

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029886.D
 Acq On : 16 Jan 2023 19:33
 Operator : SY/MD
 Sample : 01136-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Jan 17 00:39:54 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)

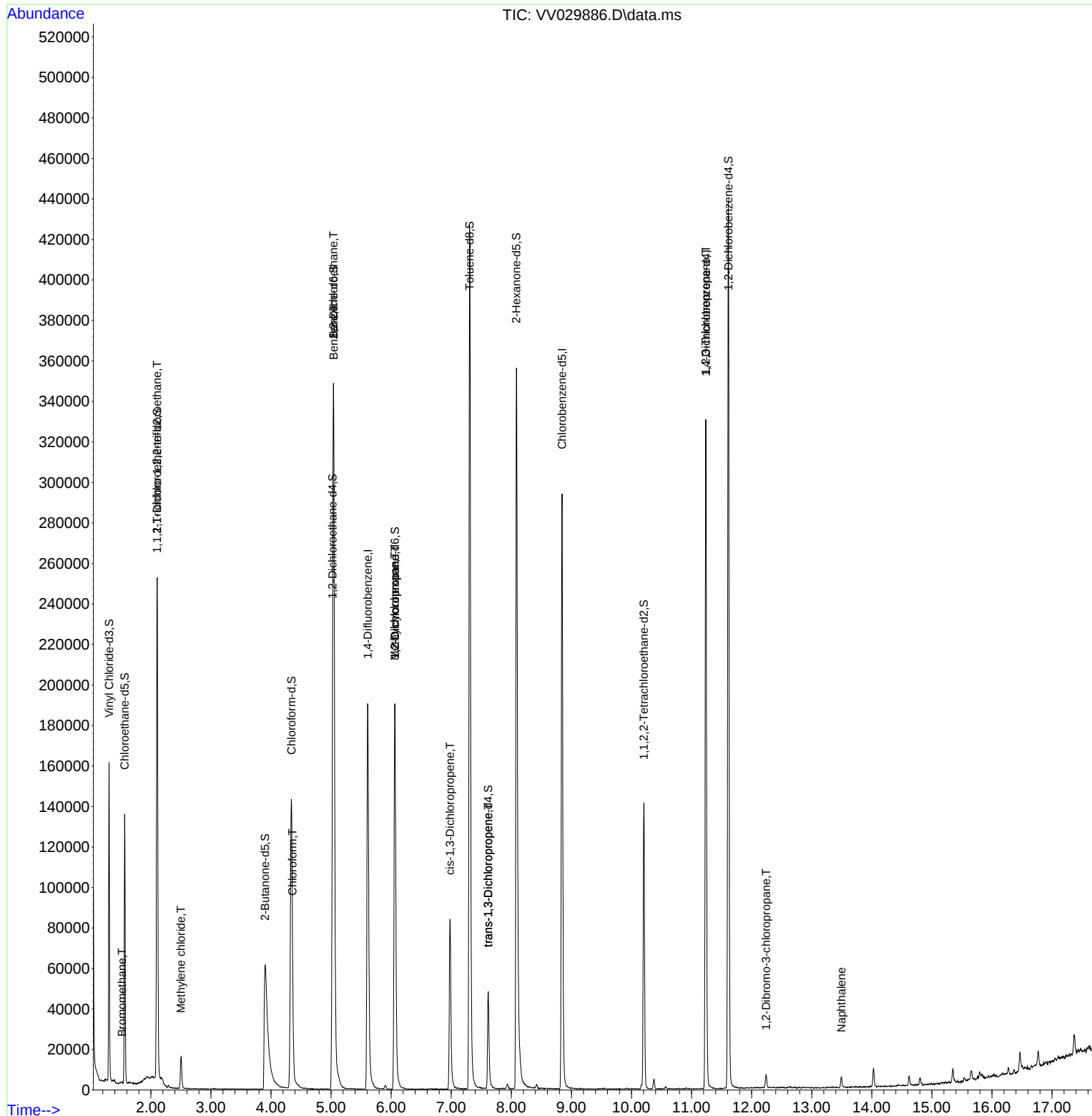
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	183105	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	177666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	91815	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	96197	6.927	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	138.600%#
7) Chloroethane-d5	1.564	69	82028	7.125	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	142.400%#
11) 1,1-Dichloroethene-d2	2.104	63	131596	5.198	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.000%
20) 2-Butanone-d5	3.902	46	161472	65.596	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.200%#
24) Chloroform-d	4.339	84	163939	6.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	128.600%#
26) 1,2-Dichloroethane-d4	5.024	65	70446	6.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	130.600%#
32) Benzene-d6	5.040	84	355327	6.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	134.800%#
36) 1,2-Dichloropropane-d6	6.063	67	103050	6.681	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	133.600%
41) Toluene-d8	7.307	98	308519	6.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.400%
43) trans-1,3-Dichloroprop...	7.616	79	30913	5.488	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.800%
46) 2-Hexanone-d5	8.085	63	148285	64.660	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.320%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	70694	6.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	125.000%#
66) 1,2-Dichlorobenzene-d4	11.612	152	115773	6.936	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	138.800%#
Target Compounds						Qvalue
6) Bromomethane	1.519	94	345	0.040	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1256	0.093	ug/L #	19
16) Methylene chloride	2.500	84	7214	0.371	ug/L	94
25) Chloroform	4.358	83	2322	0.088	ug/L	77
27) 1,2-Dichloroethane	5.040	62	1668	0.130	ug/L #	71
33) Benzene	5.043	78	2542	0.043	ug/L	100
35) Methylcyclohexane	6.059	83	25185	1.002	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	10038	0.730	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1918	0.104	ug/L #	48
44) trans-1,3-Dichloropropene	7.616	75	1386	0.093	ug/L #	65
61) 1,2,3-Trichloropropane	11.236	75	9994	1.470	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.242	75	240	0.149	ug/L #	1
71) Naphthalene	13.493	128	5280	0.217	ug/L	98

