

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024605.D
 Acq On : 11 Feb 2022 15:47
 Operator : SY/MD
 Sample : N1476-03DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 12 03:44:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 12 03:41:27 2022
 Response via : Initial Calibration

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

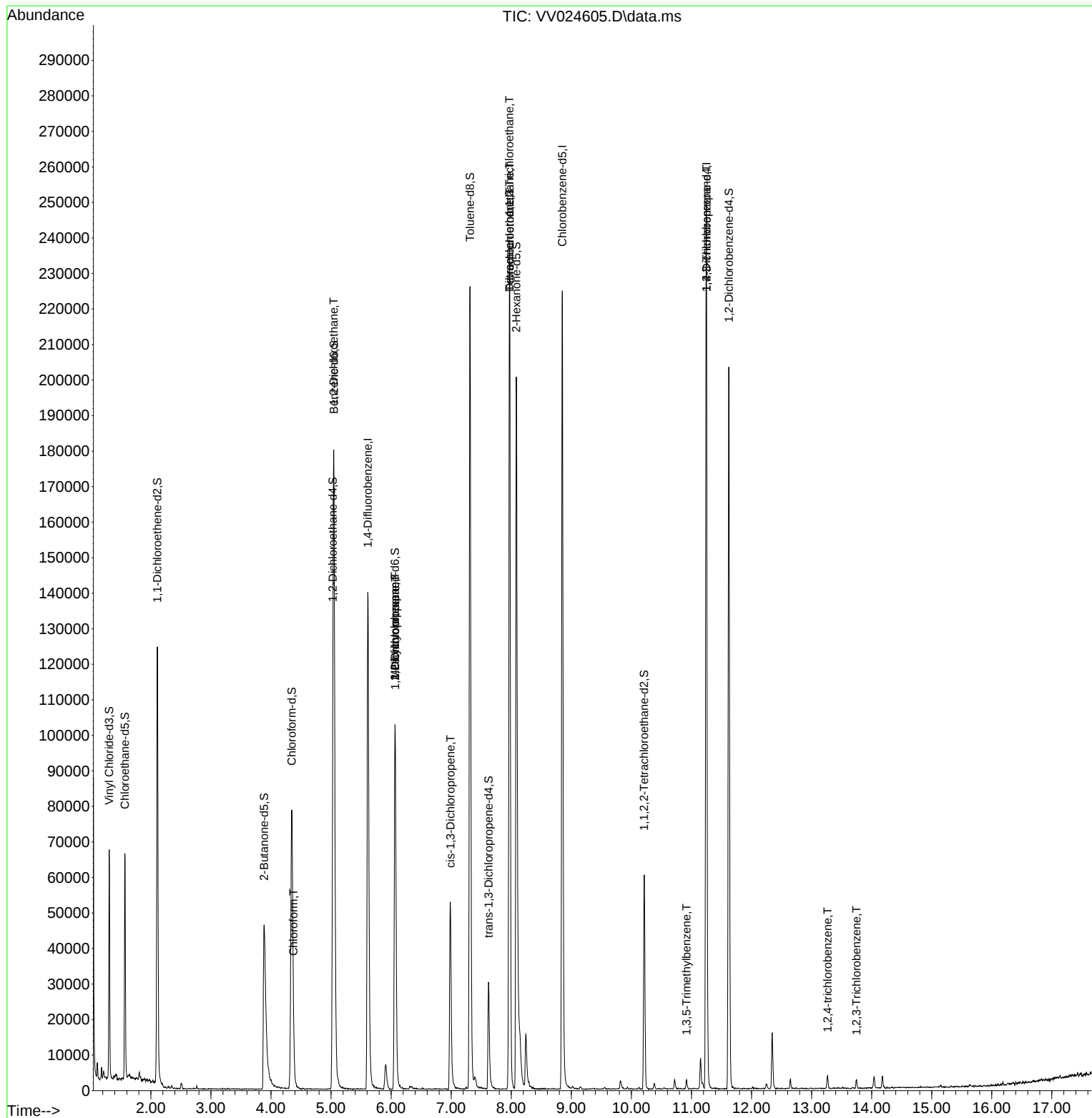
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	120063	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	119533	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59888	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39199	3.895	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.568	69	39299	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.108	63	64769	2.942	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	3.886	46	90309	54.054	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.100%
24) Chloroform-d	4.346	84	81642	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.031	65	39838	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.047	84	163580	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.066	67	50946	4.830	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.313	98	145623	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.622	79	18210	4.275	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.085	63	70495	46.972	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.940%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29220	4.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	46932	4.861	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
25) Chloroform	4.375	83	4640	0.210	ug/L	98
27) 1,2-Dichloroethane	5.043	62	953	0.079	ug/L #	73
35) Methylcyclohexane	6.066	83	12186	0.573	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	5543	0.490	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1376	0.080	ug/L #	56
45) 1,1,2-Trichloroethane	7.969	97	464	0.063	ug/L #	24
47) Tetrachloroethene	7.973	164	48223	5.658	ug/L	89
49) Dibromochloromethane	7.973	129	49168	5.556	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	8790	1.489	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.918	105	1812	0.039	ug/L	88
70) 1,2,4-trichlorobenzene	13.268	180	1327	0.104	ug/L	92
72) 1,2,3-Trichlorobenzene	13.747	180	980	0.092	ug/L #	76

