

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011724\
 Data File : VW033716.D
 Acq On : 17 Jan 2024 13:43
 Operator : SY/MD
 Sample : P1121-06 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 18 00:05:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 00:02:20 2024
 Response via : Initial Calibration

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

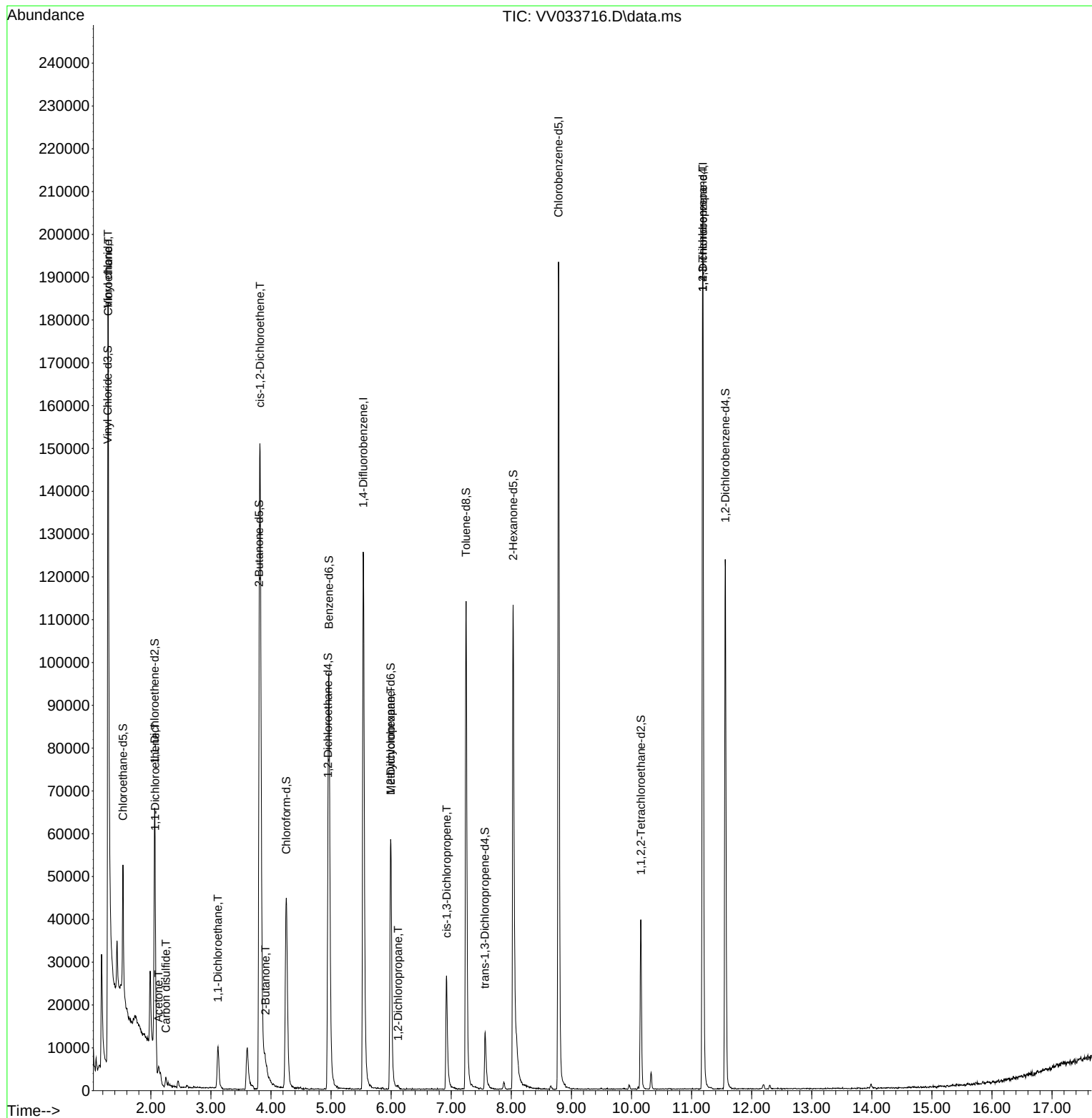
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	109116	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	103103	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	52791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	18865	3.162	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.535	69	17876	3.378	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.600%
11) 1,1-Dichloroethene-d2	2.063	65	9043	3.363	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	3.802	46	54994	37.696	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.400%
24) Chloroform-d	4.252	84	47929	3.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
26) 1,2-Dichloroethane-d4	4.947	65	23185	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
32) Benzene-d6	4.963	84	87935	3.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.600%
36) 1,2-Dichloropropane-d6	5.992	67	28604	3.449	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.000%
41) Toluene-d8	7.246	98	77324	3.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	7.561	79	9634	3.360	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.200%
46) 2-Hexanone-d5	8.030	63	42580	37.823	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.640%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19785	4.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	31592	3.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.000%#
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	44456	3.917	ug/L #	1
8) Chloroethane	1.291	64	189142	27.437	ug/L #	50
12) 1,1-Dichloroethene	2.072	96	2840	0.369	ug/L #	1
13) Acetone	2.127	43	3900	3.293	ug/L	95
14) Carbon disulfide	2.249	76	3142	0.110	ug/L #	87
19) 1,1-Dichloroethane	3.117	63	10566	0.612	ug/L	93
21) 2-Butanone	3.908	43	10043	6.109	ug/L #	74
22) cis-1,2-Dichloroethene	3.818	96	71702	7.881	ug/L	97
35) Methylcyclohexane	5.992	83	6933	0.420	ug/L #	14
37) 1,2-Dichloropropane	6.114	63	583	0.064	ug/L #	87
39) cis-1,3-Dichloropropene	6.924	75	816	0.063	ug/L #	60
61) 1,2,3-Trichloropropane	11.185	75	6679	1.578	ug/L #	63

