

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030822\
 Data File : VW024871.D
 Acq On : 08 Mar 2022 14:40
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 09 05:04:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 05:01:56 2022
 Response via : Initial Calibration

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

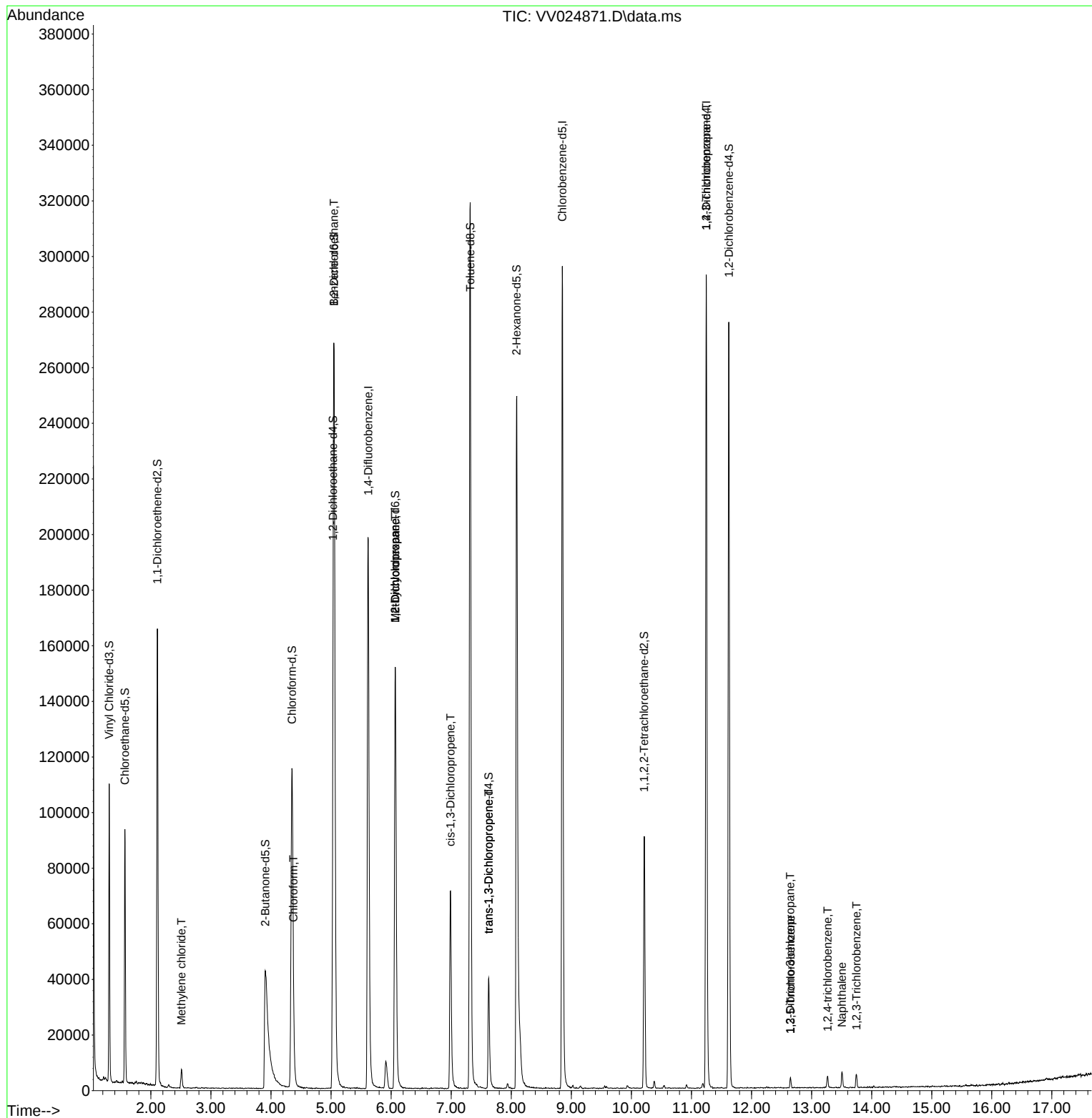
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	180687	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	167913	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	74249	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65902	4.300	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.568	69	58095	4.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.108	63	85448	3.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.905	46	123274	56.313	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.620%
24) Chloroform-d	4.349	84	124652	5.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.034	65	56278	5.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.050	84	260870	5.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
36) 1,2-Dichloropropane-d6	6.069	67	80416	5.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.800%
41) Toluene-d8	7.317	98	220541	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	7.625	79	25472	5.364	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.200%
46) 2-Hexanone-d5	8.088	63	96636	51.714	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.420%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46415	5.402	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	70813	5.512	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						Qvalue
16) Methylene chloride	2.510	84	2731	0.197	ug/L	92
25) Chloroform	4.375	83	2702	0.103	ug/L	91
27) 1,2-Dichloroethane	5.050	62	1211	0.086	ug/L #	73
35) Methylcyclohexane	6.069	83	19086	0.784	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	7959	0.593	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1865	0.100	ug/L #	80
44) trans-1,3-Dichloropropene	7.625	75	1252	0.084	ug/L #	67
61) 1,2,3-Trichloropropane	11.246	75	10221	1.519	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.645	75	181	0.157	ug/L #	7
69) 1,3,5-Trichlorobenzene	12.651	180	1399	0.076	ug/L #	90
70) 1,2,4-trichlorobenzene	13.268	180	1757	0.121	ug/L #	87
71) Naphthalene	13.506	128	5314	0.216	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	1982	0.164	ug/L #	83

