

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011524\
 Data File : VW033640.D
 Acq On : 15 Jan 2024 14:13
 Operator : SY/MD
 Sample : P1121-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 16 03:45:22 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

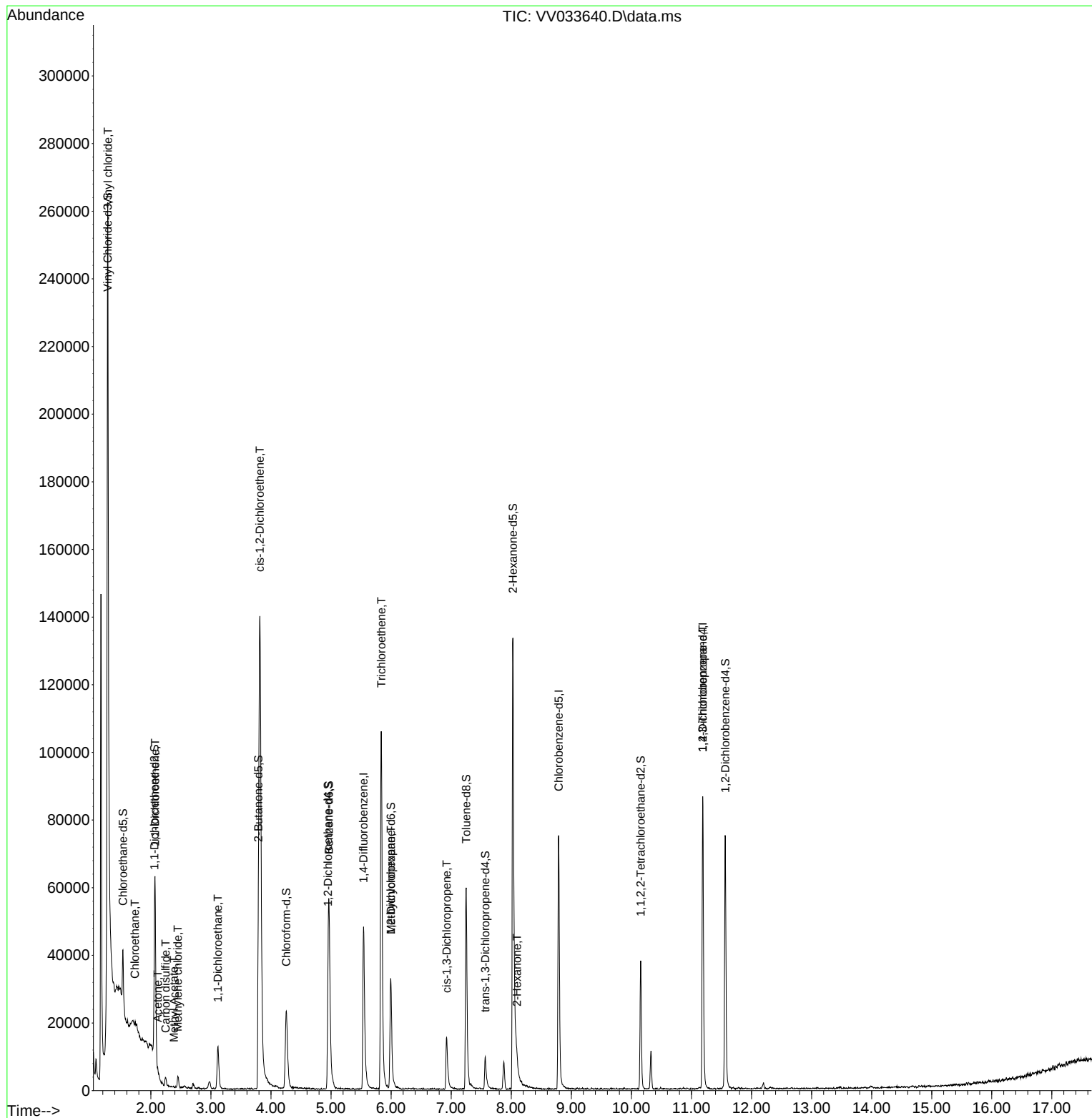
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	44045	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	42027	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	21825	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	14832	6.158	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 123.200%		
7) Chloroethane-d5	1.535	69	10264	4.805	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 96.200%		
11) 1,1-Dichloroethene-d2	2.060	65	5846	5.386	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 107.800%		
20) 2-Butanone-d5	3.789	46	66258	112.516	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	= 225.040%#		
24) Chloroform-d	4.256	84	25741	4.942	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.800%		
26) 1,2-Dichloroethane-d4	4.950	65	16711	7.156	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 143.200%#		
32) Benzene-d6	4.963	84	47677	4.702	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.000%		
36) 1,2-Dichloropropane-d6	5.995	67	17524	5.183	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 103.600%		
41) Toluene-d8	7.249	98	41972	4.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 92.800%		
43) trans-1,3-Dichloroprop...	7.567	79	6663	5.701	ug/L	0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	= 114.000%		
46) 2-Hexanone-d5	8.027	63	48877	106.510	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 213.020%#		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19020	9.628	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 192.600%#		
66) 1,2-Dichlorobenzene-d4	11.564	152	18694	5.579	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 111.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	6623	1.446	ug/L #	1
8) Chloroethane	1.732	64	11148	4.006	ug/L #	53
12) 1,1-Dichloroethene	2.072	96	8988	2.895	ug/L #	79
13) Acetone	2.114	43	2704	5.656	ug/L	90
14) Carbon disulfide	2.246	76	3547	0.309	ug/L #	93
15) Methyl Acetate	2.384	43	402	0.352	ug/L #	56
16) Methylene chloride	2.449	84	1462	0.399	ug/L	92
19) 1,1-Dichloroethane	3.117	63	13974	2.005	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	68937	18.772	ug/L	99
34) Trichloroethene	5.838	95	38998	9.818	ug/L	96
35) Methylcyclohexane	5.995	83	4275	0.636	ug/L #	15
39) cis-1,3-Dichloropropene	6.924	75	360	0.068	ug/L #	18
48) 2-Hexanone	8.095	43	6007	4.814	ug/L #	86
61) 1,2,3-Trichloropropane	11.188	75	3146	1.798	ug/L #	67

