

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032122\
 Data File : VW025115.D
 Acq On : 21 Mar 2022 13:38
 Operator : SY/MD
 Sample : N2044-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 21 14:33:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	151124	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	140663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	70565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	50212	4.209	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.568	69	41023	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.108	63	65829	3.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.918	46	74865	51.921	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.840%
24) Chloroform-d	4.352	84	96368	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.037	65	39994	4.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.050	84	196954	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.069	67	58028	4.945	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.317	98	174210	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.625	79	19353	4.731	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.088	63	74540	53.425	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36259	5.253	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	59325	4.966	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
6) Bromomethane	1.519	94	472	0.055	ug/L	79
13) Acetone	2.211	43	13530	14.030	ug/L	83
15) Methyl Acetate	2.532	43	2223	0.841	ug/L #	44
21) 2-Butanone	4.014	43	1643	1.079	ug/L	87
25) Chloroform	4.381	83	43625	2.125	ug/L	96
27) 1,2-Dichloroethane	5.053	62	900	0.088	ug/L #	71
33) Benzene	5.104	78	13229	0.289	ug/L	100
35) Methylcyclohexane	6.069	83	13741	0.713	ug/L #	24
37) 1,2-Dichloropropane	6.072	63	6029	0.573	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1322	0.091	ug/L #	58
42) Toluene	7.394	91	15527	0.324	ug/L	95
47) Tetrachloroethene	7.979	164	637	0.074	ug/L	78
49) Dibromochloromethane	7.979	129	692	0.088	ug/L #	10
52) Ethylbenzene	9.017	91	4410	0.087	ug/L	95
53) m,p-xylene	9.146	106	1254	0.064	ug/L	86
61) 1,2,3-Trichloropropane	11.249	75	8459	1.425	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.342	75	310	0.305	ug/L #	1
71) Naphthalene	13.503	128	6933	0.329	ug/L	97

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Mar 19 00:53:30 2022
Response via : Initial Calibration

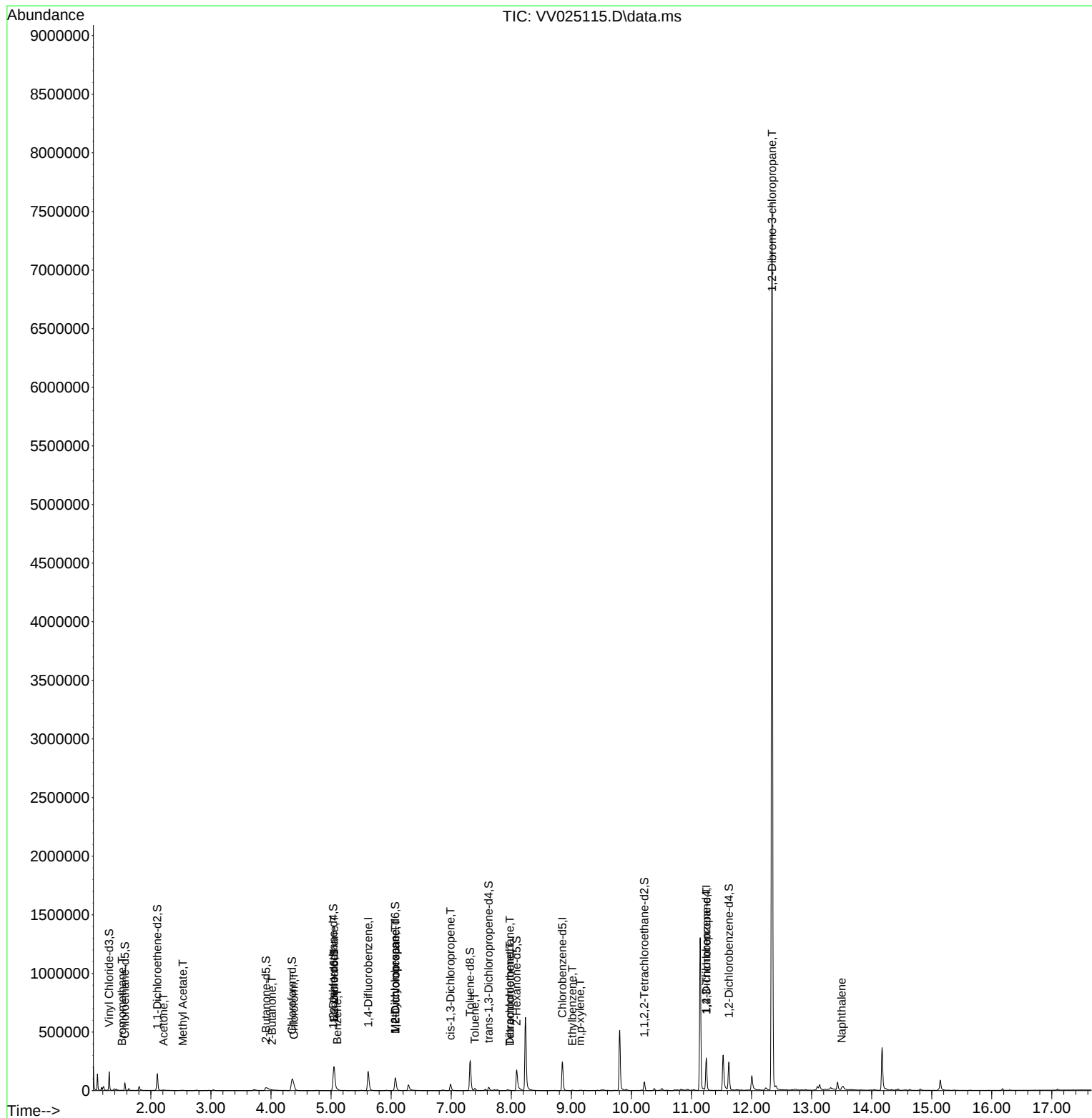
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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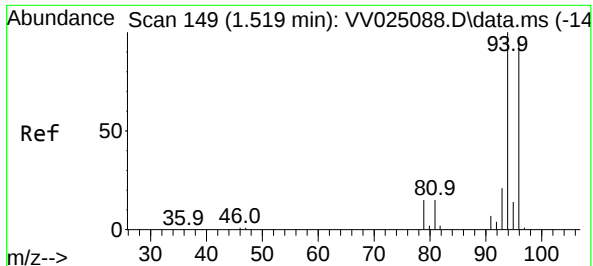
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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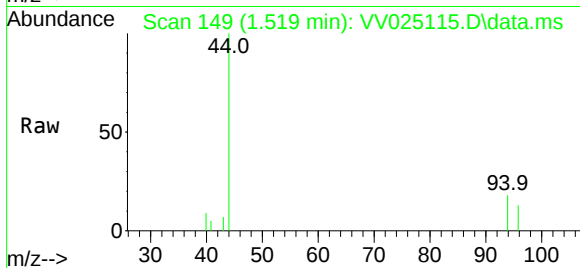
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
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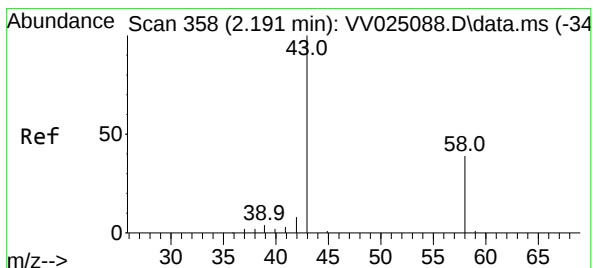
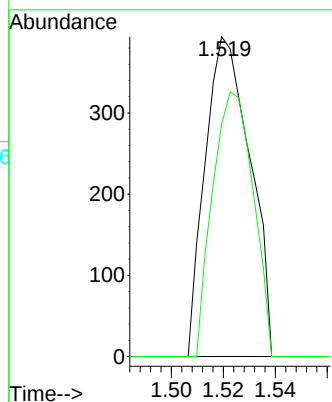
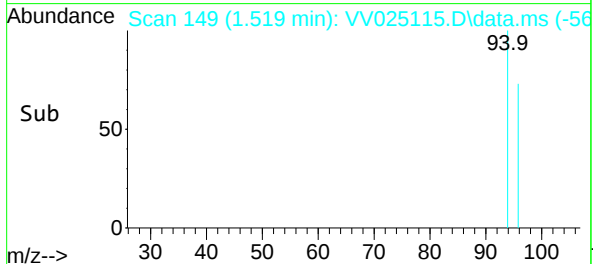


