

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025579.D
 Acq On : 15 Apr 2022 19:37
 Operator : SY/MD
 Sample : N2384-19
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6R9

Quant Time: Apr 16 02:45:52 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	130404	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	58357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	46896	3.868	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.571	69	47095	3.651	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.114	63	73501	3.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	3.905	46	76619	51.954	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.900%
24) Chloroform-d	4.352	84	82578	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.037	65	39795	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.053	84	160598	4.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.072	67	49829	4.628	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.317	98	131025	3.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.629	79	13363	3.692	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.092	63	57436	45.220	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29932	4.400	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	44961	4.595	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.918	96	477	0.048	ug/L	73
25) Chloroform	4.388	83	2785	0.164	ug/L	97
27) 1,2-Dichloroethane	5.053	62	1033	0.116	ug/L #	71
34) Trichloroethene	5.921	95	8256	0.789	ug/L	94
35) Methylcyclohexane	6.130	83	1766	0.106	ug/L	92
37) 1,2-Dichloropropane	6.069	63	5777	0.634	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1013	0.085	ug/L #	37
42) Toluene	7.397	91	11439	0.267	ug/L	95
47) Tetrachloroethene	7.976	164	245268	29.935	ug/L	98
49) Dibromochloromethane	7.973	129	236844	35.331	ug/L #	11
52) Ethylbenzene	9.018	91	7488	0.164	ug/L	99
53) m,p-Xylene	9.143	106	2137	0.123	ug/L	100
54) o-Xylene	9.551	106	970	0.057	ug/L	89
61) 1,2,3-Trichloropropane	11.246	75	7068	1.839	ug/L #	62
63) 1,2,4-Trimethylbenzene	10.915	105	2437	0.084	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.255	75	142	0.214	ug/L #	2
71) Naphthalene	13.509	128	1231	0.085	ug/L #	83

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 16 02:38:36 2022
Response via : Initial Calibration

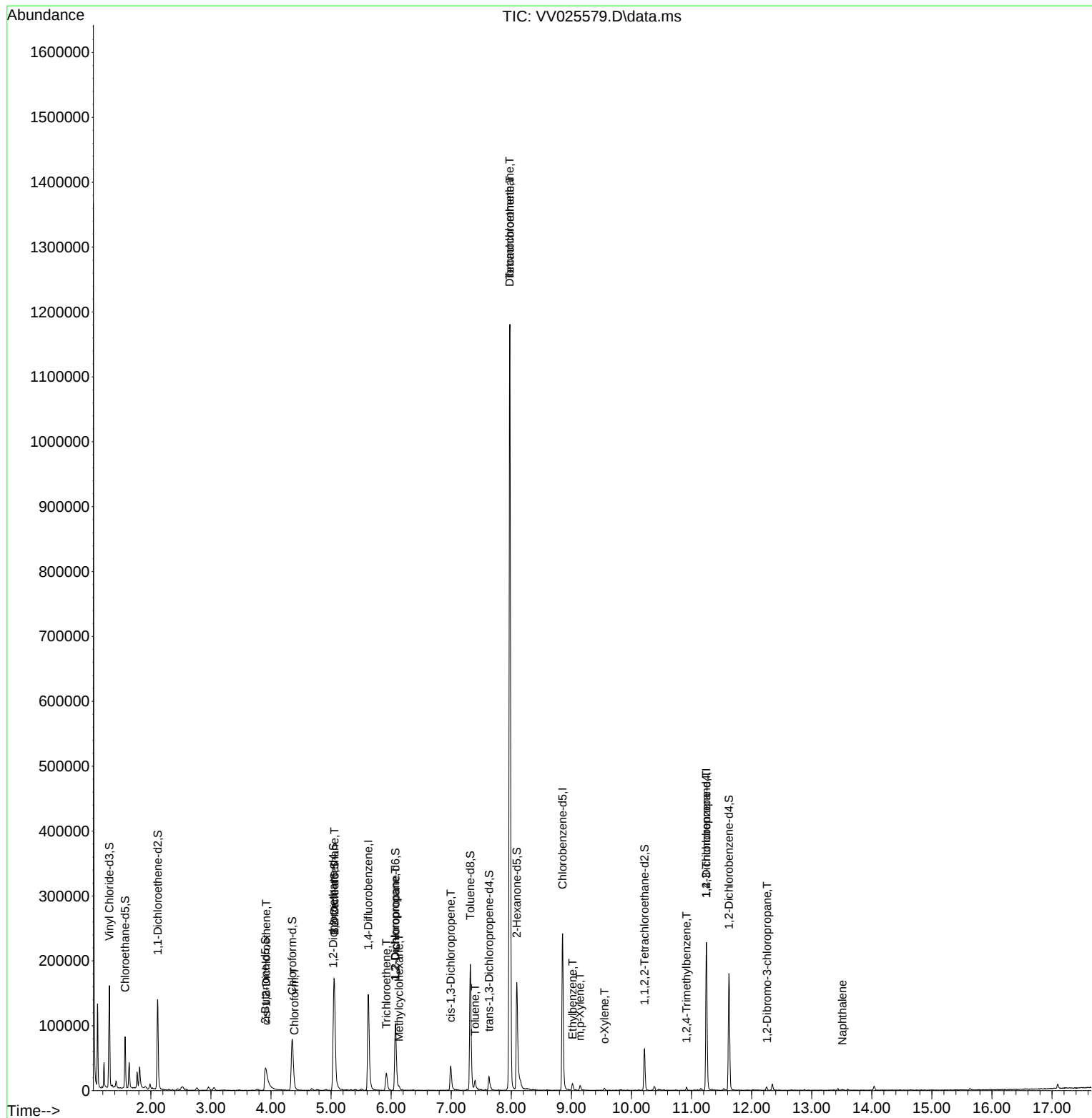
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

