

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033248.D
 Acq On : 12 Dec 2023 05:16
 Operator : SY/MD
 Sample : 05751-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 06:55:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

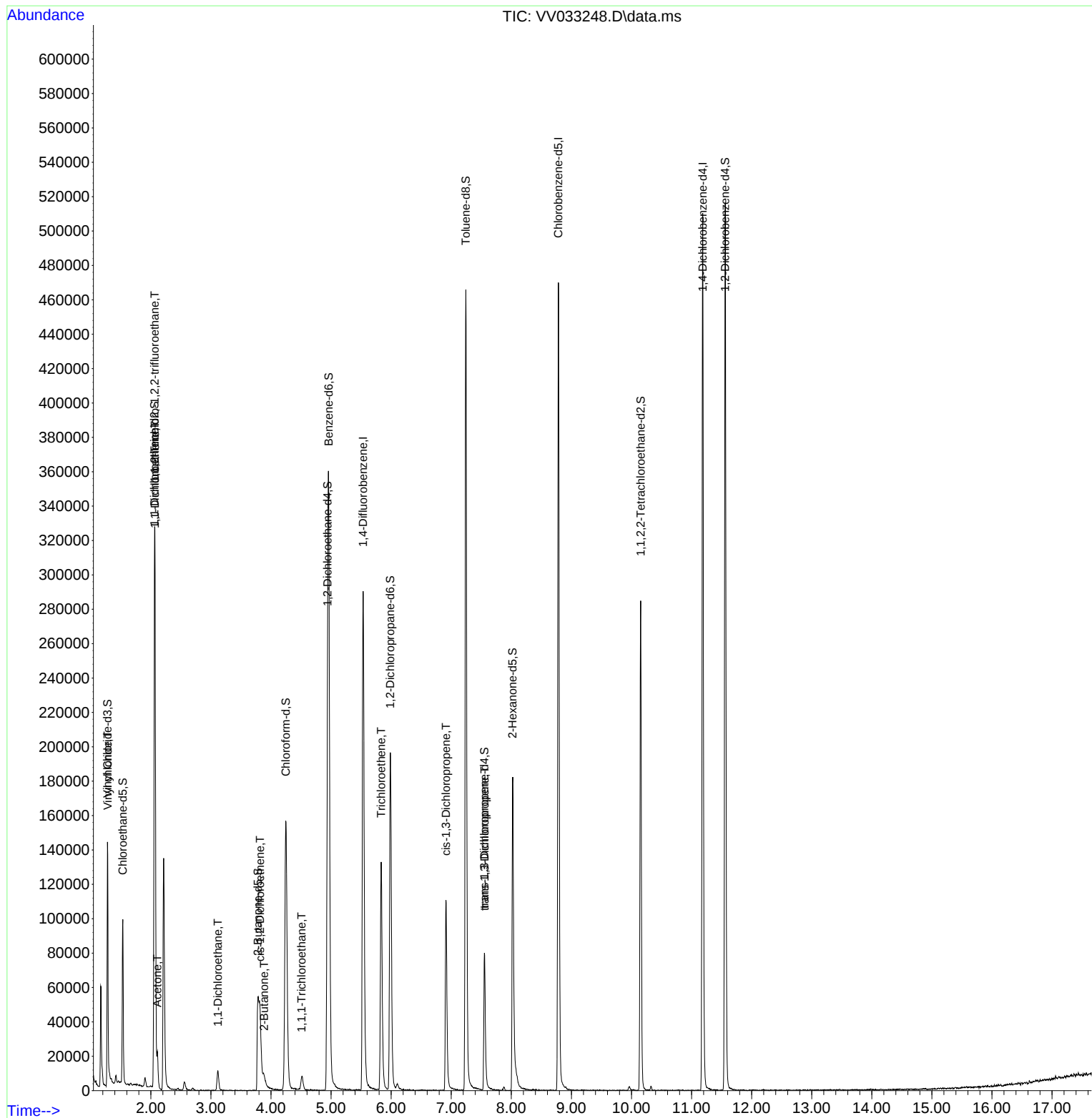
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	277044	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	271883	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	143963	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	83760	50.575	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.140%			
7) Chloroethane-d5	1.532	69	61334	53.151	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.300%			
11) 1,1-Dichloroethene-d2	2.059	65	32382	51.396	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.800%			
21) 2-Butanone-d5	3.780	46	77821	94.605	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.610%			
24) Chloroform-d	4.246	84	176204	50.133	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.260%			
26) 1,2-Dichloroethane-d4	4.940	65	114339	52.324	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.640%			
32) Benzene-d6	4.960	84	335461	52.756	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.520%			
36) 1,2-Dichloropropane-d6	5.985	67	88903	51.999	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.000%			
41) Toluene-d8	7.243	98	320004	52.755	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.500%			
43) trans-1,3-Dichloroprop...	7.551	79	48841	45.176	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.360%			
47) 2-Hexanone-d5	8.021	63	62415	90.871	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.870%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	122756	50.508	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.020%			
66) 1,2-Dichlorobenzene-d4	11.561	152	142824	55.759	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.520%			
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	5335	2.785	ug/L #	48
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	1622	1.093	ug/L #	23
12) 1,1-Dichloroethene	2.069	96	56379	40.591	ug/L	84
13) Acetone	2.108	43	18392	23.421	ug/L	98
19) 1,1-Dichloroethane	3.117	63	11285	3.739	ug/L	92
20) cis-1,2-Dichloroethene	3.815	96	22350	11.550	ug/L	92
22) 2-Butanone	3.886	43	14426	14.435	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	7073	2.105	ug/L #	57
34) Trichloroethene	5.834	95	45916	22.307	ug/L	98
39) cis-1,3-Dichloropropene	6.911	75	3430	1.185	ug/L #	71
44) trans-1,3-Dichloropropene	7.554	75	2415	0.825	ug/L #	80