#6
Bromomethane
Concen: 0.055 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.000 min
Lab File: VV025115.D
Acq: 21 Mar 2022 13:38

Instrument :
MSVOA_V
ClientSampleId :

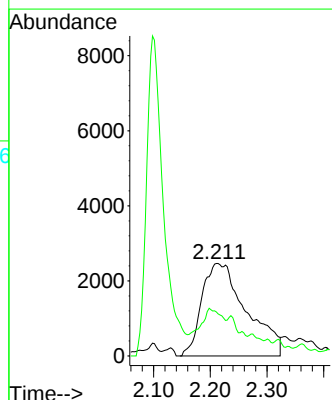
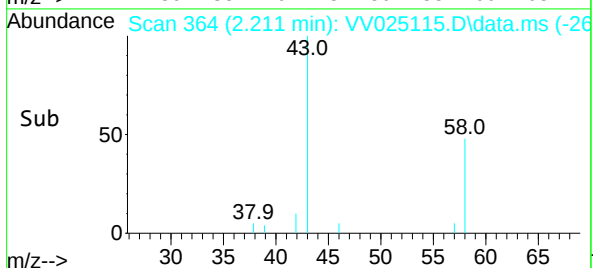
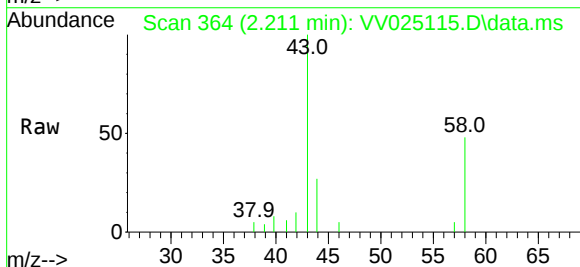


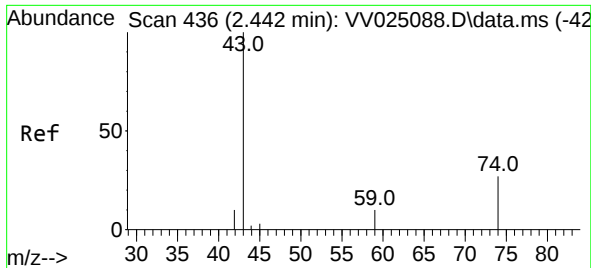
Tgt Ion: 94 Resp: 472
Ion Ratio Lower Upper
94 100
96 72.6 64.9 120.5



#13
Acetone
Concen: 14.030 ug/L
RT: 2.211 min Scan# 364
Delta R.T. 0.019 min
Lab File: VV025115.D
Acq: 21 Mar 2022 13:38

Tgt Ion: 43 Resp: 13530
Ion Ratio Lower Upper
43 100
58 18.1 0.0 54.2





#15

Methyl Acetate

Concen: 0.841 ug/L

RT: 2.532 min Scan# 4

Delta R.T. 0.090 min

Lab File: VV025115.D

Acq: 21 Mar 2022 13:38

Instrument :

