

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028914.D
 Acq On : 12 Nov 2022 07:29
 Operator : SY/MD
 Sample : N5590-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBMY4

Quant Time: Nov 14 00:25:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 03:43:58 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	247628	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.866	117	277804	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.246	152	132247	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	77218	5.115	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.200%		
7) Chloroethane-d5	1.587	69	76822	5.788	ug/L	0.02
Spiked Amount	5.000	Range 65 - 130	Recovery	= 115.800%		
11) 1,1-Dichloroethene-d2	2.153	63	98679	3.587	ug/L	0.04
Spiked Amount	5.000	Range 60 - 125	Recovery	= 71.800%		
20) 2-Butanone-d5	4.037	46	127282	50.367	ug/L	0.15
Spiked Amount	50.000	Range 40 - 130	Recovery	= 100.740%		
24) Chloroform-d	4.394	84	158292	5.107	ug/L	0.05
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.200%		
26) 1,2-Dichloroethane-d4	5.069	65	72953	5.231	ug/L	0.04
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.600%		
32) Benzene-d6	5.072	84	293565	3.540	ug/L	0.03
Spiked Amount	5.000	Range 70 - 125	Recovery	= 70.800%		
36) 1,2-Dichloropropane-d6	6.088	67	121389	5.243	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 104.800%		
41) Toluene-d8	7.349	98	346917	4.648	ug/L	0.04
Spiked Amount	5.000	Range 70 - 130	Recovery	= 93.000%		
43) trans-1,3-Dichloroprop...	7.654	79	30292	4.011	ug/L	0.04
Spiked Amount	5.000	Range 55 - 130	Recovery	= 80.200%		
46) 2-Hexanone-d5	8.127	63	146918	45.577	ug/L	0.04
Spiked Amount	50.000	Range 45 - 130	Recovery	= 91.160%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	77970	4.857	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 97.200%		
66) 1,2-Dichlorobenzene-d4	11.619	152	120697	5.101	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 102.000%		
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	932	0.048	ug/L #	1
6) Bromomethane	1.535	94	472	0.040	ug/L #	50
13) Acetone	2.310	43	134936	83.006	ug/L	88
14) Carbon disulfide	2.333	76	4756	0.089	ug/L #	92
15) Methyl Acetate	2.310	43	135472	34.339	ug/L #	44
16) Methylene chloride	2.545	84	29501	1.522	ug/L	91
18) trans-1,2-Dichloroethene	2.786	96	640	0.037	ug/L	88
21) 2-Butanone	4.178	43	58247	23.143	ug/L #	52
22) cis-1,2-Dichloroethene	3.960	96	16815	0.951	ug/L	79
27) 1,2-Dichloroethane	5.063	62	1639	0.107	ug/L	99
34) Trichloroethene	5.915	95	32345	1.488	ug/L	99
35) Methylcyclohexane	6.088	83	30251	0.792	ug/L #	22
37) 1,2-Dichloropropane	6.088	63	12835	0.656	ug/L #	85
39) cis-1,3-Dichloropropene	7.027	75	2383	0.087	ug/L #	45
60) Isopropylbenzene	9.940	105	3629	0.042	ug/L	99
61) 1,2,3-Trichloropropane	11.246	75	13641	1.509	ug/L #	63

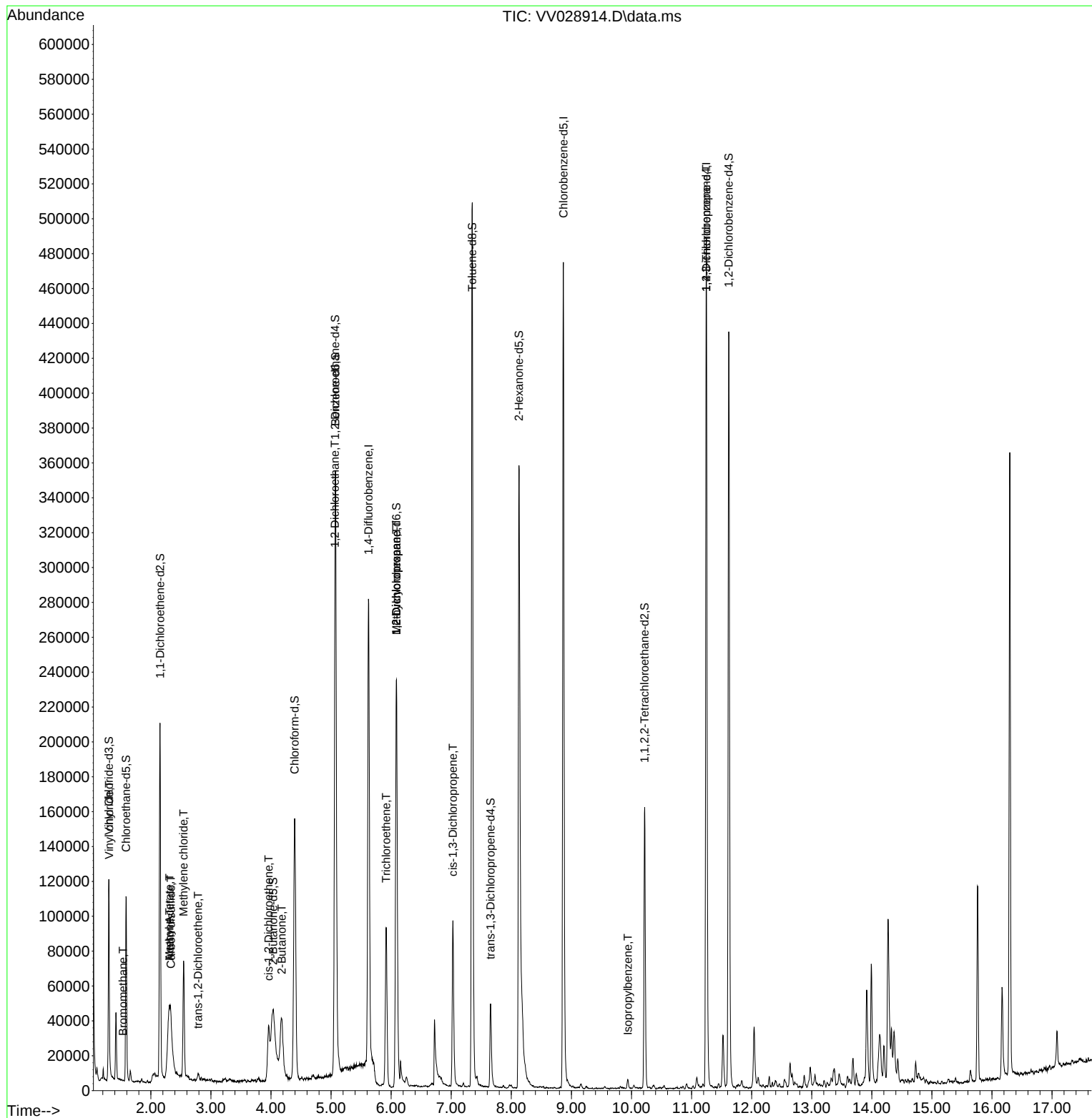
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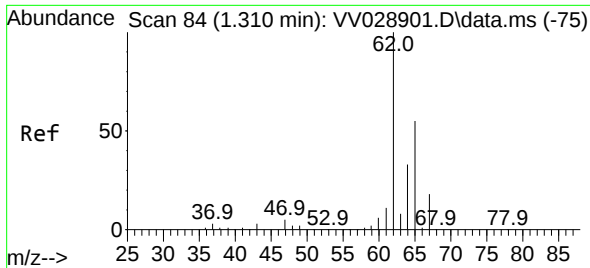
Instrument :
MSVOA_V
ClientSampleId :
GBMY4

