

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025574.D
 Acq On : 15 Apr 2022 17:40
 Operator : SY/MD
 Sample : N2384-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Q2

Quant Time: Apr 16 02:44:42 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	5.619	114	125764	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	123453	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51489	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	43692	3.737	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.574	69	43279	3.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.600%
11) 1,1-Dichloroethene-d2	2.114	63	67608	2.886	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.800%#
20) 2-Butanone-d5	3.902	46	69259	48.696	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.400%
24) Chloroform-d	4.352	84	75137	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.037	65	35241	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.053	84	144508	4.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.069	67	42989	4.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.316	98	116900	3.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	7.628	79	11491	3.432	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.091	63	44255	37.659	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.320%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	25830	4.104	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	36146	4.187	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.133	85	107637	9.474	ug/L	98
3) Chloromethane	1.246	50	459	0.037	ug/L #	39
13) Acetone	2.191	43	5056	5.237	ug/L	89
14) Carbon disulfide	2.301	76	9266	0.355	ug/L	97
22) cis-1,2-Dichloroethene	3.921	96	5010	0.521	ug/L	86
25) Chloroform	4.391	83	1853	0.113	ug/L	96
27) 1,2-Dichloroethane	5.059	62	753	0.087	ug/L #	71
34) Trichloroethene	5.927	95	3122	0.322	ug/L	84
35) Methylcyclohexane	6.072	83	10561	0.684	ug/L #	23
37) 1,2-Dichloropropane	6.072	63	5181	0.614	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	983	0.089	ug/L #	80
47) Tetrachloroethene	7.976	164	26882	3.546	ug/L	93
49) Dibromochloromethane	7.976	129	25281	4.076	ug/L #	11
52) Ethylbenzene	9.024	91	2312	0.055	ug/L #	82
53) m,p-Xylene	9.149	106	908	0.056	ug/L	78
61) 1,2,3-Trichloropropane	11.246	75	6127	1.807	ug/L #	60
68) 1,2-Dibromo-3-chloropr...	12.249	75	209	0.356	ug/L #	2

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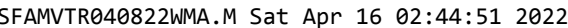
Instrument :
MSVOA_V
ClientSampleId :
EW6Q2

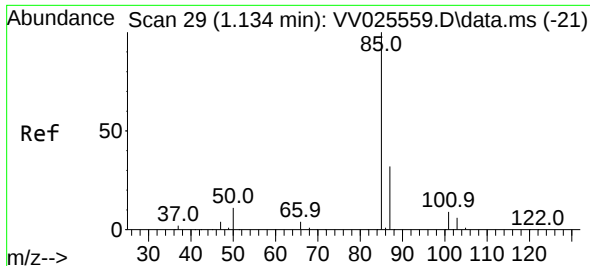
Quant Time: Apr 16 02:44:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 16 02:38:36 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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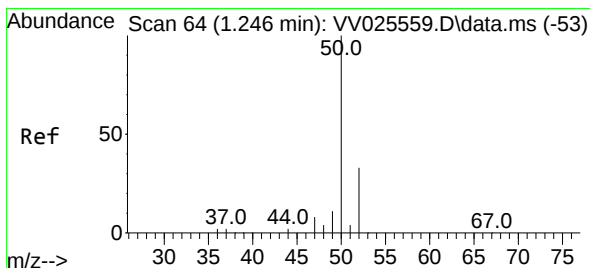
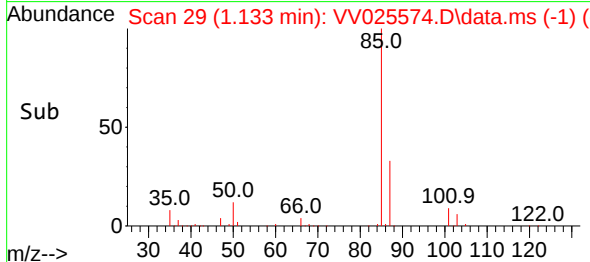
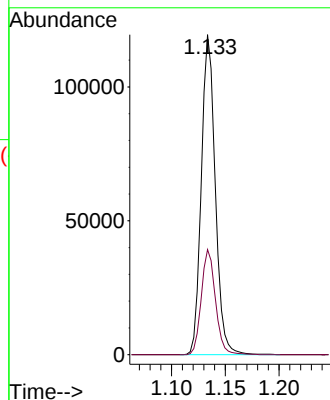
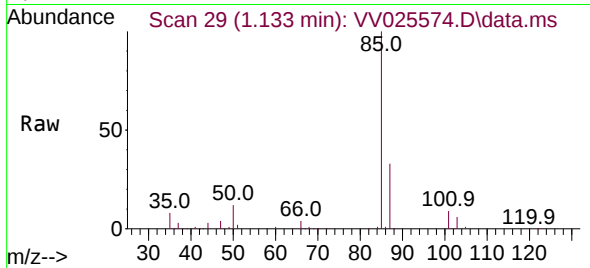




#2
Dichlorodifluoromethane
Concen: 9.474 ug/L
RT: 1.133 min Scan# 29
Delta R.T. -0.000 min
Lab File: VV025574.D
Acq: 15 Apr 2022 17:40