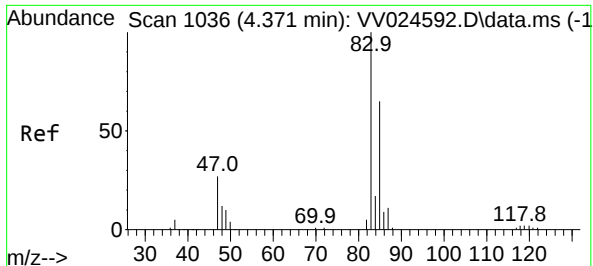
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 12 03:41:27 2022
Response via : Initial Calibration





#25

Chloroform

Concen: 0.210 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024605.D

Acq: 11 Feb 2022 15:47

Instrument :

MSVOA_V

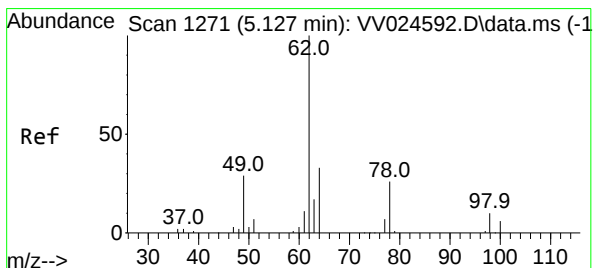
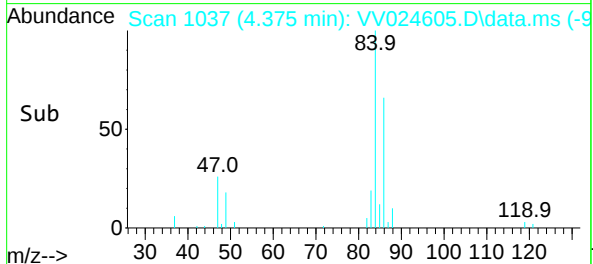
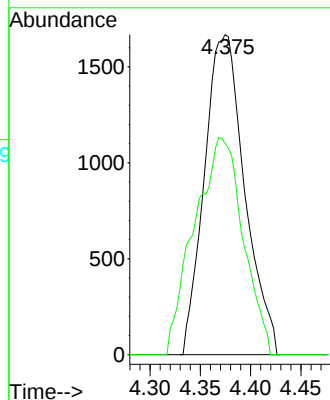
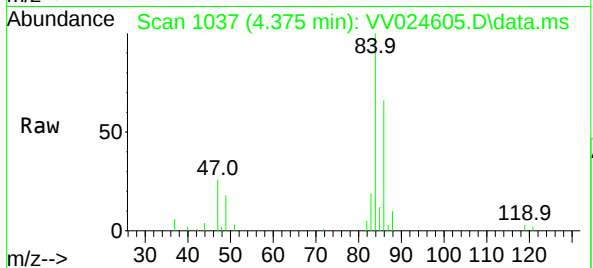
ClientSampleId :