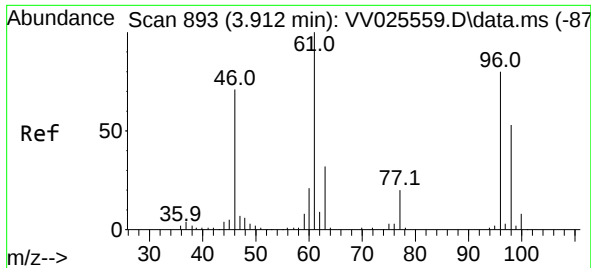
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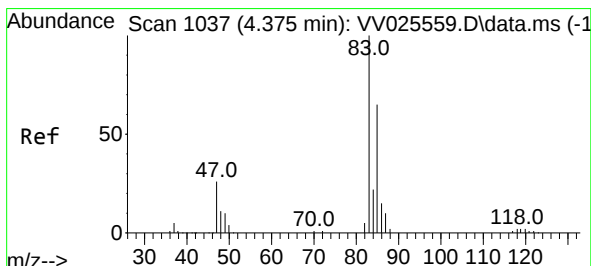
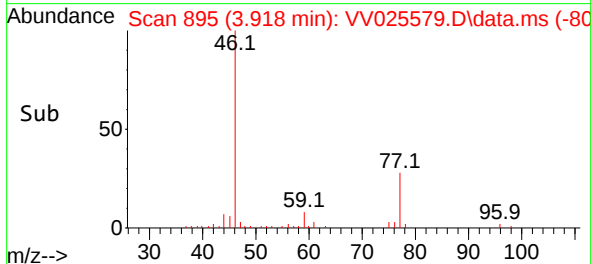
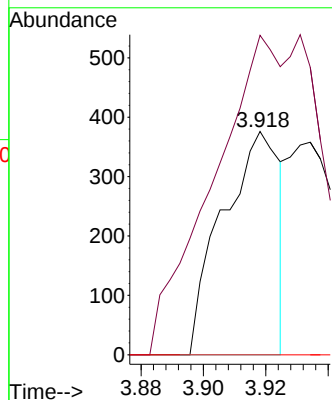
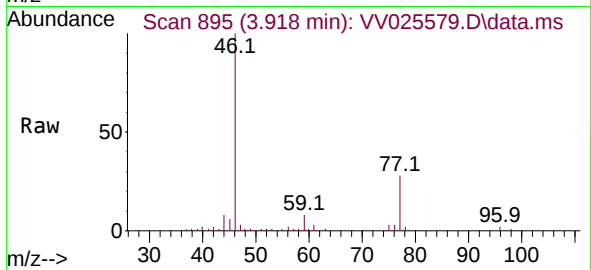




#22
 cis-1,2-Dichloroethene
 Concen: 0.048 ug/L
 RT: 3.918 min Scan# 893
 Delta R.T. 0.006 min
 Lab File: VV025579.D
 Acq: 15 Apr 2022 19:37

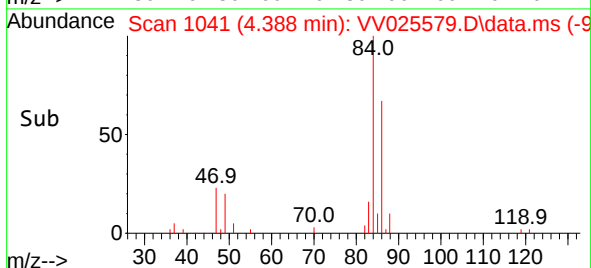
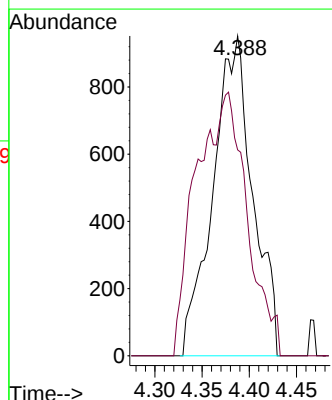
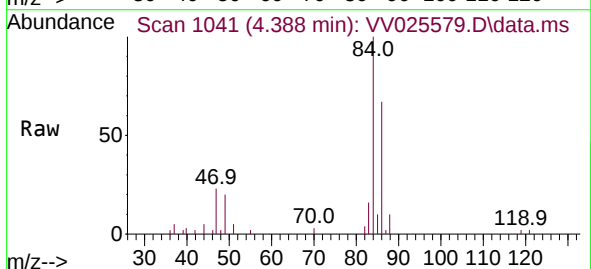
Instrument :
 MSVOA_V
 ClientSampleId :
 EW6R9

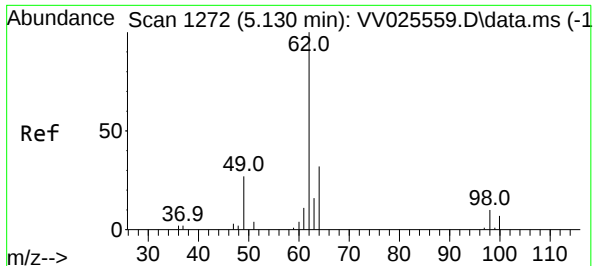
Tgt Ion: 96 Resp: 477
 Ion Ratio Lower Upper
 96 100
 61 143.1 80.0 148.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.164 ug/L
 RT: 4.388 min Scan# 1041
 Delta R.T. 0.013 min
 Lab File: VV025579.D
 Acq: 15 Apr 2022 19:37