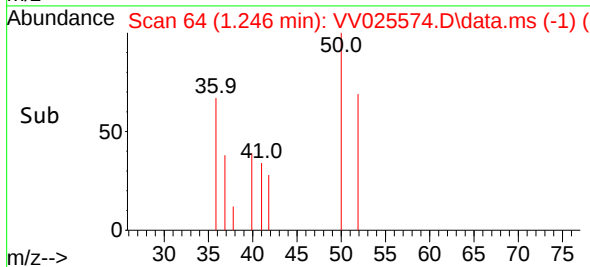
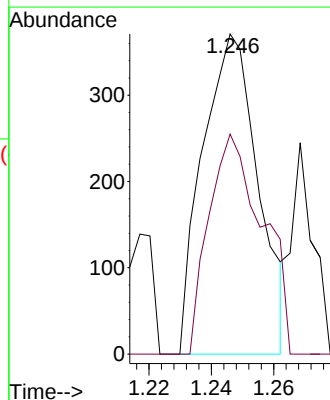
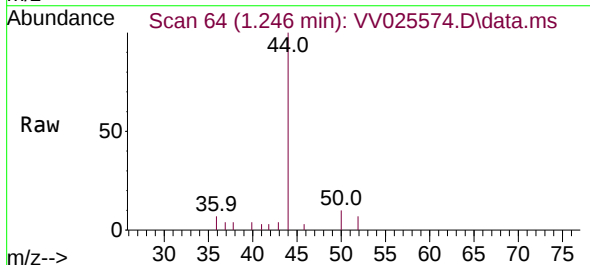
Instrument :
MSVOA_V
ClientSampleId :
EW6Q2

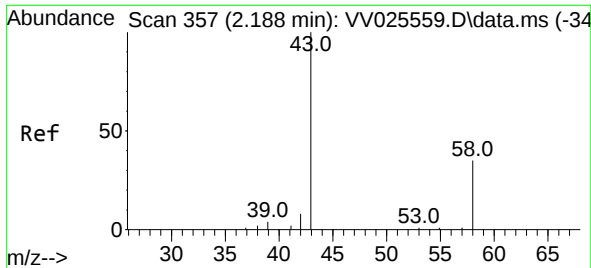
Tgt Ion: 85 Resp: 107637
Ion Ratio Lower Upper
85 100
87 33.3 25.6 38.4



#3
Chloromethane
Concen: 0.037 ug/L
RT: 1.246 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV025574.D
Acq: 15 Apr 2022 17:40

Tgt Ion: 50 Resp: 459
Ion Ratio Lower Upper
50 100
52 68.7 23.7 43.9#





#13

Acetone

Concen: 5.237 ug/L

RT: 2.191 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025574.D

Acq: 15 Apr 2022 17:40

Instrument :

MSVOA_V

ClientSampleId :

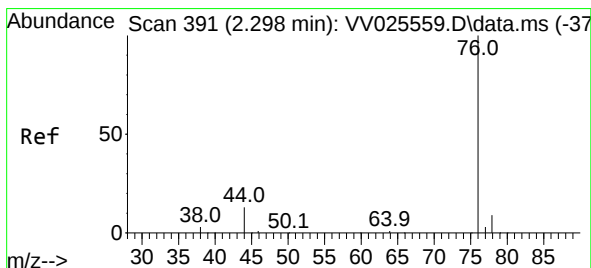
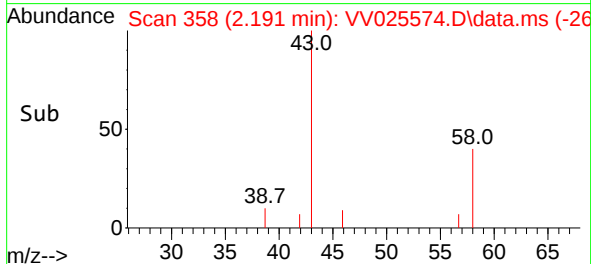
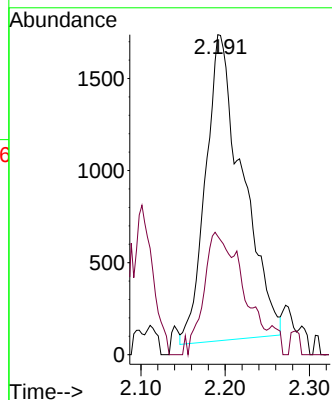
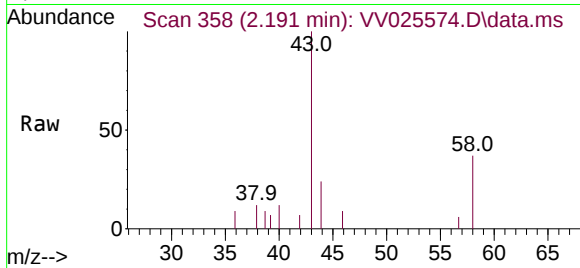
EW6Q2