Tgt Ion: 83 Resp: 4640

Ion Ratio Lower Upper

83 100

85 66.0 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.079 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.083 min

Lab File: VV024605.D

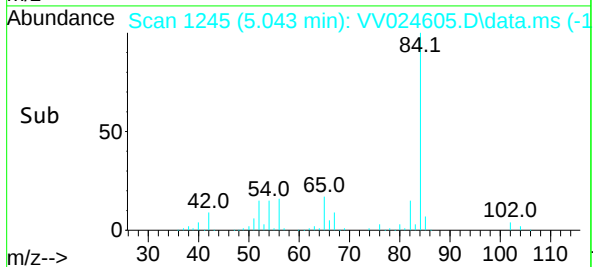
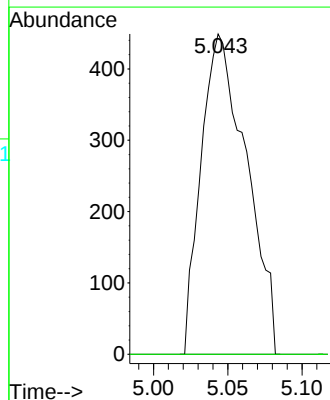
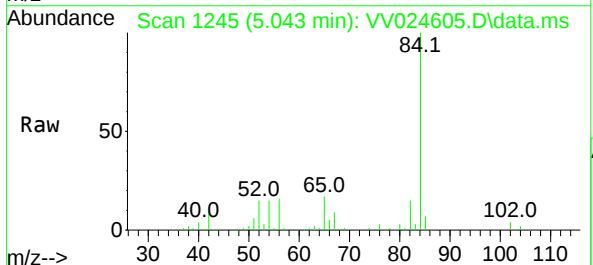
Acq: 11 Feb 2022 15:47

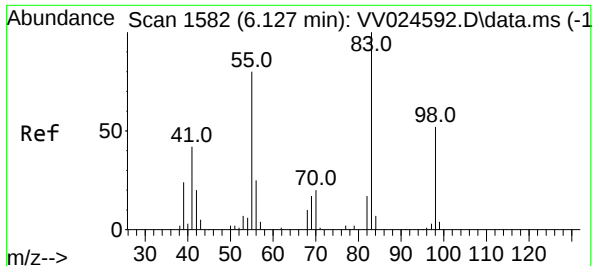
Tgt Ion: 62 Resp: 953

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#





#35

Methylcyclohexane

Concen: 0.573 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.061 min

Lab File: VV024605.D

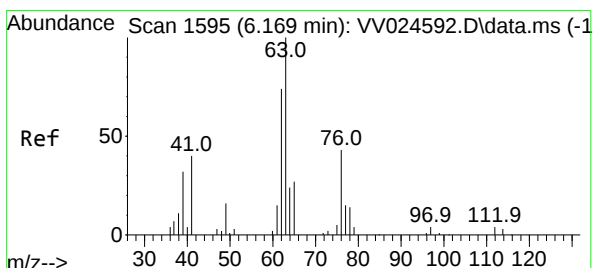
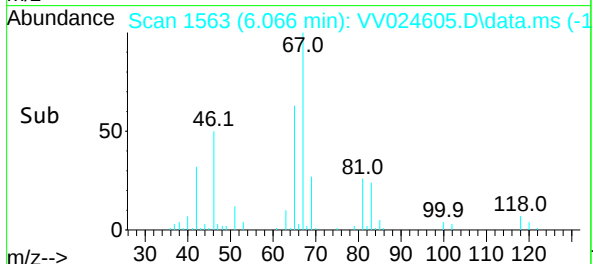
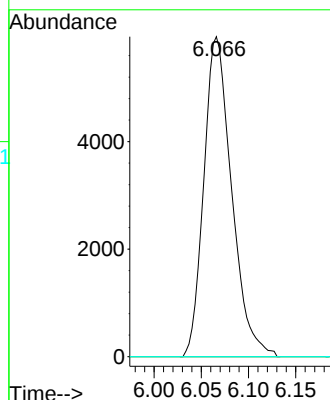
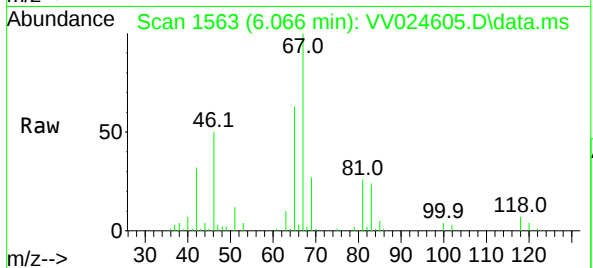
Acq: 11 Feb 2022 15:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 12186
Ion Ratio	Lower Upper
83 100	
55 0.0	60.2 90.2#
98 2.9	41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.490 ug/L

