

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031344.D
 Acq On : 05 Jun 2023 14:06
 Operator : SY/MD
 Sample : 03000-05 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C29

Quant Time: Jun 06 02:08:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 06 02:05:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	135000	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	128257	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	66340	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	49771	3.624	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.400%	
7) Chloroethane-d5	1.532	69	45296	3.905	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.000%	
11) 1,1-Dichloroethene-d2	2.056	65	25574	3.836	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.800%	
20) 2-Butanone-d5	3.822	46	97489	30.672	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	61.340%	
24) Chloroform-d	4.256	84	103061	4.464	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	4.950	65	53374	4.310	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.200%	
32) Benzene-d6	4.966	84	189925	4.871	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
36) 1,2-Dichloropropane-d6	5.995	67	61876	4.698	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.000%	
41) Toluene-d8	7.249	98	151056	4.125	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
43) trans-1,3-Dichloroprop...	7.561	79	20323	4.239	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.800%	
46) 2-Hexanone-d5	8.034	63	74487	38.672	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.340%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	42483	4.243	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.800%	
66) 1,2-Dichlorobenzene-d4	11.567	152	59084	4.722	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.400%	
Target Compounds						
5) Vinyl chloride	1.282	62	7082	0.394	ug/L	89
16) Methylene chloride	2.446	84	8924	0.582	ug/L	93
18) trans-1,2-Dichloroethene	2.700	96	4680	0.391	ug/L	90
22) cis-1,2-Dichloroethene	3.818	96	213089	17.581	ug/L	99
30) Cyclohexane	4.587	56	503018	25.981	ug/L	95
33) Benzene	5.011	78	765759	16.776	ug/L	100
34) Trichloroethene	5.834	95	351337	28.500	ug/L	97
35) Methylcyclohexane	6.053	83	238702	13.007	ug/L	96
42) Toluene	7.326	91	10284	0.212	ug/L	99
47) Tetrachloroethene	7.912	164	66660	6.939	ug/L	99
52) Ethylbenzene	8.953	91	170878	3.373	ug/L	98
53) m,p-Xylene	9.079	106	219980	12.069	ug/L	98
54) o-Xylene	9.484	106	29845	1.747	ug/L	97
60) Isopropylbenzene	9.873	105	25852	0.542	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	38517	0.997	ug/L	95
63) 1,2,4-Trimethylbenzene	10.857	105	89286	2.240	ug/L	95

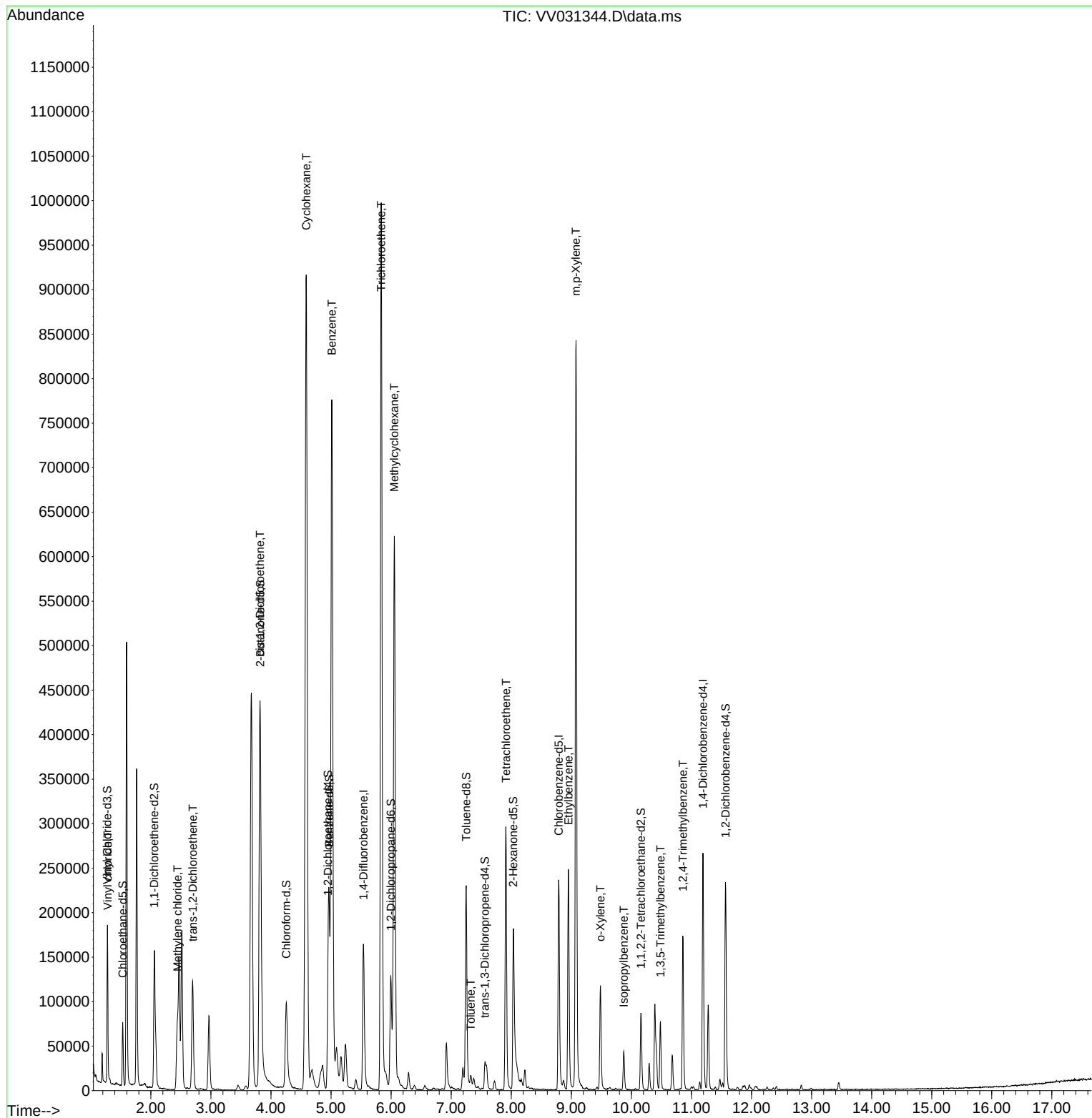
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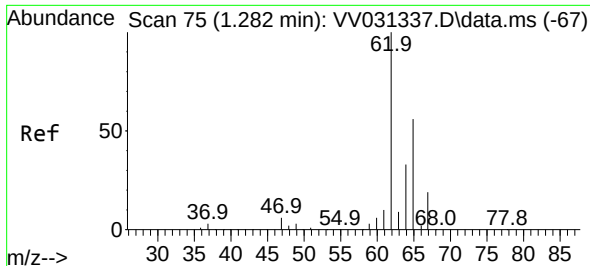
Instrument :
MSVOA_V
ClientSampleId :
F6C29

