

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033615.D
 Acq On : 12 Jan 2024 23:28
 Operator : SY/MD
 Sample : P1121-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8LO

Quant Time: Jan 13 00:59:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 00:29:44 2024
 Response via : Initial Calibration

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

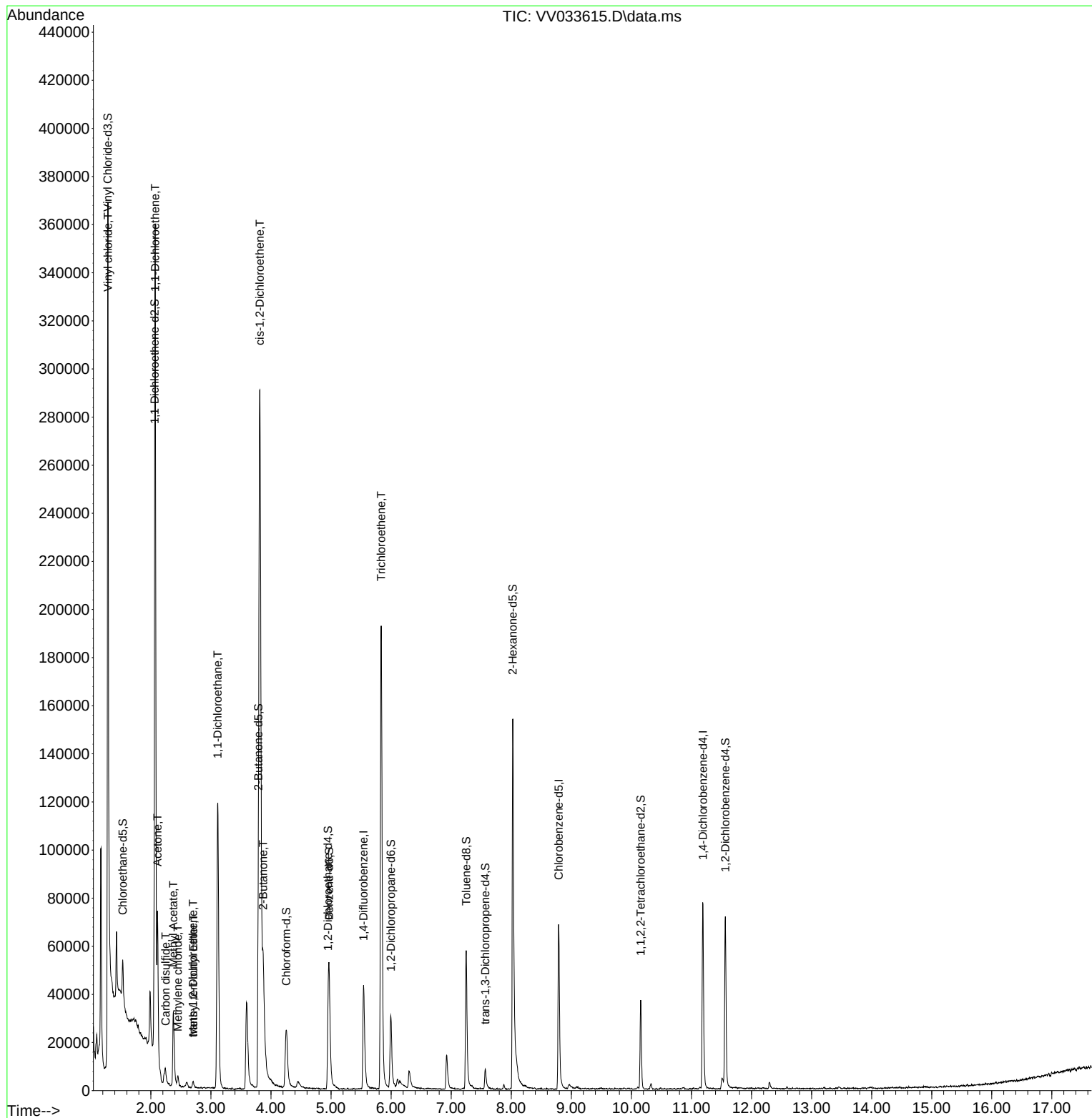
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	39880	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	37768	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	20368	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	14127	6.478	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 129.600%		
7) Chloroethane-d5	1.532	69	10962	5.668	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.400%		
11) 1,1-Dichloroethene-d2	2.063	65	5795	5.897	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 118.000%		
20) 2-Butanone-d5	3.789	46	78627	147.465	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	= 294.940%#		
24) Chloroform-d	4.252	84	23610	5.006	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.200%		
26) 1,2-Dichloroethane-d4	4.950	65	16212	7.667	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 153.400%#		
32) Benzene-d6	4.966	84	44994	4.937	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.800%		
36) 1,2-Dichloropropane-d6	5.995	67	16398	5.397	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.000%		
41) Toluene-d8	7.249	98	39853	4.899	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.000%		
43) trans-1,3-Dichloroprop...	7.567	79	5875	5.593	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 111.800%		
46) 2-Hexanone-d5	8.024	63	55217	133.895	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 267.800%#		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18416	10.374	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 207.400%#		
66) 1,2-Dichlorobenzene-d4	11.564	152	17767	5.681	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.600%		
Target Compounds						
5) Vinyl chloride	1.285	62	117540	28.333	ug/L #	1
12) 1,1-Dichloroethene	2.072	96	92962	33.069	ug/L #	82
13) Acetone	2.111	43	67795	156.626	ug/L	95
14) Carbon disulfide	2.246	76	7214	0.694	ug/L	99
15) Methyl Acetate	2.375	43	38221	36.944	ug/L	100
16) Methylene chloride	2.449	84	1582	0.477	ug/L	89
17) Methyl tert-butyl Ether	2.706	73	1493	0.235	ug/L #	84
18) trans-1,2-Dichloroethene	2.703	96	499	0.157	ug/L	95
19) 1,1-Dichloroethane	3.114	63	123749	19.613	ug/L	98
21) 2-Butanone	3.870	43	86526	144.011	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	146678	44.112	ug/L	94
34) Trichloroethene	5.834	95	69953	19.597	ug/L	97

