

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028933.D
 Acq On : 14 Nov 2022 13:07
 Operator : SY/MD
 Sample : N5590-11DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBMY2DL

Quant Time: Nov 15 00:03:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 00:01:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	266546	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	237769	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	117467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	62492	3.846	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.568	69	61995	4.340	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.105	63	91063	3.075	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.600%
20) 2-Butanone-d5	3.886	46	148515	54.598	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.200%
24) Chloroform-d	4.342	84	155243	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.027	65	73107	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.043	84	334287	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.066	67	97443	4.917	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.310	98	296348	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.622	79	31596	4.888	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.085	63	131482	47.657	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.320%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	68498	4.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	107801	5.129	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						Qvalue
8) Chloroethane	1.413	64	103363	8.362	ug/L #	53
13) Acetone	2.188	43	7555	4.318	ug/L	78
15) Methyl Acetate	2.497	43	79263	18.665	ug/L #	44
16) Methylene chloride	2.503	84	26133	1.253	ug/L	88
22) cis-1,2-Dichloroethene	3.905	96	116319	6.114	ug/L	98
27) 1,2-Dichloroethane	5.095	62	6095	0.369	ug/L #	81
30) Cyclohexane	4.674	56	27391	0.966	ug/L	83
33) Benzene	5.095	78	846596	11.652	ug/L	100
34) Trichloroethene	5.918	95	8828	0.475	ug/L	98
35) Methylcyclohexane	6.127	83	16850	0.515	ug/L #	76
37) 1,2-Dichloropropane	6.066	63	10690	0.638	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	2371	0.101	ug/L #	66
45) 1,1,2-Trichloroethane	7.783	97	2460	0.224	ug/L #	20
52) Ethylbenzene	9.014	91	18382	0.225	ug/L	99
60) Isopropylbenzene	9.927	105	22509	0.295	ug/L	99
61) 1,2,3-Trichloropropane	11.239	75	13056	1.626	ug/L #	66

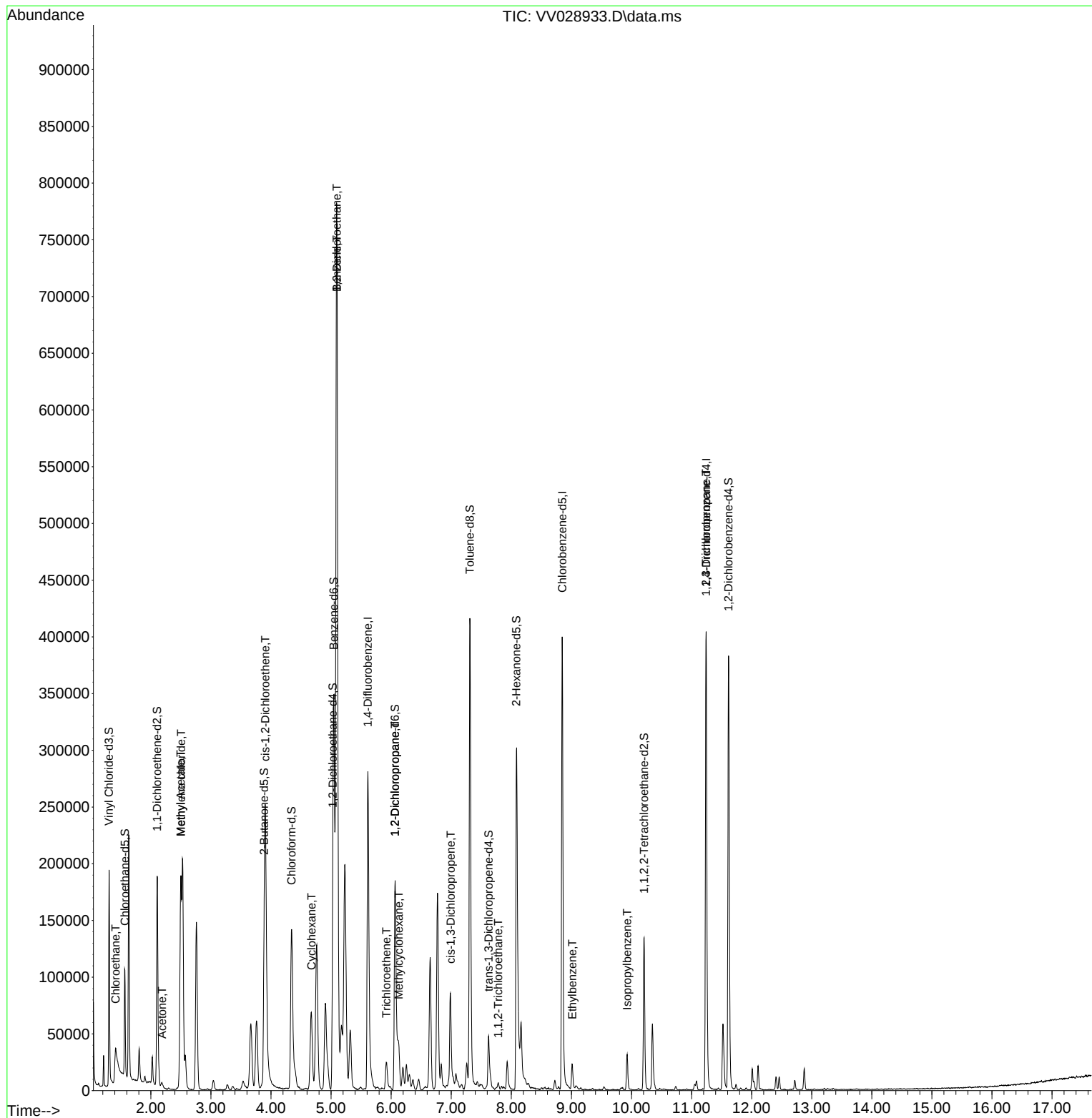
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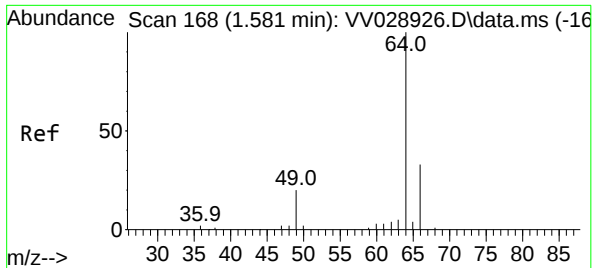
Instrument :
MSVOA_V
ClientSampleId :
GBMY2DL