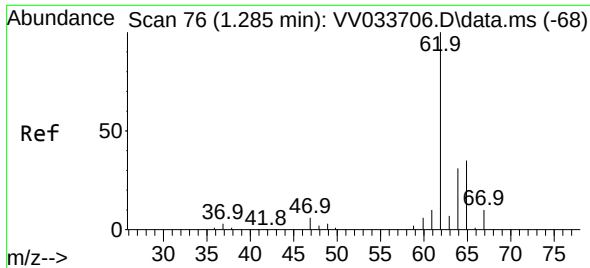
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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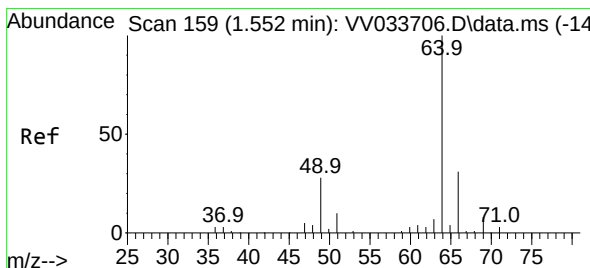
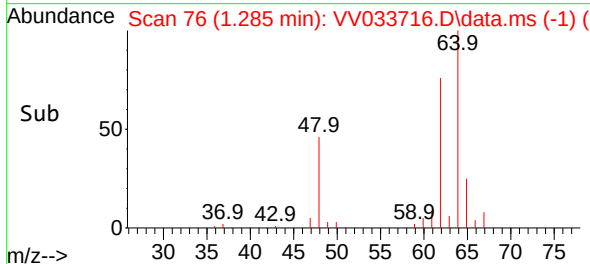
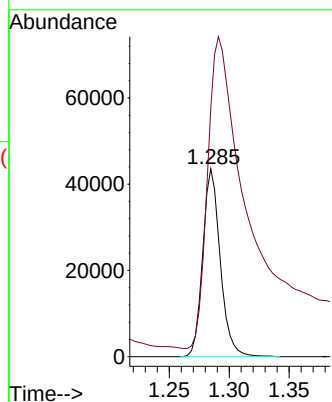
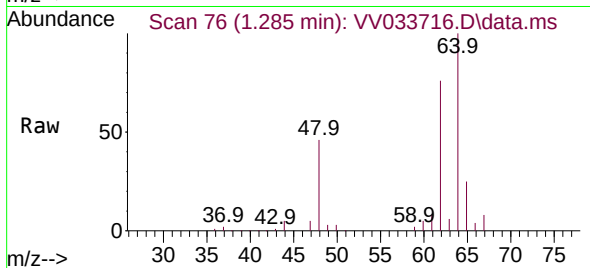