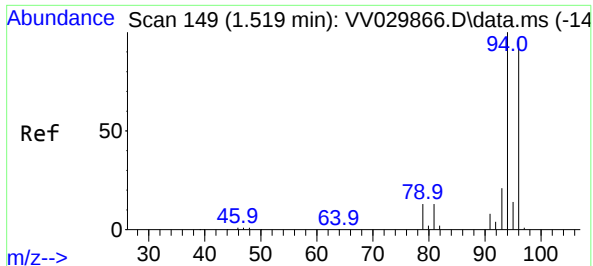
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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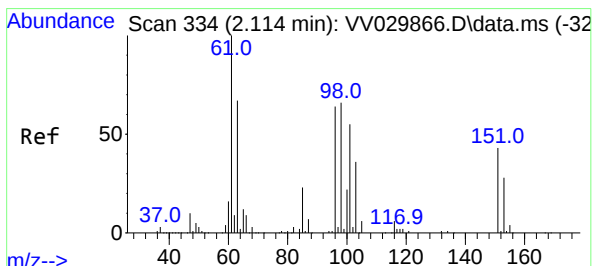
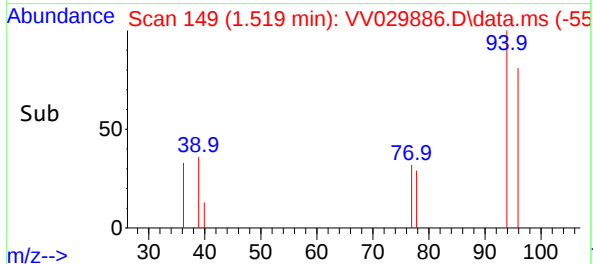
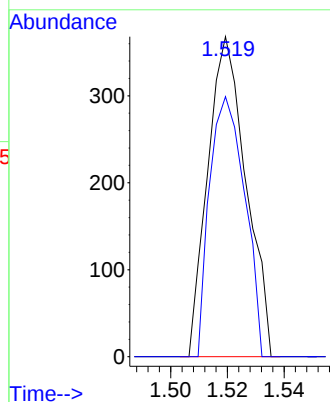
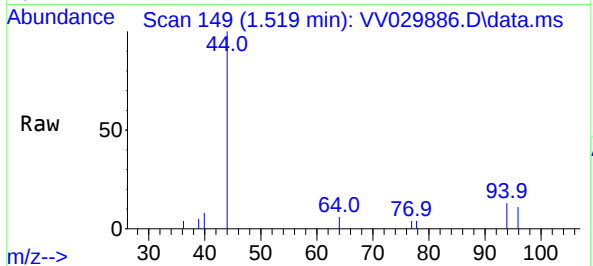




#6
Bromomethane
Concen: 0.040 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029886.D
Acq: 16 Jan 2023 19:33