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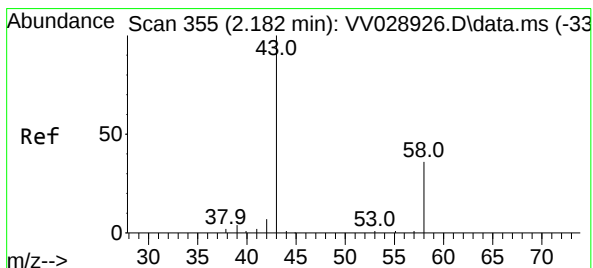
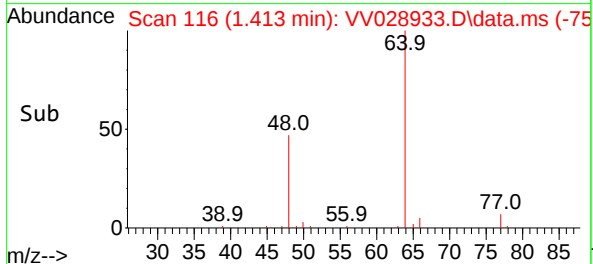
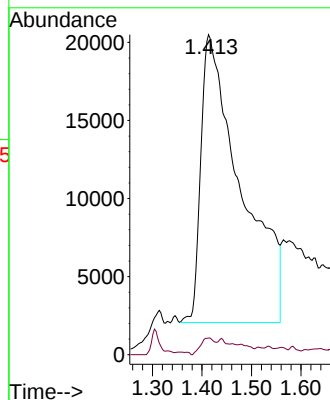
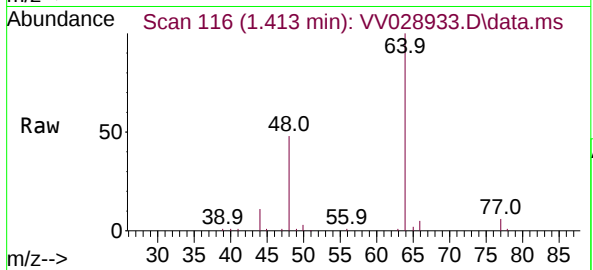




#8
Chloroethane
Concen: 8.362 ug/L
RT: 1.413 min Scan# 11
Delta R.T. -0.167 min
Lab File: VV028933.D
Acq: 14 Nov 2022 13:07

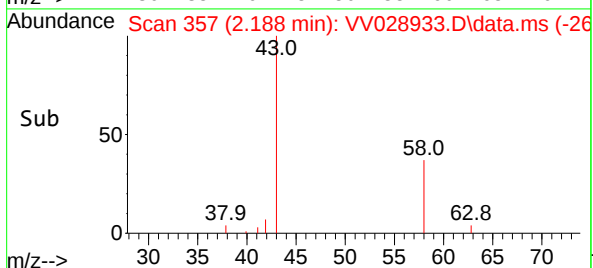
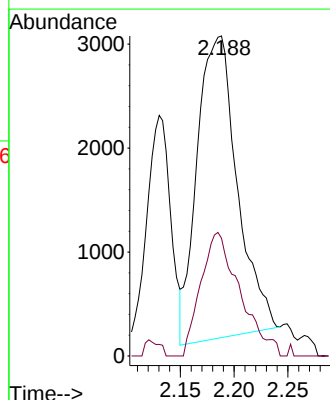
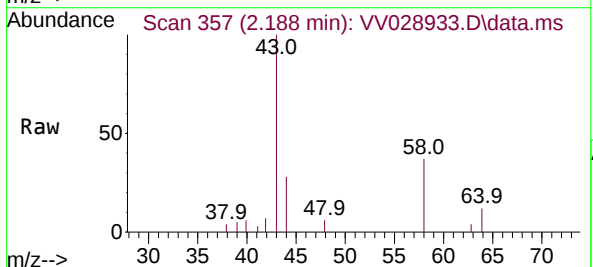
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MSVOA_V
ClientSampleId :
GBMY2DL

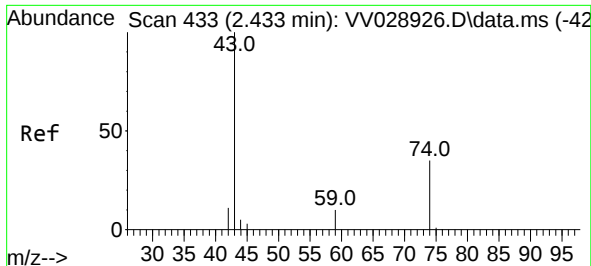
Tgt Ion: 64 Resp: 103363
Ion Ratio Lower Upper
64 100
66 5.2 22.0 40.8#