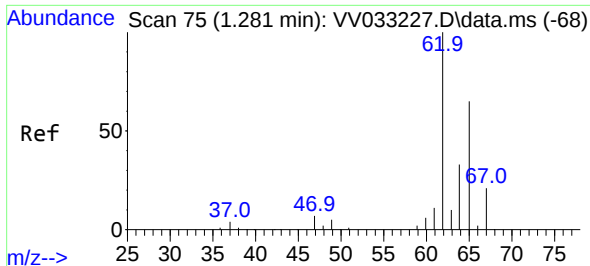
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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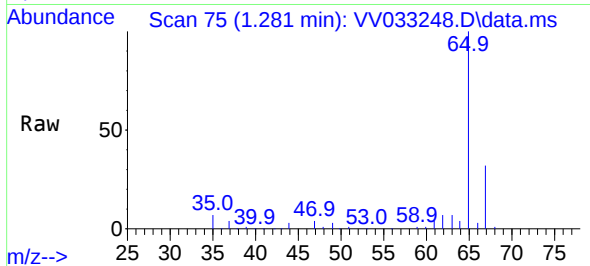
Quant Time: Dec 12 06:55:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration



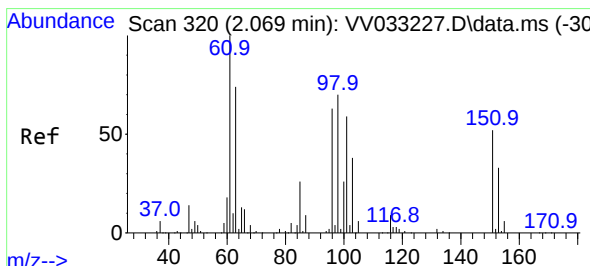
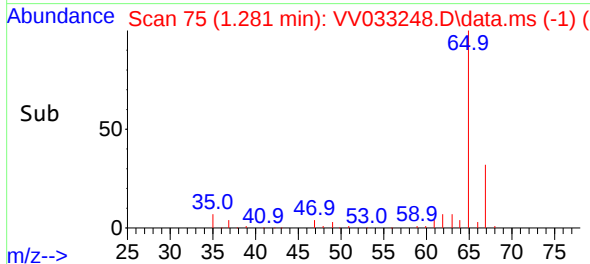
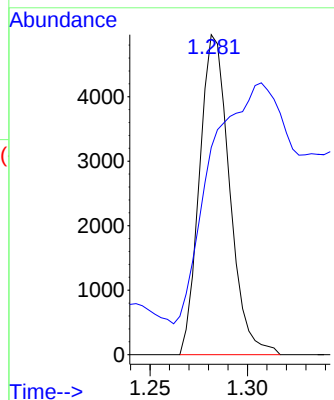


