0.193	ug/L #	74
12) 1,1-Dichloroethene	2.072	96	30157	3.808	ug/L	98
13) Acetone	2.130	43	1841	1.510	ug/L	95
16) Methylene chloride	2.452	84	2959	0.317	ug/L	89
18) trans-1,2-Dichloroethene	2.696	96	7016	0.784	ug/L	99
19) 1,1-Dichloroethane	3.114	63	60481	3.402	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	8392	0.896	ug/L	95
27) 1,2-Dichloroethane	5.072	62	1348	0.145	ug/L #	76
34) Trichloroethene	5.834	95	43245	4.397	ug/L	98
35) Methylcyclohexane	5.992	83	7764	0.466	ug/L #	18
39) cis-1,3-Dichloropropene	6.915	75	965	0.074	ug/L #	82
61) 1,2,3-Trichloropropane	11.185	75	7092	1.621	ug/L #	68

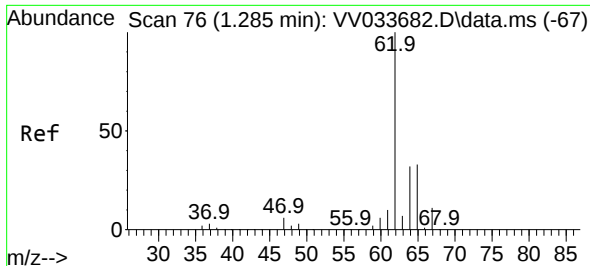
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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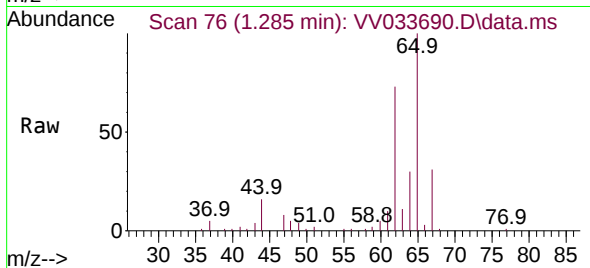
Quant Time: Jan 17 03:31:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 17 01:35:32 2024
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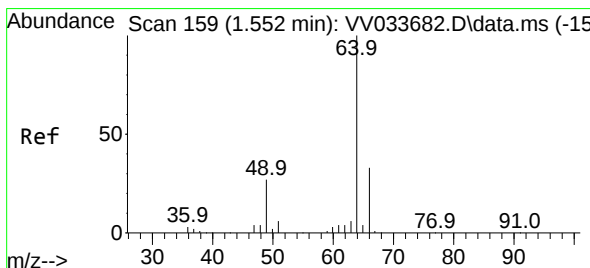
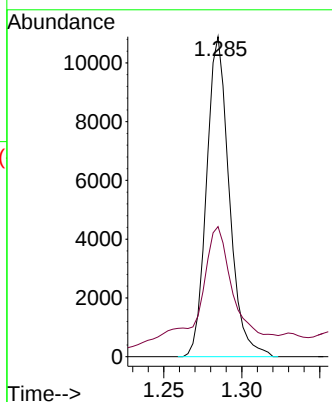
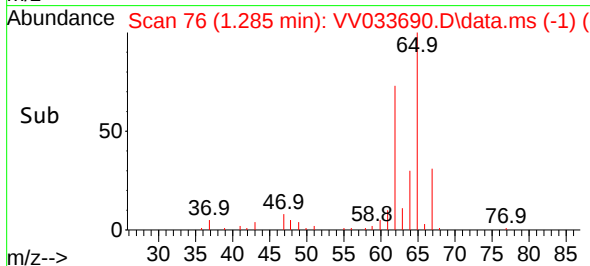


#5
 Vinyl chloride
 Concen: 0.944 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033690.D
 Acq: 16 Jan 2024 23:21

Instrument :
 MSVOA_V
 ClientSampleId :

