

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029805.D
 Acq On : 13 Jan 2023 13:54
 Operator : SY/MD
 Sample : 01136-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W1

Quant Time: Jan 13 22:51:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

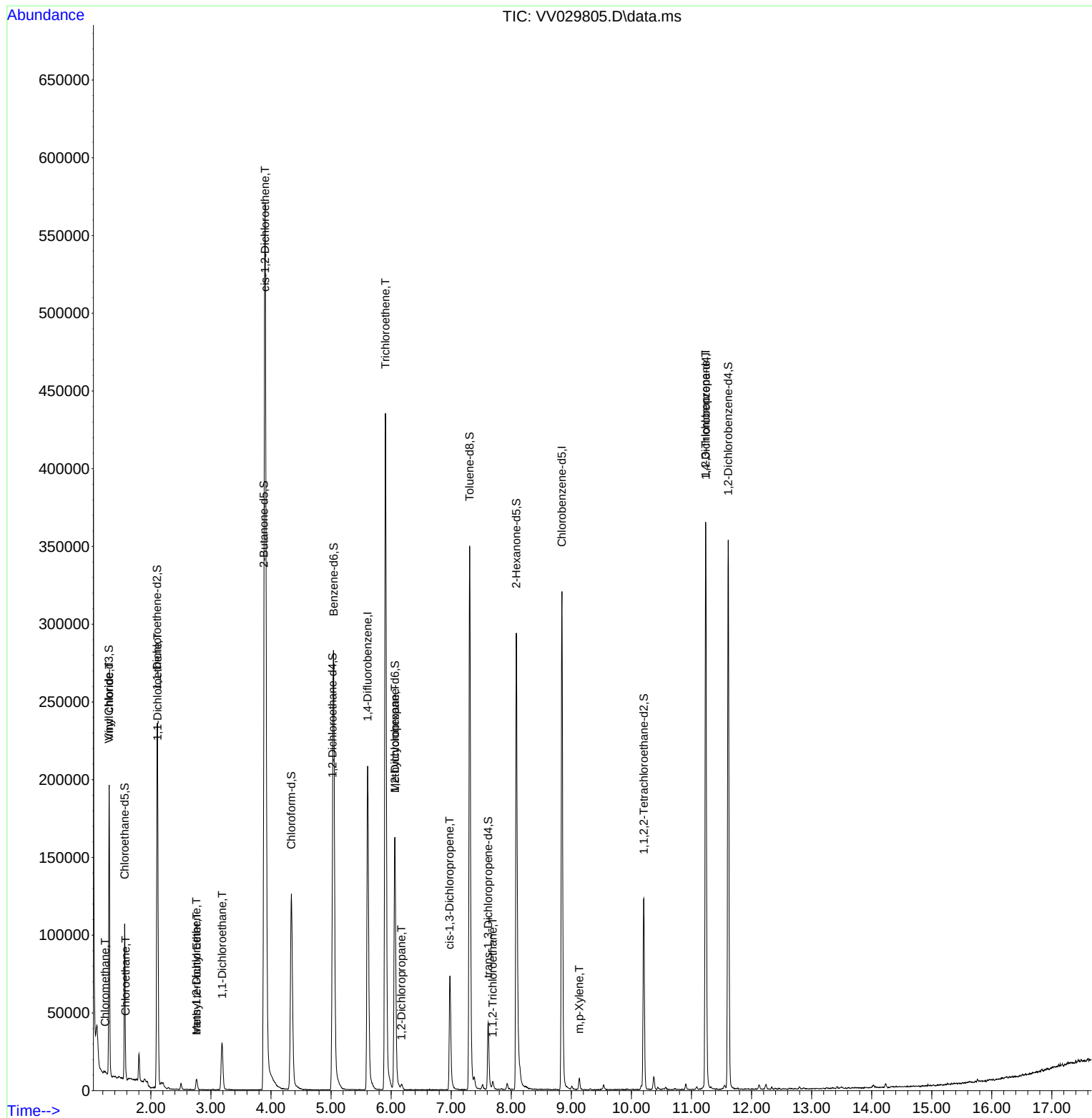
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	198227	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	191468	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	102969	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71060	4.726	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.564	69	62004	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.104	63	106944	3.902	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	3.883	46	119462	44.828	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.660%
24) Chloroform-d	4.339	84	138090	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.024	65	60560	5.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.043	84	287496	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.063	67	88951	5.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.307	98	251050	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.616	79	28053	4.621	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.085	63	114985	46.525	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.060%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	62004	5.090	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	96571	5.159	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	969	0.050	ug/L	88
5) Vinyl chloride	1.307	62	53440	2.807	ug/L	99
8) Chloroethane	1.580	64	1154	0.100	ug/L	98
12) 1,1-Dichloroethene	2.114	96	29805	1.761	ug/L #	42
17) Methyl tert-butyl Ether	2.764	73	2416	0.083	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	2460	0.156	ug/L	91
19) 1,1-Dichloroethane	3.185	63	32041	1.217	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	331093	19.748	ug/L	100
34) Trichloroethene	5.905	95	161868	10.090	ug/L	97
35) Methylcyclohexane	6.063	83	21437	0.791	ug/L #	20
37) 1,2-Dichloropropane	6.172	63	1517	0.102	ug/L #	85
39) cis-1,3-Dichloropropene	6.972	75	1956	0.098	ug/L #	49
45) 1,1,2-Trichloroethane	7.693	97	4161	0.390	ug/L #	19
53) m,p-Xylene	9.133	106	2471	0.087	ug/L	96
61) 1,2,3-Trichloropropane	11.236	75	11171	1.465	ug/L #	65