#5
 Vinyl chloride
 Concen: 2.785 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.003 min
 Lab File: VV033248.D
 Acq: 12 Dec 2023 05:16

Instrument :
 MSVOA_V
 ClientSampleId :

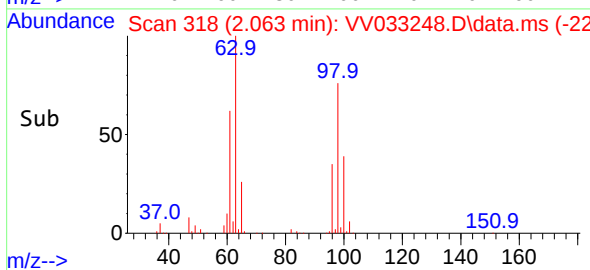
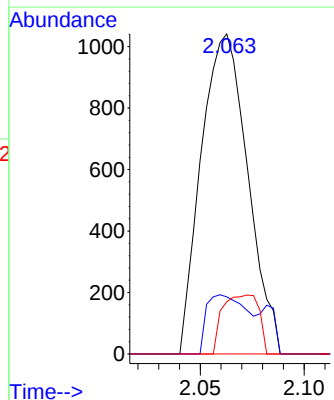
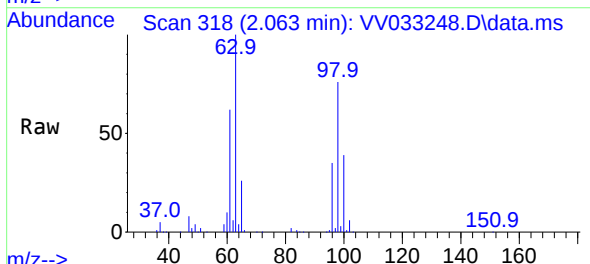


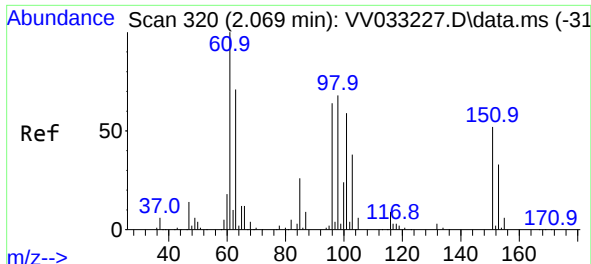
Tgt Ion: 62 Resp: 5335
 Ion Ratio Lower Upper
 62 100
 64 64.8 24.2 45.0#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.093 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VV033248.D
 Acq: 12 Dec 2023 05:16

Tgt Ion: 101 Resp: 1622
 Ion Ratio Lower Upper
 101 100
 85 15.8 36.0 54.0#
 151 0.0 69.1 103.7#





#12

1,1-Dichloroethene

Concen: 40.591 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

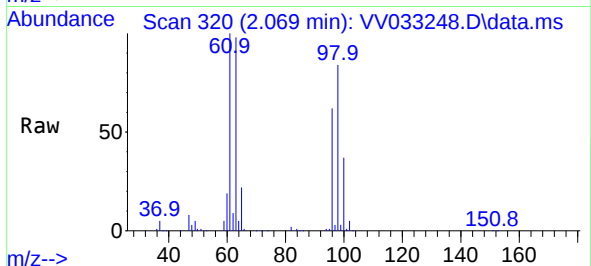
Lab File: VV033248.D

Acq: 12 Dec 2023 05:16

Instrument :

