

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011524\
 Data File : VW033635.D
 Acq On : 15 Jan 2024 12:15
 Operator : SY/MD
 Sample : P1121-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 16 03:44:01 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)

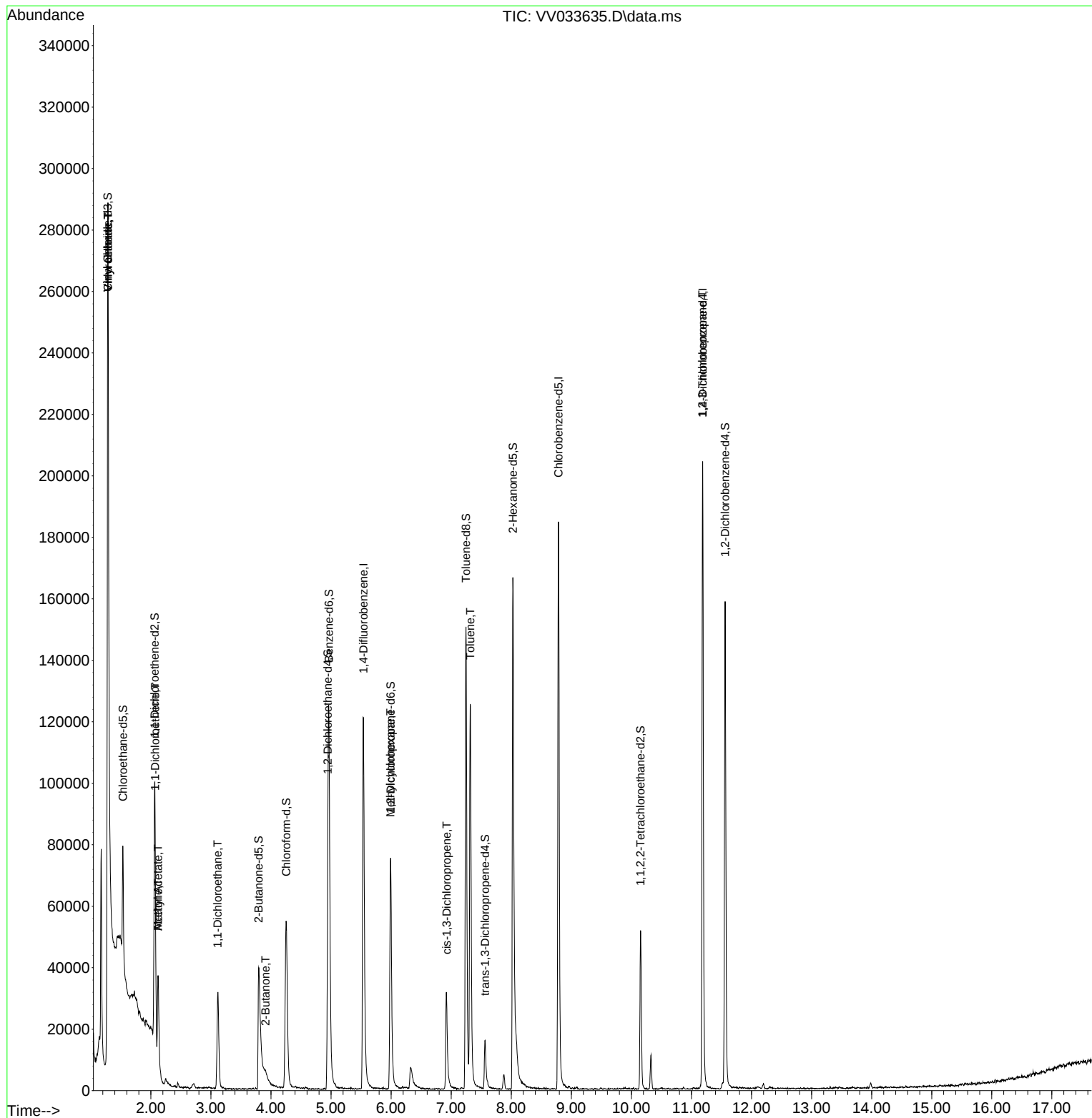
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	105348	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	100165	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51277	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	29751	5.164	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	103.200%	
7) Chloroethane-d5	1.535	69	23852	4.669	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.400%	
11) 1,1-Dichloroethene-d2	2.063	65	12689	4.888	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.800%	
20) 2-Butanone-d5	3.796	46	77602	55.096	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.200%	
24) Chloroform-d	4.252	84	59463	4.773	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
26) 1,2-Dichloroethane-d4	4.947	65	30196	5.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.200%	
32) Benzene-d6	4.963	84	113335	4.689	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	5.992	67	38146	4.734	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.600%	
41) Toluene-d8	7.246	98	100136	4.641	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	7.564	79	10961	3.935	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.600%	
46) 2-Hexanone-d5	8.027	63	60955	55.733	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.460%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	27041	5.743	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	38313	4.866	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.400%	
Target Compounds						
5) Vinyl chloride	1.285	62	1154	0.105	ug/L #	1
8) Chloroethane	1.285	64	351853	52.865	ug/L #	51
12) 1,1-Dichloroethene	2.072	96	8054	1.085	ug/L #	11
13) Acetone	2.121	43	38434	33.613	ug/L	94
15) Methyl Acetate	2.121	43	36882	13.495	ug/L #	56
19) 1,1-Dichloroethane	3.114	63	32820	1.969	ug/L	99
21) 2-Butanone	3.908	43	10858	6.841	ug/L #	77
35) Methylcyclohexane	5.989	83	8878	0.554	ug/L #	16
39) cis-1,3-Dichloropropene	6.924	75	849	0.067	ug/L #	76
42) Toluene	7.317	91	91981	2.446	ug/L	99
61) 1,2,3-Trichloropropane	11.185	75	7064	1.719	ug/L #	64