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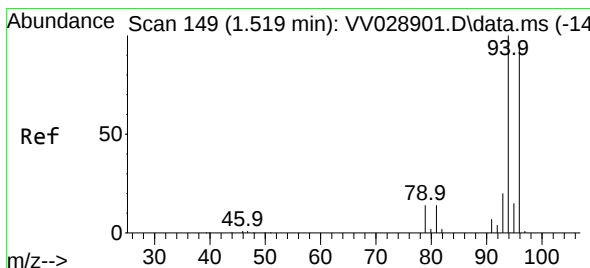
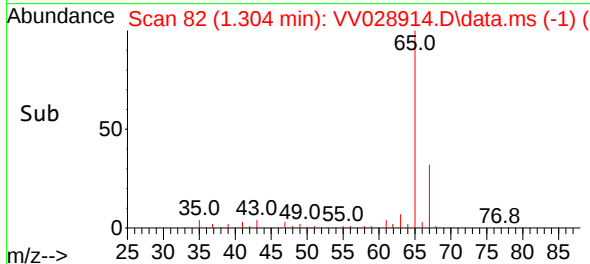
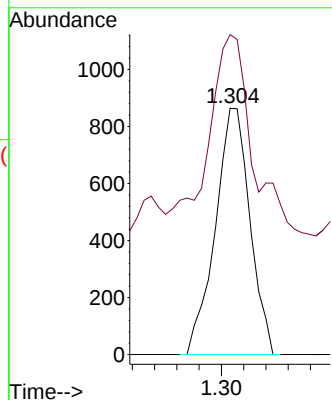
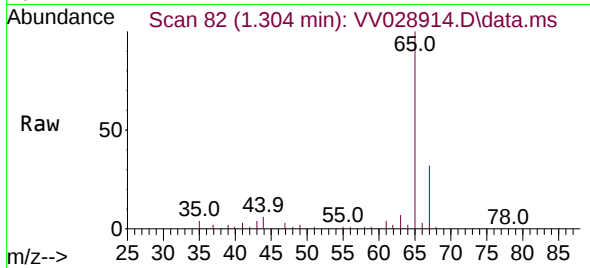




#5
 Vinyl chloride
 Concen: 0.048 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VV028914.D
 Acq: 12 Nov 2022 07:29

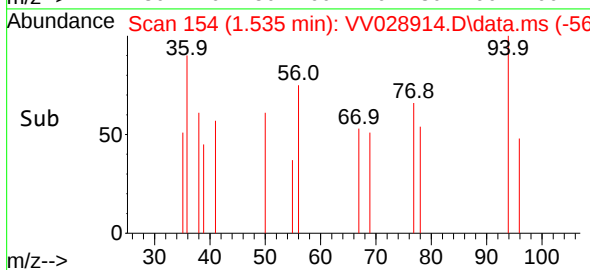
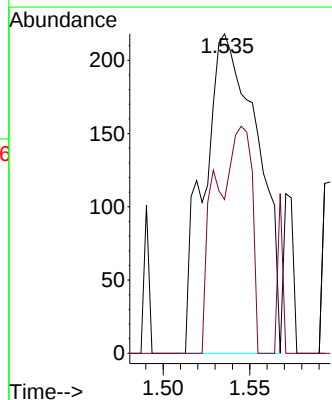
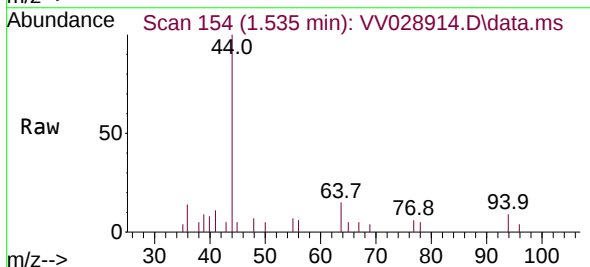
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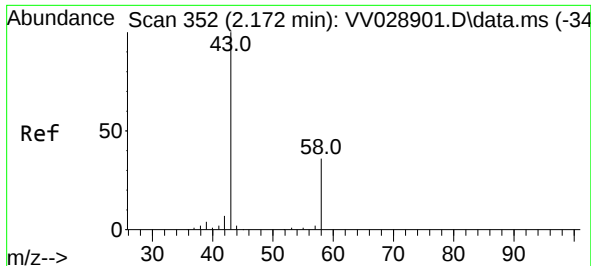
Tgt Ion: 62 Resp: 932
 Ion Ratio Lower Upper
 62 100
 64 129.9 22.8 42.4#