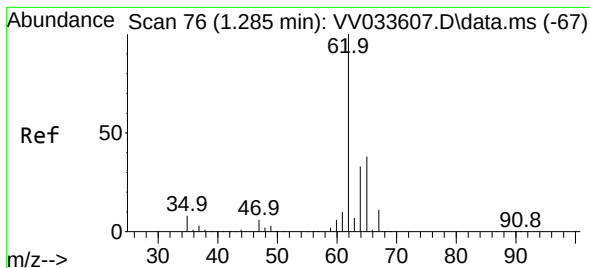
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 28.333 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV033615.D

Acq: 12 Jan 2024 23:28

Instrument :

MSVOA_V

ClientSampleId :

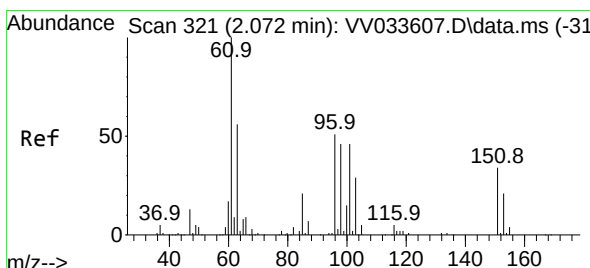
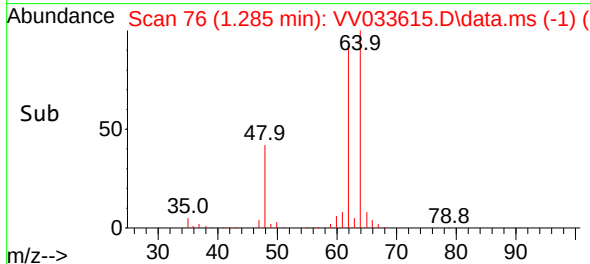
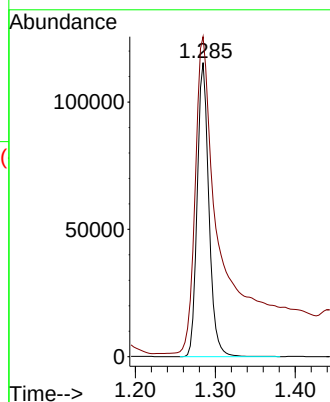
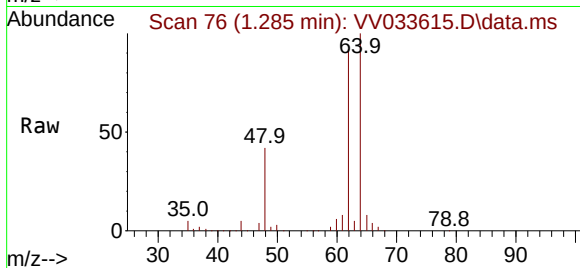
BH8L0