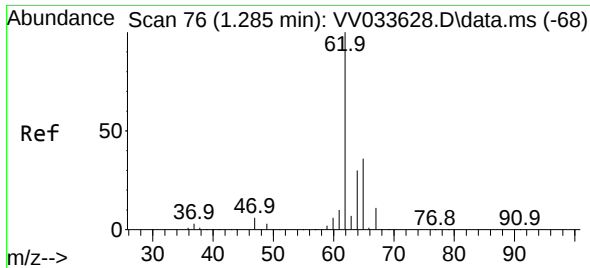
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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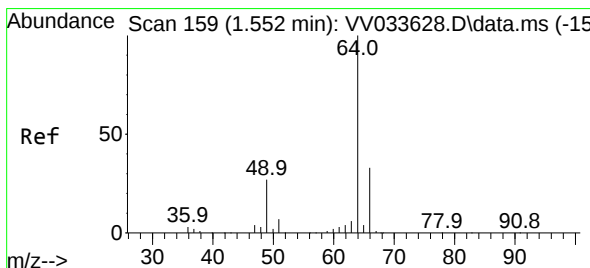
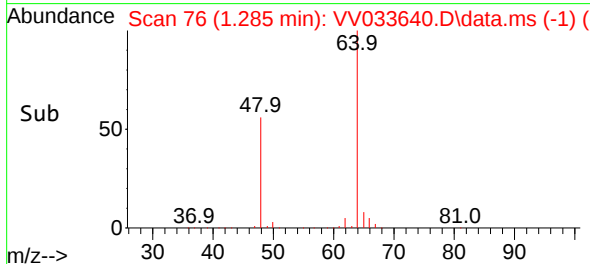
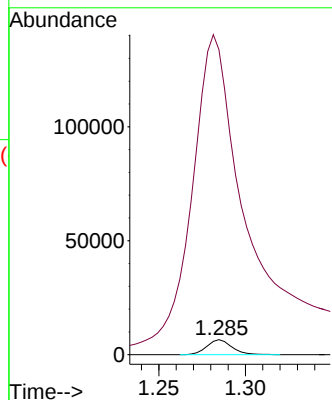
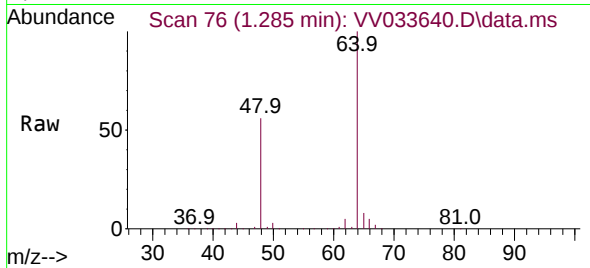




#5
 Vinyl chloride
 Concen: 1.446 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV033640.D
 Acq: 15 Jan 2024 14:13