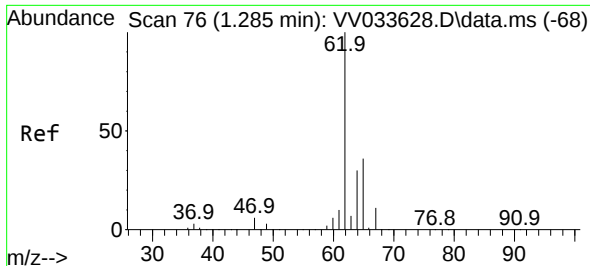
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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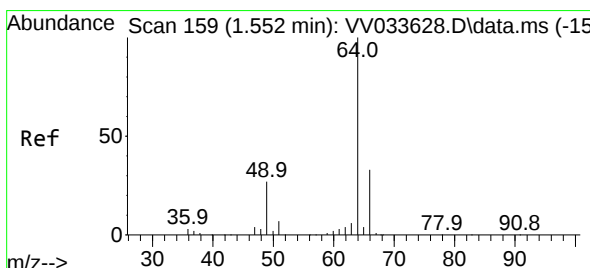
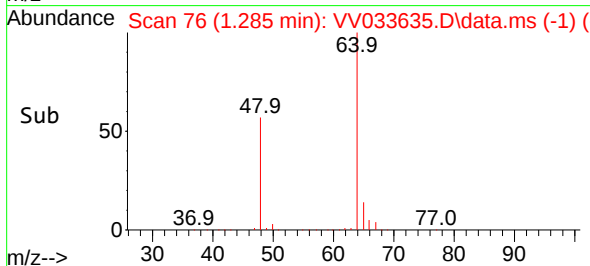
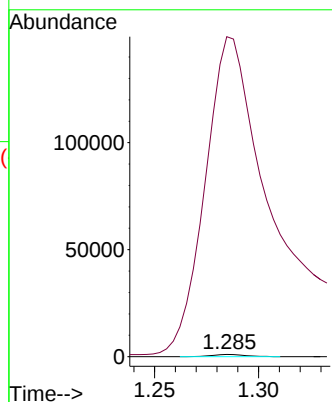
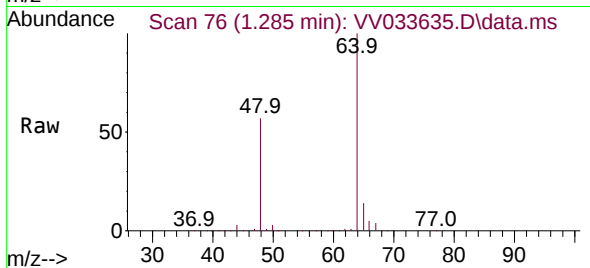
#5
 Vinyl chloride
 Concen: 0.105 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033635.D
 Acq: 15 Jan 2024 12:15