Tgt Ion: 62 Resp: 117540

Ion Ratio Lower Upper

62 100

64 108.8 23.0 42.8#



#12

1,1-Dichloroethene

Concen: 33.069 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.000 min

Lab File: VV033615.D

Acq: 12 Jan 2024 23:28

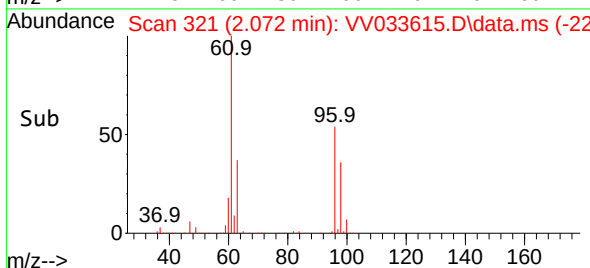
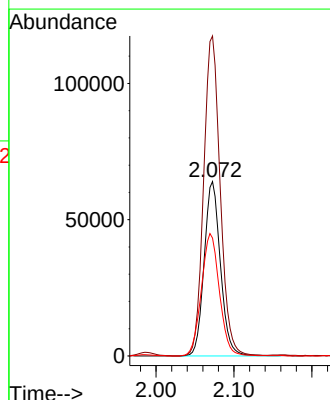
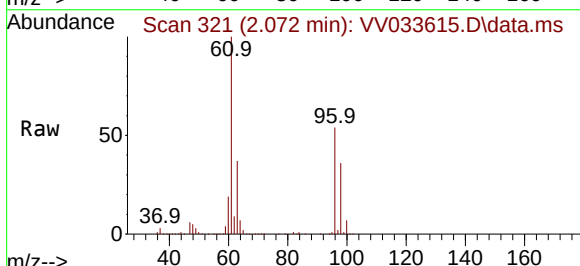
Tgt Ion: 96 Resp: 92962

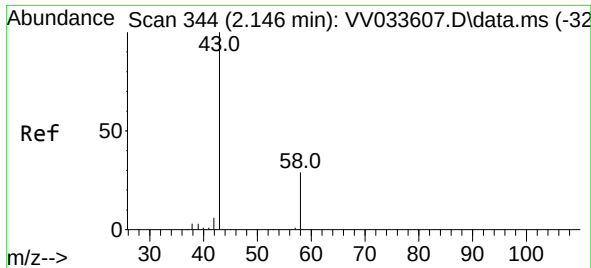
Ion Ratio Lower Upper

96 100

61 183.5 133.8 248.4

63 67.7 77.2 143.4#





#13

Acetone

Concen: 156.626 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.035 min

Lab File: VV033615.D

Acq: 12 Jan 2024 23:28

Instrument :

MSVOA_V

ClientSampleId :

