

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025572.D
 Acq On : 15 Apr 2022 16:53
 Operator : SY/MD
 Sample : N2384-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Q0

Quant Time: Apr 16 02:44:14 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	121477	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125113	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52710	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	45940	4.068	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.574	69	45430	3.781	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.114	63	71957	3.181	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.600%
20) 2-Butanone-d5	3.909	46	70327	51.192	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.380%
24) Chloroform-d	4.355	84	79298	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.037	65	36978	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.053	84	153675	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.072	67	46352	4.591	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.317	98	125673	3.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	7.629	79	12761	3.761	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.092	63	53062	44.555	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27659	4.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	40427	4.575	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	1792	0.163	ug/L	100
5) Vinyl chloride	1.317	62	959	0.071	ug/L #	44
14) Carbon disulfide	2.301	76	3321	0.132	ug/L #	92
18) trans-1,2-Dichloroethene	2.773	96	993	0.112	ug/L	77
22) cis-1,2-Dichloroethene	3.918	96	45499	4.895	ug/L	100
25) Chloroform	4.381	83	7753	0.491	ug/L	93
34) Trichloroethene	5.918	95	34943	3.561	ug/L	98
35) Methylcyclohexane	6.076	83	11550	0.738	ug/L #	24
39) cis-1,3-Dichloropropene	6.989	75	1155	0.103	ug/L #	64
45) 1,1,2-Trichloroethane	7.973	97	5967	1.042	ug/L #	1
47) Tetrachloroethene	7.976	164	658987	85.778	ug/L	97
49) Dibromochloromethane	7.976	129	635974	101.180	ug/L #	11
52) Ethylbenzene	9.021	91	2483	0.058	ug/L	95
53) m,p-Xylene	9.146	106	942	0.058	ug/L	75
61) 1,2,3-Trichloropropane	11.246	75	6377	1.837	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.249	75	212	0.353	ug/L #	2

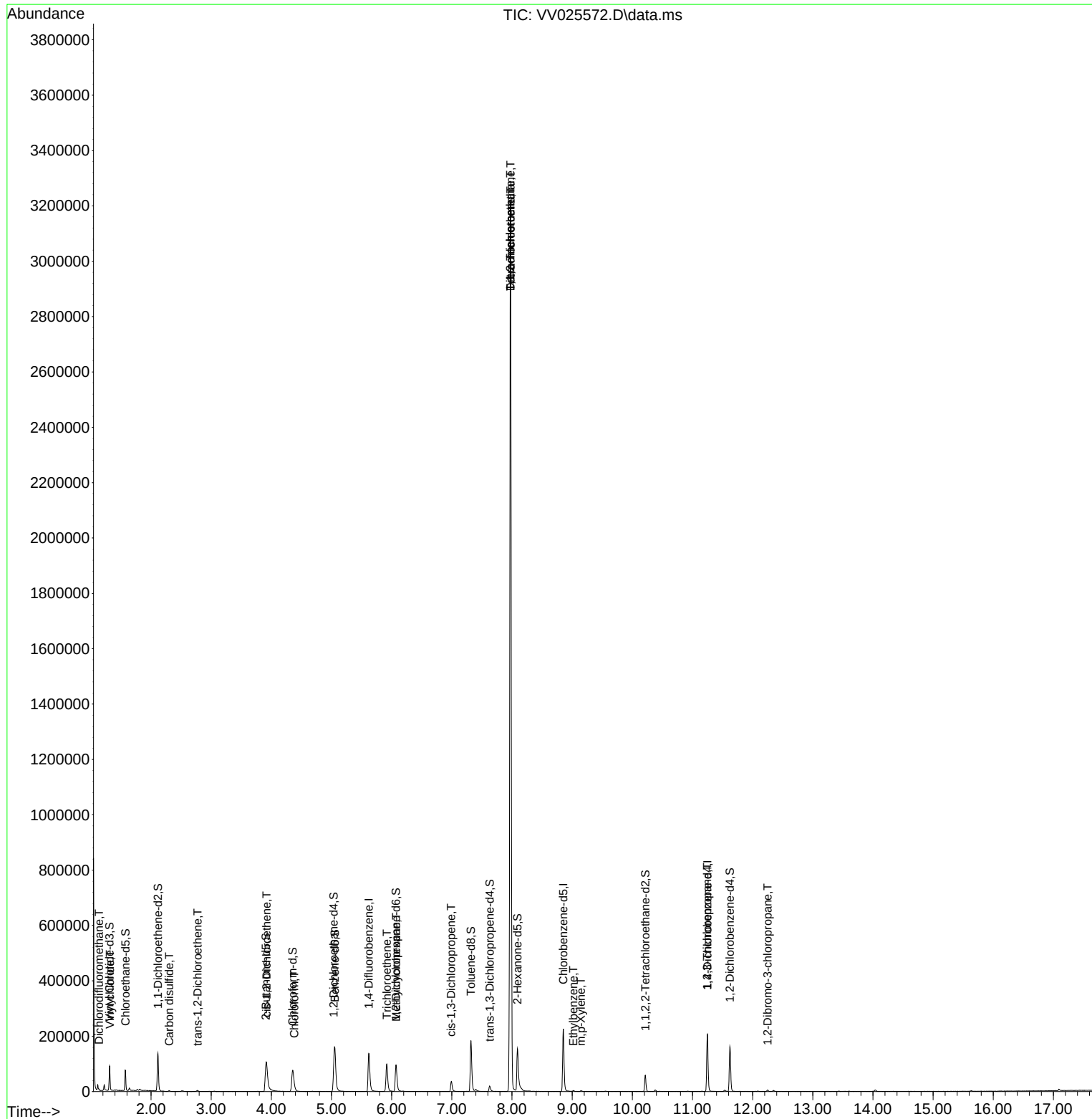
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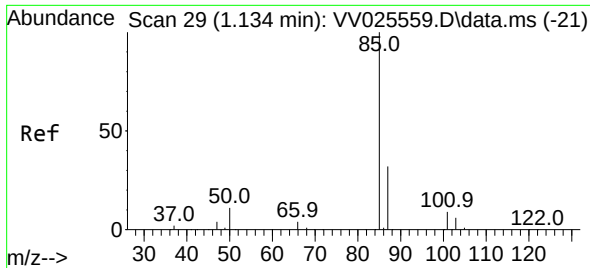
Instrument :
MSVOA_V
ClientSampleId :
EW6Q0