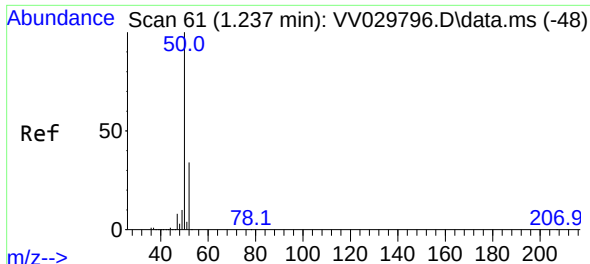
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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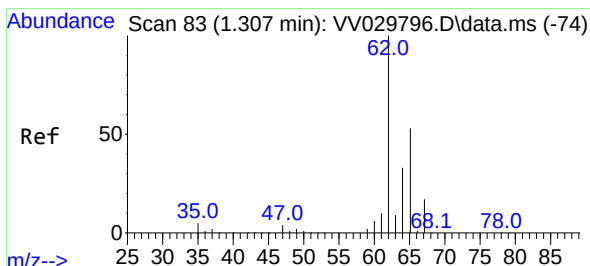
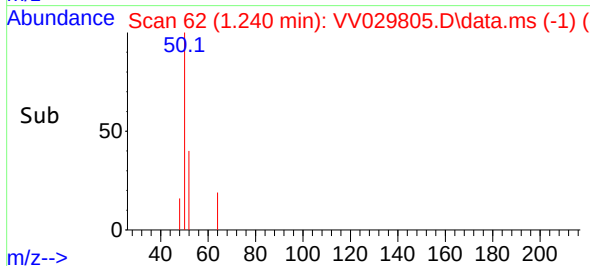
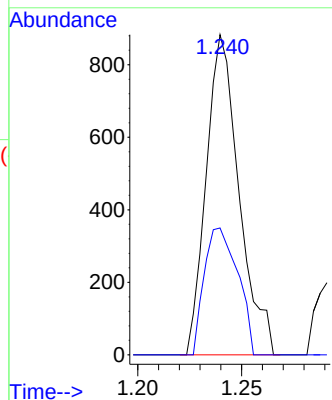
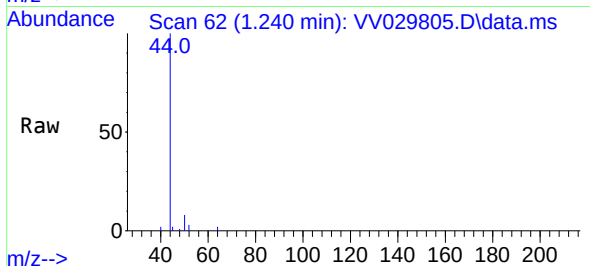




#3
Chloromethane
Concen: 0.050 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029805.D
Acq: 13 Jan 2023 13:54

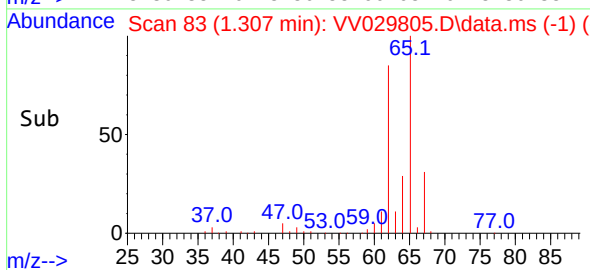
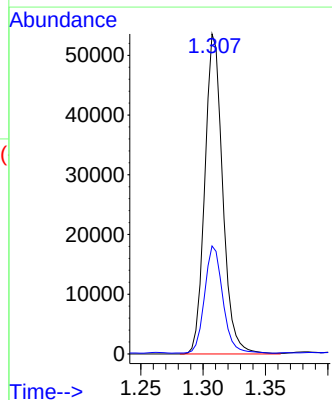
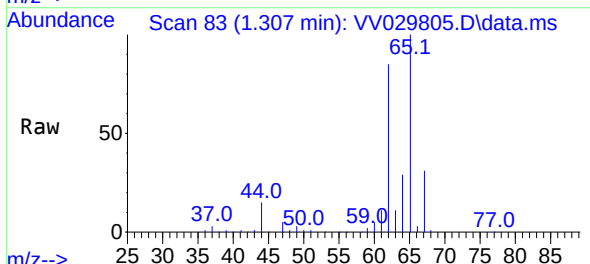
Instrument :
MSVOA_V
ClientSampleId :
BH1W1