#6
 Bromomethane
 Concen: 0.040 ug/L
 RT: 1.535 min Scan# 154
 Delta R.T. 0.016 min
 Lab File: VV028914.D
 Acq: 12 Nov 2022 07:29

Tgt Ion: 94 Resp: 472
 Ion Ratio Lower Upper
 94 100
 96 48.2 68.5 127.3#





#13

Acetone

Concen: 83.006 ug/L

RT: 2.310 min Scan# 395

Delta R.T. 0.138 min

Lab File: VV028914.D

Acq: 12 Nov 2022 07:29

Instrument :

MSVOA_V

ClientSampleId :

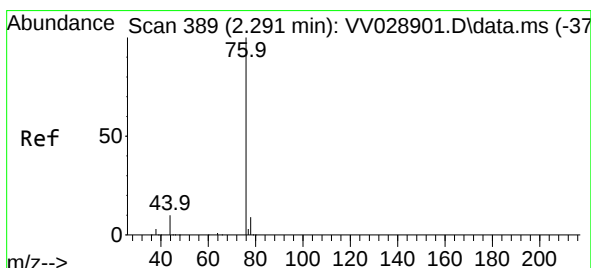
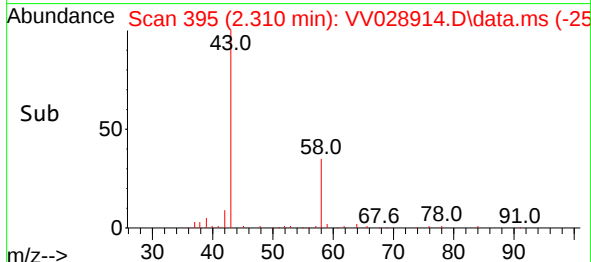
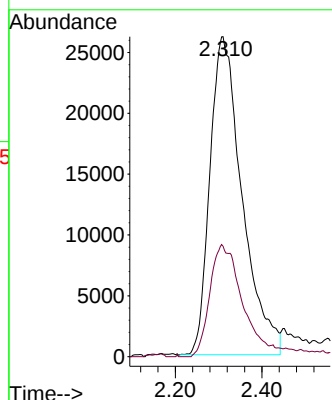
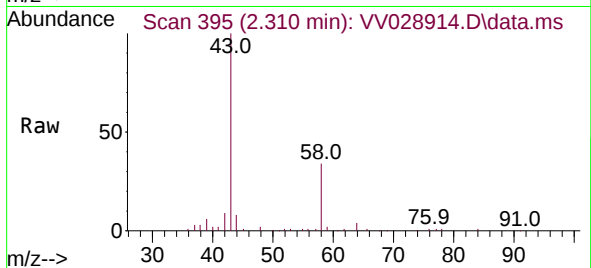
GBMY4

Tgt Ion: 43 Resp: 134936

Ion Ratio Lower Upper

43 100

58 34.8 0.0 56.6



#14

Carbon disulfide

Concen: 0.089 ug/L

RT: 2.333 min Scan# 402

Delta R.T. 0.042 min

Lab File: VV028914.D

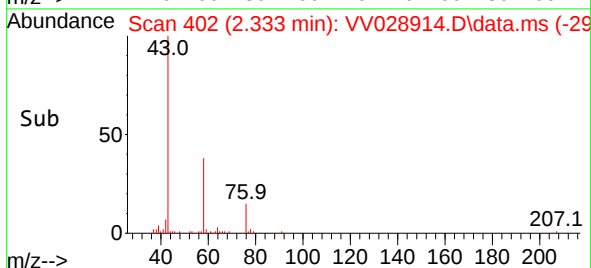
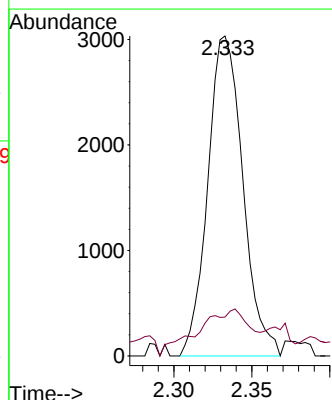
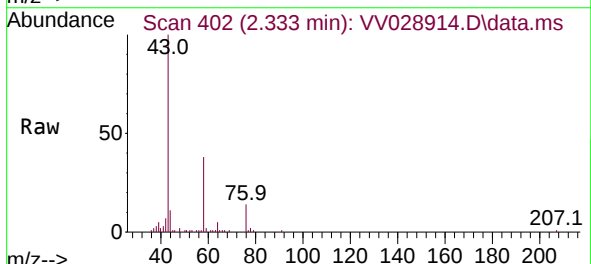
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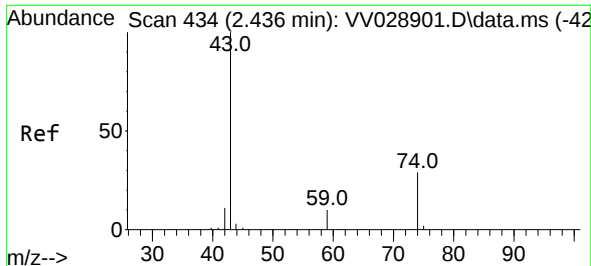
Tgt Ion: 76 Resp: 4756