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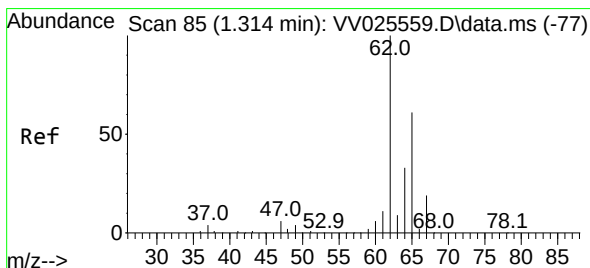
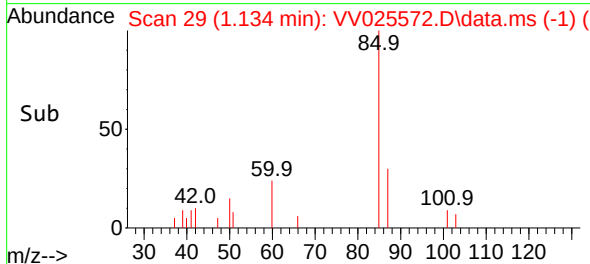
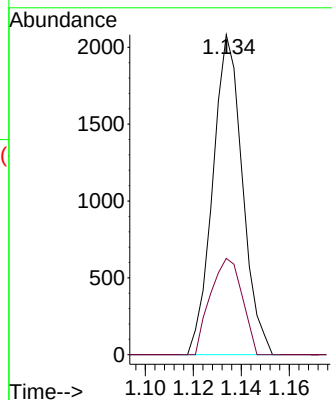
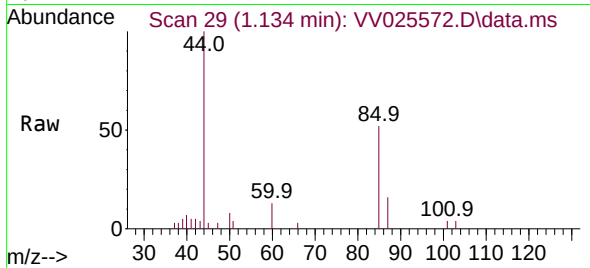




#2
 Dichlorodifluoromethane
 Concen: 0.163 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VV025572.D
 Acq: 15 Apr 2022 16:53

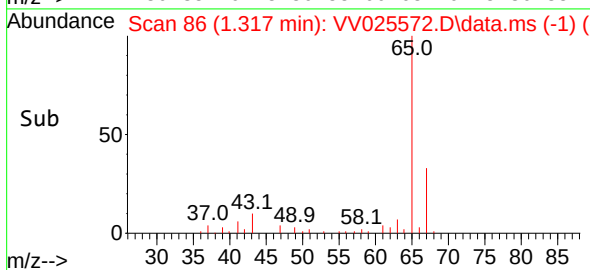
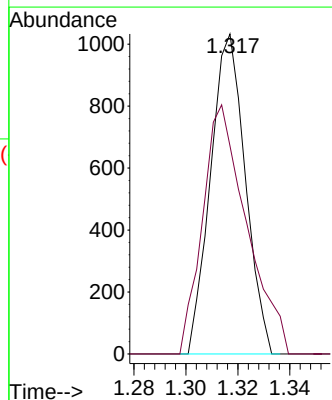
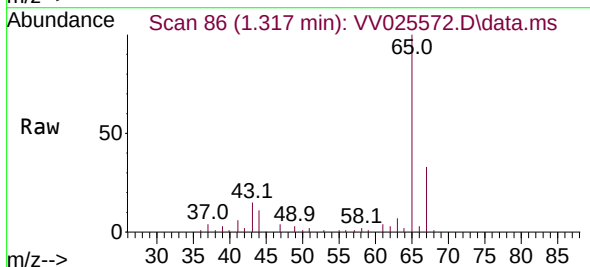
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 MSVOA_V
 ClientSampleId :
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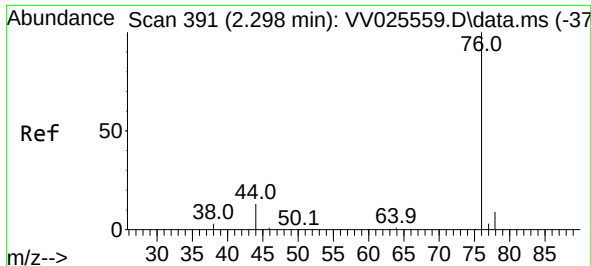
Tgt Ion: 85 Resp: 1792
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.6 38.4