Tgt Ion: 83 Resp: 2785
 Ion Ratio Lower Upper
 83 100
 85 64.4 43.5 80.7





#27

1,2-Dichloroethane

Concen: 0.116 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV025579.D

Acq: 15 Apr 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

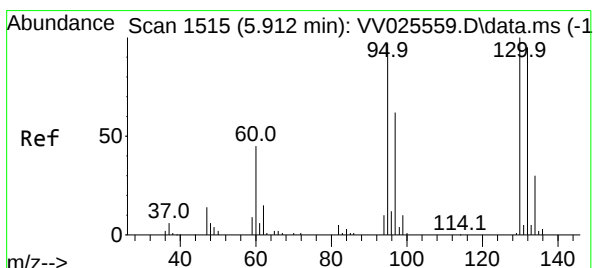
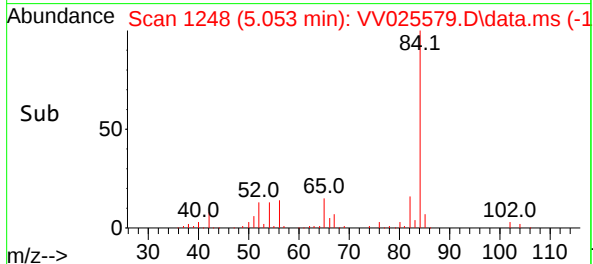
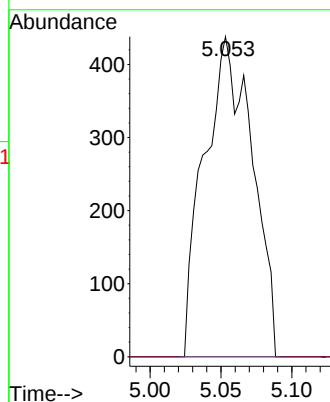
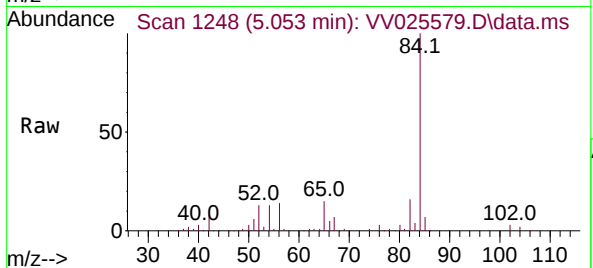
EW6R9

Tgt Ion: 62 Resp: 1033

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#34

Trichloroethene

Concen: 0.789 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV025579.D

Acq: 15 Apr 2022 19:37

Tgt Ion: 95 Resp: 8256

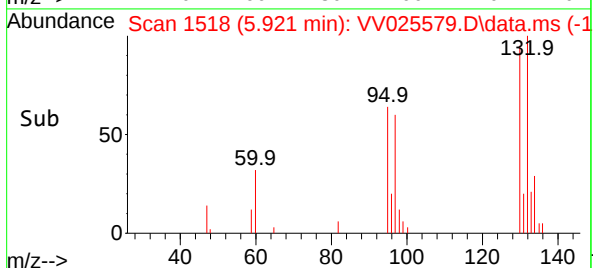
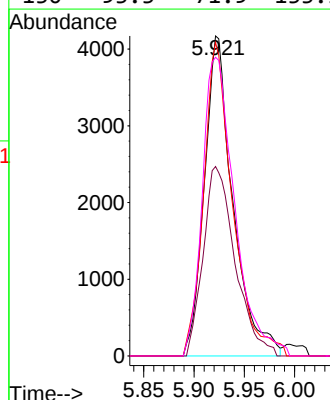
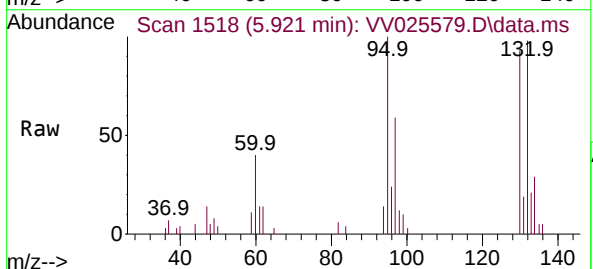
Ion Ratio Lower Upper

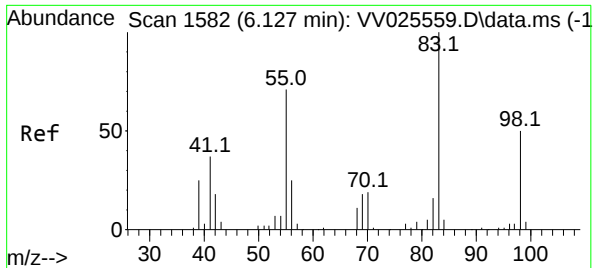
95 100

97 59.2 45.8 85.2

132 98.0 68.0 126.4

130 93.3 71.9 133.5

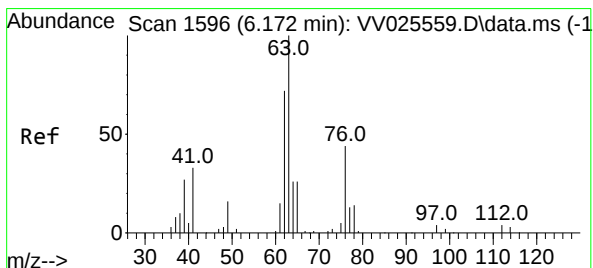
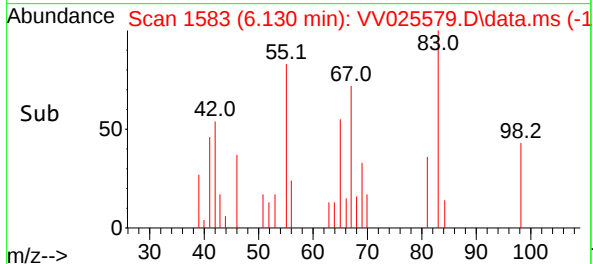
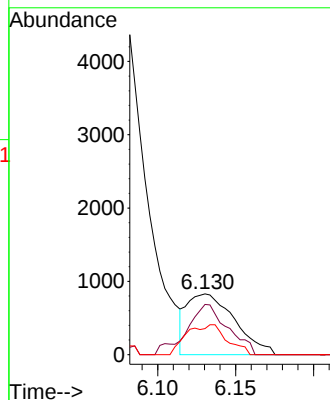
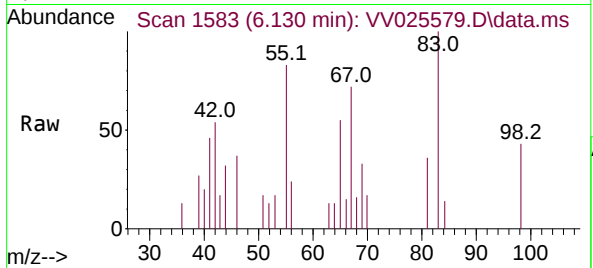




