

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041822\
 Data File : VW025614.D
 Acq On : 18 Apr 2022 17:46
 Operator : SY/MD
 Sample : N2384-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Q3

Quant Time: Apr 19 05:09:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 19 05:06:28 2022
 Response via : Initial Calibration

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

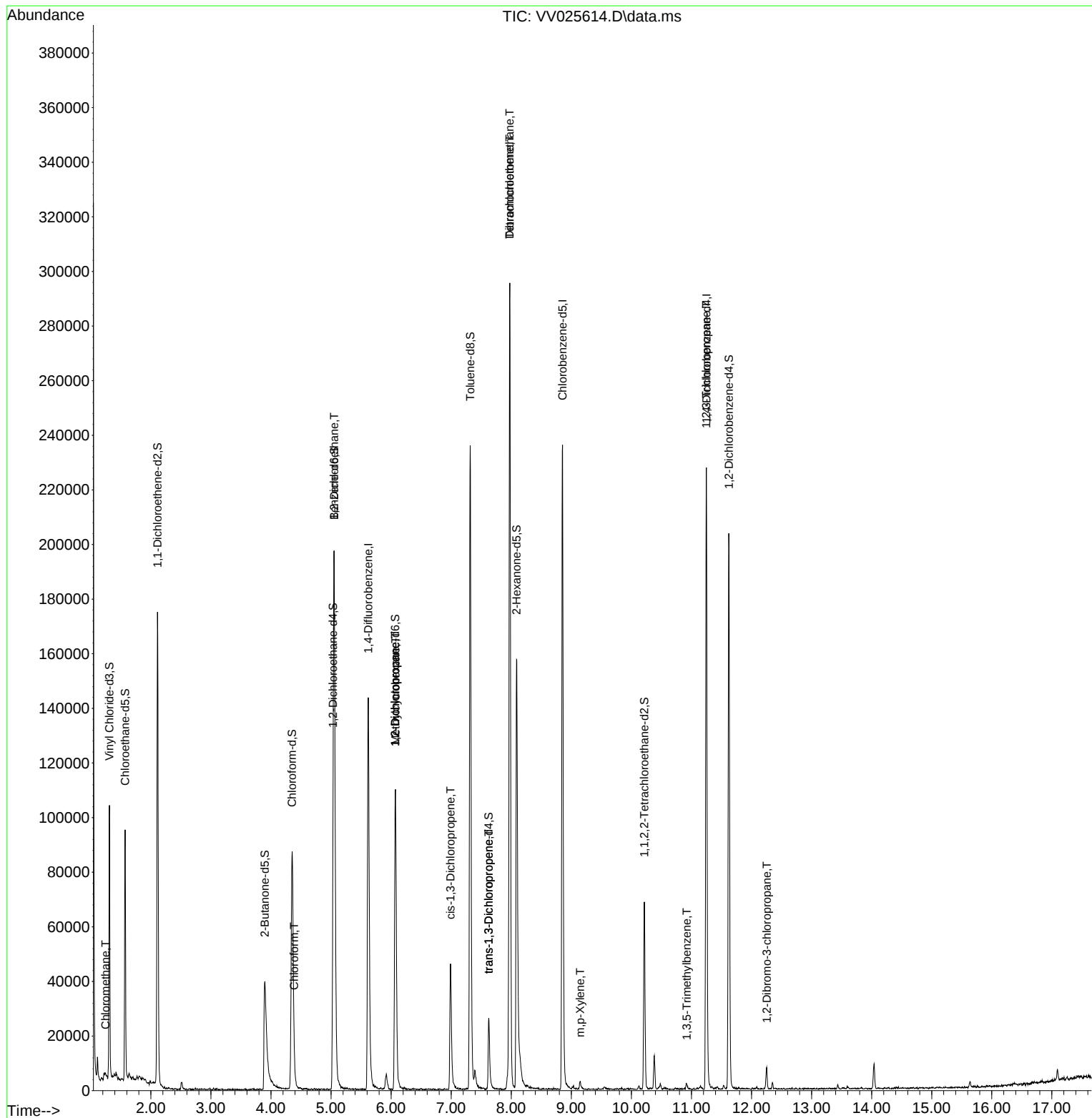
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126990	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	129794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	61027	5.169	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.400%
7) Chloroethane-d5	1.571	69	57291	4.561	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.111	63	91708	3.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.895	46	74156	51.636	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.280%
24) Chloroform-d	4.352	84	91955	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.034	65	41710	5.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.053	84	183720	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.069	67	53694	5.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.316	98	155440	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.625	79	15102	4.290	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.088	63	54778	44.337	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32084	4.849	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	50076	5.053	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	538	0.043	ug/L #	82
25) Chloroform	4.384	83	2202	0.133	ug/L #	73
27) 1,2-Dichloroethane	5.053	62	1202	0.138	ug/L #	71
35) Methylcyclohexane	6.072	83	13035	0.802	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6396	0.721	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1148	0.099	ug/L #	44
44) trans-1,3-Dichloropropene	7.625	75	653	0.072	ug/L #	62
47) Tetrachloroethene	7.976	164	63645	7.986	ug/L	95
49) Dibromochloromethane	7.976	129	60107	9.218	ug/L #	11
53) m,p-Xylene	9.146	106	1092	0.065	ug/L	88
61) 1,2,3-Trichloropropane	11.246	75	7094	1.822	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.921	105	1082	0.066	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.252	75	327	0.486	ug/L #	2