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
Data File : VV031344.D
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 06 02:08:06 2023
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jun 06 02:05:53 2023
Response via : Initial Calibration

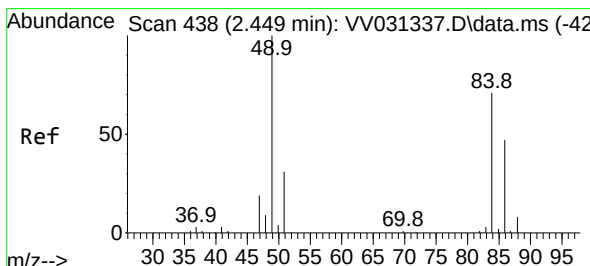
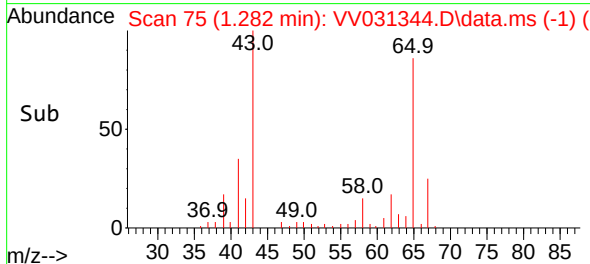
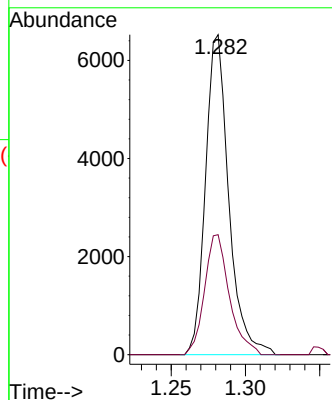
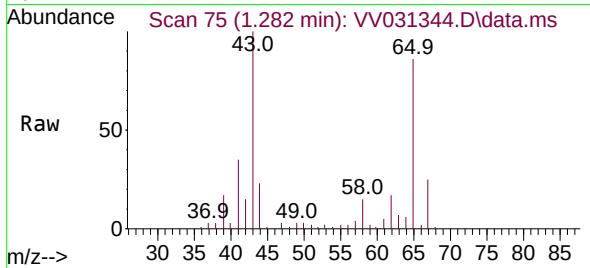




#5
 Vinyl chloride
 Concen: 0.394 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV031344.D
 Acq: 05 Jun 2023 14:06

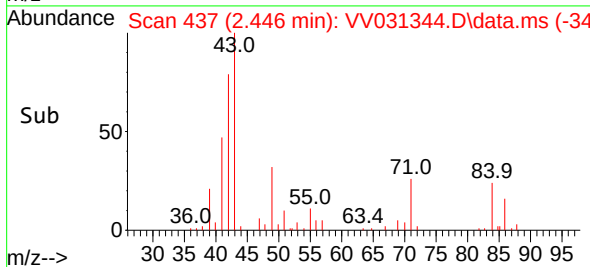
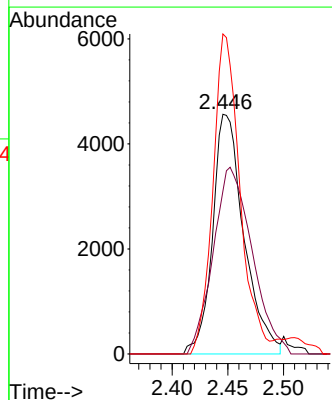
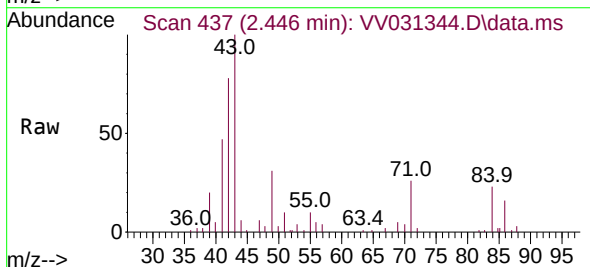
Instrument :
 MSVOA_V
 ClientSampleId :
 F6C29