#35
Methylcyclohexane
Concen: 0.106 ug/L
RT: 6.130 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025579.D
Acq: 15 Apr 2022 19:37

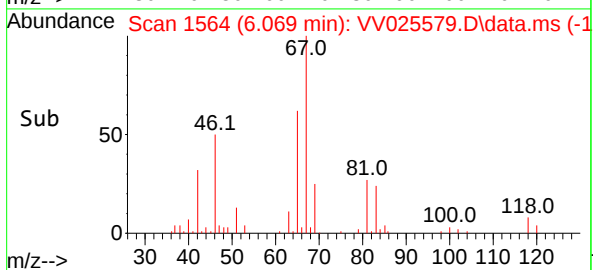
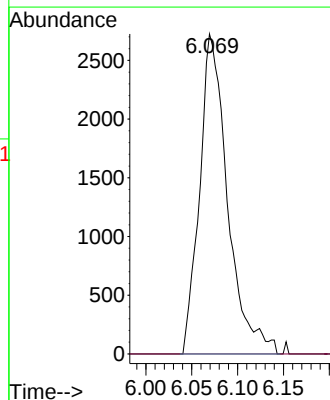
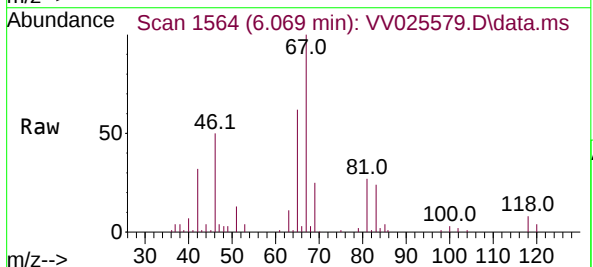
Instrument :
MSVOA_V
ClientSampleId :
EW6R9

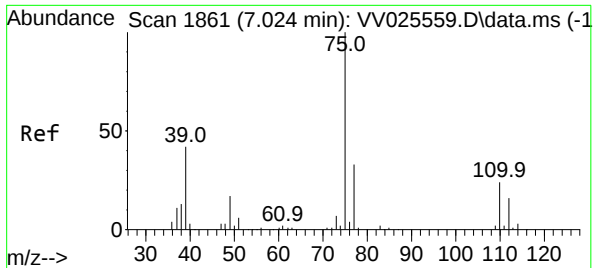
Tgt Ion: 83 Resp: 1766
Ion Ratio Lower Upper
83 100
55 71.0 53.7 80.5
98 41.7 39.6 59.4



#37
1,2-Dichloropropane
Concen: 0.634 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV025579.D
Acq: 15 Apr 2022 19:37

Tgt Ion: 63 Resp: 5777
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.992 min Scan# 1861

Delta R.T. -0.032 min

Lab File: VV025579.D

Acq: 15 Apr 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

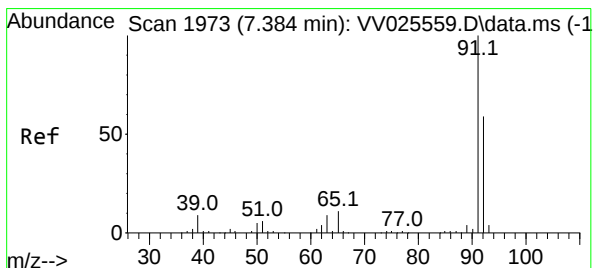
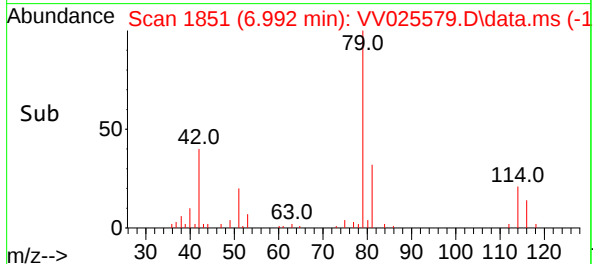
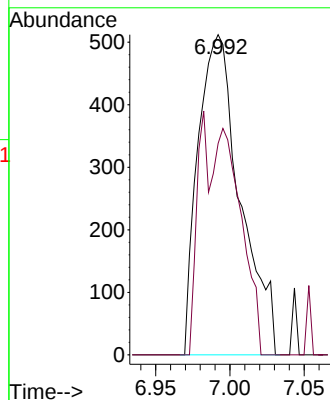
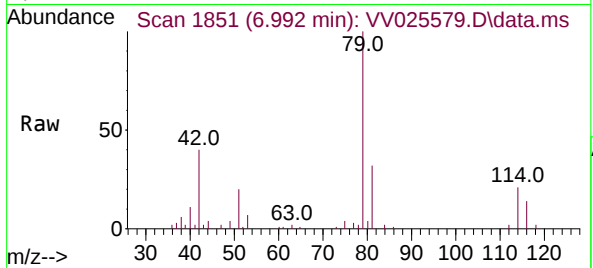
EW6R9

