

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025575.D
 Acq On : 15 Apr 2022 18:03
 Operator : SY/MD
 Sample : N2384-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Q3

Quant Time: Apr 16 02:44:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 16 02:38:36 2022
 Response via : Initial Calibration

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

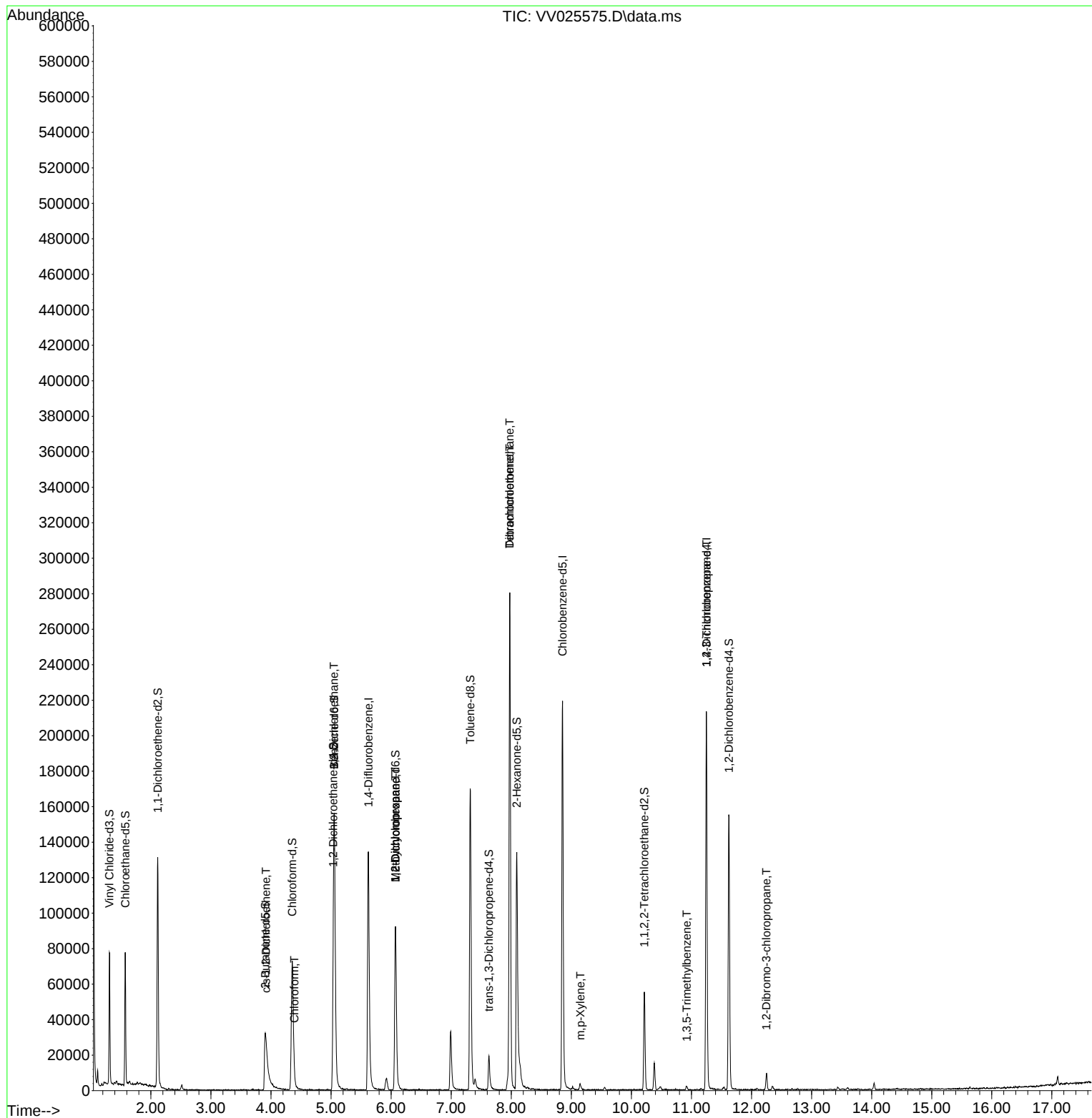
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	116725	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	121518	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55575	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	43345	3.994	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.574	69	44477	3.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.114	63	68809	3.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.905	46	64084	48.547	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.100%
24) Chloroform-d	4.355	84	74684	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.037	65	35346	5.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.053	84	143448	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.072	67	44238	4.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.316	98	115711	3.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	7.628	79	11671	3.541	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.091	63	45318	39.178	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26203	4.230	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	38803	4.164	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.915	96	232	0.026	ug/L	88
25) Chloroform	4.391	83	1527	0.101	ug/L	80
27) 1,2-Dichloroethane	5.050	62	816	0.102	ug/L #	71
35) Methylcyclohexane	6.072	83	11646	0.766	ug/L #	23
37) 1,2-Dichloropropane	6.072	63	5318	0.640	ug/L #	85
47) Tetrachloroethene	7.976	164	59719	8.003	ug/L	97
49) Dibromochloromethane	7.976	129	55267	9.053	ug/L #	11
53) m,p-Xylene	9.149	106	1212	0.077	ug/L	65
61) 1,2,3-Trichloropropane	11.249	75	6436	1.758	ug/L #	57
62) 1,3,5-Trimethylbenzene	10.921	105	1446	0.094	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.246	75	368	0.582	ug/L #	2