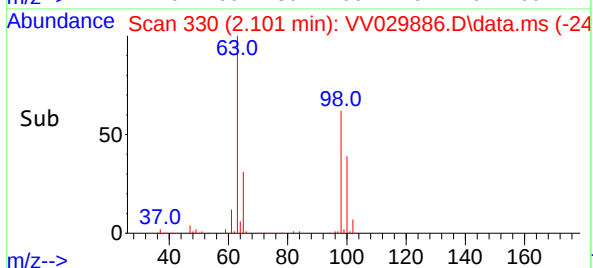
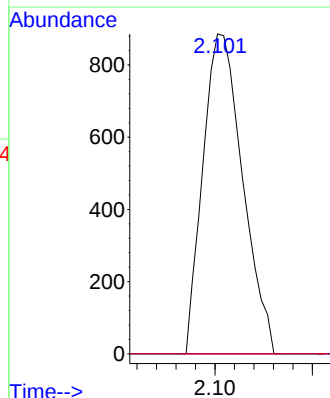
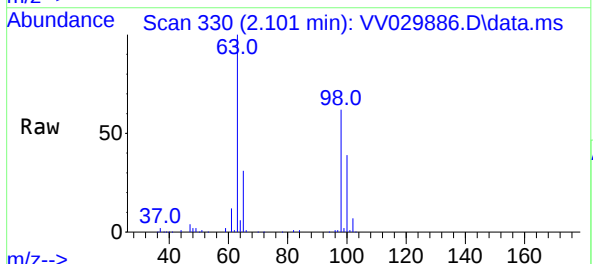
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

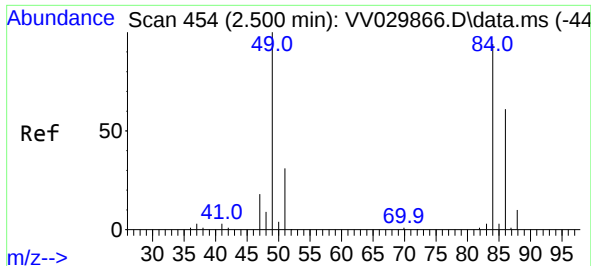
Tgt Ion: 94 Resp: 345
Ion Ratio Lower Upper
94 100
96 81.3 65.9 122.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.093 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.010 min
Lab File: VV029886.D
Acq: 16 Jan 2023 19:33

Tgt Ion: 101 Resp: 1256
Ion Ratio Lower Upper
101 100
85 0.0 32.9 49.3#
151 0.0 60.9 91.3#

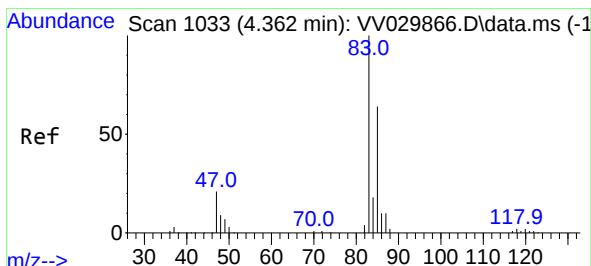
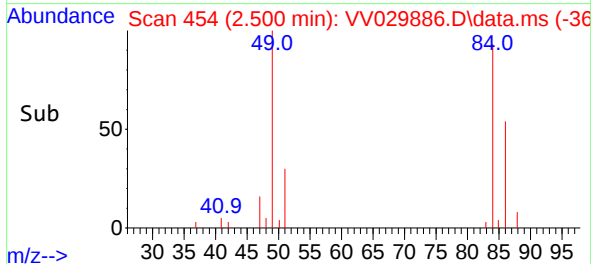
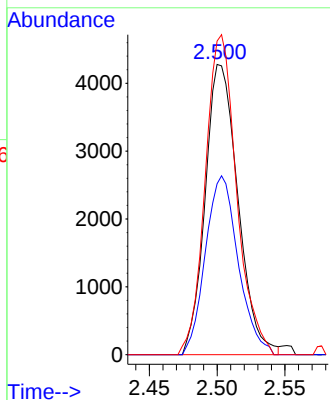
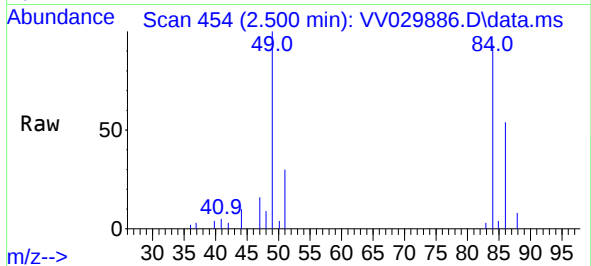