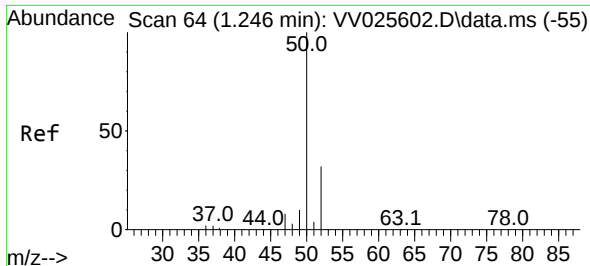
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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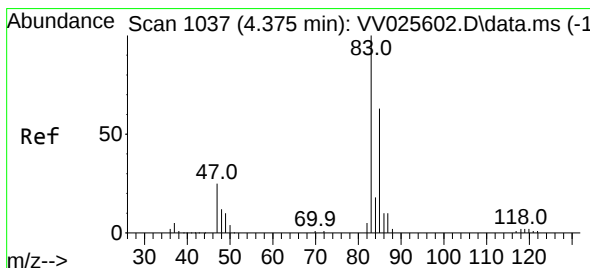
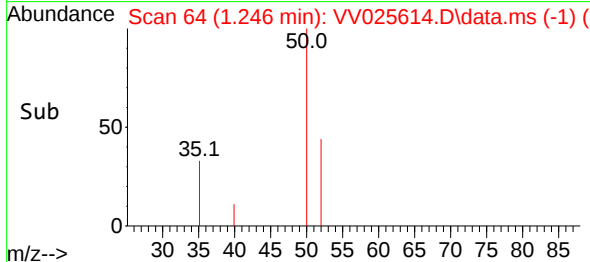
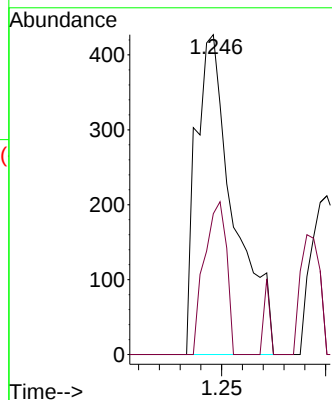
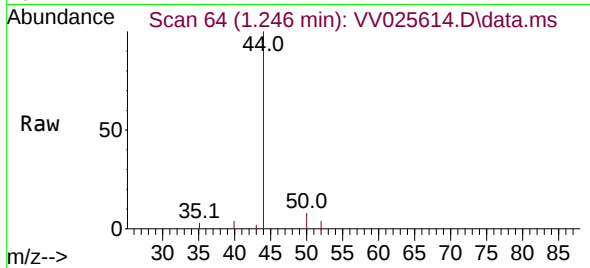




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.246 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV025614.D
Acq: 18 Apr 2022 17:46