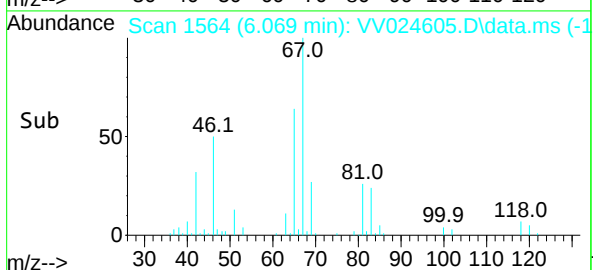
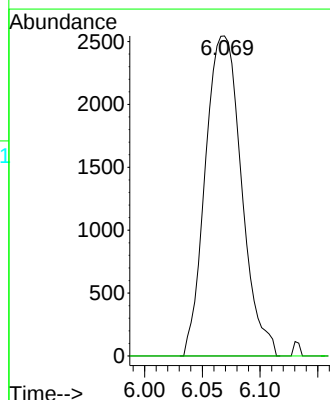
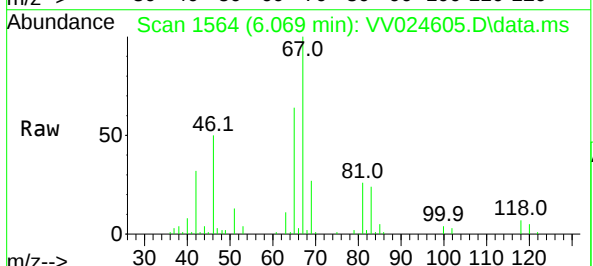
RT: 6.069 min Scan# 1564

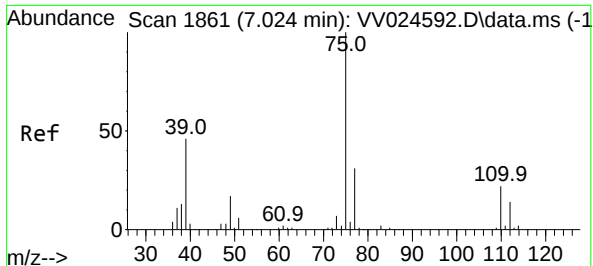
Delta R.T. -0.099 min

Lab File: VV024605.D

Acq: 11 Feb 2022 15:47

Tgt Ion: 63	Resp: 5543
Ion Ratio	Lower Upper
63 100	
112 0.0	4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV024605.D

Acq: 11 Feb 2022 15:47

Instrument :