Tgt Ion: 75 Resp: 1013

Ion Ratio Lower Upper

75 100

77 66.0 21.8 40.6#



#42

Toluene

Concen: 0.267 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV025579.D

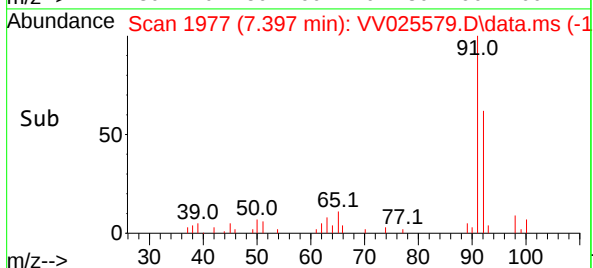
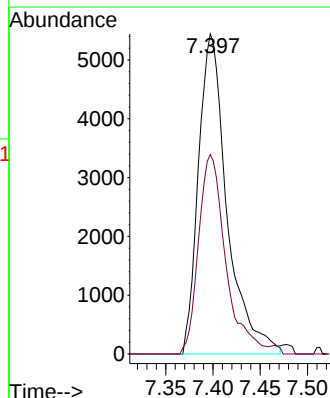
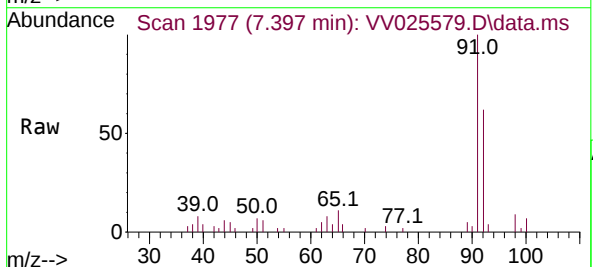
Acq: 15 Apr 2022 19:37

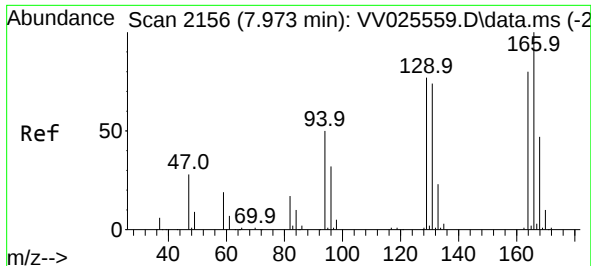
Tgt Ion: 91 Resp: 11439

Ion Ratio Lower Upper

91 100

92 62.3 40.8 75.8





#47

Tetrachloroethene

Concen: 29.935 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV025579.D

Acq: 15 Apr 2022 19:37

Instrument :

MSVOA_V

ClientSampleId :

EW6R9

Tgt Ion:164 Resp: 245268

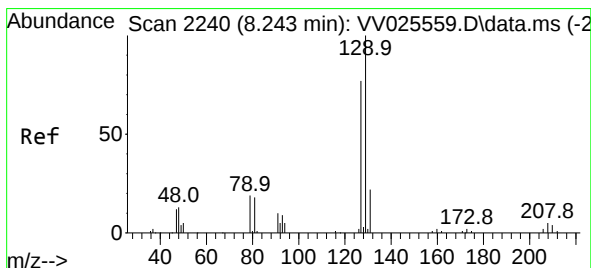
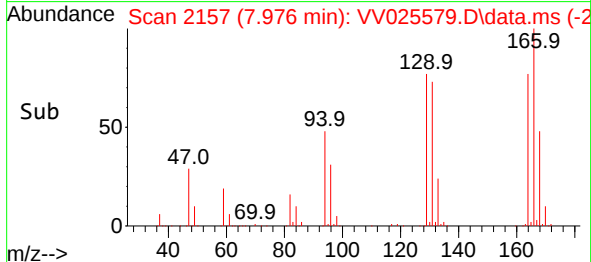
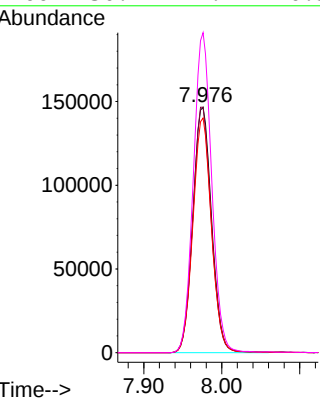
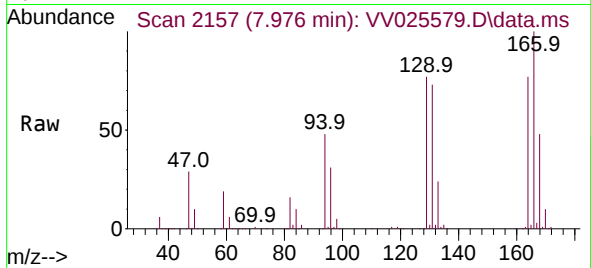
Ion Ratio Lower Upper