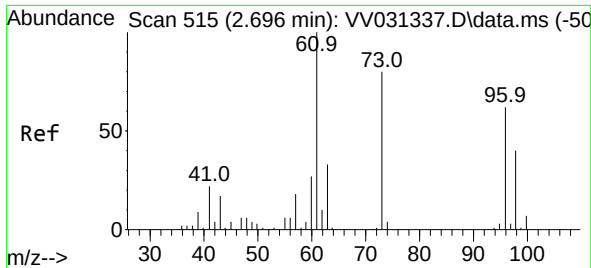
Tgt Ion: 62 Resp: 7082
 Ion Ratio Lower Upper
 62 100
 64 37.5 22.0 40.8



#16
 Methylene chloride
 Concen: 0.582 ug/L
 RT: 2.446 min Scan# 437
 Delta R.T. -0.003 min
 Lab File: VV031344.D
 Acq: 05 Jun 2023 14:06

Tgt Ion: 84 Resp: 8924
 Ion Ratio Lower Upper
 84 100
 86 68.0 46.7 86.7
 49 133.5 101.6 188.8

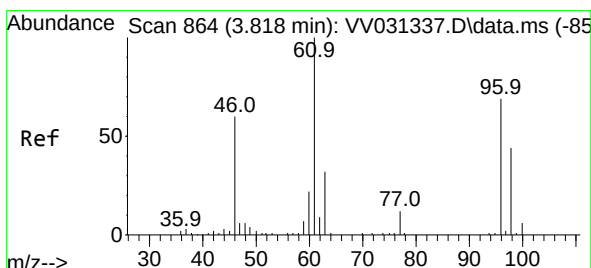
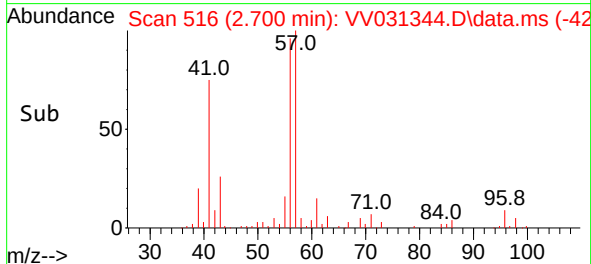
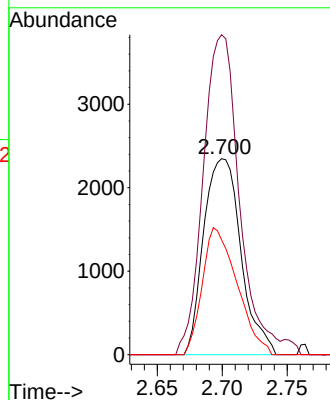
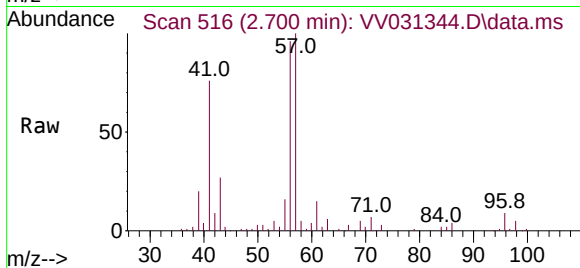




#18
trans-1,2-Dichloroethene
Concen: 0.391 ug/L
RT: 2.700 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV031344.D
Acq: 05 Jun 2023 14:06

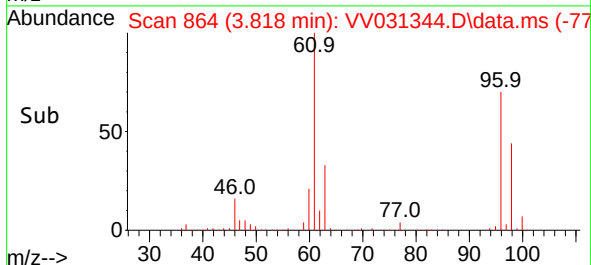
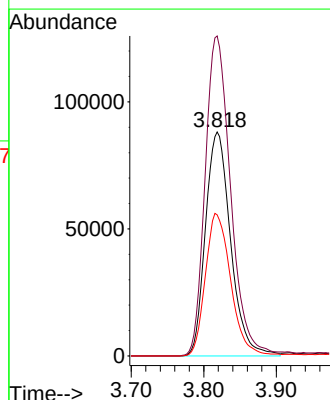
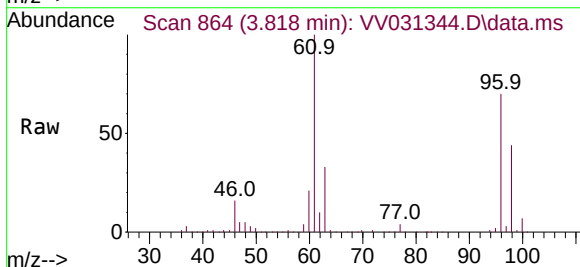
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MSVOA_V
ClientSampleId :
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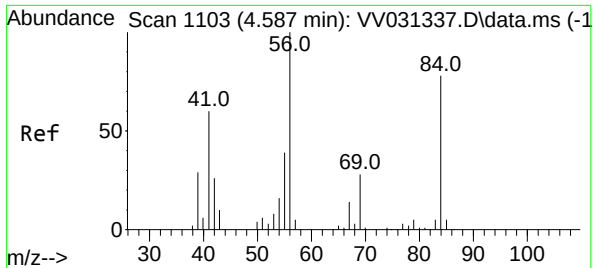
Tgt Ion: 96 Resp: 4680
Ion Ratio Lower Upper
96 100
61 151.9 114.2 212.0
98 54.5 45.0 83.6