Instrument :

MSVOA_V

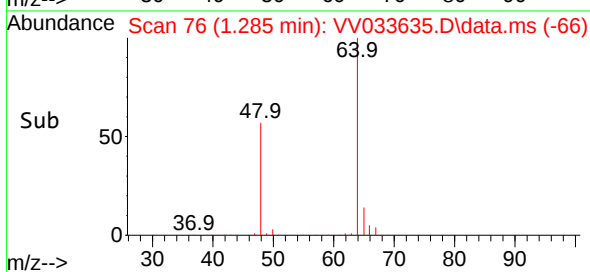
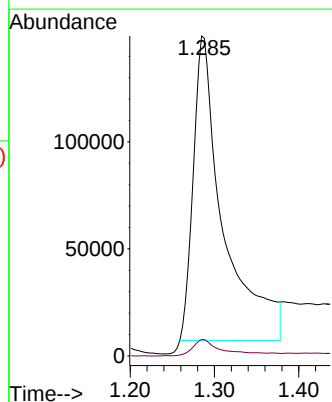
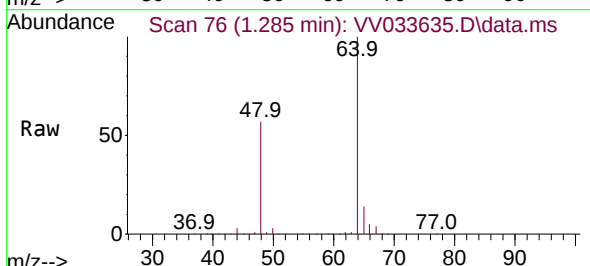
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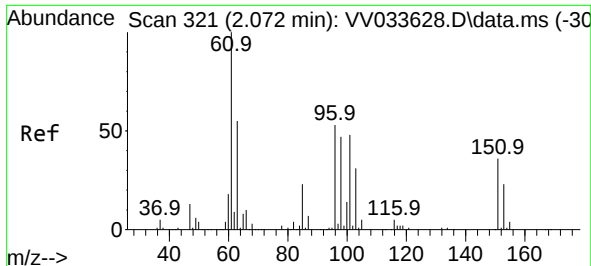
Tgt Ion: 62 Resp: 1154
 Ion Ratio Lower Upper
 62 100
 64 14024.8 23.0 42.8#



#8
 Chloroethane
 Concen: 52.865 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.267 min
 Lab File: VV033635.D
 Acq: 15 Jan 2024 12:15

Tgt Ion: 64 Resp: 351853
 Ion Ratio Lower Upper
 64 100
 66 5.1 22.6 42.0#





#12

1,1-Dichloroethene

Concen: 1.085 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033635.D

Acq: 15 Jan 2024 12:15

Instrument :

MSVOA_V

ClientSampleId :