164 100

129 100.0 66.8 124.2

131 95.7 66.4 123.4

166 130.4 91.7 170.3



#49

Dibromochloromethane

Concen: 35.331 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV025579.D

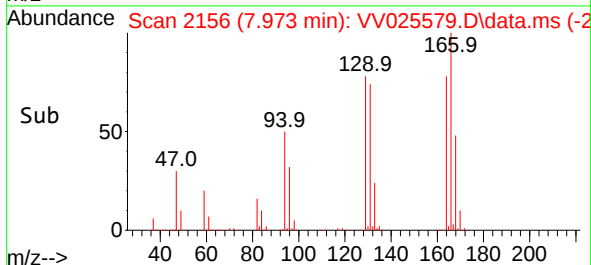
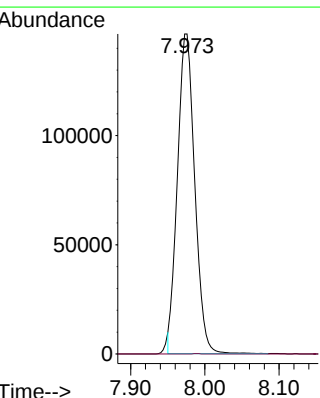
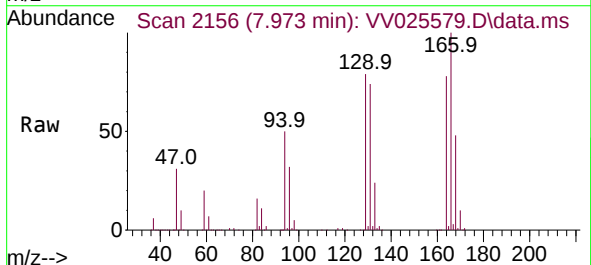
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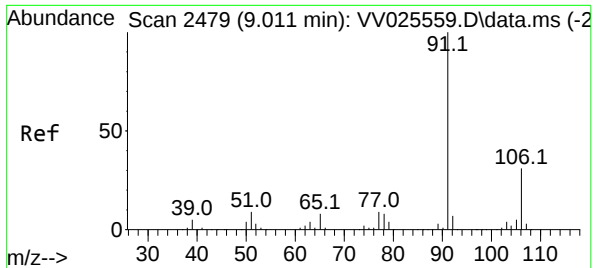
Tgt Ion:129 Resp: 236844

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#

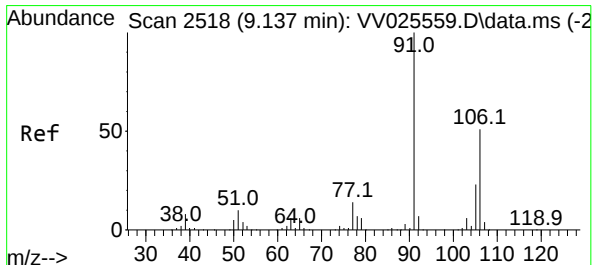
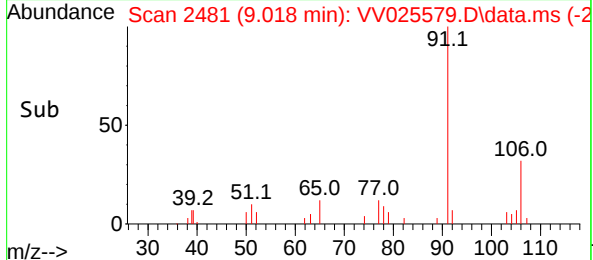
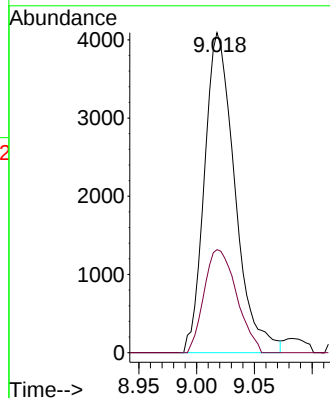
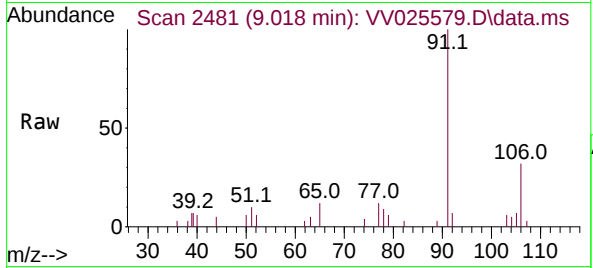




#52
Ethylbenzene
Concen: 0.164 ug/L
RT: 9.018 min Scan# 2479
Delta R.T. 0.006 min
Lab File: VV025579.D
Acq: 15 Apr 2022 19:37

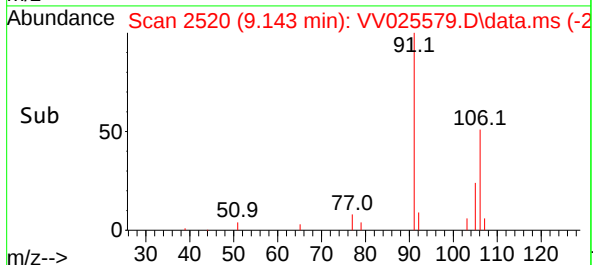
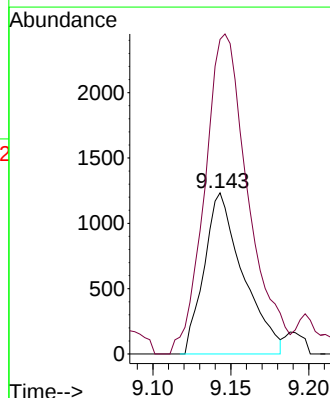
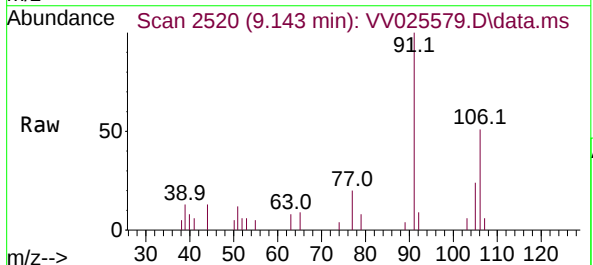
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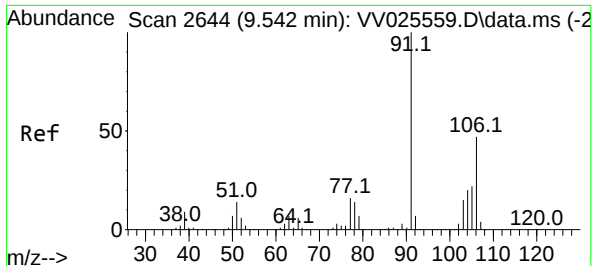
Tgt Ion: 91 Resp: 7488
Ion Ratio Lower Upper
91 100
106 32.2 22.3 41.3



