

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012623\
 Data File : VW029962.D
 Acq On : 26 Jan 2023 14:31
 Operator : SY/MD
 Sample : 01295-07 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COLD0

Quant Time: Jan 27 01:30:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 27 01:28:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	239287	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	214820	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	112734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	96536	5.319	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.400%
7) Chloroethane-d5	1.558	69	82008	5.451	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.000%
11) 1,1-Dichloroethene-d2	2.095	63	132393	4.001	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	3.992	46	176034	54.722	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.440%
24) Chloroform-d	4.336	84	148715	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.024	65	65660	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.031	84	314888	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.063	67	92579	4.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.304	98	244764	4.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.616	79	29689	4.359	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.104	63	127536	45.994	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.980%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	64600	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	89515	4.367	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	3121	0.133	ug/L	84
5) Vinyl chloride	1.298	62	4979	0.217	ug/L #	62
12) 1,1-Dichloroethene	2.105	96	13017	0.637	ug/L #	1
13) Acetone	2.282	43	5829	2.539	ug/L	81
14) Carbon disulfide	2.282	76	21755	0.370	ug/L #	94
15) Methyl Acetate	2.381	43	2180	0.365	ug/L #	49
19) 1,1-Dichloroethane	3.175	63	11427	0.360	ug/L	99
22) cis-1,2-Dichloroethene	3.896	96	56455	2.789	ug/L #	80
29) 1,1,1-Trichloroethane	4.590	97	4003	0.144	ug/L #	87
34) Trichloroethene	5.899	95	72409	4.023	ug/L	96
35) Methylcyclohexane	6.063	83	20263	0.667	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	9151	0.550	ug/L #	85
39) cis-1,3-Dichloropropene	6.976	75	1912	0.086	ug/L #	4
47) Tetrachloroethene	7.963	164	97051	6.404	ug/L	98
49) Dibromochloromethane	7.963	129	87724	6.237	ug/L #	11
61) 1,2,3-Trichloropropane	11.233	75	14266	1.709	ug/L #	62
71) Naphthalene	13.487	128	9663	0.324	ug/L	96

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 27 01:28:41 2023
Response via : Initial Calibration

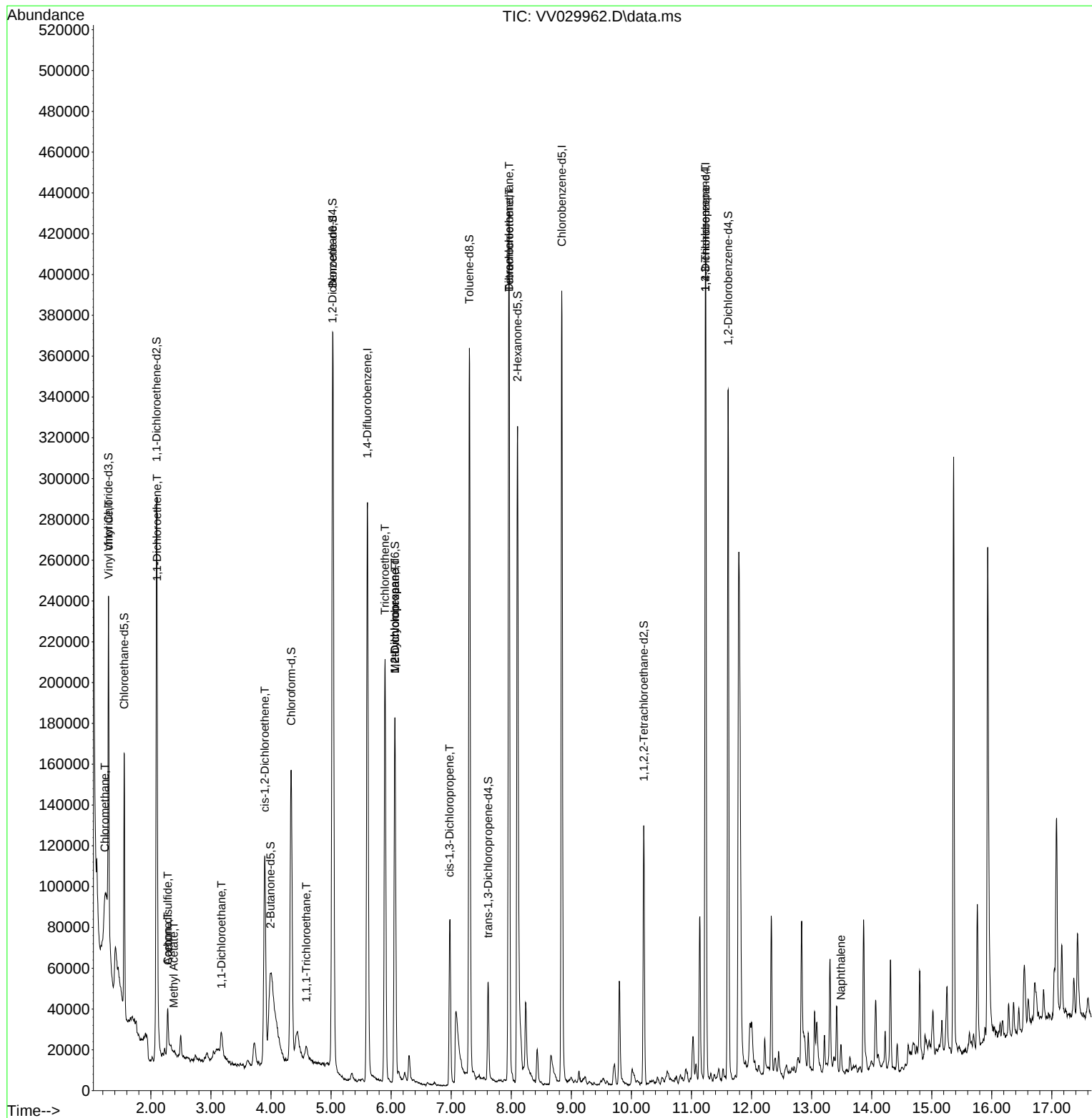
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