#22
cis-1,2-Dichloroethene
Concen: 17.581 ug/L
RT: 3.818 min Scan# 864
Delta R.T. -0.000 min
Lab File: VV031344.D
Acq: 05 Jun 2023 14:06

Tgt Ion: 96 Resp: 213089
Ion Ratio Lower Upper
96 100
61 142.9 100.8 187.2
98 63.0 45.1 83.9

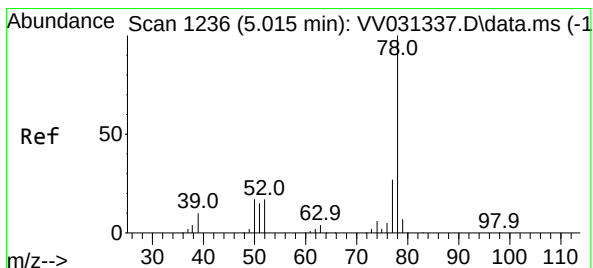
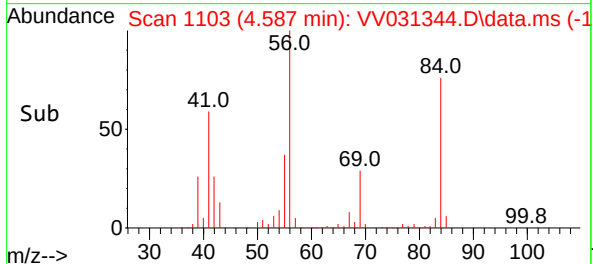
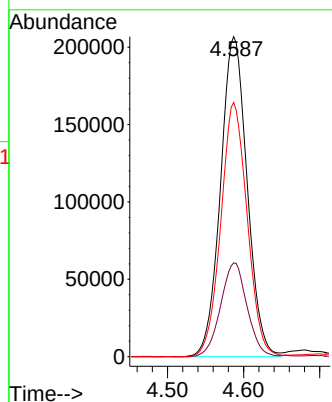
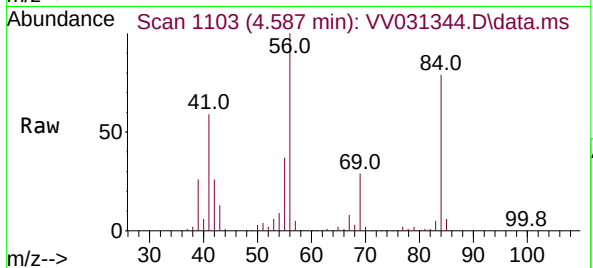




#30
Cyclohexane
Concen: 25.981 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VV031344.D
Acq: 05 Jun 2023 14:06

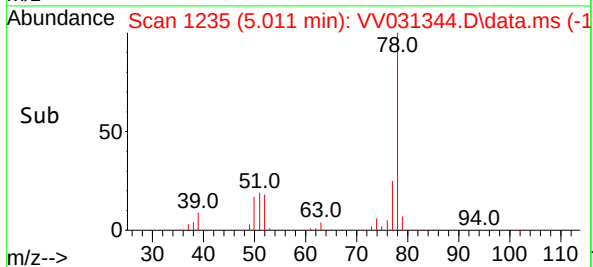
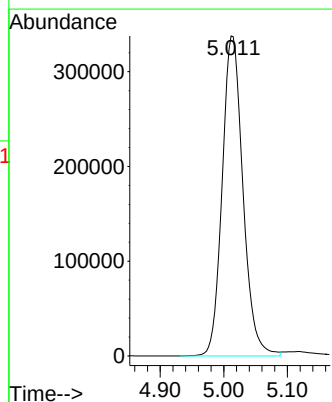
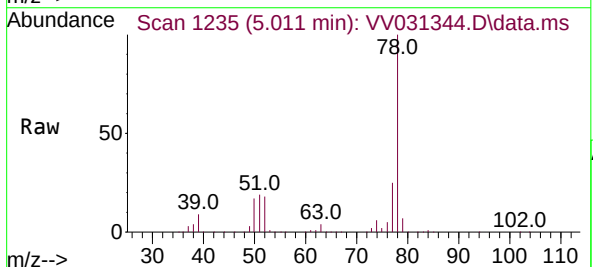
Instrument :
MSVOA_V
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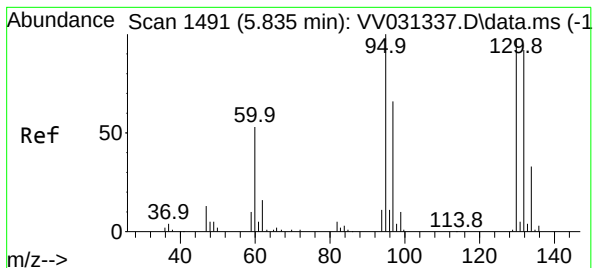
Tgt Ion: 56 Resp: 503018
Ion Ratio Lower Upper
56 100
69 29.1 23.2 34.8
84 78.5 58.5 87.7



#33
Benzene
Concen: 16.776 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VV031344.D
Acq: 05 Jun 2023 14:06

Tgt Ion: 78 Resp: 765759





#34

Trichloroethene

Concen: 28.500 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV031344.D

Acq: 05 Jun 2023 14:06

Instrument :

MSVOA_V

ClientSampleId :