#13
Acetone
Concen: 4.318 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.006 min
Lab File: VV028933.D
Acq: 14 Nov 2022 13:07

Tgt Ion: 43 Resp: 7555
Ion Ratio Lower Upper
43 100
58 39.9 0.0 56.6

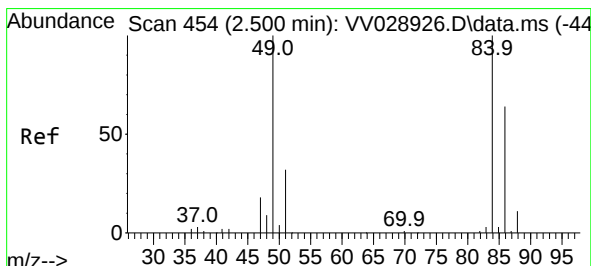
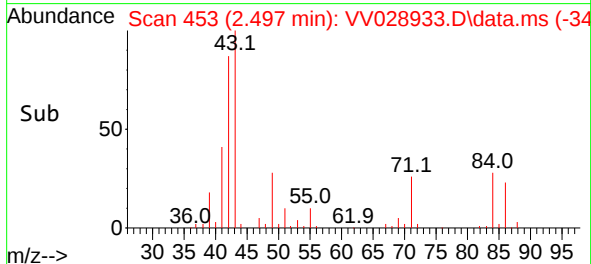
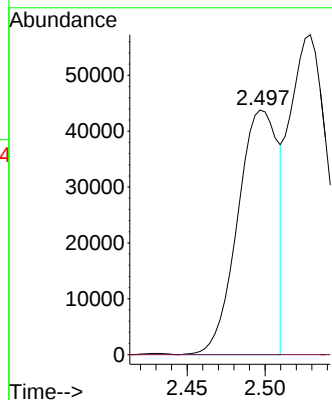
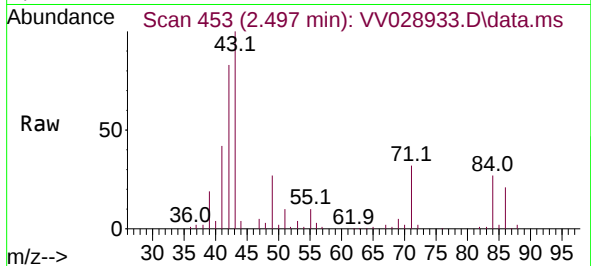




#15
Methyl Acetate
Concen: 18.665 ug/L
RT: 2.497 min Scan# 41
Delta R.T. 0.064 min
Lab File: VV028933.D
Acq: 14 Nov 2022 13:07

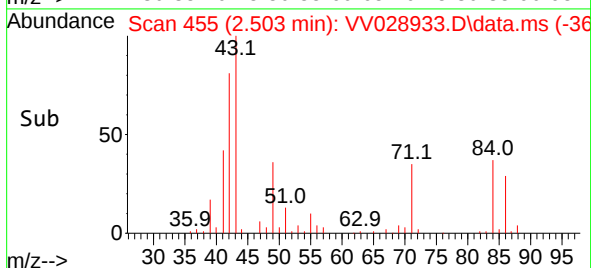
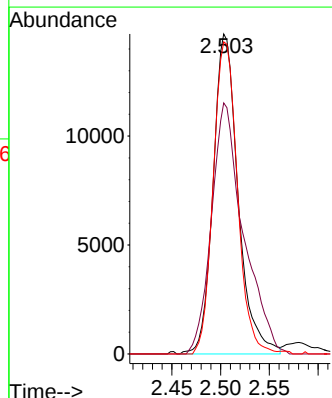
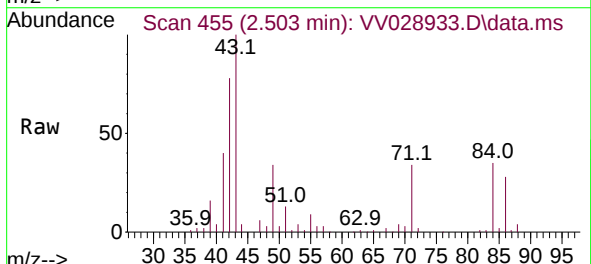
Instrument :
MSVOA_V
ClientSampleId :
GBMY2DL

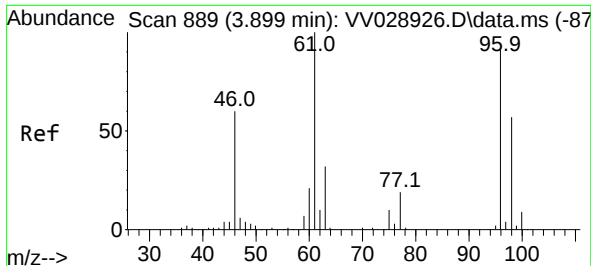
Tgt Ion: 43 Resp: 79263
Ion Ratio Lower Upper
43 100
74 0.0 24.6 37.0#



#16
Methylene chloride
Concen: 1.253 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV028933.D
Acq: 14 Nov 2022 13:07

Tgt Ion: 84 Resp: 26133
Ion Ratio Lower Upper
84 100
86 78.4 45.8 85.0
49 97.5 75.5 140.1