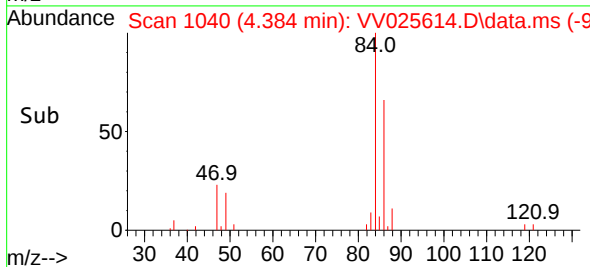
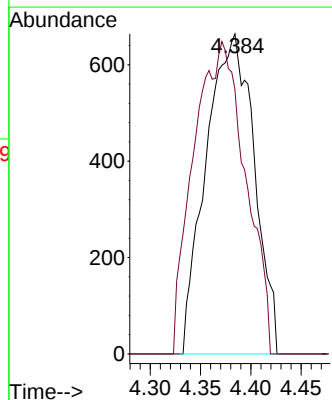
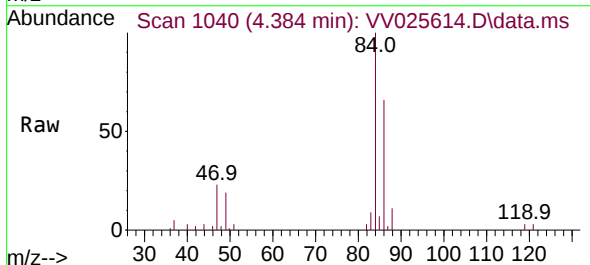
Instrument :
MSVOA_V
ClientSampleId :
EW6Q3

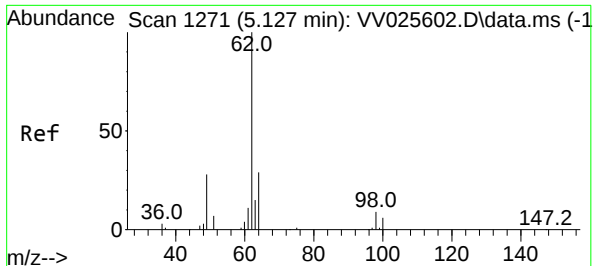
Tgt Ion: 50 Resp: 538
Ion Ratio Lower Upper
50 100
52 44.0 23.7 43.9#



#25
Chloroform
Concen: 0.133 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.009 min
Lab File: VV025614.D
Acq: 18 Apr 2022 17:46

Tgt Ion: 83 Resp: 2202
Ion Ratio Lower Upper
83 100
85 82.7 43.5 80.7#





#27

1,2-Dichloroethane

Concen: 0.138 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV025614.D

Acq: 18 Apr 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

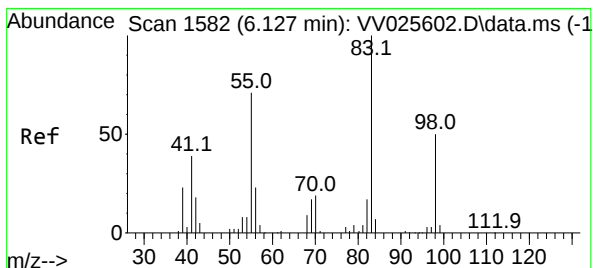
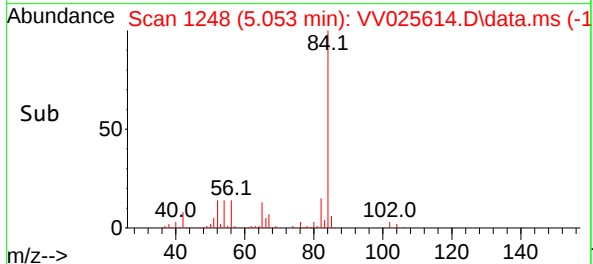
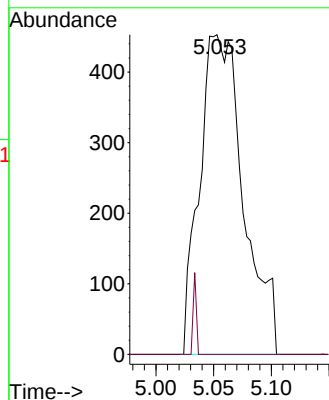
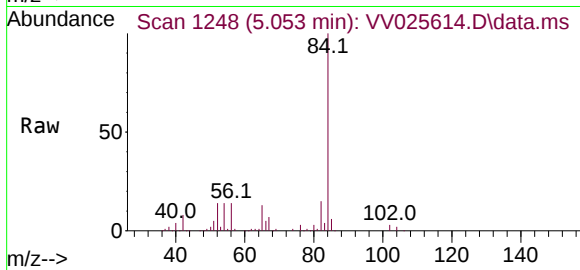
EW6Q3