F6C29

Tgt Ion: 95 Resp: 351337

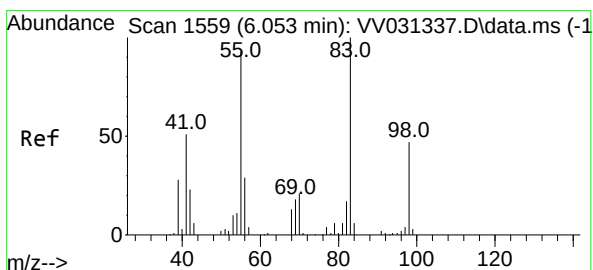
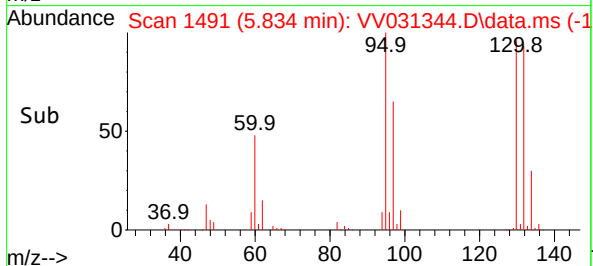
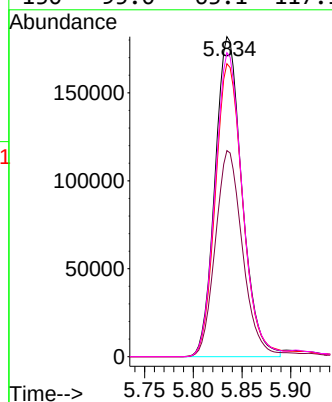
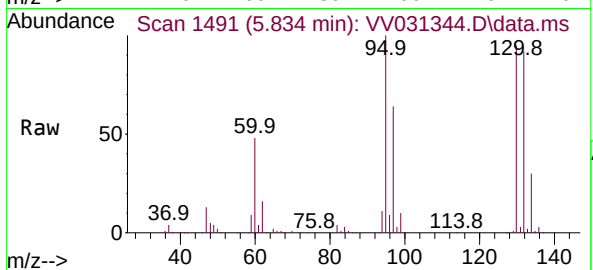
Ion Ratio Lower Upper

95 100

97 64.4 46.1 85.5

132 91.6 64.5 119.9

130 95.0 63.1 117.1



#35

Methylcyclohexane

Concen: 13.007 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VV031344.D

Acq: 05 Jun 2023 14:06

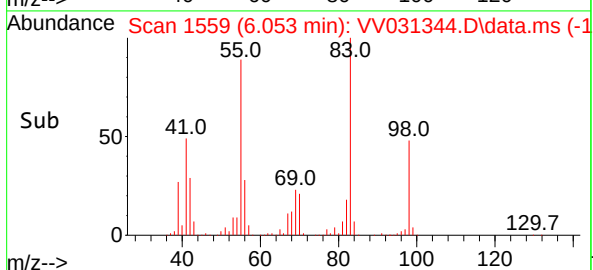
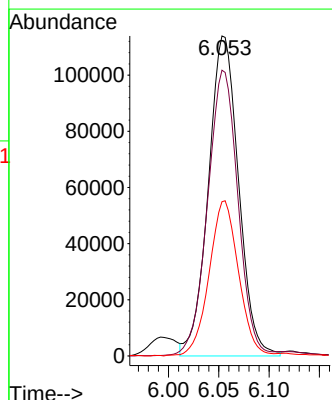
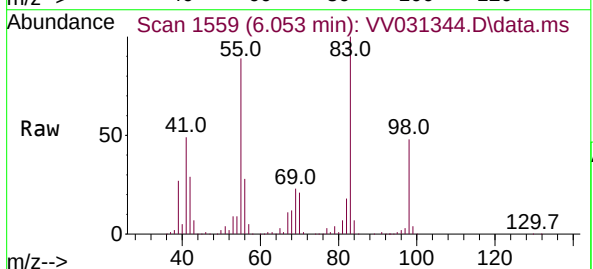
Tgt Ion: 83 Resp: 238702

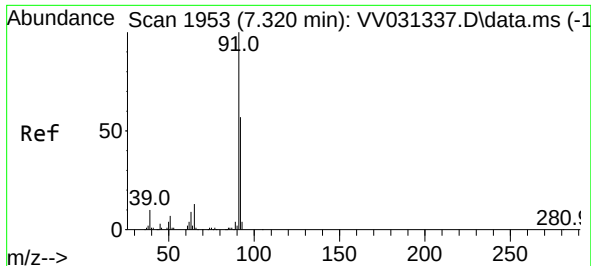
Ion Ratio Lower Upper

83 100

55 89.2 74.6 112.0

98 47.1 36.5 54.7





#42

Toluene

Concen: 0.212 ug/L

RT: 7.326 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VV031344.D

Acq: 05 Jun 2023 14:06

Instrument :

MSVOA_V

ClientSampleId :