#16
Methylene chloride
Concen: 0.371 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029886.D
Acq: 16 Jan 2023 19:33

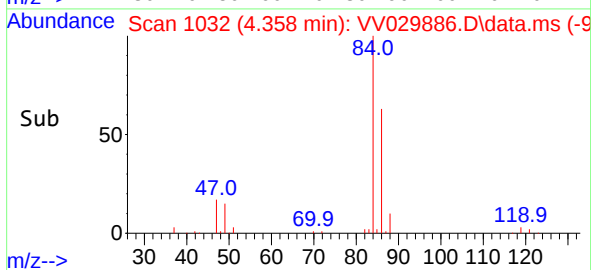
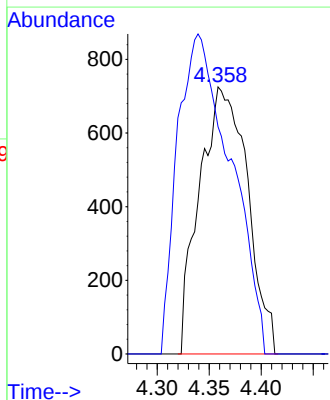
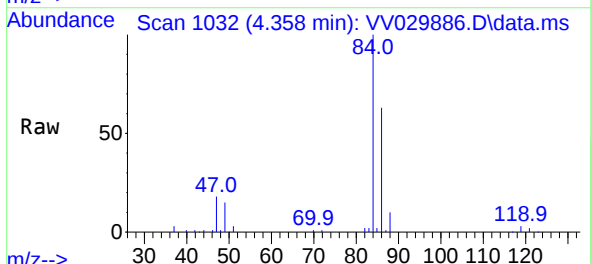
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

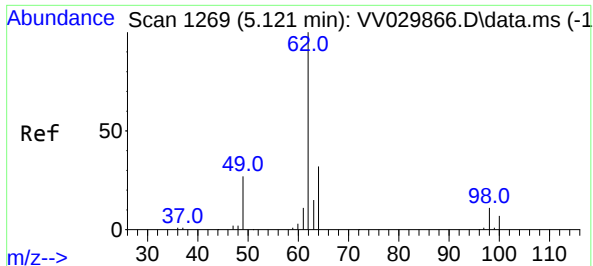
Tgt Ion: 84 Resp: 7214
Ion Ratio Lower Upper
84 100
86 58.9 45.0 83.6
49 108.0 71.5 132.7



#25
Chloroform
Concen: 0.088 ug/L
RT: 4.358 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VV029886.D
Acq: 16 Jan 2023 19:33

Tgt Ion: 83 Resp: 2322
Ion Ratio Lower Upper
83 100
85 85.1 46.5 86.5

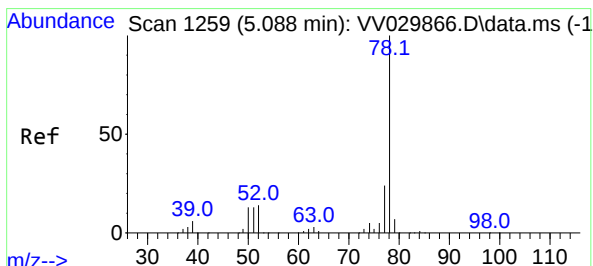
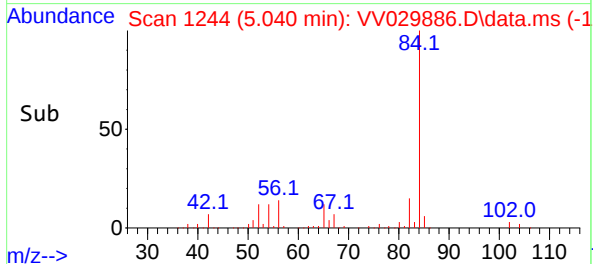
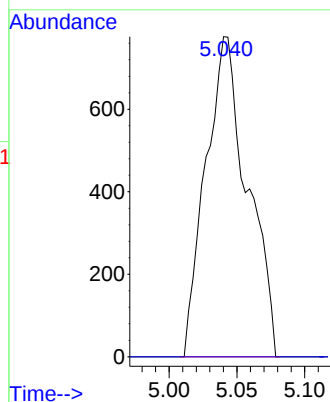
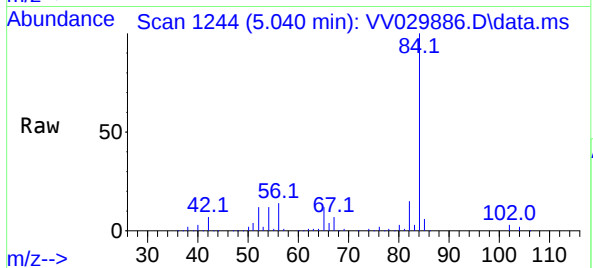