Tgt Ion: 62 Resp: 1202

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#35

Methylcyclohexane

Concen: 0.802 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025614.D

Acq: 18 Apr 2022 17:46

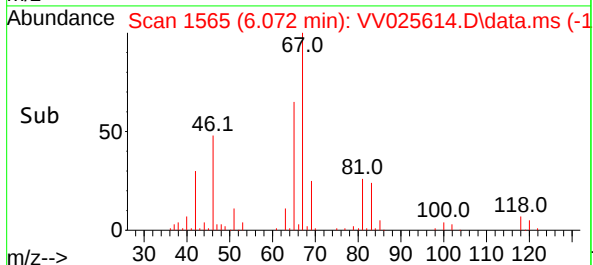
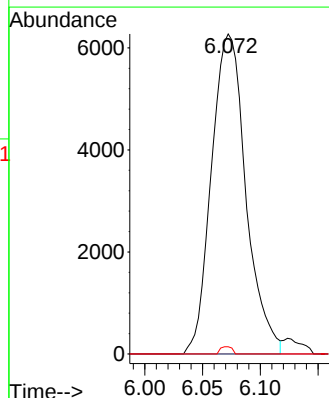
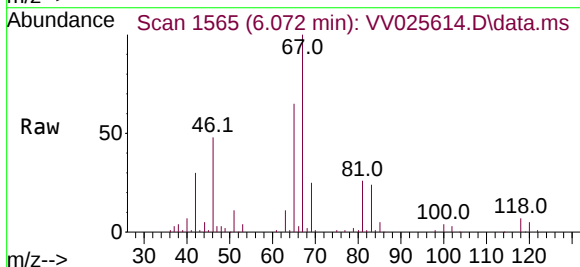
Tgt Ion: 83 Resp: 13035

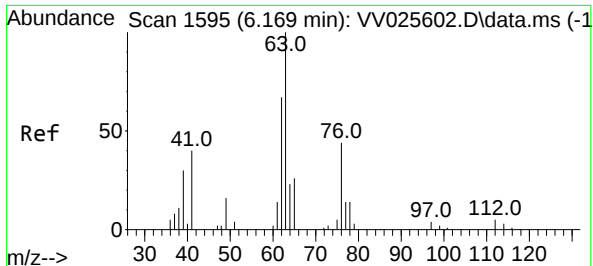
Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 0.8 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.721 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025614.D

Acq: 18 Apr 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

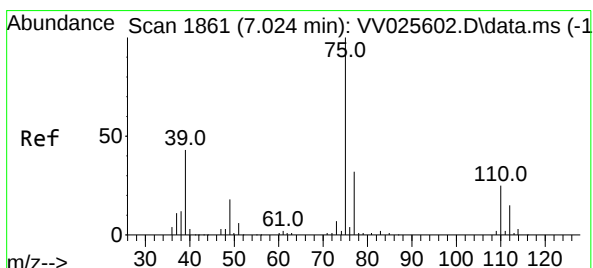
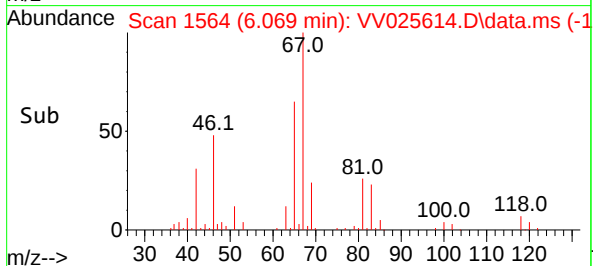
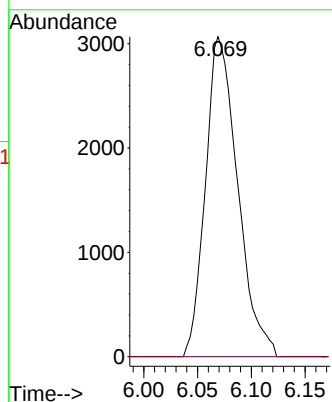
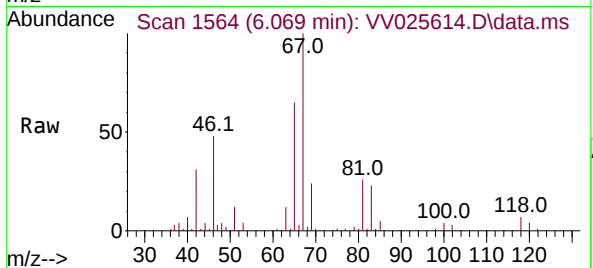
EW6Q3