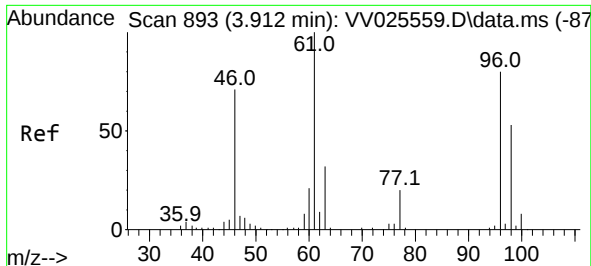
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.026 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.003 min

Lab File: VV025575.D

Acq: 15 Apr 2022 18:03

Instrument :

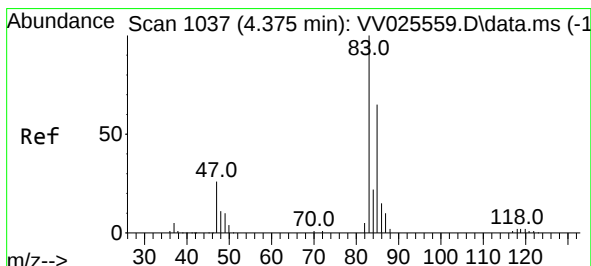
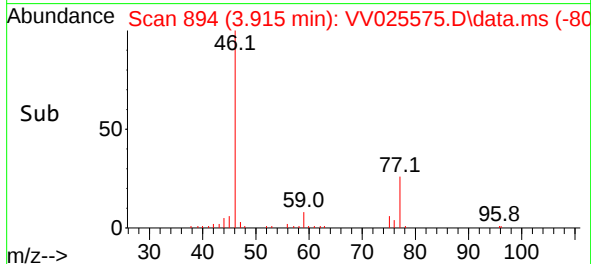
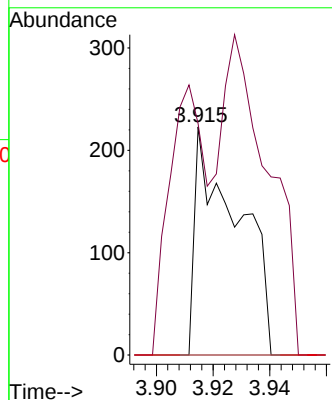
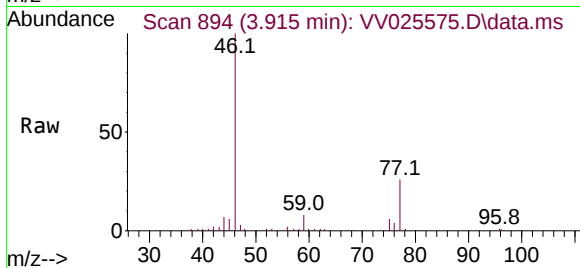
MSVOA_V

ClientSampleId :