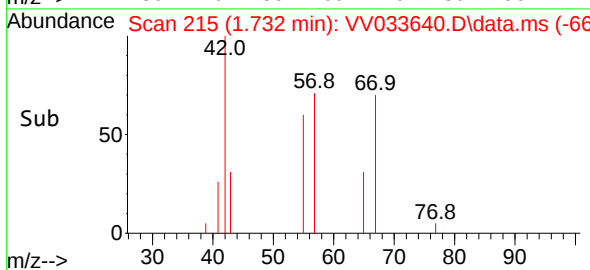
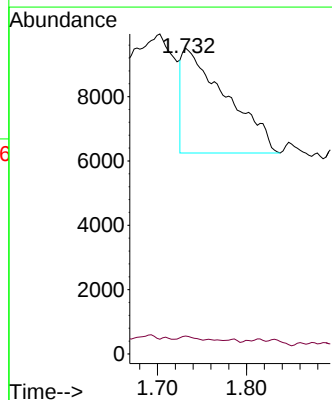
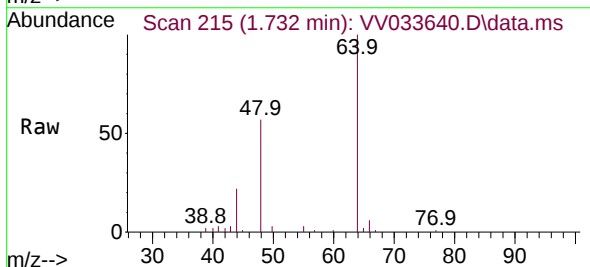
Instrument :
 MSVOA_V
 ClientSampleId :

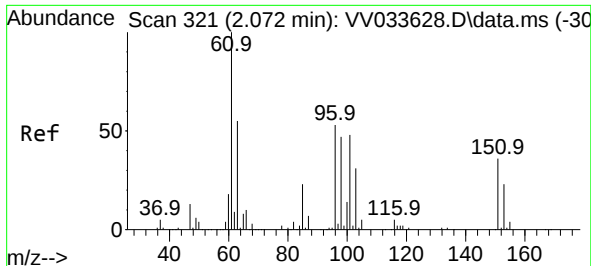
Tgt Ion: 62 Resp: 6623
 Ion Ratio Lower Upper
 62 100
 64 2027.1 23.0 42.8#



#8
 Chloroethane
 Concen: 4.006 ug/L
 RT: 1.732 min Scan# 215
 Delta R.T. 0.180 min
 Lab File: VV033640.D
 Acq: 15 Jan 2024 14:13

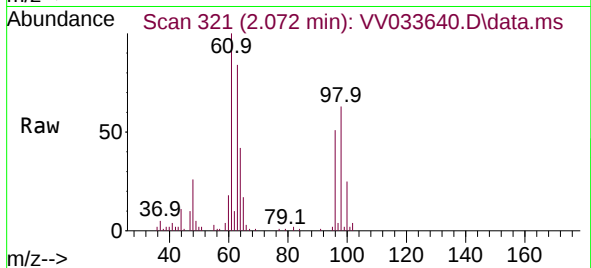
Tgt Ion: 64 Resp: 11148
 Ion Ratio Lower Upper
 64 100
 66 5.9 22.6 42.0#



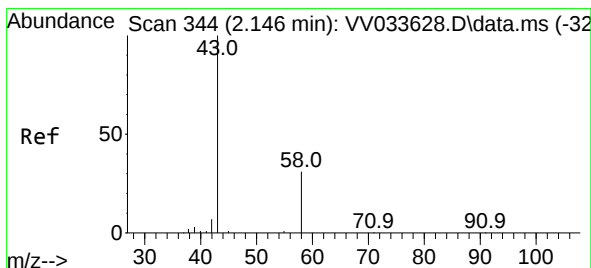
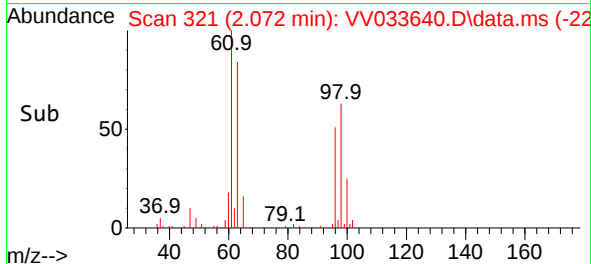
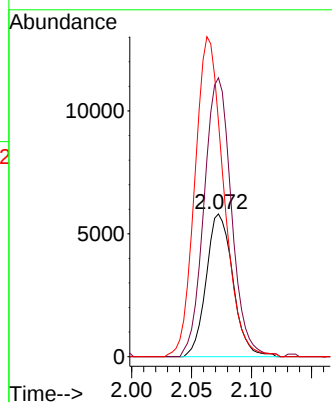


#12
1,1-Dichloroethene
Concen: 2.895 ug/L
RT: 2.072 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033640.D
Acq: 15 Jan 2024 14:13

Instrument :
MSVOA_V
ClientSampleId :