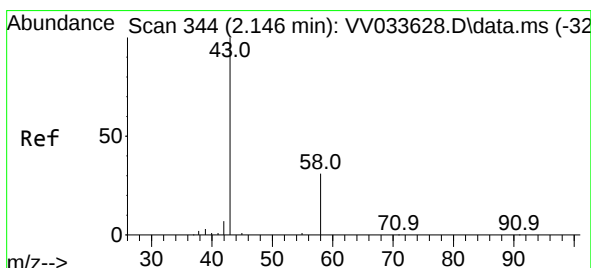
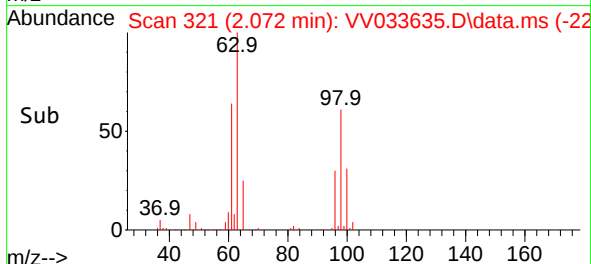
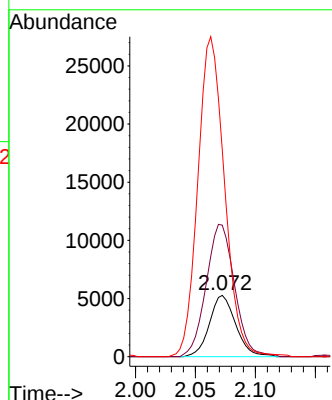
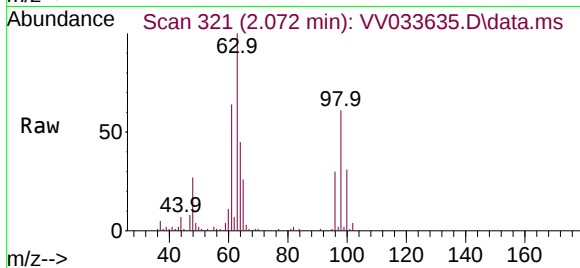
Tgt Ion: 96 Resp: 8054

Ion Ratio Lower Upper

96 100

61 214.5 133.8 248.4

63 337.2 77.2 143.4#



#13

Acetone

Concen: 33.613 ug/L

RT: 2.121 min Scan# 336

Delta R.T. -0.026 min

Lab File: VV033635.D

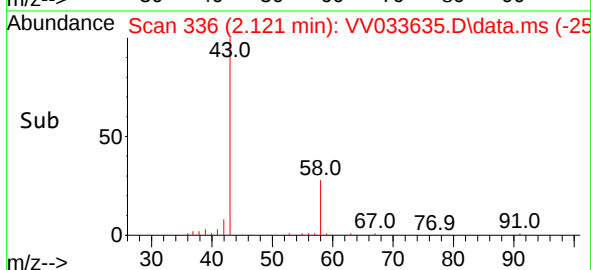
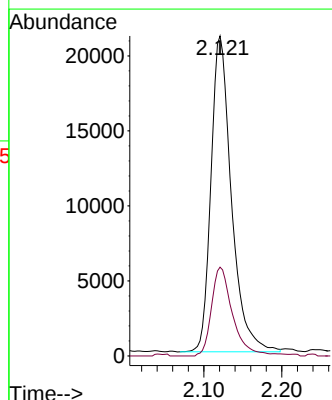
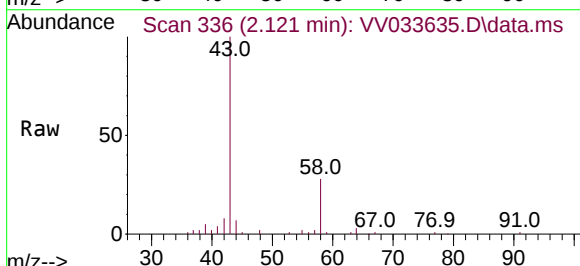
Acq: 15 Jan 2024 12:15