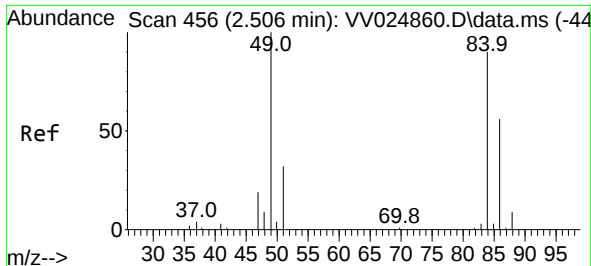
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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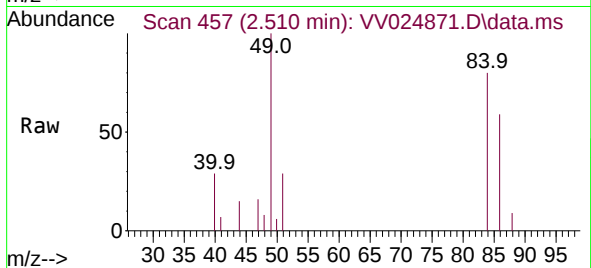
Quant Time: Mar 09 05:04:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
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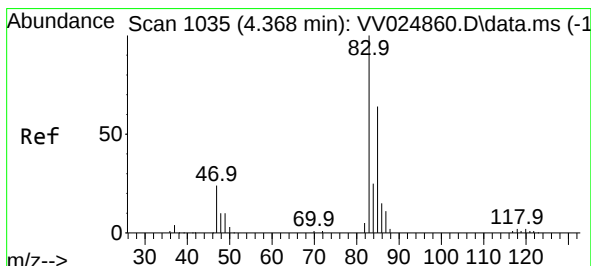
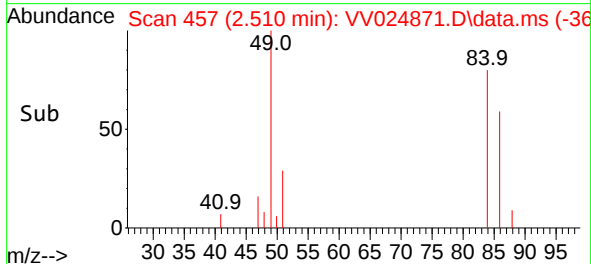
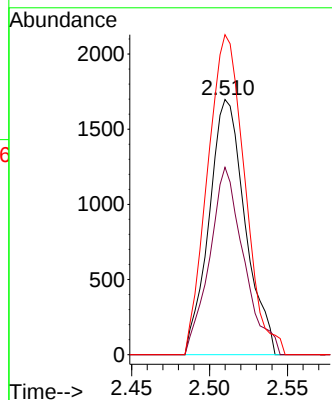


#16
Methylene chloride
Concen: 0.197 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024871.D
Acq: 08 Mar 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :

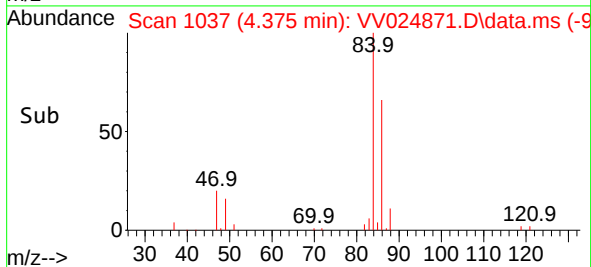
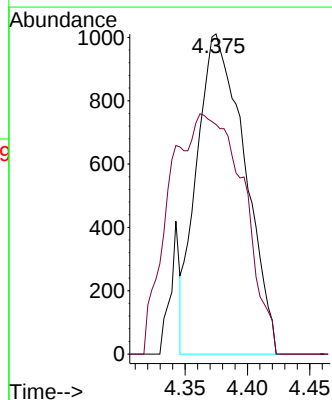
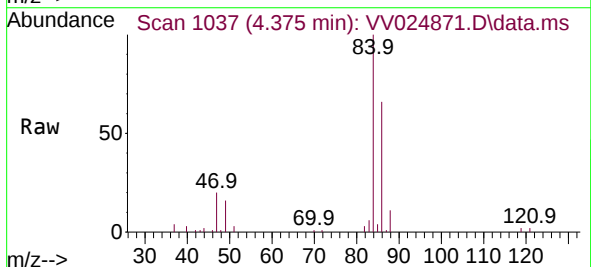


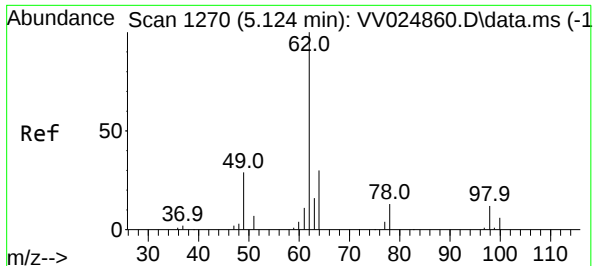
Tgt Ion: 84 Resp: 2731
Ion Ratio Lower Upper
84 100
86 73.4 45.1 83.7
49 125.4 83.5 155.1



#25
Chloroform
Concen: 0.103 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VV024871.D
Acq: 08 Mar 2022 14:40

Tgt Ion: 83 Resp: 2702
Ion Ratio Lower Upper
83 100
85 71.7 45.5 84.5





#27

1,2-Dichloroethane

Concen: 0.086 ug/L

RT: 5.050 min Scan# 1

Delta R.T. -0.074 min

Lab File: VV024871.D

Acq: 08 Mar 2022 14:40

Instrument :

MSVOA_V

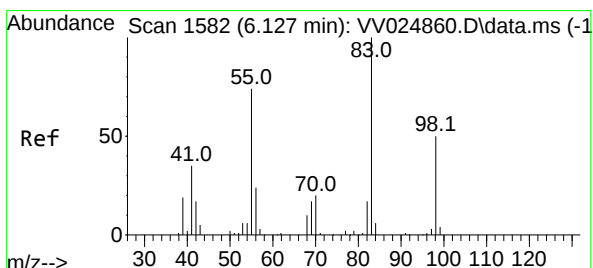
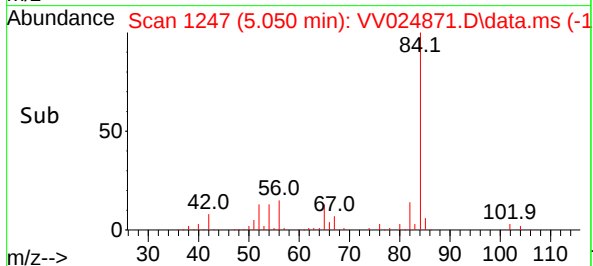
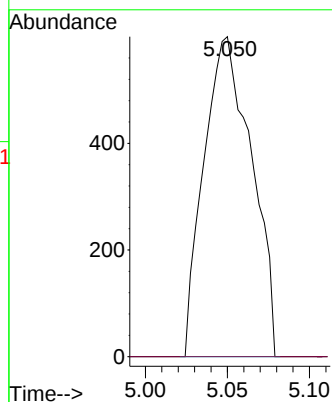
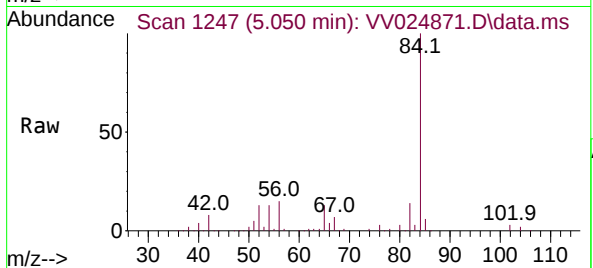
ClientSampleId :