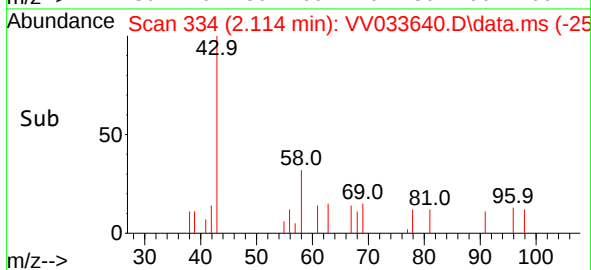
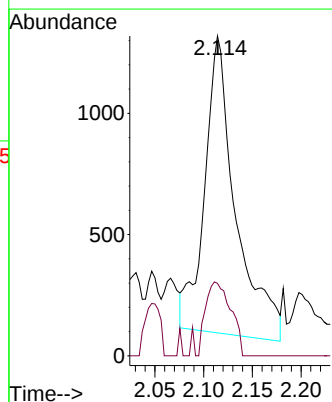
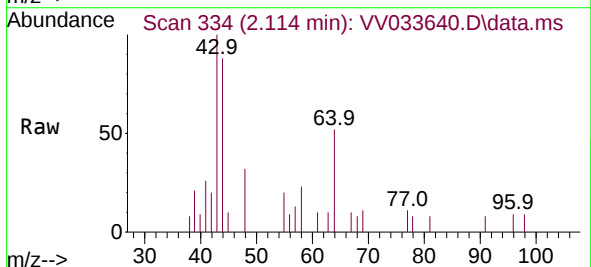


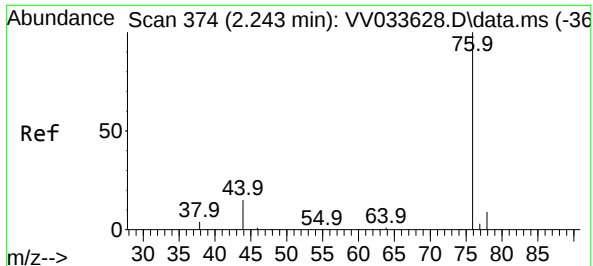
Tgt Ion: 96 Resp: 8988
Ion Ratio Lower Upper
96 100
61 195.4 133.8 248.4
63 164.9 77.2 143.4#



#13
Acetone
Concen: 5.656 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.032 min
Lab File: VV033640.D
Acq: 15 Jan 2024 14:13

Tgt Ion: 43 Resp: 2704
Ion Ratio Lower Upper
43 100
58 20.3 0.0 51.0





#14

Carbon disulfide

Concen: 0.309 ug/L

RT: 2.246 min Scan# 31

Delta R.T. 0.003 min

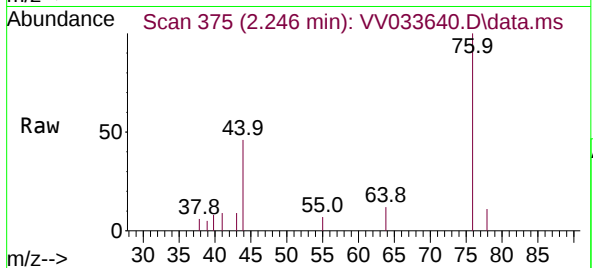
Lab File: VV033640.D

Acq: 15 Jan 2024 14:13

Instrument :

MSVOA_V

ClientSampleId :

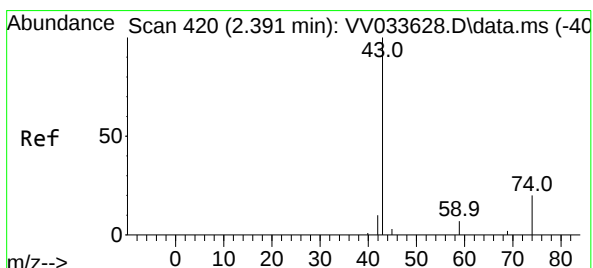
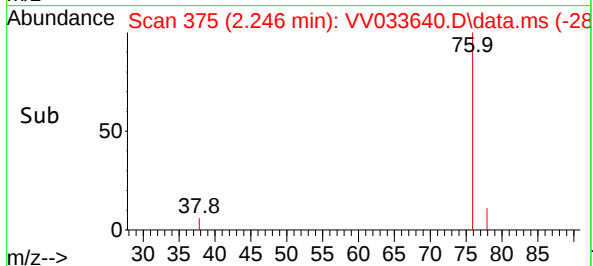
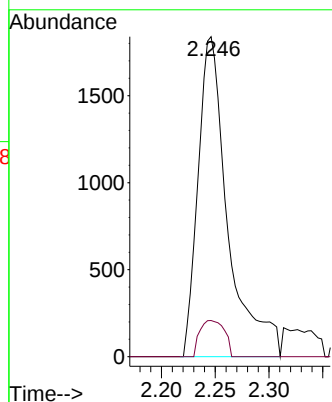


