

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011322\
 Data File : VW024348.D
 Acq On : 13 Jan 2022 13:38
 Operator : SY/MD
 Sample : N1084-10 10X
 Misc : 12.29g/5.0mL/100ul/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 13 14:05:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	231069	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	228574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	129206	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	72648	43.686	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.380%
7) Chloroethane-d5	1.568	69	57186	45.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.540%
11) 1,1-Dichloroethene-d2	2.108	63	112360	36.151	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.300%
21) 2-Butanone-d5	3.883	46	87939	94.914	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.910%
24) Chloroform-d	4.349	84	146880	48.326	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.660%
26) 1,2-Dichloroethane-d4	5.030	65	98917	48.610	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.220%
32) Benzene-d6	5.050	84	288229	48.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
36) 1,2-Dichloropropane-d6	6.069	67	81878	48.980	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.960%
41) Toluene-d8	7.313	98	272427	47.172	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.340%
43) trans-1,3-Dichloroprop...	7.622	79	44290	46.011	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.020%
47) 2-Hexanone-d5	8.088	63	68416	94.202	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.200%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	124119	51.956	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.920%
66) 1,2-Dichlorobenzene-d4	11.625	152	131107	50.907	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.820%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1215	0.835	ug/L #	16
33) Benzene	5.104	78	36874	6.344	ug/L	100
35) Methylcyclohexane	6.133	83	3082	1.297	ug/L #	33
39) cis-1,3-Dichloropropene	6.982	75	3033	1.320	ug/L	93
42) Toluene	7.390	91	53888	8.260	ug/L	95
44) trans-1,3-Dichloropropene	7.619	75	2168	0.930	ug/L	86
45) 1,1,2-Trichloroethane	7.783	97	2913	1.901	ug/L #	20
48) 2-Hexanone	8.085	43	12278	8.575	ug/L #	55
52) Ethylbenzene	9.011	91	450031	64.568	ug/L	100
53) m,p-Xylene	9.136	106	606365	217.042	ug/L	100
54) o-Xylene	9.541	106	58752	22.030	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	8068	3.605	ug/L #	42
60) Isopropylbenzene	9.931	105	27515	3.848	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	298141	48.478	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	763030	124.275	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.156	75	1013	1.854	ug/L #	1
70) 1,2,4-trichlorobenzene	13.265	180	2045	0.843	ug/L #	52
71) Naphthalene	13.503	128	40114	5.717	ug/L #	96

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Quant Title : VOC Analysis
QLast Update : Thu Jan 13 02:28:22 2022
Response via : Initial Calibration

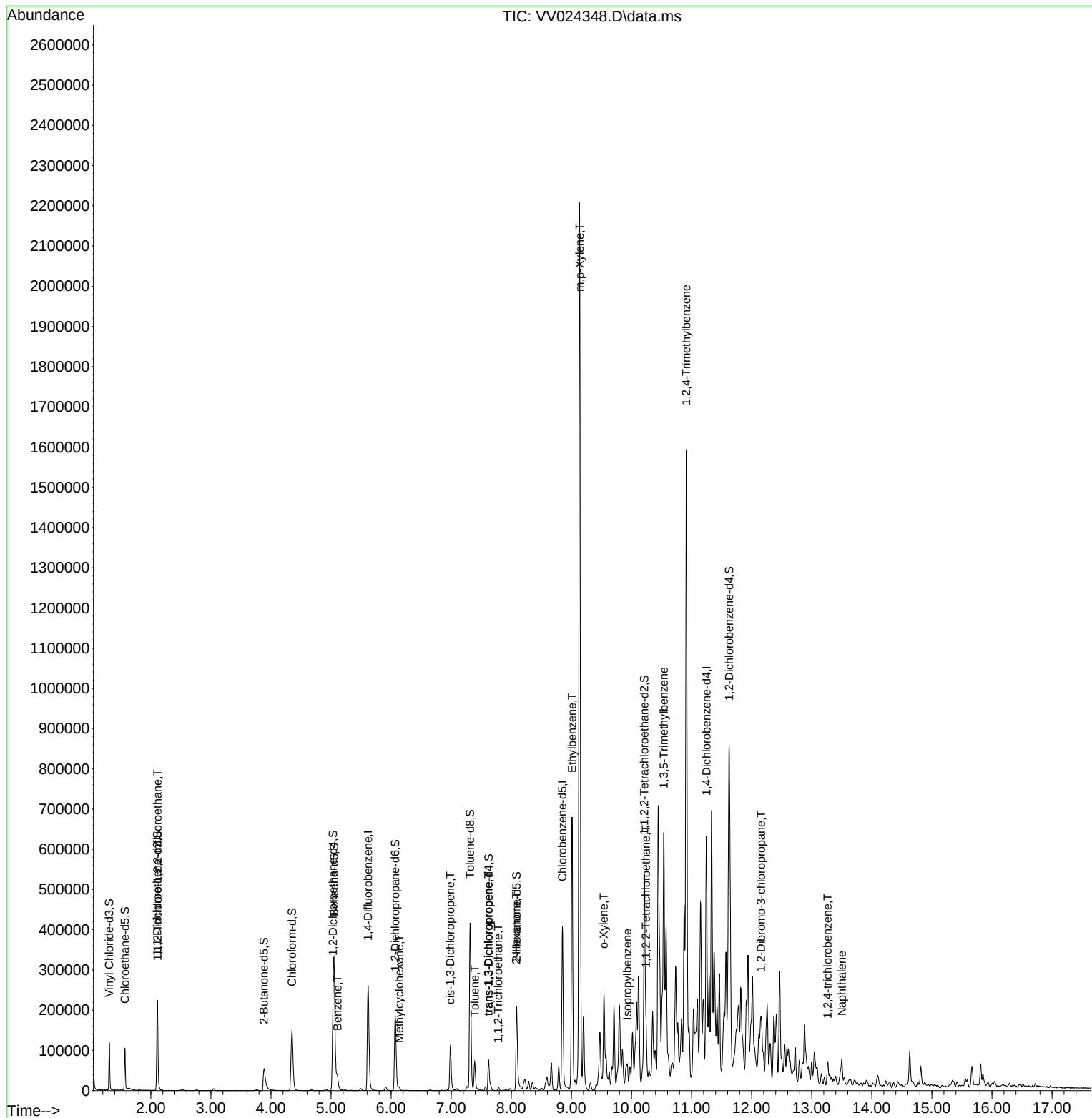
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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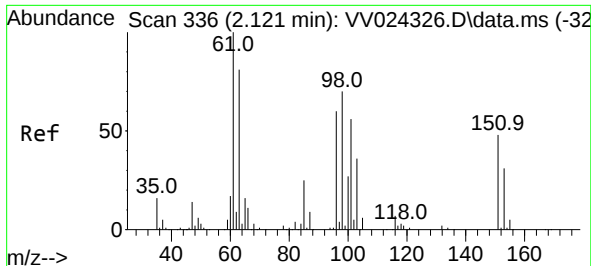
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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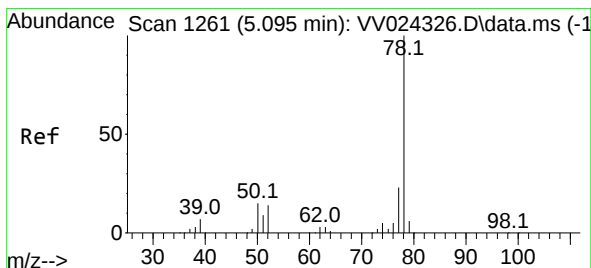
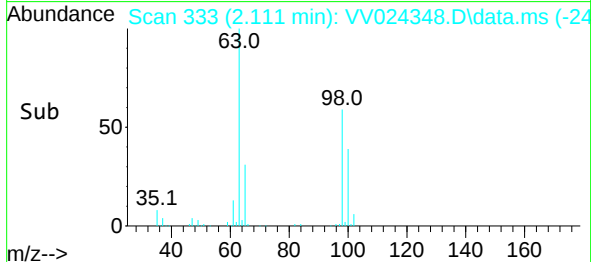
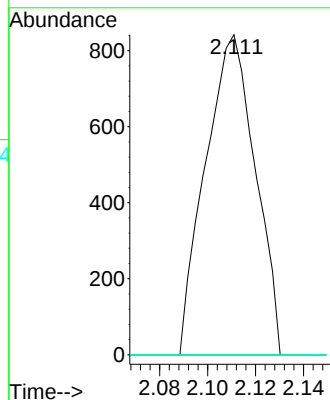
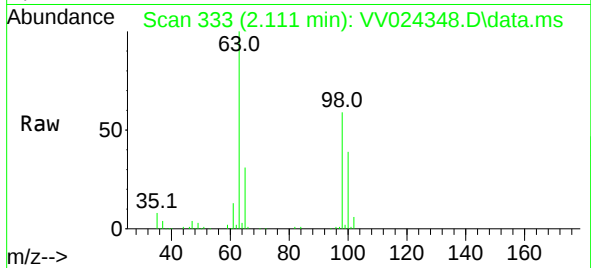




