

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011222\
 Data File : VW024333.D
 Acq On : 12 Jan 2022 16:25
 Operator : SY/MD
 Sample : N1084-08 100X
 Misc : 6.56g/5.0mL/100ul/5.0mL/MSVOA_V/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLN1

Quant Time: Jan 13 02:33:18 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	218056	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	211774	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	124826	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38172	24.324	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	48.640%#
7) Chloroethane-d5	1.568	69	35777	30.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.020%#
11) 1,1-Dichloroethene-d2	2.111	63	56799	19.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	38.740%#
21) 2-Butanone-d5	3.883	46	98852	113.059	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.060%
24) Chloroform-d	4.349	84	114380	39.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.760%
26) 1,2-Dichloroethane-d4	5.034	65	78107	40.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.340%
32) Benzene-d6	5.050	84	181376	32.820	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.640%#
36) 1,2-Dichloropropane-d6	6.069	67	63567	41.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.080%
41) Toluene-d8	7.317	98	154509	28.876	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	57.760%#
43) trans-1,3-Dichloroprop...	7.622	79	31606	35.439	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.880%
47) 2-Hexanone-d5	8.088	63	74930	111.356	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.360%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	128105	57.878	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.760%
66) 1,2-Dichlorobenzene-d4	11.625	152	109222	43.898	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.297	76	19868	5.152	ug/L	100
29) Cyclohexane	4.674	56	2669	1.410	ug/L #	35
33) Benzene	5.101	78	101487	18.847	ug/L	100
35) Methylcyclohexane	6.130	83	7350	3.337	ug/L	94
37) 1,2-Dichloropropane	6.069	63	7583	5.987	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2043	0.960	ug/L #	48
40) 4-Methyl-2-pentanone	7.239	43	3046	1.844	ug/L #	90
42) Toluene	7.387	91	313671	51.892	ug/L	97
45) 1,1,2-Trichloroethane	7.786	97	1126	0.793	ug/L #	16
52) Ethylbenzene	9.011	91	889353	137.722	ug/L	100
53) m,p-Xylene	9.136	106	1302483	503.193	ug/L	99
54) o-Xylene	9.541	106	290401	117.529	ug/L	100
55) Styrene	9.541	104	19261	4.489	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.236	83	17908	8.637	ug/L #	46
60) Isopropylbenzene	9.931	105	43329	6.273	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	321931	54.183	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	937410	158.034	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.464	75	3493	6.617	ug/L #	1
71) Naphthalene	13.500	128	1260585	185.974	ug/L	99

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

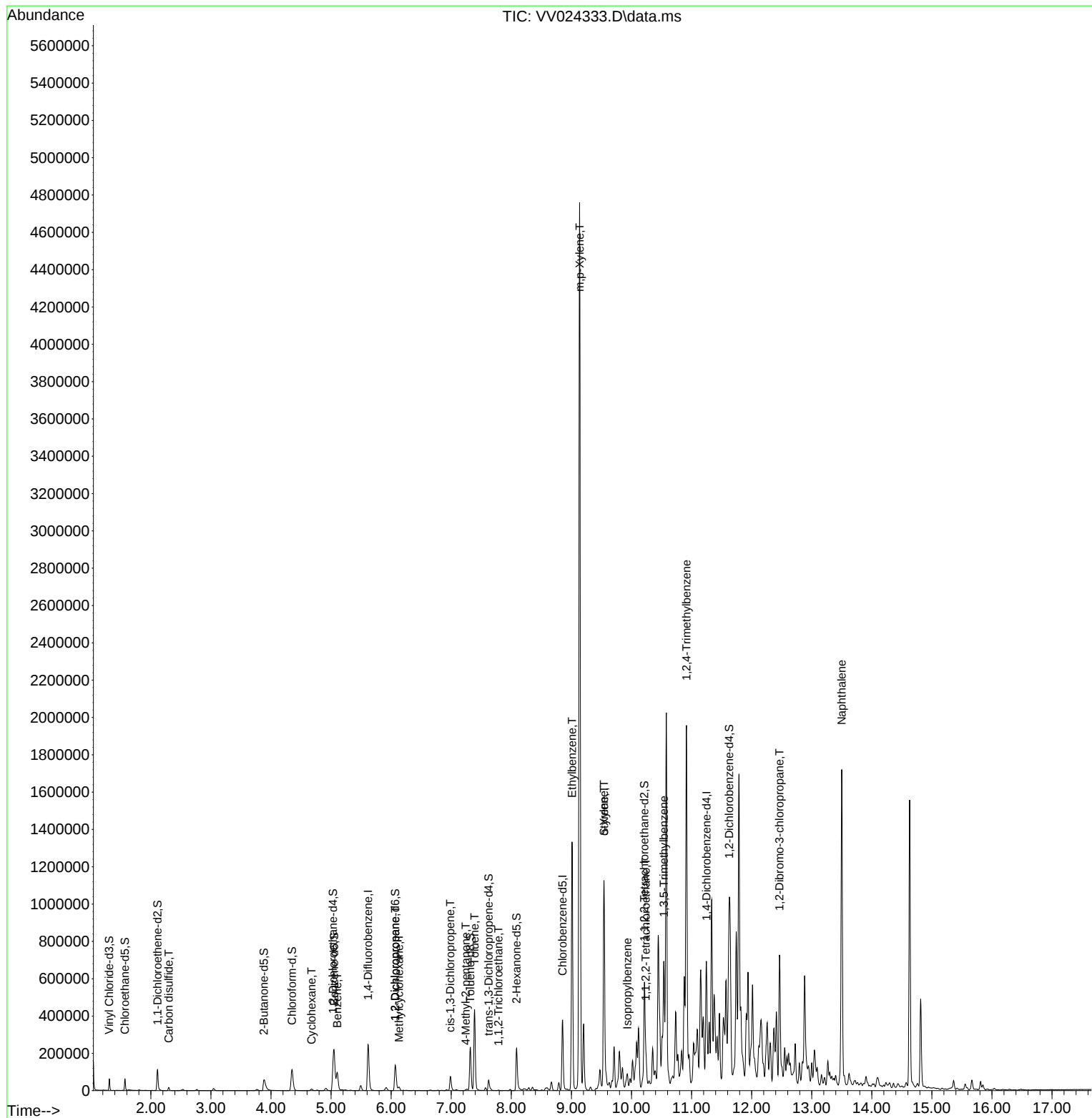
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