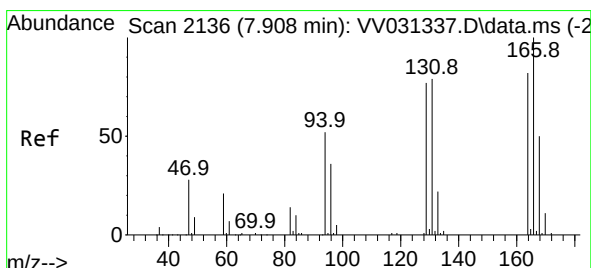
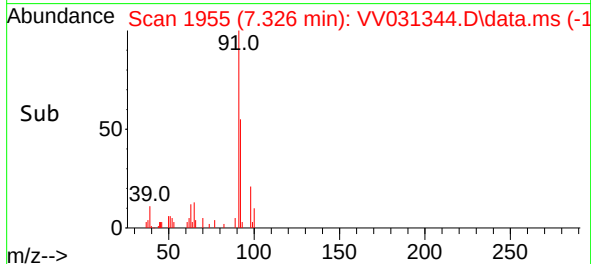
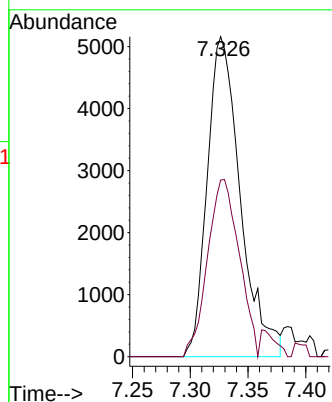
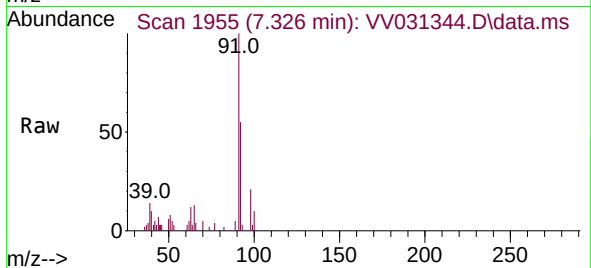
F6C29

Tgt Ion: 91 Resp: 10284

Ion Ratio Lower Upper

91 100

92 55.2 39.2 72.8



#47

Tetrachloroethene

Concen: 6.939 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV031344.D

Acq: 05 Jun 2023 14:06

Tgt Ion: 164 Resp: 66660

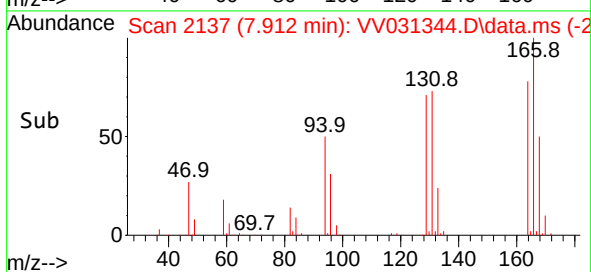
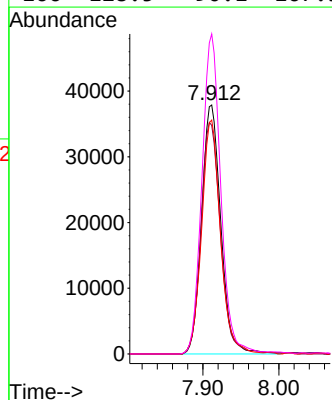
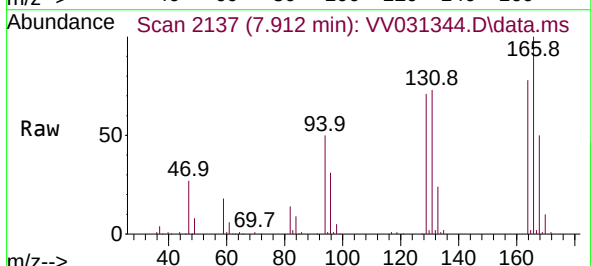
Ion Ratio Lower Upper

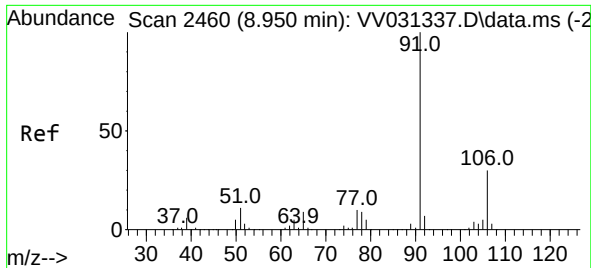
164 100

129 91.8 66.0 122.6

131 93.9 65.3 121.3

166 128.5 90.1 167.3

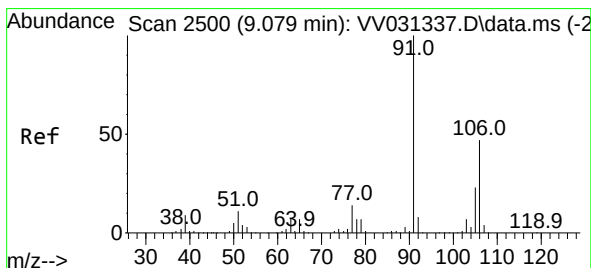
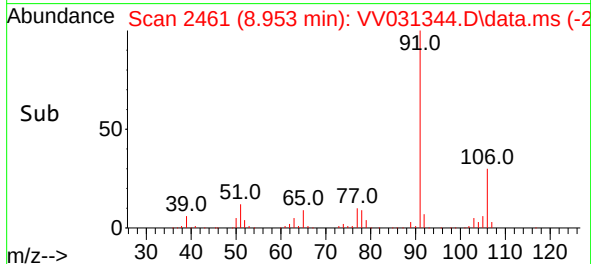
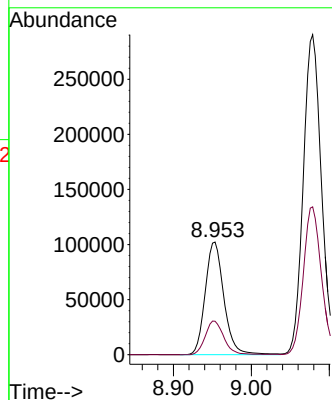
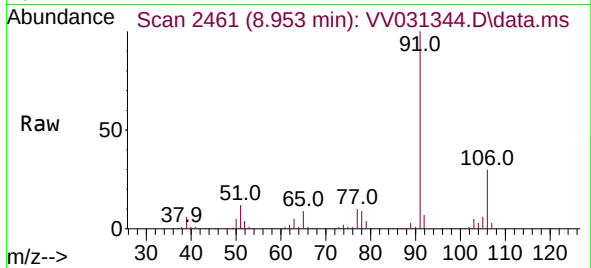