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.835 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

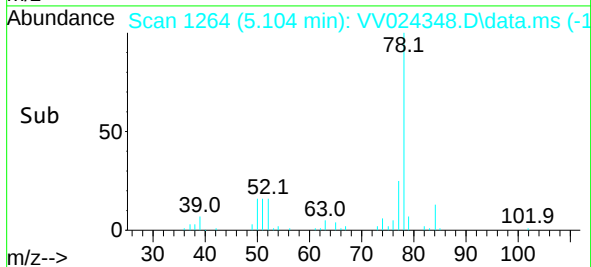
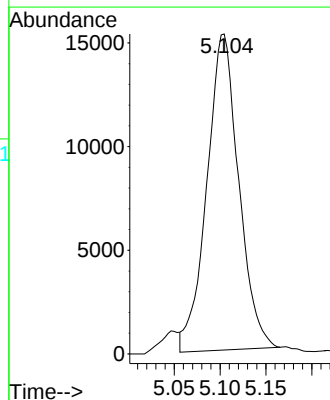
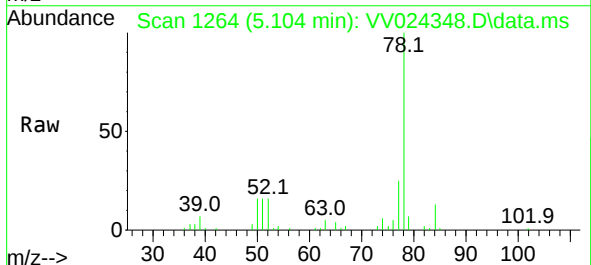
Instrument :
MSVOA_V
ClientSampleId :

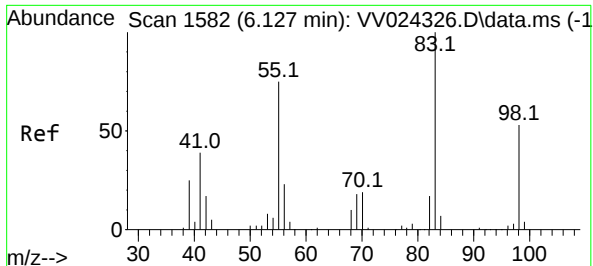
Tgt Ion:101 Resp: 1215
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 67.1 100.7#



#33
Benzene
Concen: 6.344 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.009 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

Tgt Ion: 78 Resp: 36874





#35

Methylcyclohexane

Concen: 1.297 ug/L

RT: 6.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV024348.D

Acq: 13 Jan 2022 13:38

Instrument :

MSVOA_V

ClientSampleId :