MSVOA_V

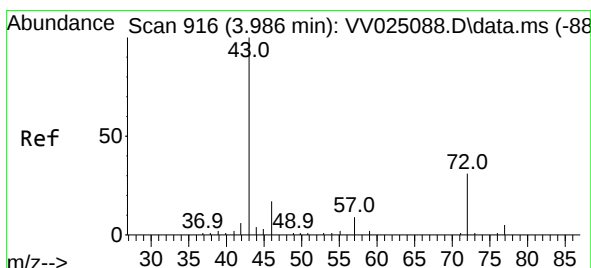
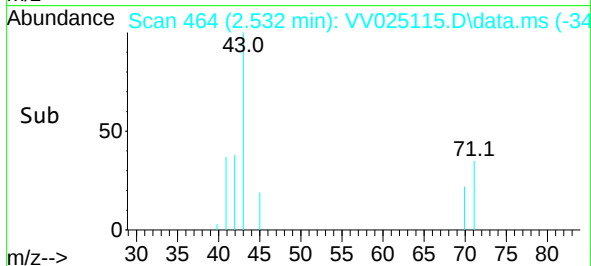
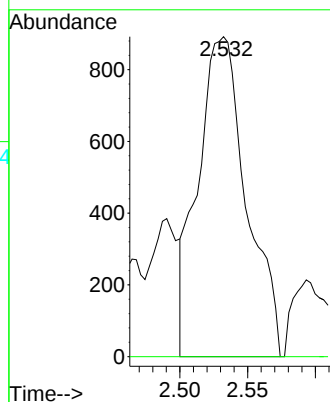
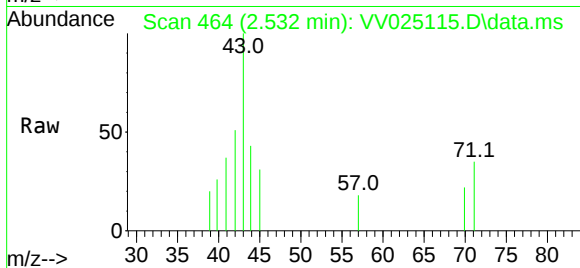
ClientSampleId :

Tgt Ion: 43 Resp: 2223

Ion Ratio Lower Upper

43 100

74 0.0 24.2 36.4#



#21

2-Butanone

Concen: 1.079 ug/L

RT: 4.014 min Scan# 925

Delta R.T. 0.029 min

Lab File: VV025115.D

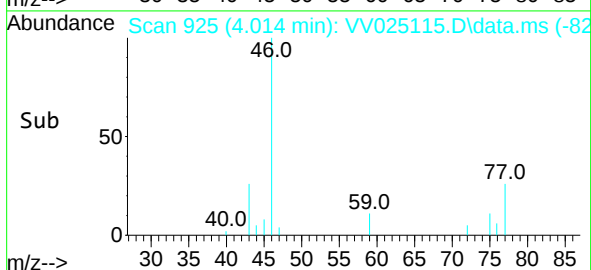
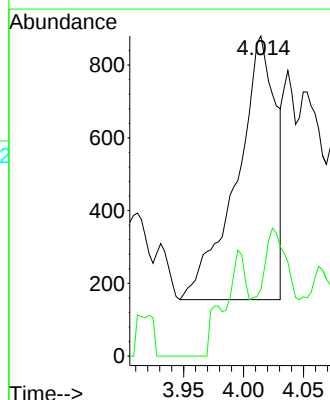
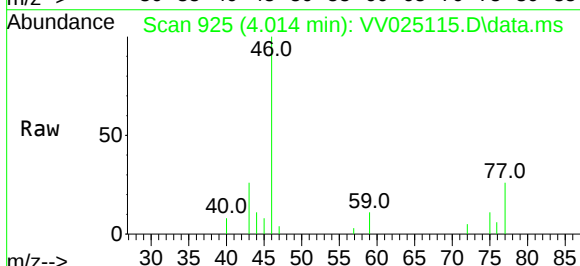
Acq: 21 Mar 2022 13:38

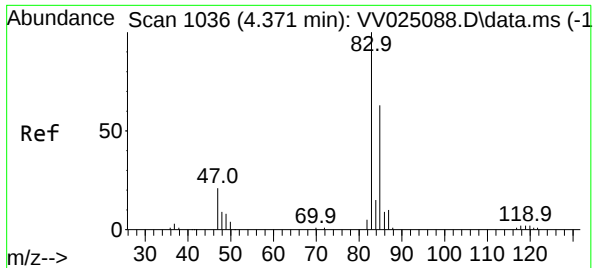
Tgt Ion: 43 Resp: 1643

Ion Ratio Lower Upper

43 100

72 27.0 10.4 31.2

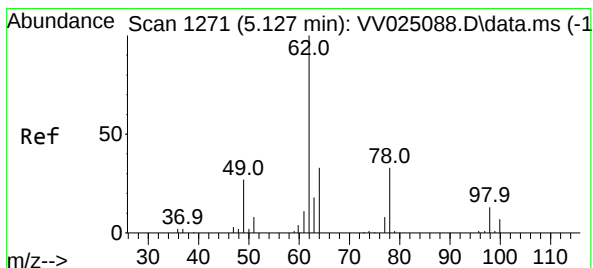
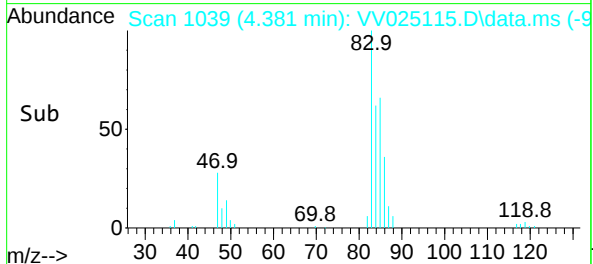
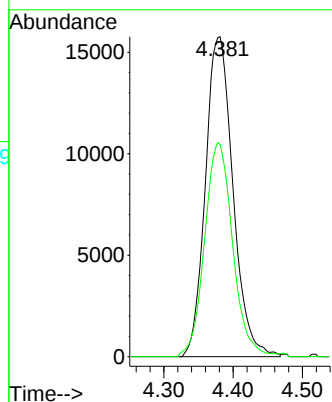
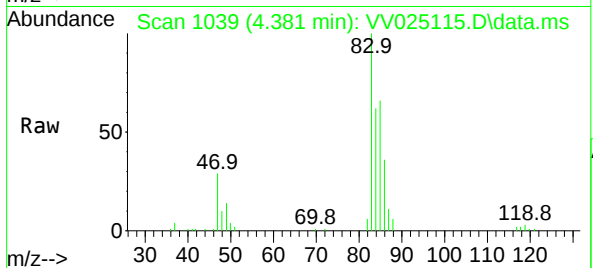