#5
Vinyl chloride
Concen: 3.917 ug/L
RT: 1.285 min Scan# 70
Delta R.T. -0.000 min
Lab File: VV033716.D
Acq: 17 Jan 2024 13:43

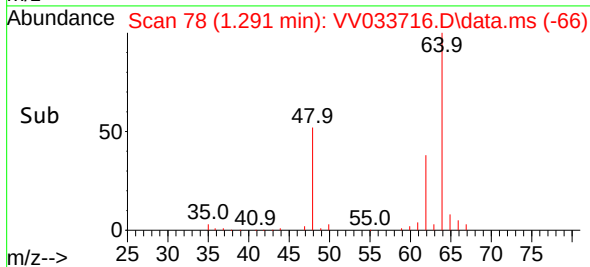
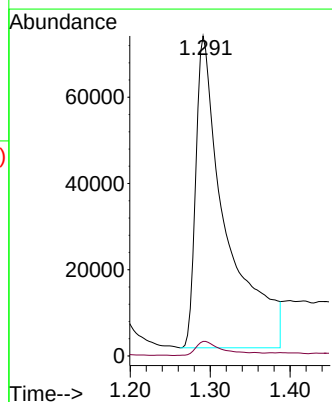
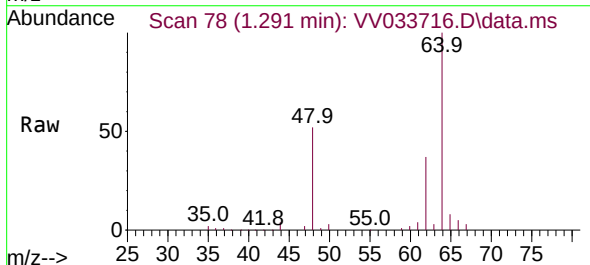
Instrument :
MSVOA_V
ClientSampleId :

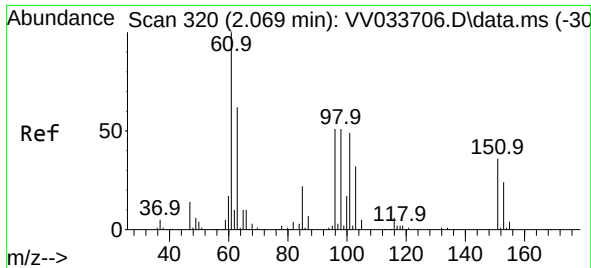
Tgt Ion: 62 Resp: 44456
Ion Ratio Lower Upper
62 100
64 132.0 23.0 42.8#



#8
Chloroethane
Concen: 27.437 ug/L
RT: 1.291 min Scan# 78
Delta R.T. -0.261 min
Lab File: VV033716.D
Acq: 17 Jan 2024 13:43

Tgt Ion: 64 Resp: 189142
Ion Ratio Lower Upper
64 100
66 4.6 22.6 42.0#





#12

1,1-Dichloroethene

Concen: 0.369 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033716.D

Acq: 17 Jan 2024 13:43

Instrument :

MSVOA_V

ClientSampleId :