MSVOA_V

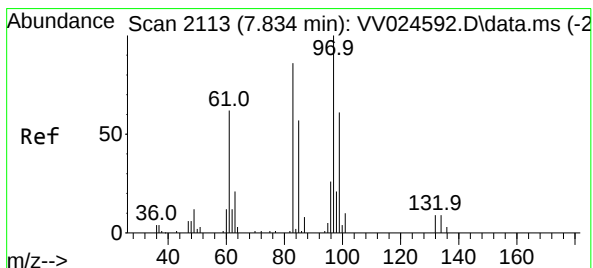
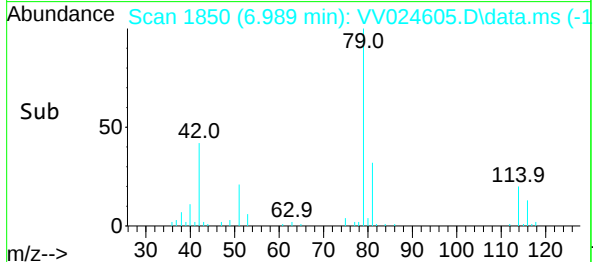
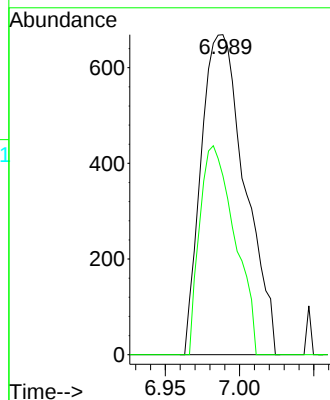
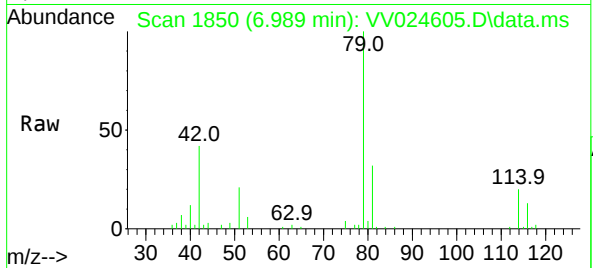
ClientSampleId :

Tgt Ion: 75 Resp: 1376

Ion Ratio Lower Upper

75 100

77 55.9 22.0 41.0#



#45

1,1,2-Trichloroethane

Concen: 0.063 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.135 min

Lab File: VV024605.D

Acq: 11 Feb 2022 15:47

Tgt Ion: 97 Resp: 464

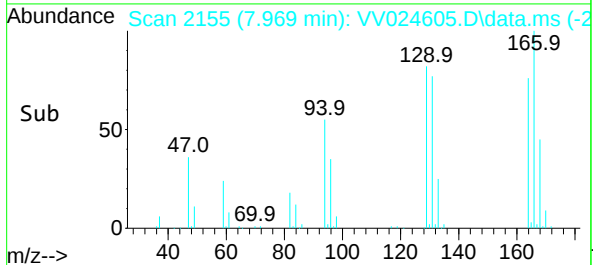
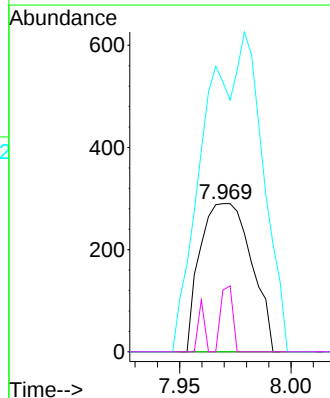
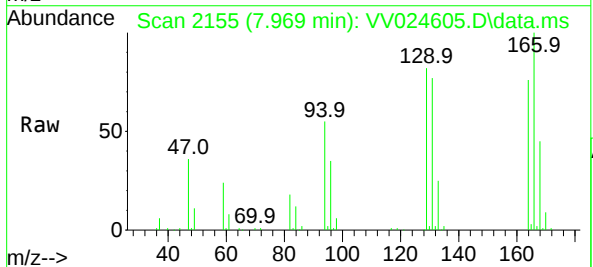
Ion Ratio Lower Upper