Tgt Ion: 63 Resp: 6396

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.036 min

Lab File: VV025614.D

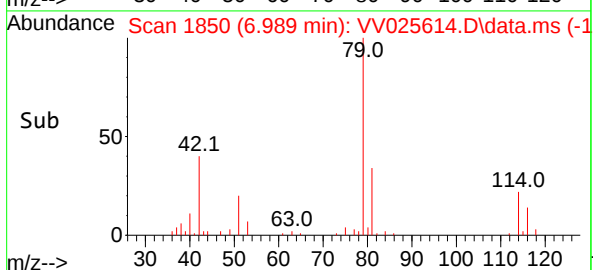
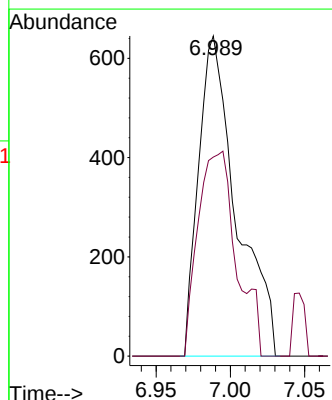
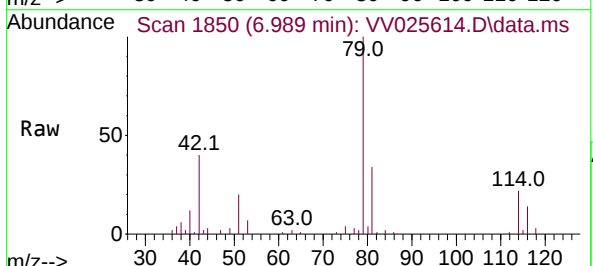
Acq: 18 Apr 2022 17:46

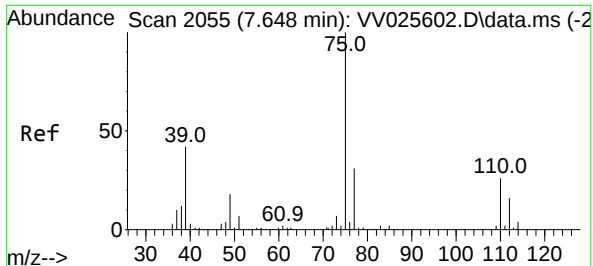
Tgt Ion: 75 Resp: 1148

Ion Ratio Lower Upper

75 100

77 62.2 21.8 40.6#

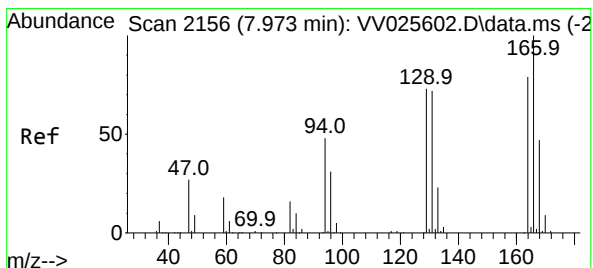
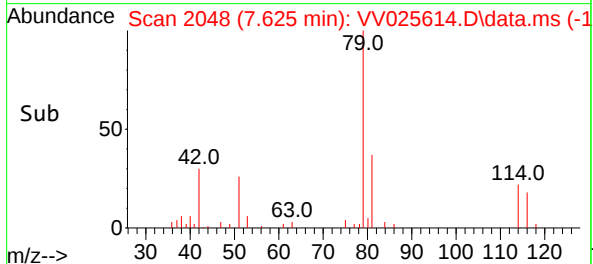
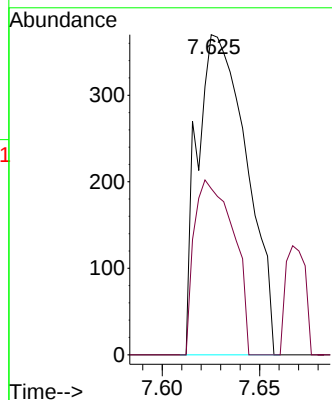
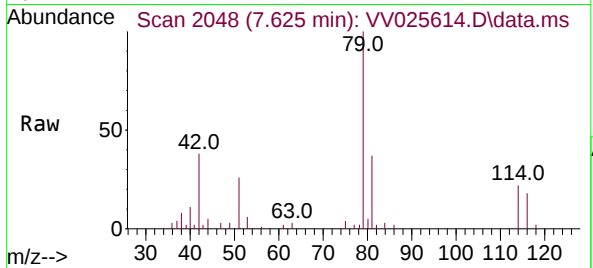