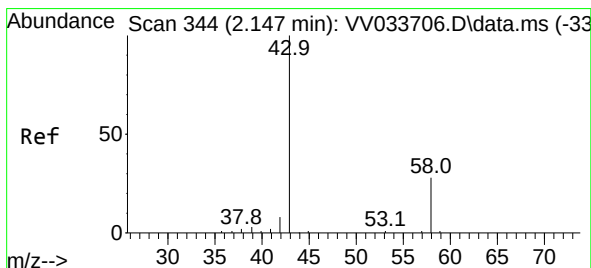
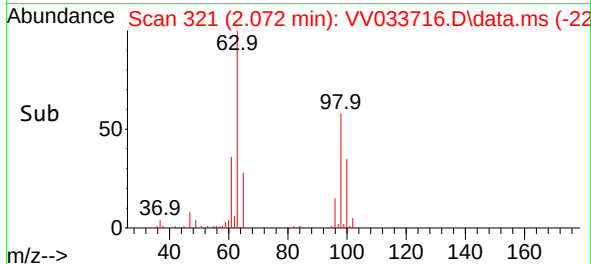
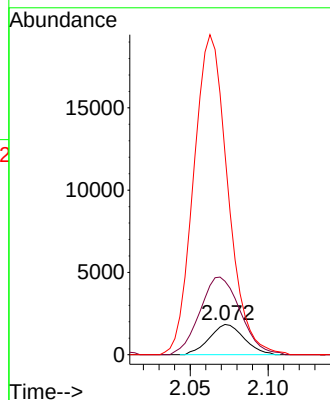
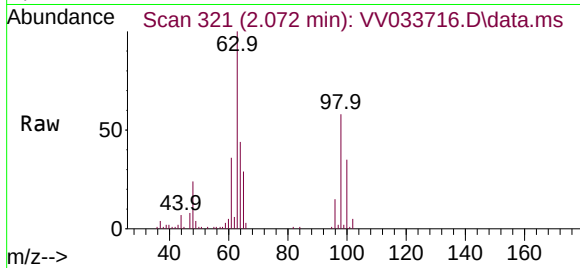
Tgt Ion: 96 Resp: 2840

Ion Ratio Lower Upper

96 100

61 243.2 133.8 248.4

63 667.1 77.2 143.4#



#13

Acetone

Concen: 3.293 ug/L

RT: 2.127 min Scan# 338

Delta R.T. -0.020 min

Lab File: VV033716.D

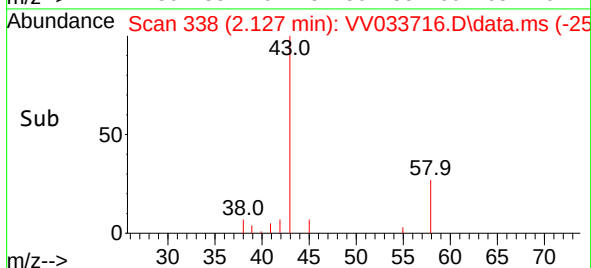
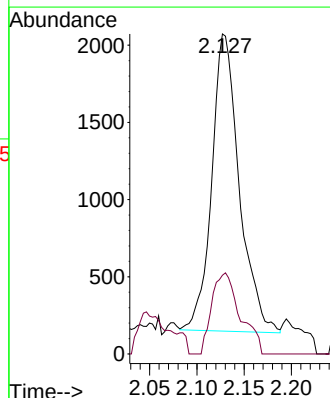
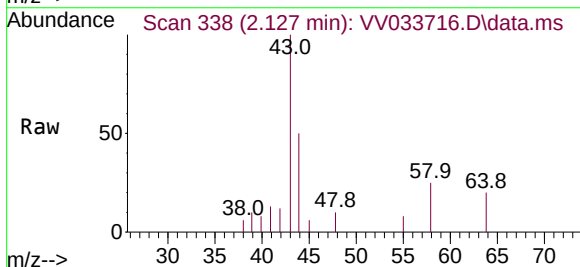
Acq: 17 Jan 2024 13:43

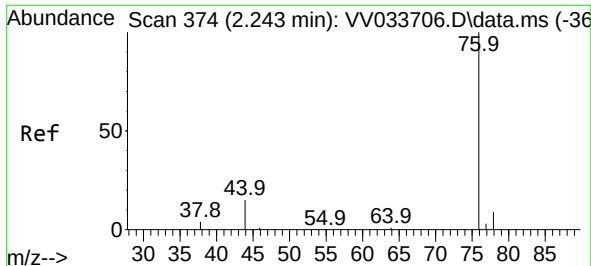
Tgt Ion: 43 Resp: 3900

Ion Ratio Lower Upper

43 100

58 28.2 0.0 51.0





#14

Carbon disulfide

Concen: 0.110 ug/L

RT: 2.249 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV033716.D

Acq: 17 Jan 2024 13:43

Instrument :