#5
 Vinyl chloride
 Concen: 0.071 ug/L
 RT: 1.317 min Scan# 86
 Delta R.T. 0.003 min
 Lab File: VV025572.D
 Acq: 15 Apr 2022 16:53

Tgt Ion: 62 Resp: 959
 Ion Ratio Lower Upper
 62 100
 64 65.1 23.2 43.2#

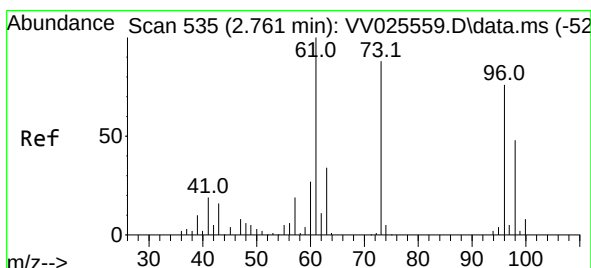
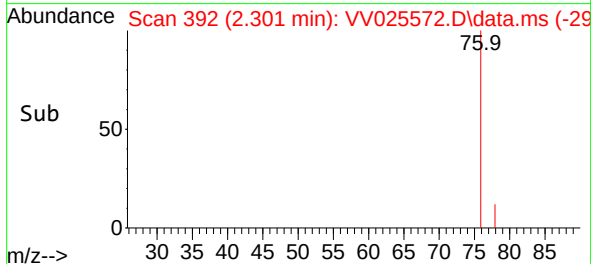
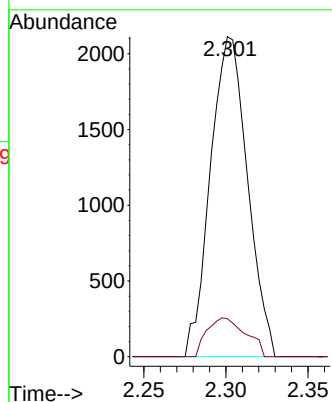
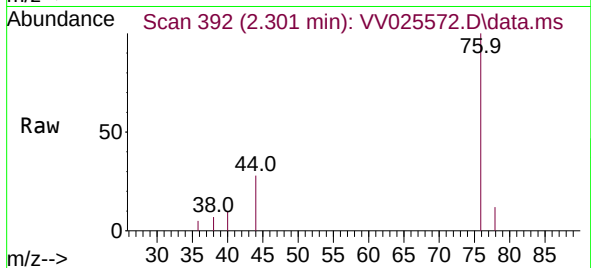




#14
Carbon disulfide
Concen: 0.132 ug/L
RT: 2.301 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV025572.D
Acq: 15 Apr 2022 16:53

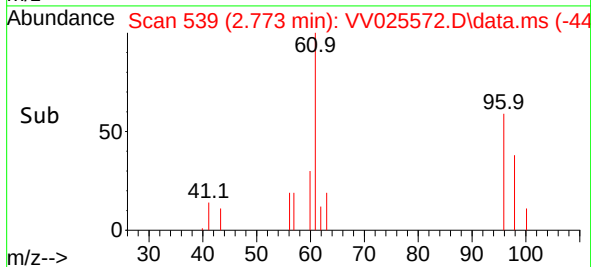
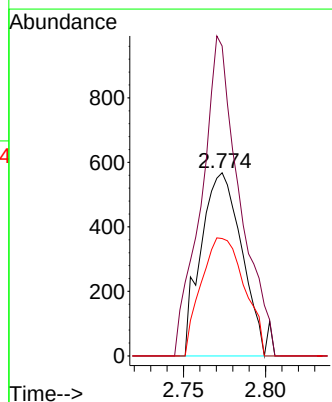
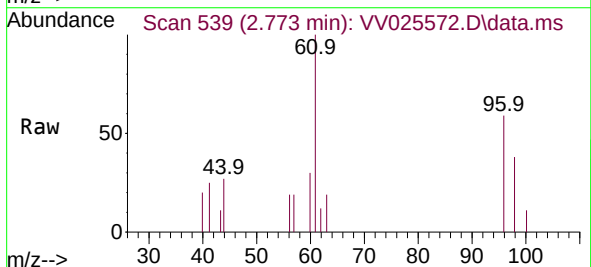
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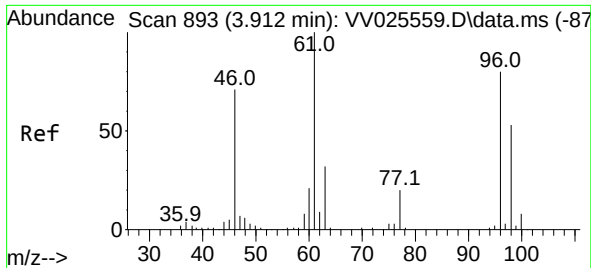
Tgt Ion: 76 Resp: 3321
Ion Ratio Lower Upper
76 100
78 11.9 7.3 10.9#



#18
trans-1,2-Dichloroethene
Concen: 0.112 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.013 min
Lab File: VV025572.D
Acq: 15 Apr 2022 16:53

Tgt Ion: 96 Resp: 993
Ion Ratio Lower Upper
96 100
61 169.2 92.1 171.1
98 64.1 47.5 88.1