MSVOA_V

ClientSampleId :



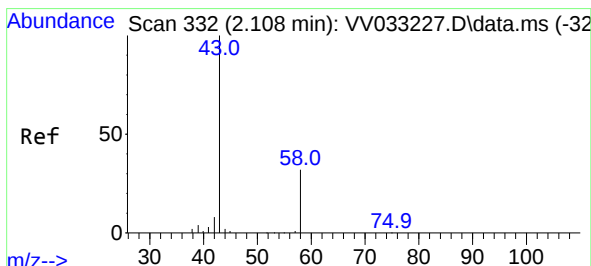
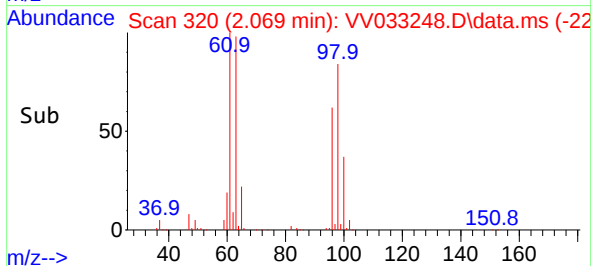
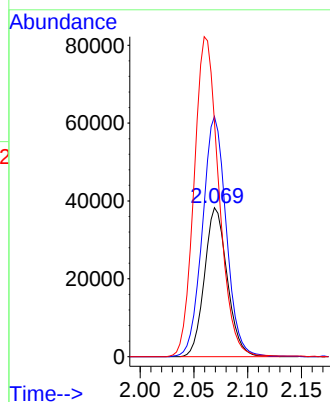
Tgt Ion: 96 Resp: 56379

Ion Ratio Lower Upper

96 100

61 161.3 109.1 202.7

63 158.0 85.3 158.3



#13

Acetone

Concen: 23.421 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.000 min

Lab File: VV033248.D

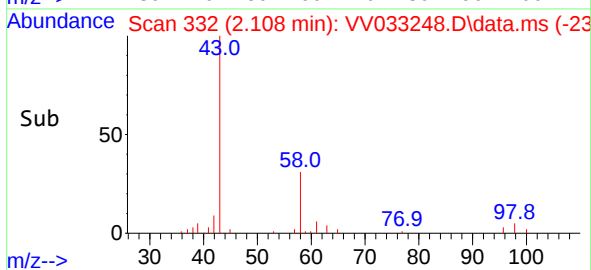
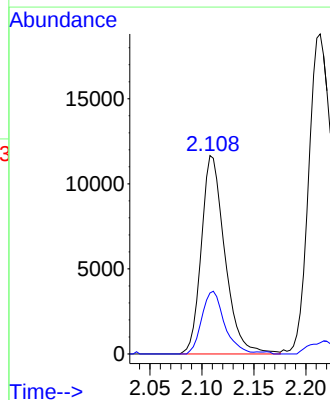
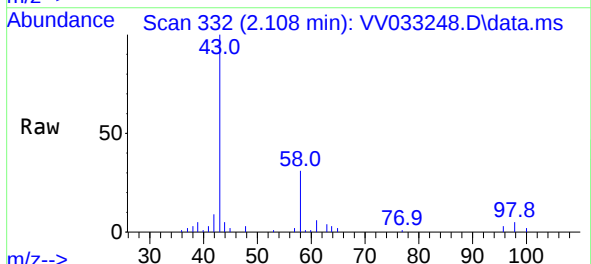
Acq: 12 Dec 2023 05:16