#27
1,2-Dichloroethane
Concen: 0.130 ug/L
RT: 5.040 min Scan# 11
Delta R.T. -0.081 min
Lab File: VV029886.D
Acq: 16 Jan 2023 19:33

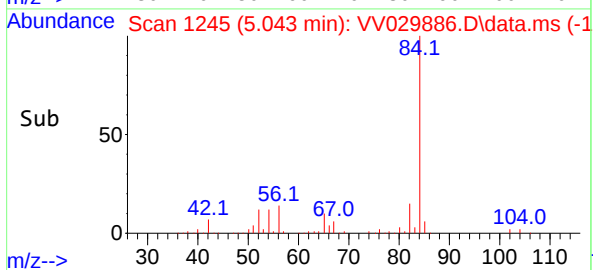
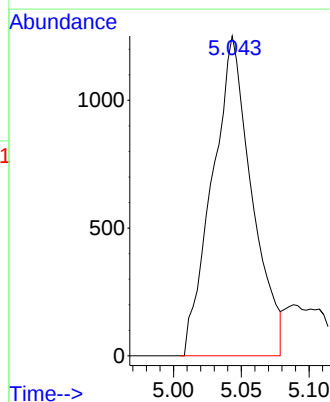
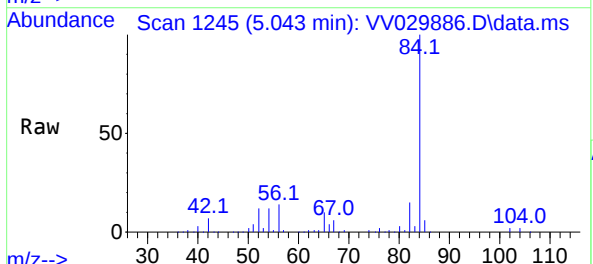
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

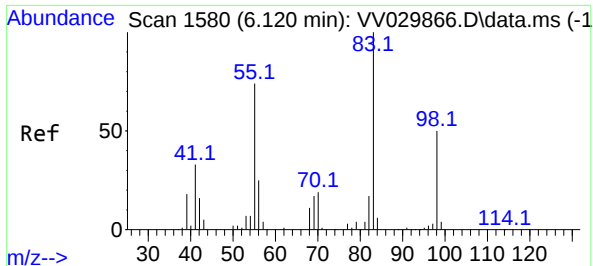
Tgt Ion: 62 Resp: 1668
Ion Ratio Lower Upper
62 100
98 0.0 8.9 13.3#



#33
Benzene
Concen: 0.043 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.045 min
Lab File: VV029886.D
Acq: 16 Jan 2023 19:33

Tgt Ion: 78 Resp: 2542





#35

Methylcyclohexane

Concen: 1.002 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.061 min

Lab File: VV029886.D

Acq: 16 Jan 2023 19:33

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

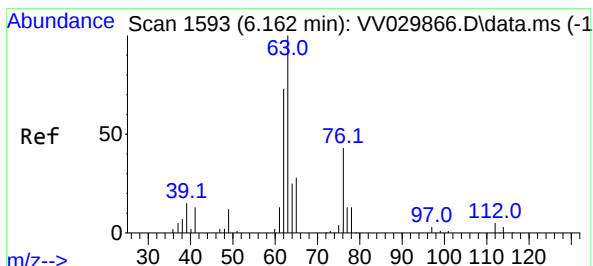
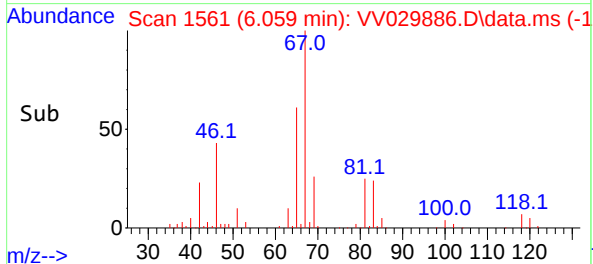
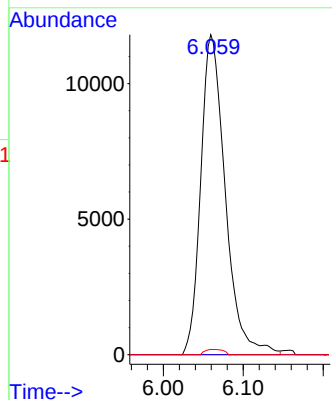
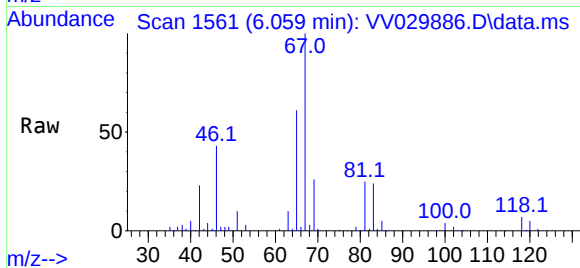
Tgt Ion: 83 Resp: 25185