#52
Ethylbenzene
Concen: 3.373 ug/L
RT: 8.953 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV031344.D
Acq: 05 Jun 2023 14:06

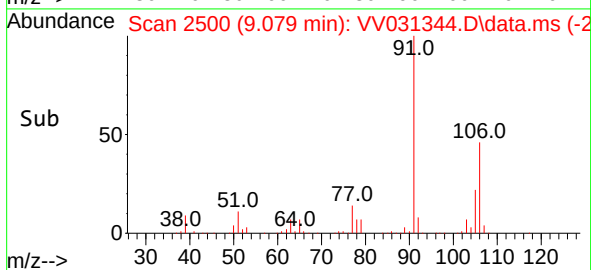
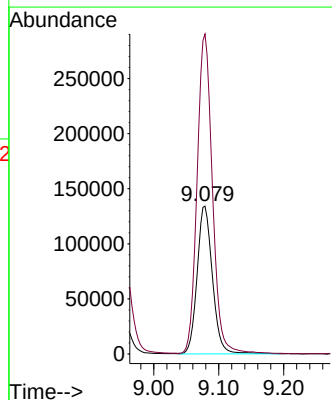
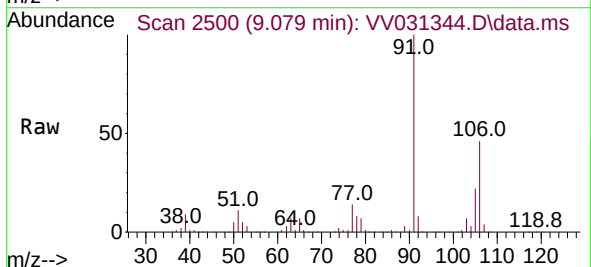
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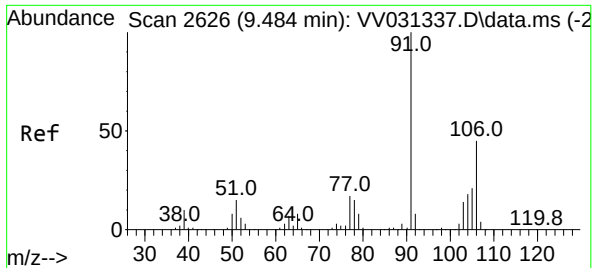
Tgt Ion: 91 Resp: 170878
Ion Ratio Lower Upper
91 100
106 29.7 20.0 37.2



#53
m,p-Xylene
Concen: 12.069 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV031344.D
Acq: 05 Jun 2023 14:06

Tgt Ion:106 Resp: 219980
Ion Ratio Lower Upper
106 100
91 216.5 154.3 286.5

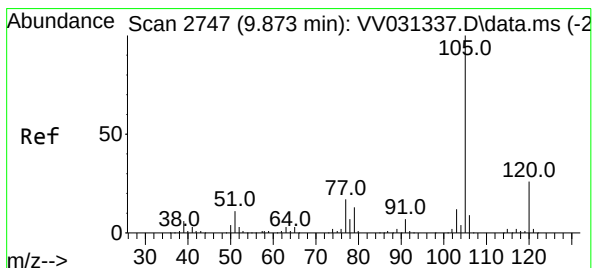
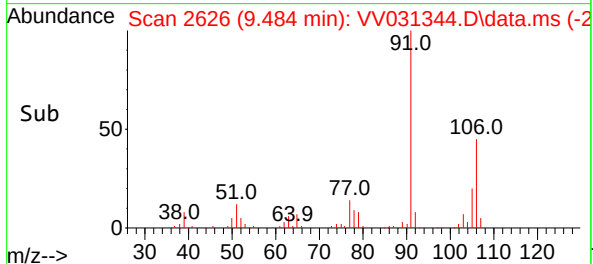
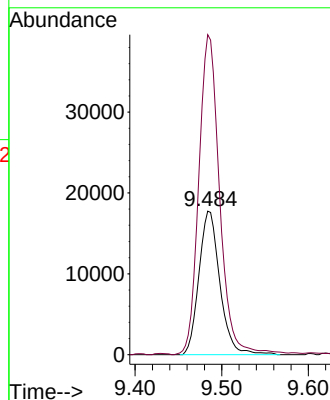
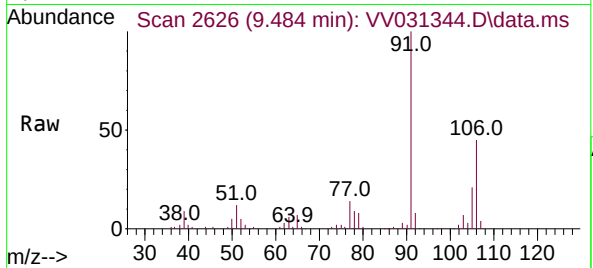