#22

cis-1,2-Dichloroethene

Concen: 4.895 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.006 min

Lab File: VV025572.D

Acq: 15 Apr 2022 16:53

Instrument :

MSVOA_V

ClientSampleId :

EW6Q0

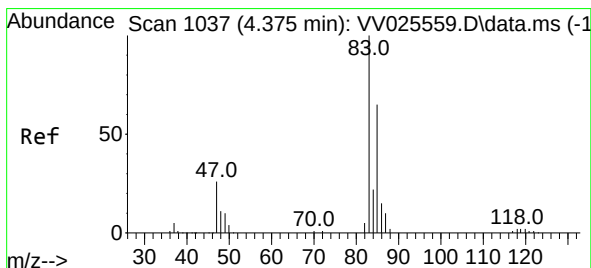
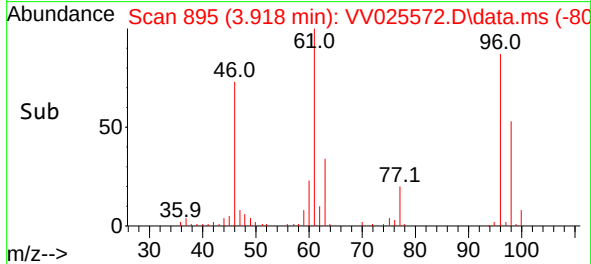
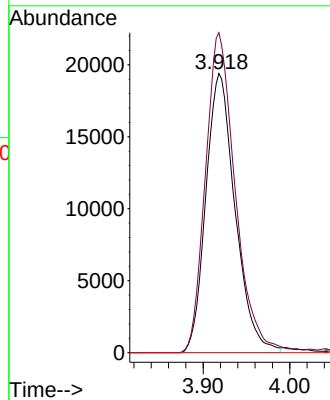
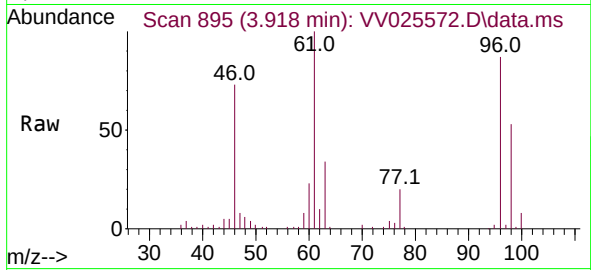
Tgt Ion: 96 Resp: 45499

Ion Ratio Lower Upper

96 100

61 114.6 80.0 148.6

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.491 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VV025572.D

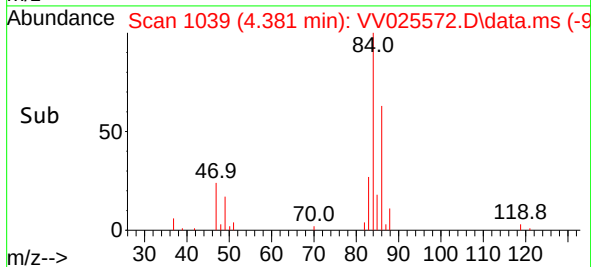
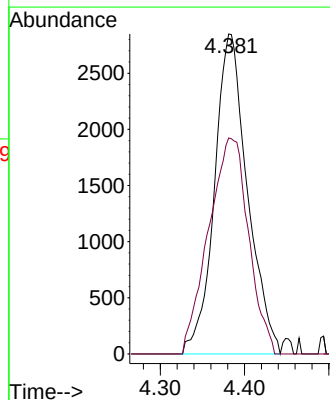
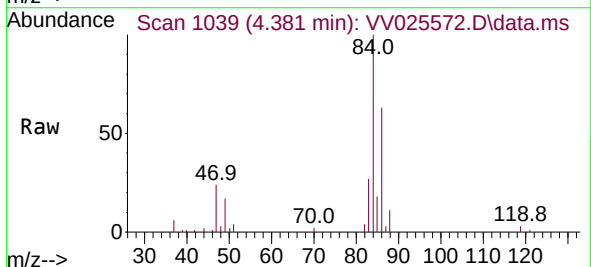
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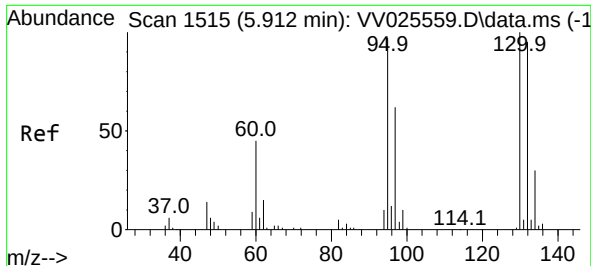
Tgt Ion: 83 Resp: 7753