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 1.2 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.730 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.100 min

Lab File: VV029886.D

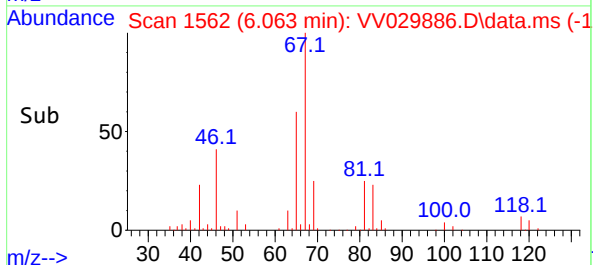
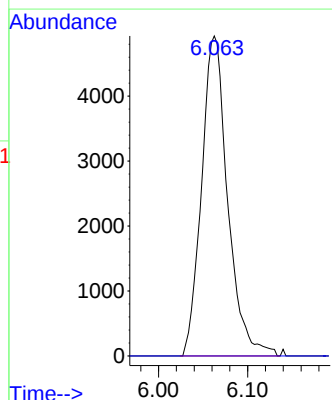
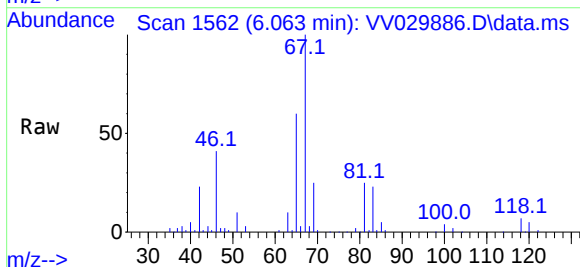
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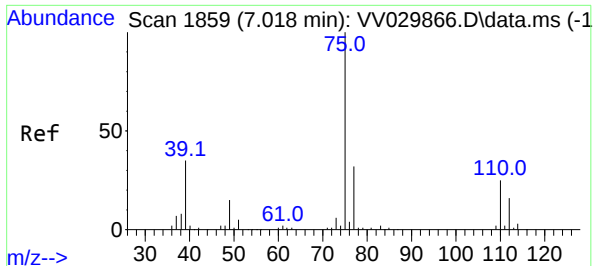
Tgt Ion: 63 Resp: 10038

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 6.979 min Scan# 1

Delta R.T. -0.039 min

Lab File: VV029886.D

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MSVOA_V

ClientSampleId :

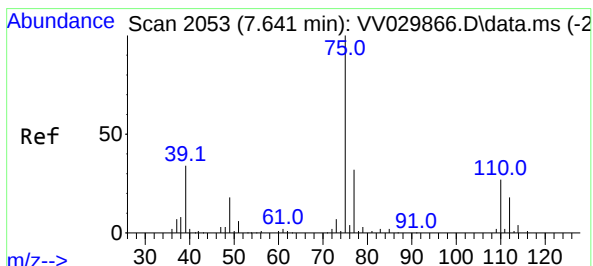
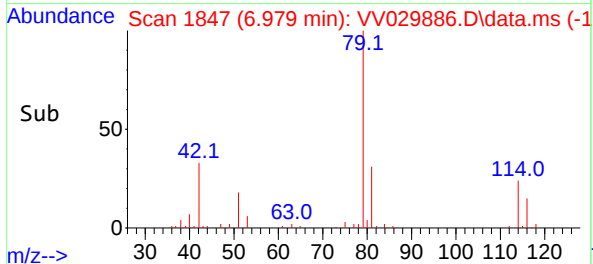
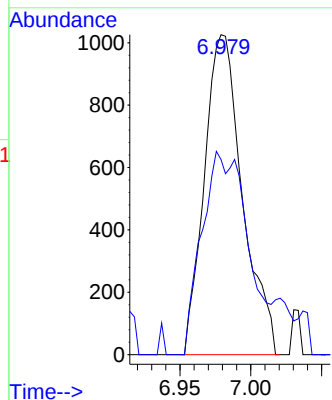
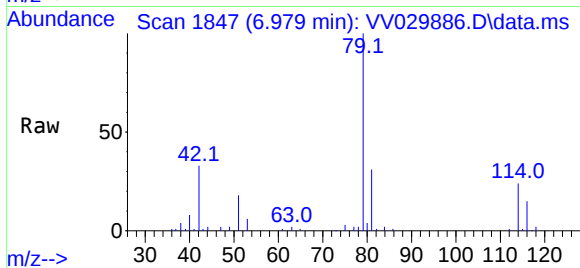
VHBLK001