Tgt Ion: 62 Resp: 1211

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#35

Methylcyclohexane

Concen: 0.784 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024871.D

Acq: 08 Mar 2022 14:40

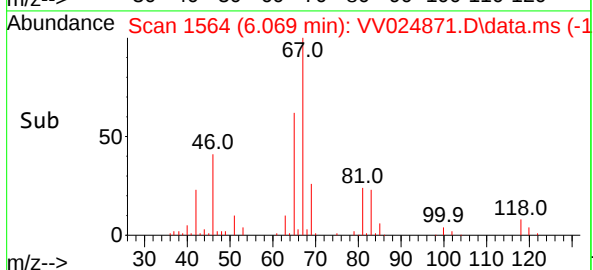
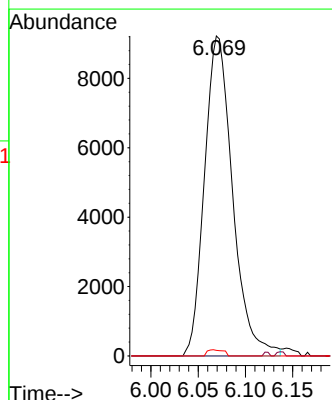
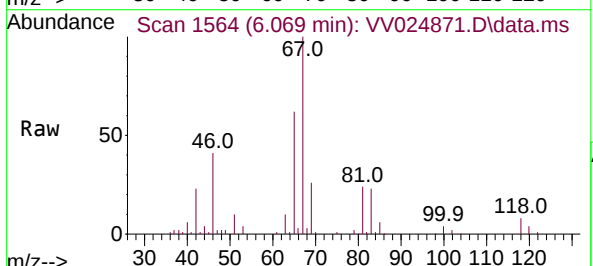
Tgt Ion: 83 Resp: 19086

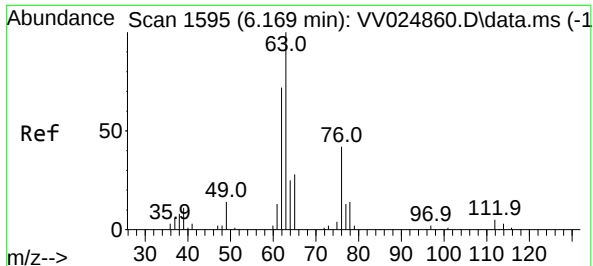
Ion Ratio Lower Upper

83 100

55 0.2 58.8 88.2#

98 1.1 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.593 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.099 min

Lab File: VV024871.D

Acq: 08 Mar 2022 14:40

Instrument :

MSVOA_V

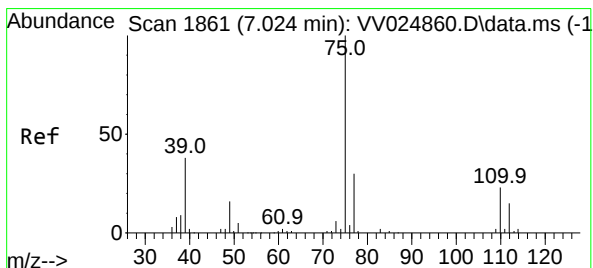
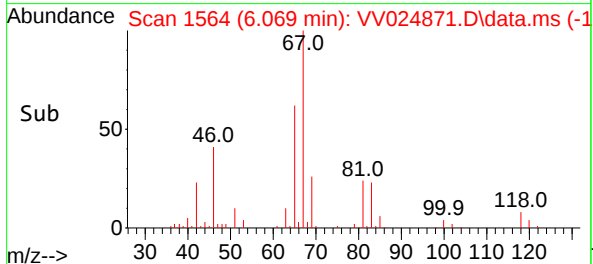
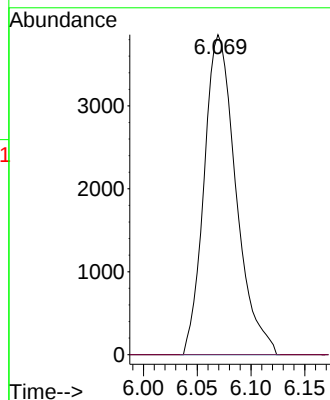
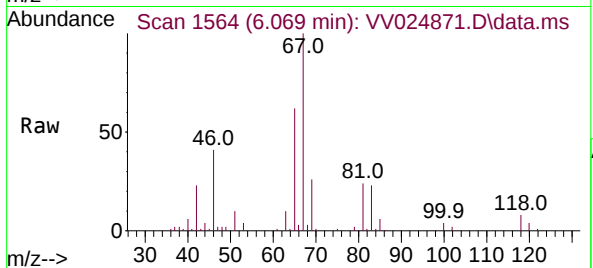
ClientSampleId :