Ion Ratio Lower Upper

83 100

85 67.5 43.5 80.7

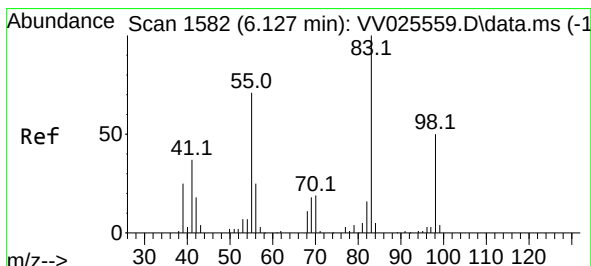
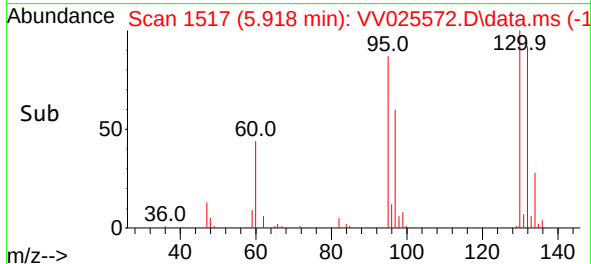
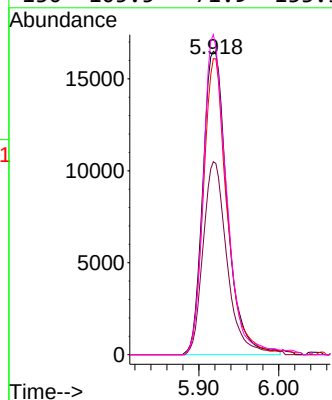
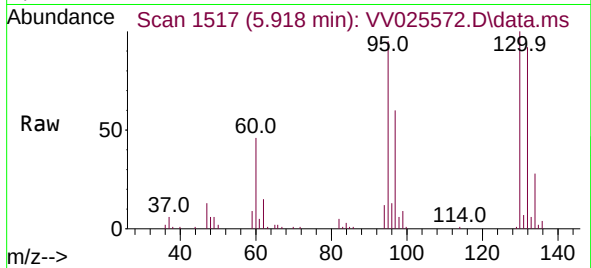




#34
Trichloroethene
Concen: 3.561 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025572.D
Acq: 15 Apr 2022 16:53

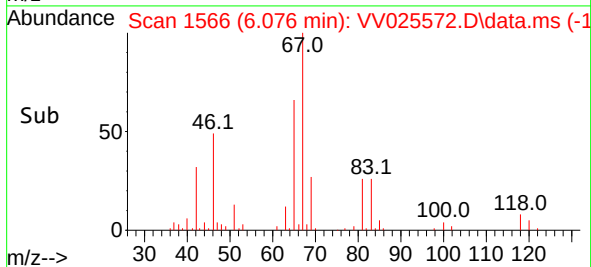
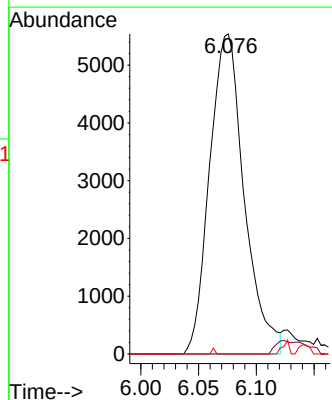
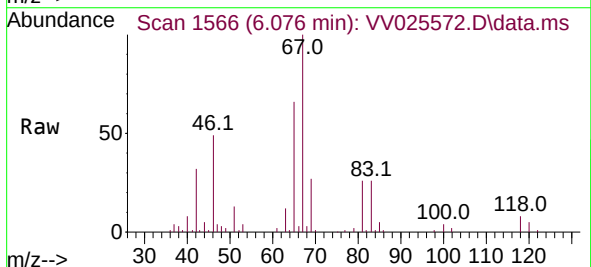
Instrument :
MSVOA_V
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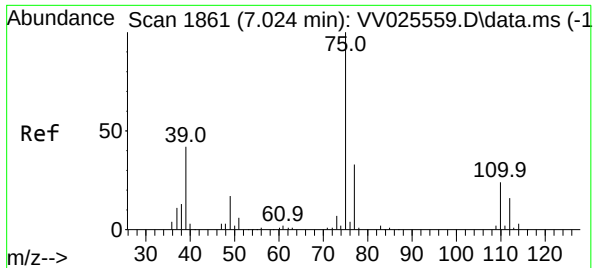
Tgt Ion: 95 Resp: 34943
Ion Ratio Lower Upper
95 100
97 63.6 45.8 85.2
132 97.6 68.0 126.4
130 105.5 71.9 133.5



#35
Methylcyclohexane
Concen: 0.738 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.051 min
Lab File: VV025572.D
Acq: 15 Apr 2022 16:53

Tgt Ion: 83 Resp: 11550
Ion Ratio Lower Upper
83 100
55 3.7 53.7 80.5#
98 0.8 39.6 59.4#





#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 6.989 min Scan# 1155

Delta R.T. -0.035 min

Lab File: VV025572.D

Acq: 15 Apr 2022 16:53

Instrument :

MSVOA_V

ClientSampleId :