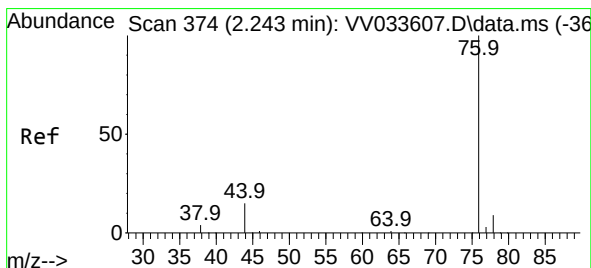
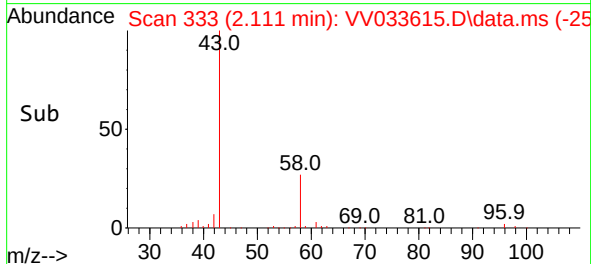
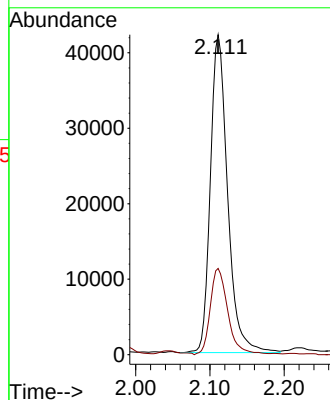
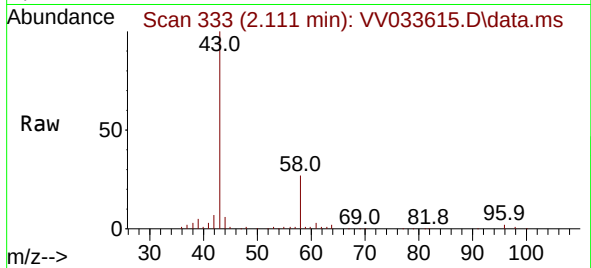
BH8LO

Tgt Ion: 43 Resp: 67795

Ion Ratio Lower Upper

43 100

58 27.8 0.0 51.0



#14

Carbon disulfide

Concen: 0.694 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV033615.D

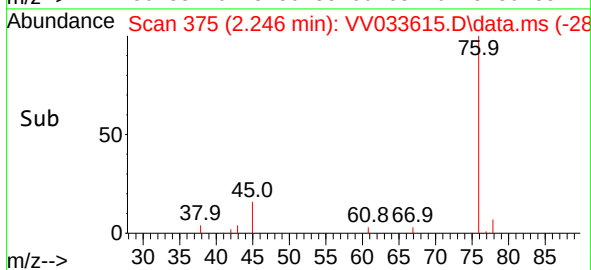
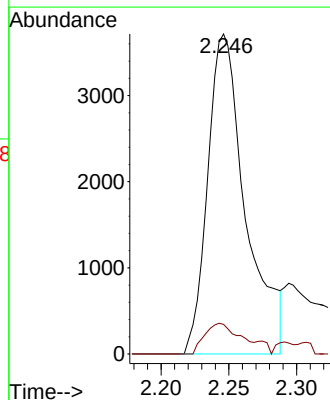
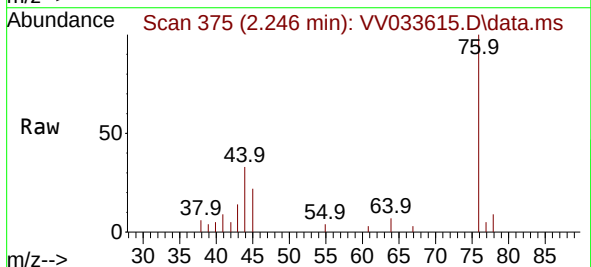
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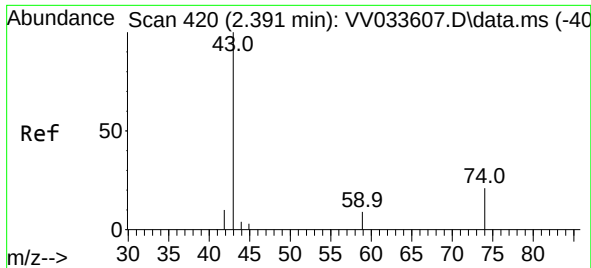
Tgt Ion: 76 Resp: 7214