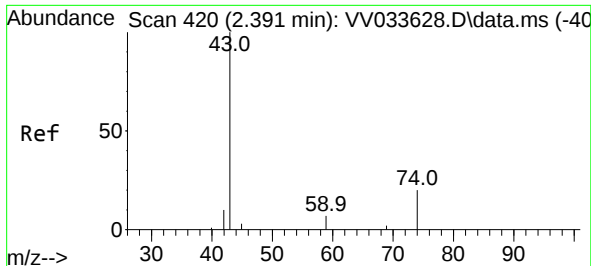
Tgt Ion: 43 Resp: 38434

Ion Ratio Lower Upper

43 100

58 28.7 0.0 51.0

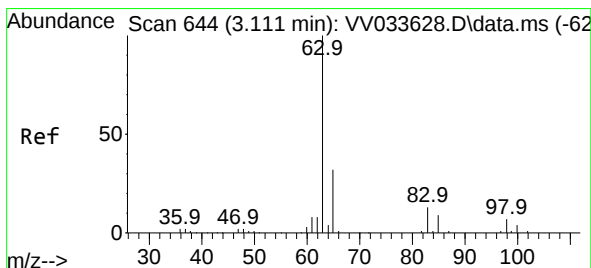
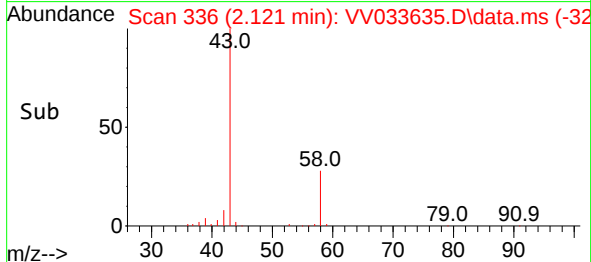
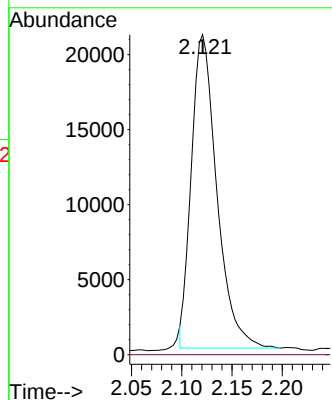
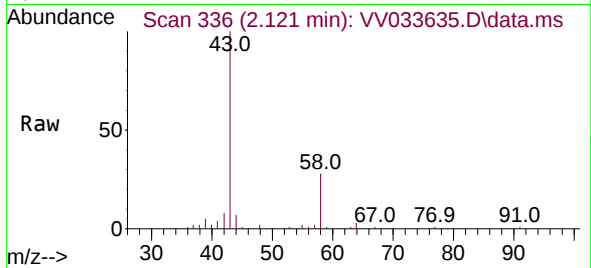




#15
Methyl Acetate
Concen: 13.495 ug/L
RT: 2.121 min Scan# 31
Delta R.T. -0.270 min
Lab File: VV033635.D
Acq: 15 Jan 2024 12:15

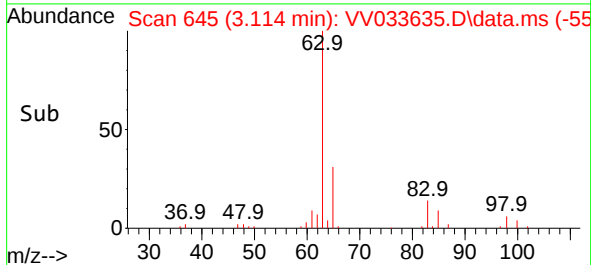
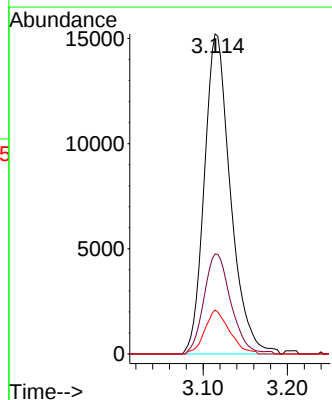
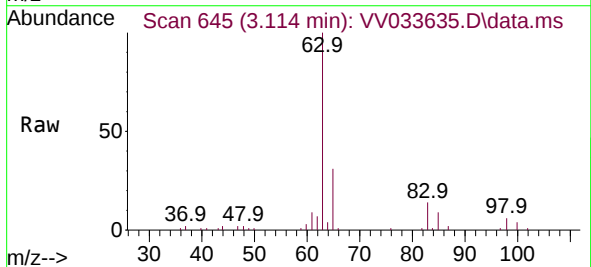
Instrument :
MSVOA_V
ClientSampleId :