EW6Q3

Tgt Ion: 96 Resp: 232

Ion	Ratio	Lower	Upper
96	100		
61	101.3	80.0	148.6
68	0.0	0.0	0.0



#25

Chloroform

Concen: 0.101 ug/L

RT: 4.391 min Scan# 1042

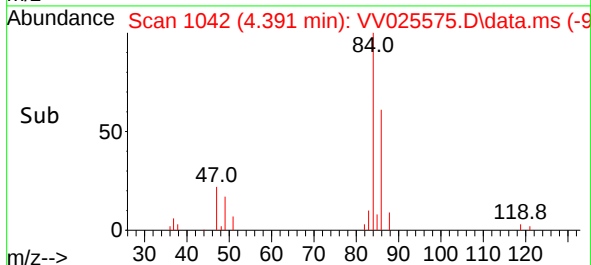
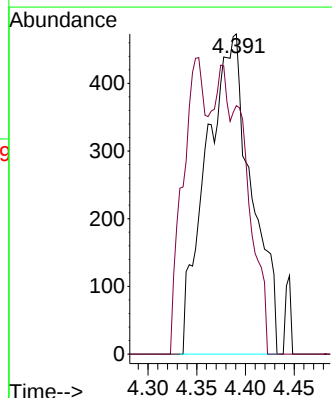
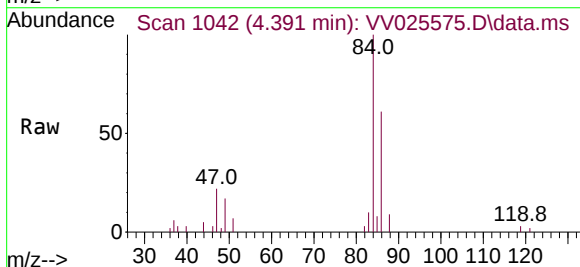
Delta R.T. 0.016 min

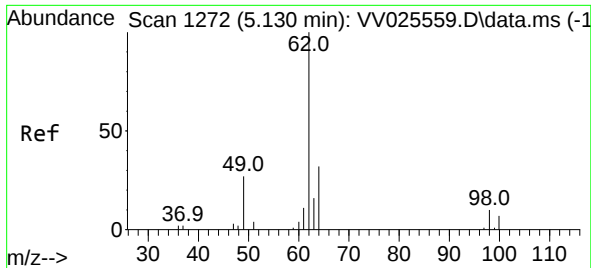
Lab File: VV025575.D

Acq: 15 Apr 2022 18:03

Tgt Ion: 83 Resp: 1527

Ion	Ratio	Lower	Upper
83	100		
85	77.6	43.5	80.7





#27

1,2-Dichloroethane

Concen: 0.102 ug/L

RT: 5.050 min Scan# 1

Delta R.T. -0.081 min

Lab File: VV025575.D

Acq: 15 Apr 2022 18:03

Instrument :

MSVOA_V

ClientSampleId :

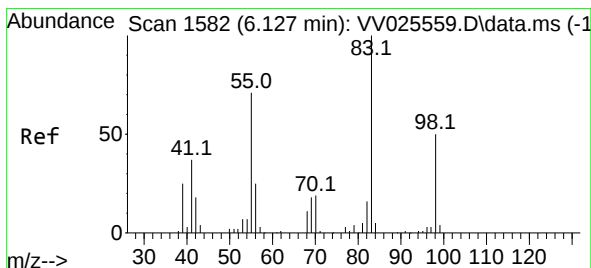
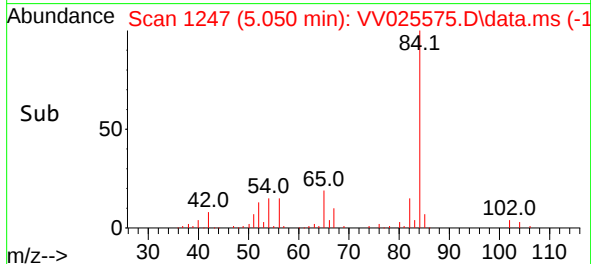
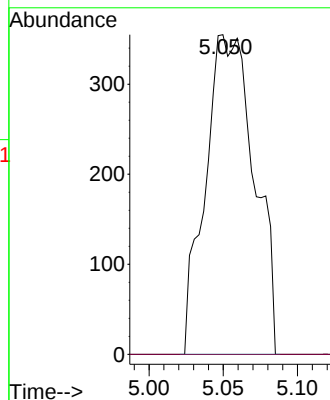
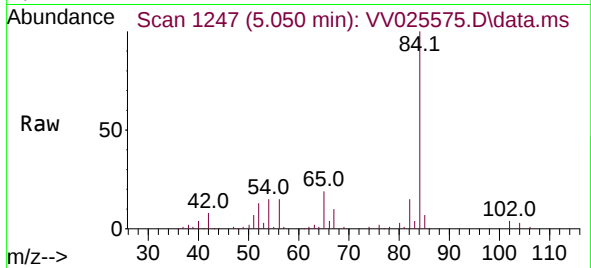
EW6Q3