Tgt Ion: 76 Resp: 3547

Ion Ratio Lower Upper

76 100

78 11.3 7.1 10.7#



#15

Methyl Acetate

Concen: 0.352 ug/L

RT: 2.384 min Scan# 418

Delta R.T. -0.006 min

Lab File: VV033640.D

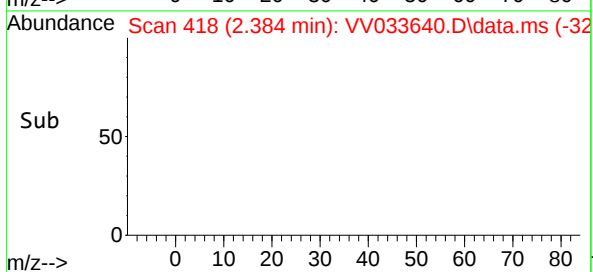
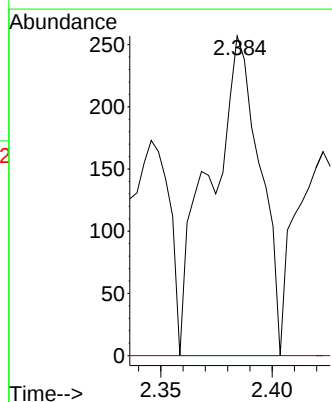
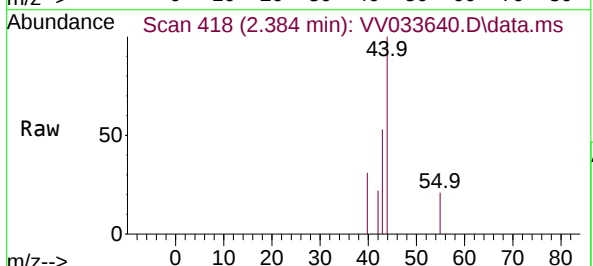
Acq: 15 Jan 2024 14:13

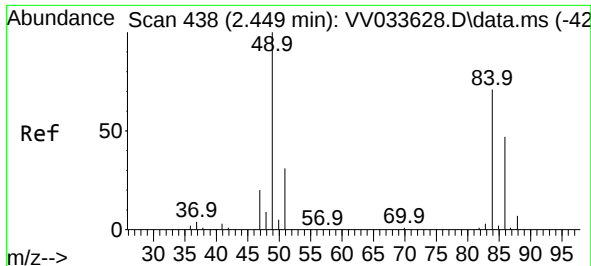
Tgt Ion: 43 Resp: 402

Ion Ratio Lower Upper

43 100

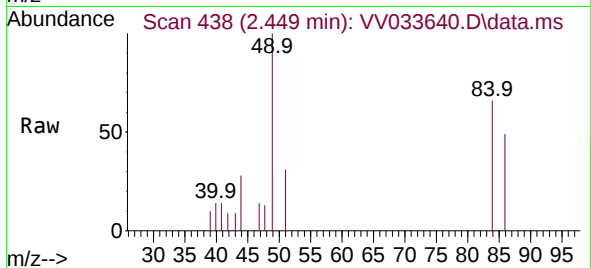
74 0.0 16.6 24.8#





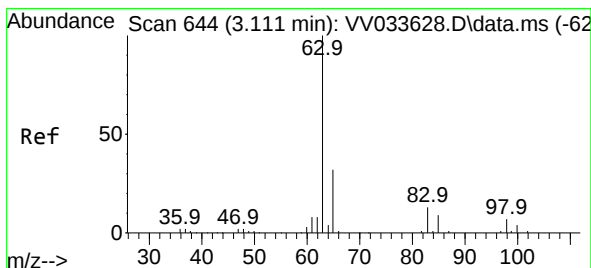
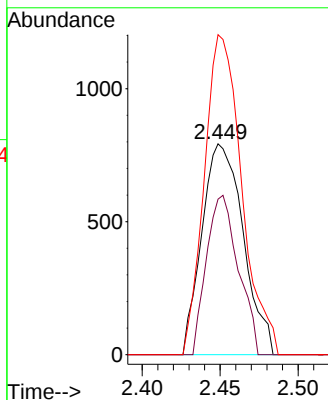
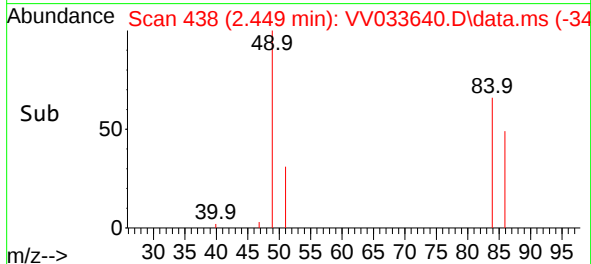
#16
Methylene chloride
Concen: 0.399 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV033640.D
Acq: 15 Jan 2024 14:13

Instrument :
MSVOA_V
ClientSampleId :