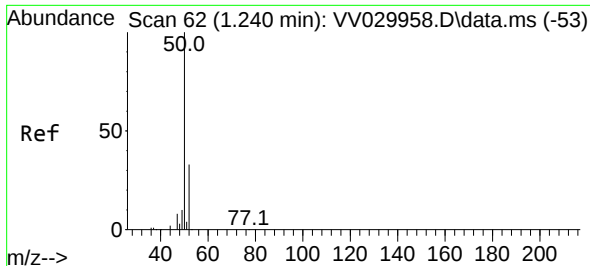
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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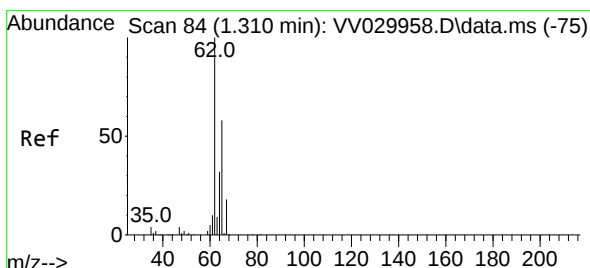
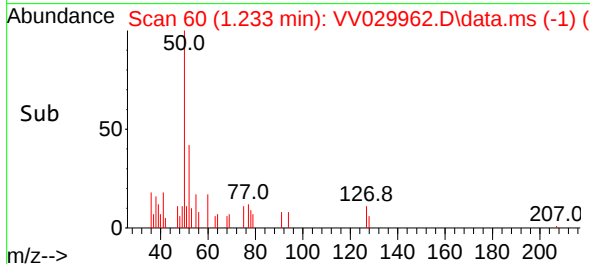
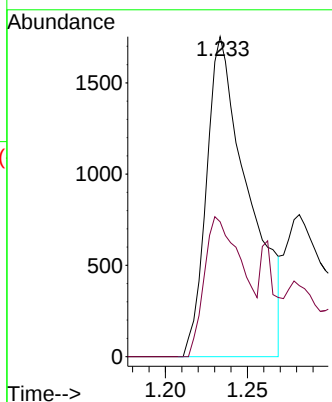
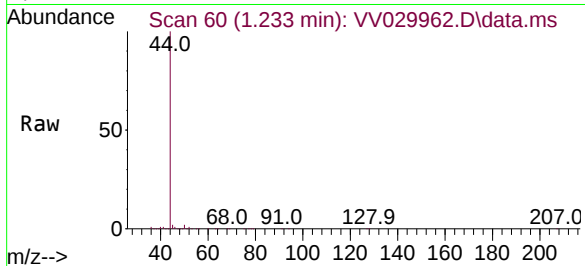




#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.006 min
Lab File: VV029962.D
Acq: 26 Jan 2023 14:31

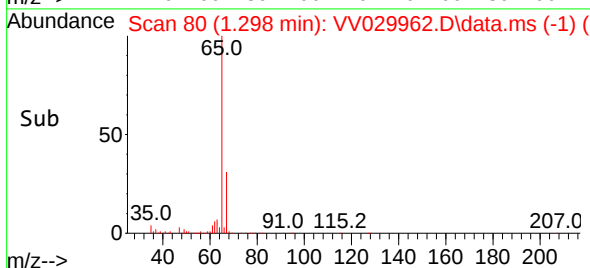
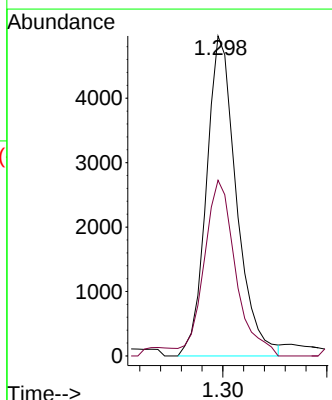
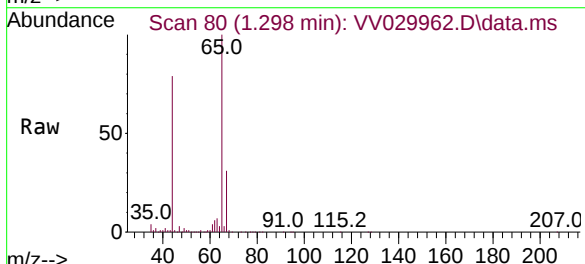
Instrument :
MSVOA_V
ClientSampleId :
COLD0

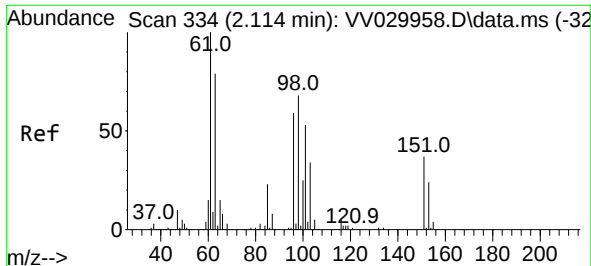
Tgt Ion: 50 Resp: 3121
Ion Ratio Lower Upper
50 100
52 42.2 23.1 42.9



#5
Vinyl chloride
Concen: 0.217 ug/L
RT: 1.298 min Scan# 80
Delta R.T. -0.013 min
Lab File: VV029962.D
Acq: 26 Jan 2023 14:31

