

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028742.D
 Acq On : 28 Oct 2022 01:54
 Operator : SY/MD
 Sample : N5232-09DL 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA49DL

Quant Time: Oct 28 05:38:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 05:21:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	199457	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	183377	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	82102	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	46025	3.318	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.565	69	47126	4.018	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.105	63	74497	2.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.600%#
20) 2-Butanone-d5	3.899	46	129176	40.839	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.680%
24) Chloroform-d	4.343	84	99567	4.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	5.031	65	53563	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	5.047	84	193220	3.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.066	67	70480	4.540	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.314	98	150983	3.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	7.625	79	15349	3.182	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.600%
46) 2-Hexanone-d5	8.088	63	126957	56.550	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.100%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	51637	5.016	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.619	152	52768	4.660	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	1089	0.069	ug/L #	69
6) Bromomethane	1.523	94	935	0.125	ug/L	90
8) Chloroethane	1.336	64	845	0.080	ug/L	87
13) Acetone	1.950	43	10345	5.510	ug/L	63
14) Carbon disulfide	2.291	76	1646	0.065	ug/L #	59
16) Methylene chloride	2.503	84	10057	0.665	ug/L	96
33) Benzene	5.095	78	427966	7.809	ug/L	100
51) Chlorobenzene	8.876	112	202214	6.180	ug/L	99
52) Ethylbenzene	9.014	91	3815	0.066	ug/L	93
53) m,p-Xylene	9.133	106	20031	0.961	ug/L	92
54) o-Xylene	9.545	106	3176	0.151	ug/L	90
60) Isopropylbenzene	9.928	105	43431	0.841	ug/L	98
61) 1,2,3-Trichloropropane	9.924	75	844	0.120	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.535	105	2094	0.139	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	8240	0.197	ug/L	96
71) Naphthalene	13.506	128	2242	0.102	ug/L #	90