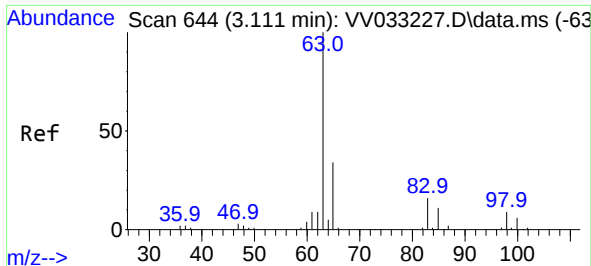
Tgt Ion: 43 Resp: 18392

Ion Ratio Lower Upper

43 100

58 30.4 0.0 62.8

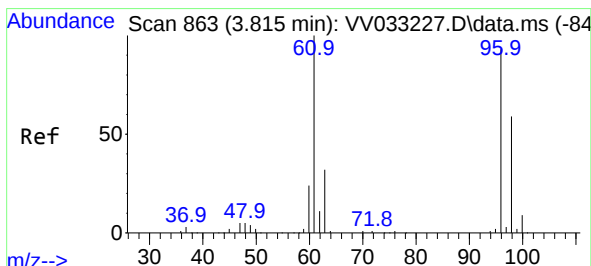
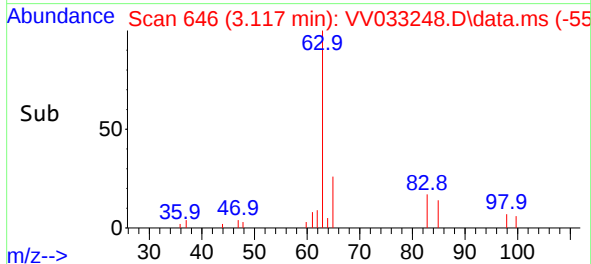
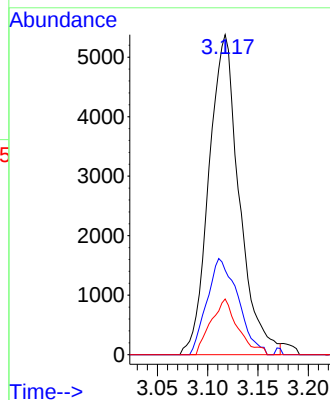
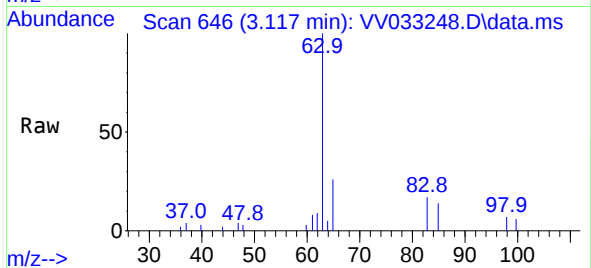




#19
1,1-Dichloroethane
Concen: 3.739 ug/L
RT: 3.117 min Scan# 644
Delta R.T. 0.010 min
Lab File: VV033248.D
Acq: 12 Dec 2023 05:16

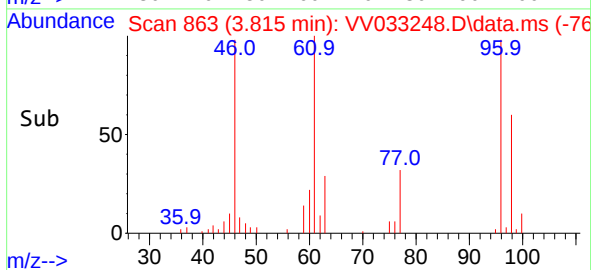
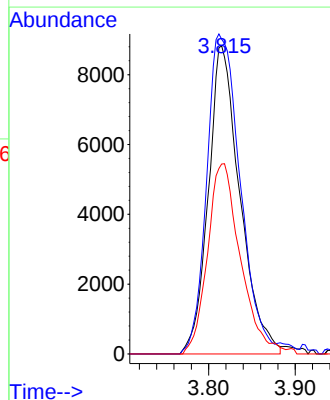
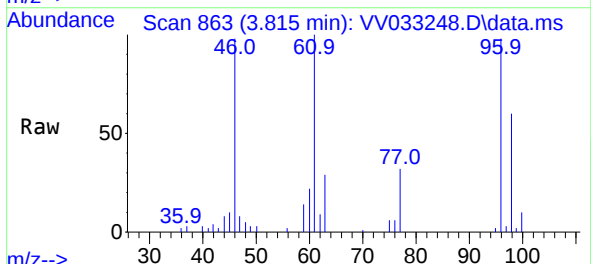
Instrument :
MSVOA_V
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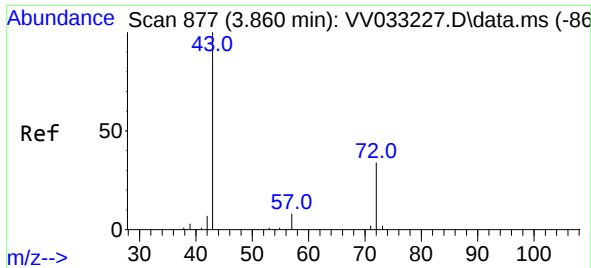
Tgt Ion: 63	Resp: 11285
Ion Ratio	Lower Upper
63 100	
65 26.4	23.0 42.6
83 17.4	11.4 21.2