MSVOA_V

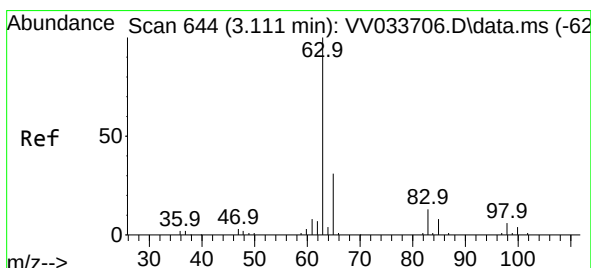
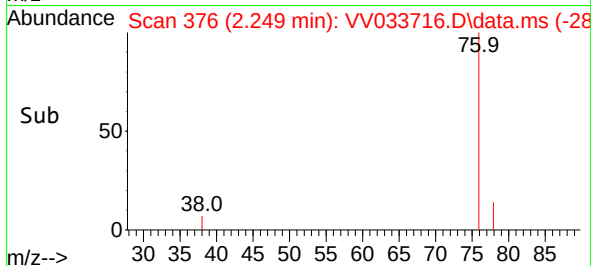
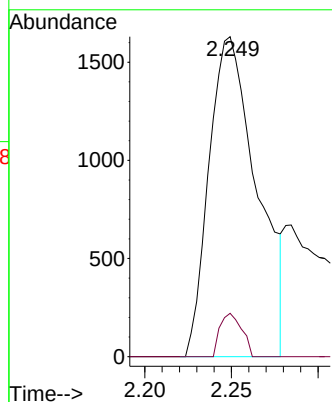
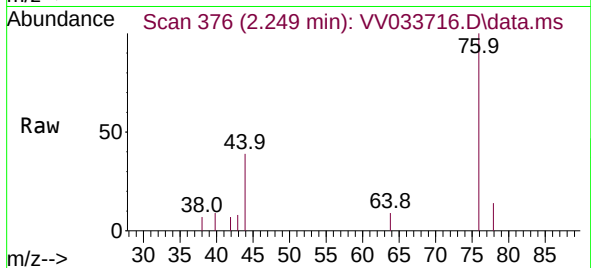
ClientSampleId :

Tgt Ion: 76 Resp: 3142

Ion Ratio Lower Upper

76 100

78 13.6 7.1 10.7#



#19

1,1-Dichloroethane

Concen: 0.612 ug/L

RT: 3.117 min Scan# 646

Delta R.T. 0.006 min

Lab File: VV033716.D

Acq: 17 Jan 2024 13:43

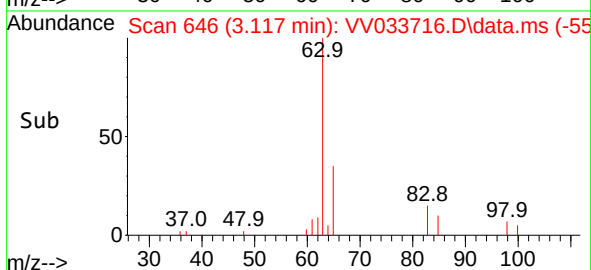
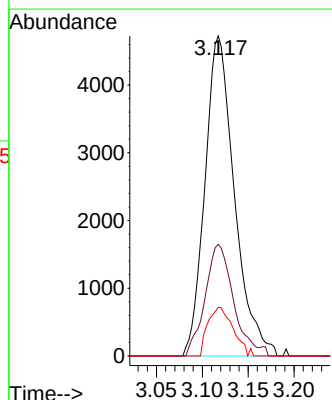
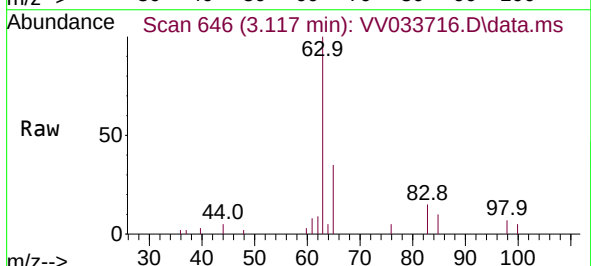
Tgt Ion: 63 Resp: 10566