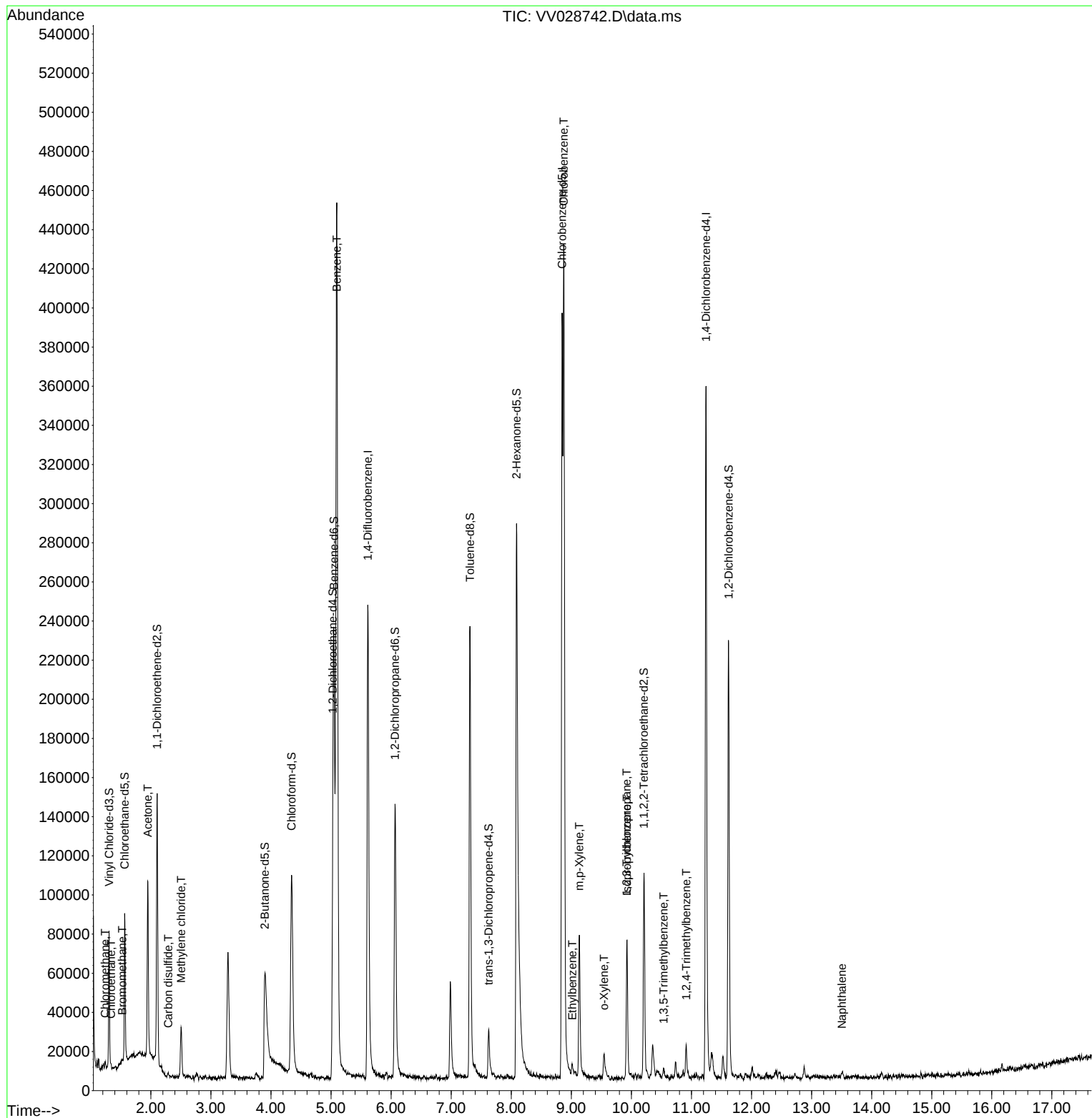
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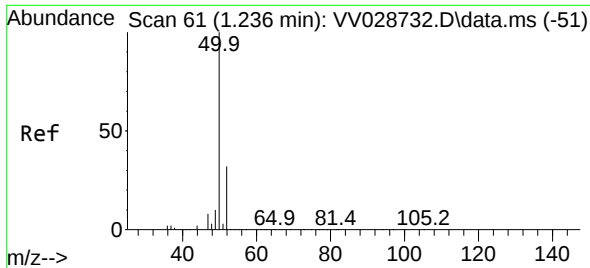
Instrument :
MSVOA_V
ClientSampleId :
BHA49DL

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Data File : VV028742.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 05:21:35 2022
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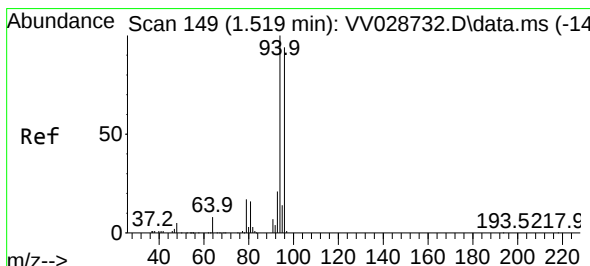
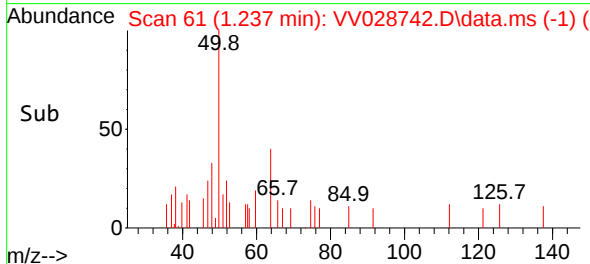
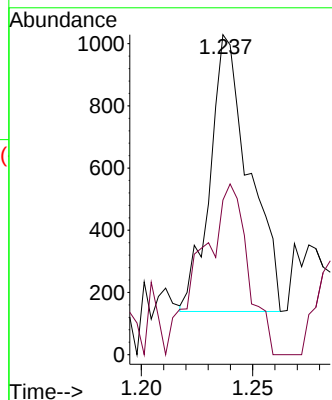
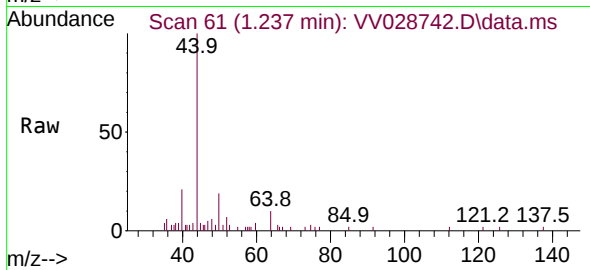