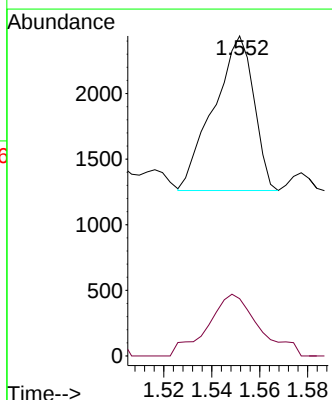
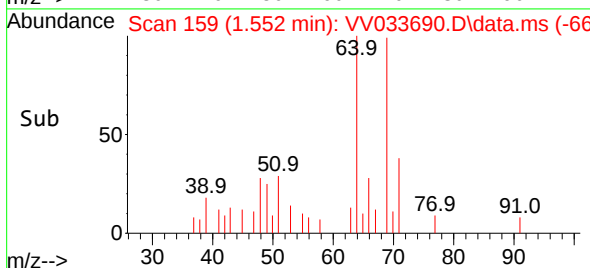
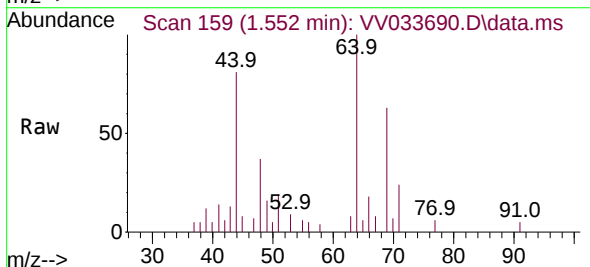


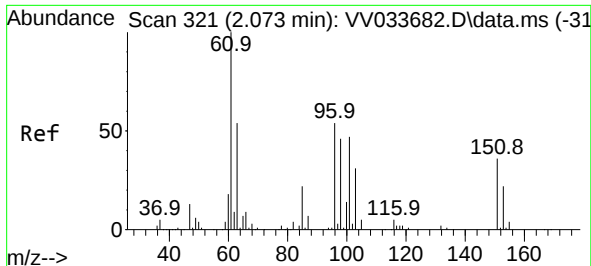
Tgt Ion: 62 Resp: 11037
 Ion Ratio Lower Upper
 62 100
 64 40.7 23.0 42.8



#8
 Chloroethane
 Concen: 0.193 ug/L
 RT: 1.552 min Scan# 159
 Delta R.T. -0.000 min
 Lab File: VV033690.D
 Acq: 16 Jan 2024 23:21

Tgt Ion: 64 Resp: 1370
 Ion Ratio Lower Upper
 64 100
 66 17.9 22.6 42.0#





#12

1,1-Dichloroethene

Concen: 3.808 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033690.D

Acq: 16 Jan 2024 23:21

Instrument :

MSVOA_V

ClientSampleId :

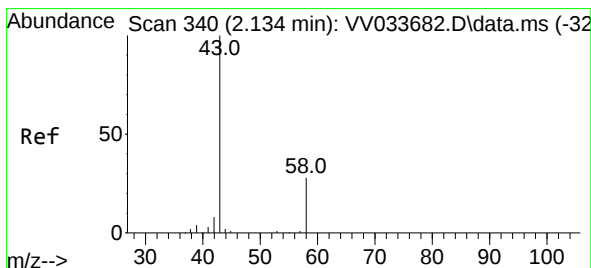
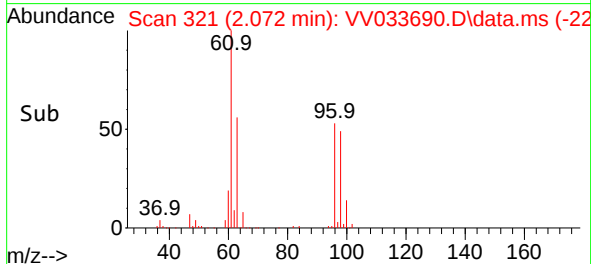
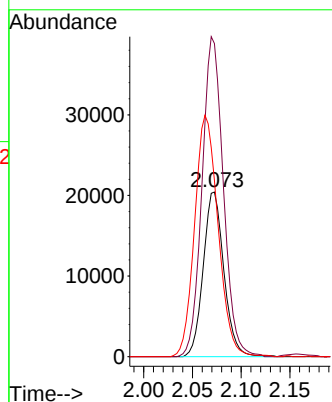
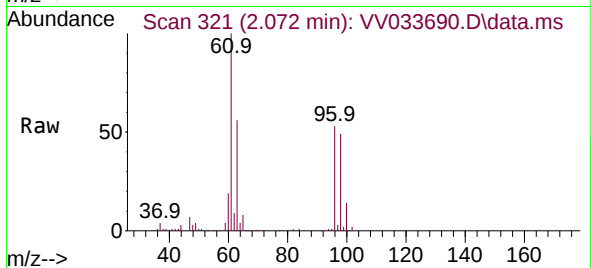
Tgt Ion: 96 Resp: 30157