#44
trans-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.625 min Scan# 2055
Delta R.T. -0.023 min
Lab File: VV025614.D
Acq: 18 Apr 2022 17:46

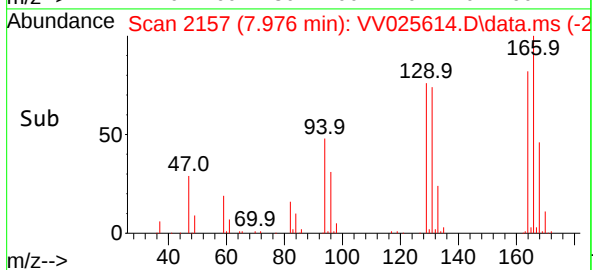
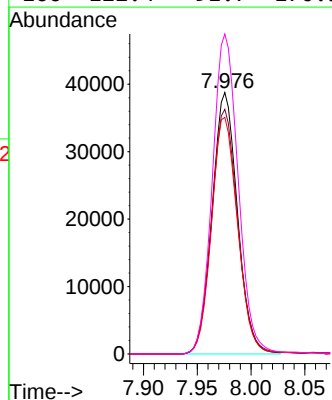
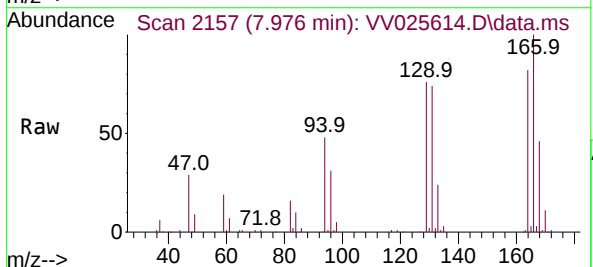
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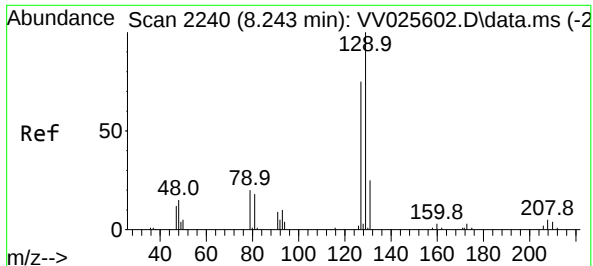
Tgt Ion: 75 Resp: 653
Ion Ratio Lower Upper
75 100
77 51.9 21.7 40.3#



#47
Tetrachloroethene
Concen: 7.986 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025614.D
Acq: 18 Apr 2022 17:46

Tgt Ion: 164 Resp: 63645
Ion Ratio Lower Upper
164 100
129 93.6 66.8 124.2
131 90.5 66.4 123.4
166 122.4 91.7 170.3





#49

Dibromochloromethane

Concen: 9.218 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025614.D

Acq: 18 Apr 2022 17:46

Instrument :

MSVOA_V

ClientSampleId :