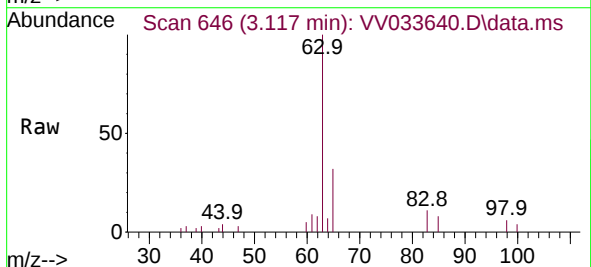


Tgt Ion: 84 Resp: 1462

Ion	Ratio	Lower	Upper
84	100		
86	73.8	45.5	84.5
49	151.7	100.3	186.3

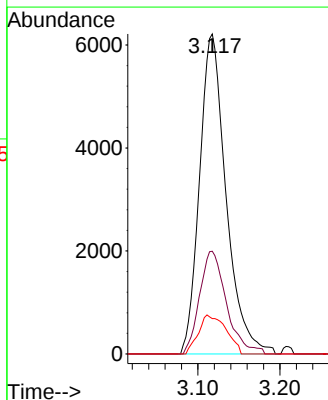
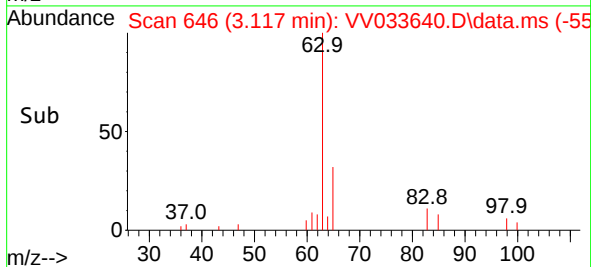


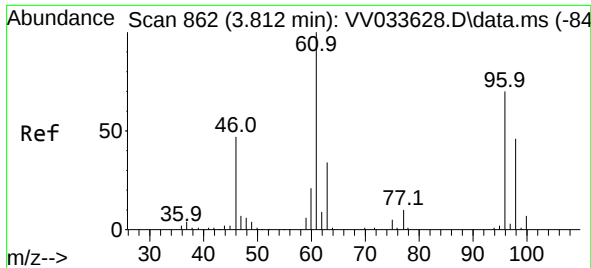
#19
1,1-Dichloroethane
Concen: 2.005 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.006 min
Lab File: VV033640.D
Acq: 15 Jan 2024 14:13



Tgt Ion: 63 Resp: 13974

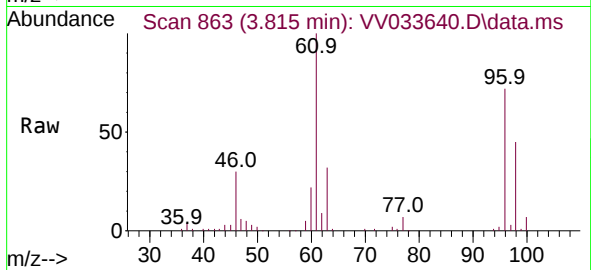
Ion	Ratio	Lower	Upper
63	100		
65	32.1	21.6	40.2
83	11.1	9.1	16.9



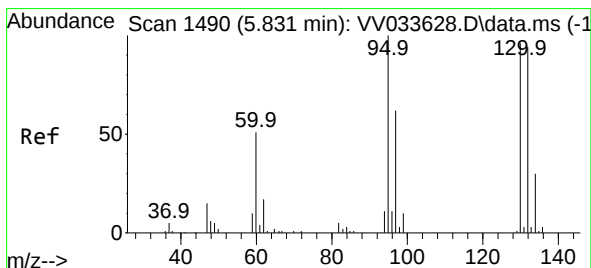
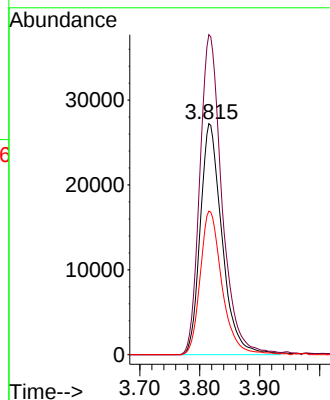
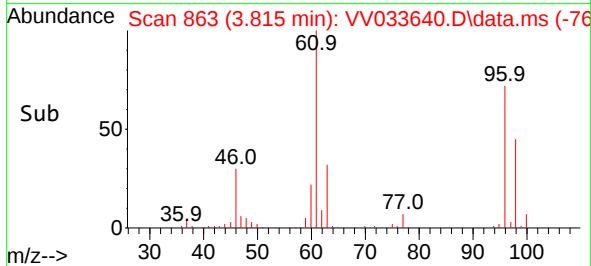


#22
cis-1,2-Dichloroethene
Concen: 18.772 ug/L
RT: 3.815 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV033640.D
Acq: 15 Jan 2024 14:13

Instrument :
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ClientSampleId :