Tgt Ion: 62 Resp: 4979
Ion Ratio Lower Upper
62 100
64 54.9 23.2 43.2#

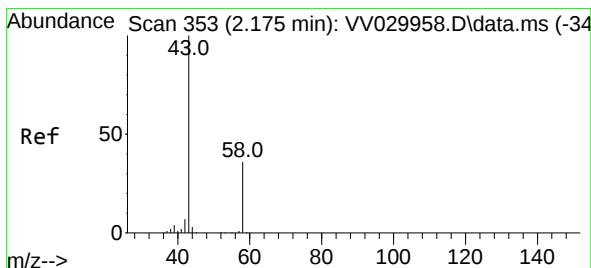
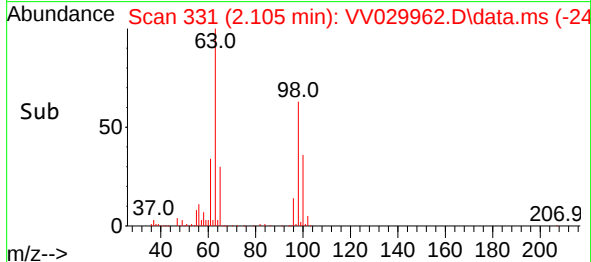
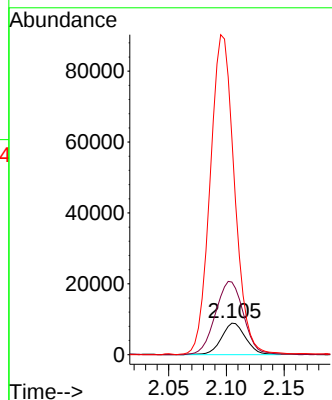
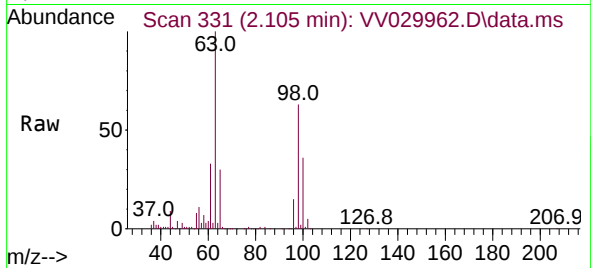




#12
1,1-Dichloroethene
Concen: 0.637 ug/L
RT: 2.105 min Scan# 31
Delta R.T. -0.009 min
Lab File: VV029962.D
Acq: 26 Jan 2023 14:31

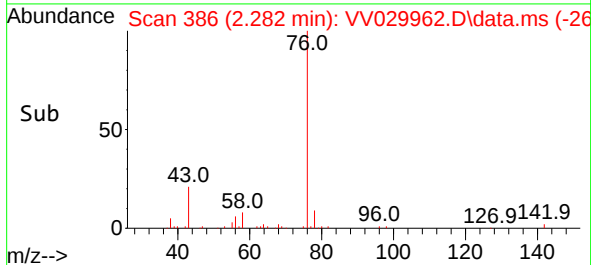
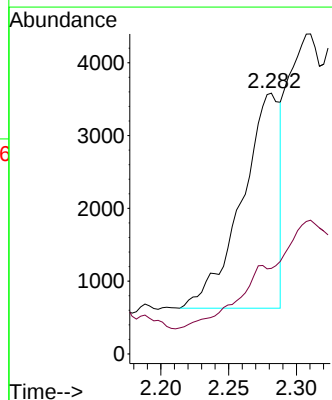
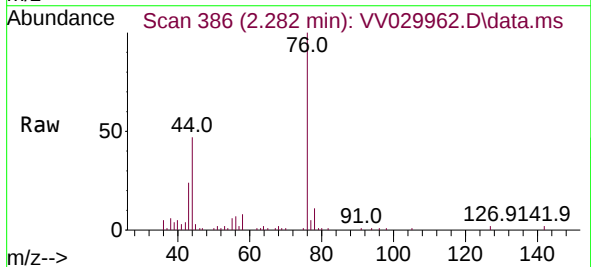
Instrument :
MSVOA_V
ClientSampleId :
COLD0

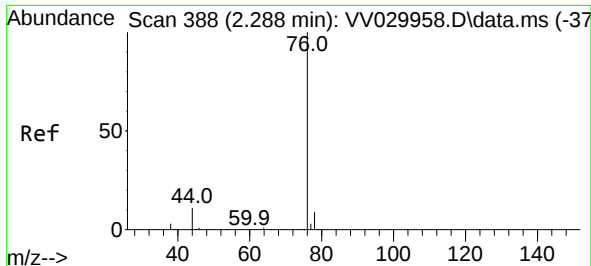
Tgt Ion: 96 Resp: 13017
Ion Ratio Lower Upper
96 100
61 230.0 106.1 197.1#
63 686.9 76.4 141.8#



#13
Acetone
Concen: 2.539 ug/L
RT: 2.282 min Scan# 386
Delta R.T. 0.106 min
Lab File: VV029962.D
Acq: 26 Jan 2023 14:31