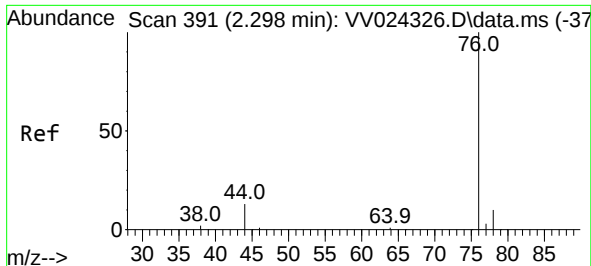
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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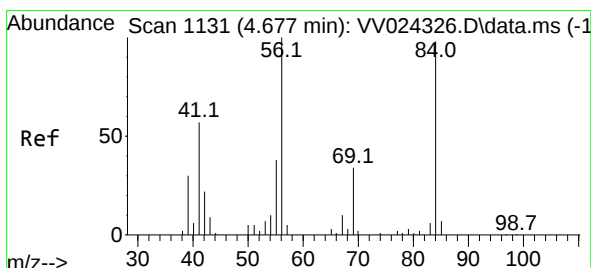
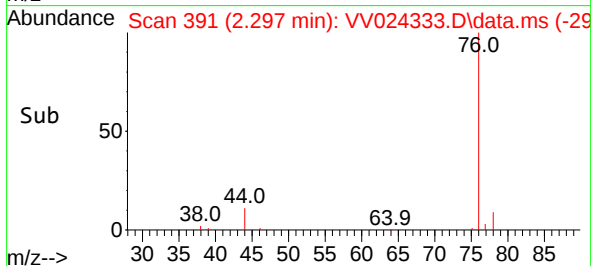
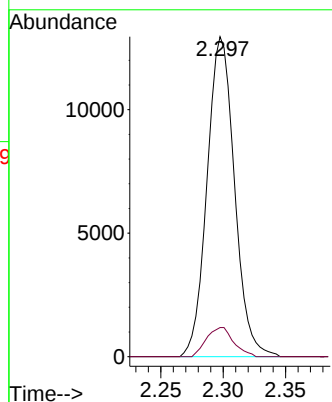
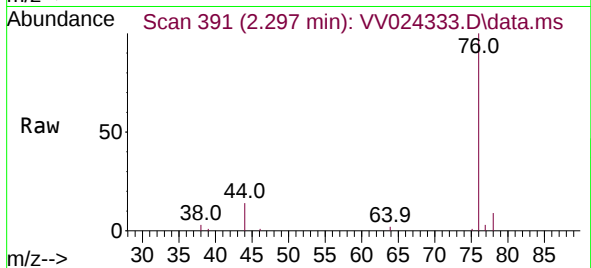




#14
Carbon disulfide
Concen: 5.152 ug/L
RT: 2.297 min Scan# 391
Delta R.T. -0.000 min
Lab File: VV024333.D
Acq: 12 Jan 2022 16:25

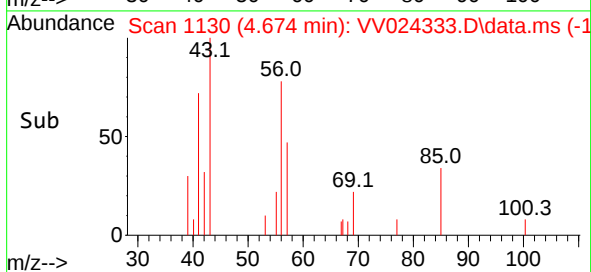
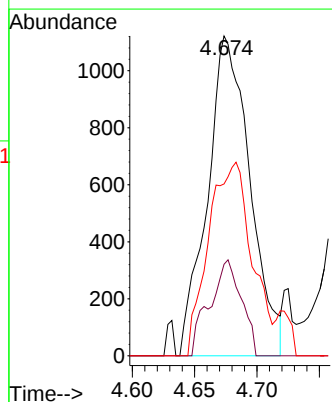
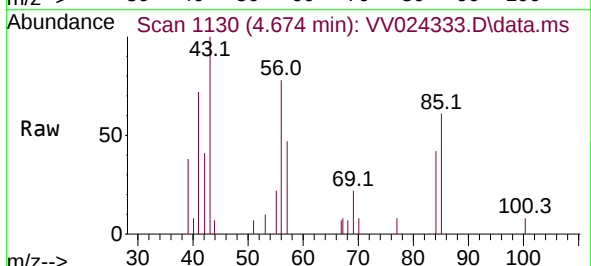
Instrument :
MSVOA_V
ClientSampleId :
BGLN1

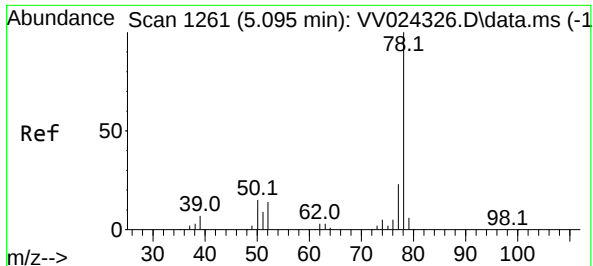
Tgt Ion: 76 Resp: 19868
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#29
Cyclohexane
Concen: 1.410 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VV024333.D
Acq: 12 Jan 2022 16:25

Tgt Ion: 56 Resp: 2669
Ion Ratio Lower Upper
56 100
69 18.0 25.8 38.6#
84 21.6 79.1 118.7#

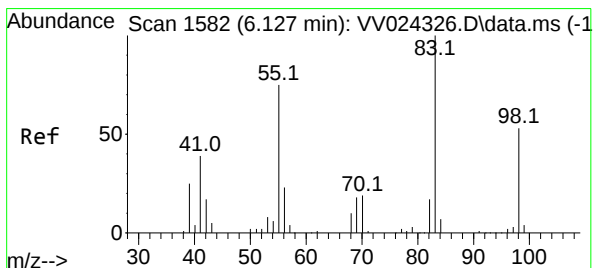
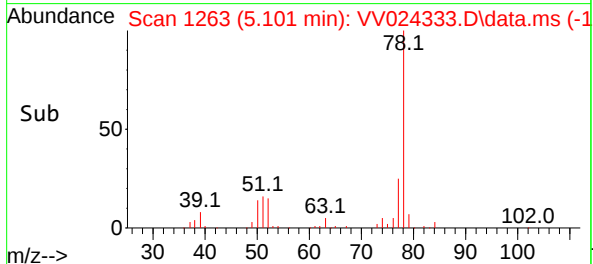
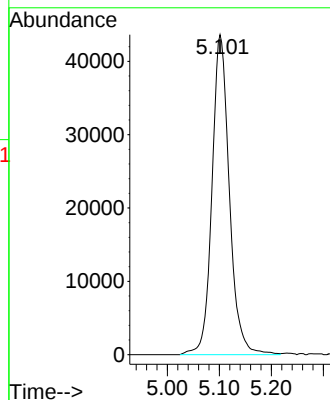
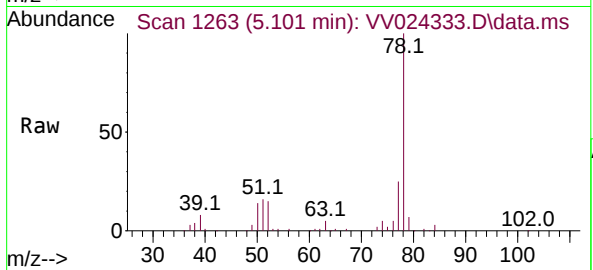