#3
Chloromethane
Concen: 0.069 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028742.D
Acq: 28 Oct 2022 01:54

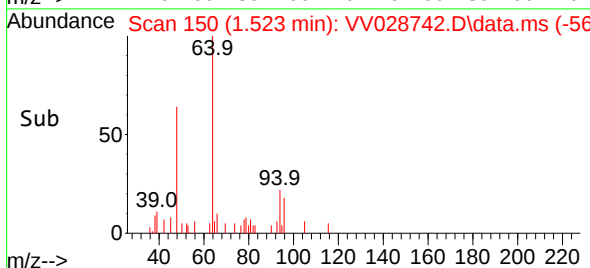
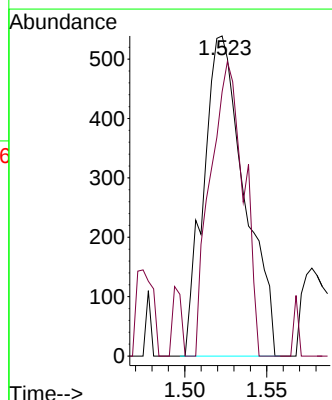
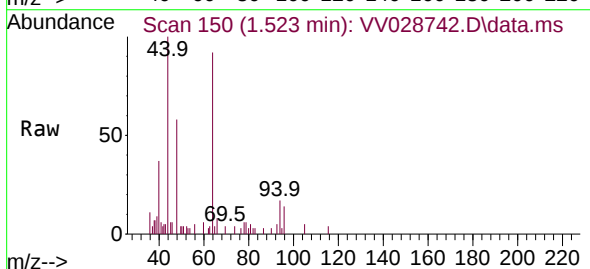
Instrument :
MSVOA_V
ClientSampleId :
BHA49DL

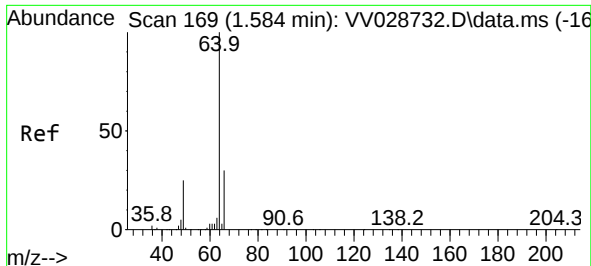
Tgt Ion: 50 Resp: 1089
Ion Ratio Lower Upper
50 100
52 48.3 21.8 40.6#



#6
Bromomethane
Concen: 0.125 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV028742.D
Acq: 28 Oct 2022 01:54