Tgt Ion: 43 Resp: 5056

Ion Ratio Lower Upper

43 100

58 42.6 0.0 72.2



#14

Carbon disulfide

Concen: 0.355 ug/L

RT: 2.301 min Scan# 392

Delta R.T. 0.003 min

Lab File: VV025574.D

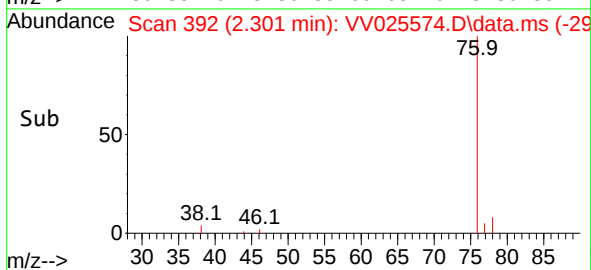
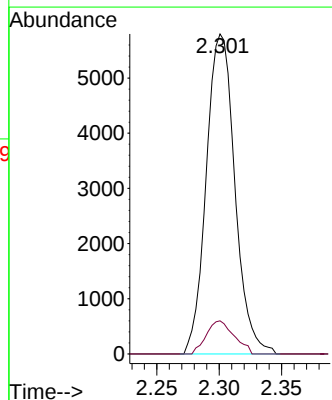
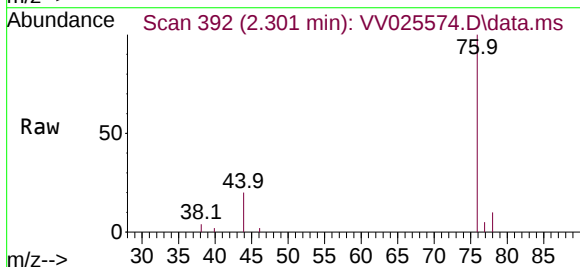
Acq: 15 Apr 2022 17:40

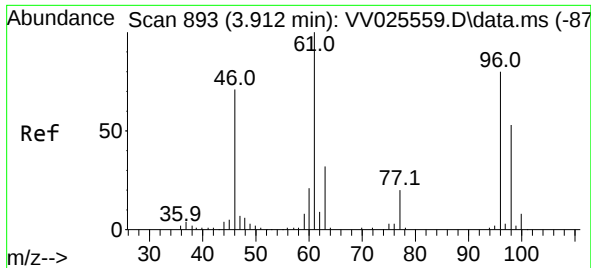
Tgt Ion: 76 Resp: 9266

Ion Ratio Lower Upper

76 100

78 10.3 7.3 10.9

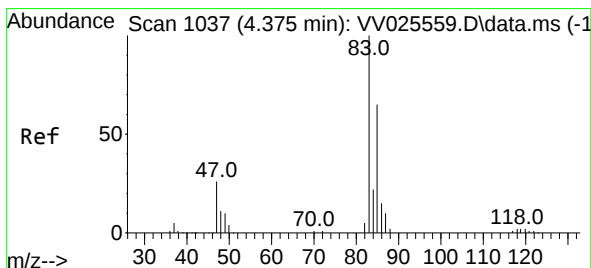
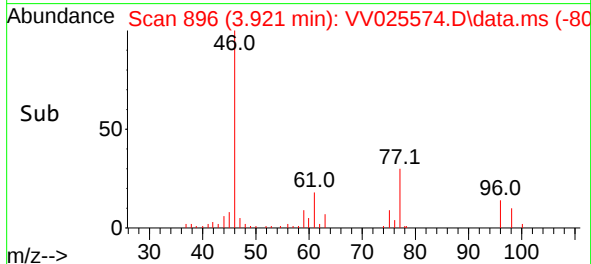
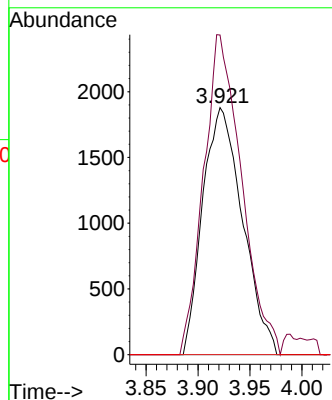
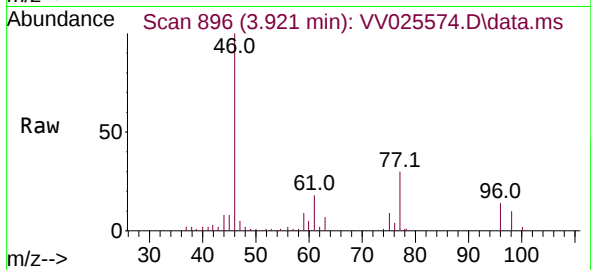




#22
 cis-1,2-Dichloroethene
 Concen: 0.521 ug/L
 RT: 3.921 min Scan# 893
 Delta R.T. 0.009 min
 Lab File: VV025574.D
 Acq: 15 Apr 2022 17:40

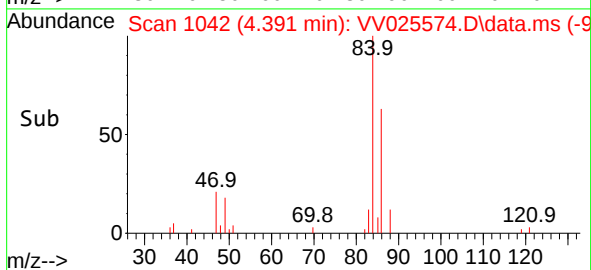
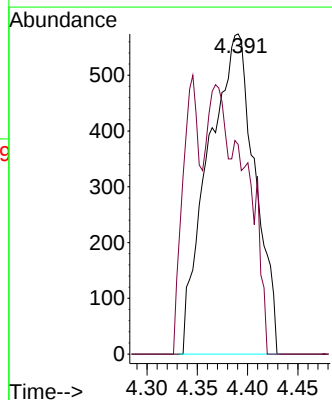
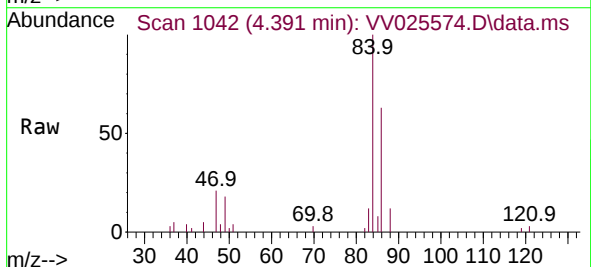
Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Q2