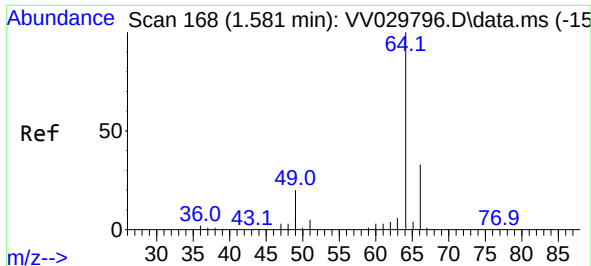
Tgt Ion: 50 Resp: 969
Ion Ratio Lower Upper
50 100
52 39.6 23.1 42.9



#5
Vinyl chloride
Concen: 2.807 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029805.D
Acq: 13 Jan 2023 13:54

Tgt Ion: 62 Resp: 53440
Ion Ratio Lower Upper
62 100
64 33.7 23.2 43.2

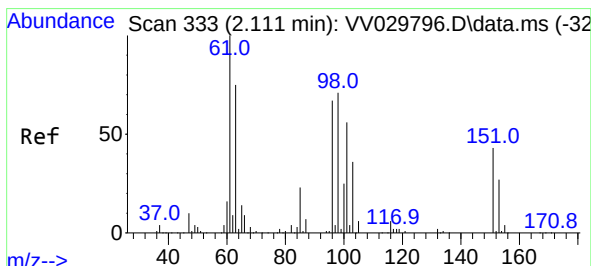
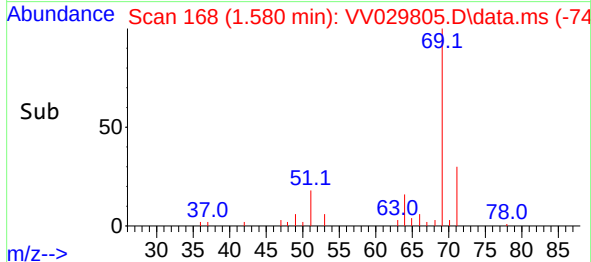
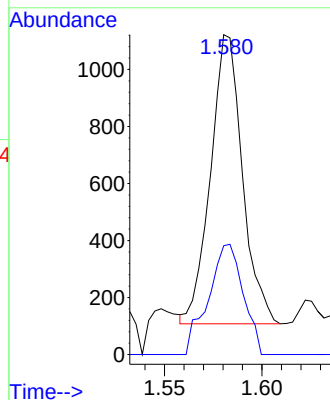
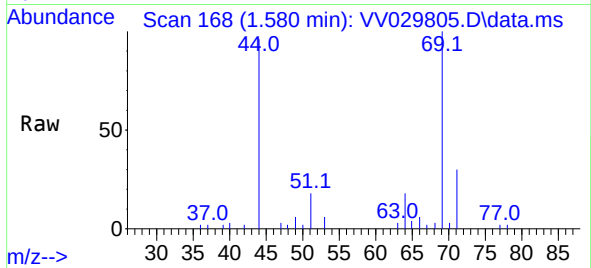




#8
Chloroethane
Concen: 0.100 ug/L
RT: 1.580 min Scan# 1154
Delta R.T. 0.003 min
Lab File: VV029805.D
Acq: 13 Jan 2023 13:54

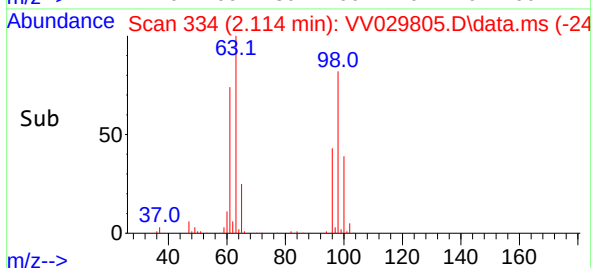
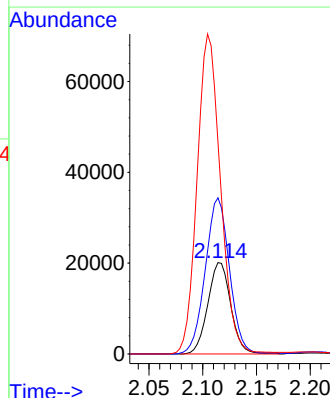
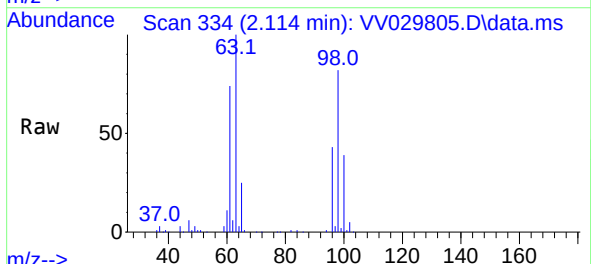
Instrument :
MSVOA_V
ClientSampleId :
BH1W1

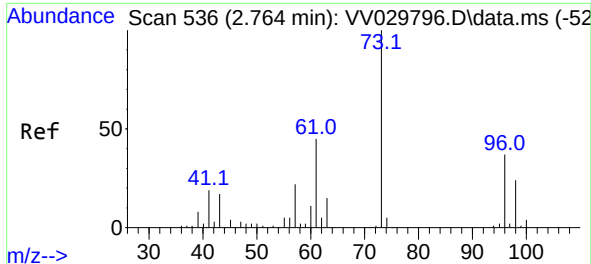
Tgt Ion: 64 Resp: 1154
Ion Ratio Lower Upper
64 100
66 34.0 22.9 42.5