Tgt Ion: 94 Resp: 935
Ion Ratio Lower Upper
94 100
96 82.6 64.3 119.3

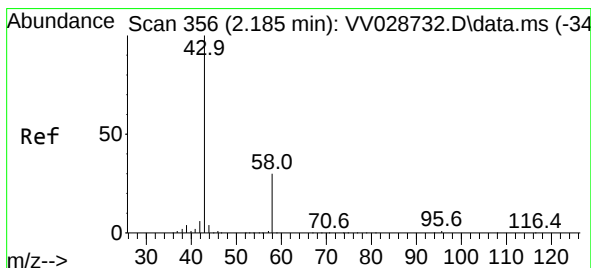
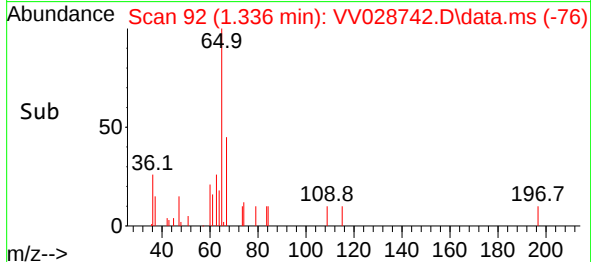
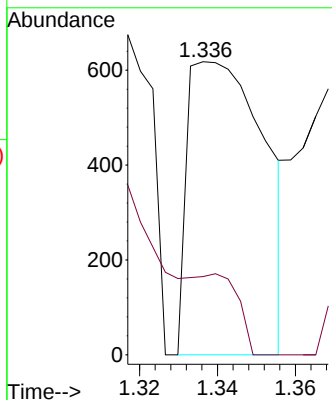
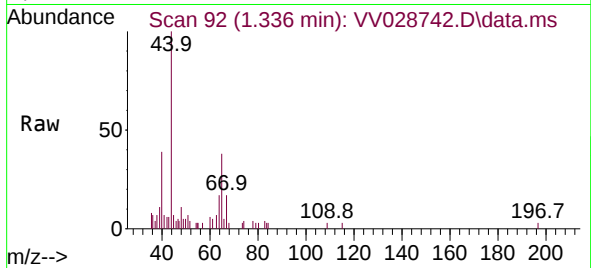




#8
Chloroethane
Concen: 0.080 ug/L
RT: 1.336 min Scan# 91
Delta R.T. -0.247 min
Lab File: VV028742.D
Acq: 28 Oct 2022 01:54

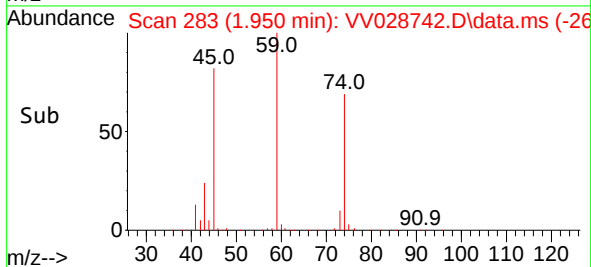
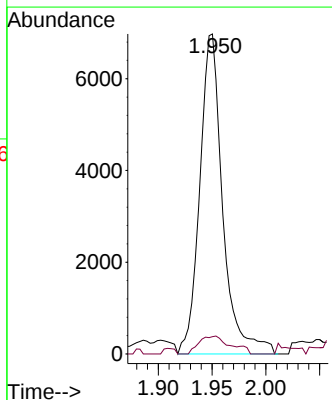
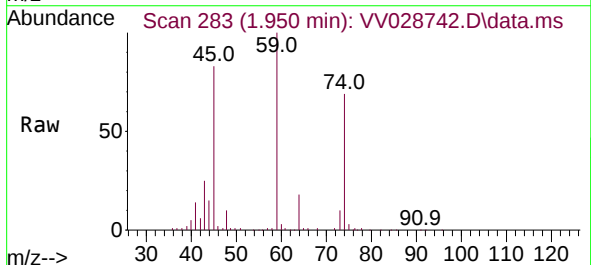
Instrument :
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ClientSampleId :
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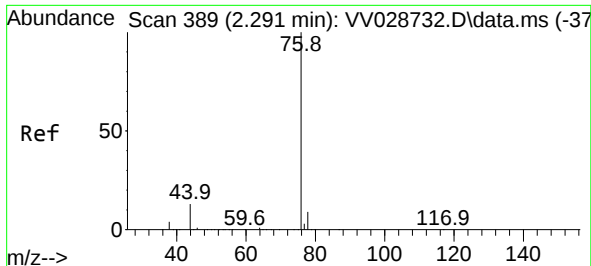
Tgt Ion: 64 Resp: 845
Ion Ratio Lower Upper
64 100
66 26.7 23.9 44.5



#13
Acetone
Concen: 5.510 ug/L
RT: 1.950 min Scan# 283
Delta R.T. -0.235 min
Lab File: VV028742.D
Acq: 28 Oct 2022 01:54