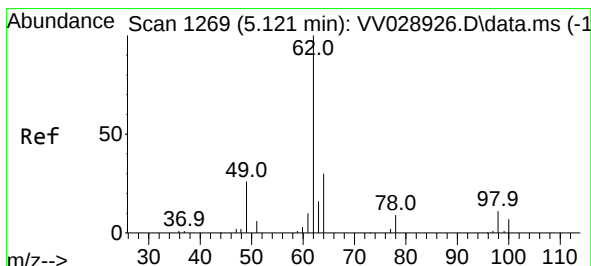
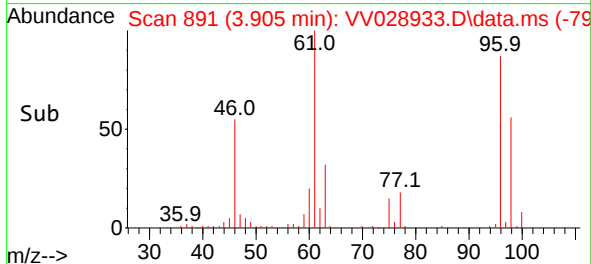
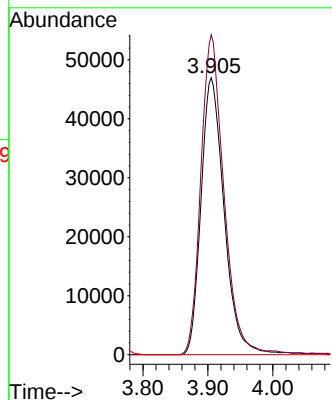
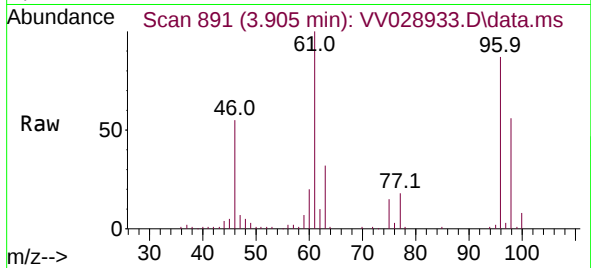




#22
 cis-1,2-Dichloroethene
 Concen: 6.114 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV028933.D
 Acq: 14 Nov 2022 13:07

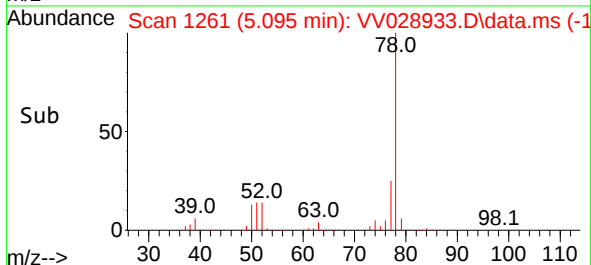
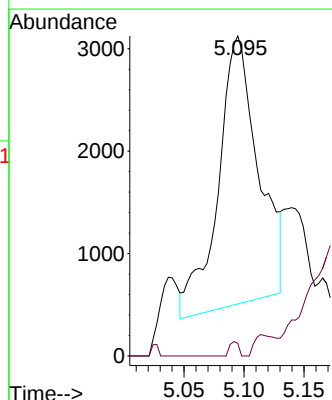
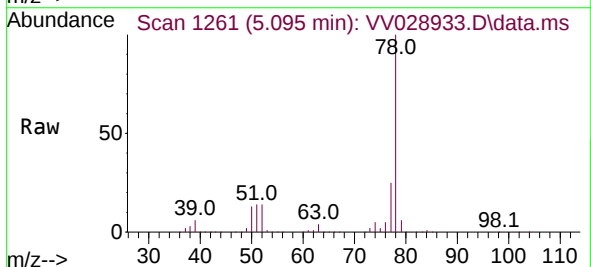
Instrument :
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 ClientSampleId :
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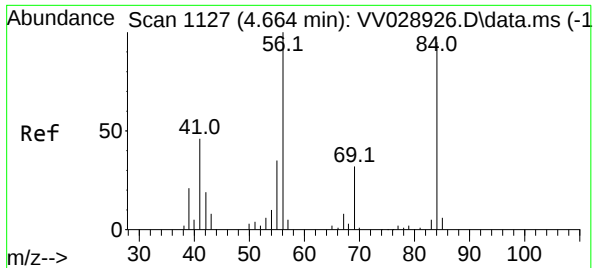
Tgt Ion: 96 Resp: 116319
 Ion Ratio Lower Upper
 96 100
 61 115.6 82.3 152.9
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.369 ug/L
 RT: 5.095 min Scan# 1261
 Delta R.T. -0.026 min
 Lab File: VV028933.D
 Acq: 14 Nov 2022 13:07