#20
cis-1,2-Dichloroethene
Concen: 11.550 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV033248.D
Acq: 12 Dec 2023 05:16

Tgt Ion: 96	Resp: 22350
Ion Ratio	Lower Upper
96 100	
61 102.1	79.1 146.9
98 61.6	45.1 83.7

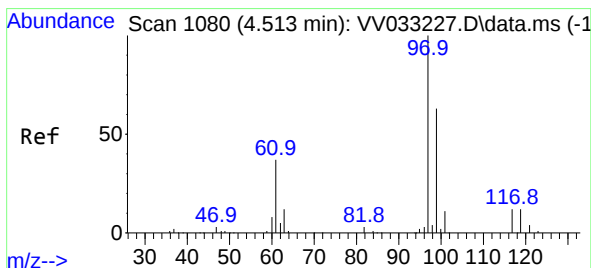
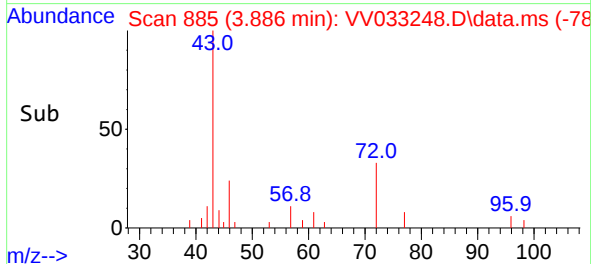
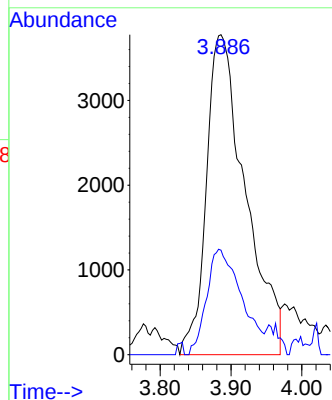
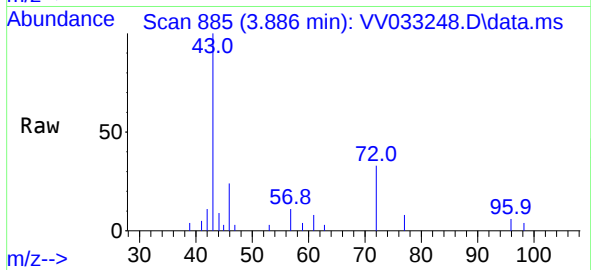




#22
2-Butanone
Concen: 14.435 ug/L
RT: 3.886 min Scan# 81
Delta R.T. 0.029 min
Lab File: VV033248.D
Acq: 12 Dec 2023 05:16