Tgt Ion: 43 Resp: 5829
Ion Ratio Lower Upper
43 100
58 23.2 0.0 68.8

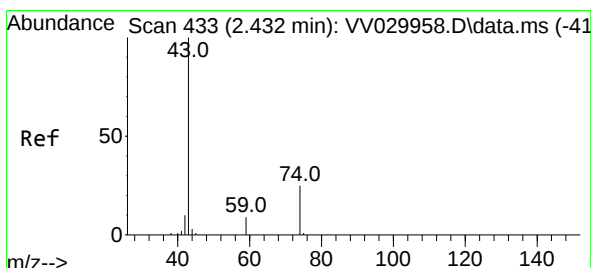
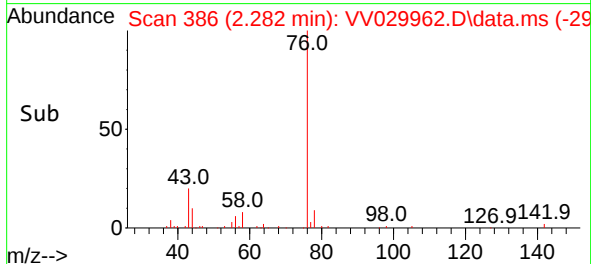
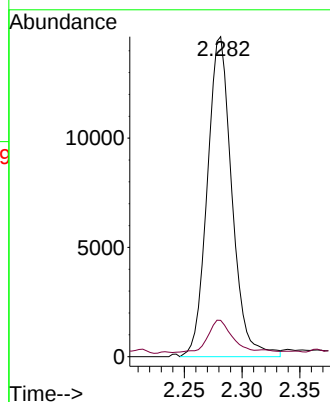
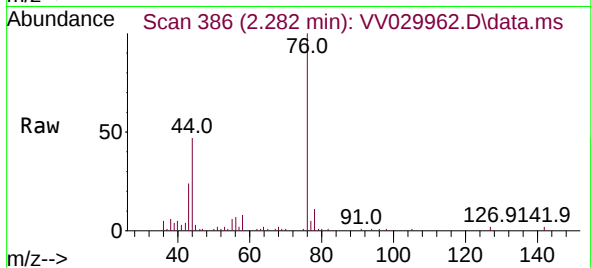




#14
Carbon disulfide
Concen: 0.370 ug/L
RT: 2.282 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV029962.D
Acq: 26 Jan 2023 14:31

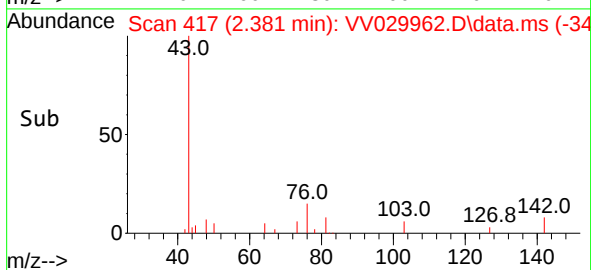
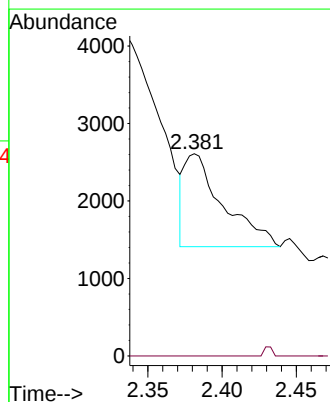
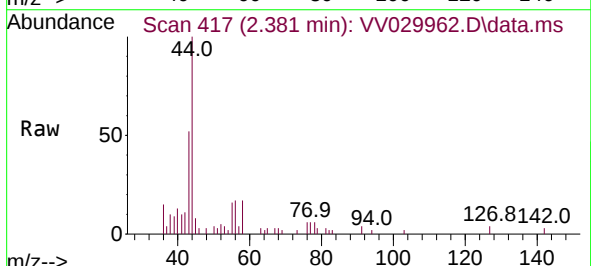
Instrument :
MSVOA_V
ClientSampleId :
COLD0

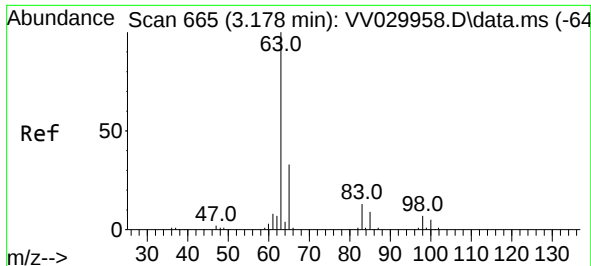
Tgt Ion: 76 Resp: 21755
Ion Ratio Lower Upper
76 100
78 11.3 7.4 11.0#



#15
Methyl Acetate
Concen: 0.365 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.051 min
Lab File: VV029962.D
Acq: 26 Jan 2023 14:31

Tgt Ion: 43 Resp: 2180
Ion Ratio Lower Upper
43 100
74 2.1 23.4 35.0#





#19

1,1-Dichloroethane

Concen: 0.360 ug/L

RT: 3.175 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV029962.D

Acq: 26 Jan 2023 14:31

Instrument :

MSVOA_V

ClientSampleId :

COLD0

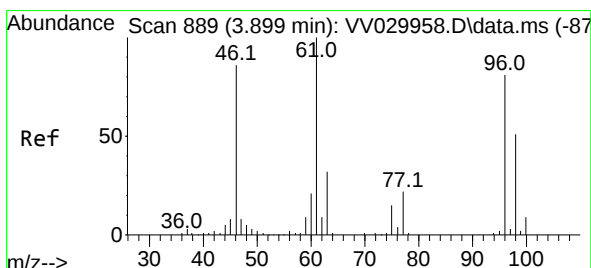
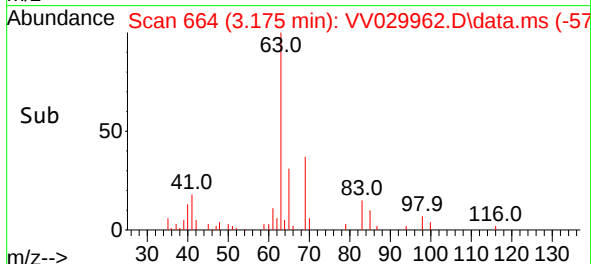
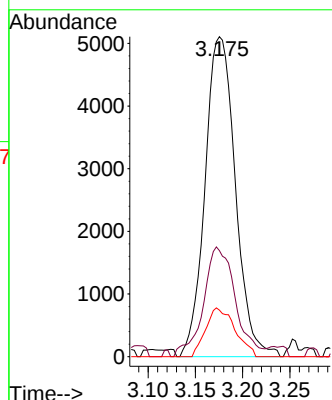
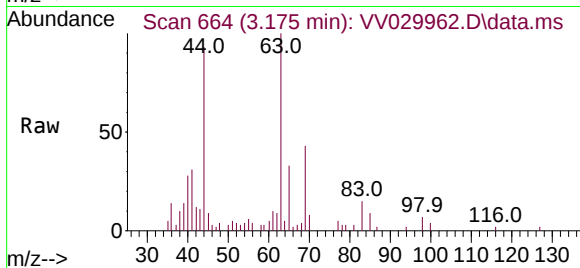
Tgt Ion: 63 Resp: 11427