Tgt Ion: 62 Resp: 6095
 Ion Ratio Lower Upper
 62 100
 98 4.0 9.0 13.6#

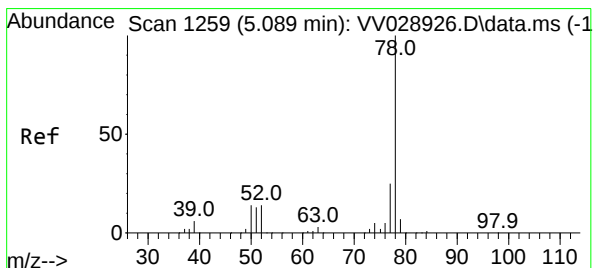
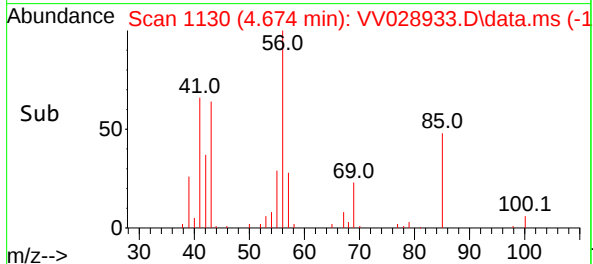
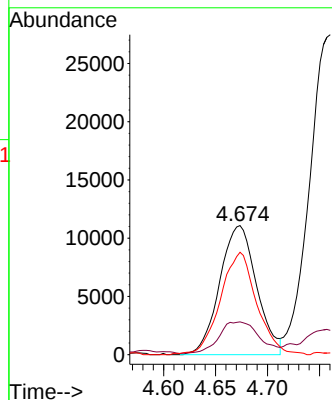
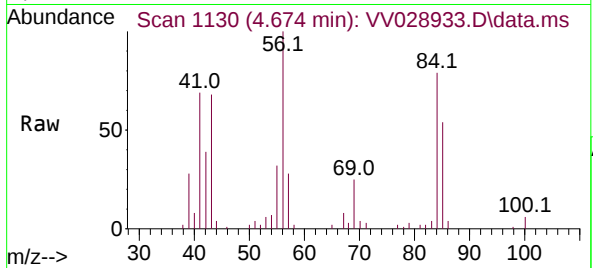




#30
Cyclohexane
Concen: 0.966 ug/L
RT: 4.674 min Scan# 1127
Delta R.T. 0.009 min
Lab File: VV028933.D
Acq: 14 Nov 2022 13:07

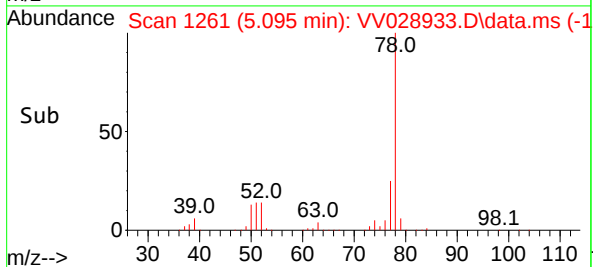
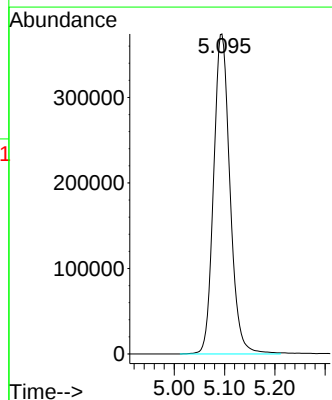
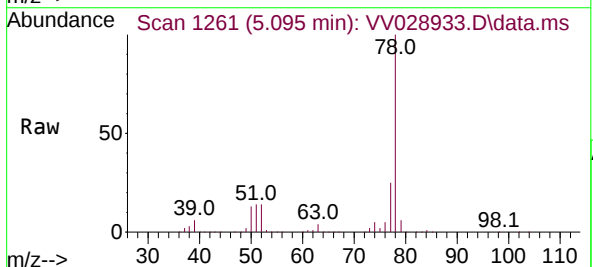
Instrument :
MSVOA_V
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GBMY2DL

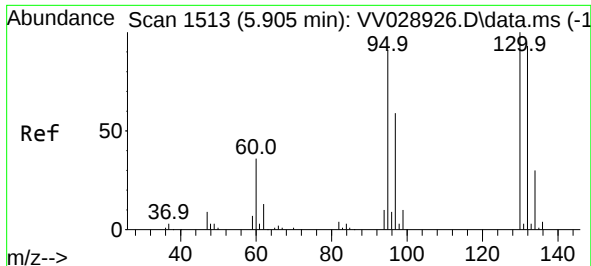
Tgt Ion: 56 Resp: 27391
Ion Ratio Lower Upper
56 100
69 26.6 26.1 39.1
84 78.1 77.9 116.9



#33
Benzene
Concen: 11.652 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VV028933.D
Acq: 14 Nov 2022 13:07

Tgt Ion: 78 Resp: 846596





#34

Trichloroethene

Concen: 0.475 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV028933.D

Acq: 14 Nov 2022 13:07

Instrument :

MSVOA_V

ClientSampleId :