Tgt Ion: 43 Resp: 10345
Ion Ratio Lower Upper
43 100
58 6.8 0.0 50.2

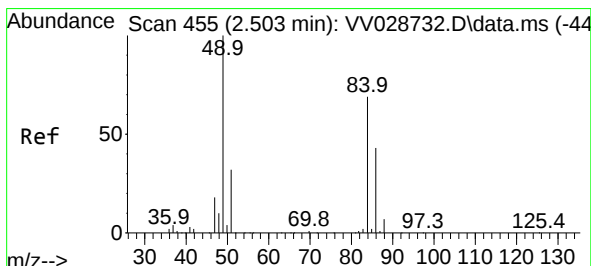
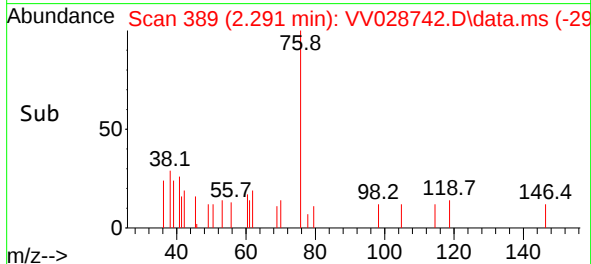
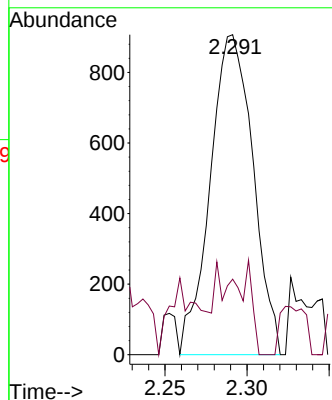
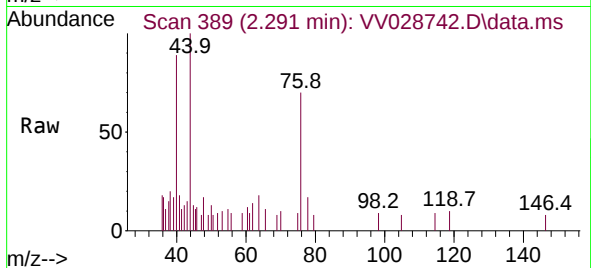




#14
Carbon disulfide
Concen: 0.065 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV028742.D
Acq: 28 Oct 2022 01:54

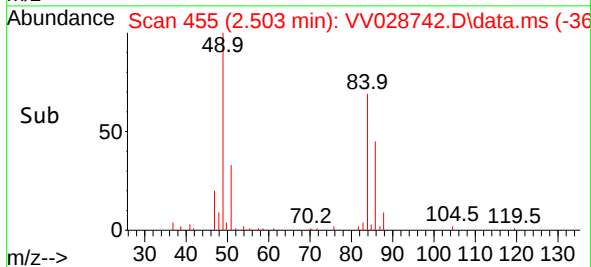
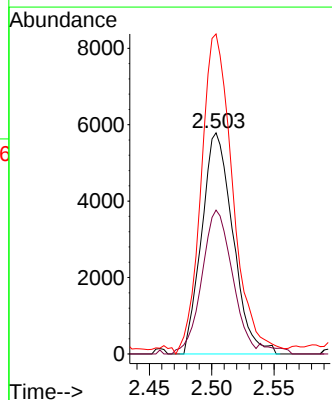
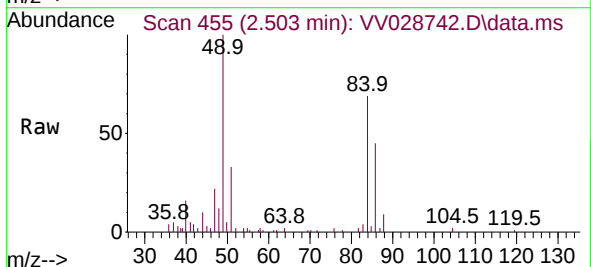
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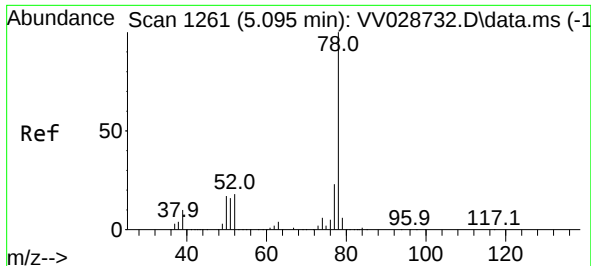
Tgt Ion: 76 Resp: 1646
Ion Ratio Lower Upper
76 100
78 23.6 7.1 10.7#