Ion Ratio Lower Upper

76 100

78 12.1 7.4 11.2#

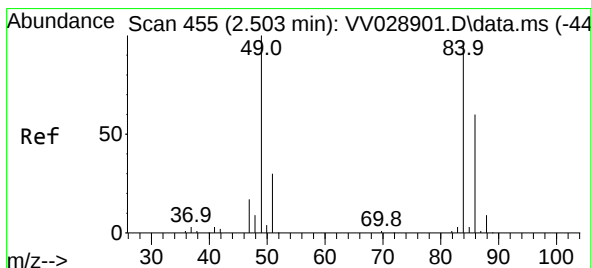
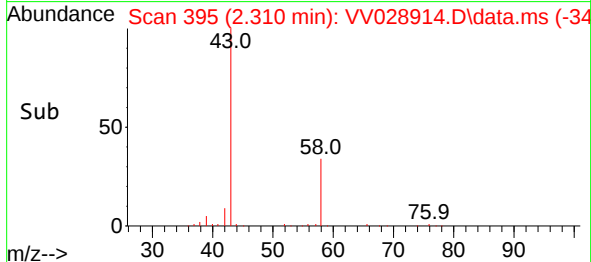
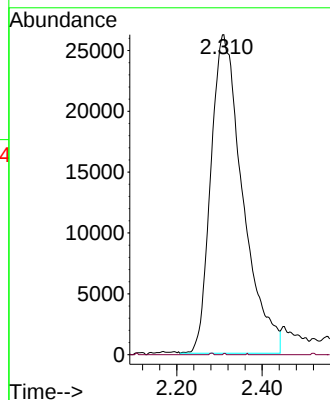
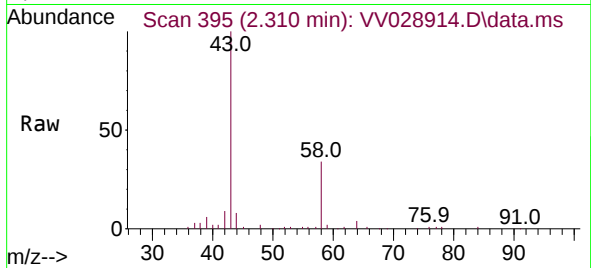




#15
Methyl Acetate
Concen: 34.339 ug/L
RT: 2.310 min Scan# 395
Delta R.T. -0.126 min
Lab File: VV028914.D
Acq: 12 Nov 2022 07:29

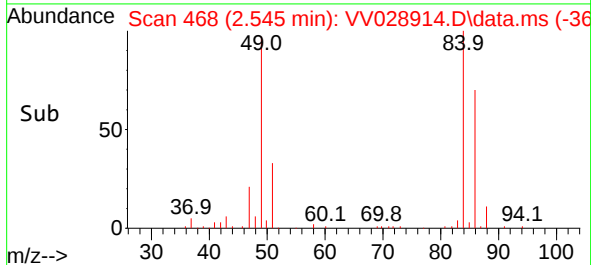
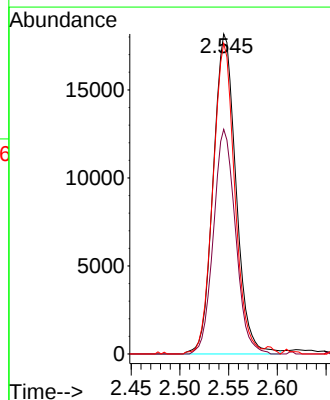
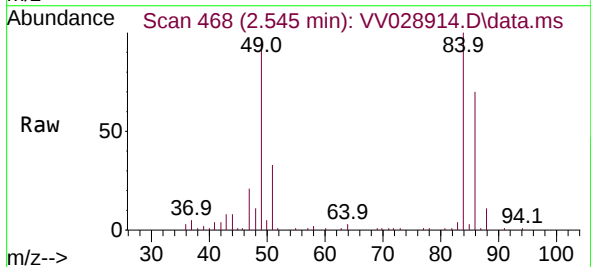
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ClientSampleId :
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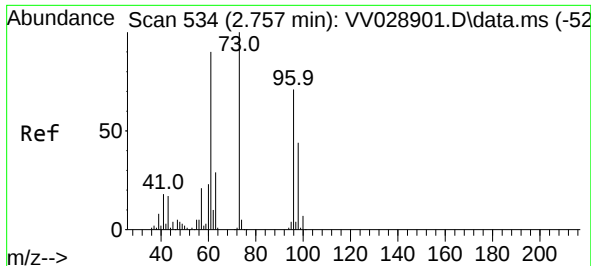
Tgt Ion: 43 Resp: 135472
Ion Ratio Lower Upper
43 100
74 0.0 24.6 37.0#



#16
Methylene chloride
Concen: 1.522 ug/L
RT: 2.545 min Scan# 468
Delta R.T. 0.042 min
Lab File: VV028914.D
Acq: 12 Nov 2022 07:29