#33
Benzene
Concen: 18.847 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV024333.D
Acq: 12 Jan 2022 16:25

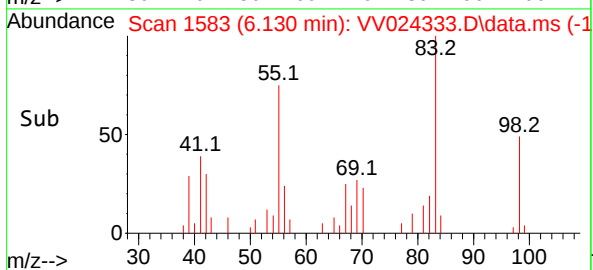
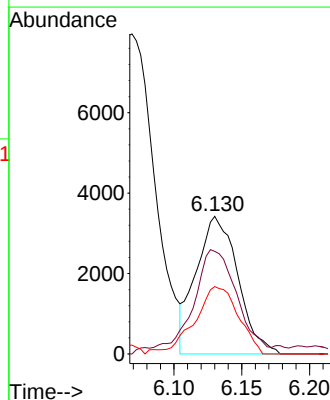
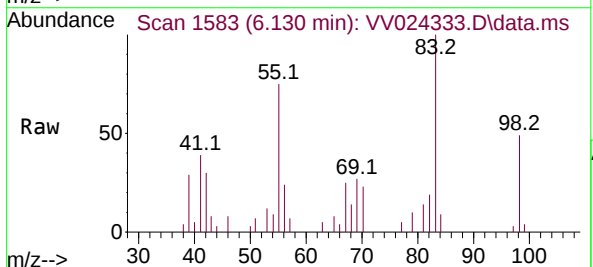
Instrument :
MSVOA_V
ClientSampleId :
BGLN1

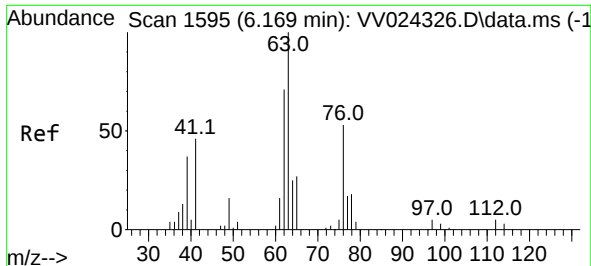
Tgt Ion: 78 Resp: 101487



#35
Methylcyclohexane
Concen: 3.337 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024333.D
Acq: 12 Jan 2022 16:25

Tgt Ion: 83 Resp: 7350
Ion Ratio Lower Upper
83 100
55 77.3 55.6 83.4
98 50.1 41.3 61.9





#37

1,2-Dichloropropane

Concen: 5.987 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024333.D

Acq: 12 Jan 2022 16:25

Instrument :

MSVOA_V

ClientSampleId :

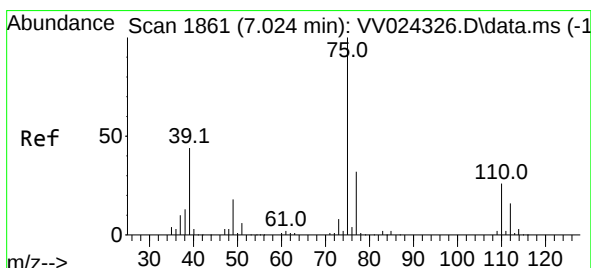
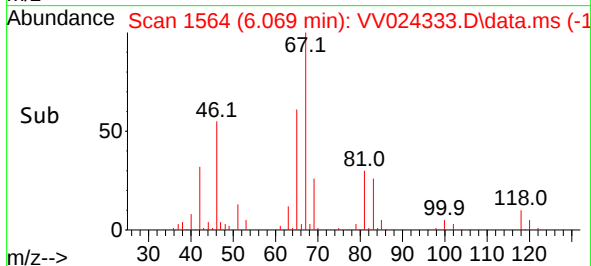
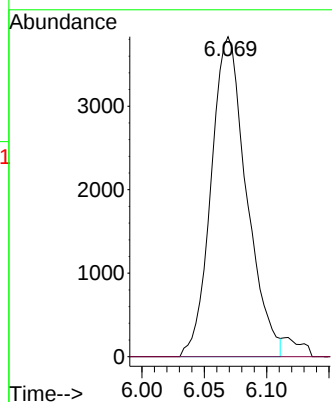
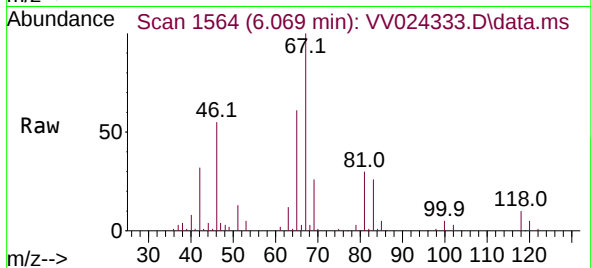
BGLN1