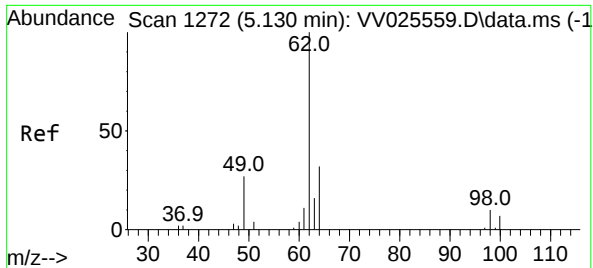
Tgt Ion: 96 Resp: 5010
 Ion Ratio Lower Upper
 96 100
 61 129.4 80.0 148.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.113 ug/L
 RT: 4.391 min Scan# 1042
 Delta R.T. 0.016 min
 Lab File: VV025574.D
 Acq: 15 Apr 2022 17:40

Tgt Ion: 83 Resp: 1853
 Ion Ratio Lower Upper
 83 100
 85 65.5 43.5 80.7





#27

1,2-Dichloroethane

Concen: 0.087 ug/L

RT: 5.059 min Scan# 11

Delta R.T. -0.071 min

Lab File: VV025574.D

Acq: 15 Apr 2022 17:40

Instrument :

MSVOA_V

ClientSampleId :

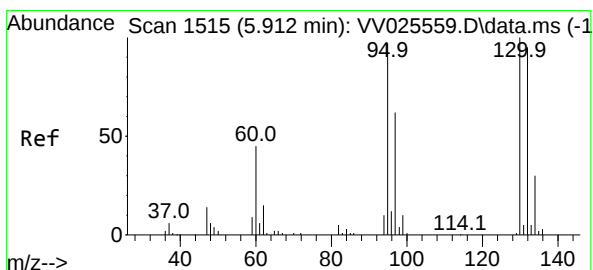
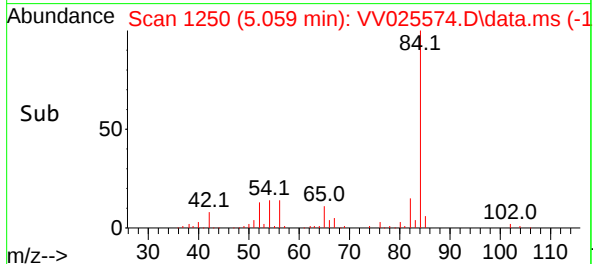
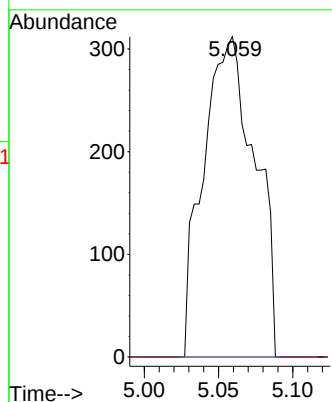
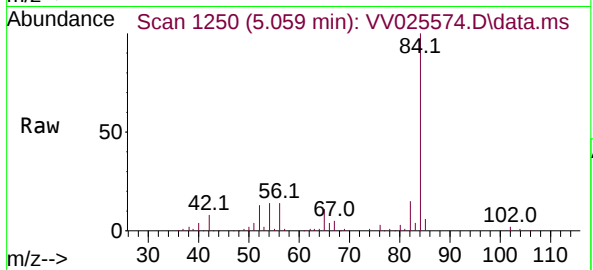
EW6Q2

Tgt Ion: 62 Resp: 753

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#34

Trichloroethene

Concen: 0.322 ug/L

RT: 5.927 min Scan# 1520

Delta R.T. 0.016 min

Lab File: VV025574.D

Acq: 15 Apr 2022 17:40

Tgt Ion: 95 Resp: 3122

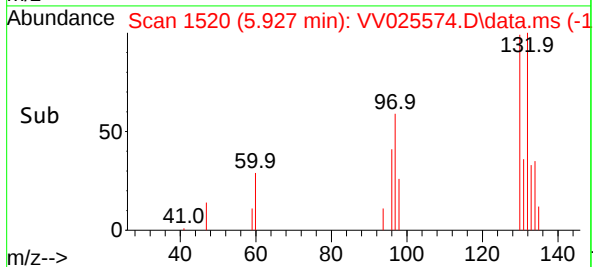
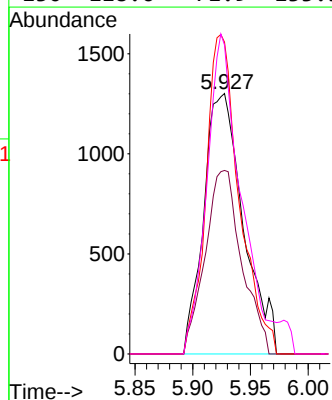
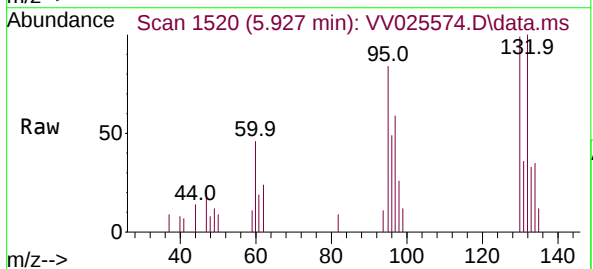
Ion Ratio Lower Upper