Tgt Ion: 84 Resp: 29501
Ion Ratio Lower Upper
84 100
86 70.2 45.8 85.0
49 97.0 75.5 140.1

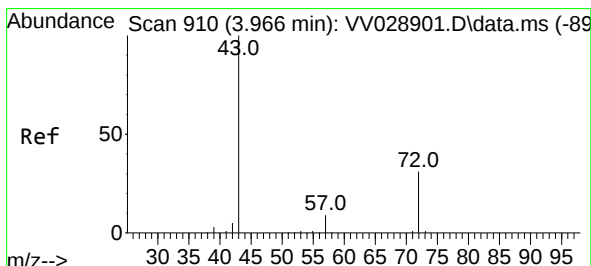
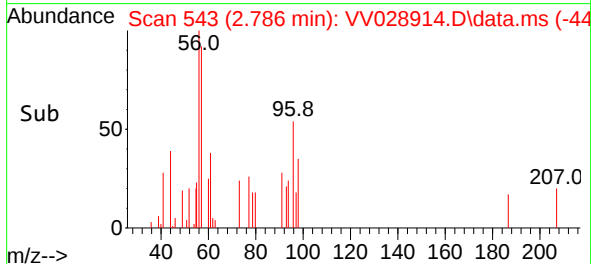
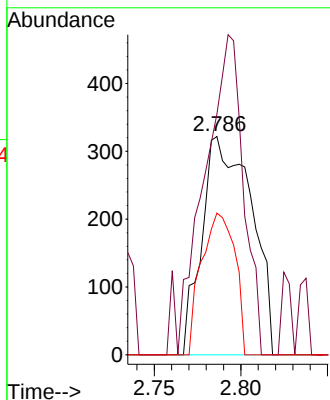
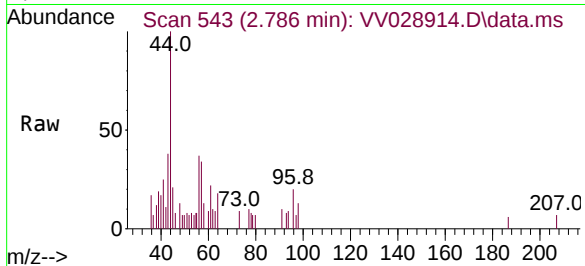




#18
trans-1,2-Dichloroethene
Concen: 0.037 ug/L
RT: 2.786 min Scan# 54
Delta R.T. 0.029 min
Lab File: VV028914.D
Acq: 12 Nov 2022 07:29

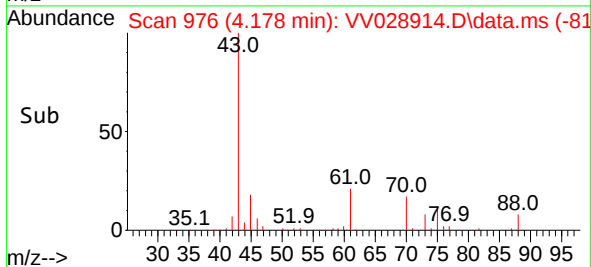
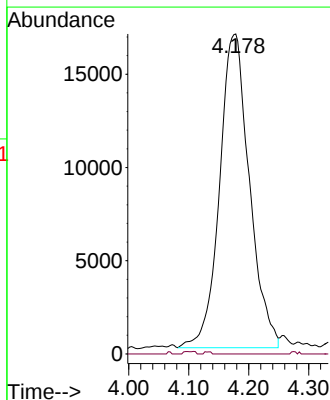
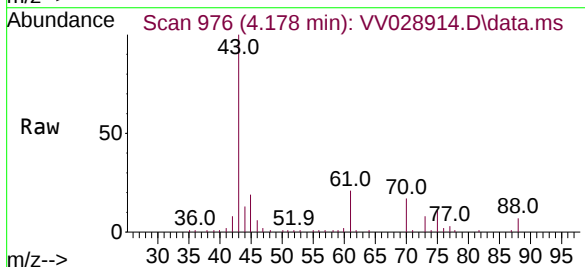
Instrument :
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ClientSampleId :
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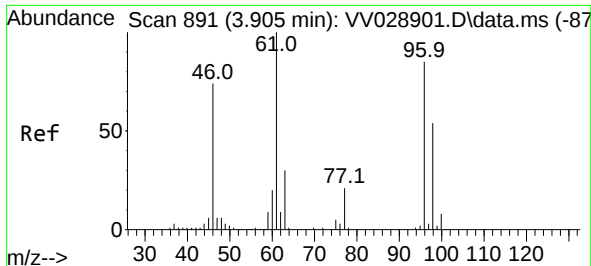
Tgt Ion: 96 Resp: 640
Ion Ratio Lower Upper
96 100
61 110.2 91.8 170.6
98 64.9 46.4 86.2



#21
2-Butanone
Concen: 23.143 ug/L
RT: 4.178 min Scan# 976
Delta R.T. 0.212 min
Lab File: VV028914.D
Acq: 12 Nov 2022 07:29