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

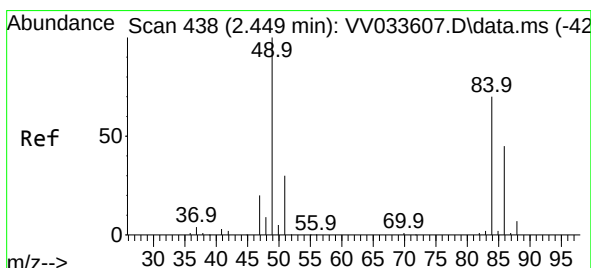
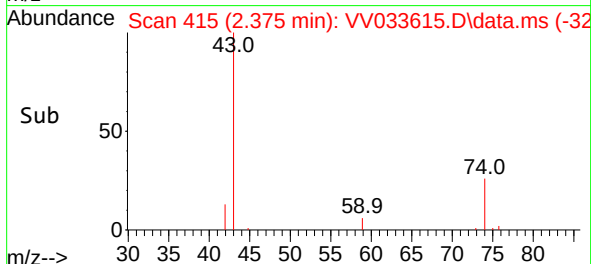
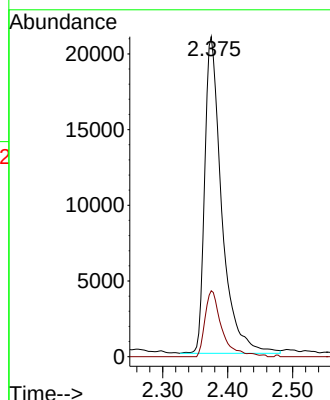
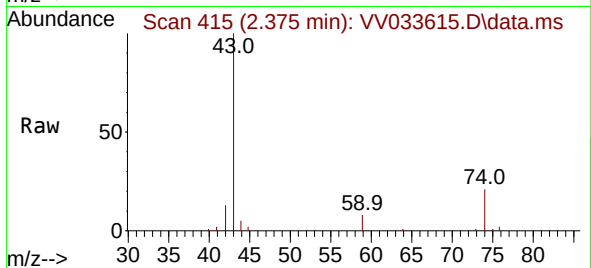




#15
Methyl Acetate
Concen: 36.944 ug/L
RT: 2.375 min Scan# 415
Delta R.T. -0.016 min
Lab File: VV033615.D
Acq: 12 Jan 2024 23:28

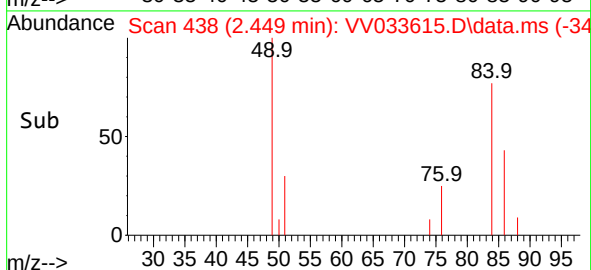
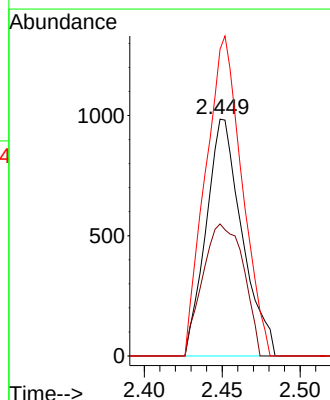
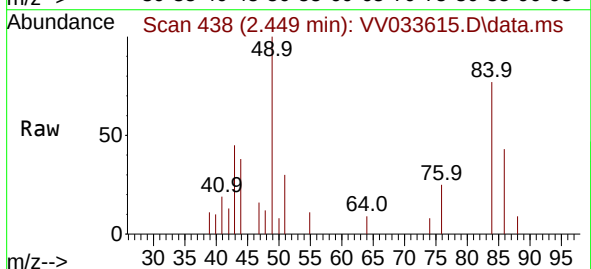
Instrument :
MSVOA_V
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BH8L0

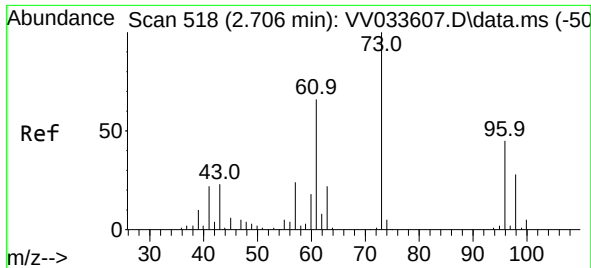
Tgt Ion: 43 Resp: 38221
Ion Ratio Lower Upper
43 100
74 20.6 16.6 24.8



#16
Methylene chloride
Concen: 0.477 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV033615.D
Acq: 12 Jan 2024 23:28