#25
Chloroform
Concen: 2.125 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV025115.D
Acq: 21 Mar 2022 13:38

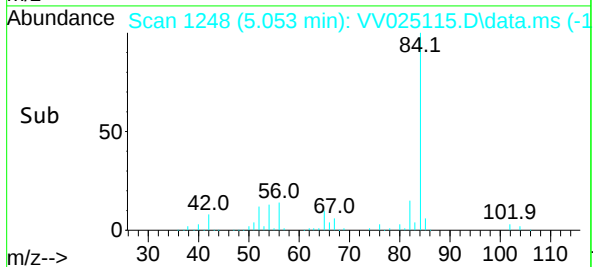
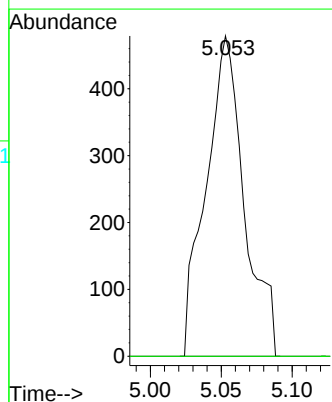
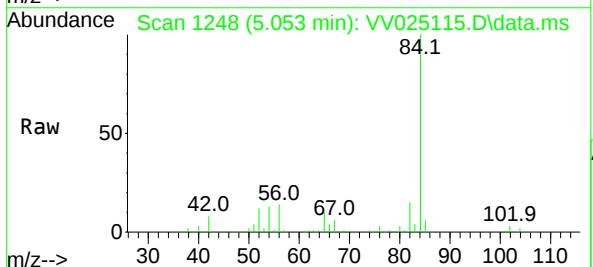
Instrument :
MSVOA_V
ClientSampleId :

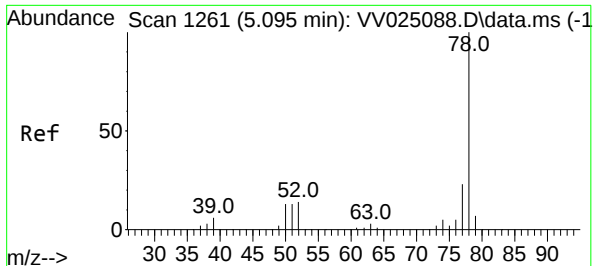
Tgt Ion: 83 Resp: 43625
Ion Ratio Lower Upper
83 100
85 66.4 44.5 82.7



#27
1,2-Dichloroethane
Concen: 0.088 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.074 min
Lab File: VV025115.D
Acq: 21 Mar 2022 13:38

Tgt Ion: 62 Resp: 900
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#

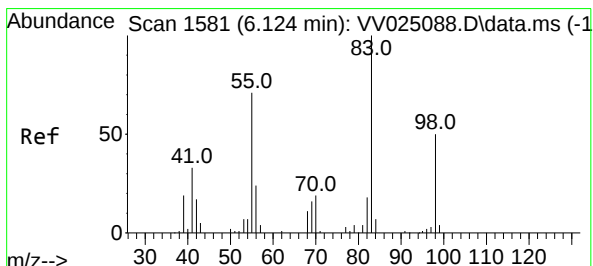
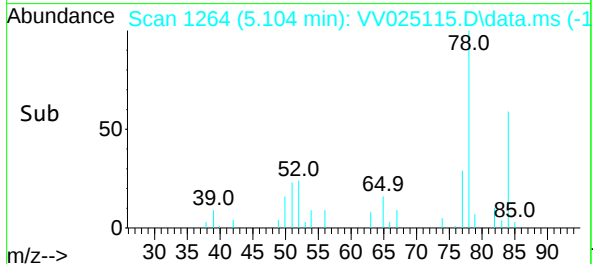
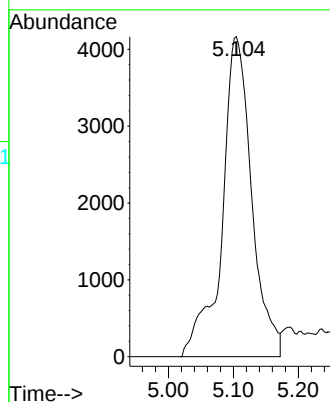
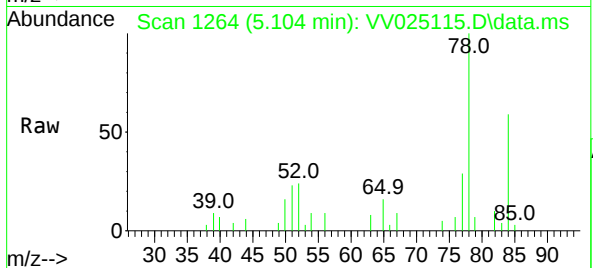




#33
Benzene
Concen: 0.289 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV025115.D
Acq: 21 Mar 2022 13:38