Tgt Ion: 75 Resp: 1918

Ion Ratio Lower Upper

75 100

77 61.0 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.616 min Scan# 2045

Delta R.T. -0.026 min

Lab File: VV029886.D

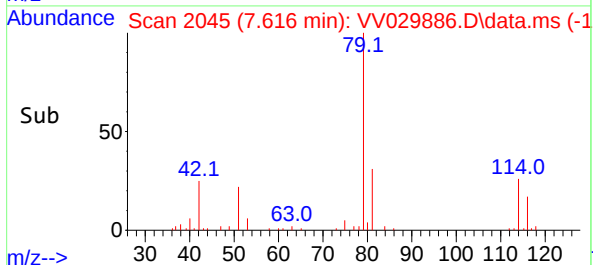
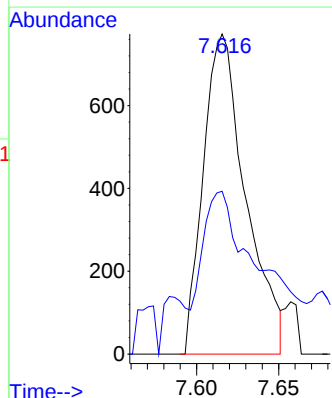
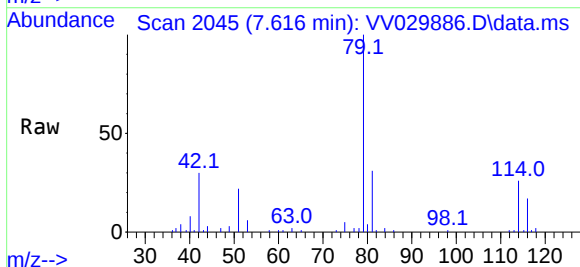
Acq: 16 Jan 2023 19:33