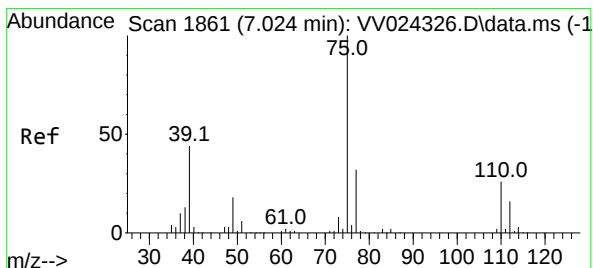
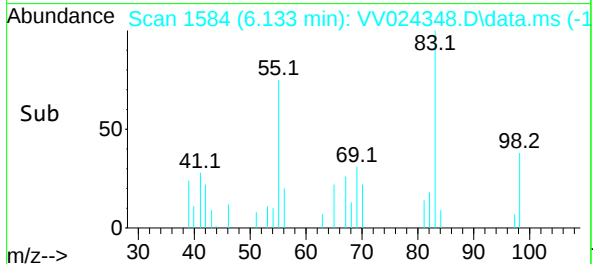
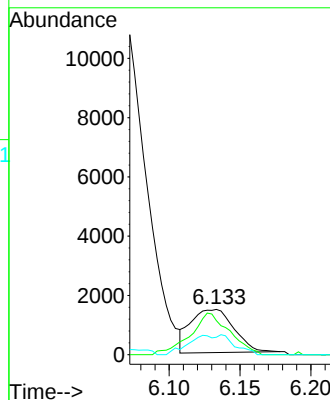
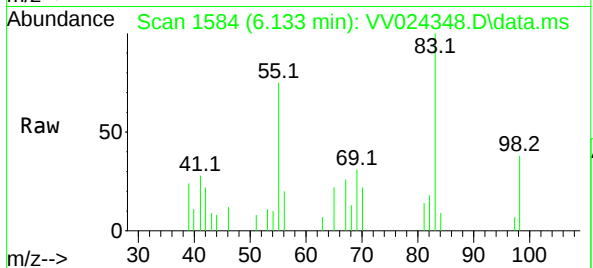
Tgt Ion: 83 Resp: 3082

Ion Ratio Lower Upper

83 100

55 0.0 55.6 83.4#

98 21.0 41.3 61.9#



#39

cis-1,3-Dichloropropene

Concen: 1.320 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.042 min

Lab File: VV024348.D

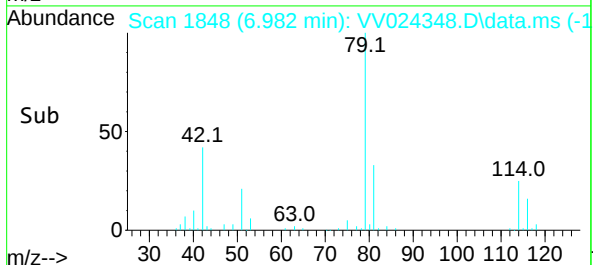
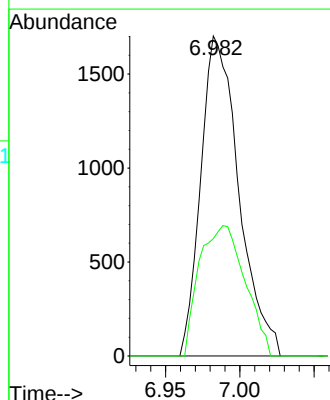
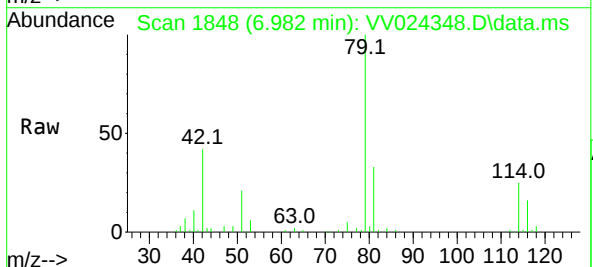
Acq: 13 Jan 2022 13:38

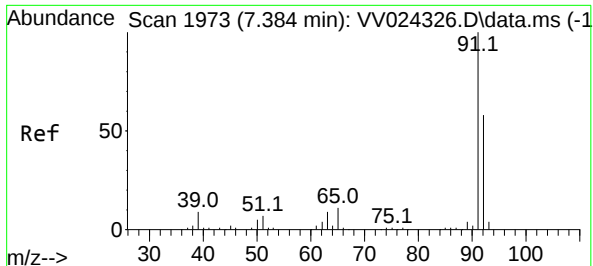
Tgt Ion: 75 Resp: 3033

Ion Ratio Lower Upper

75 100

77 36.6 23.0 42.8





#42

Toluene

Concen: 8.260 ug/L

RT: 7.390 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV024348.D

Acq: 13 Jan 2022 13:38

Instrument :

MSVOA_V

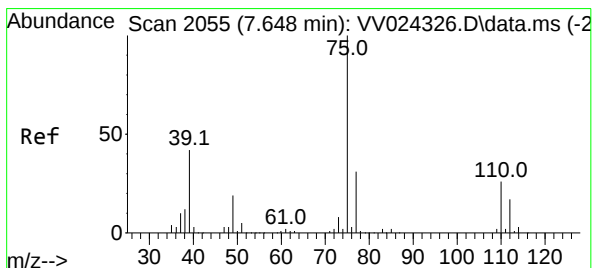
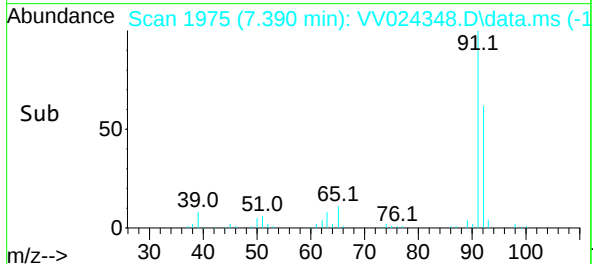
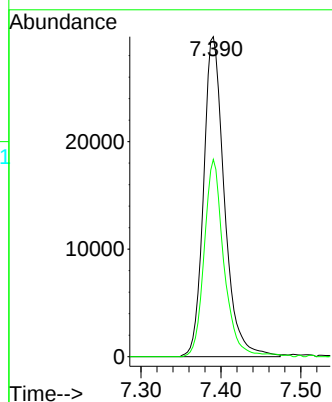
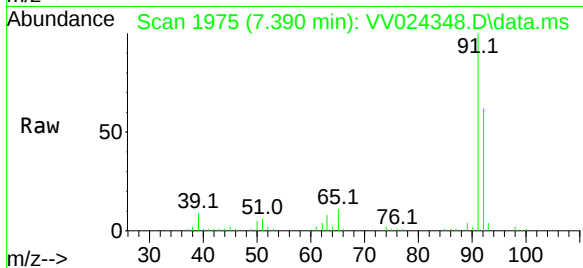
ClientSampleId :