Ion Ratio Lower Upper

63 100

65 33.1 22.4 41.6

83 14.6 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 2.789 ug/L

RT: 3.896 min Scan# 888

Delta R.T. -0.003 min

Lab File: VV029962.D

Acq: 26 Jan 2023 14:31

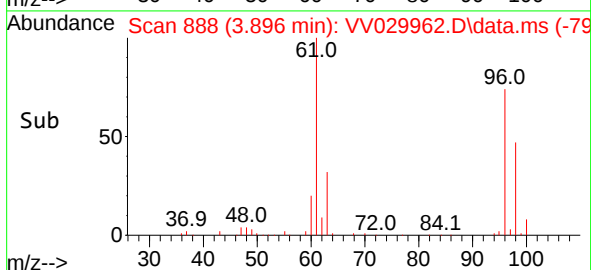
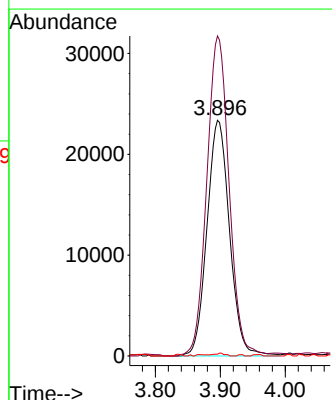
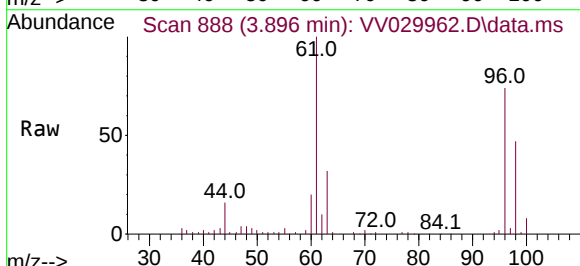
Tgt Ion: 96 Resp: 56455

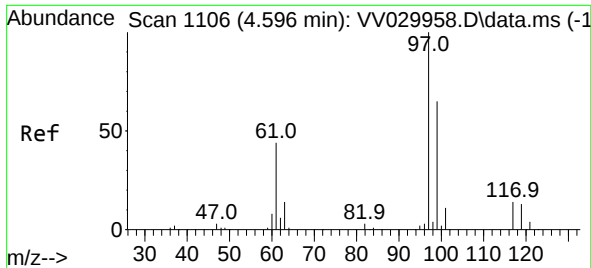
Ion Ratio Lower Upper

96 100

61 135.8 80.0 148.6

68 0.8 0.0 0.0#

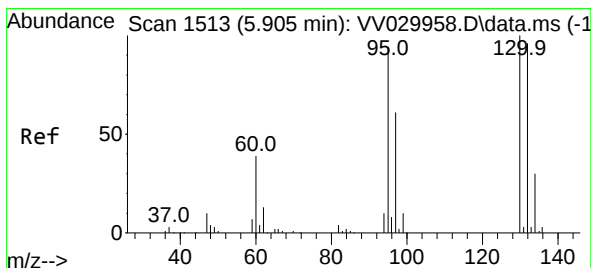
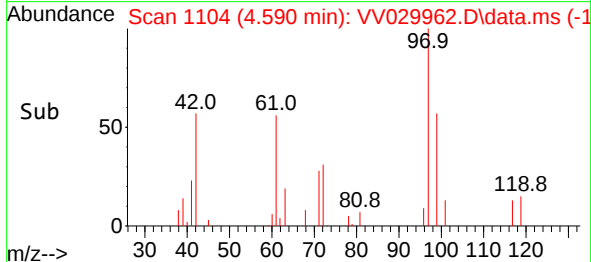
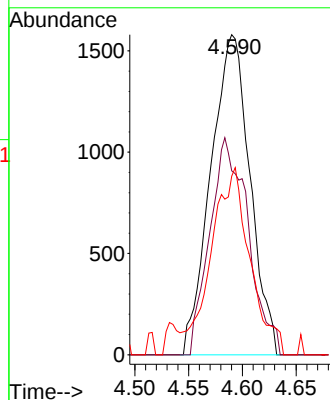
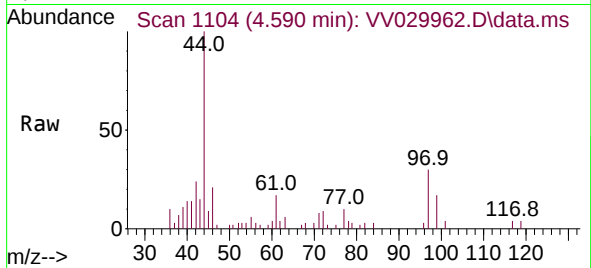




#29
1,1,1-Trichloroethane
Concen: 0.144 ug/L
RT: 4.590 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VV029962.D
Acq: 26 Jan 2023 14:31