Tgt Ion: 63 Resp: 7583

Ion Ratio Lower Upper

63 100

112 0.9 4.7 7.1#



#39

cis-1,3-Dichloropropene

Concen: 0.960 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV024333.D

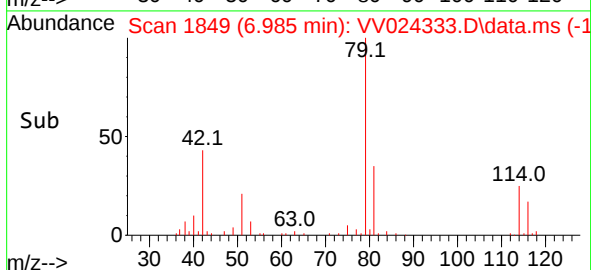
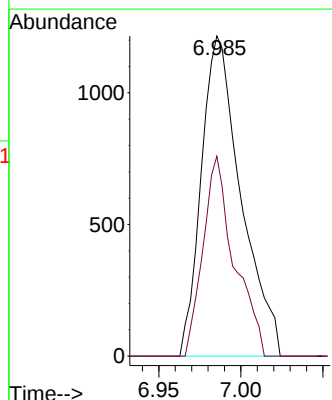
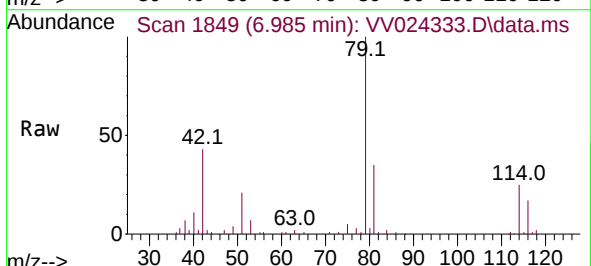
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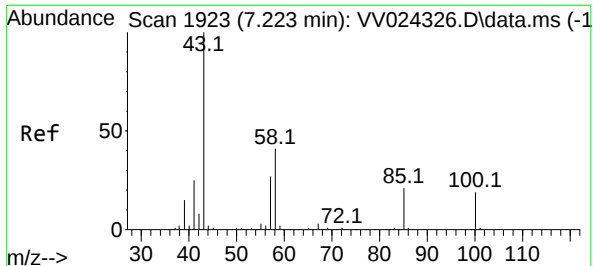
Tgt Ion: 75 Resp: 2043

Ion Ratio Lower Upper

75 100

77 62.4 23.0 42.8#





#40

4-Methyl-2-pentanone

Concen: 1.844 ug/L

RT: 7.239 min Scan# 1923

Delta R.T. 0.016 min

Lab File: VV024333.D

Acq: 12 Jan 2022 16:25

Instrument :

MSVOA_V

ClientSampleId :

BGLN1

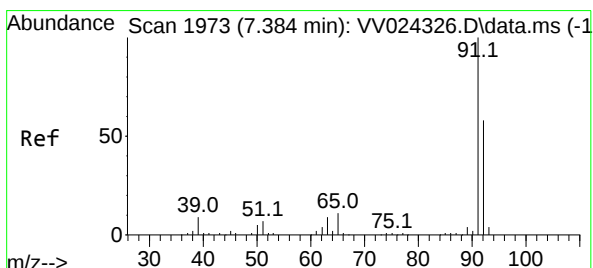
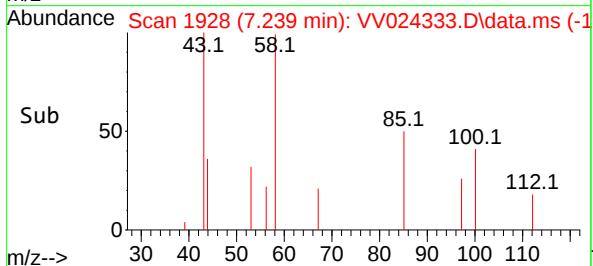
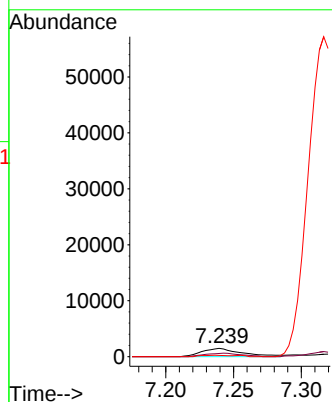
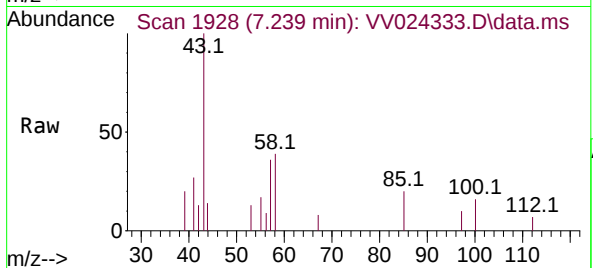
Tgt Ion: 43 Resp: 3046

Ion Ratio Lower Upper

43 100

58 37.7 33.0 49.4

100 11.7 16.0 24.0#



#42

Toluene

Concen: 51.892 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV024333.D

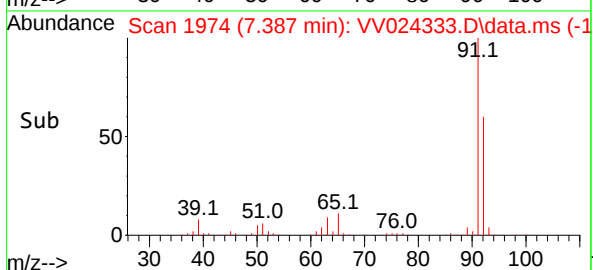
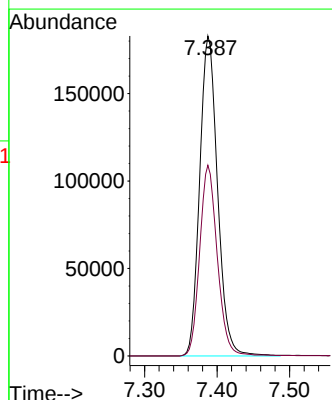
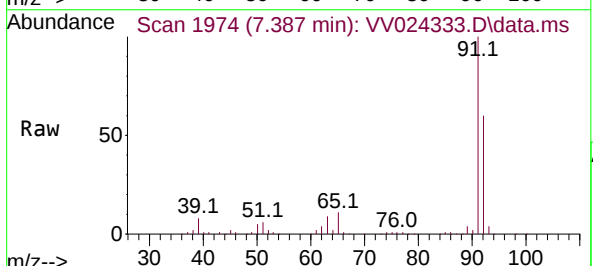
Acq: 12 Jan 2022 16:25