Tgt Ion: 91 Resp: 53888

Ion Ratio Lower Upper

91 100

92 61.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.930 ug/L

RT: 7.619 min Scan# 2046

Delta R.T. -0.029 min

Lab File: VV024348.D

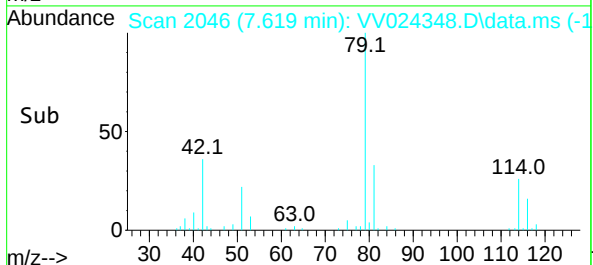
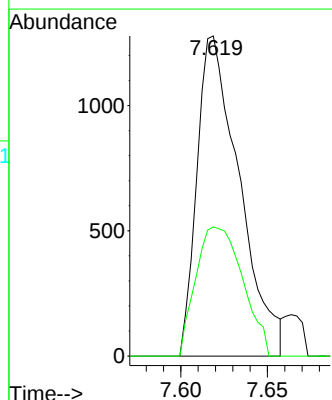
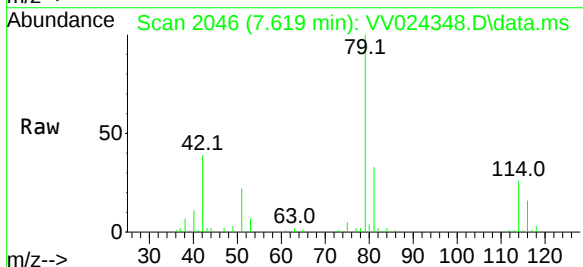
Acq: 13 Jan 2022 13:38

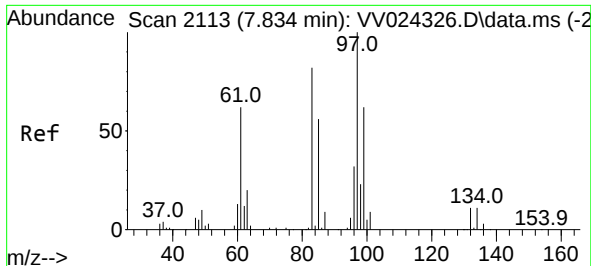
Tgt Ion: 75 Resp: 2168

Ion Ratio Lower Upper

75 100

77 40.4 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 1.901 ug/L

RT: 7.783 min Scan# 2097

Delta R.T. -0.052 min

Lab File: VV024348.D

Acq: 13 Jan 2022 13:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 2913

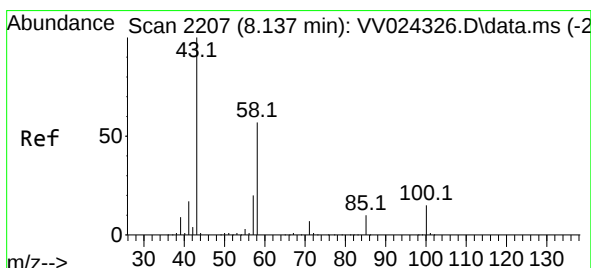
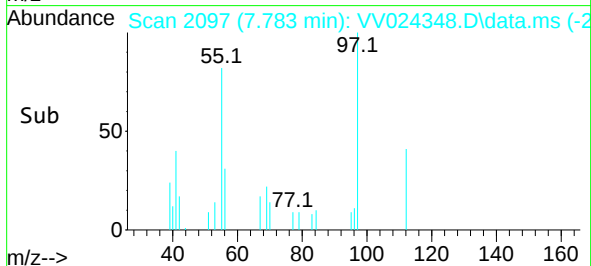
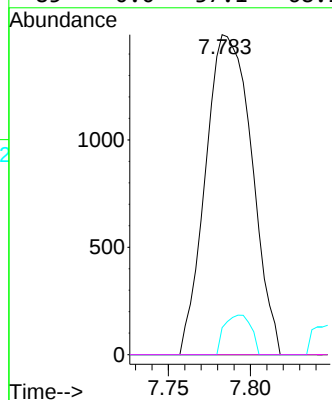
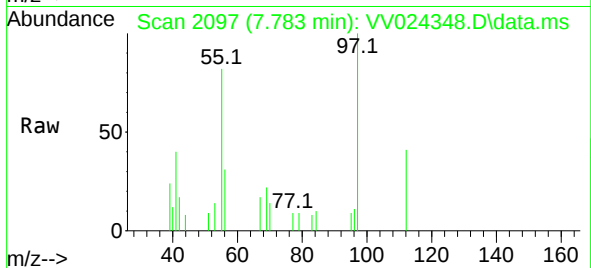
Ion Ratio Lower Upper