GBMY2DL

Tgt Ion: 95 Resp: 8828

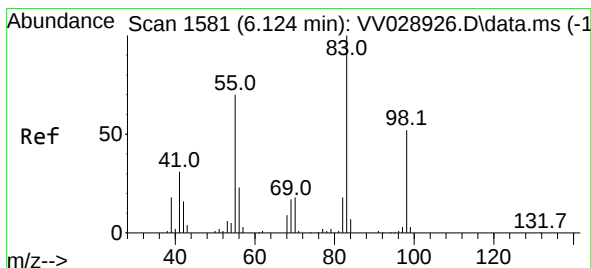
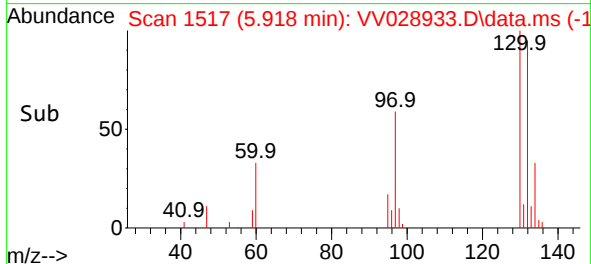
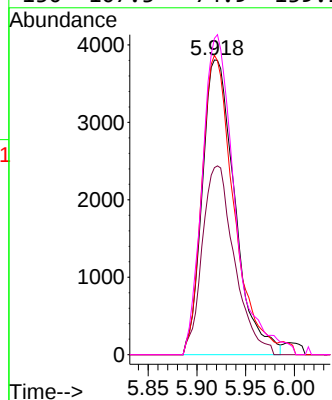
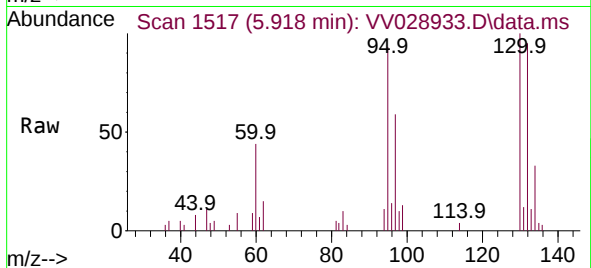
Ion Ratio Lower Upper

95 100

97 63.4 45.6 84.8

132 101.6 69.1 128.3

130 107.3 74.9 139.1



#35

Methylcyclohexane

Concen: 0.515 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV028933.D

Acq: 14 Nov 2022 13:07

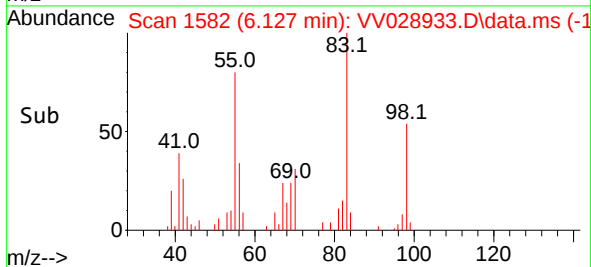
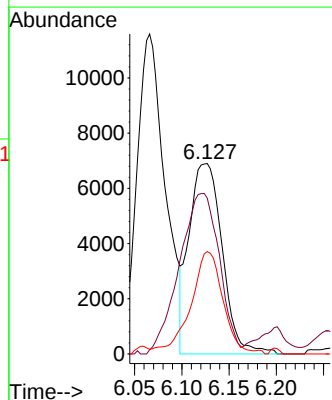
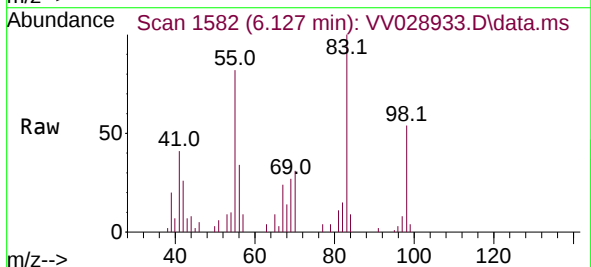
Tgt Ion: 83 Resp: 16850

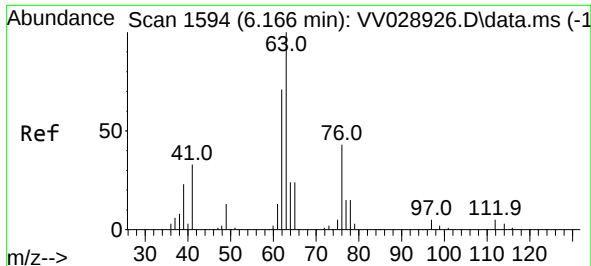
Ion Ratio Lower Upper

83 100

55 101.2 55.8 83.6#

98 49.6 38.2 57.2





#37

1,2-Dichloropropane

Concen: 0.638 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV028933.D

Acq: 14 Nov 2022 13:07

Instrument :

MSVOA_V

ClientSampleId :

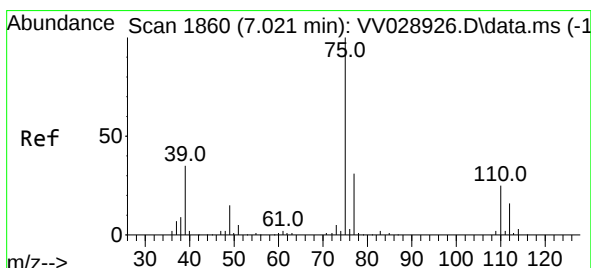
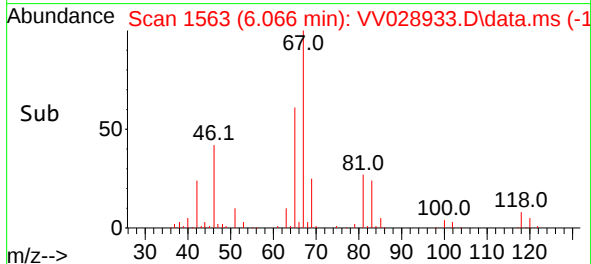
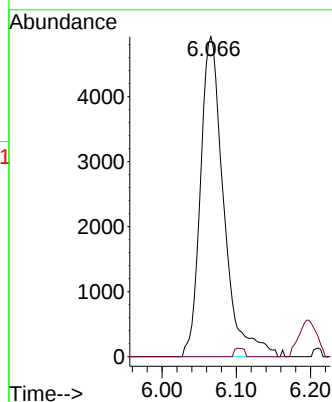
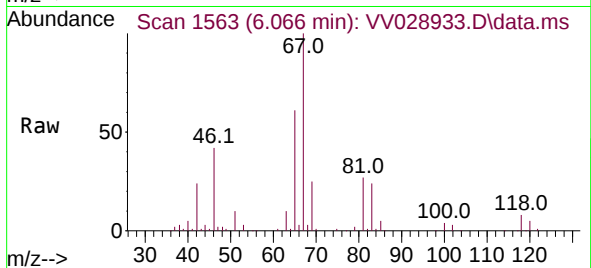
GBMY2DL