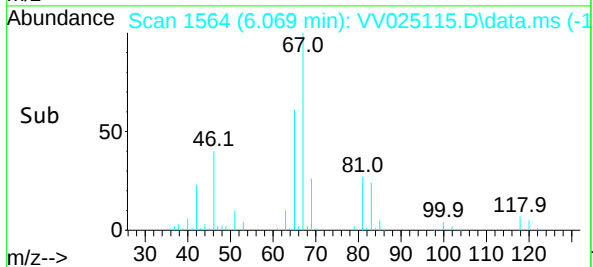
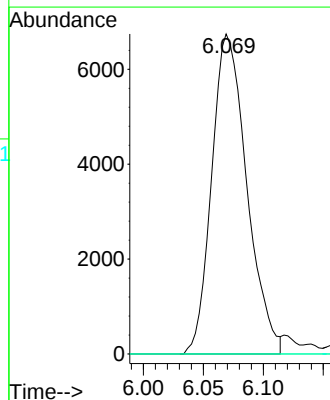
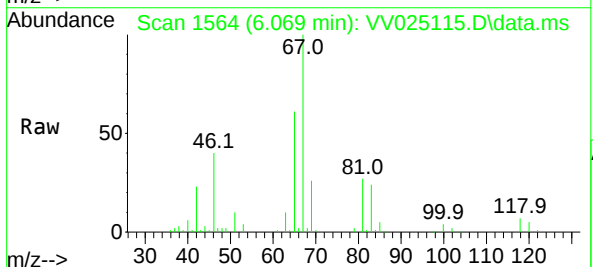
Instrument :
MSVOA_V
ClientSampleId :

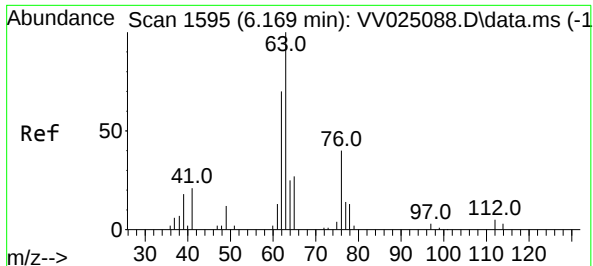
Tgt Ion: 78 Resp: 13229



#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.055 min
Lab File: VV025115.D
Acq: 21 Mar 2022 13:38

Tgt Ion: 83 Resp: 13741
Ion Ratio Lower Upper
83 100
55 1.2 55.4 83.0#
98 3.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.573 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.097 min

Lab File: VV025115.D

Acq: 21 Mar 2022 13:38

Instrument :

MSVOA_V

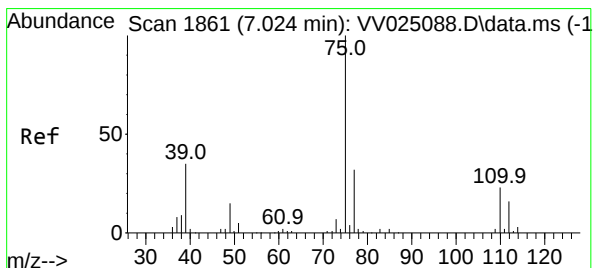
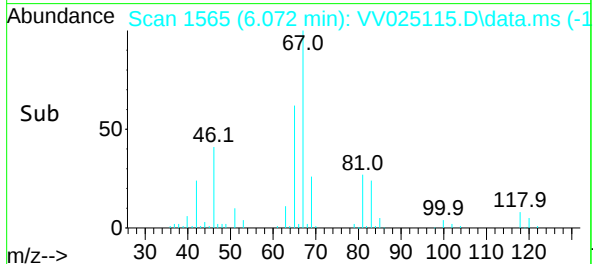
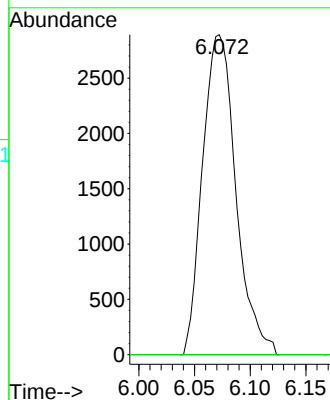
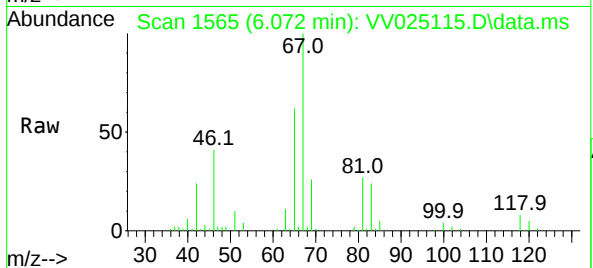
ClientSampleId :

Tgt Ion: 63 Resp: 6029

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV025115.D

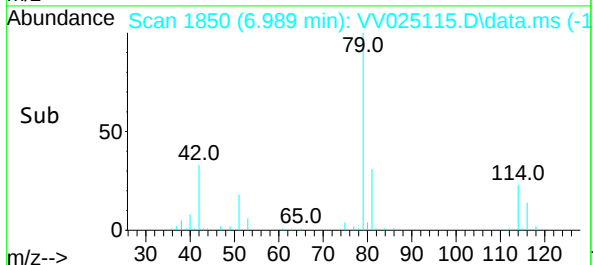
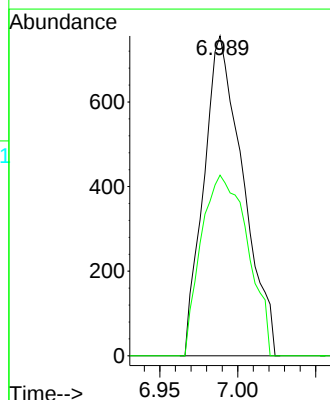
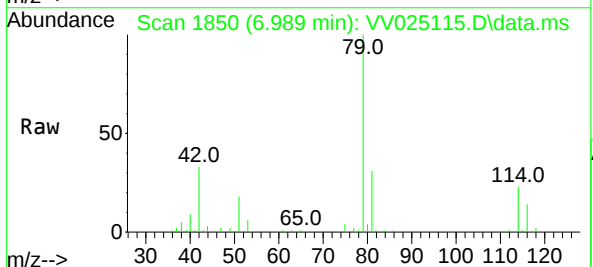
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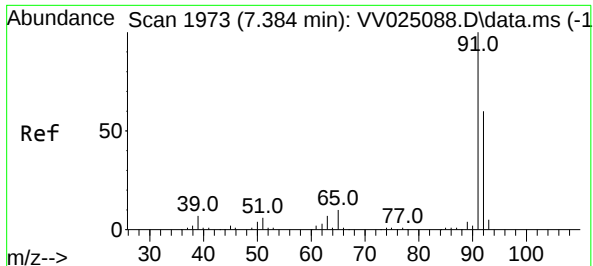
Tgt Ion: 75 Resp: 1322