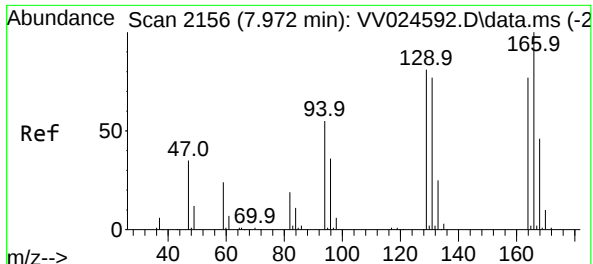
97 100

99 0.0 43.1 80.1#

83 182.1 57.9 107.5#

85 41.7 38.0 70.6





#47

Tetrachloroethene

Concen: 5.658 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

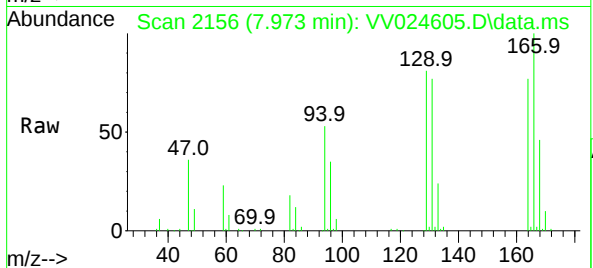
Lab File: VV024605.D

Acq: 11 Feb 2022 15:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 48223

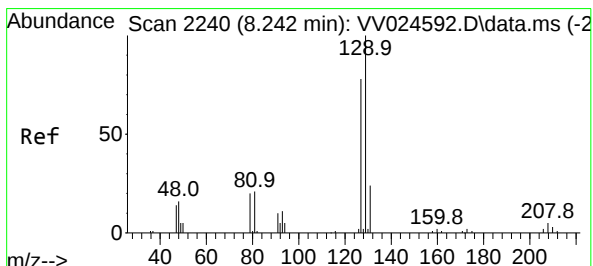
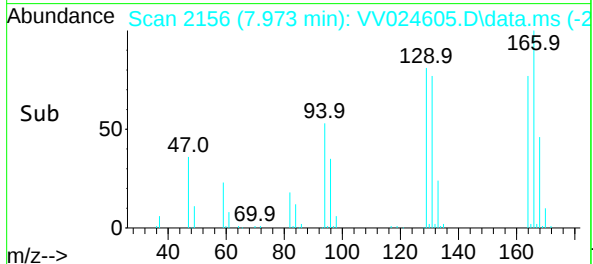
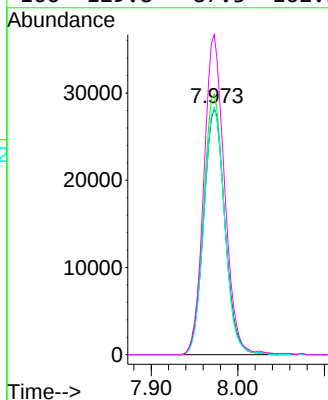
Ion Ratio Lower Upper

164 100

129 105.5 62.6 116.2

131 100.1 61.0 113.4

166 129.8 87.3 162.1



#49

Dibromochloromethane

Concen: 5.556 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV024605.D

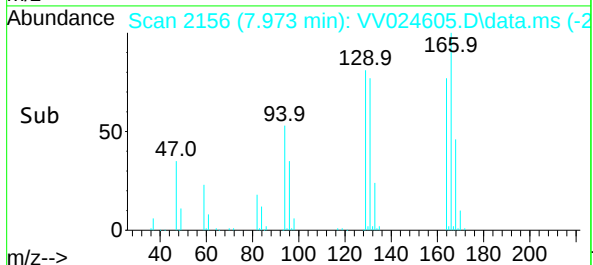
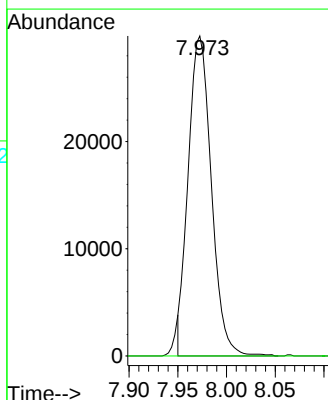
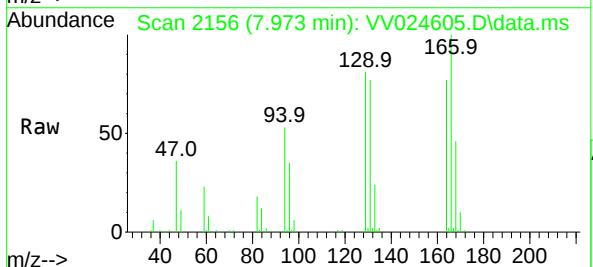
Acq: 11 Feb 2022 15:47