#53
m,p-Xylene
Concen: 0.123 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV025579.D
Acq: 15 Apr 2022 19:37

Tgt Ion: 106 Resp: 2137
Ion Ratio Lower Upper
106 100
91 195.2 136.4 253.4

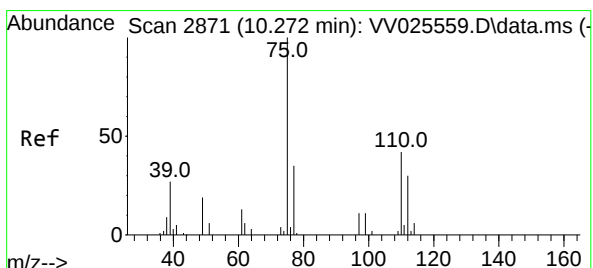
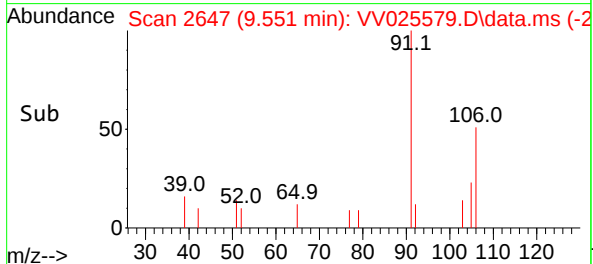
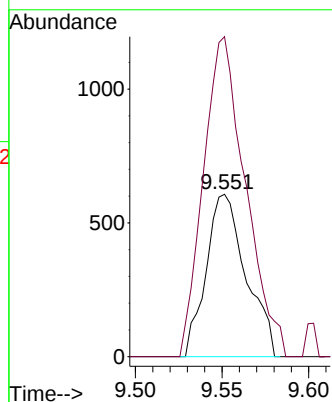
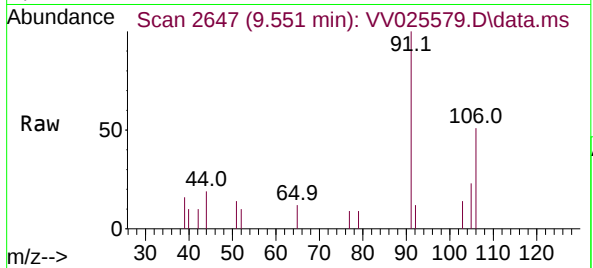




#54
o-Xylene
Concen: 0.057 ug/L
RT: 9.551 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV025579.D
Acq: 15 Apr 2022 19:37

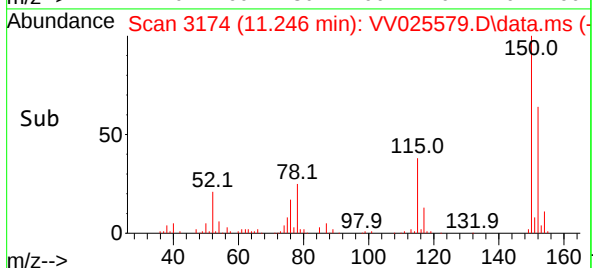
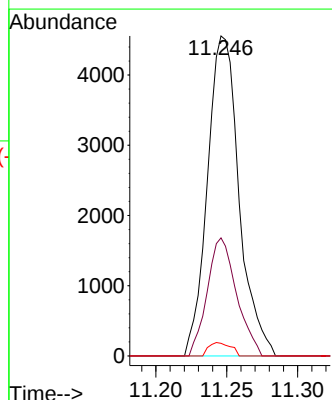
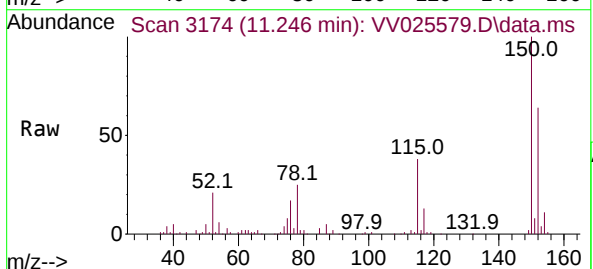
Instrument :
MSVOA_V
ClientSampleId :
EW6R9

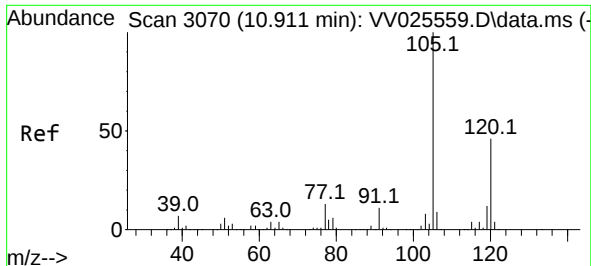
Tgt Ion:106 Resp: 970
Ion Ratio Lower Upper
106 100
91 197.0 150.4 279.2



#61
1,2,3-Trichloropropane
Concen: 1.839 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025579.D
Acq: 15 Apr 2022 19:37

Tgt Ion: 75 Resp: 7068
Ion Ratio Lower Upper
75 100
77 34.2 25.6 38.4
110 2.9 34.7 52.1#