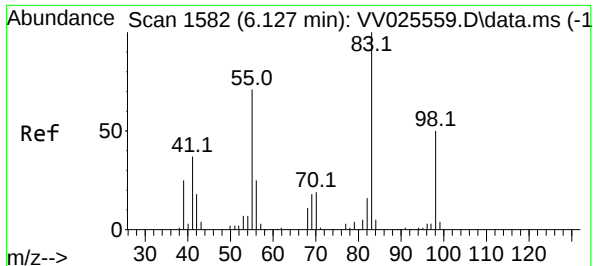
95 100

97 70.4 45.8 85.2

132 119.7 68.0 126.4

130 118.6 71.9 133.5





#35

Methylcyclohexane

Concen: 0.684 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025574.D

Acq: 15 Apr 2022 17:40

Instrument :

MSVOA_V

ClientSampleId :

EW6Q2

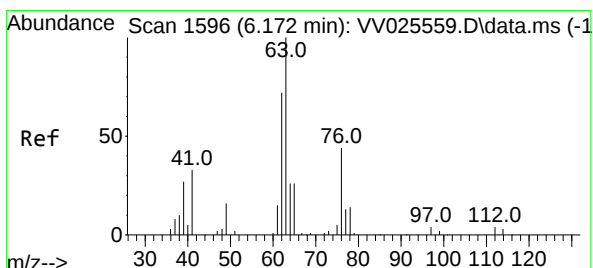
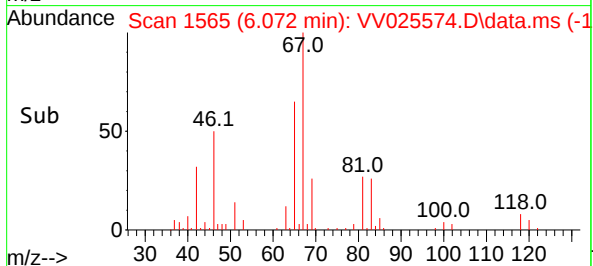
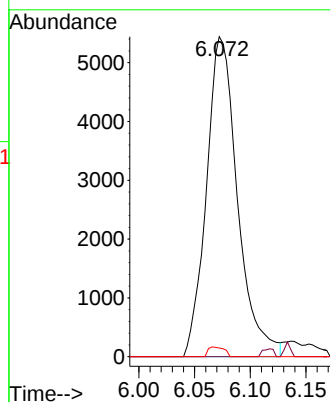
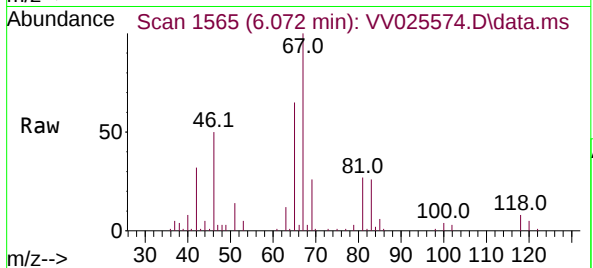
Tgt Ion: 83 Resp: 10561

Ion Ratio Lower Upper

83 100

55 0.9 53.7 80.5#

98 1.6 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.614 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV025574.D

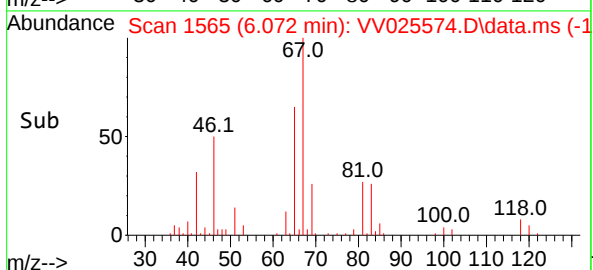
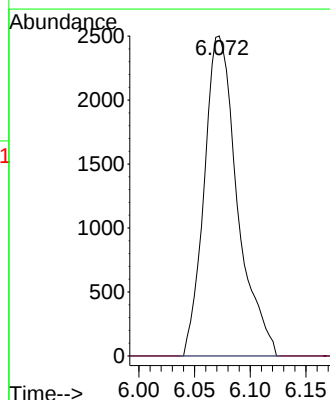
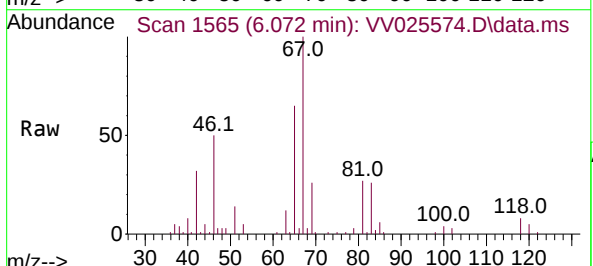
Acq: 15 Apr 2022 17:40