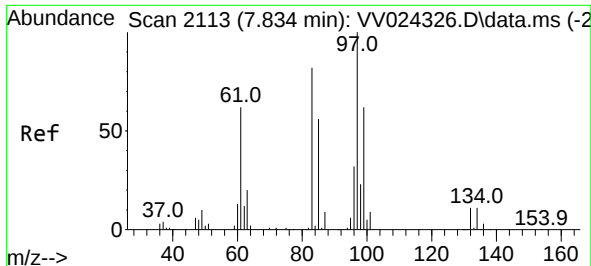
Tgt Ion: 91 Resp: 313671

Ion Ratio Lower Upper

91 100

92 59.6 40.4 75.0

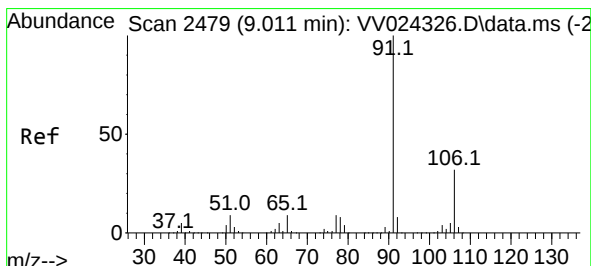
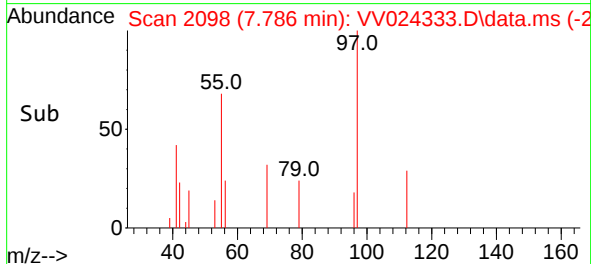
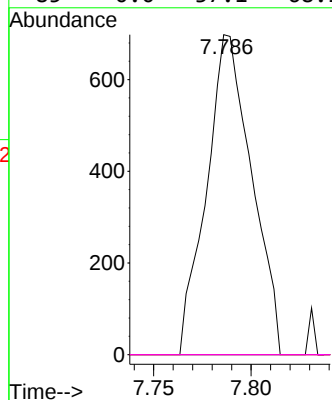
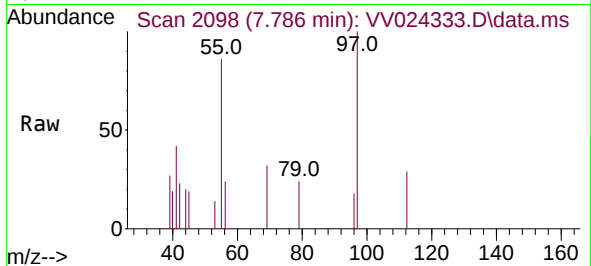




#45
1,1,2-Trichloroethane
Concen: 0.793 ug/L
RT: 7.786 min Scan# 2098
Delta R.T. -0.048 min
Lab File: VV024333.D
Acq: 12 Jan 2022 16:25

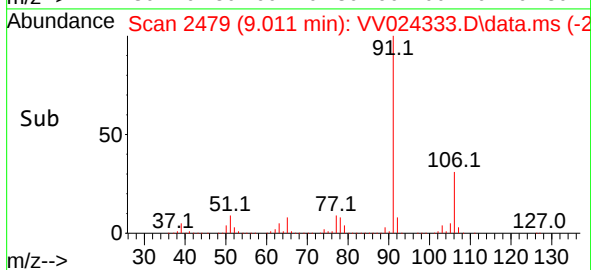
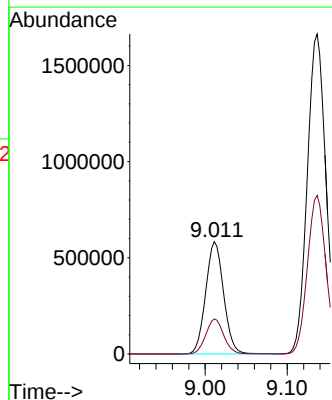
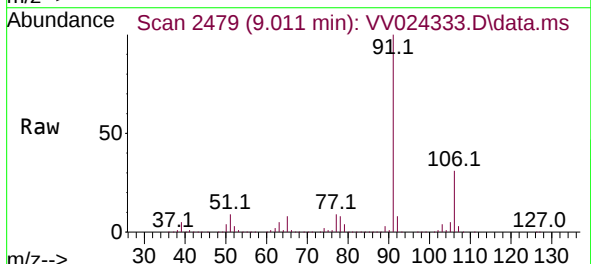
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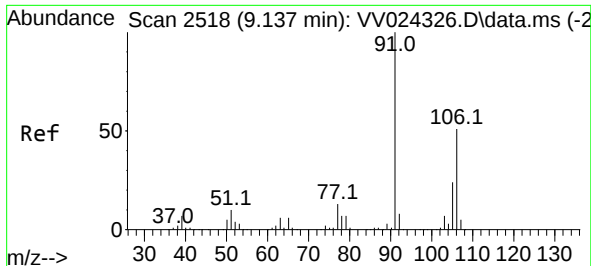
Tgt Ion: 97	Resp:	1126
Ion	Ratio	Lower Upper
97	100	
99	0.0	42.4 78.8#
83	0.0	57.9 107.5#
85	0.0	37.1 68.9#



#52
Ethylbenzene
Concen: 137.722 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
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Tgt Ion: 91	Resp:	889353
Ion	Ratio	Lower Upper
91	100	
106	31.3	22.0 41.0

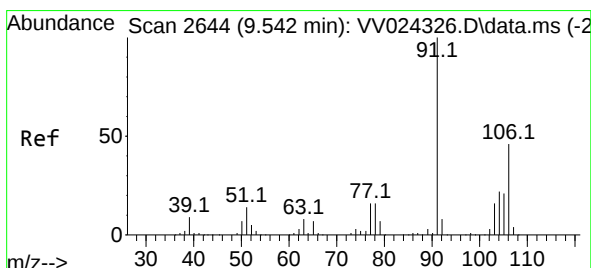
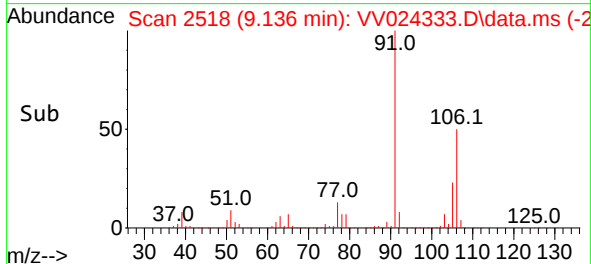
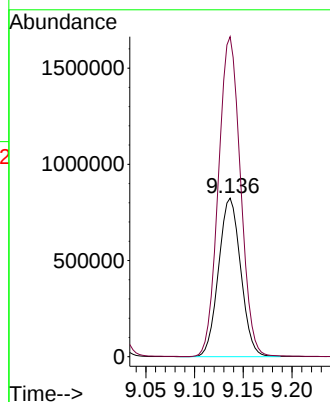
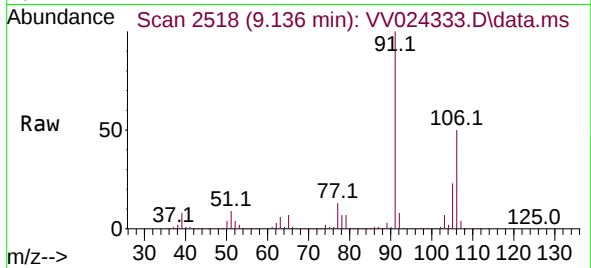