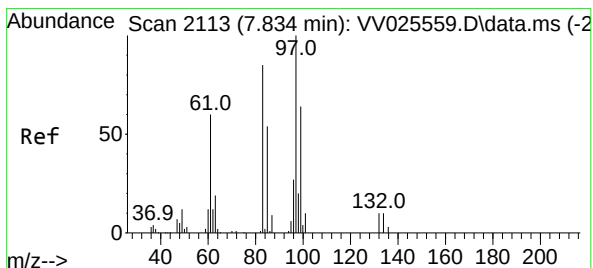
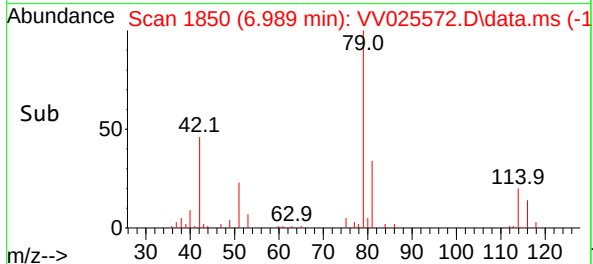
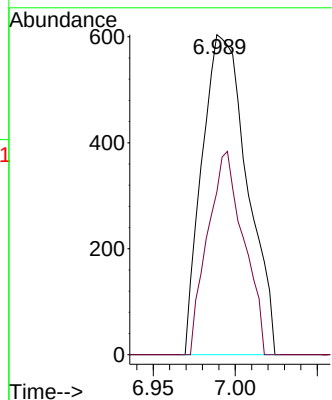
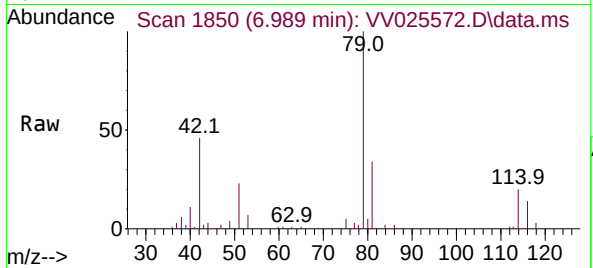
EW6Q0

Tgt Ion: 75 Resp: 1155

Ion Ratio Lower Upper

75 100

77 50.8 21.8 40.6#



#45

1,1,2-Trichloroethane

Concen: 1.042 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.138 min

Lab File: VV025572.D

Acq: 15 Apr 2022 16:53

Tgt Ion: 97 Resp: 5967

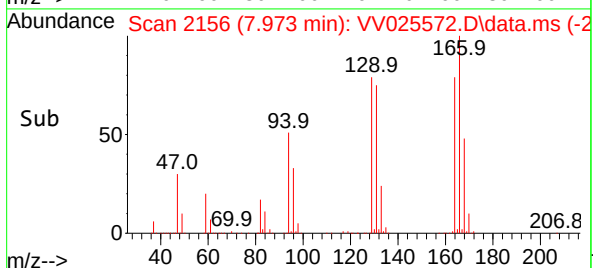
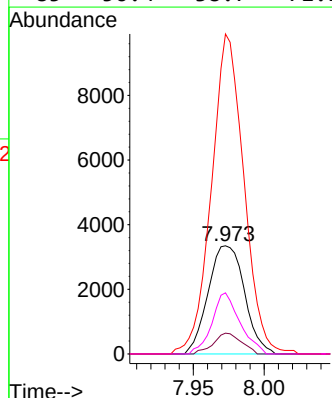
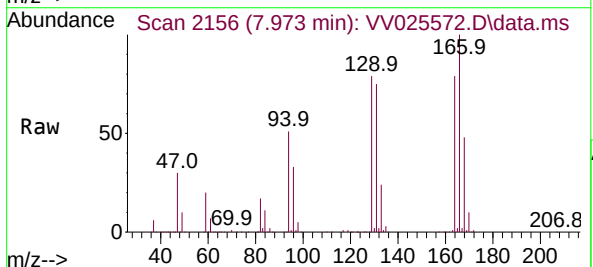
Ion Ratio Lower Upper

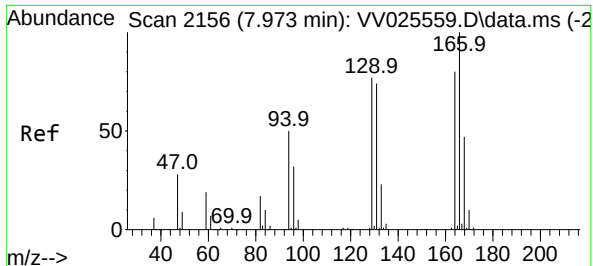
97 100

99 19.3 43.8 81.4#

83 295.7 60.3 112.1#

85 56.4 38.7 71.9

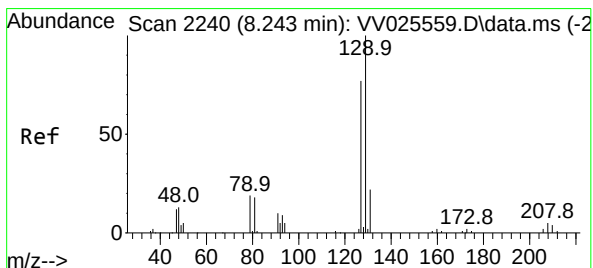
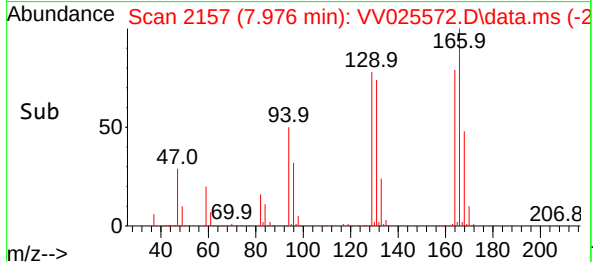
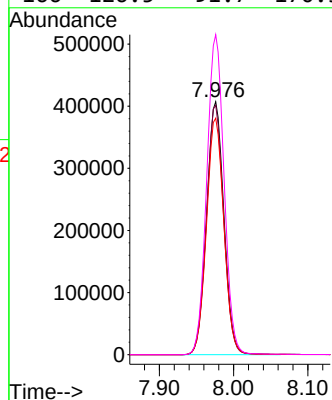
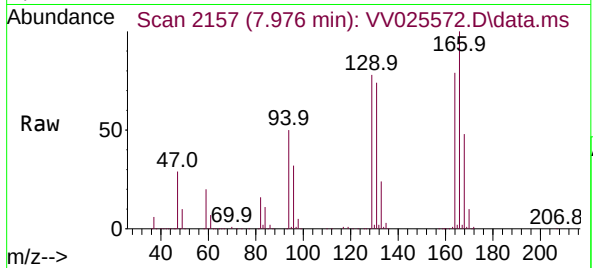