Tgt Ion: 63 Resp: 7959

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV024871.D

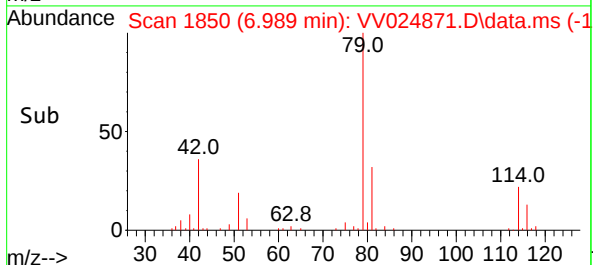
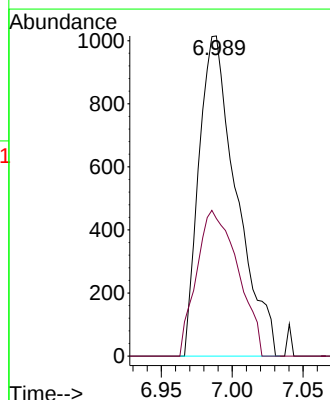
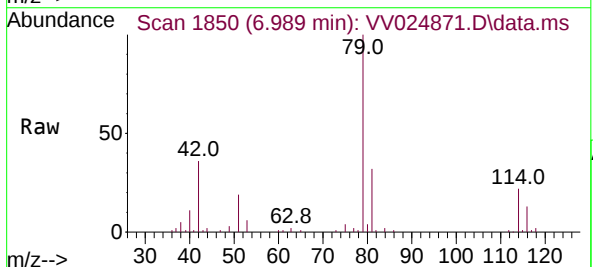
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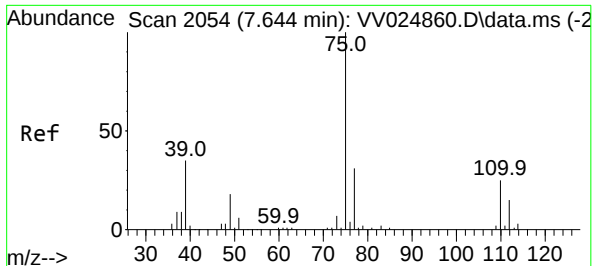
Tgt Ion: 75 Resp: 1865

Ion Ratio Lower Upper

75 100

77 43.0 22.3 41.5#

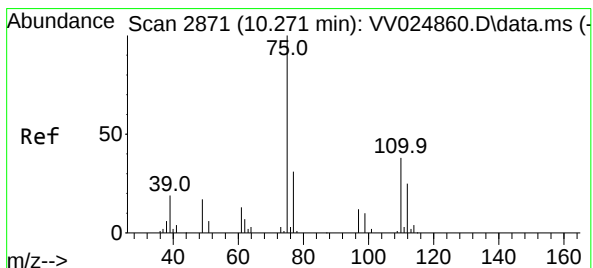
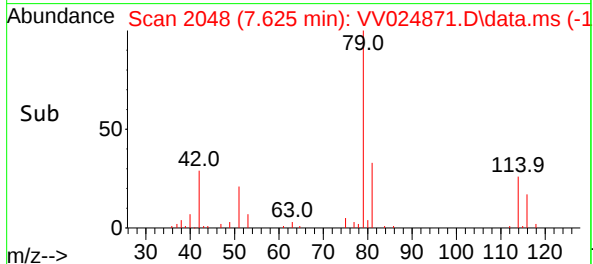
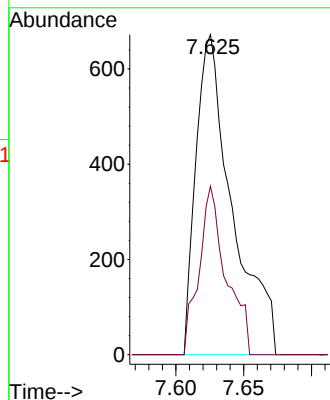
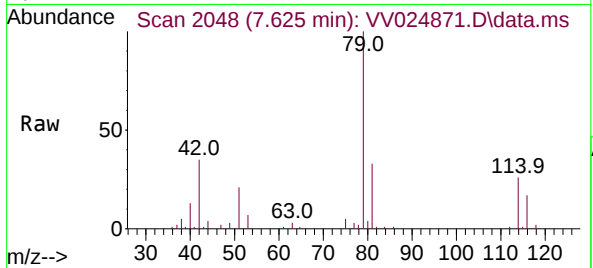