#12
1,1-Dichloroethene
Concen: 1.761 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029805.D
Acq: 13 Jan 2023 13:54

Tgt Ion: 96 Resp: 29805
Ion Ratio Lower Upper
96 100
61 171.0 106.1 197.1
63 232.0 76.4 141.8#





#17

Methyl tert-butyl Ether

Concen: 0.083 ug/L

RT: 2.764 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV029805.D

Acq: 13 Jan 2023 13:54

Instrument :

MSVOA_V

ClientSampleId :

BH1W1

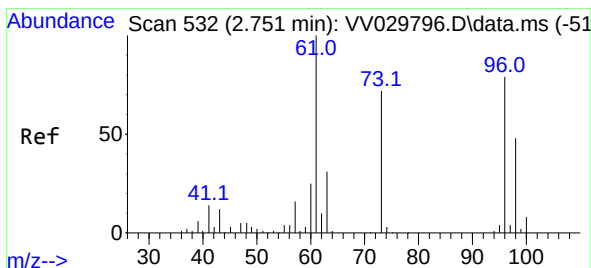
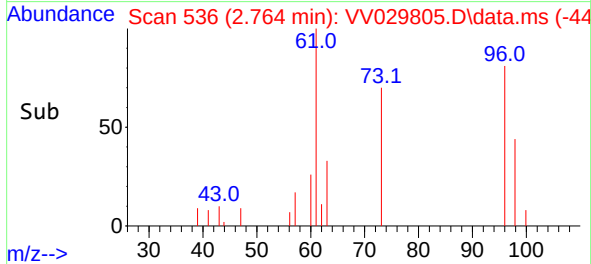
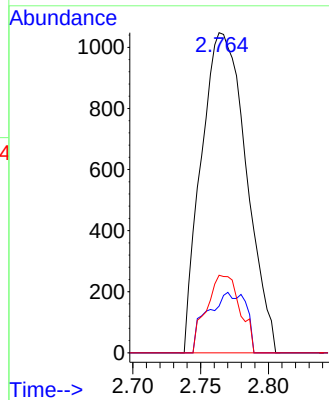
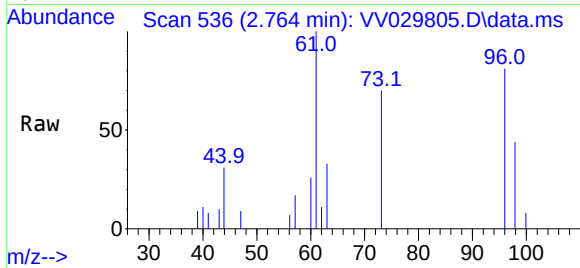
Tgt Ion: 73 Resp: 2416

Ion Ratio Lower Upper

73 100

43 16.2 13.0 19.4

57 18.0 17.1 25.7



#18

trans-1,2-Dichloroethene

Concen: 0.156 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.006 min

Lab File: VV029805.D

Acq: 13 Jan 2023 13:54

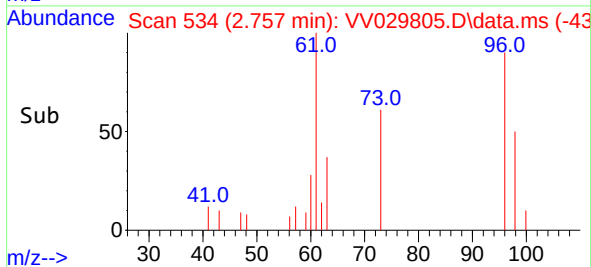
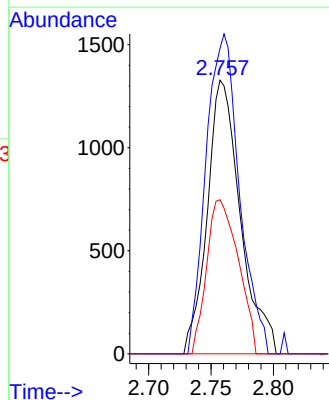
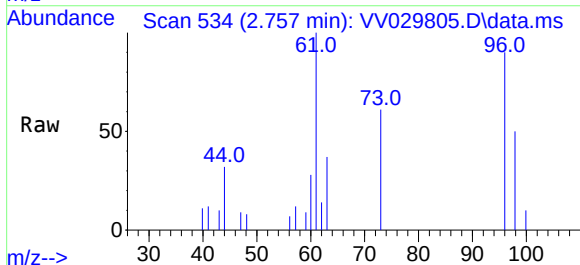
Tgt Ion: 96 Resp: 2460