Ion Ratio Lower Upper

96 100

61 190.2 133.8 248.4

63 107.0 77.2 143.4



#13

Acetone

Concen: 1.510 ug/L

RT: 2.130 min Scan# 339

Delta R.T. -0.003 min

Lab File: VV033690.D

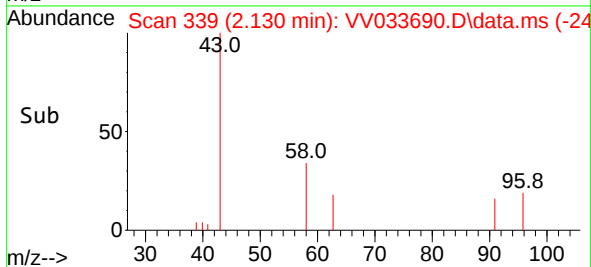
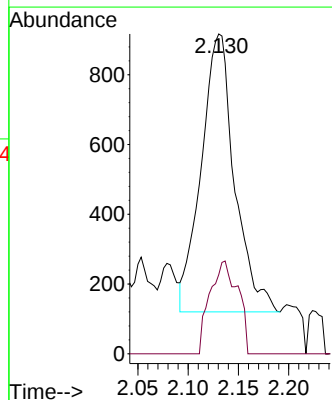
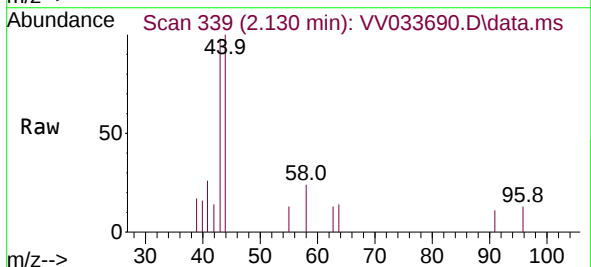
Acq: 16 Jan 2024 23:21