Tgt Ion: 62 Resp: 816

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#35

Methylcyclohexane

Concen: 0.766 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025575.D

Acq: 15 Apr 2022 18:03

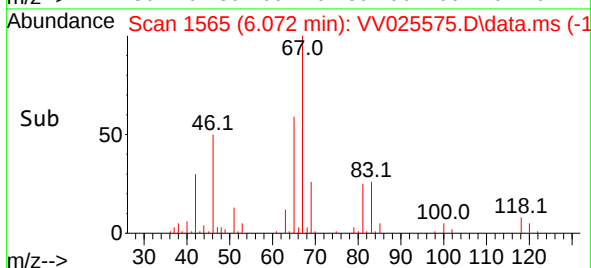
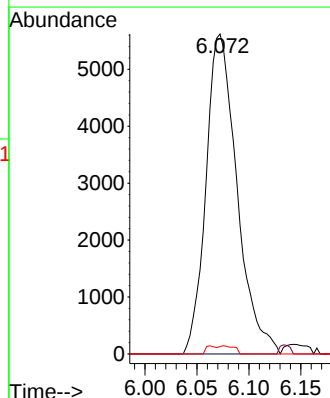
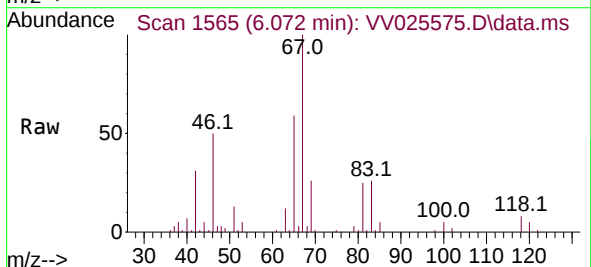
Tgt Ion: 83 Resp: 11646

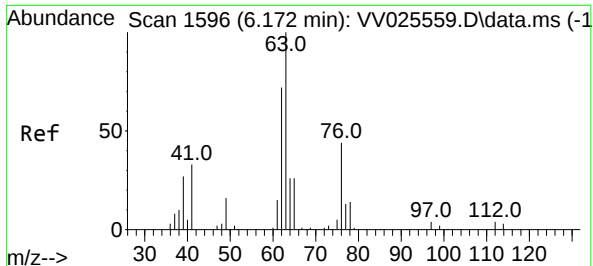
Ion Ratio Lower Upper

83 100

55 0.9 53.7 80.5#

98 1.3 39.6 59.4#

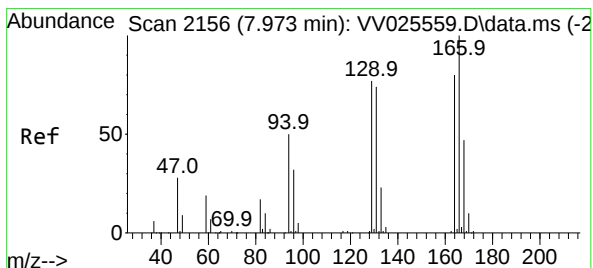
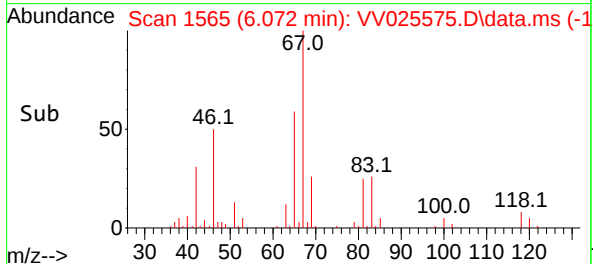
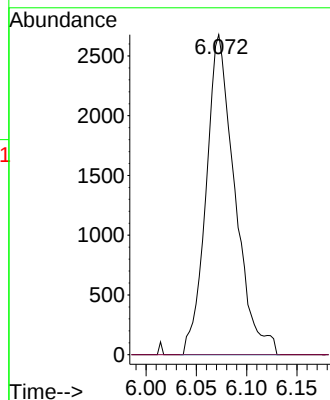
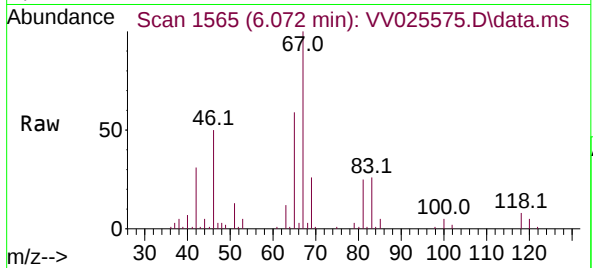