Tgt Ion: 63 Resp: 10690

Ion Ratio Lower Upper

63 100

112 1.1 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.029 min

Lab File: VV028933.D

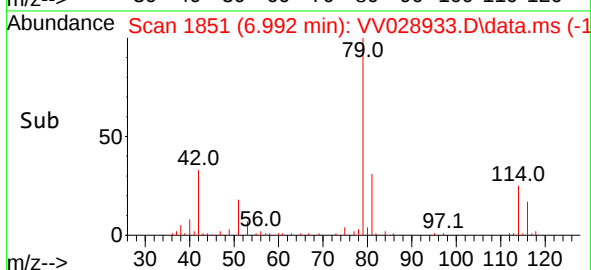
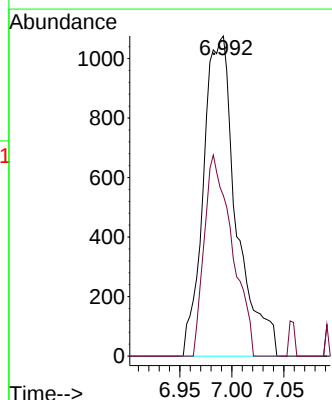
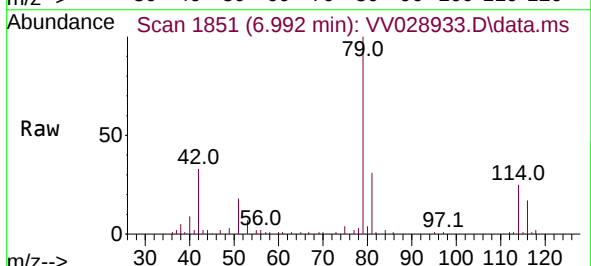
Acq: 14 Nov 2022 13:07

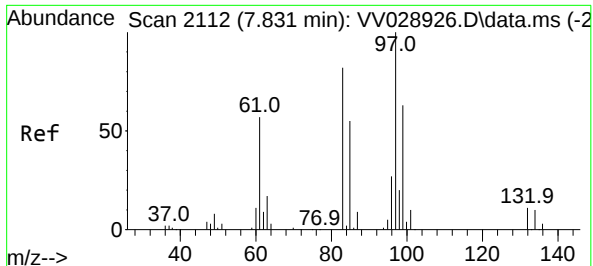
Tgt Ion: 75 Resp: 2371

Ion Ratio Lower Upper

75 100

77 50.1 21.8 40.6#





#45

1,1,2-Trichloroethane

Concen: 0.224 ug/L

RT: 7.783 min Scan# 2112

Delta R.T. -0.048 min

Lab File: VV028933.D

Acq: 14 Nov 2022 13:07

Instrument :

MSVOA_V

ClientSampleId :

GBMY2DL

Tgt Ion: 97 Resp: 2460

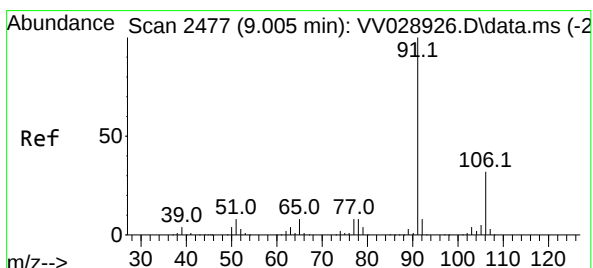
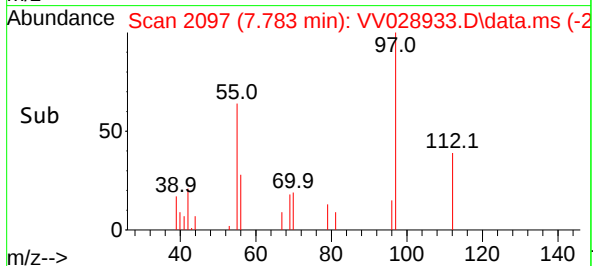
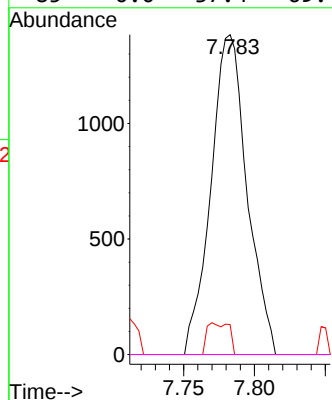
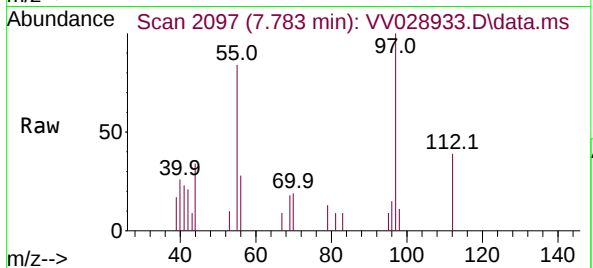
Ion Ratio Lower Upper