Tgt Ion: 43 Resp: 58247
Ion Ratio Lower Upper
43 100
72 0.1 11.9 35.9#

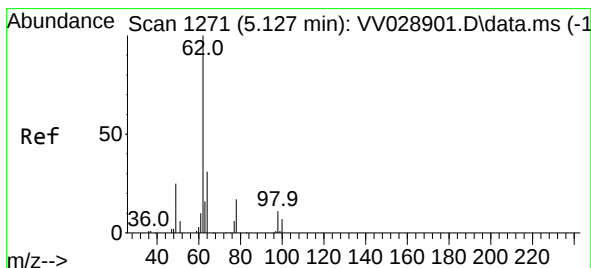
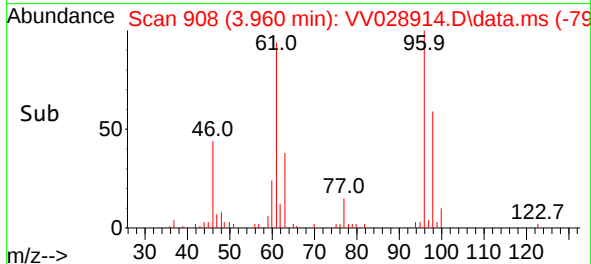
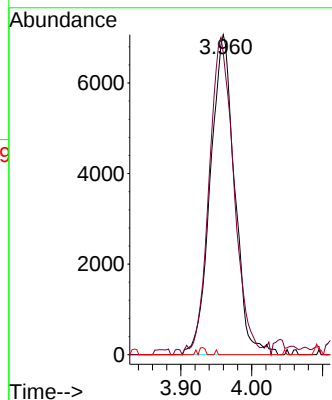
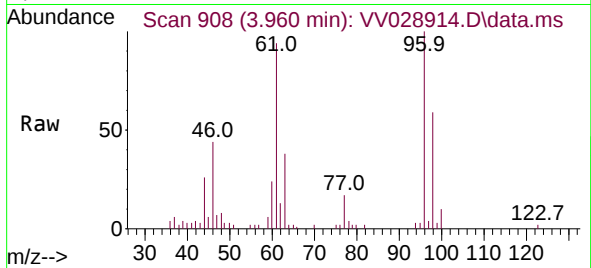




#22
 cis-1,2-Dichloroethene
 Concen: 0.951 ug/L
 RT: 3.960 min Scan# 908
 Delta R.T. 0.055 min
 Lab File: VV028914.D
 Acq: 12 Nov 2022 07:29

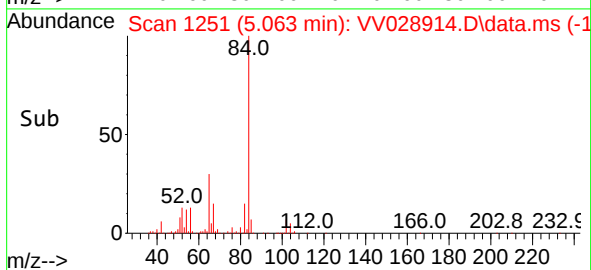
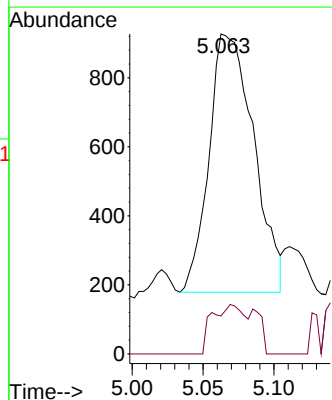
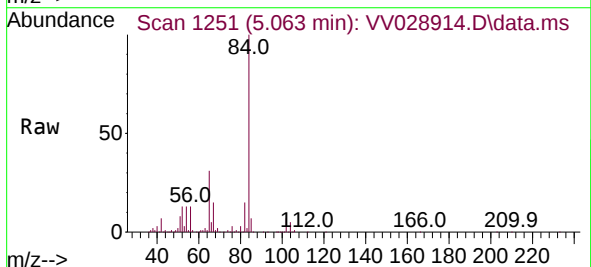
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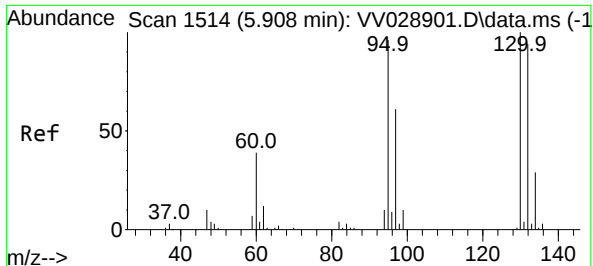
Tgt Ion: 96 Resp: 16815
 Ion Ratio Lower Upper
 96 100
 61 94.5 82.3 152.9
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.107 ug/L
 RT: 5.063 min Scan# 1251
 Delta R.T. -0.064 min
 Lab File: VV028914.D
 Acq: 12 Nov 2022 07:29

Tgt Ion: 62 Resp: 1639
 Ion Ratio Lower Upper
 62 100
 98 11.9 9.0 13.6

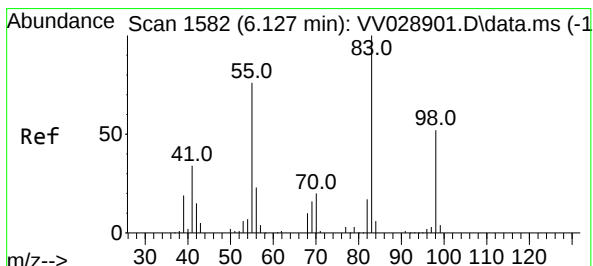
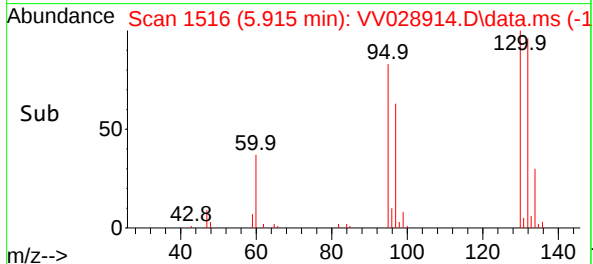
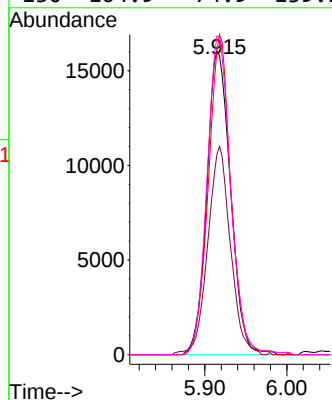
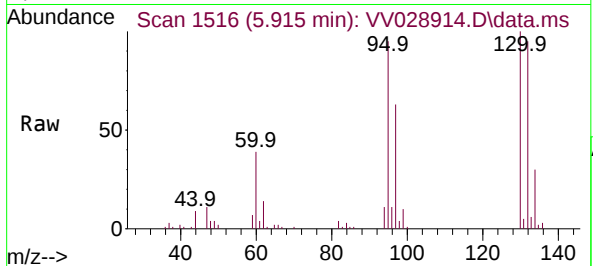