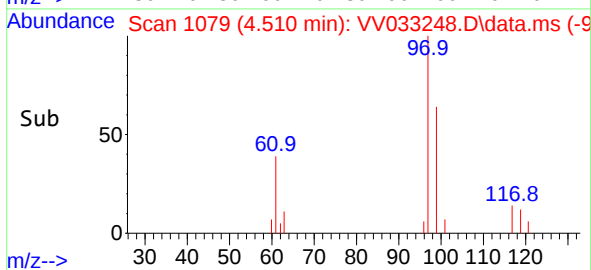
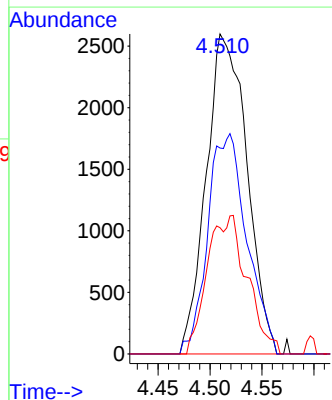
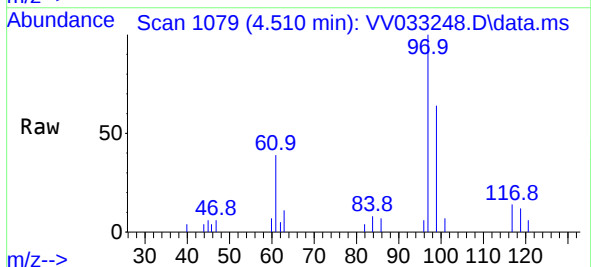
Instrument :
MSVOA_V
ClientSampleId :

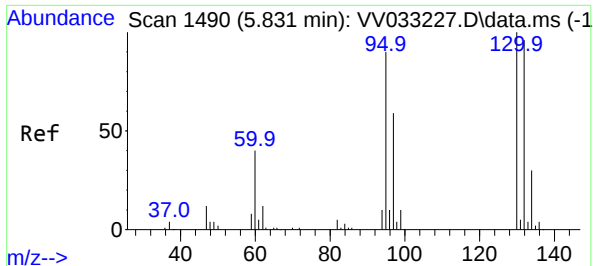
Tgt Ion: 43 Resp: 14426
Ion Ratio Lower Upper
43 100
72 29.5 14.6 43.8



#30
1,1,1-Trichloroethane
Concen: 2.105 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV033248.D
Acq: 12 Dec 2023 05:16

Tgt Ion: 97 Resp: 7073
Ion Ratio Lower Upper
97 100
99 25.5 51.3 76.9#
61 19.1 31.8 47.8#





#34

Trichloroethene

Concen: 22.307 ug/L

RT: 5.834 min Scan# 14

Delta R.T. 0.003 min

Lab File: VV033248.D

Acq: 12 Dec 2023 05:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 45916

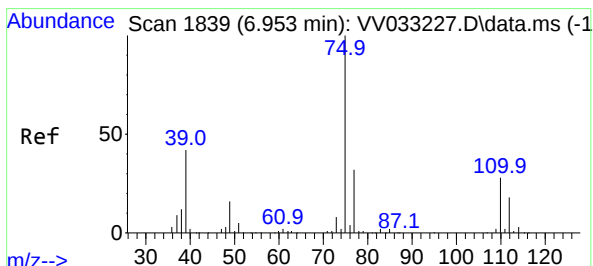
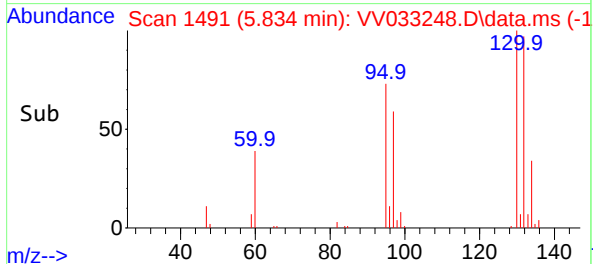
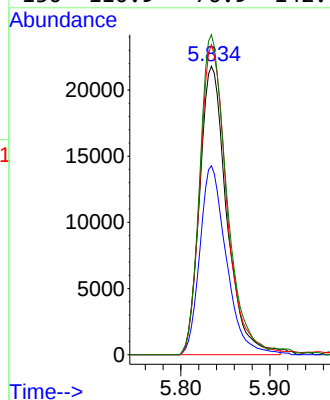
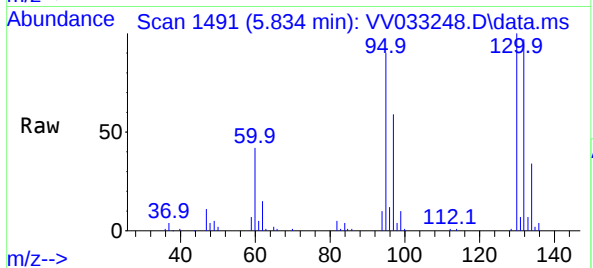
Ion Ratio Lower Upper