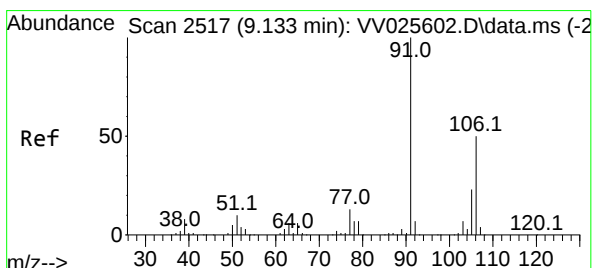
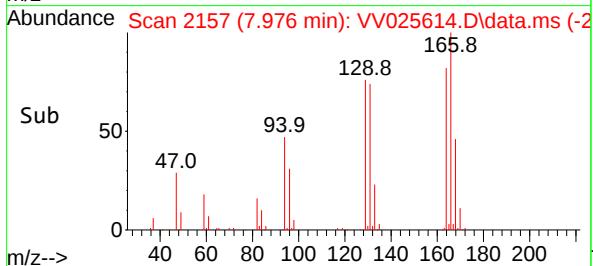
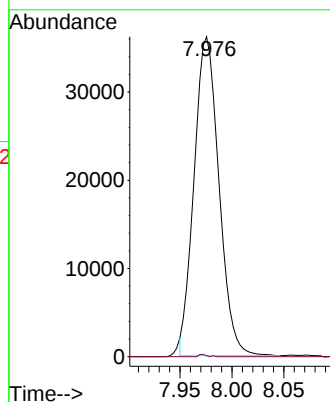
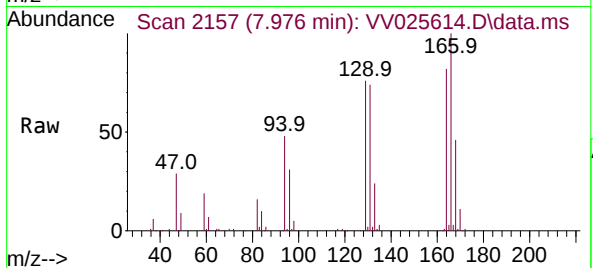
EW6Q3

Tgt Ion:129 Resp: 60107

Ion Ratio Lower Upper

129 100

127 0.3 53.8 100.0#



#53

m,p-Xylene

Concen: 0.065 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.013 min

Lab File: VV025614.D

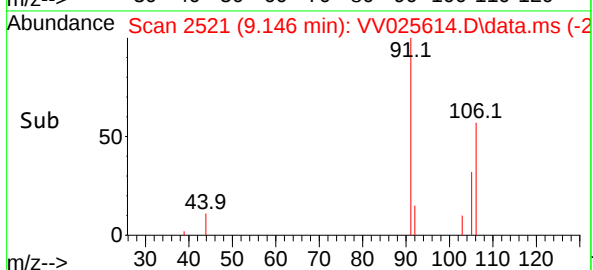
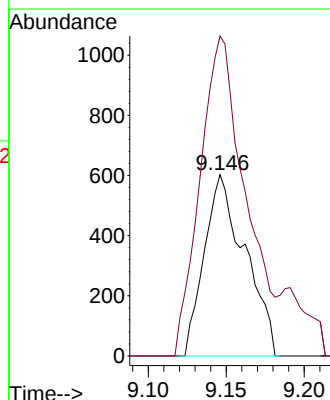
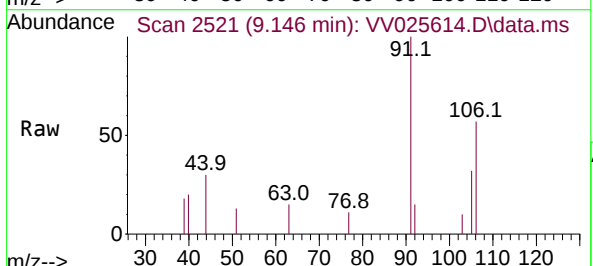
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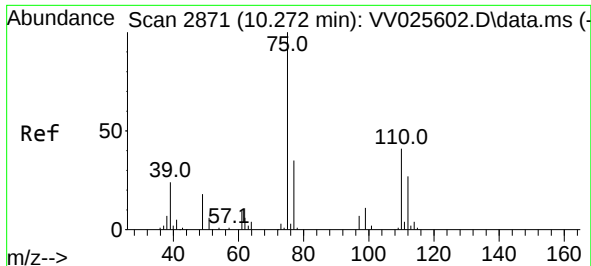
Tgt Ion:106 Resp: 1092