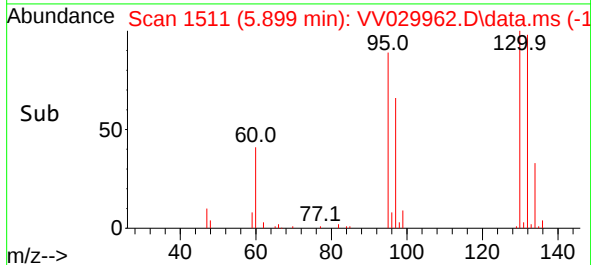
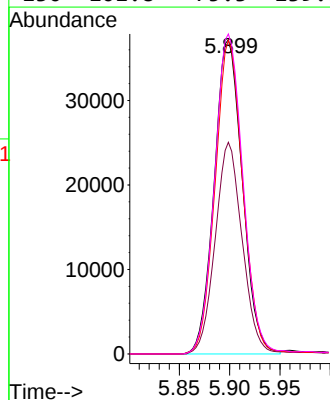
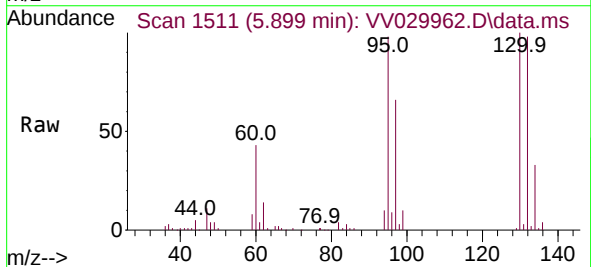
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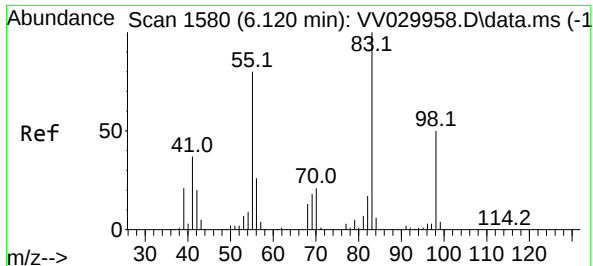
Tgt Ion: 97 Resp: 4003
Ion Ratio Lower Upper
97 100
99 66.4 51.3 76.9
61 57.5 31.6 47.4#



#34
Trichloroethene
Concen: 4.023 ug/L
RT: 5.899 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VV029962.D
Acq: 26 Jan 2023 14:31

Tgt Ion: 95 Resp: 72409
Ion Ratio Lower Upper
95 100
97 67.4 44.9 83.3
132 99.8 71.8 133.4
130 101.8 75.3 139.8





#35

Methylcyclohexane

Concen: 0.667 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029962.D

Acq: 26 Jan 2023 14:31

Instrument :

MSVOA_V

ClientSampleId :

COLD0

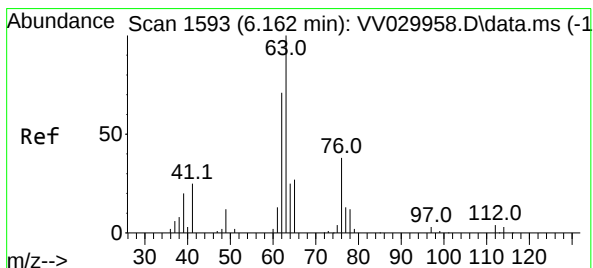
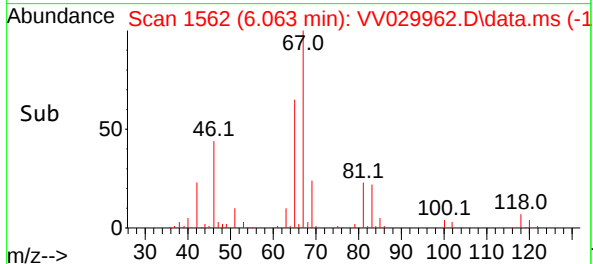
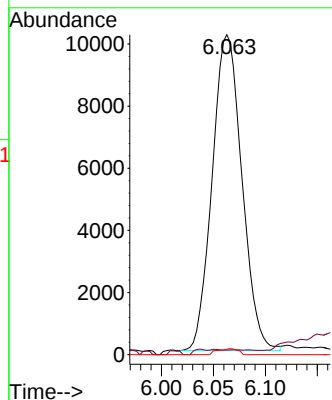
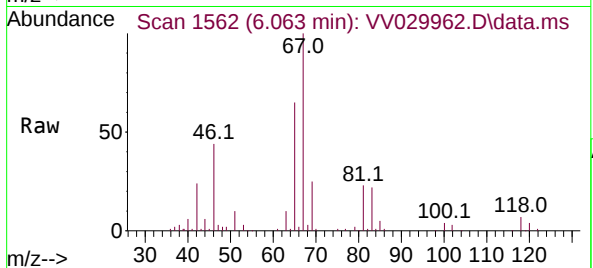
Tgt Ion: 83 Resp: 20263

Ion Ratio Lower Upper

83 100

55 0.7 57.3 85.9#

98 1.3 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.099 min

Lab File: VV029962.D

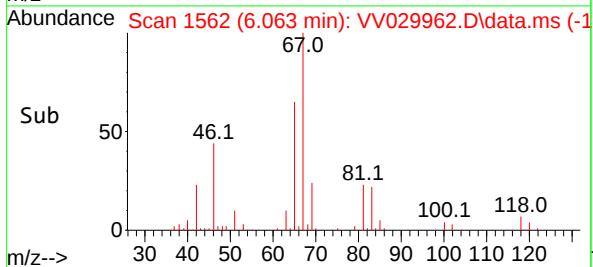
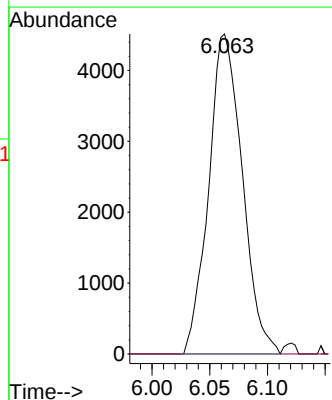
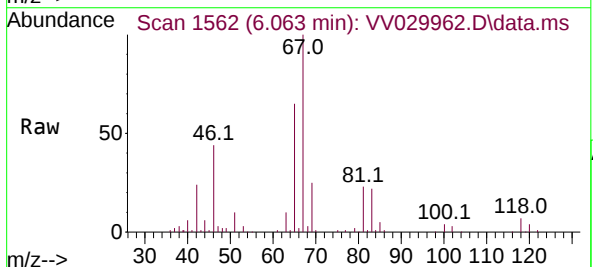
Acq: 26 Jan 2023 14:31