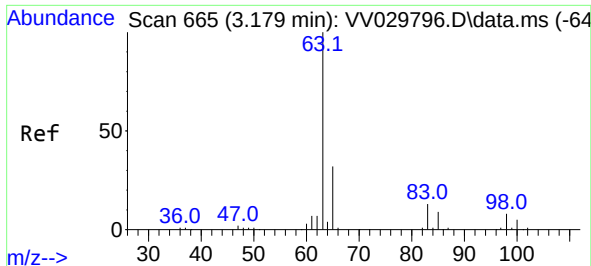
Ion Ratio Lower Upper

96 100

61 111.7 86.1 159.9

98 56.3 43.9 81.5





#19

1,1-Dichloroethane

Concen: 1.217 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029805.D

Acq: 13 Jan 2023 13:54

Instrument :

MSVOA_V

ClientSampleId :

BH1W1

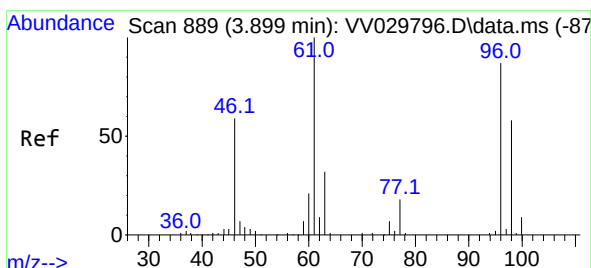
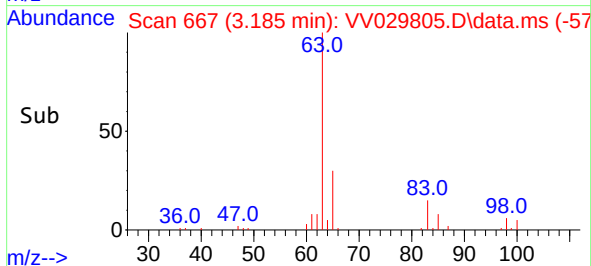
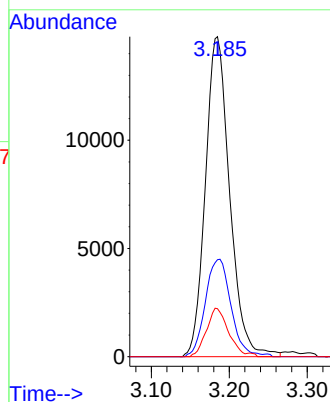
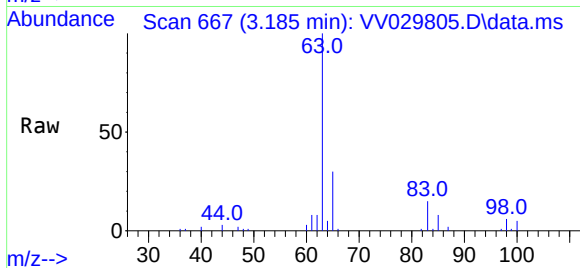
Tgt Ion: 63 Resp: 32041

Ion Ratio Lower Upper

63 100

65 30.3 22.4 41.6

83 15.0 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 19.748 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV029805.D

Acq: 13 Jan 2023 13:54

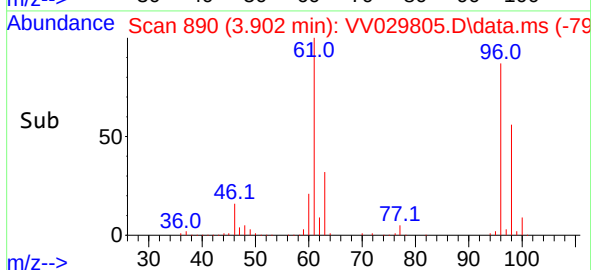
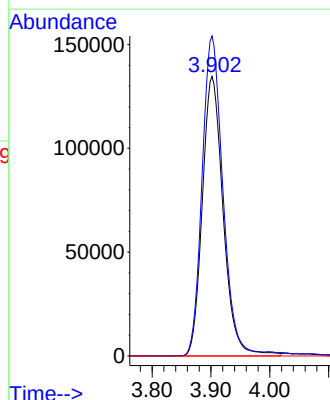
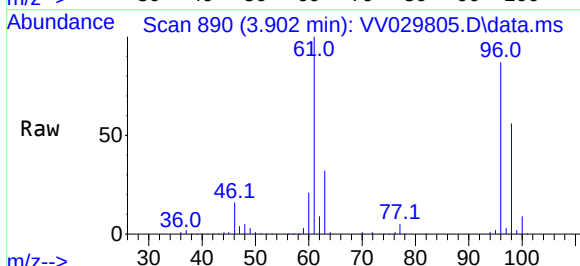
Tgt Ion: 96 Resp: 331093