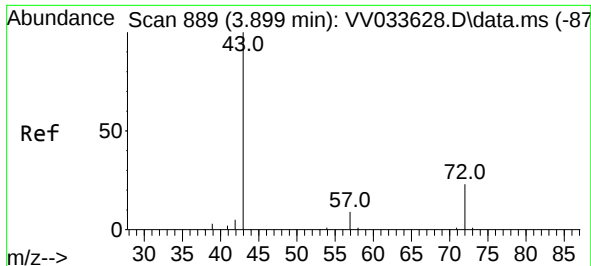
Tgt Ion: 43 Resp: 36882
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#19
1,1-Dichloroethane
Concen: 1.969 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV033635.D
Acq: 15 Jan 2024 12:15

Tgt Ion: 63 Resp: 32820
Ion Ratio Lower Upper
63 100
65 31.2 21.6 40.2
83 13.7 9.1 16.9

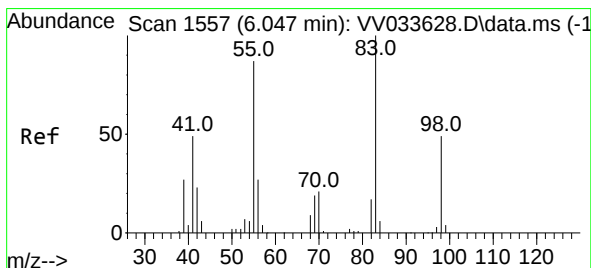
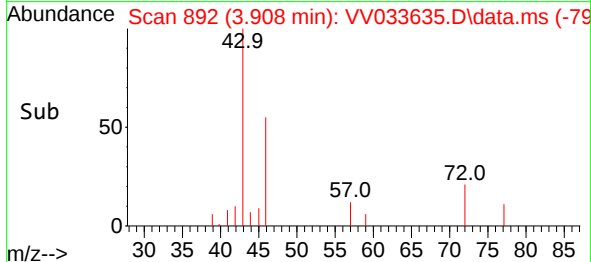
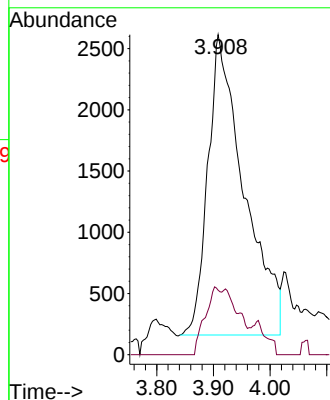
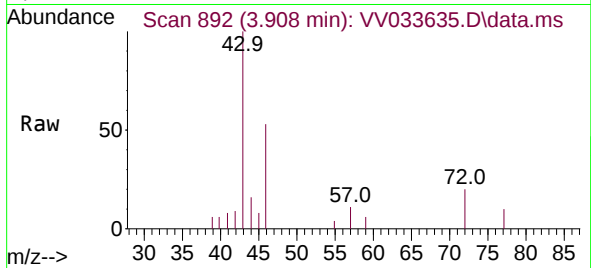




#21
2-Butanone
Concen: 6.841 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.010 min
Lab File: VV033635.D
Acq: 15 Jan 2024 12:15