#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV025575.D
Acq: 15 Apr 2022 18:03

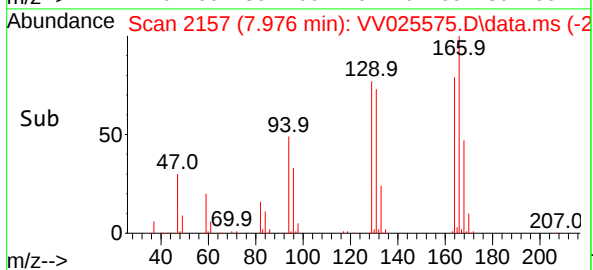
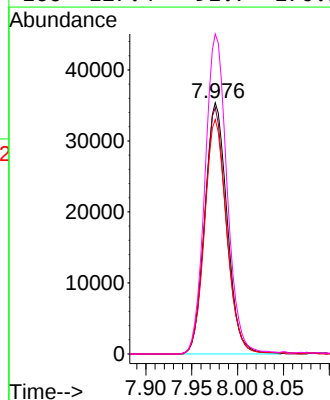
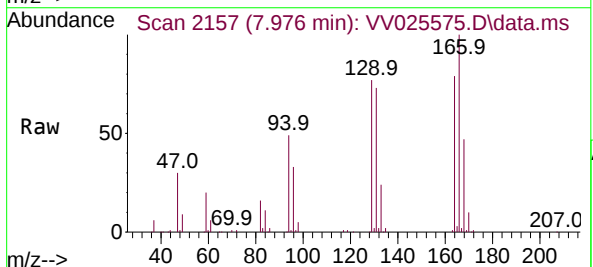
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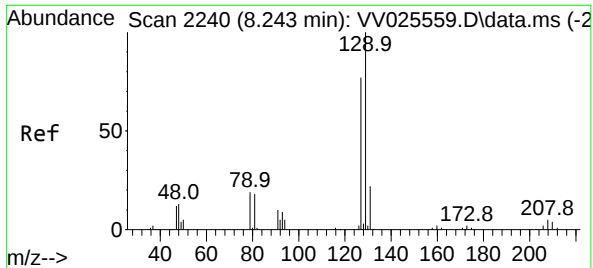
Tgt Ion: 63 Resp: 5318
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#47
Tetrachloroethene
Concen: 8.003 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025575.D
Acq: 15 Apr 2022 18:03

Tgt Ion: 164 Resp: 59719
Ion Ratio Lower Upper
164 100
129 98.1 66.8 124.2
131 93.3 66.4 123.4
166 127.4 91.7 170.3





#49

Dibromochloromethane

Concen: 9.053 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025575.D

Acq: 15 Apr 2022 18:03

Instrument :

MSVOA_V

ClientSampleId :