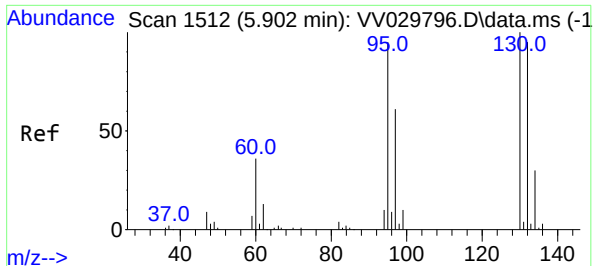
Ion Ratio Lower Upper

96 100

61 114.5 80.0 148.6

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 10.090 ug/L

RT: 5.905 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV029805.D

Acq: 13 Jan 2023 13:54

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MSVOA_V

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Tgt Ion: 95 Resp: 161868

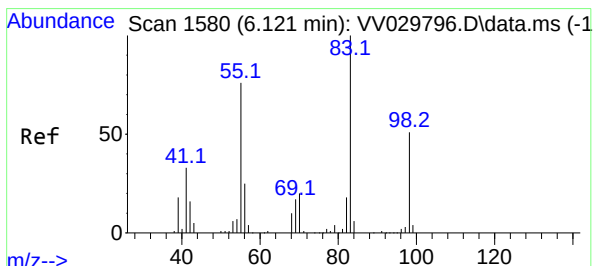
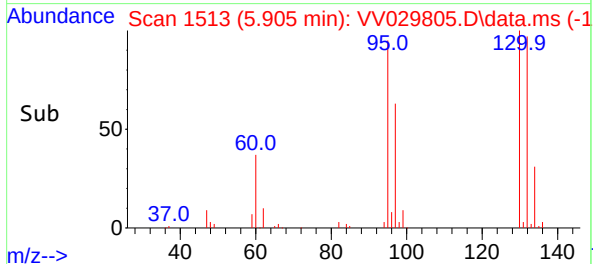
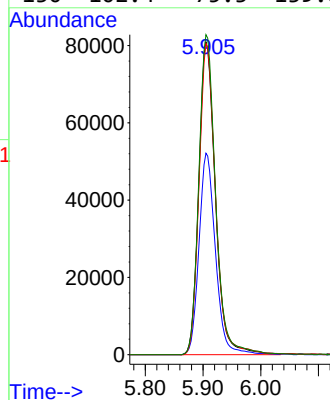
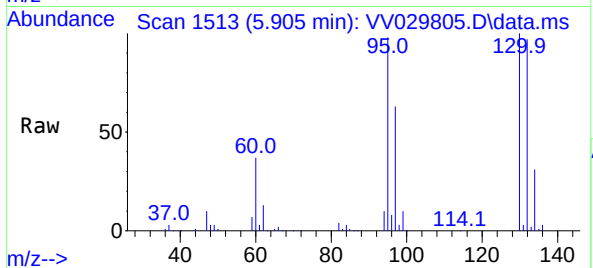
Ion Ratio Lower Upper

95 100

97 64.4 44.9 83.3

132 99.6 71.8 133.4

130 102.4 75.3 139.8



#35

Methylcyclohexane

Concen: 0.791 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029805.D

Acq: 13 Jan 2023 13:54

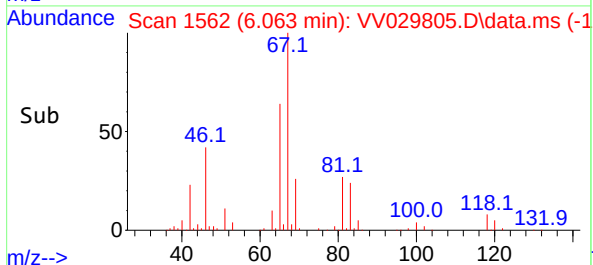
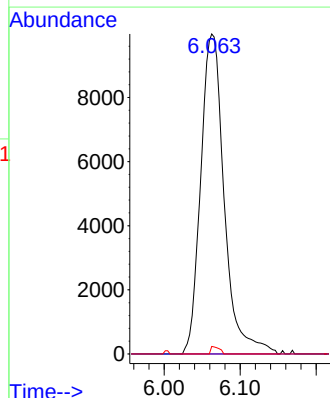
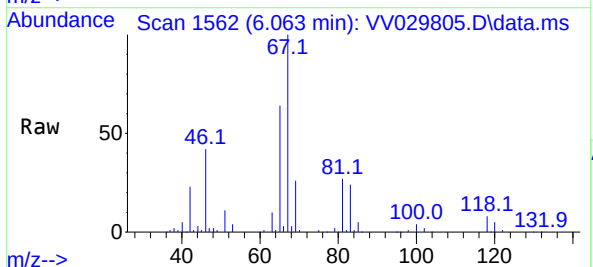
Tgt Ion: 83 Resp: 21437

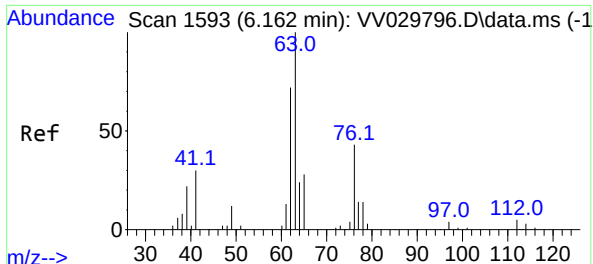
Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 0.8 39.0 58.6#