97 100

99 0.0 42.4 78.8#

83 8.5 57.9 107.5#

85 0.0 37.1 68.9#



#48

2-Hexanone

Concen: 8.575 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. -0.052 min

Lab File: VV024348.D

Acq: 13 Jan 2022 13:38

Tgt Ion: 43 Resp: 12278

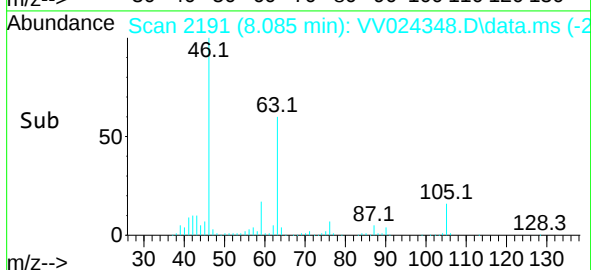
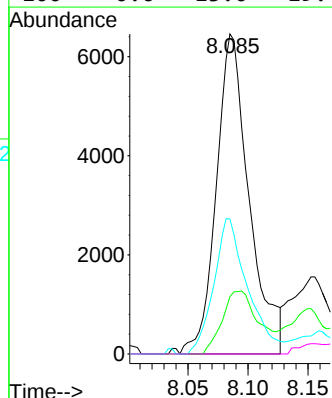
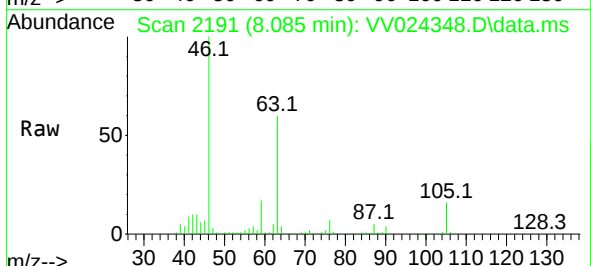
Ion Ratio Lower Upper

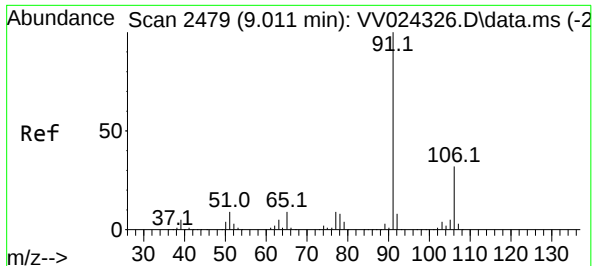
43 100

58 21.9 45.0 67.4#

57 43.8 16.9 25.3#

100 0.6 13.0 19.4#





#52

Ethylbenzene

Concen: 64.568 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV024348.D

Acq: 13 Jan 2022 13:38

Instrument :

MSVOA_V

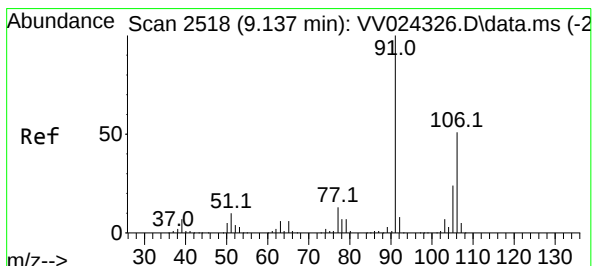
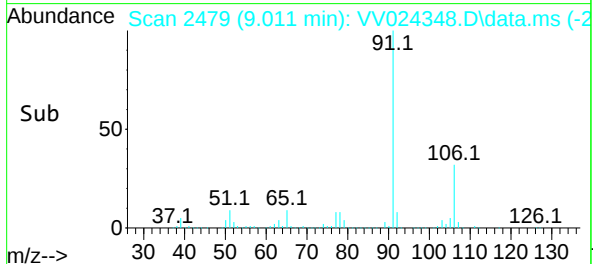
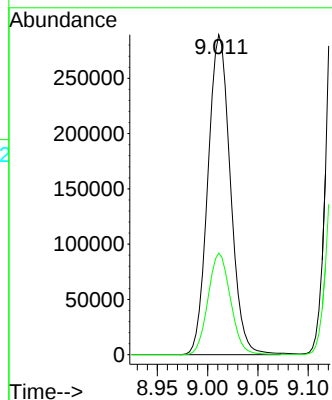
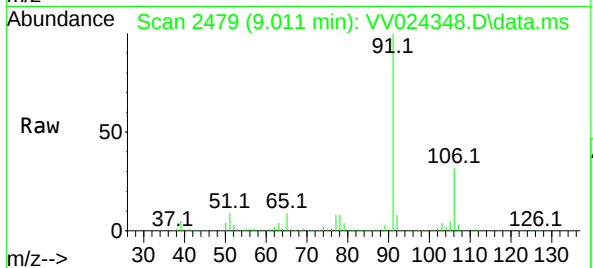
ClientSampleId :

Tgt Ion: 91 Resp: 450031

Ion Ratio Lower Upper

91 100

106 31.8 22.0 41.0



#53

m,p-Xylene

Concen: 217.042 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024348.D

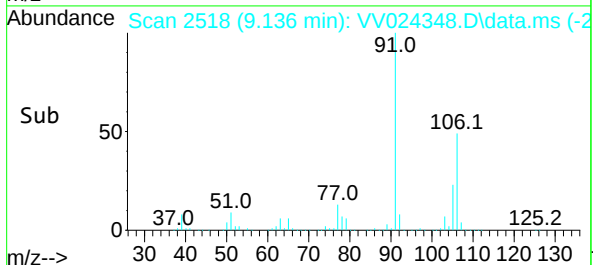
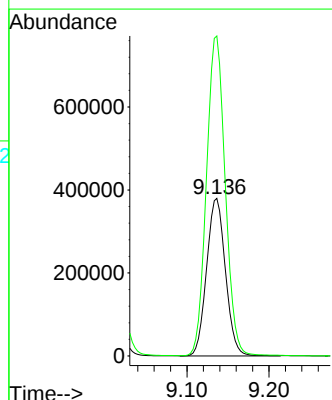
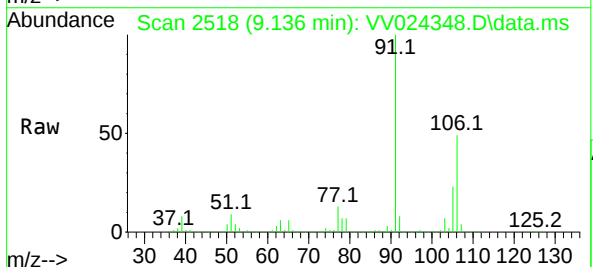
Acq: 13 Jan 2022 13:38