Tgt Ion: 84 Resp: 1582
Ion Ratio Lower Upper
84 100
86 55.7 45.5 84.5
49 129.5 100.3 186.3

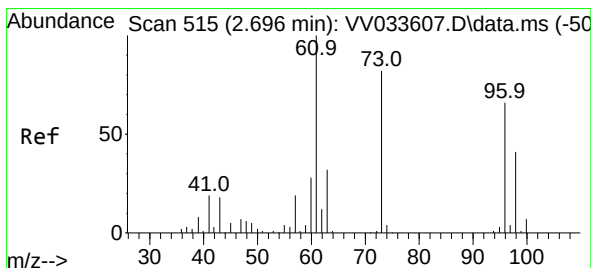
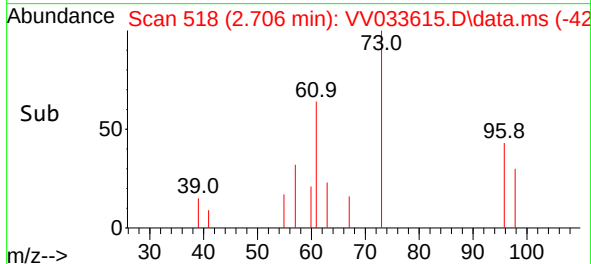
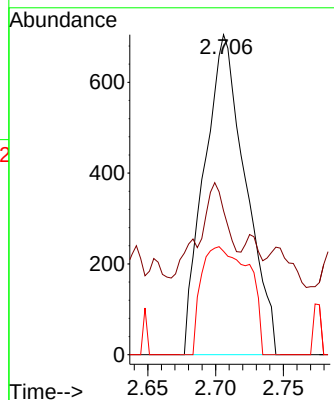
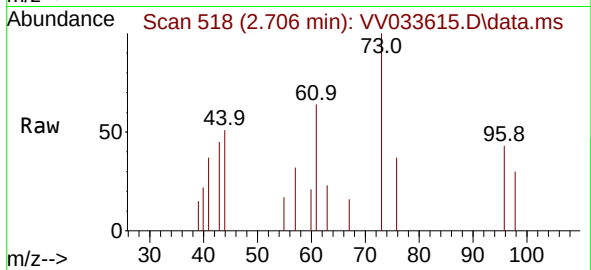




#17
Methyl tert-butyl Ether
Concen: 0.235 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV033615.D
Acq: 12 Jan 2024 23:28

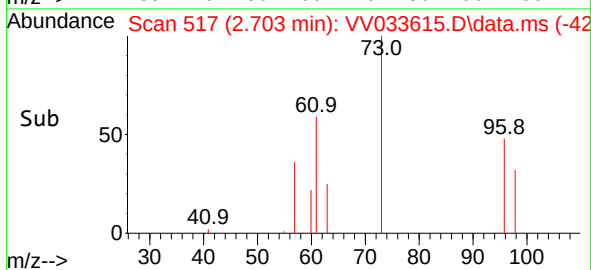
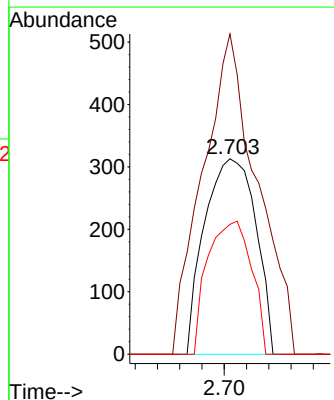
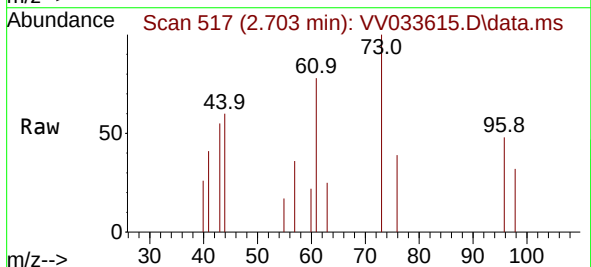
Instrument :
MSVOA_V
ClientSampleId :
BH8L0