97 100

99 0.0 41.5 77.1#

83 9.4 60.0 111.4#

85 0.0 37.4 69.4#



#52

Ethylbenzene

Concen: 0.225 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.009 min

Lab File: VV028933.D

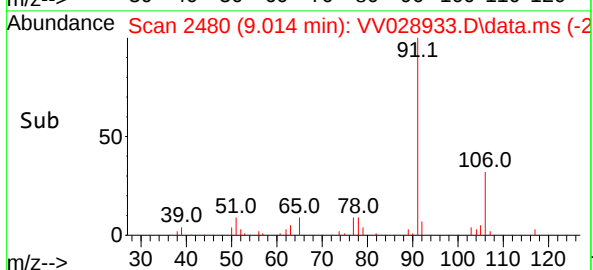
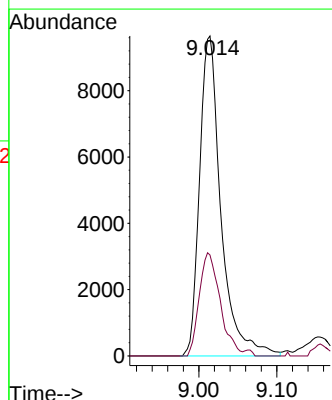
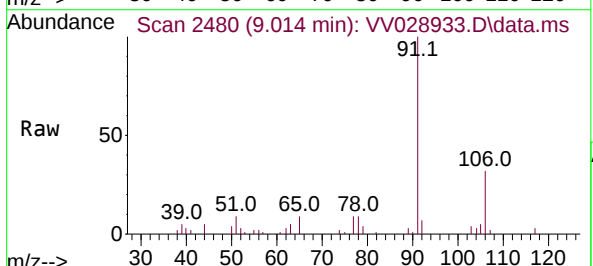
Acq: 14 Nov 2022 13:07

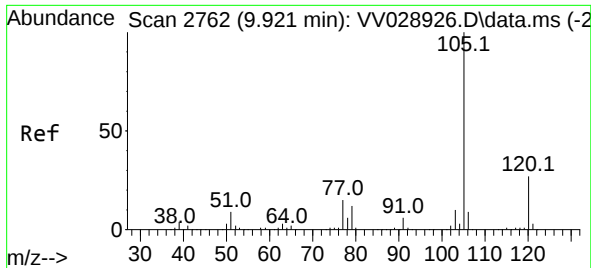
Tgt Ion: 91 Resp: 18382

Ion Ratio Lower Upper

91 100

106 31.6 21.6 40.2

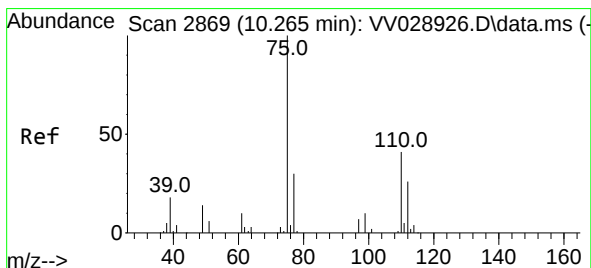
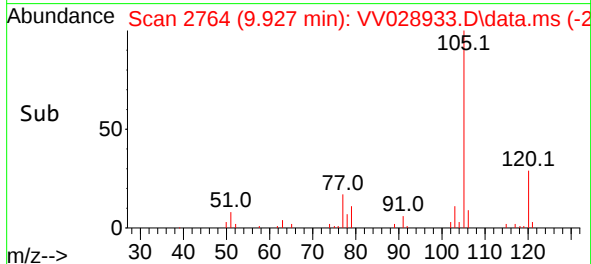
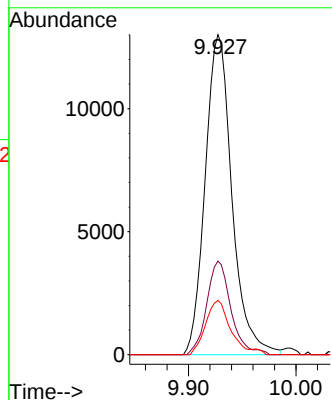
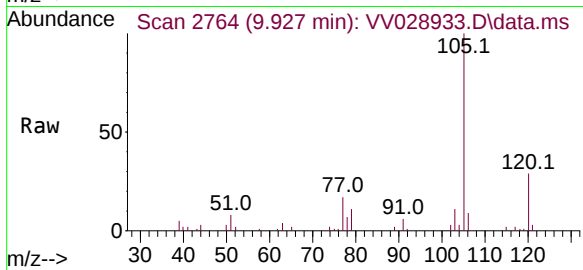




#60
Isopropylbenzene
Concen: 0.295 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV028933.D
Acq: 14 Nov 2022 13:07

Instrument :
MSVOA_V
ClientSampleId :
GBMY2DL

Tgt Ion:105 Resp: 22509
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 16.0 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 1.626 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV028933.D
Acq: 14 Nov 2022 13:07

Tgt Ion: 75 Resp: 13056
Ion Ratio Lower Upper
75 100
77 33.2 26.2 39.2
110 3.0 32.6 48.8#