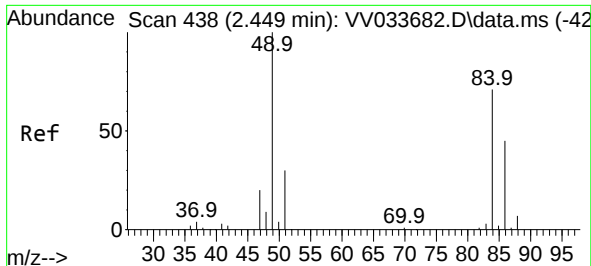
Tgt Ion: 43 Resp: 1841

Ion Ratio Lower Upper

43 100

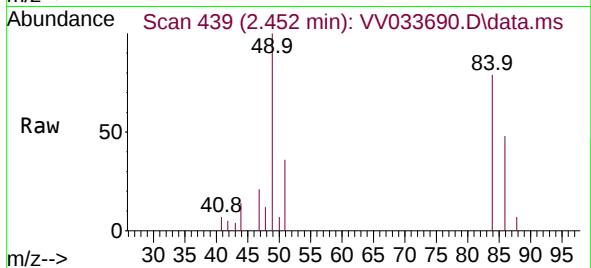
58 27.9 0.0 51.0





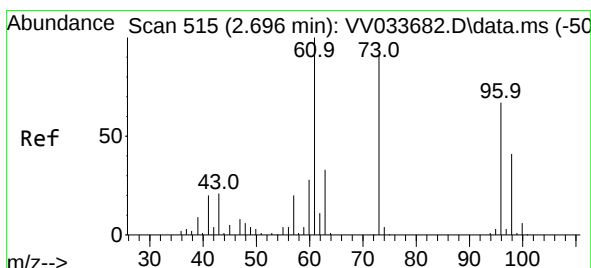
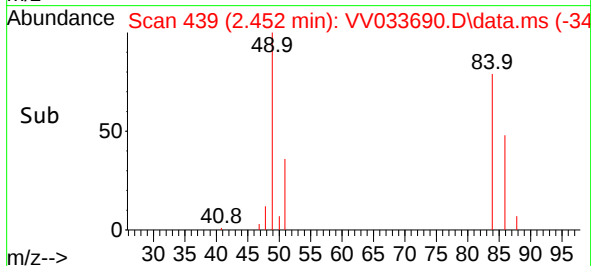
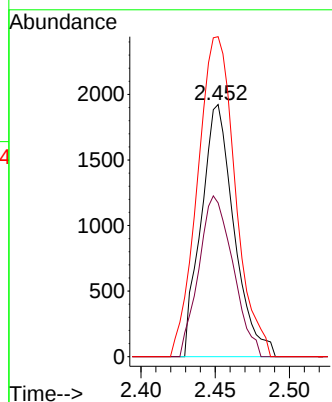
#16
Methylene chloride
Concen: 0.317 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV033690.D
Acq: 16 Jan 2024 23:21

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 2959

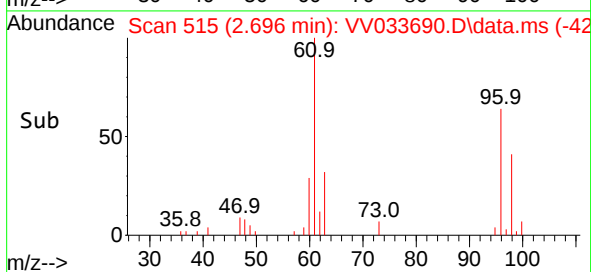
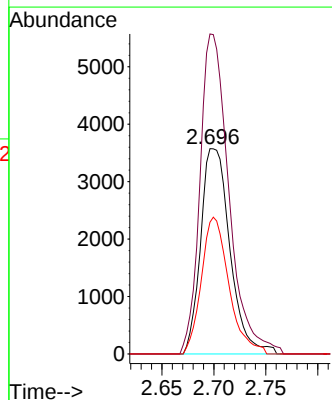
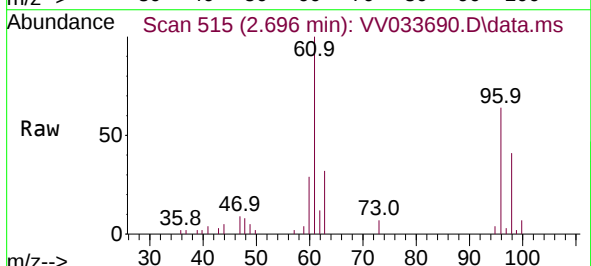
Ion	Ratio	Lower	Upper
84	100		
86	61.0	45.5	84.5
49	126.9	100.3	186.3

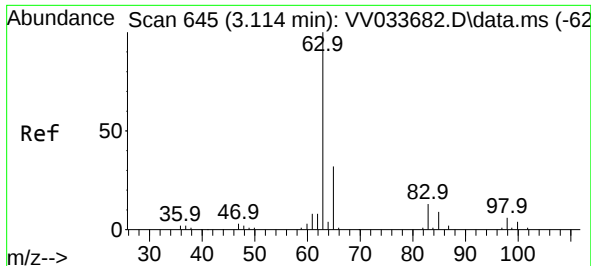


#18
trans-1,2-Dichloroethene
Concen: 0.784 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV033690.D
Acq: 16 Jan 2024 23:21