#16
Methylene chloride
Concen: 0.665 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028742.D
Acq: 28 Oct 2022 01:54

Tgt Ion: 84 Resp: 10057
Ion Ratio Lower Upper
84 100
86 65.1 44.4 82.4
49 152.3 110.8 205.8

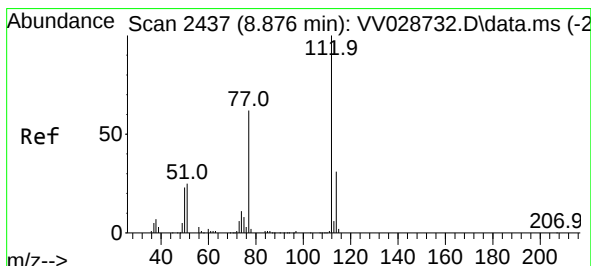
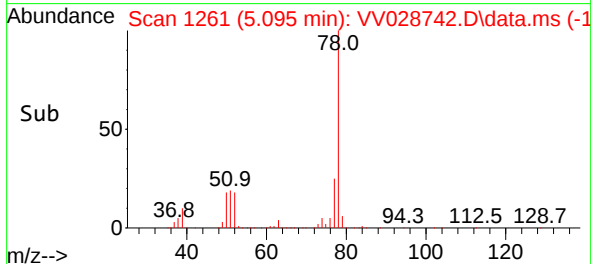
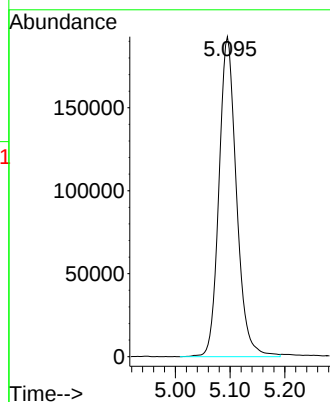
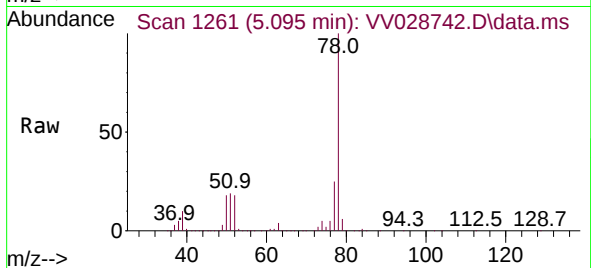




#33
Benzene
Concen: 7.809 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV028742.D
Acq: 28 Oct 2022 01:54

Instrument :
MSVOA_V
ClientSampleId :
BHA49DL

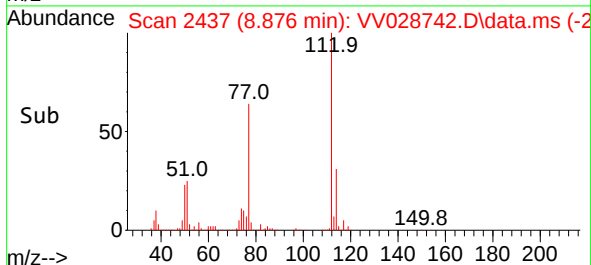
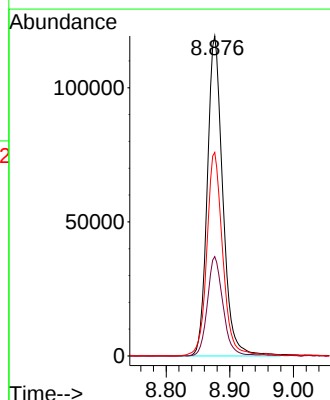
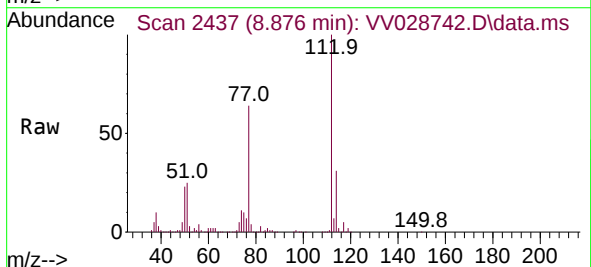
Tgt Ion: 78 Resp: 427966