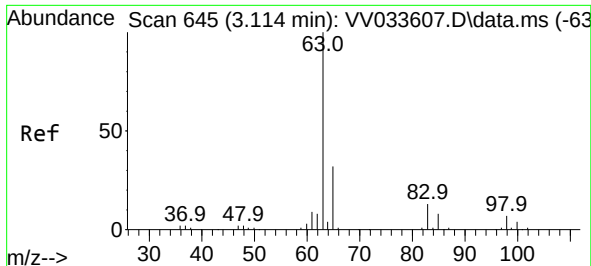
Tgt Ion: 73	Resp:	1493	
Ion	Ratio	Lower	Upper
73	100		
43	20.8	17.7	26.5
57	38.6	19.5	29.3#



#18
trans-1,2-Dichloroethene
Concen: 0.157 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.006 min
Lab File: VV033615.D
Acq: 12 Jan 2024 23:28

Tgt Ion: 96	Resp:	499	
Ion	Ratio	Lower	Upper
96	100		
61	163.9	110.4	205.0
98	66.5	44.1	81.9

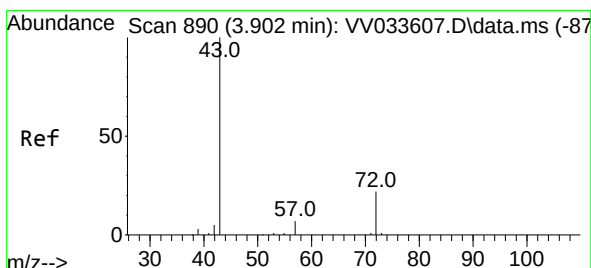
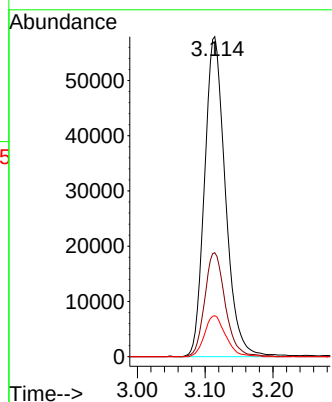
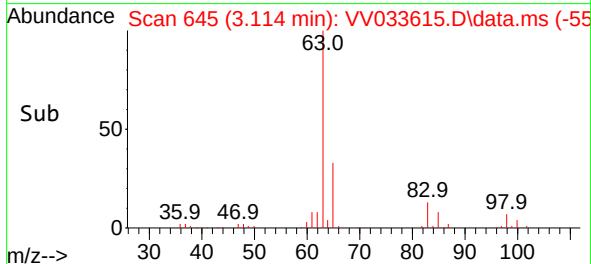
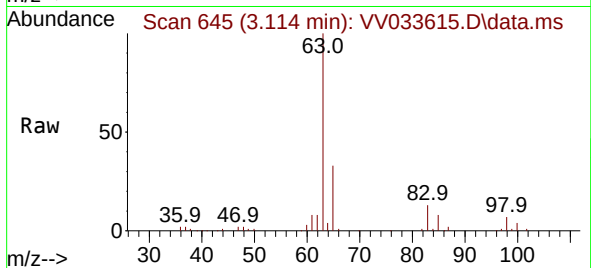




#19
1,1-Dichloroethane
Concen: 19.613 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV033615.D
Acq: 12 Jan 2024 23:28