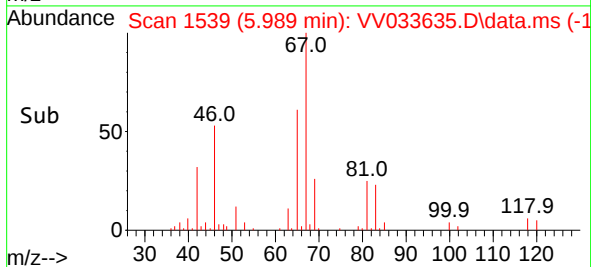
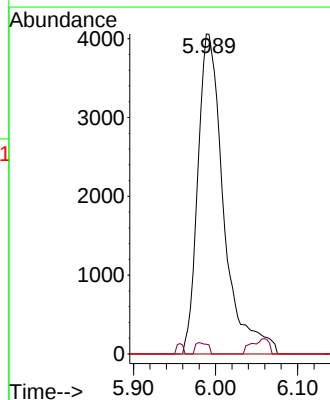
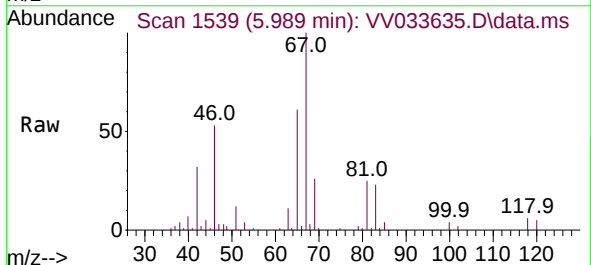
Instrument :
MSVOA_V
ClientSampleId :

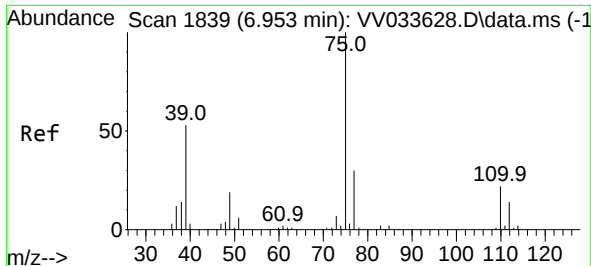
Tgt Ion: 43 Resp: 10858
Ion Ratio Lower Upper
43 100
72 10.1 10.5 31.6#



#35
Methylcyclohexane
Concen: 0.554 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV033635.D
Acq: 15 Jan 2024 12:15

Tgt Ion: 83 Resp: 8878
Ion Ratio Lower Upper
83 100
55 1.7 68.7 103.1#
98 0.0 38.3 57.5#





#39

cis-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 6.924 min Scan# 1830

Delta R.T. -0.029 min

Lab File: VV033635.D

Acq: 15 Jan 2024 12:15

Instrument :

MSVOA_V

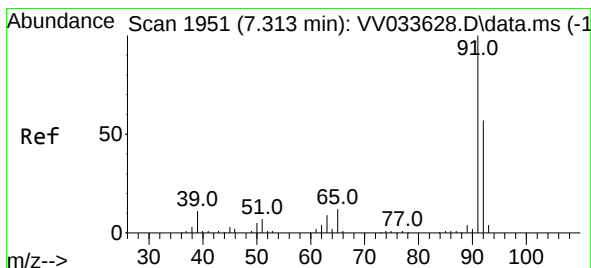
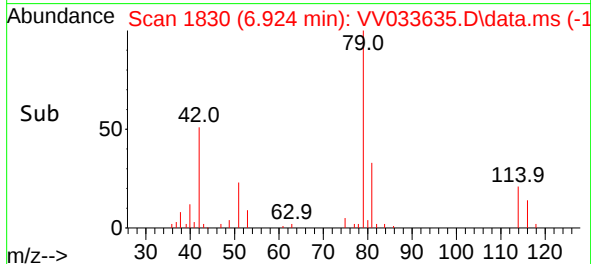
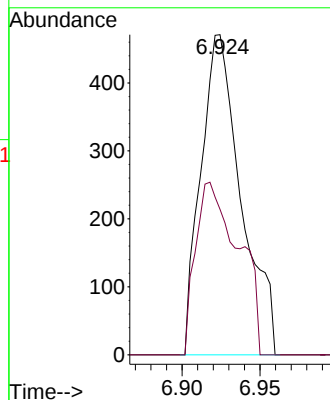
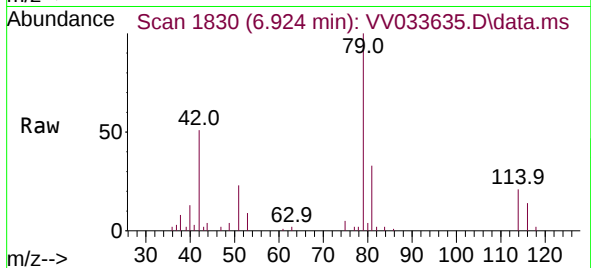
ClientSampleId :