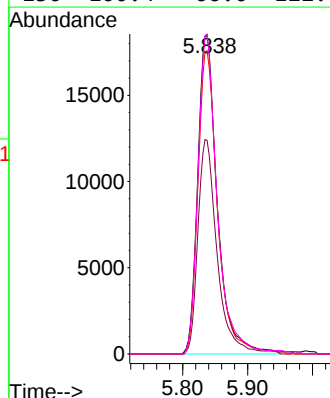
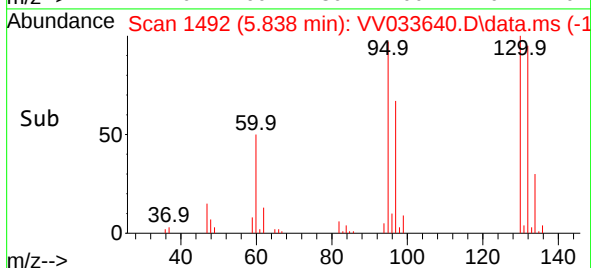
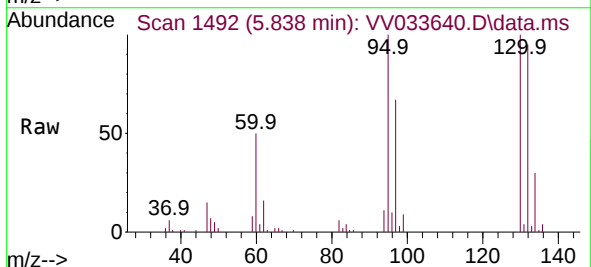


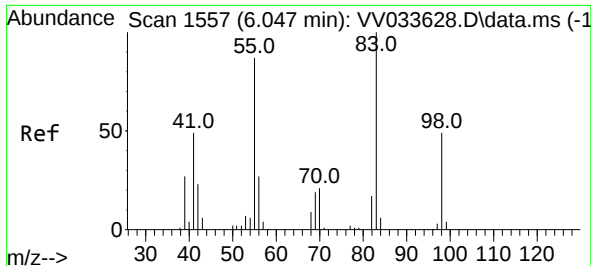
Tgt Ion: 96 Resp: 68937
Ion Ratio Lower Upper
96 100
61 138.5 97.1 180.3
98 62.2 42.6 79.0



#34
Trichloroethene
Concen: 9.818 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV033640.D
Acq: 15 Jan 2024 14:13

Tgt Ion: 95 Resp: 38998
Ion Ratio Lower Upper
95 100
97 67.0 45.1 83.9
132 95.2 65.2 121.2
130 100.4 66.0 122.6

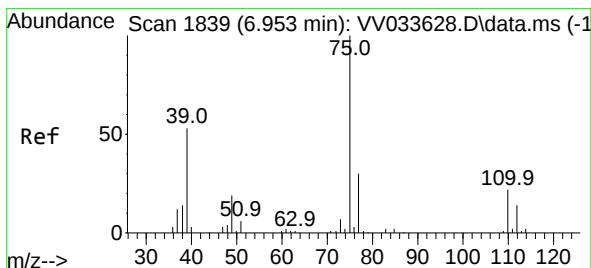
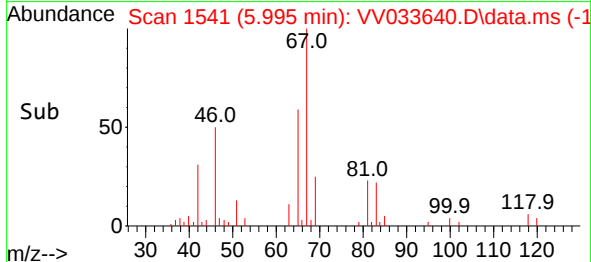
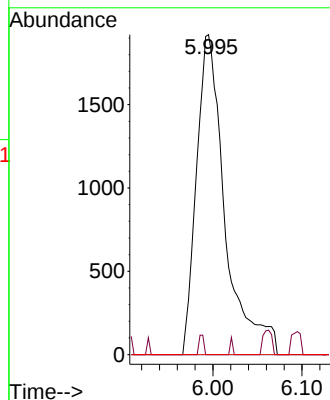
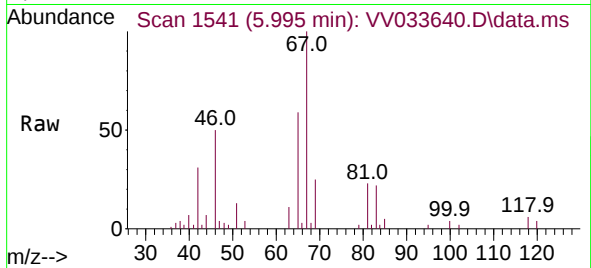




#35
Methylcyclohexane
Concen: 0.636 ug/L
RT: 5.995 min Scan# 11
Delta R.T. -0.051 min
Lab File: VV033640.D
Acq: 15 Jan 2024 14:13