Ion Ratio Lower Upper

75 100

77 56.5 23.0 42.8#





#42

Toluene

Concen: 0.324 ug/L

RT: 7.394 min Scan# 1973

Delta R.T. 0.010 min

Lab File: VV025115.D

Acq: 21 Mar 2022 13:38

Instrument :

MSVOA_V

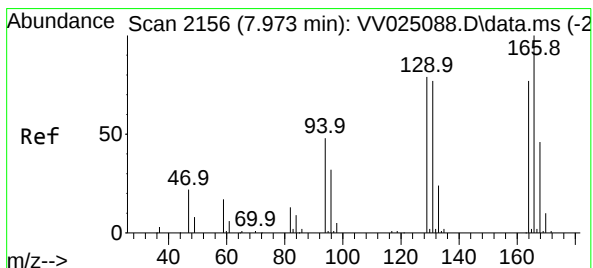
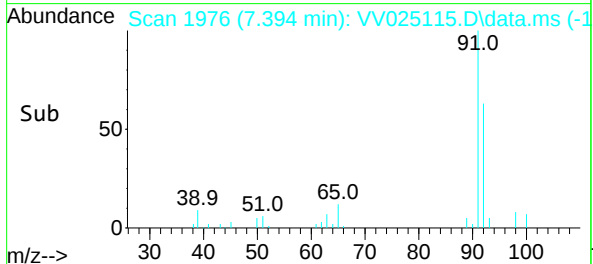
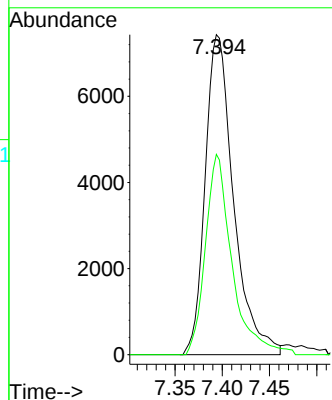
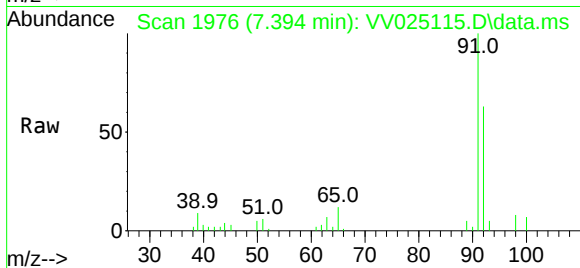
ClientSampleId :

Tgt Ion: 91 Resp: 15527

Ion Ratio Lower Upper

91 100

92 62.6 41.2 76.4



#47

Tetrachloroethene

Concen: 0.074 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV025115.D

Acq: 21 Mar 2022 13:38

Tgt Ion: 164 Resp: 637

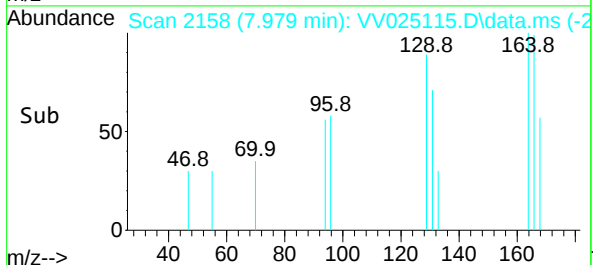
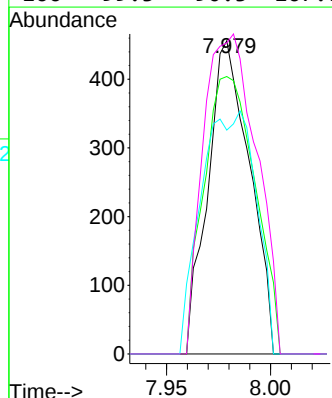
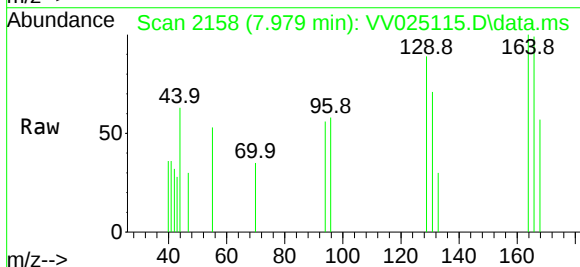
Ion Ratio Lower Upper

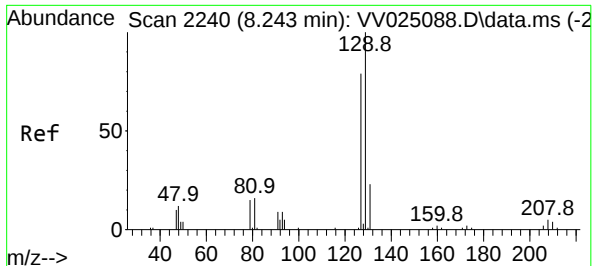
164 100

129 88.6 70.3 130.7

131 71.5 69.4 129.0

166 99.3 90.3 167.7





#49

Dibromochloromethane

Concen: 0.088 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025115.D

Acq: 21 Mar 2022 13:38

Instrument :