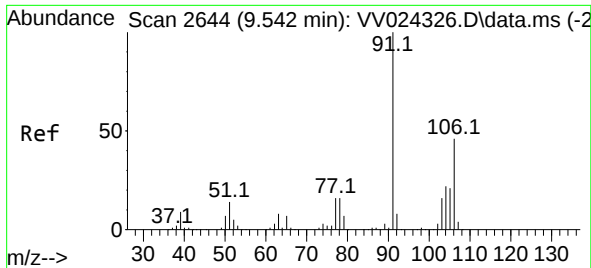
Tgt Ion: 106 Resp: 606365

Ion Ratio Lower Upper

106 100

91 203.1 141.8 263.4

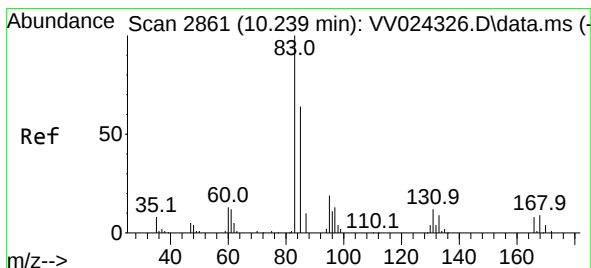
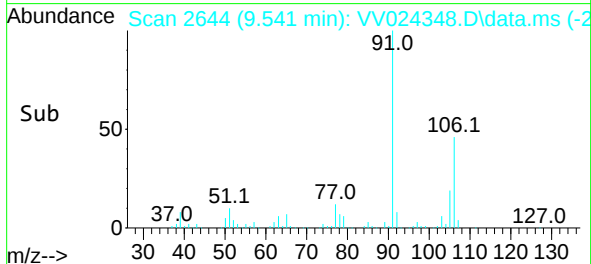
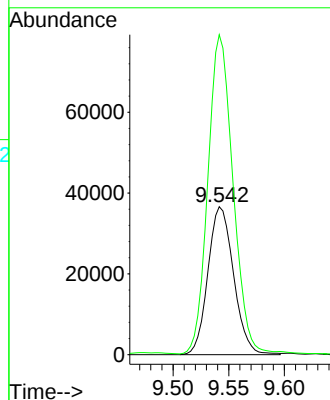
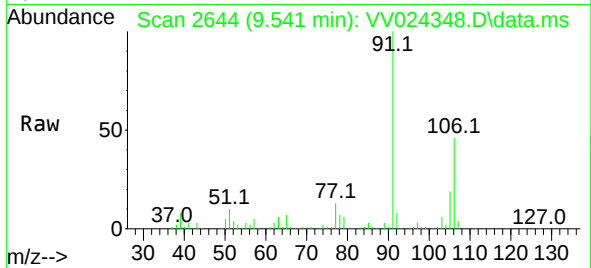




#54
o-Xylene
Concen: 22.030 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

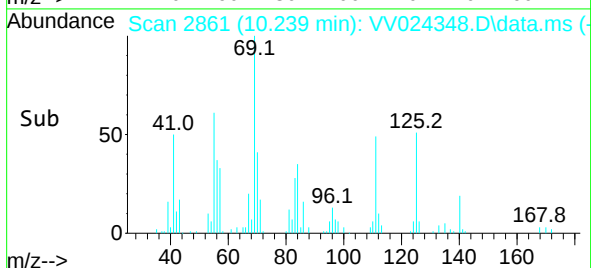
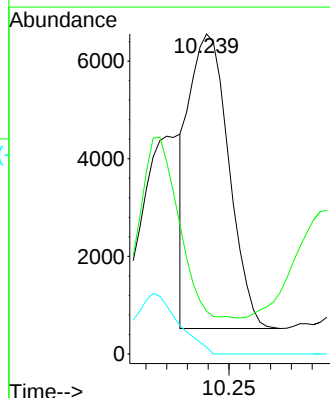
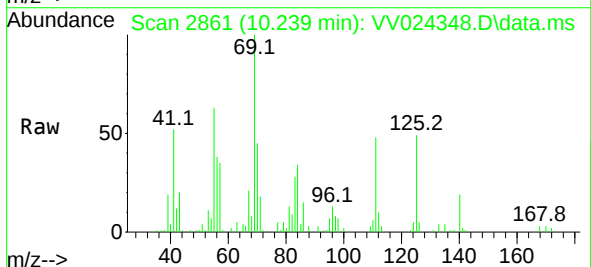
Instrument :
MSVOA_V
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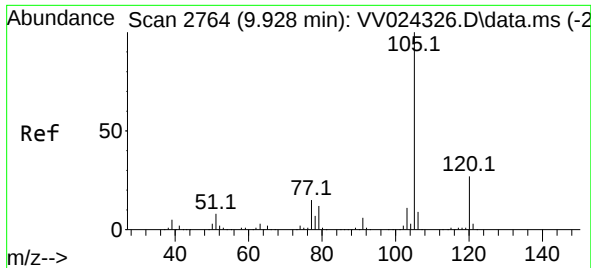
Tgt Ion:106 Resp: 58752
Ion Ratio Lower Upper
106 100
91 216.3 150.9 280.3



#57
1,1,2,2-Tetrachloroethane
Concen: 3.605 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