#47
Tetrachloroethene
Concen: 85.778 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025572.D
Acq: 15 Apr 2022 16:53

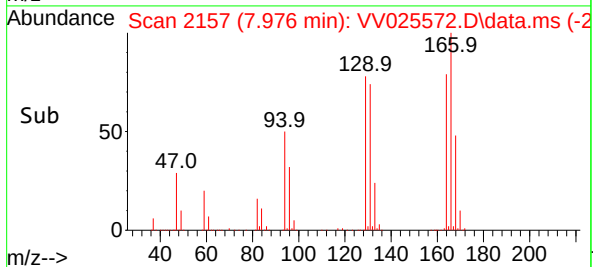
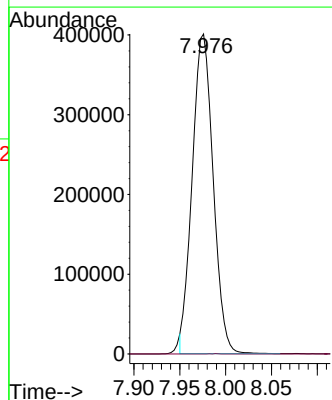
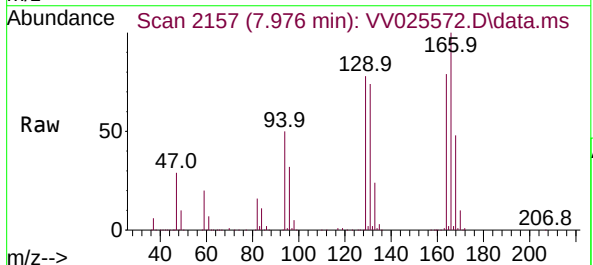
Instrument :
MSVOA_V
ClientSampleId :
EW6Q0

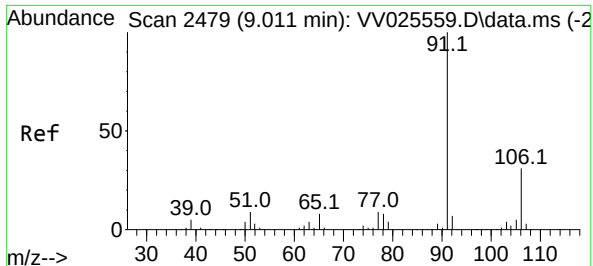
Tgt Ion:164 Resp: 658987
Ion Ratio Lower Upper
164 100
129 98.5 66.8 124.2
131 93.5 66.4 123.4
166 126.5 91.7 170.3



#49
Dibromochloromethane
Concen: 101.180 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV025572.D
Acq: 15 Apr 2022 16:53

Tgt Ion:129 Resp: 635974
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#





#52

Ethylbenzene

Concen: 0.058 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.010 min

Lab File: VV025572.D

Acq: 15 Apr 2022 16:53

Instrument :

MSVOA_V

ClientSampleId :

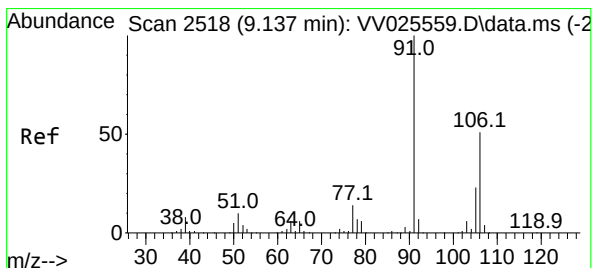
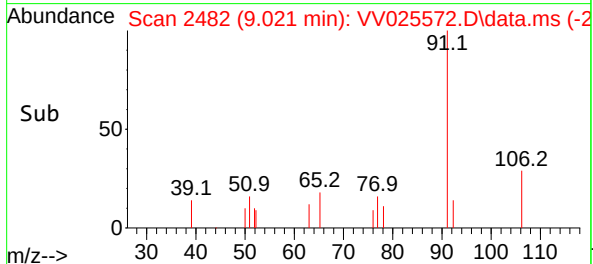
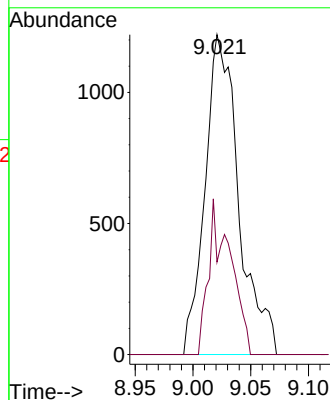
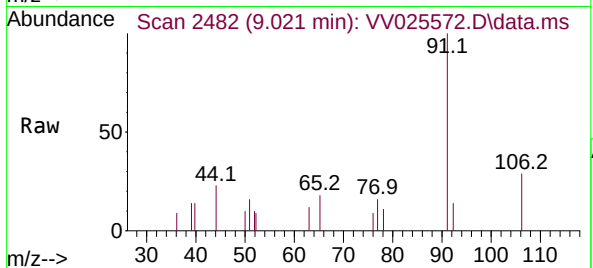
EW6Q0