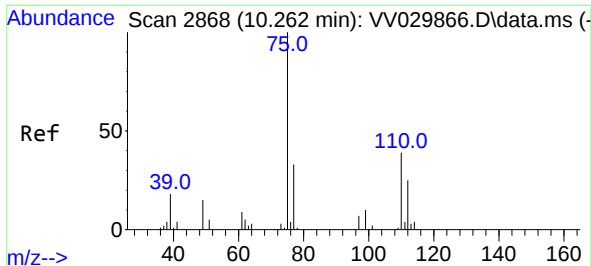
Tgt Ion: 75 Resp: 1386

Ion Ratio Lower Upper

75 100

77 50.8 21.9 40.7#





#61

1,2,3-Trichloropropane

Concen: 1.470 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029886.D

Acq: 16 Jan 2023 19:33

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VHBLK001

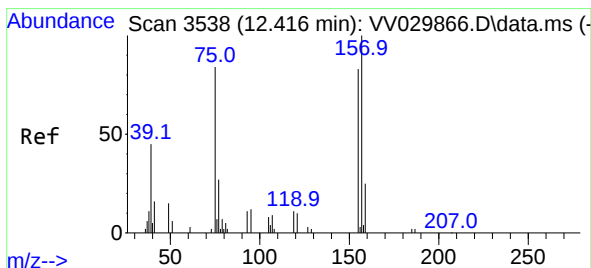
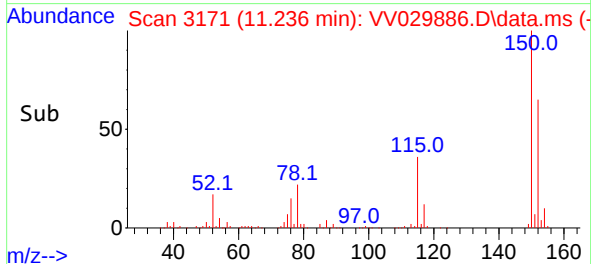
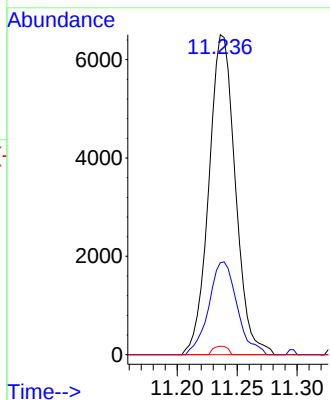
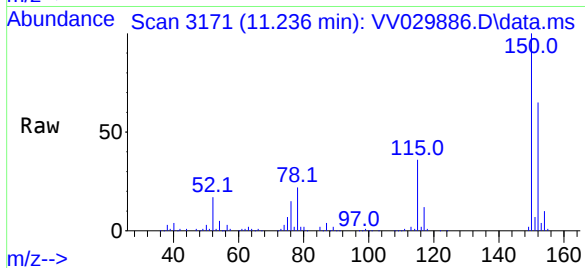
Tgt Ion: 75 Resp: 9994

Ion Ratio Lower Upper

75 100

77 31.0 26.5 39.7

110 1.4 31.8 47.8#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.149 ug/L

RT: 12.242 min Scan# 3484

Delta R.T. -0.174 min

Lab File: VV029886.D

Acq: 16 Jan 2023 19:33

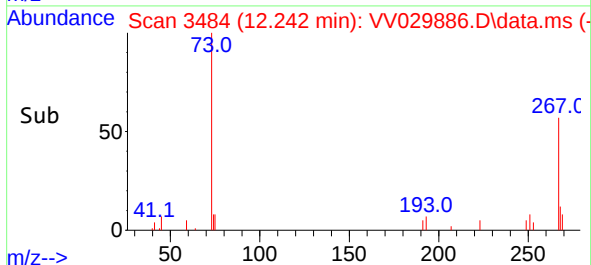
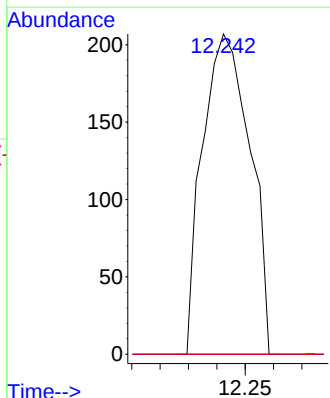
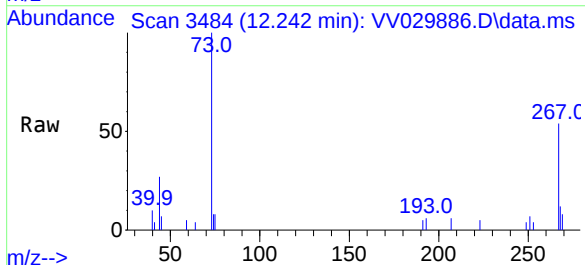
Tgt Ion: 75 Resp: 240

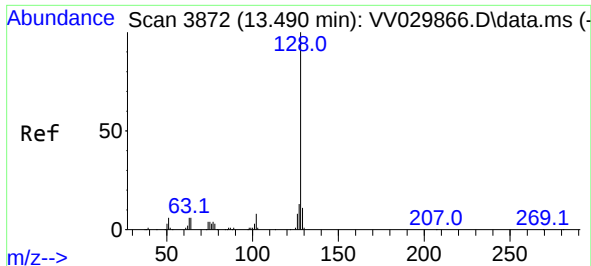
Ion Ratio Lower Upper

75 100

155 0.0 75.5 113.3#

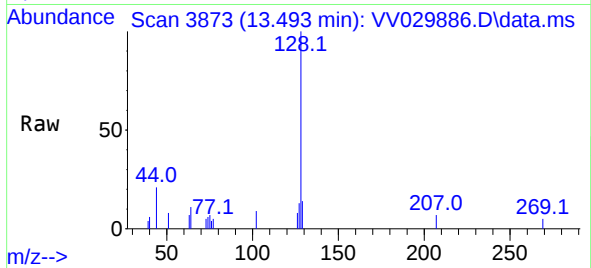
157 0.0 99.2 148.8#





#71
Naphthalene
Concen: 0.217 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV029886.D
Acq: 16 Jan 2023 19:33

Instrument :
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Tgt Ion:	128	Resp:	5280
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	11.2	10.0	15.0