#53
m,p-Xylene
Concen: 503.193 ug/L
RT: 9.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024333.D
Acq: 12 Jan 2022 16:25

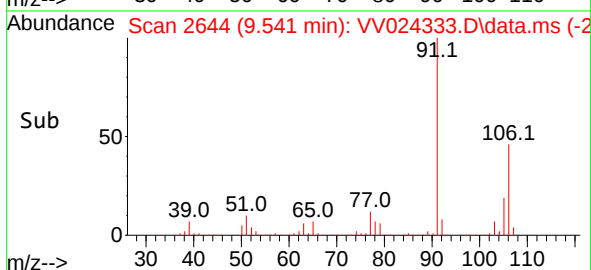
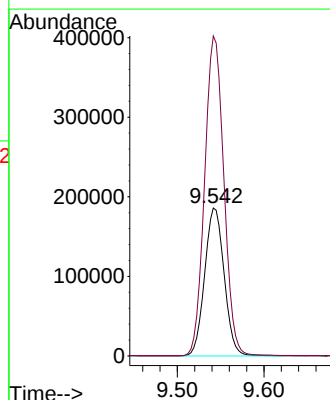
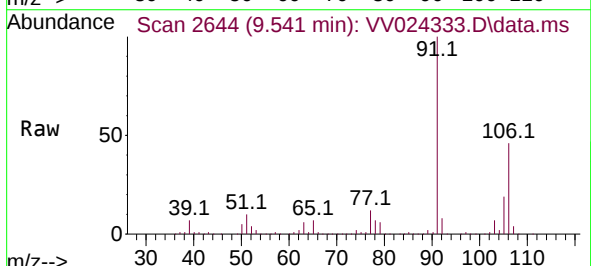
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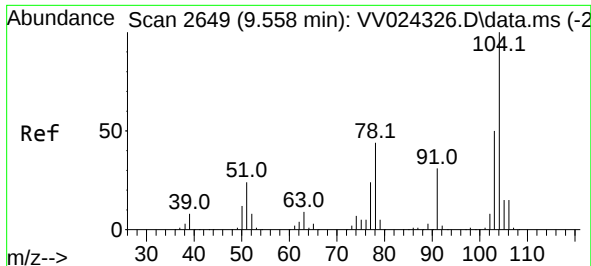
Tgt Ion:106 Resp: 1302483
Ion Ratio Lower Upper
106 100
91 201.8 141.8 263.4



#54
o-Xylene
Concen: 117.529 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024333.D
Acq: 12 Jan 2022 16:25

Tgt Ion:106 Resp: 290401
Ion Ratio Lower Upper
106 100
91 216.3 150.9 280.3

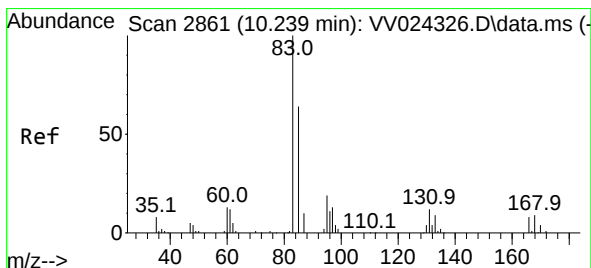
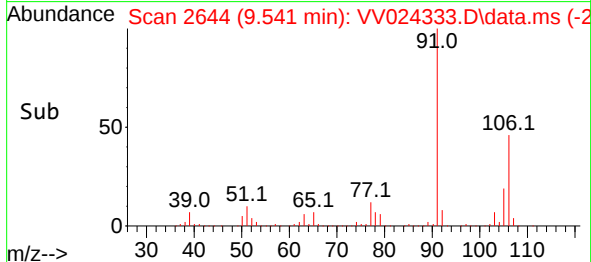
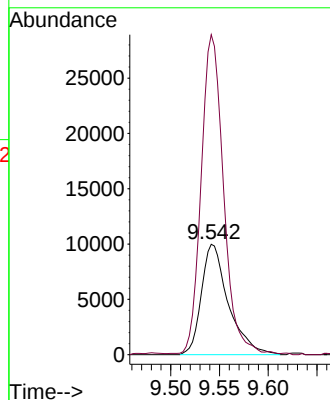
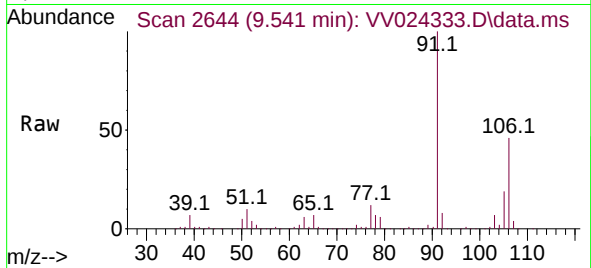




#55
Styrene
Concen: 4.489 ug/L
RT: 9.541 min Scan# 20
Delta R.T. -0.016 min
Lab File: VV024333.D
Acq: 12 Jan 2022 16:25