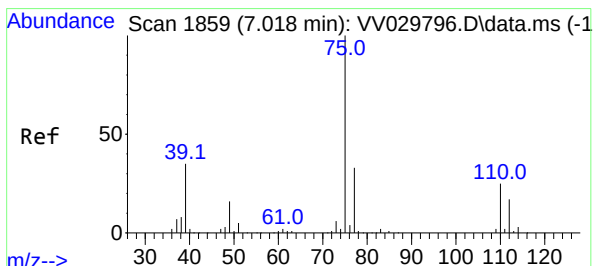
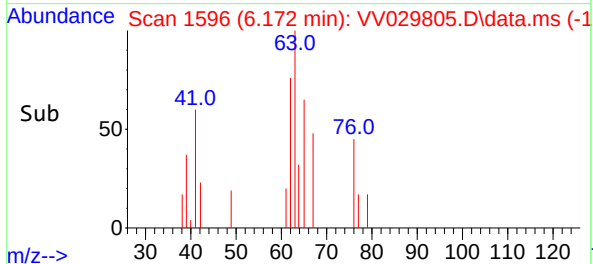
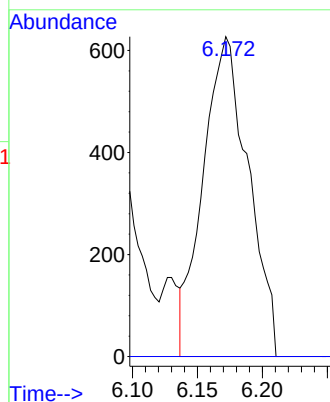
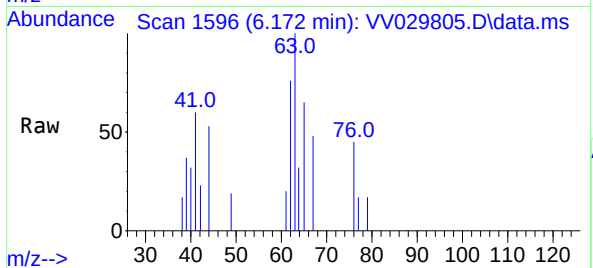




#37
1,2-Dichloropropane
Concen: 0.102 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.009 min
Lab File: VV029805.D
Acq: 13 Jan 2023 13:54

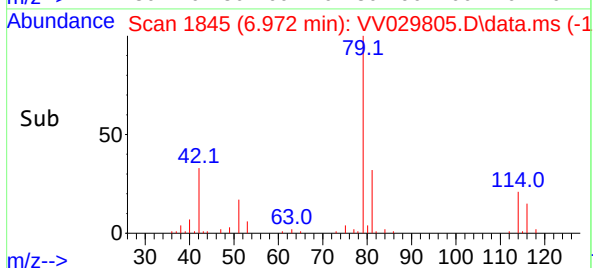
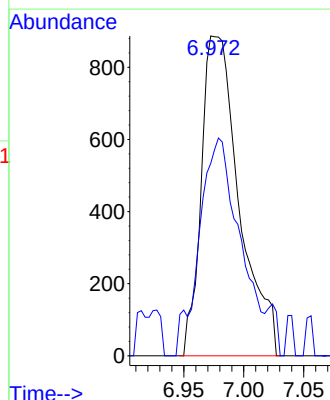
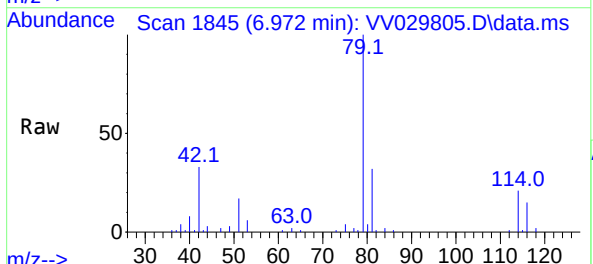
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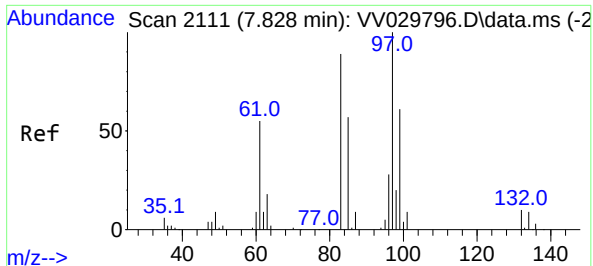
Tgt Ion: 63 Resp: 1517
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 6.972 min Scan# 1845
Delta R.T. -0.045 min
Lab File: VV029805.D
Acq: 13 Jan 2023 13:54