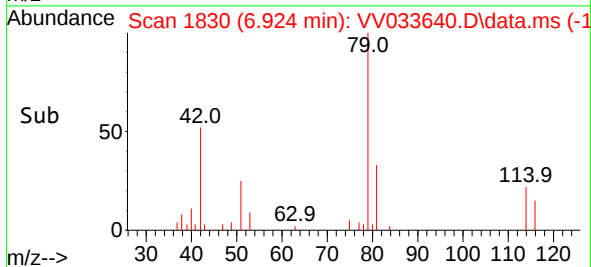
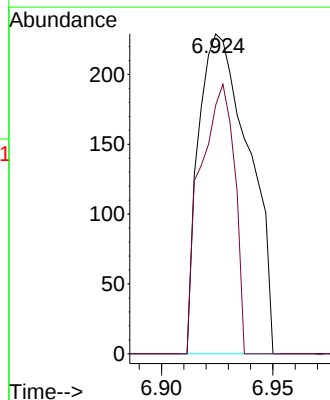
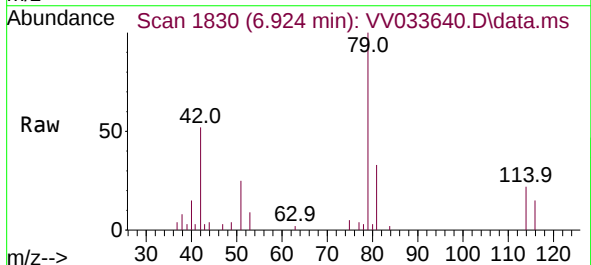
Instrument :
MSVOA_V
ClientSampleId :

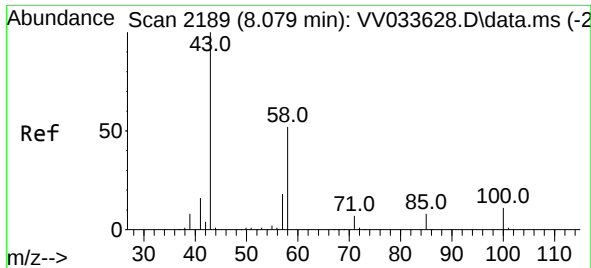
Tgt Ion: 83 Resp: 4275
Ion Ratio Lower Upper
83 100
55 1.1 68.7 103.1#
98 0.0 38.3 57.5#



#39
cis-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 6.924 min Scan# 1830
Delta R.T. -0.029 min
Lab File: VV033640.D
Acq: 15 Jan 2024 14:13

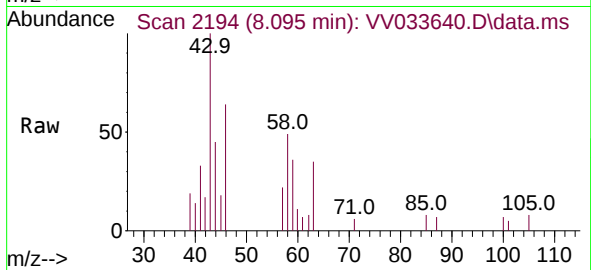
Tgt Ion: 75 Resp: 360
Ion Ratio Lower Upper
75 100
77 77.7 22.5 41.7#



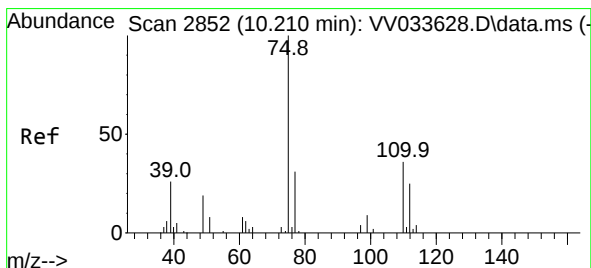
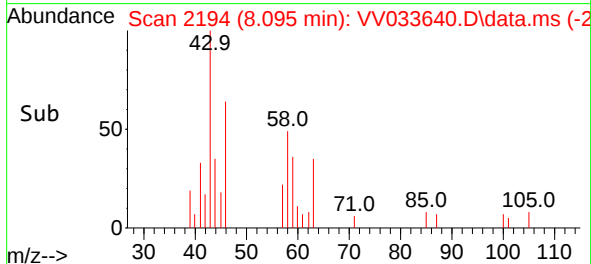
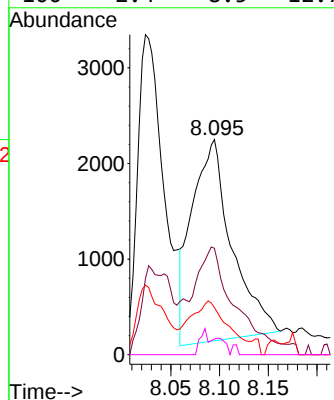


#48
2-Hexanone
Concen: 4.814 ug/L
RT: 8.095 min Scan# 2189
Delta R.T. 0.016 min
Lab File: VV033640.D
Acq: 15 Jan 2024 14:13

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
43	100		
58	43.8	40.6	61.0
57	26.0	13.8	20.8#
100	2.4	8.5	12.7#



#61
1,2,3-Trichloropropane
Concen: 1.798 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.977 min
Lab File: VV033640.D
Acq: 15 Jan 2024 14:13

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.7	37.1
110	0.0	28.0	42.0#