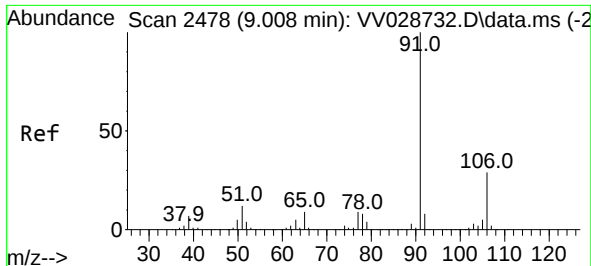


#51
Chlorobenzene
Concen: 6.180 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.000 min
Lab File: VV028742.D
Acq: 28 Oct 2022 01:54

Tgt Ion: 112 Resp: 202214

Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.0	41.0
77	63.6	50.0	75.0

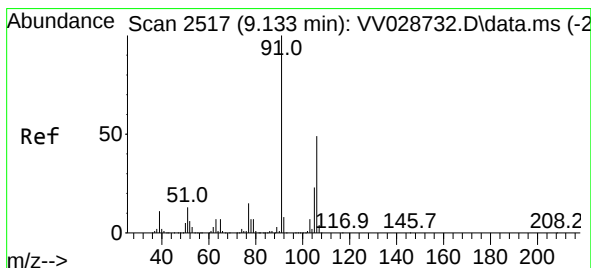
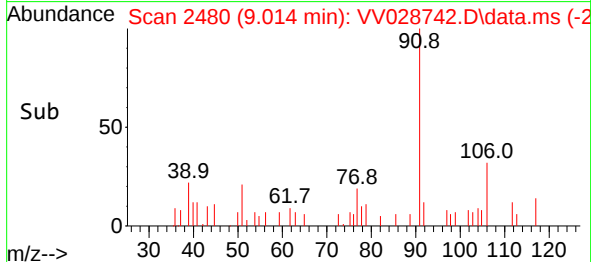
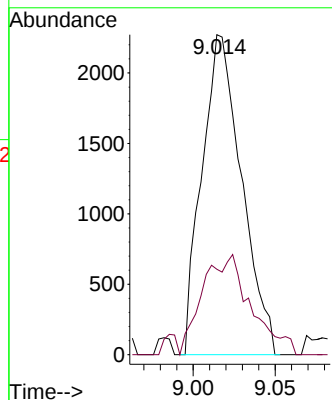
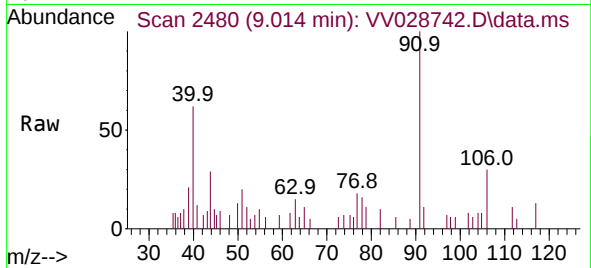




#52
Ethylbenzene
Concen: 0.066 ug/L
RT: 9.014 min Scan# 2478
Delta R.T. 0.007 min
Lab File: VV028742.D
Acq: 28 Oct 2022 01:54