MSVOA_V

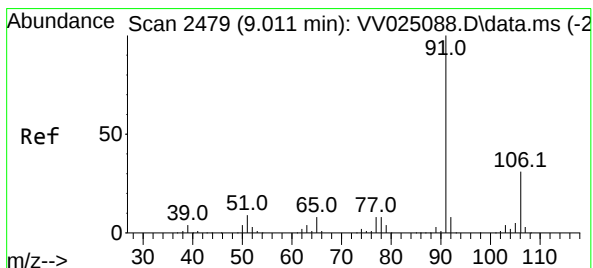
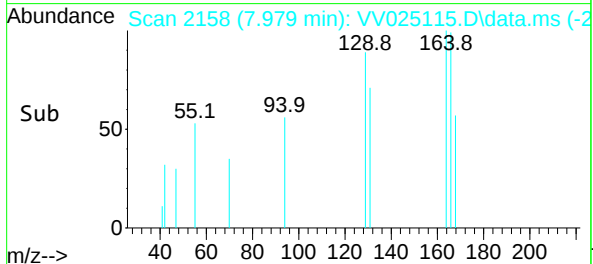
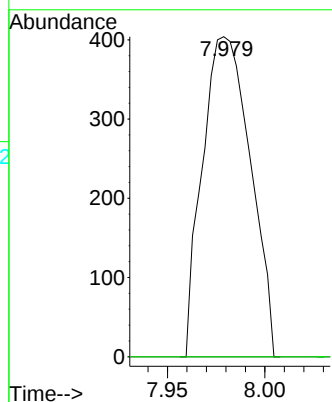
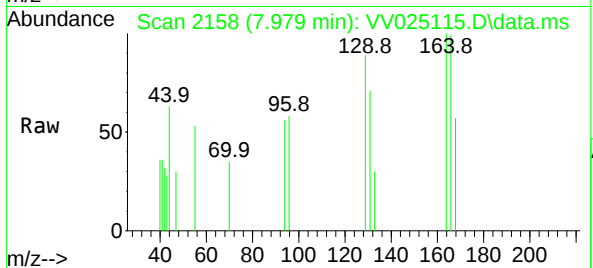
ClientSampleId :

Tgt Ion:129 Resp: 692

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#52

Ethylbenzene

Concen: 0.087 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.006 min

Lab File: VV025115.D

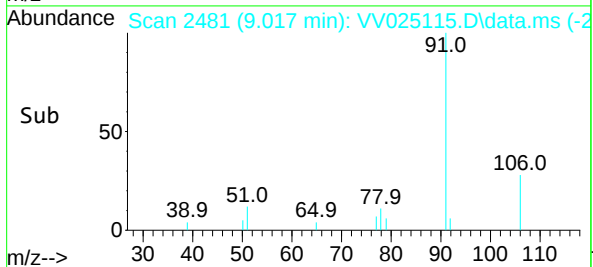
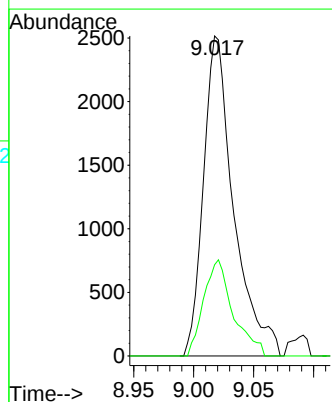
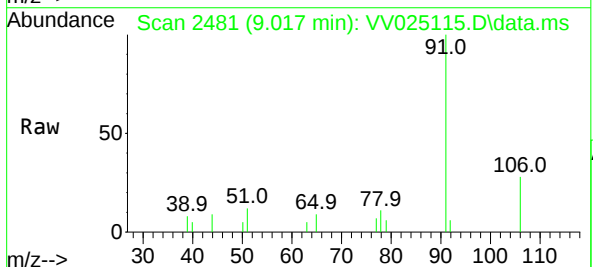
Acq: 21 Mar 2022 13:38

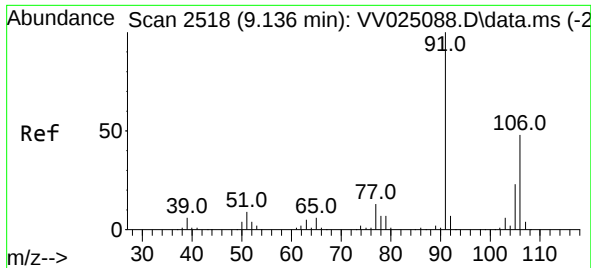
Tgt Ion: 91 Resp: 4410

Ion Ratio Lower Upper

91 100

106 28.5 21.9 40.7

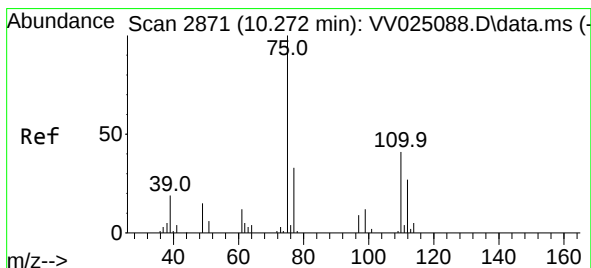
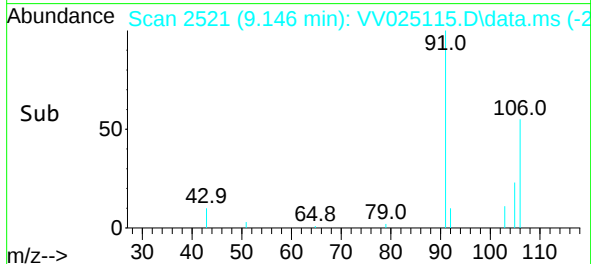
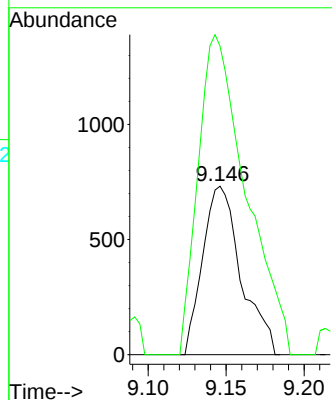
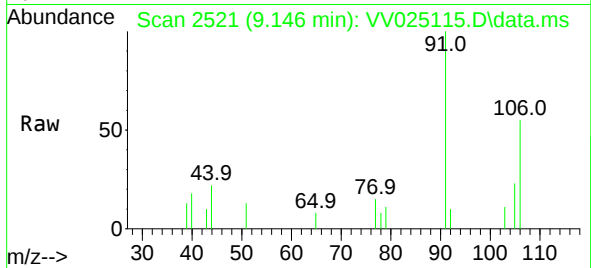