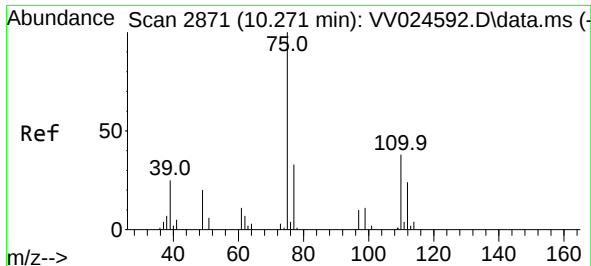
Tgt Ion:129 Resp: 49168

Ion Ratio Lower Upper

129 100

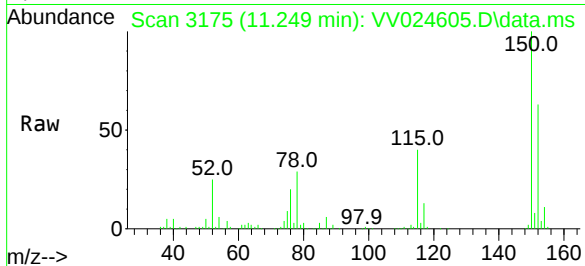
127 0.0 53.5 99.3#



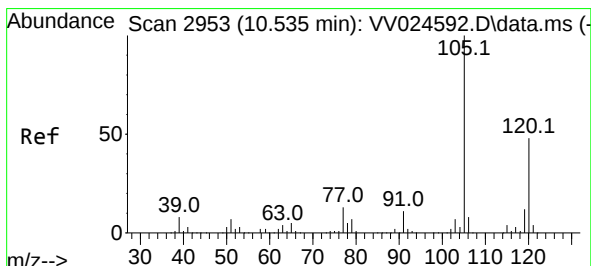
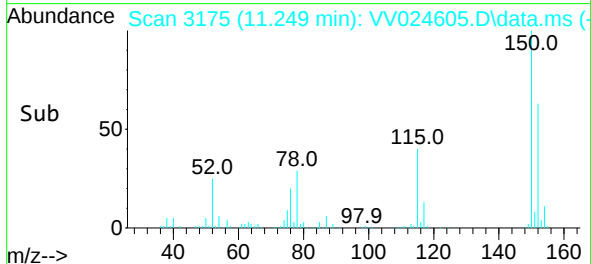
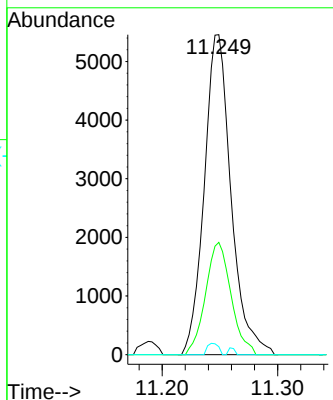


#61
 1,2,3-Trichloropropane
 Concen: 1.489 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.978 min
 Lab File: VV024605.D
 Acq: 11 Feb 2022 15:47

Instrument :
 MSVOA_V
 ClientSampleId :

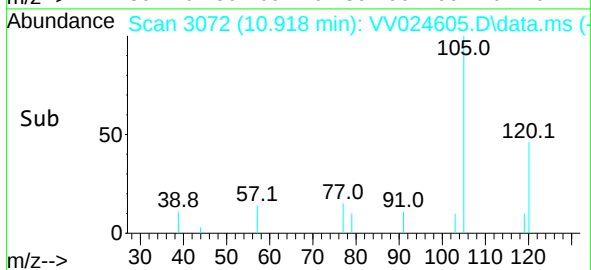
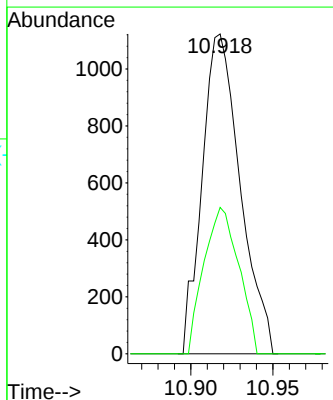
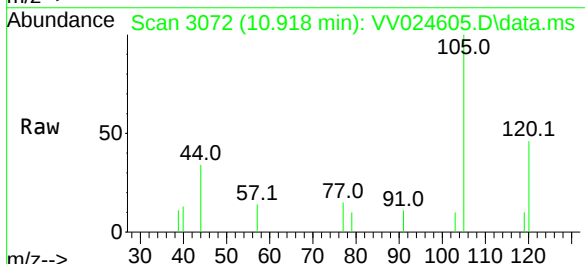