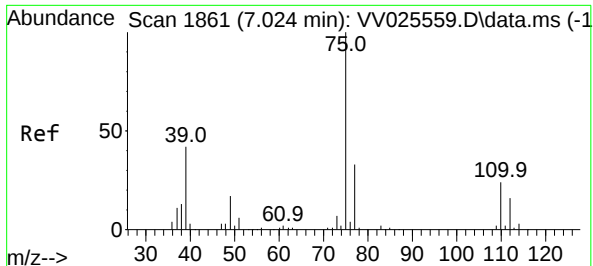
Tgt Ion: 63 Resp: 5181

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

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Acq: 15 Apr 2022 17:40

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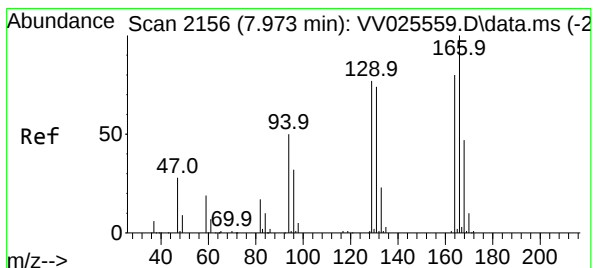
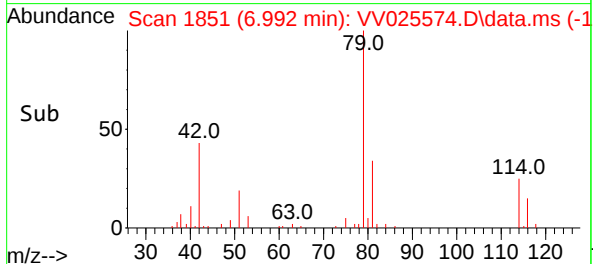
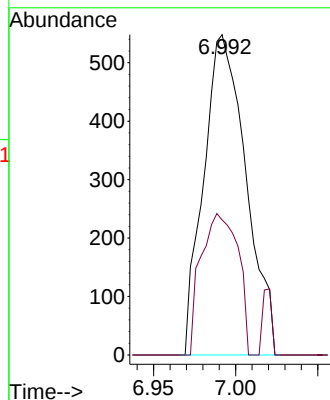
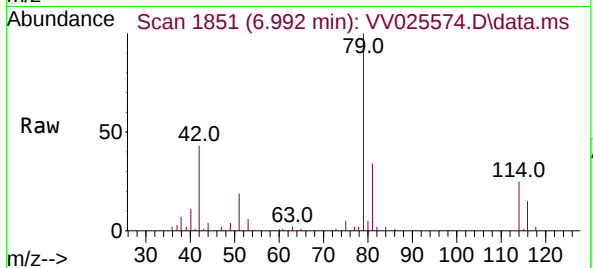
EW6Q2

Tgt Ion: 75 Resp: 983

Ion Ratio Lower Upper

75 100

77 42.2 21.8 40.6#



#47

Tetrachloroethene

Concen: 3.546 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025574.D

Acq: 15 Apr 2022 17:40

Tgt Ion: 164 Resp: 26882

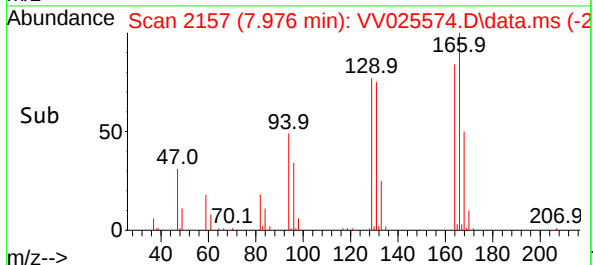
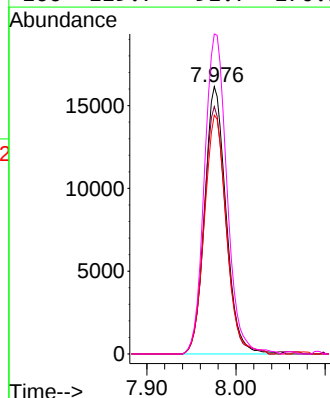
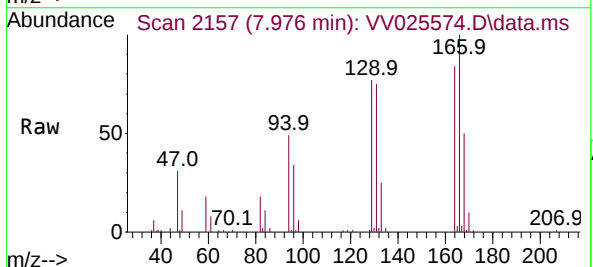
Ion Ratio Lower Upper