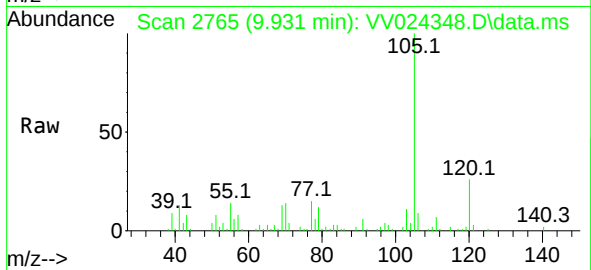
Tgt Ion: 83 Resp: 8068
Ion Ratio Lower Upper
83 100
85 13.3 44.5 82.7#
131 2.1 9.2 13.8#



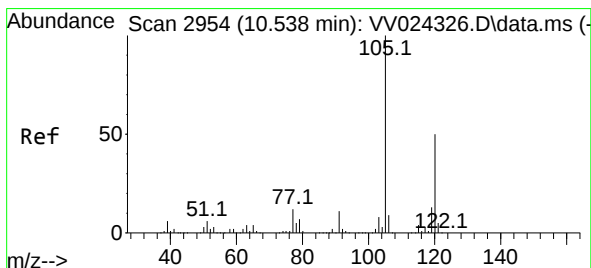
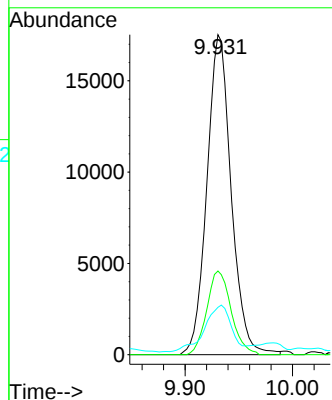
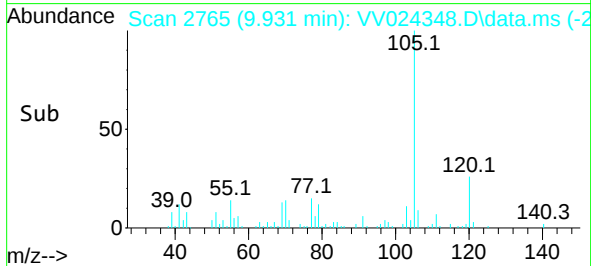


#60
Isopropylbenzene
Concen: 3.848 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

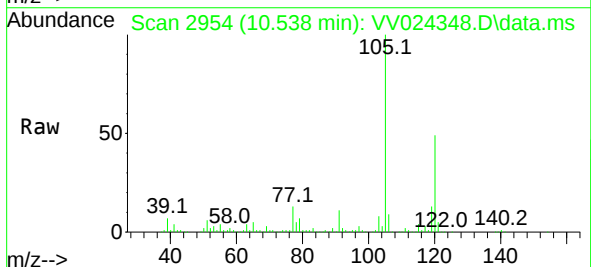
Instrument :
MSVOA_V
ClientSampleId :



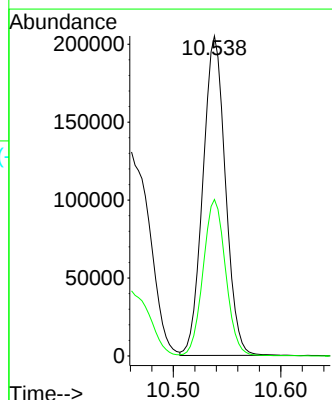
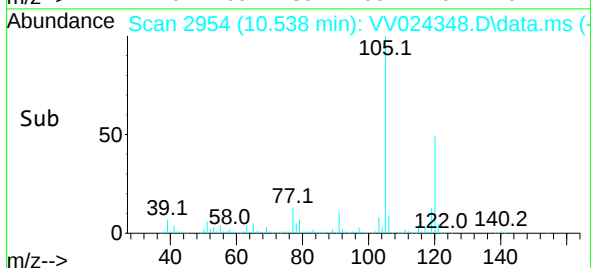
Tgt Ion:105 Resp: 27515
Ion Ratio Lower Upper
105 100
120 26.2 21.9 32.9
77 15.9 11.9 17.9

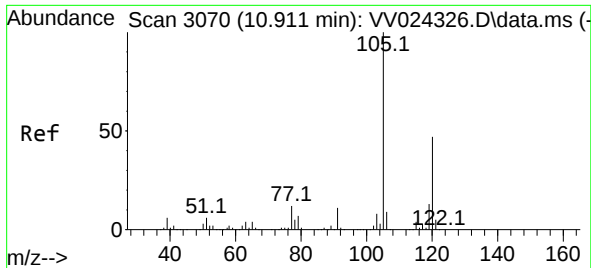


#62
1,3,5-Trimethylbenzene
Concen: 48.478 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38



Tgt Ion:105 Resp: 298141
Ion Ratio Lower Upper
105 100
120 48.8 39.4 59.2

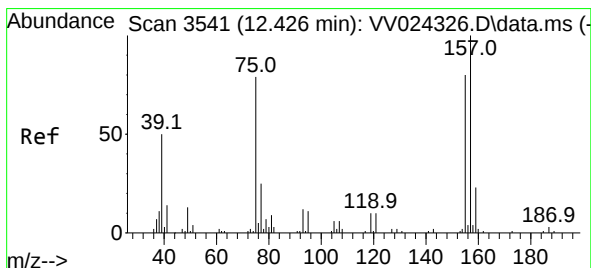
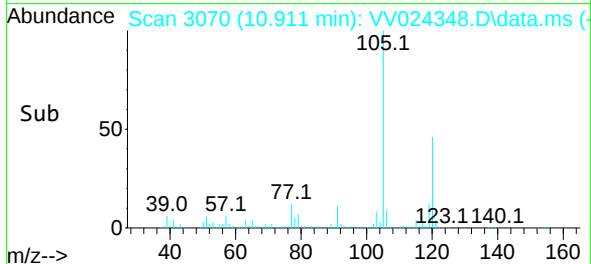
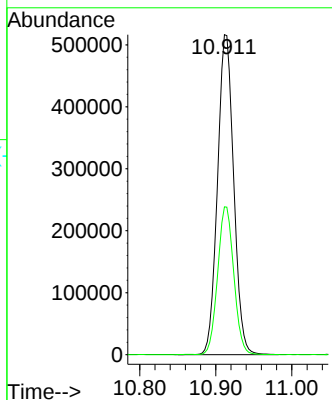
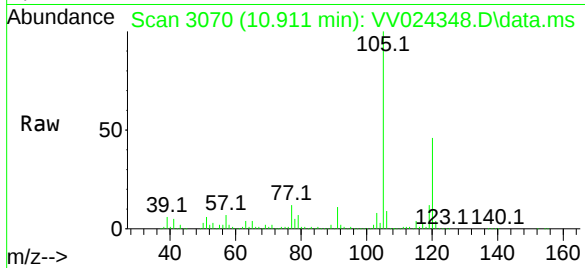