Tgt Ion: 96 Resp: 7016

Ion	Ratio	Lower	Upper
96	100		
61	155.9	110.4	205.0
98	64.1	44.1	81.9





#19

1,1-Dichloroethane

Concen: 3.402 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV033690.D

Acq: 16 Jan 2024 23:21

Instrument :

MSVOA_V

ClientSampleId :

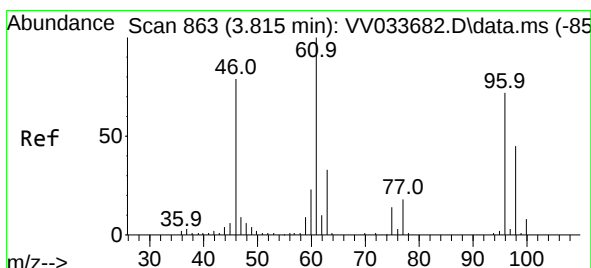
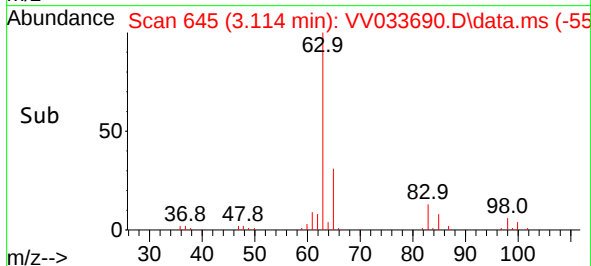
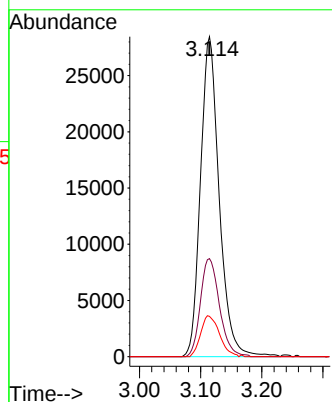
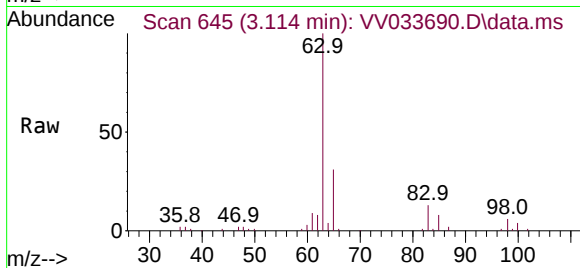
Tgt Ion: 63 Resp: 60481

Ion Ratio Lower Upper

63 100

65 30.6 21.6 40.2

83 12.6 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.896 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV033690.D

Acq: 16 Jan 2024 23:21

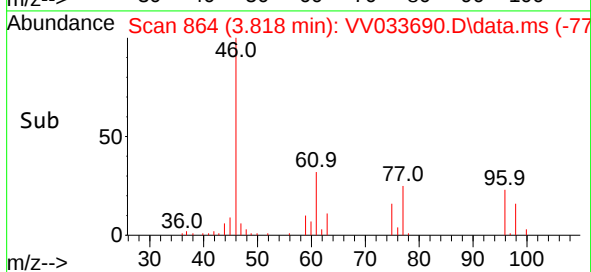
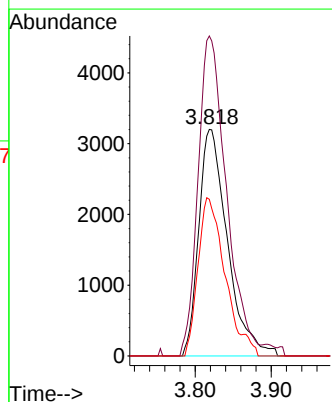
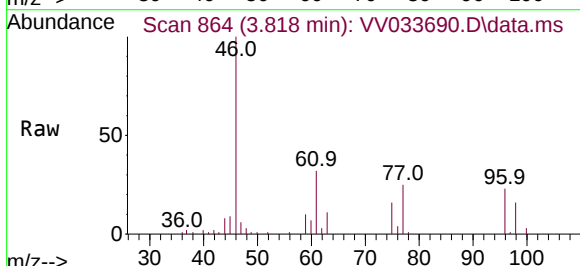
Tgt Ion: 96 Resp: 8392