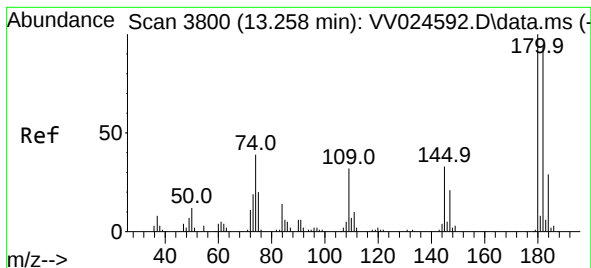
Tgt Ion: 75 Resp: 8790
 Ion Ratio Lower Upper
 75 100
 77 33.4 26.4 39.6
 110 1.5 34.2 51.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.039 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.383 min
 Lab File: VV024605.D
 Acq: 11 Feb 2022 15:47

Tgt Ion: 105 Resp: 1812
 Ion Ratio Lower Upper
 105 100
 120 41.8 40.1 60.1





#70

1,2,4-trichlorobenzene

Concen: 0.104 ug/L

RT: 13.268 min Scan# 3800

Delta R.T. 0.010 min

Lab File: VV024605.D

Acq: 11 Feb 2022 15:47

Instrument :

MSVOA_V

ClientSampleId :

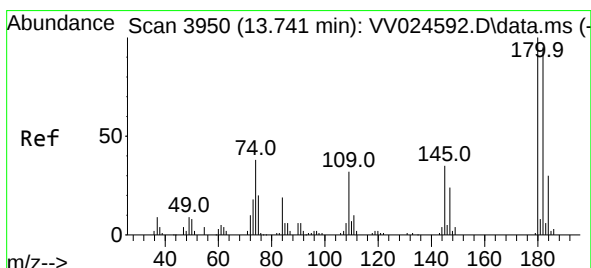
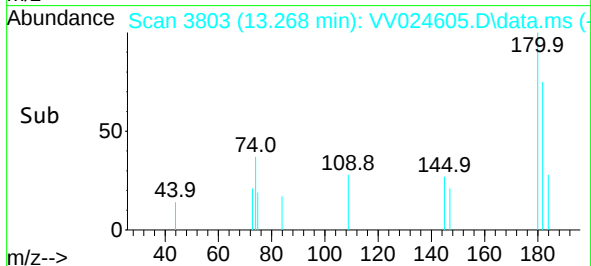
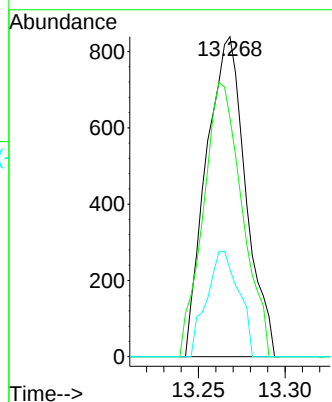
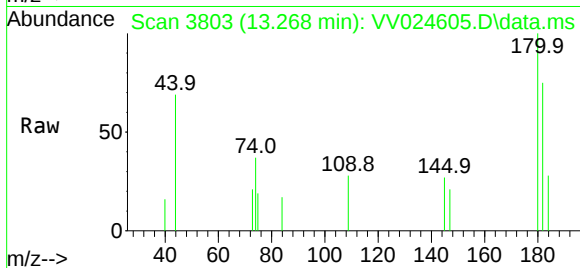
Tgt Ion:180 Resp: 1327

Ion Ratio Lower Upper

180 100

182 84.4 74.4 111.6

145 26.9 23.3 34.9



#72

1,2,3-Trichlorobenzene

Concen: 0.092 ug/L

RT: 13.747 min Scan# 3952

Delta R.T. 0.007 min

Lab File: VV024605.D

Acq: 11 Feb 2022 15:47

Tgt Ion:180 Resp: 980

Ion Ratio Lower Upper

180 100

182 71.9 76.8 115.2#

145 20.8 25.8 38.6#