#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.625 min Scan# 2054
Delta R.T. -0.019 min
Lab File: VV024871.D
Acq: 08 Mar 2022 14:40

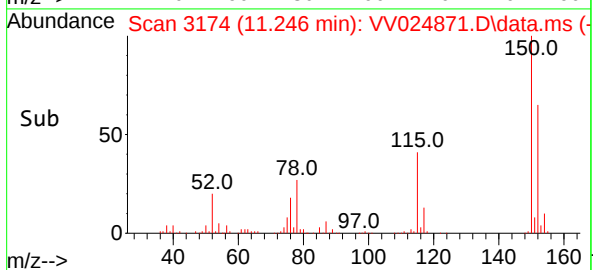
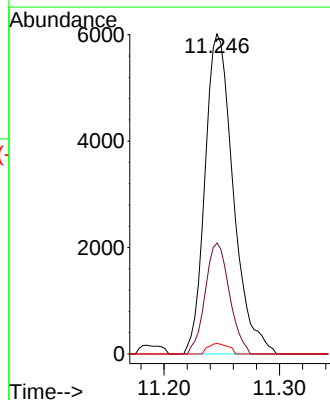
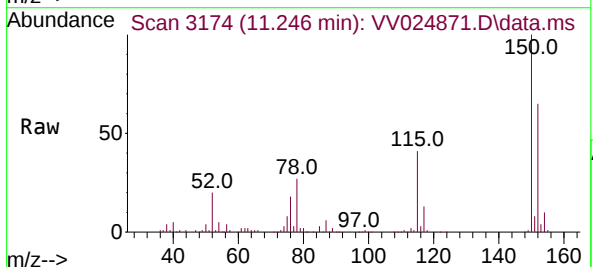
Instrument :
MSVOA_V
ClientSampleId :

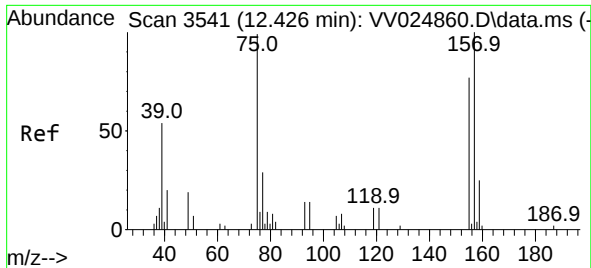
Tgt Ion: 75 Resp: 1252
Ion Ratio Lower Upper
75 100
77 52.7 23.5 43.7#



#61
1,2,3-Trichloropropane
Concen: 1.519 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.975 min
Lab File: VV024871.D
Acq: 08 Mar 2022 14:40

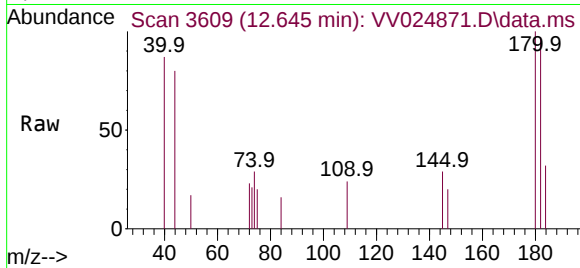
Tgt Ion: 75 Resp: 10221
Ion Ratio Lower Upper
75 100
77 29.7 26.3 39.5
110 2.3 30.3 45.5#



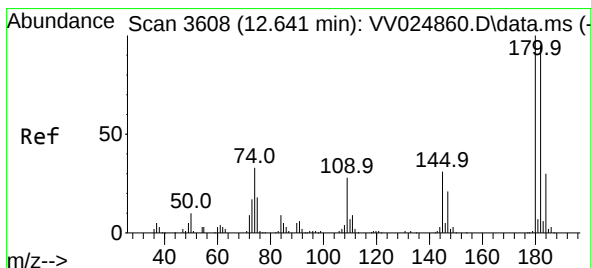
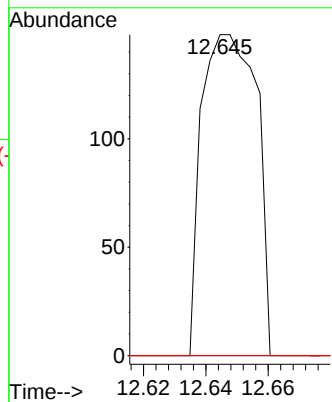
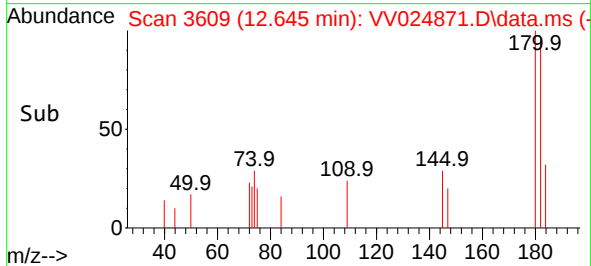