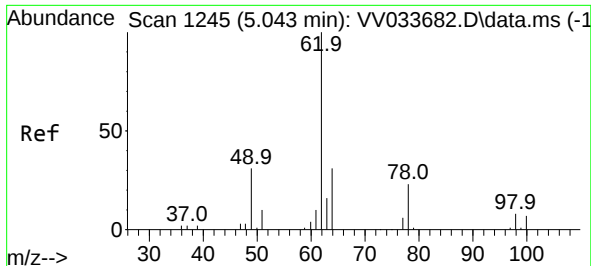
Ion Ratio Lower Upper

96 100

61 141.2 97.1 180.3

98 69.1 42.6 79.0





#27

1,2-Dichloroethane

Concen: 0.145 ug/L

RT: 5.072 min Scan# 11

Delta R.T. 0.029 min

Lab File: VV033690.D

Acq: 16 Jan 2024 23:21

Instrument :

MSVOA_V

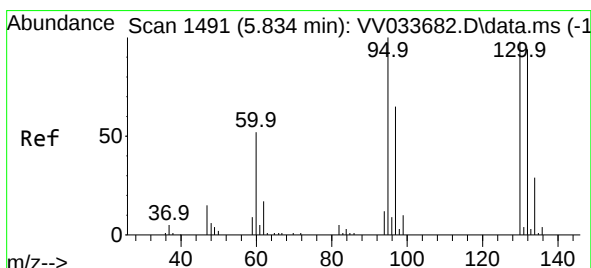
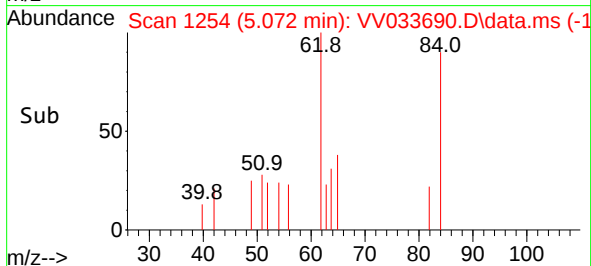
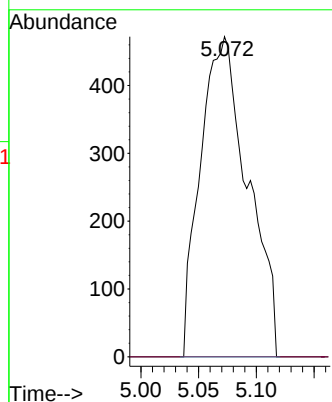
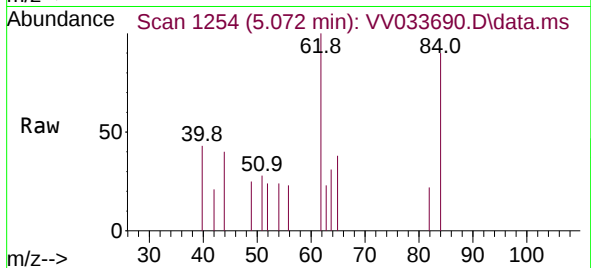
ClientSampleId :