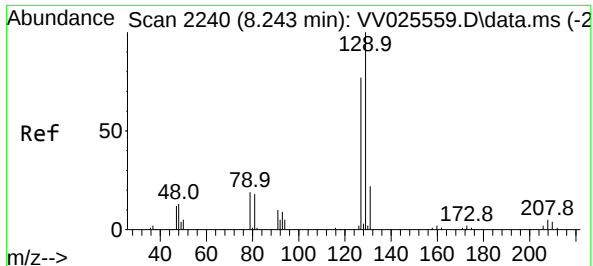
164 100

129 92.5 66.8 124.2

131 89.4 66.4 123.4

166 119.7 91.7 170.3





#49

Dibromochloromethane

Concen: 4.076 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025574.D

Acq: 15 Apr 2022 17:40

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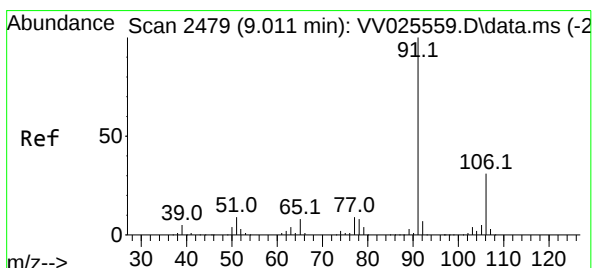
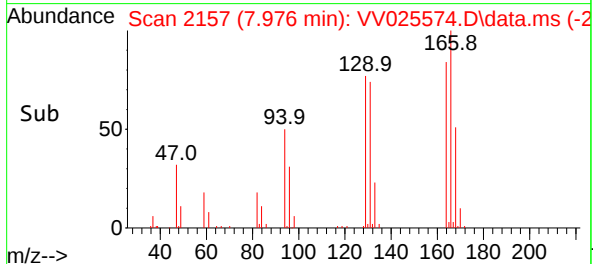
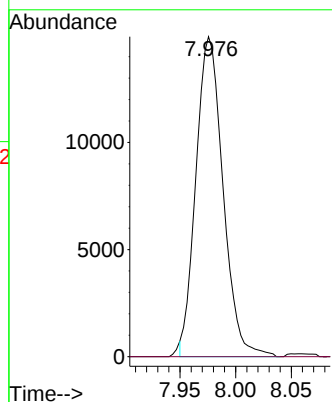
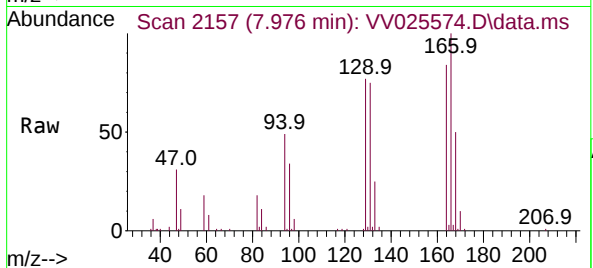
EW6Q2

Tgt Ion:129 Resp: 25281

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#52

Ethylbenzene

Concen: 0.055 ug/L

RT: 9.024 min Scan# 2483

Delta R.T. 0.013 min

Lab File: VV025574.D

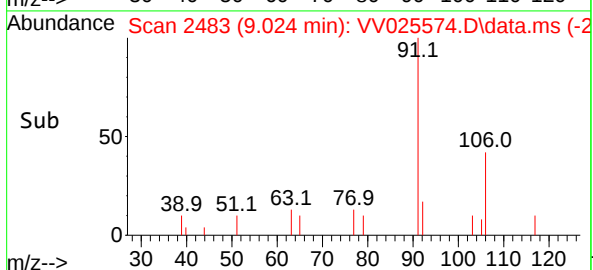
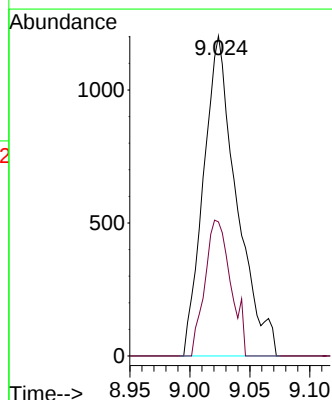
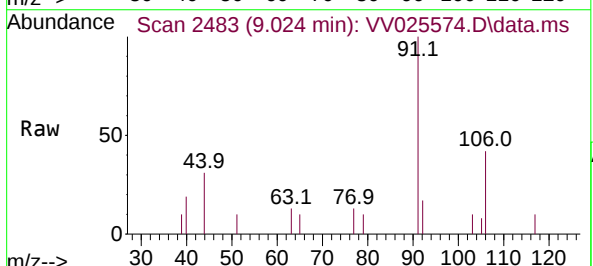
Acq: 15 Apr 2022 17:40