#34
Trichloroethene
Concen: 1.488 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV028914.D
Acq: 12 Nov 2022 07:29

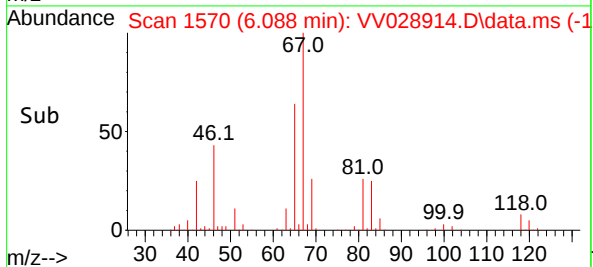
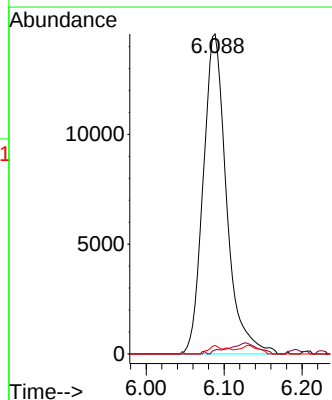
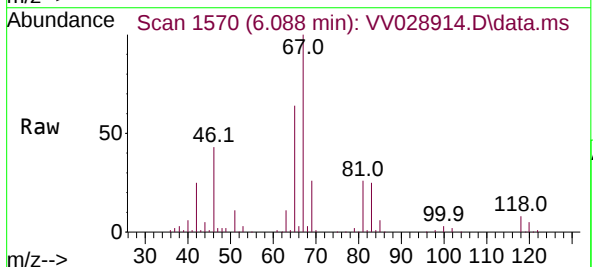
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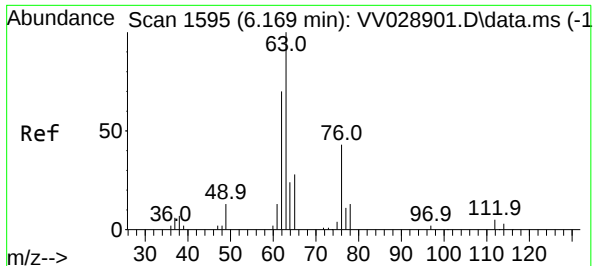
Tgt Ion: 95 Resp: 32345
Ion Ratio Lower Upper
95 100
97 65.9 45.6 84.8
132 99.8 69.1 128.3
130 104.9 74.9 139.1



#35
Methylcyclohexane
Concen: 0.792 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.039 min
Lab File: VV028914.D
Acq: 12 Nov 2022 07:29

Tgt Ion: 83 Resp: 30251
Ion Ratio Lower Upper
83 100
55 0.1 55.8 83.6#
98 1.3 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.656 ug/L

RT: 6.088 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV028914.D

Acq: 12 Nov 2022 07:29

Instrument :

MSVOA_V

ClientSampleId :

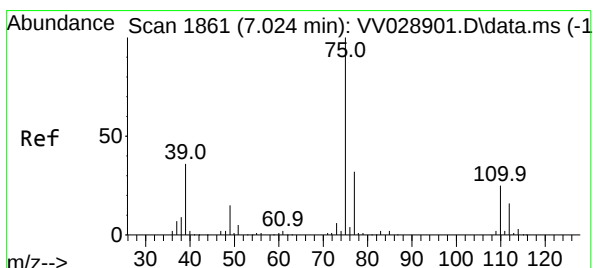
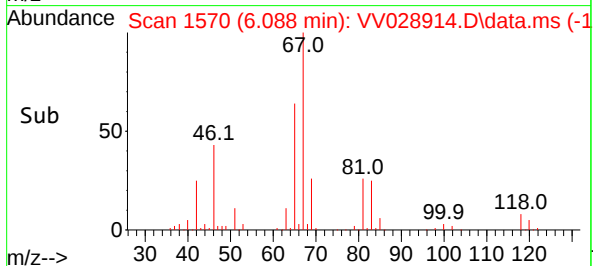
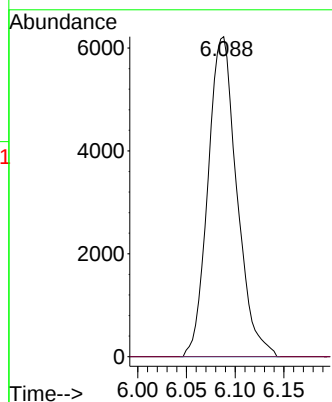
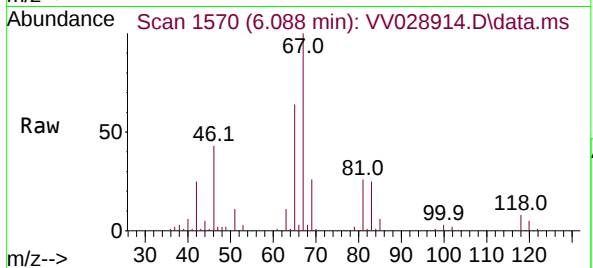
GBMY4