#54
o-Xylene
Concen: 1.747 ug/L
RT: 9.484 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV031344.D
Acq: 05 Jun 2023 14:06

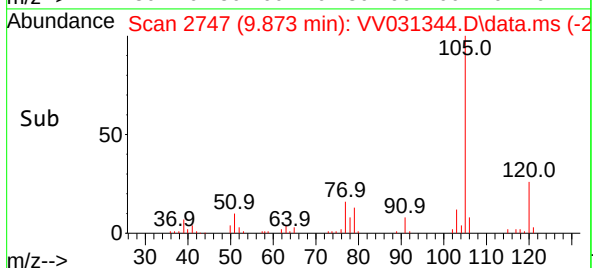
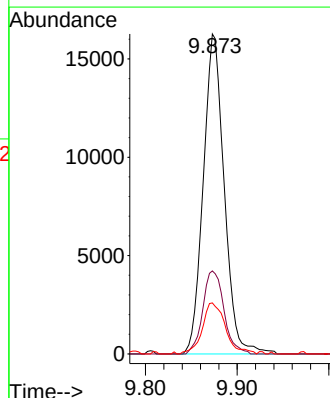
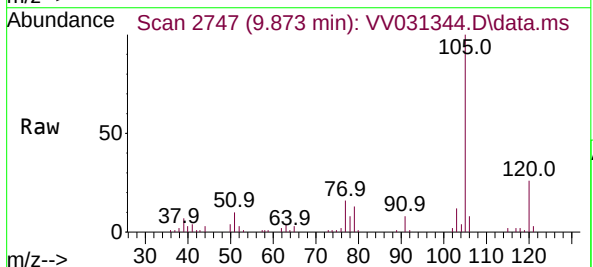
Instrument :
MSVOA_V
ClientSampleId :
F6C29

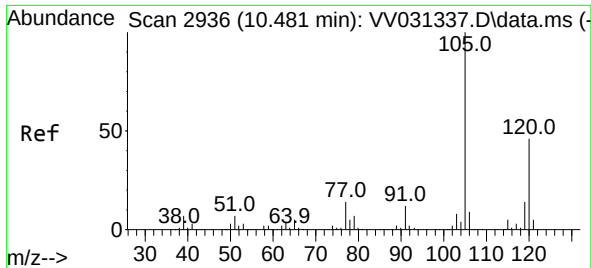
Tgt Ion:106 Resp: 29845
Ion Ratio Lower Upper
106 100
91 222.8 159.0 295.4



#60
Isopropylbenzene
Concen: 0.542 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. -0.000 min
Lab File: VV031344.D
Acq: 05 Jun 2023 14:06

Tgt Ion:105 Resp: 25852
Ion Ratio Lower Upper
105 100
120 26.2 19.9 29.9
77 17.6 14.2 21.2

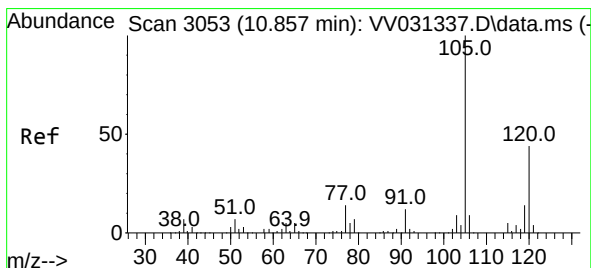
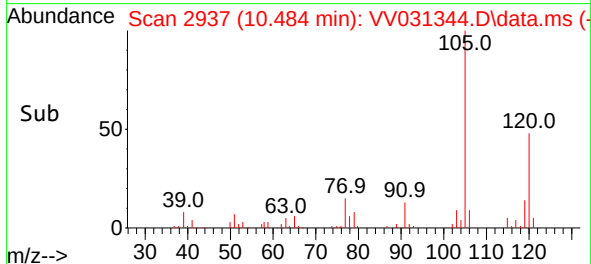
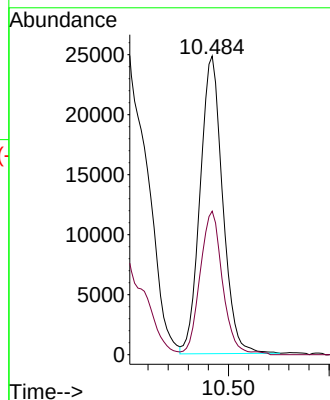
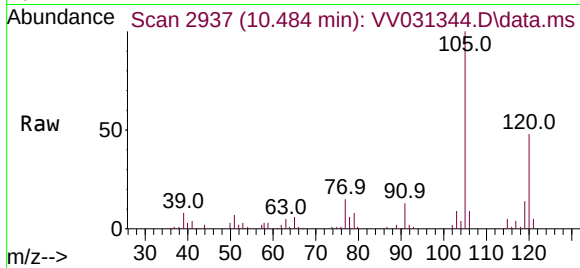




#62
1,3,5-Trimethylbenzene
Concen: 0.997 ug/L
RT: 10.484 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VV031344.D
Acq: 05 Jun 2023 14:06

Instrument :
MSVOA_V
ClientSampleId :
F6C29

Tgt Ion:105 Resp: 38517
Ion Ratio Lower Upper
105 100
120 48.2 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 2.240 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VV031344.D
Acq: 05 Jun 2023 14:06

Tgt Ion:105 Resp: 89286
Ion Ratio Lower Upper
105 100
120 44.8 33.2 49.8