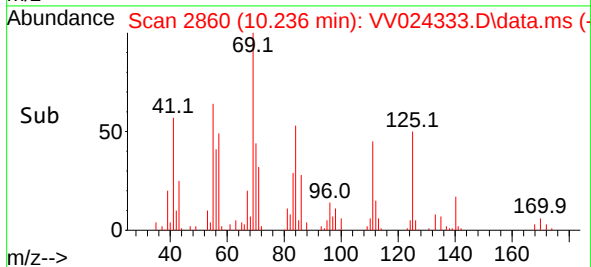
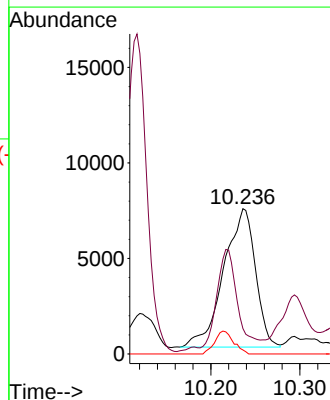
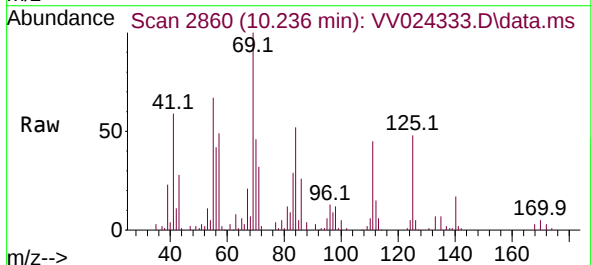
Instrument :
MSVOA_V
ClientSampleId :
BGLN1

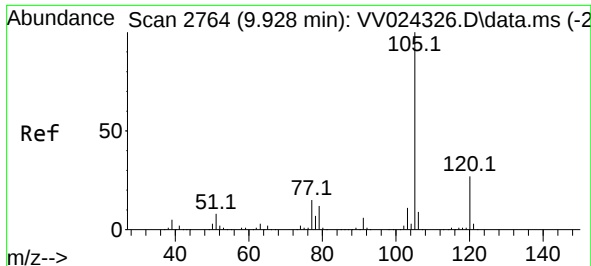
Tgt Ion:104 Resp: 19261
Ion Ratio Lower Upper
104 100
78 290.0 31.5 58.5#



#57
1,1,2,2-Tetrachloroethane
Concen: 8.637 ug/L
RT: 10.236 min Scan# 2860
Delta R.T. -0.003 min
Lab File: VV024333.D
Acq: 12 Jan 2022 16:25

Tgt Ion: 83 Resp: 17908
Ion Ratio Lower Upper
83 100
85 17.5 44.5 82.7#
131 2.8 9.2 13.8#

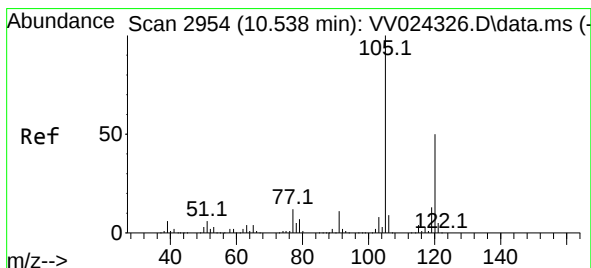
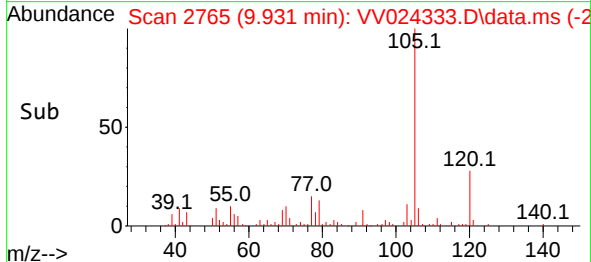
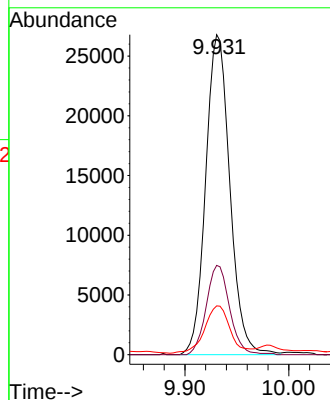
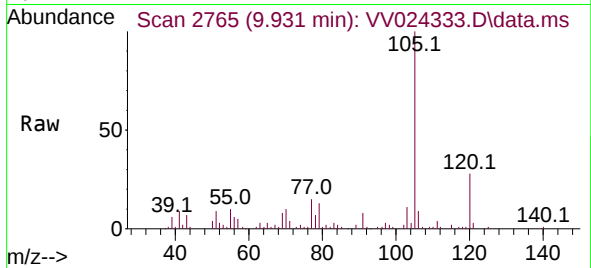




#60
Isopropylbenzene
Concen: 6.273 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024333.D
Acq: 12 Jan 2022 16:25

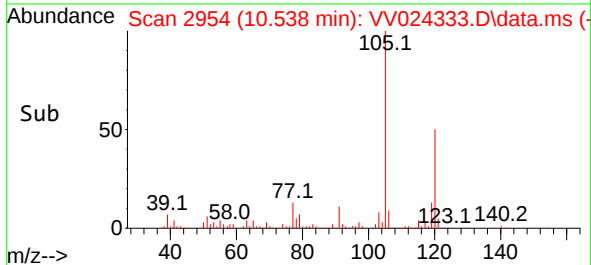
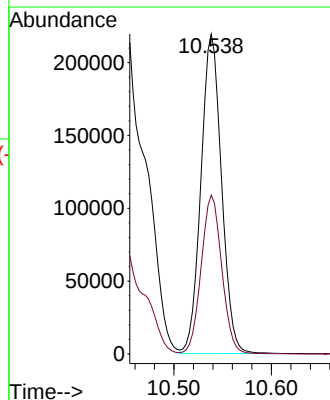
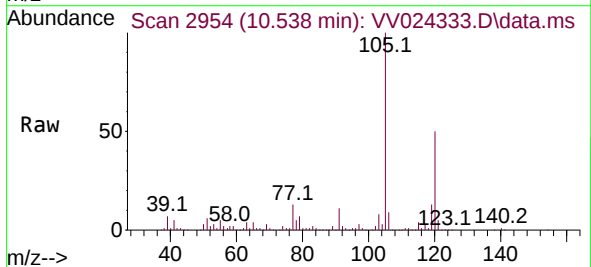
Instrument :
MSVOA_V
ClientSampleId :
BGLN1