Tgt Ion: 75 Resp: 849

Ion Ratio Lower Upper

75 100

77 45.4 22.5 41.7#



#42

Toluene

Concen: 2.446 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV033635.D

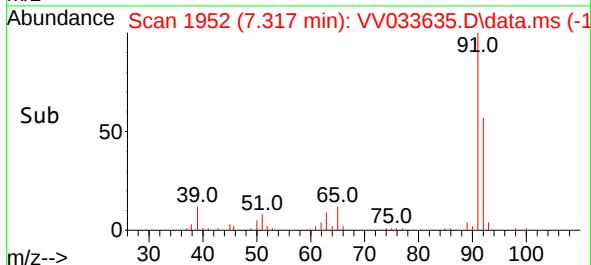
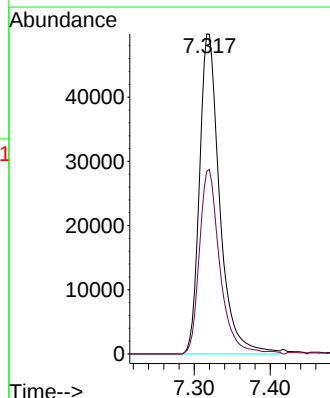
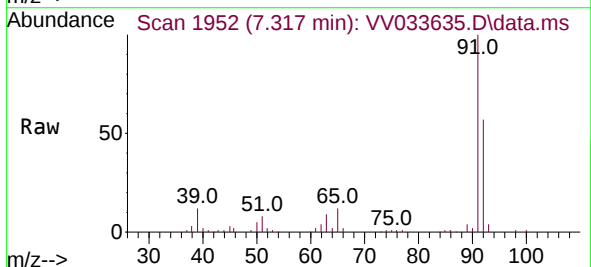
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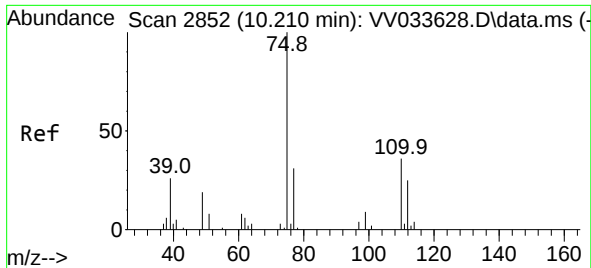
Tgt Ion: 91 Resp: 91981

Ion Ratio Lower Upper

91 100

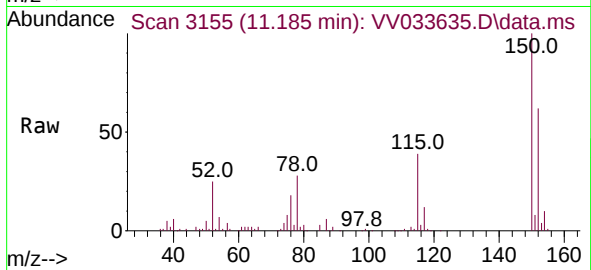
92 57.1 40.5 75.3





#61
1,2,3-Trichloropropane
Concen: 1.719 ug/L
RT: 11.185 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV033635.D
Acq: 15 Jan 2024 12:15

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.6	24.7	37.1
110	1.3	28.0	42.0