Tgt Ion: 75 Resp: 1956
Ion Ratio Lower Upper
75 100
77 60.2 22.4 41.6#

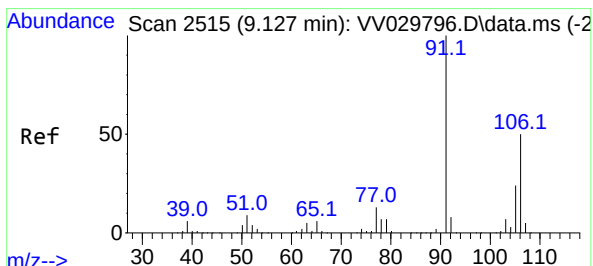
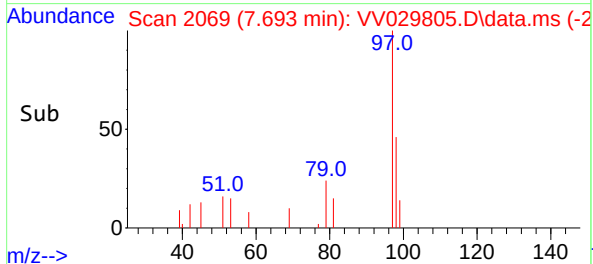
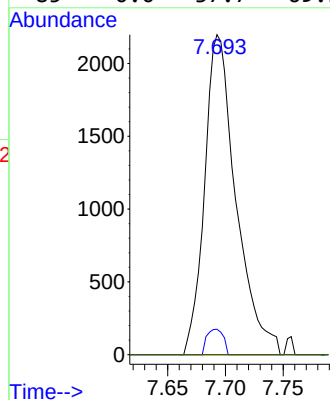
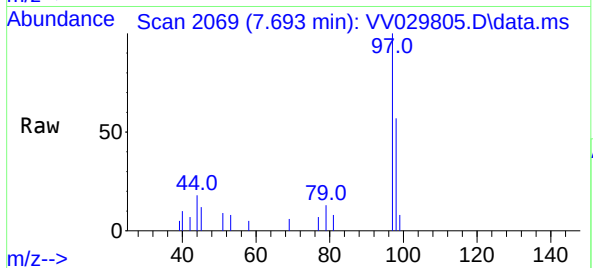




#45
1,1,2-Trichloroethane
Concen: 0.390 ug/L
RT: 7.693 min Scan# 2069
Delta R.T. -0.138 min
Lab File: VV029805.D
Acq: 13 Jan 2023 13:54

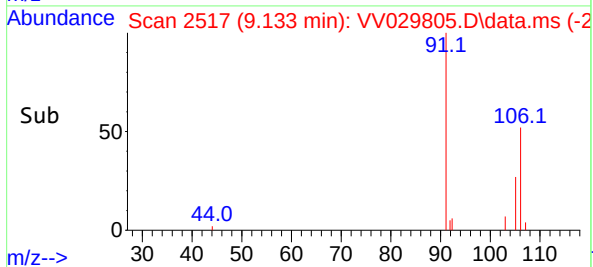
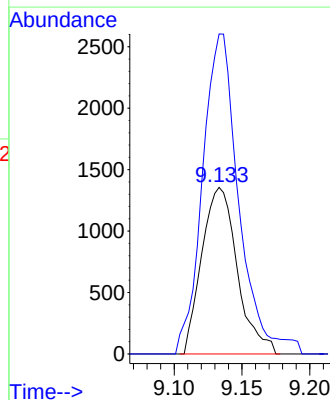
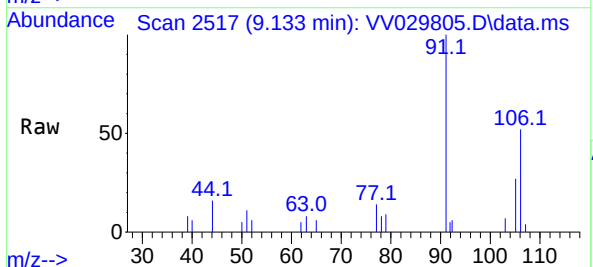
Instrument :
MSVOA_V
ClientSampleId :
BH1W1

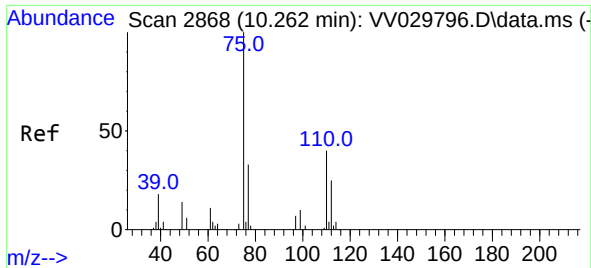
Tgt Ion: 97	Resp: 4161
Ion Ratio	Lower Upper
97 100	
99 8.0	41.9 77.7#
83 0.0	58.7 109.1#
85 0.0	37.7 69.9#



#53
m,p-Xylene
Concen: 0.087 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV029805.D
Acq: 13 Jan 2023 13:54

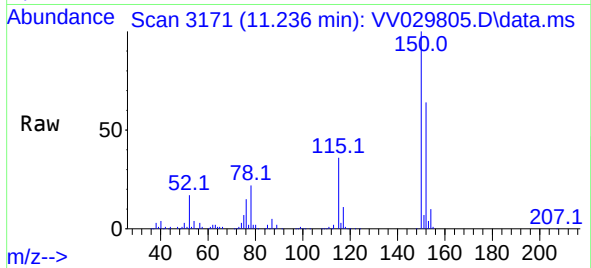
Tgt Ion:106	Resp:	2471	
Ion	Ratio	Lower	Upper
106	100		
91	192.0	138.7	257.7





#61
 1,2,3-Trichloropropane
 Concen: 1.465 ug/L
 RT: 11.236 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV029805.D
 Acq: 13 Jan 2023 13:54

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W1



Tgt Ion: 75 Resp: 11171
 Ion Ratio Lower Upper
 75 100
 77 35.7 26.5 39.7
 110 2.5 31.8 47.8#