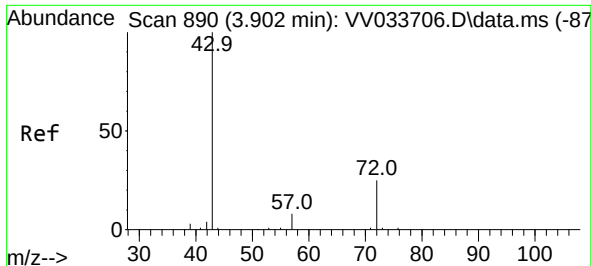
Ion Ratio Lower Upper

63 100

65 34.9 21.6 40.2

83 15.2 9.1 16.9

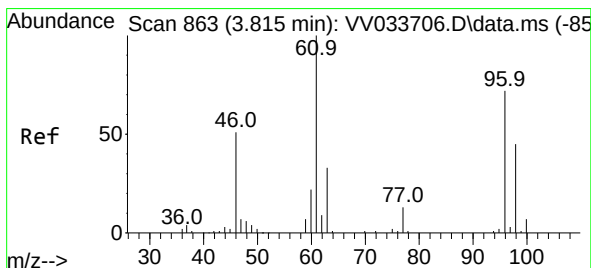
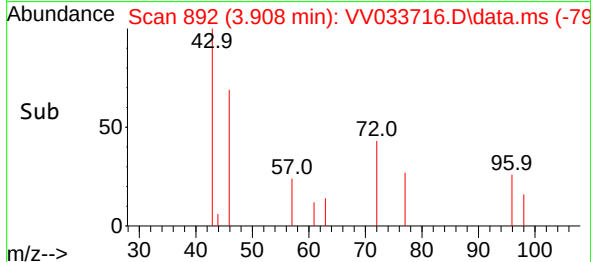
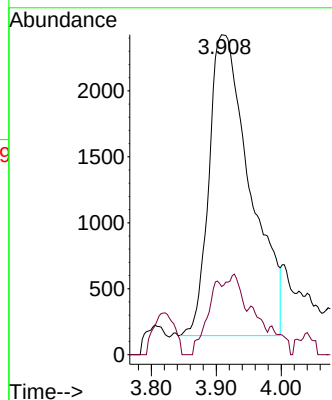
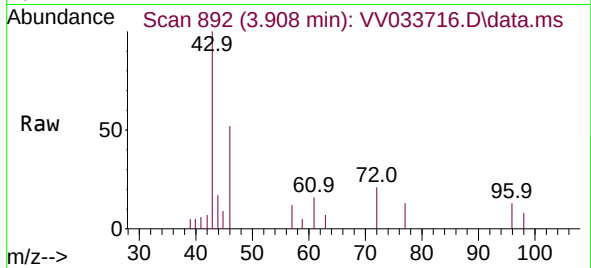




#21
2-Butanone
Concen: 6.109 ug/L
RT: 3.908 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV033716.D
Acq: 17 Jan 2024 13:43

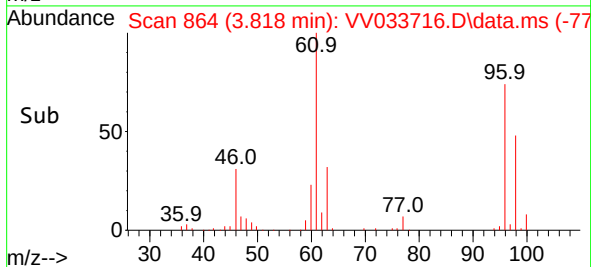
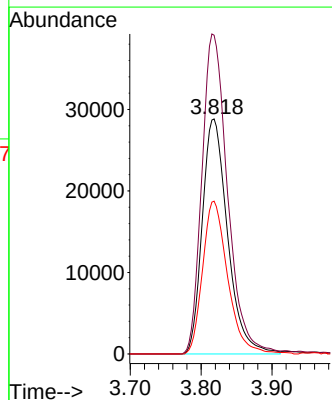
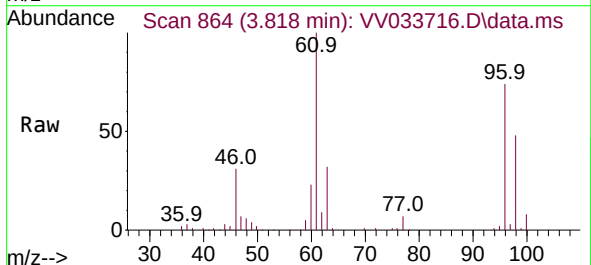
Instrument :
MSVOA_V
ClientSampleId :