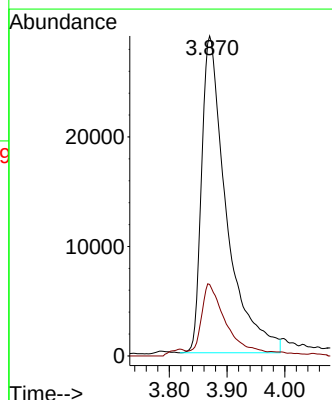
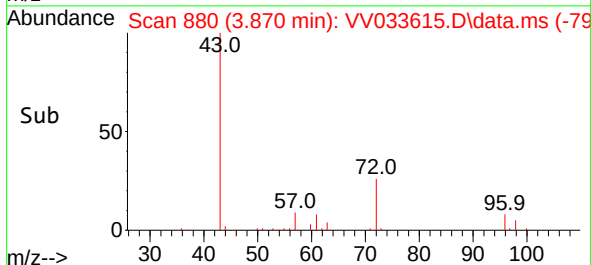
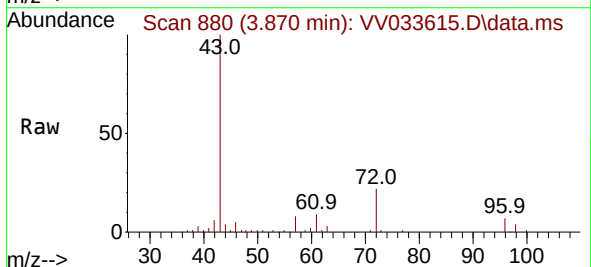
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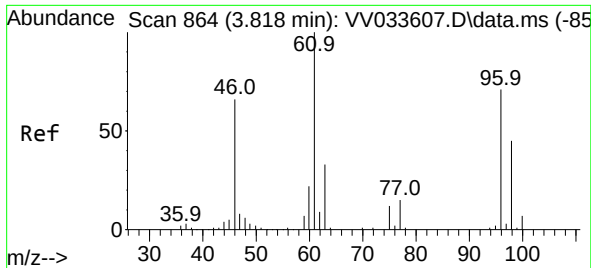
Tgt Ion: 63 Resp: 123749
Ion Ratio Lower Upper
63 100
65 32.5 21.6 40.2
83 12.8 9.1 16.9



#21
2-Butanone
Concen: 144.011 ug/L
RT: 3.870 min Scan# 880
Delta R.T. -0.032 min
Lab File: VV033615.D
Acq: 12 Jan 2024 23:28

Tgt Ion: 43 Resp: 86526
Ion Ratio Lower Upper
43 100
72 20.5 10.5 31.6

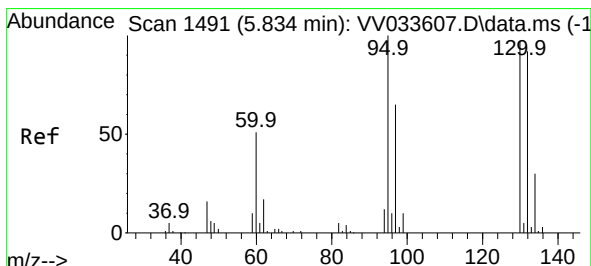
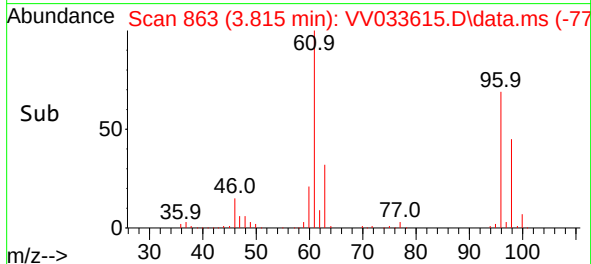
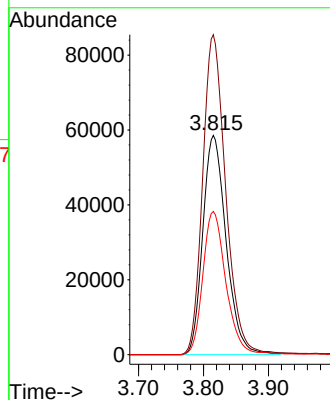
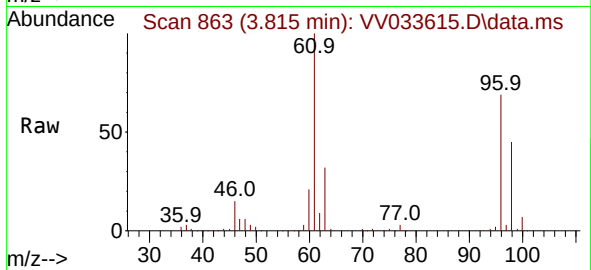




#22
cis-1,2-Dichloroethene
Concen: 44.112 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.003 min
Lab File: VV033615.D
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Tgt Ion: 96 Resp: 146678
Ion Ratio Lower Upper
96 100
61 145.9 97.1 180.3
98 65.3 42.6 79.0



#34
Trichloroethene
Concen: 19.597 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV033615.D
Acq: 12 Jan 2024 23:28

Tgt Ion: 95 Resp: 69953
Ion Ratio Lower Upper
95 100
97 65.6 45.1 83.9
132 95.3 65.2 121.2
130 98.4 66.0 122.6