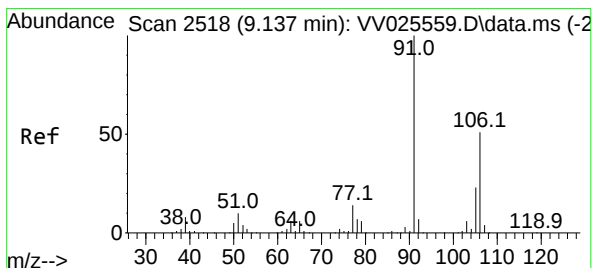
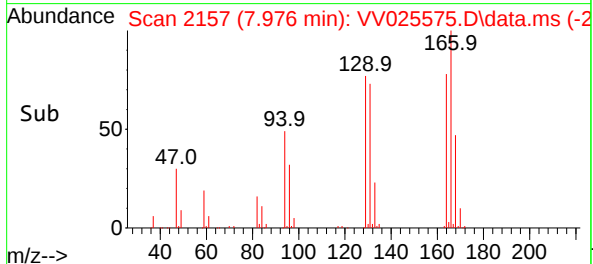
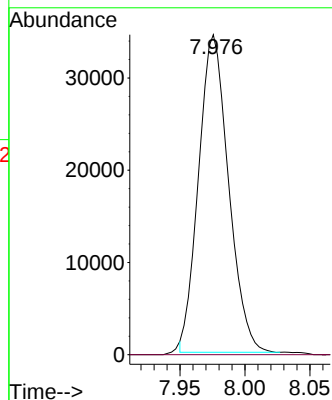
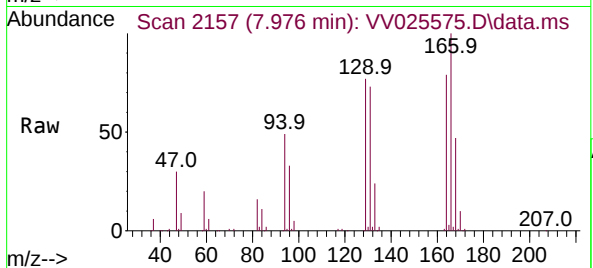
EW6Q3

Tgt Ion:129 Resp: 55267

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#53

m,p-Xylene

Concen: 0.077 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.013 min

Lab File: VV025575.D

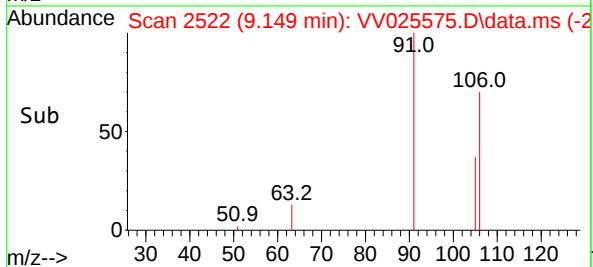
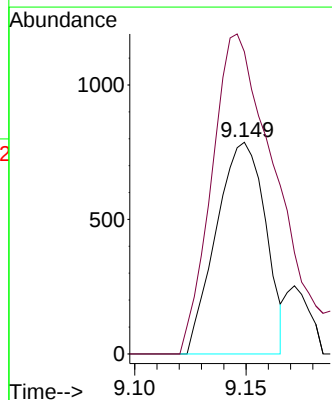
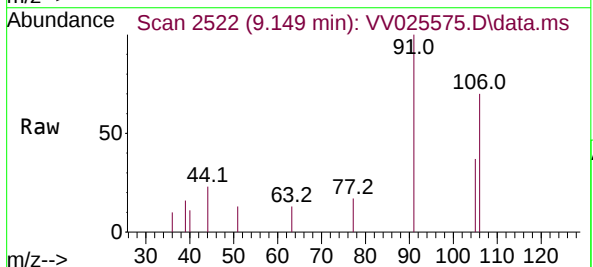
Acq: 15 Apr 2022 18:03