Tgt Ion: 91 Resp: 2483

Ion Ratio Lower Upper

91 100

106 28.9 22.3 41.3



#53

m,p-Xylene

Concen: 0.058 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV025572.D

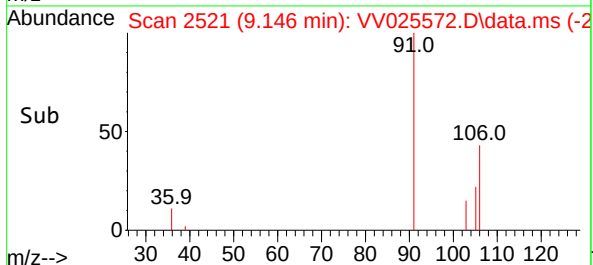
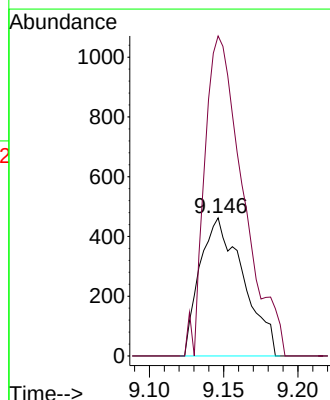
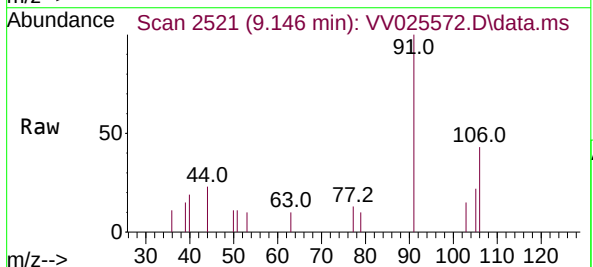
Acq: 15 Apr 2022 16:53

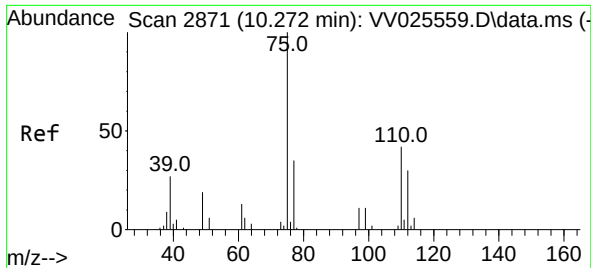
Tgt Ion: 106 Resp: 942

Ion Ratio Lower Upper

106 100

91 231.8 136.4 253.4

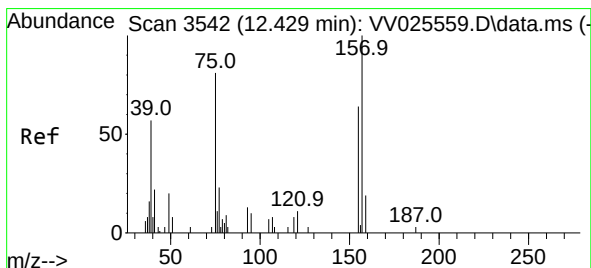
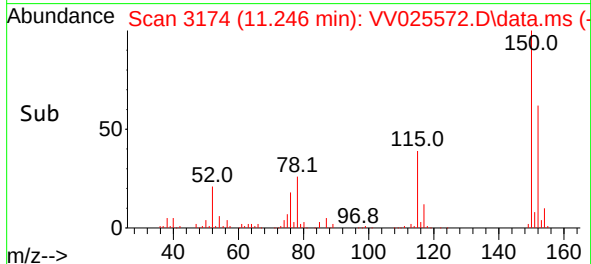
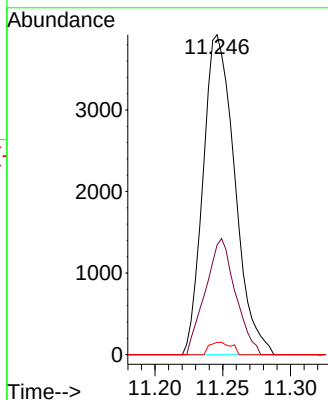
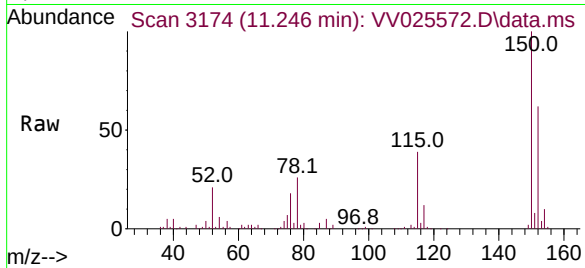




#61
 1,2,3-Trichloropropane
 Concen: 1.837 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV025572.D
 Acq: 15 Apr 2022 16:53

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Q0

Tgt Ion: 75 Resp: 6377
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.6 38.4
 110 2.7 34.7 52.1#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.353 ug/L
 RT: 12.249 min Scan# 3486
 Delta R.T. -0.180 min
 Lab File: VV025572.D
 Acq: 15 Apr 2022 16:53

Tgt Ion: 75 Resp: 212
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