95 100

97 65.5 45.8 85.0

132 107.4 77.4 143.8

130 110.9 76.9 142.7



#39

cis-1,3-Dichloropropene

Concen: 1.185 ug/L

RT: 6.911 min Scan# 1826

Delta R.T. -0.039 min

Lab File: VV033248.D

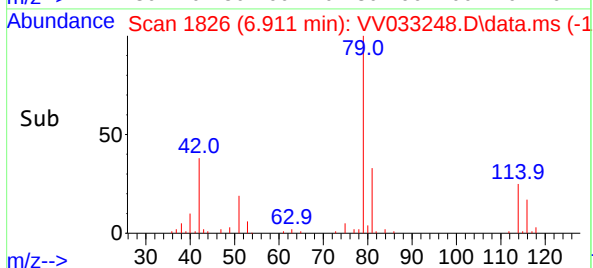
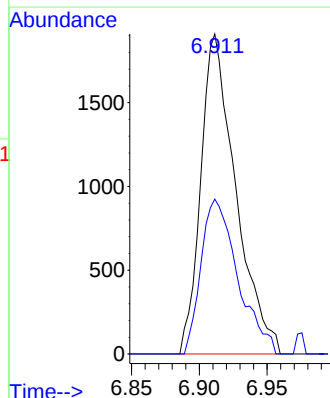
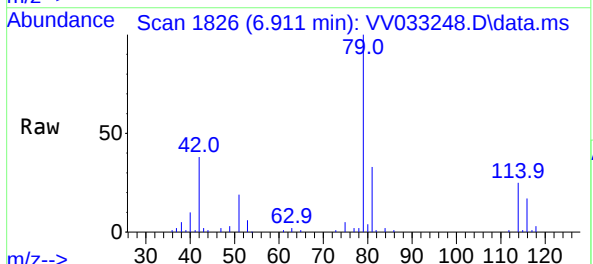
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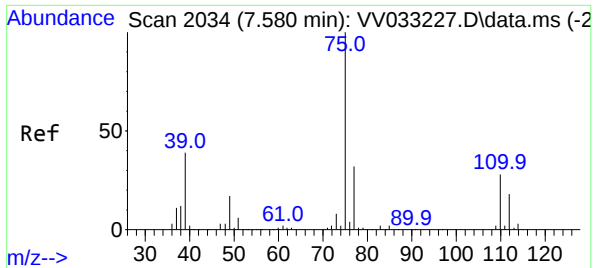
Tgt Ion: 75 Resp: 3430

Ion Ratio Lower Upper

75 100

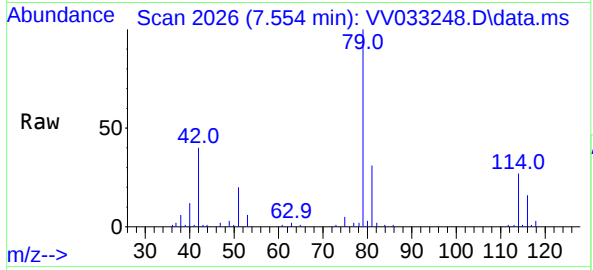
77 48.4 22.4 41.6#





#44
trans-1,3-Dichloropropene
Concen: 0.825 ug/L
RT: 7.554 min Scan# 20
Delta R.T. -0.026 min
Lab File: VV033248.D
Acq: 12 Dec 2023 05:16

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 2415
Ion Ratio Lower Upper
75 100
77 42.4 22.0 41.0#