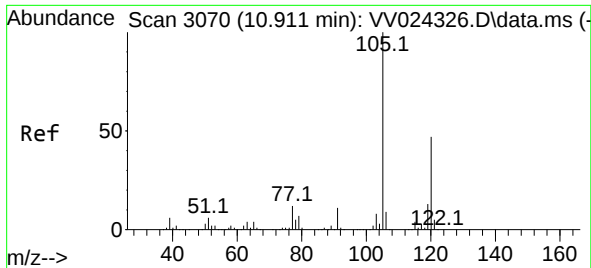
Tgt Ion:105 Resp: 43329
Ion Ratio Lower Upper
105 100
120 26.8 21.9 32.9
77 15.5 11.9 17.9



#62
1,3,5-Trimethylbenzene
Concen: 54.183 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV024333.D
Acq: 12 Jan 2022 16:25

Tgt Ion:105 Resp: 321931
Ion Ratio Lower Upper
105 100
120 49.4 39.4 59.2

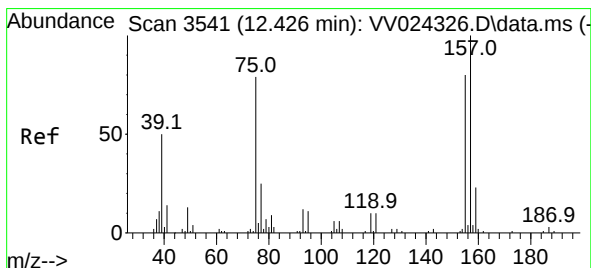
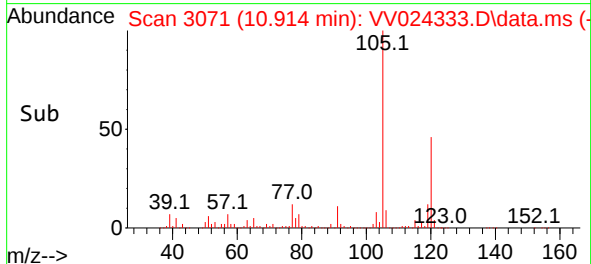
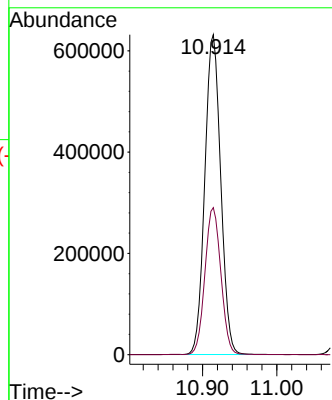
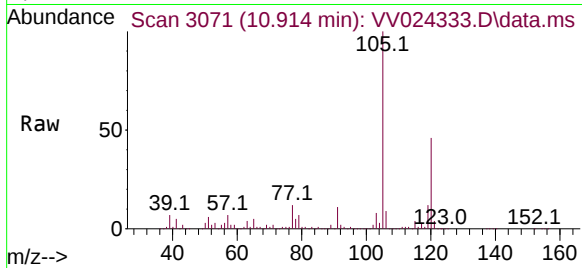




#63
1,2,4-Trimethylbenzene
Concen: 158.034 ug/L
RT: 10.914 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VV024333.D
Acq: 12 Jan 2022 16:25

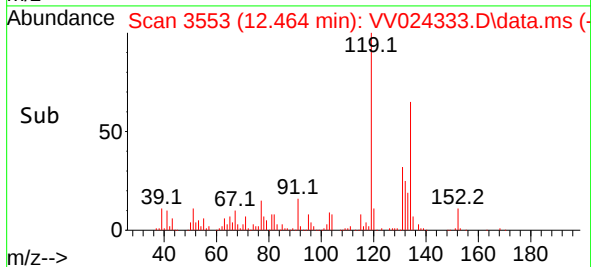
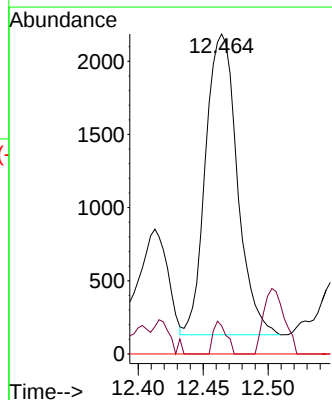
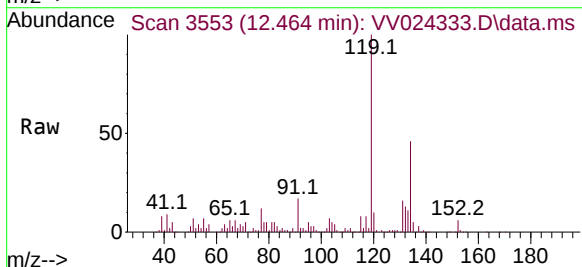
Instrument :
MSVOA_V
ClientSampleId :
BGLN1

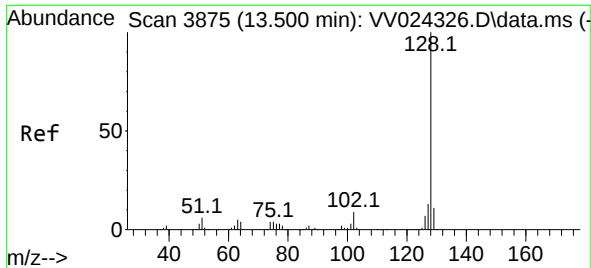
Tgt Ion:105 Resp: 937410
Ion Ratio Lower Upper
105 100
120 46.0 36.6 55.0



#68
1,2-Dibromo-3-chloropropane
Concen: 6.617 ug/L
RT: 12.464 min Scan# 3553
Delta R.T. 0.038 min
Lab File: VV024333.D
Acq: 12 Jan 2022 16:25

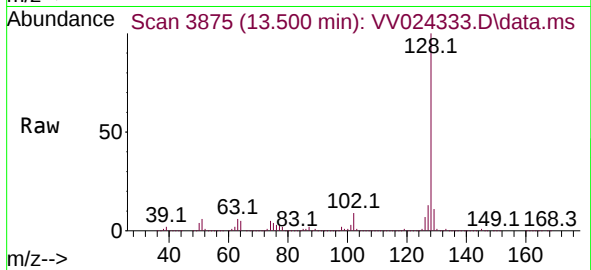
Tgt Ion: 75 Resp: 3493
Ion Ratio Lower Upper
75 100
155 8.8 73.2 109.8#
157 0.0 98.5 147.7#





#71
Naphthalene
Concen: 185.974 ug/L
RT: 13.500 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024333.D
Acq: 12 Jan 2022 16:25

Instrument :
MSVOA_V
ClientSampleId :
BGLN1



Tgt Ion:128 Resp: 1260585
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.7 13.1