Tgt Ion: 62 Resp: 1348

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.6#



#34

Trichloroethene

Concen: 4.397 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV033690.D

Acq: 16 Jan 2024 23:21

Tgt Ion: 95 Resp: 43245

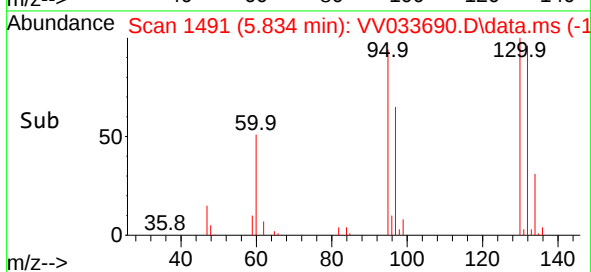
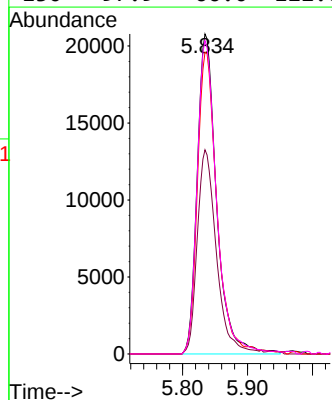
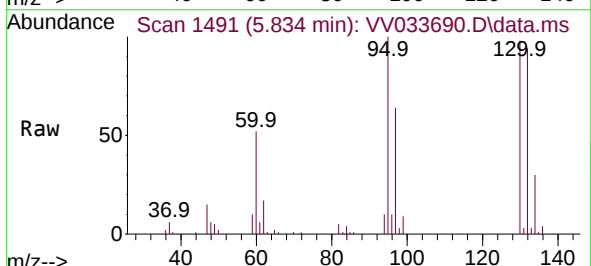
Ion Ratio Lower Upper

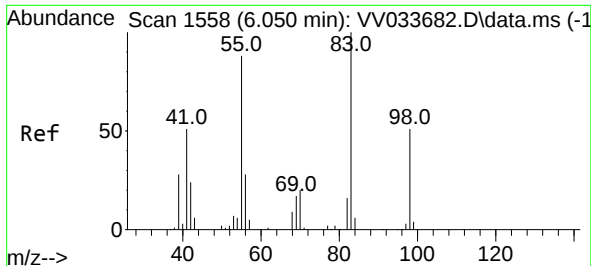
95 100

97 63.8 45.1 83.9

132 94.3 65.2 121.2

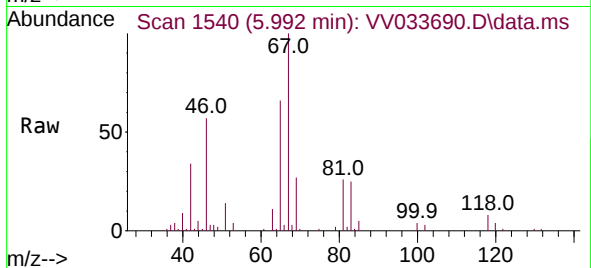
130 97.9 66.0 122.6



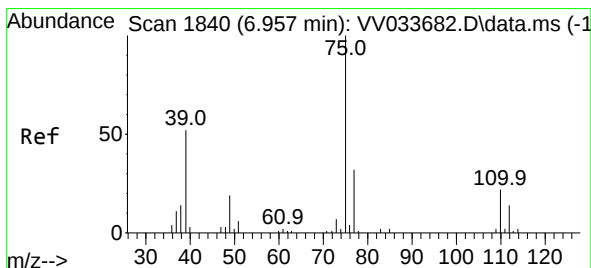
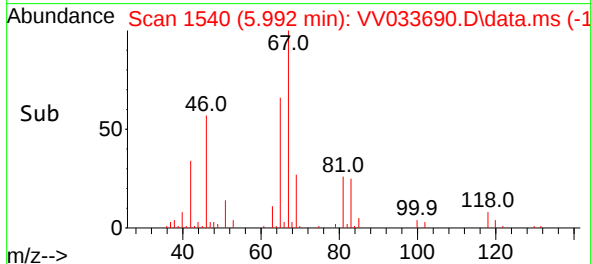
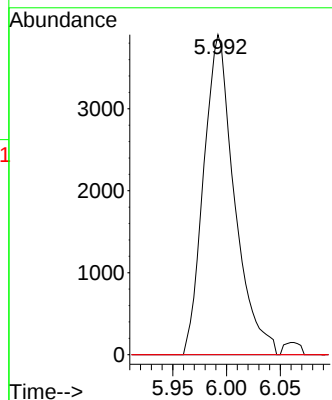