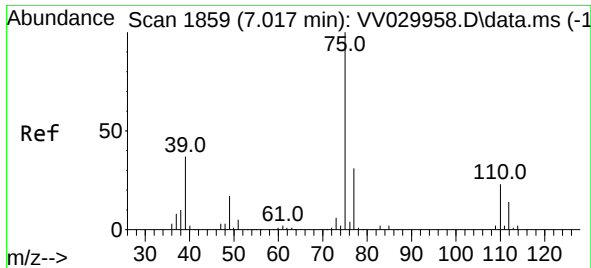
Tgt Ion: 63 Resp: 9151

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.976 min Scan# 1846

Delta R.T. -0.042 min

Lab File: VV029962.D

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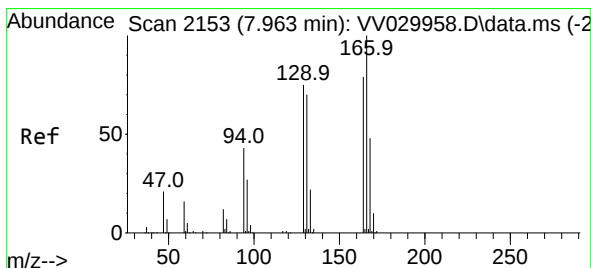
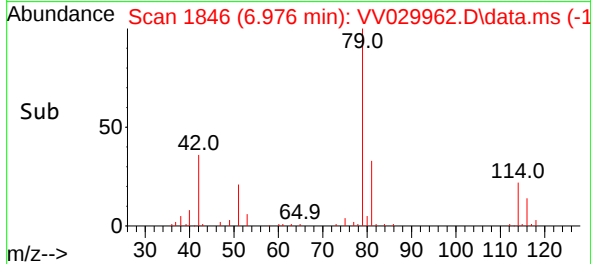
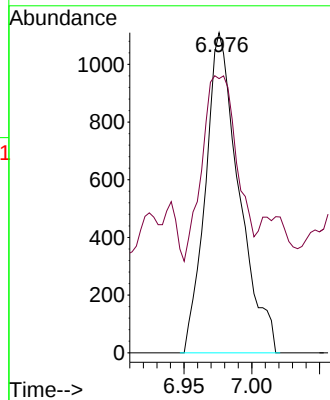
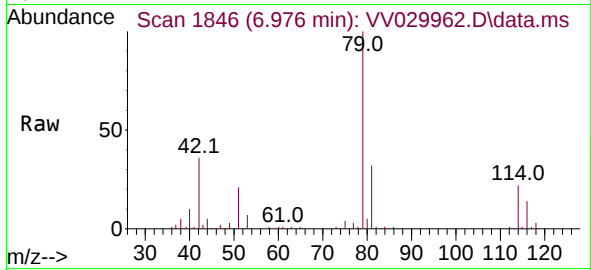
COLD0

Tgt Ion: 75 Resp: 1912

Ion Ratio Lower Upper

75 100

77 85.7 22.4 41.6#



#47

Tetrachloroethene

Concen: 6.404 ug/L

RT: 7.963 min Scan# 2153

Delta R.T. 0.000 min

Lab File: VV029962.D

Acq: 26 Jan 2023 14:31

Tgt Ion: 164 Resp: 97051

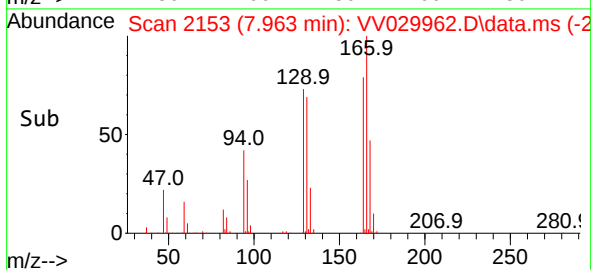
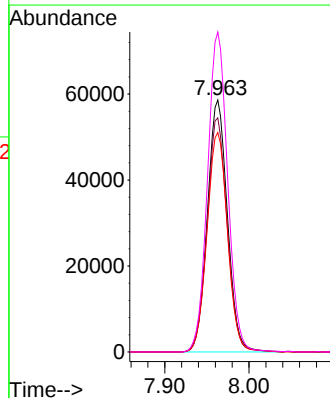
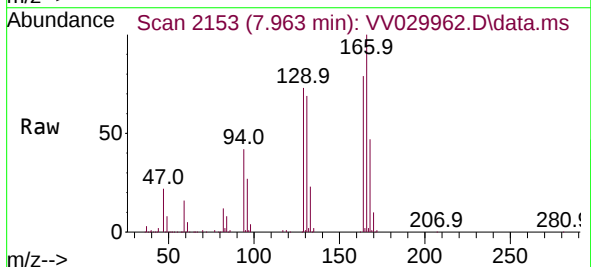
Ion Ratio Lower Upper

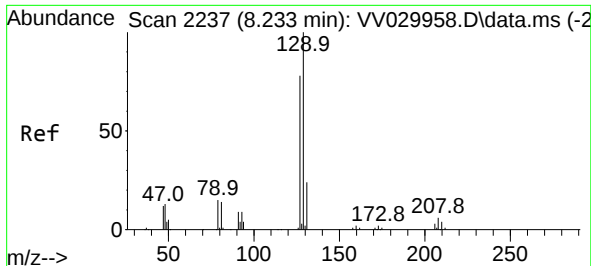
164 100

129 92.9 64.5 119.7

131 87.0 62.9 116.7

166 127.0 90.7 168.5





#49

Dibromochloromethane

Concen: 6.237 ug/L

RT: 7.963 min Scan# 2153

Delta R.T. -0.270 min

Lab File: VV029962.D

Acq: 26 Jan 2023 14:31

Instrument :