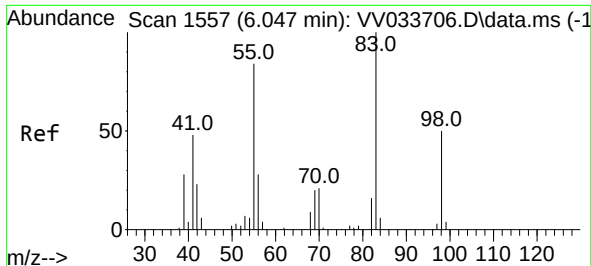
Tgt Ion: 43 Resp: 10043
Ion Ratio Lower Upper
43 100
72 8.8 10.5 31.6#



#22
cis-1,2-Dichloroethene
Concen: 7.881 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV033716.D
Acq: 17 Jan 2024 13:43

Tgt Ion: 96 Resp: 71702
Ion Ratio Lower Upper
96 100
61 135.6 97.1 180.3
98 65.0 42.6 79.0

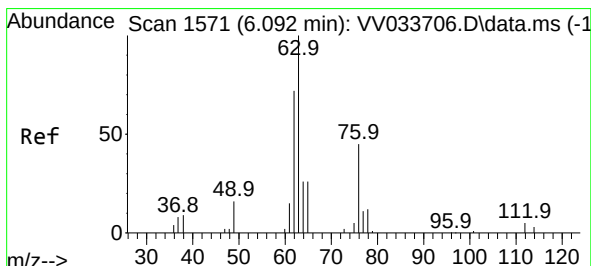
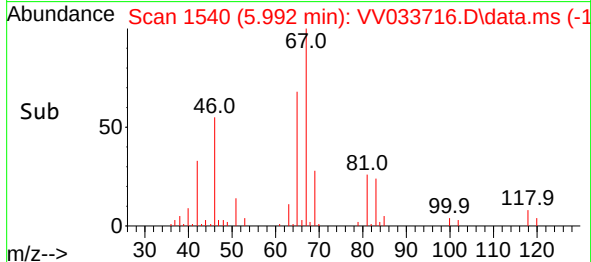
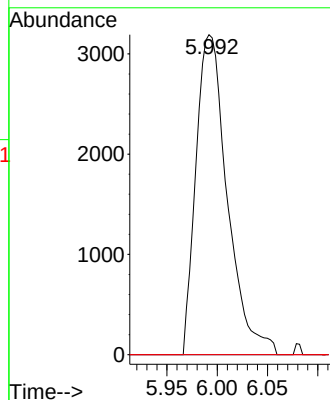
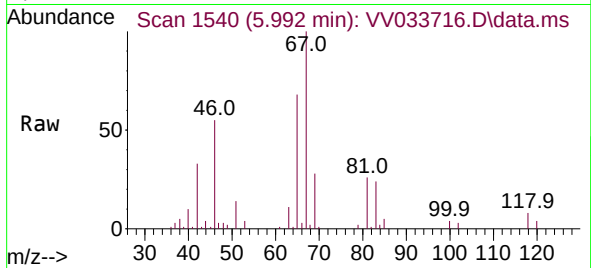




#35
Methylcyclohexane
Concen: 0.420 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV033716.D
Acq: 17 Jan 2024 13:43

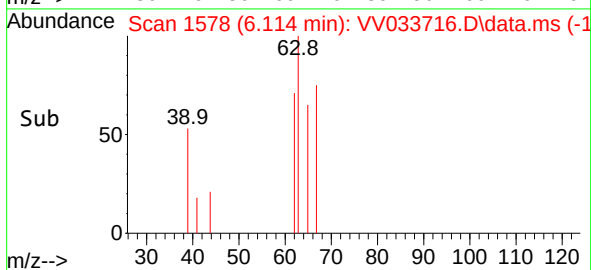
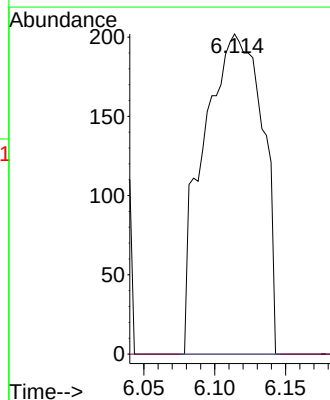
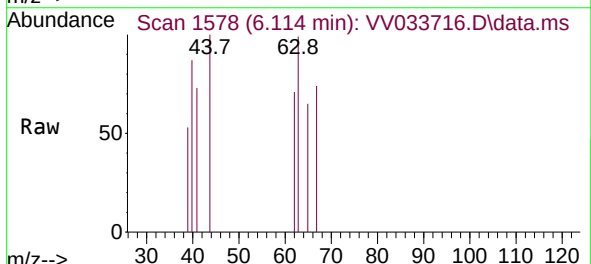
Instrument :
MSVOA_V
ClientSampleId :