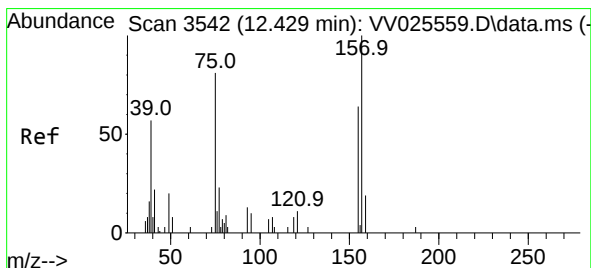
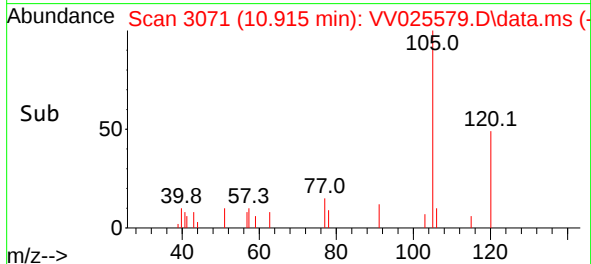
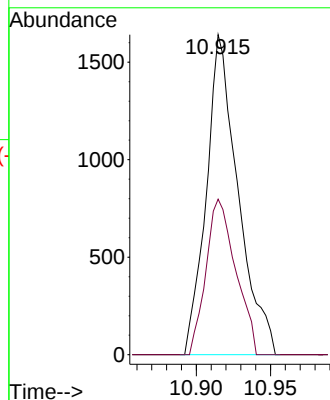
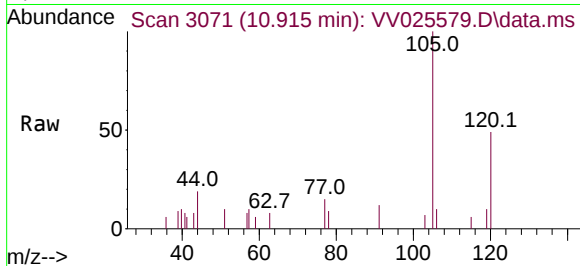




#63
 1,2,4-Trimethylbenzene
 Concen: 0.084 ug/L
 RT: 10.915 min Scan# 3070
 Delta R.T. 0.003 min
 Lab File: VV025579.D
 Acq: 15 Apr 2022 19:37

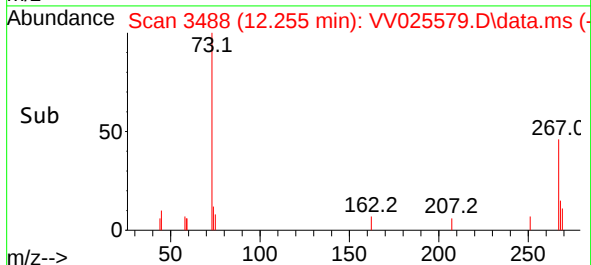
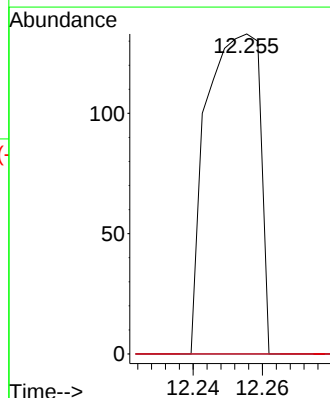
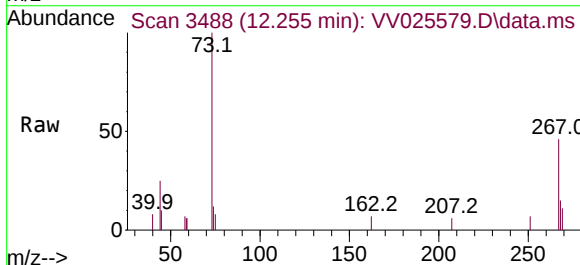
Instrument :
 MSVOA_V
 ClientSampleId :
 EW6R9

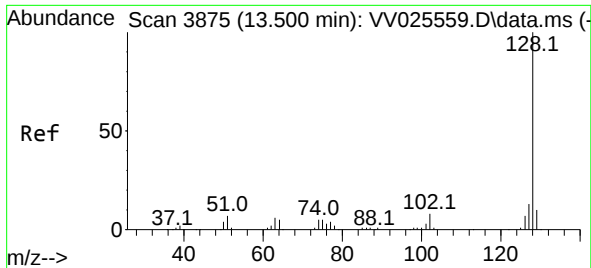
Tgt Ion:105 Resp: 2437
 Ion Ratio Lower Upper
 105 100
 120 45.5 36.6 55.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.214 ug/L
 RT: 12.255 min Scan# 3488
 Delta R.T. -0.174 min
 Lab File: VV025579.D
 Acq: 15 Apr 2022 19:37

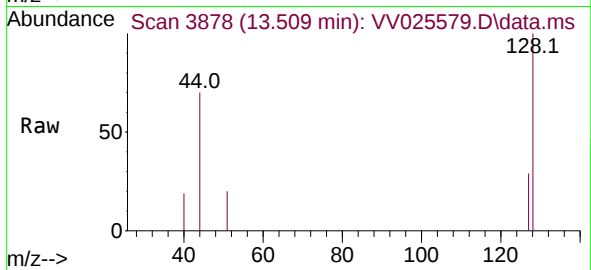
Tgt Ion: 75 Resp: 142
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#





#71
Naphthalene
Concen: 0.085 ug/L
RT: 13.509 min Scan# 3875
Delta R.T. 0.010 min
Lab File: VV025579.D
Acq: 15 Apr 2022 19:37

Instrument :
MSVOA_V
ClientSampleId :
EW6R9



Tgt Ion:128 Resp: 1231
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 10.2 10.4 15.6#