#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.157 ug/L
 RT: 12.645 min Scan# 3609
 Delta R.T. 0.219 min
 Lab File: VV024871.D
 Acq: 08 Mar 2022 14:40

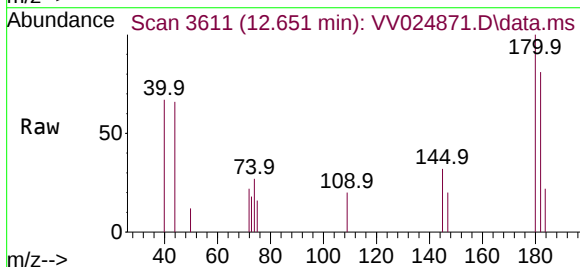
Instrument :
 MSVOA_V
 ClientSampleId :



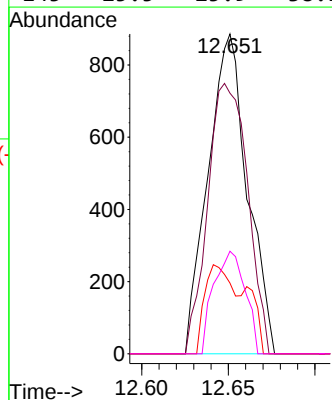
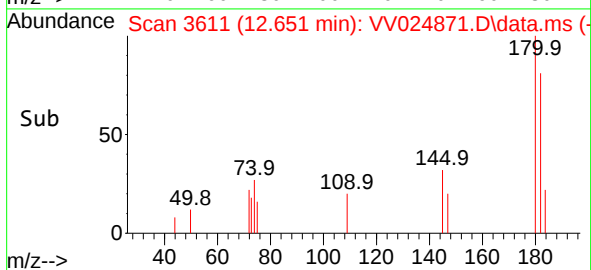
Tgt Ion: 75 Resp: 181
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.7 92.5#
 157 0.0 73.5 110.3#

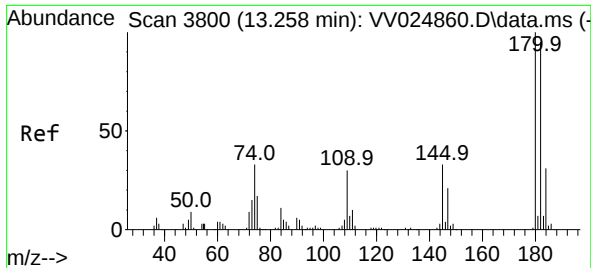


#69
 1,3,5-Trichlorobenzene
 Concen: 0.076 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. 0.010 min
 Lab File: VV024871.D
 Acq: 08 Mar 2022 14:40



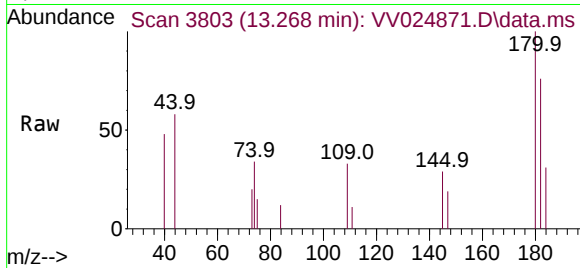
Tgt Ion: 180 Resp: 1399
 Ion Ratio Lower Upper
 180 100
 182 85.8 74.6 111.8
 184 21.5 23.8 35.8#
 145 25.5 25.9 38.9#