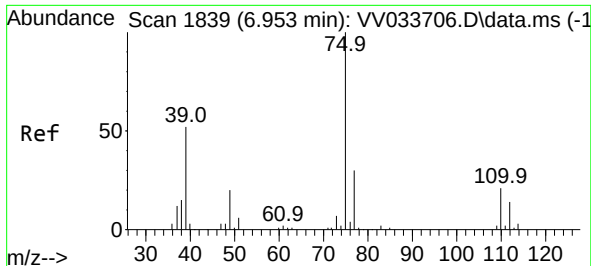
Tgt Ion: 83 Resp: 6933
Ion Ratio Lower Upper
83 100
55 0.0 68.7 103.1#
98 0.0 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.064 ug/L
RT: 6.114 min Scan# 1578
Delta R.T. 0.022 min
Lab File: VV033716.D
Acq: 17 Jan 2024 13:43

Tgt Ion: 63 Resp: 583
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.063 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV033716.D

Acq: 17 Jan 2024 13:43

Instrument :

MSVOA_V

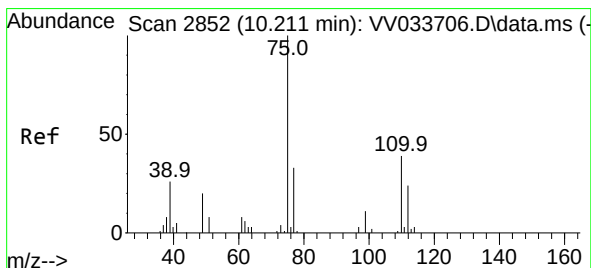
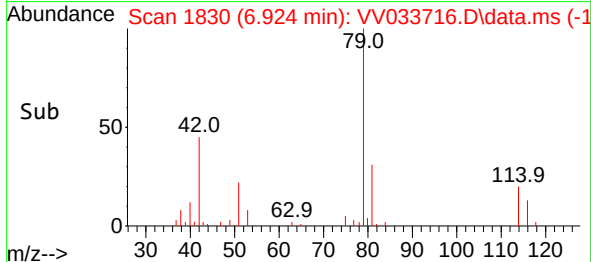
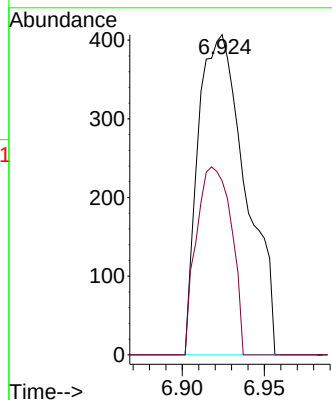
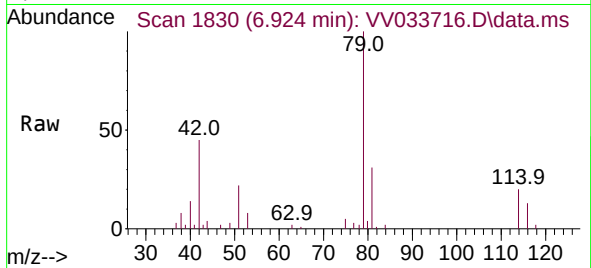
ClientSampleId :

Tgt Ion: 75 Resp: 816

Ion Ratio Lower Upper

75 100

77 54.3 22.5 41.7#



#61

1,2,3-Trichloropropane

Concen: 1.578 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033716.D

Acq: 17 Jan 2024 13:43

Tgt Ion: 75 Resp: 6679

Ion Ratio Lower Upper

75 100

77 39.2 24.7 37.1#

110 2.2 28.0 42.0#