#35
Methylcyclohexane
Concen: 0.466 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV033690.D
Acq: 16 Jan 2024 23:21

Instrument :
MSVOA_V
ClientSampleId :

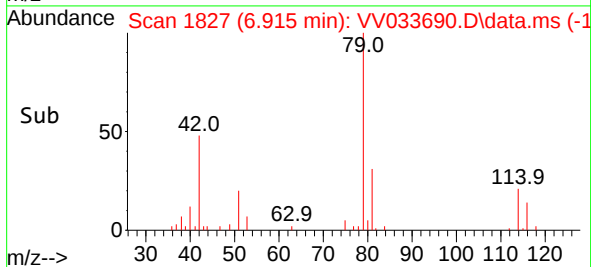
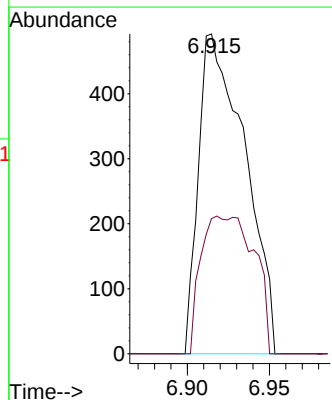
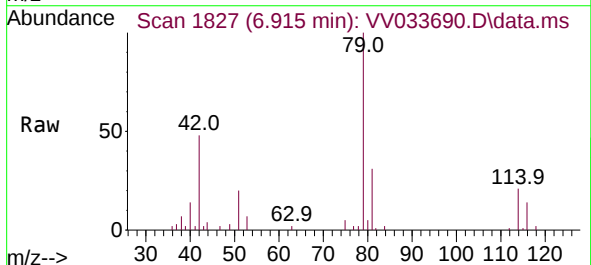


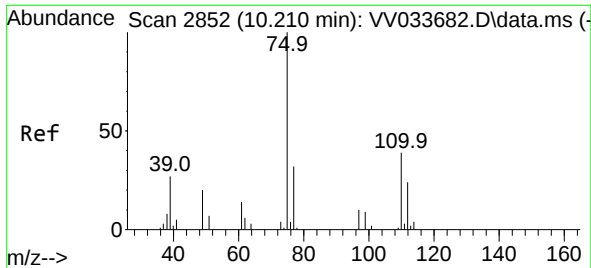
Tgt Ion: 83 Resp: 7764
Ion Ratio Lower Upper
83 100
55 0.0 68.7 103.1#
98 7.1 38.3 57.5#



#39
cis-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 6.915 min Scan# 1827
Delta R.T. -0.042 min
Lab File: VV033690.D
Acq: 16 Jan 2024 23:21

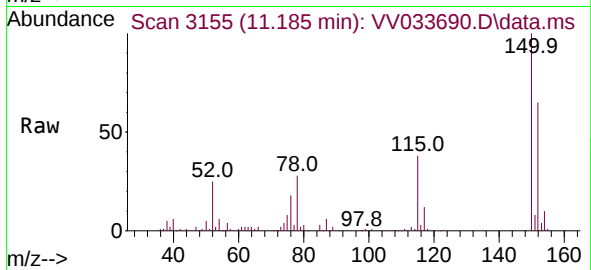
Tgt Ion: 75 Resp: 965
Ion Ratio Lower Upper
75 100
77 42.3 22.5 41.7#





#61
1,2,3-Trichloropropane
Concen: 1.621 ug/L
RT: 11.185 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV033690.D
Acq: 16 Jan 2024 23:21

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 7092
Ion Ratio Lower Upper
75 100
77 34.5 24.7 37.1
110 2.9 28.0 42.0#