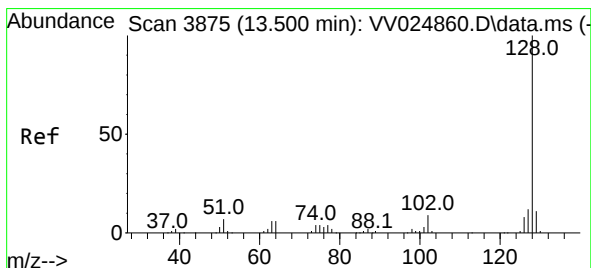
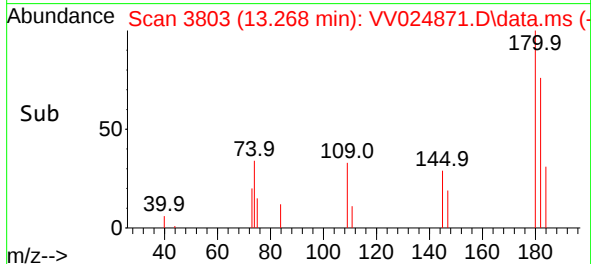
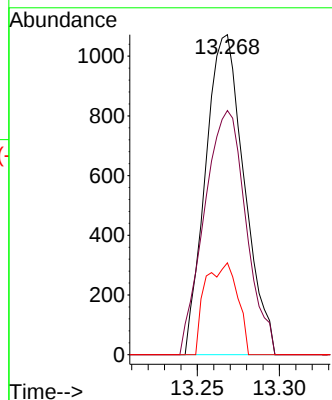


#70
1,2,4-trichlorobenzene
Concen: 0.121 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.010 min
Lab File: VV024871.D
Acq: 08 Mar 2022 14:40

Instrument :
MSVOA_V
ClientSampleId :

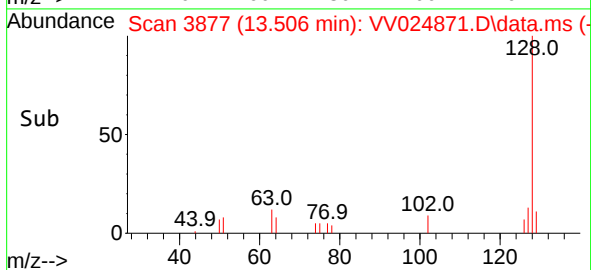
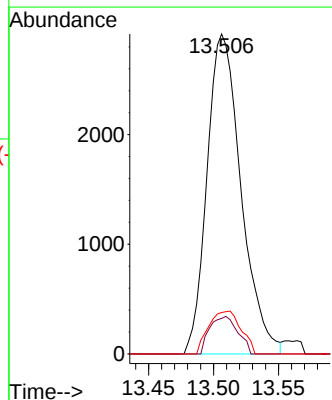
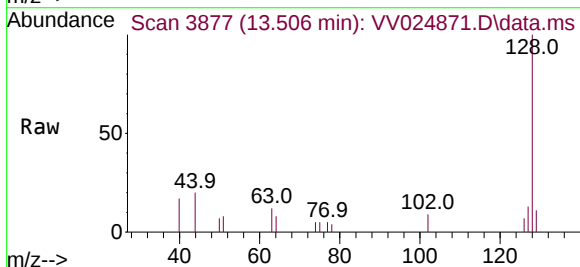


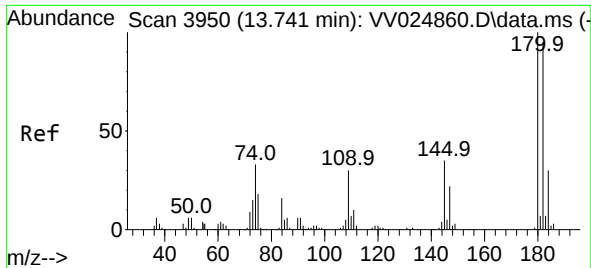
Tgt Ion:180 Resp: 1757
Ion Ratio Lower Upper
180 100
182 82.2 75.0 112.6
145 23.8 26.9 40.3#



#71
Naphthalene
Concen: 0.216 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.007 min
Lab File: VV024871.D
Acq: 08 Mar 2022 14:40

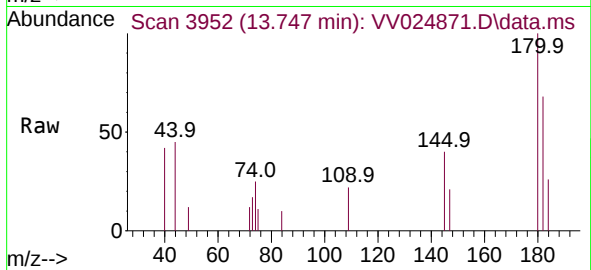
Tgt Ion:128 Resp: 5314
Ion Ratio Lower Upper
128 100
129 9.7 8.4 12.6
127 12.7 10.2 15.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.164 ug/L
 RT: 13.747 min Scan# 3950
 Delta R.T. 0.007 min
 Lab File: VV024871.D
 Acq: 08 Mar 2022 14:40

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 1982
 Ion Ratio Lower Upper
 180 100
 182 74.9 75.6 113.4#
 145 31.5 28.5 42.7