MSVOA_V

ClientSampleId :

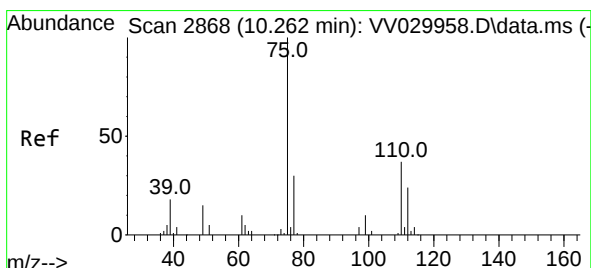
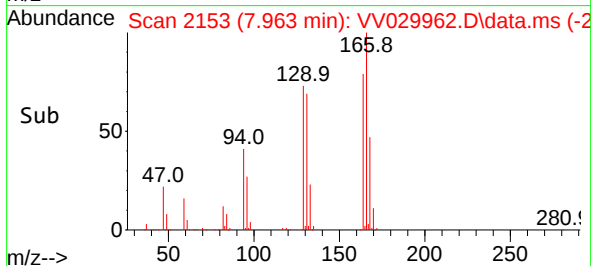
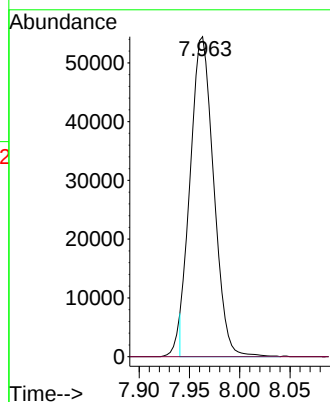
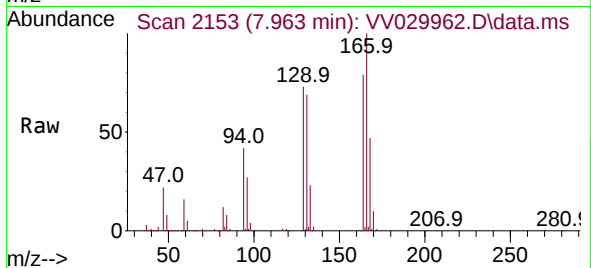
COLD0

Tgt Ion:129 Resp: 87724

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.709 ug/L

RT: 11.233 min Scan# 3170

Delta R.T. 0.971 min

Lab File: VV029962.D

Acq: 26 Jan 2023 14:31

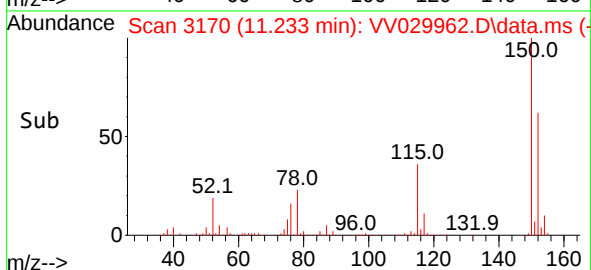
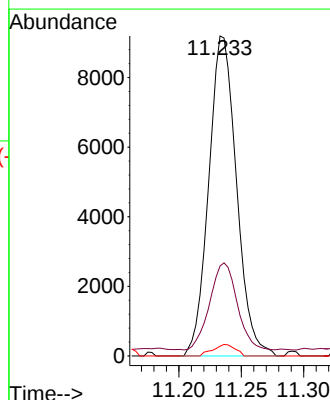
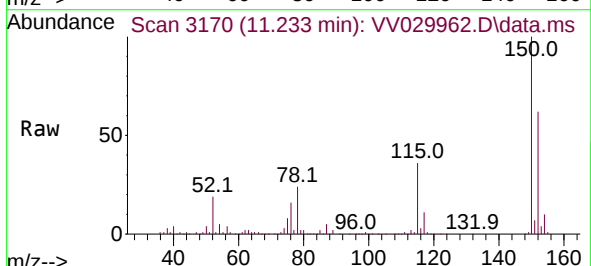
Tgt Ion: 75 Resp: 14266

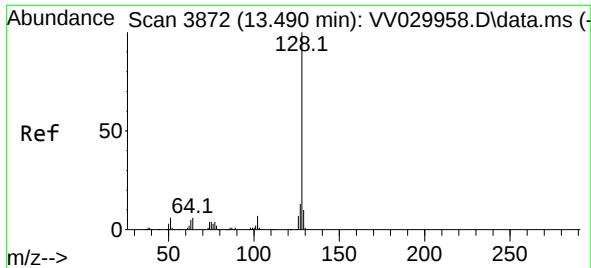
Ion Ratio Lower Upper

75 100

77 26.7 26.5 39.7

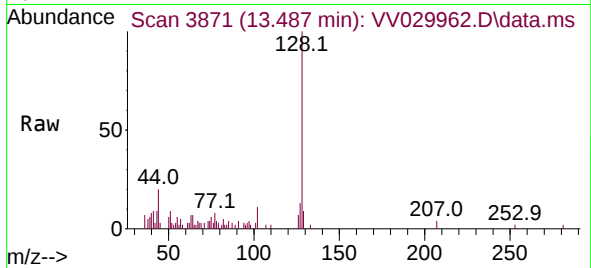
110 2.8 31.8 47.8#





#71
Naphthalene
Concen: 0.324 ug/L
RT: 13.487 min Scan# 3871
Delta R.T. -0.003 min
Lab File: VV029962.D
Acq: 26 Jan 2023 14:31

Instrument :
MSVOA_V
ClientSampleId :
COLD0



Tgt Ion:	128	Resp:	9663
Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.6	12.8
127	14.1	10.0	15.0