#53
m,p-xylene
Concen: 0.064 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV025115.D
Acq: 21 Mar 2022 13:38

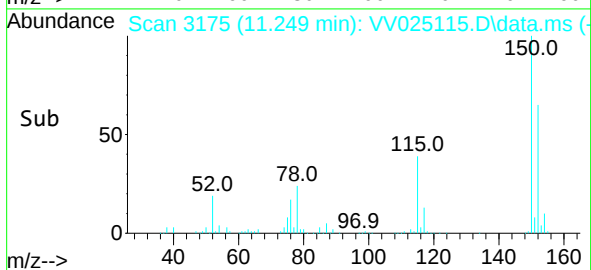
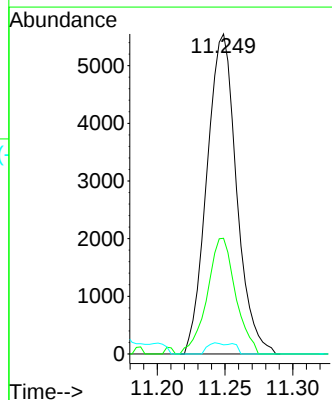
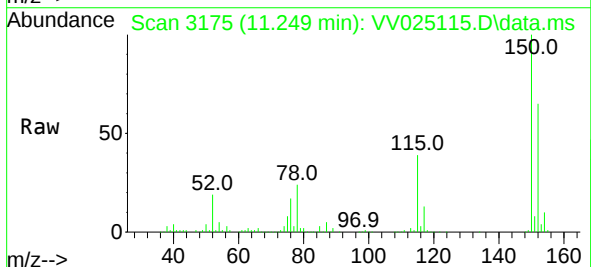
Instrument :
MSVOA_V
ClientSampleId :

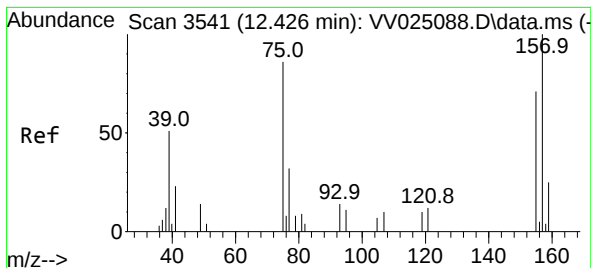
Tgt Ion:106 Resp: 1254
Ion Ratio Lower Upper
106 100
91 183.1 143.4 266.4



#61
1,2,3-Trichloropropane
Concen: 1.425 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV025115.D
Acq: 21 Mar 2022 13:38

Tgt Ion: 75 Resp: 8459
Ion Ratio Lower Upper
75 100
77 34.5 25.7 38.5
110 0.0 31.2 46.8#

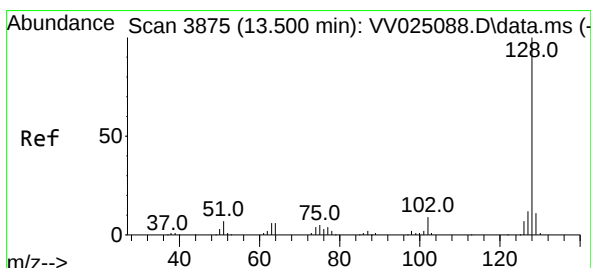
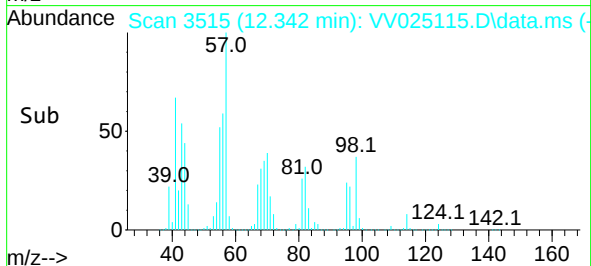
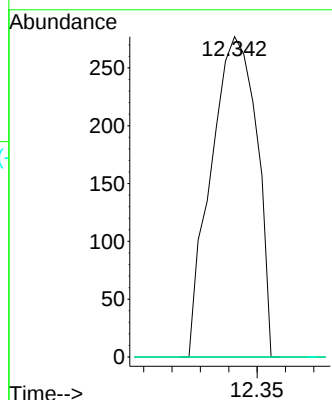
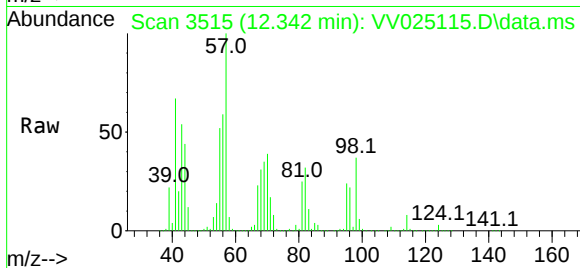




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.305 ug/L
 RT: 12.342 min Scan# 310
 Delta R.T. -0.084 min
 Lab File: VV025115.D
 Acq: 21 Mar 2022 13:38

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 310
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.9 98.9#
 157 0.0 89.7 134.5#



#71
 Naphthalene
 Concen: 0.329 ug/L
 RT: 13.503 min Scan# 3876
 Delta R.T. 0.003 min
 Lab File: VV025115.D
 Acq: 21 Mar 2022 13:38

Tgt Ion: 128 Resp: 6933
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.5 12.7
 127 13.2 9.8 14.8