Tgt Ion: 63 Resp: 12835

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV028914.D

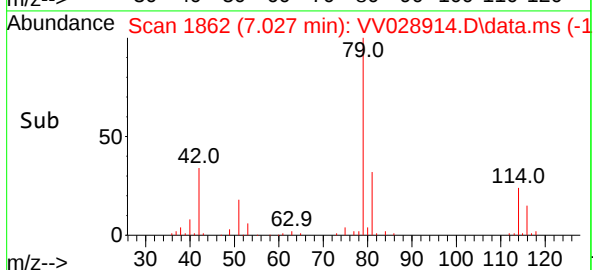
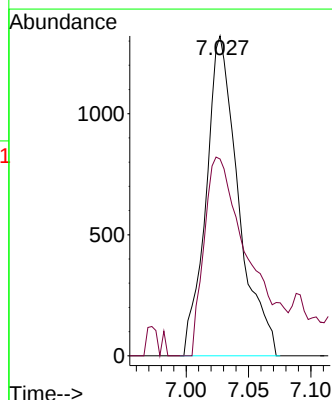
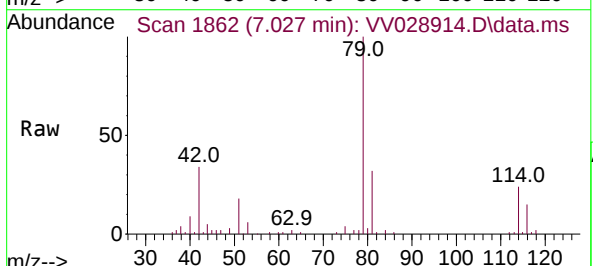
Acq: 12 Nov 2022 07:29

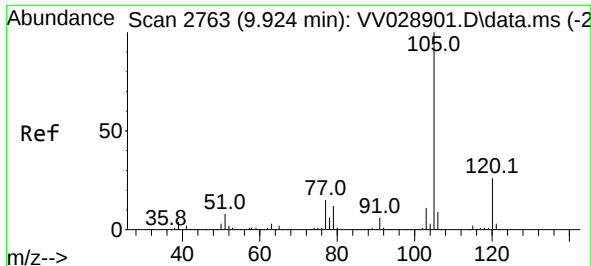
Tgt Ion: 75 Resp: 2383

Ion Ratio Lower Upper

75 100

77 61.5 21.8 40.6#

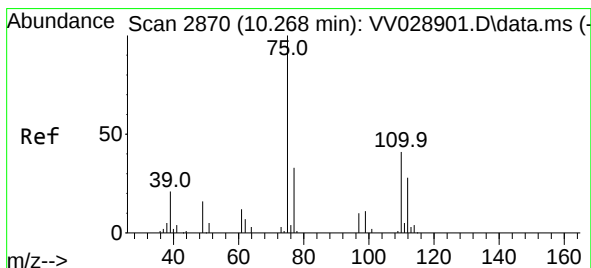
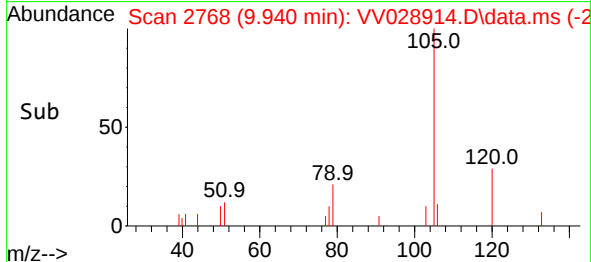
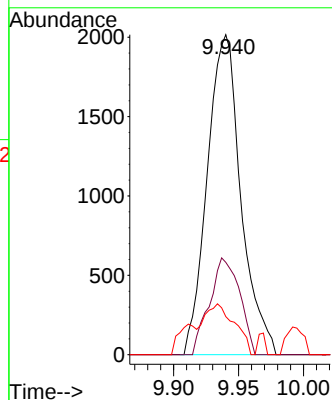
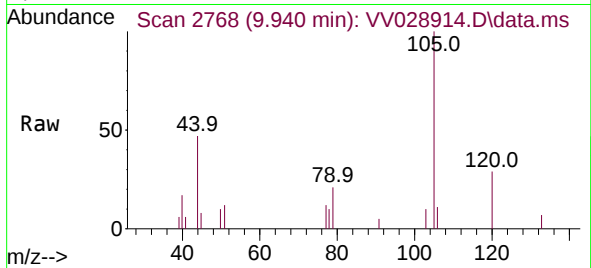




#60
Isopropylbenzene
Concen: 0.042 ug/L
RT: 9.940 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV028914.D
Acq: 12 Nov 2022 07:29

Instrument :
MSVOA_V
ClientSampleId :
GBMY4

Tgt Ion:	105	Resp:	3629
Ion Ratio	Lower	Upper	
105	100		
120	27.1	21.3	31.9
77	14.5	11.8	17.8



#61
1,2,3-Trichloropropane
Concen: 1.509 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV028914.D
Acq: 12 Nov 2022 07:29

Tgt Ion:	75	Resp:	13641
Ion Ratio	Lower	Upper	
75	100		
77	37.4	26.2	39.2
110	2.9	32.6	48.8#