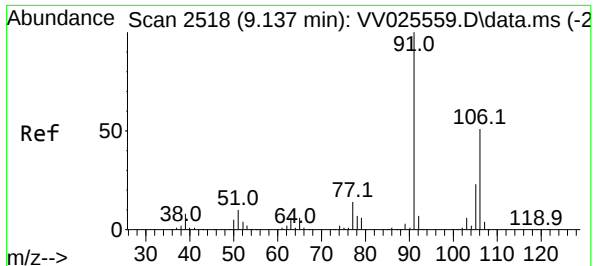
Tgt Ion: 91 Resp: 2312

Ion Ratio Lower Upper

91 100

106 41.9 22.3 41.3#

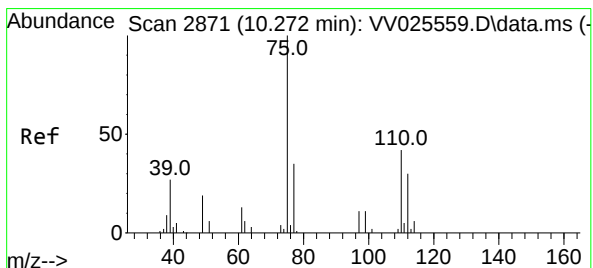
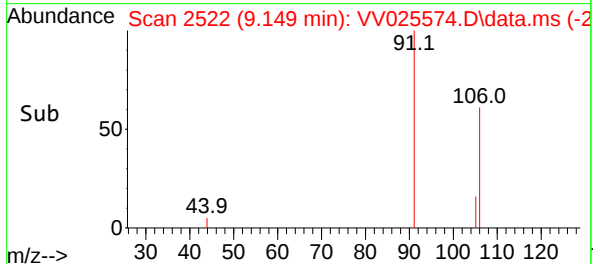
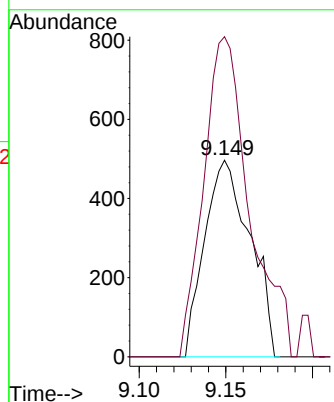
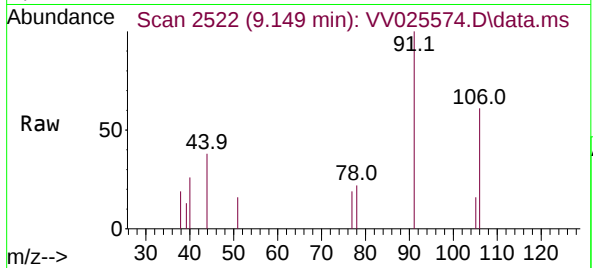




#53
 m,p-Xylene
 Concen: 0.056 ug/L
 RT: 9.149 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VV025574.D
 Acq: 15 Apr 2022 17:40

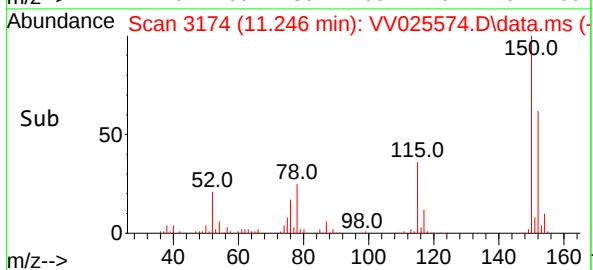
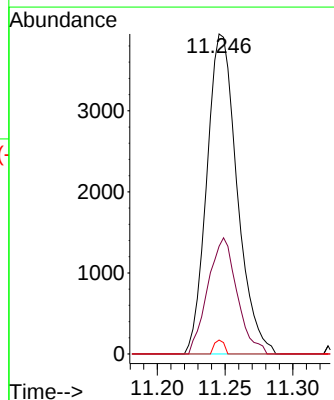
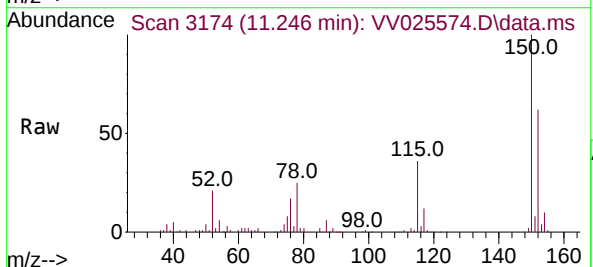
Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Q2

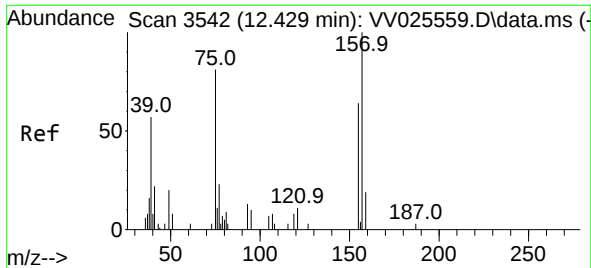
Tgt Ion:106 Resp: 908
 Ion Ratio Lower Upper
 106 100
 91 162.8 136.4 253.4



#61
 1,2,3-Trichloropropane
 Concen: 1.807 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV025574.D
 Acq: 15 Apr 2022 17:40

Tgt Ion: 75 Resp: 6127
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.6 38.4
 110 1.4 34.7 52.1#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.356 ug/L

RT: 12.249 min Scan# 34

Delta R.T. -0.180 min

Lab File: VV025574.D

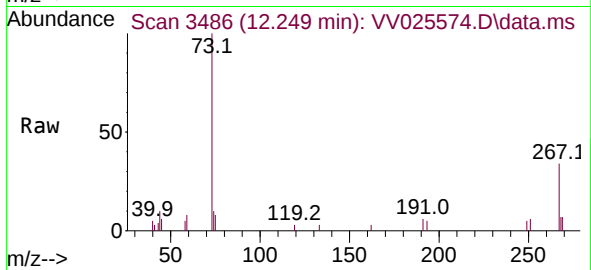
Acq: 15 Apr 2022 17:40

Instrument :

MSVOA_V

ClientSampleId :

EW6Q2



Tgt Ion:	75	Resp:	209
Ion	Ratio	Lower	Upper
75	100		
155	0.0	65.8	98.8#
157	0.0	86.6	130.0#