Ion Ratio Lower Upper

106 100

91 176.5 136.4 253.4

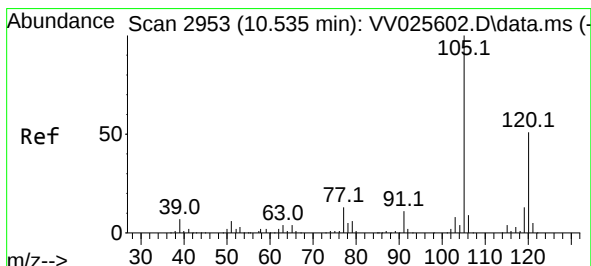
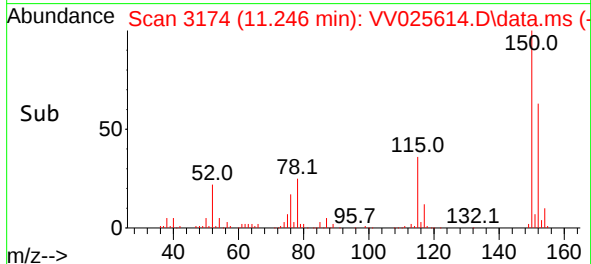
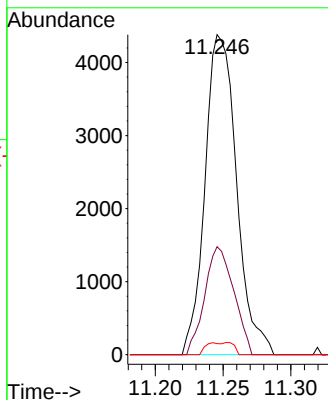
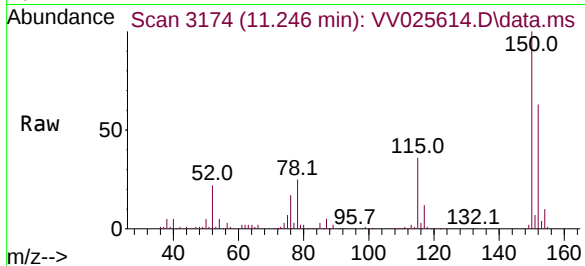




#61
 1,2,3-Trichloropropane
 Concen: 1.822 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV025614.D
 Acq: 18 Apr 2022 17:46

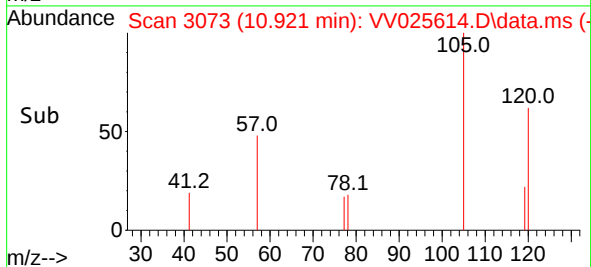
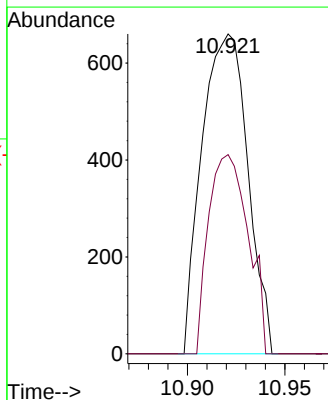
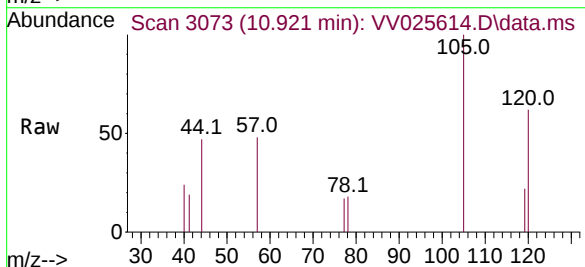
Instrument :
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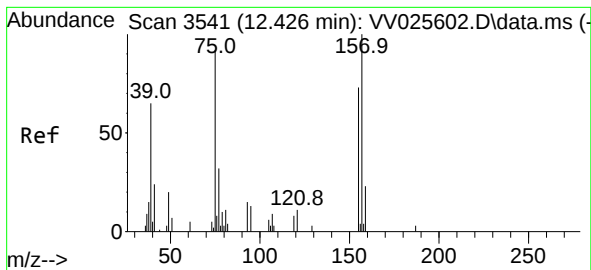
Tgt Ion: 75 Resp: 7094
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.6 38.4
 110 2.0 34.7 52.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.066 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.386 min
 Lab File: VV025614.D
 Acq: 18 Apr 2022 17:46

Tgt Ion: 105 Resp: 1082
 Ion Ratio Lower Upper
 105 100
 120 53.8 39.6 59.4





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.486 ug/L
 RT: 12.252 min Scan# 34
 Delta R.T. -0.174 min
 Lab File: VV025614.D
 Acq: 18 Apr 2022 17:46

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Q3

Tgt Ion: 75 Resp: 327
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