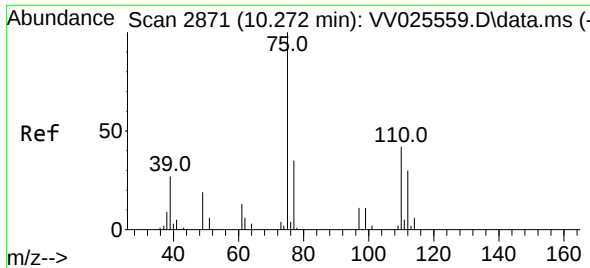
Tgt Ion:106 Resp: 1212

Ion Ratio Lower Upper

106 100

91 142.8 136.4 253.4

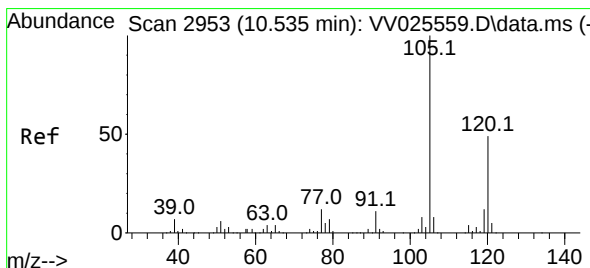
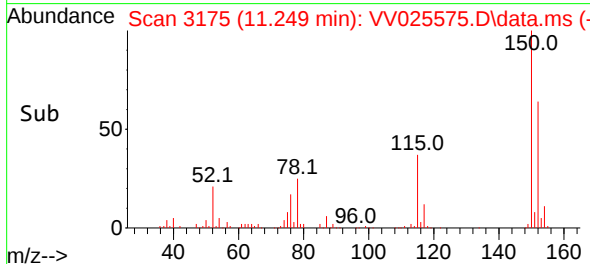
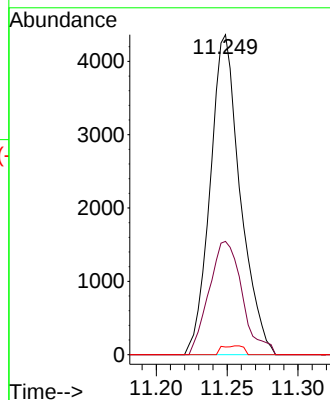
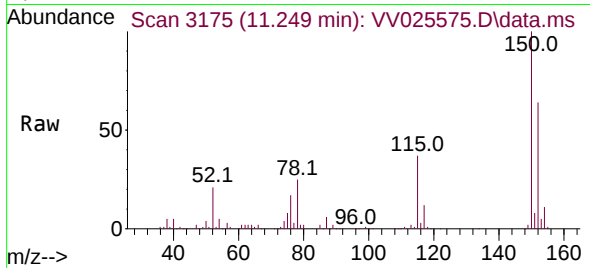




#61
 1,2,3-Trichloropropane
 Concen: 1.758 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV025575.D
 Acq: 15 Apr 2022 18:03

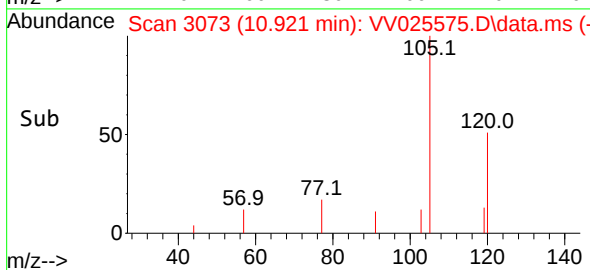
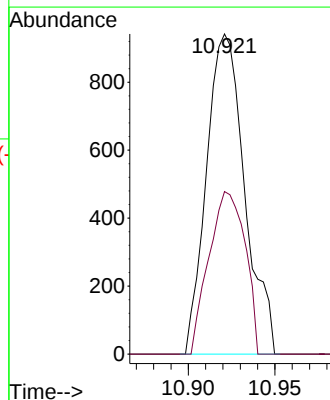
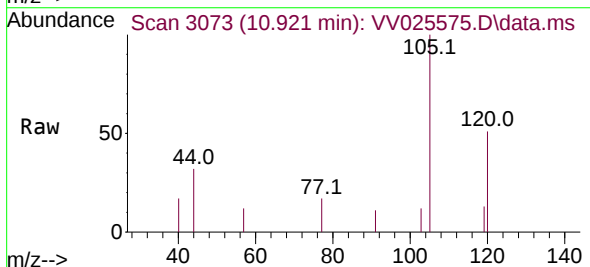
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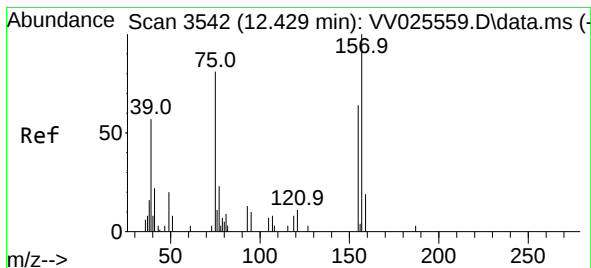
Tgt Ion: 75 Resp: 6436
 Ion Ratio Lower Upper
 75 100
 77 39.2 25.6 38.4#
 110 2.0 34.7 52.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.094 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.386 min
 Lab File: VV025575.D
 Acq: 15 Apr 2022 18:03

Tgt Ion: 105 Resp: 1446
 Ion Ratio Lower Upper
 105 100
 120 48.1 39.6 59.4





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.582 ug/L
 RT: 12.246 min Scan# 34
 Delta R.T. -0.184 min
 Lab File: VV025575.D
 Acq: 15 Apr 2022 18:03

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Q3

Tgt Ion: 75 Resp: 368
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