#63
1,2,4-Trimethylbenzene
Concen: 124.275 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

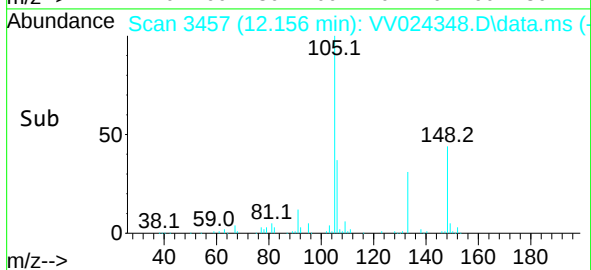
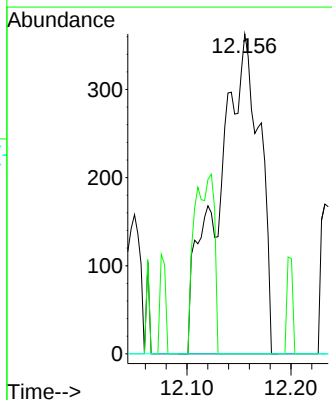
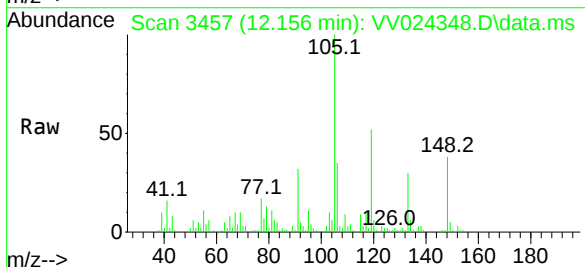
Instrument :
MSVOA_V
ClientSampleId :

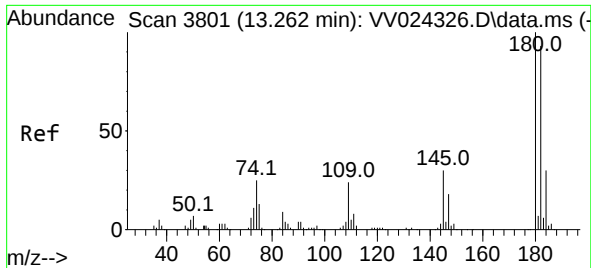
Tgt Ion:105 Resp: 763030
Ion Ratio Lower Upper
105 100
120 45.9 36.6 55.0



#68
1,2-Dibromo-3-chloropropane
Concen: 1.854 ug/L
RT: 12.156 min Scan# 3457
Delta R.T. -0.270 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

Tgt Ion: 75 Resp: 1013
Ion Ratio Lower Upper
75 100
155 0.0 73.2 109.8#
157 0.0 98.5 147.7#

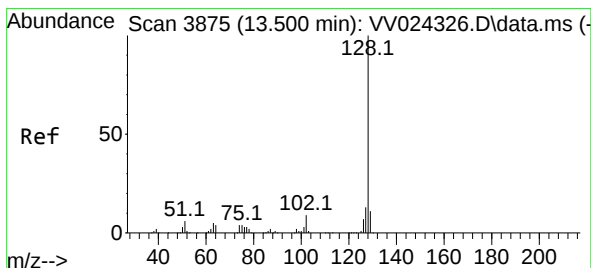
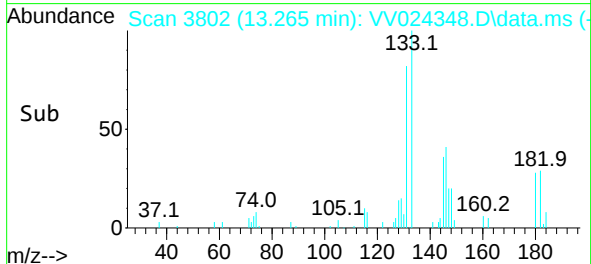
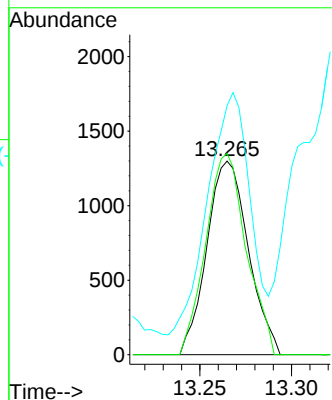
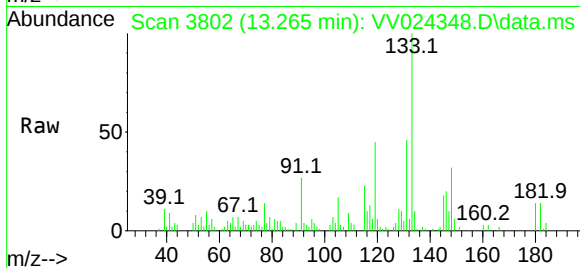




#70
1,2,4-trichlorobenzene
Concen: 0.843 ug/L
RT: 13.265 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 2045
Ion Ratio Lower Upper
180 100
182 101.3 75.6 113.4
145 126.9 23.9 35.9#



#71
Naphthalene
Concen: 5.717 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

Tgt Ion:128 Resp: 40114
Ion Ratio Lower Upper
128 100
127 14.3 10.6 16.0
129 13.2 8.7 13.1#