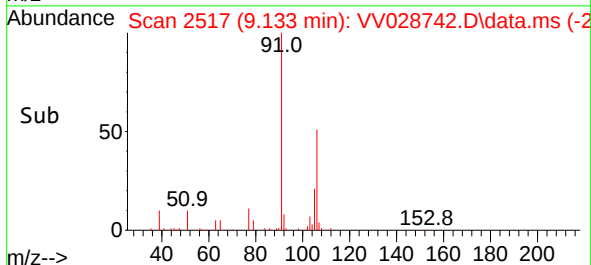
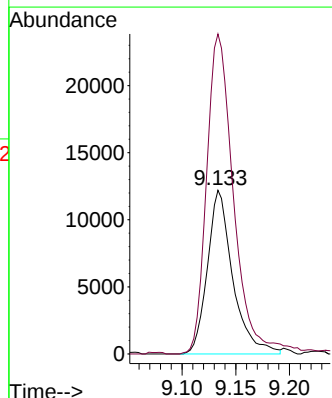
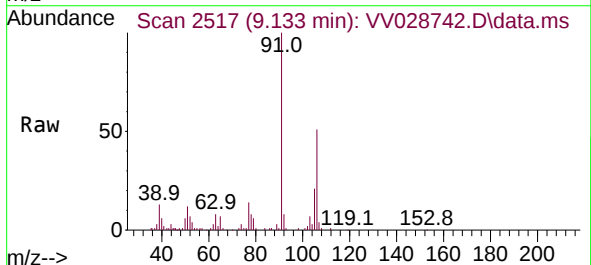
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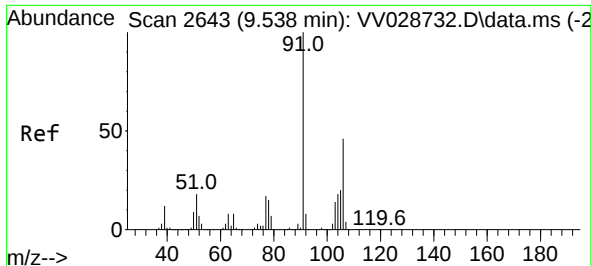
Tgt Ion: 91 Resp: 3815
Ion Ratio Lower Upper
91 100
106 26.7 21.3 39.6



#53
m,p-Xylene
Concen: 0.961 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV028742.D
Acq: 28 Oct 2022 01:54

Tgt Ion: 106 Resp: 20031
Ion Ratio Lower Upper
106 100
91 195.6 145.5 270.1

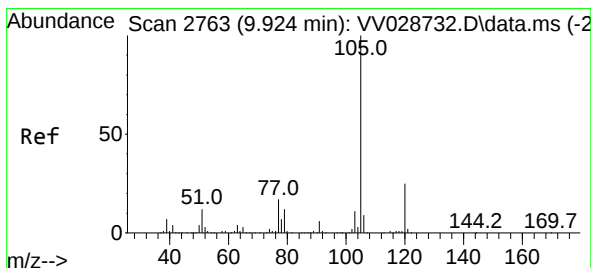
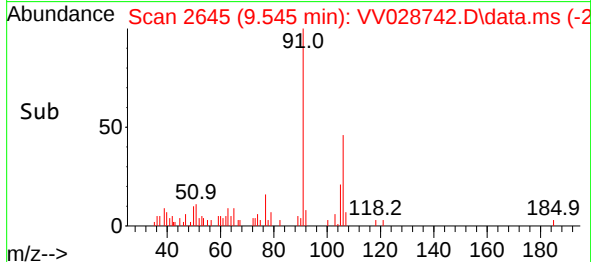
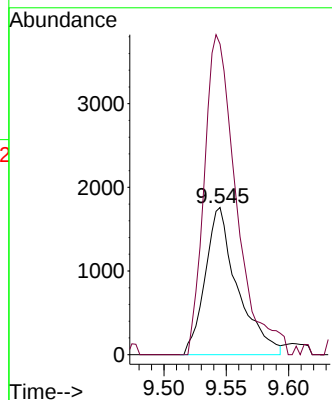
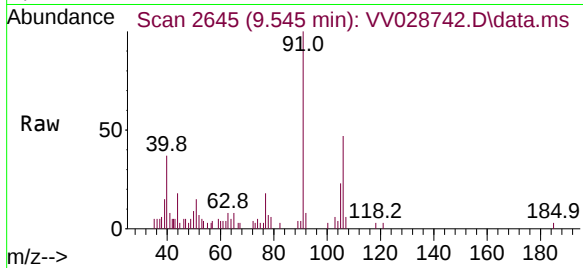




#54
o-Xylene
Concen: 0.151 ug/L
RT: 9.545 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV028742.D
Acq: 28 Oct 2022 01:54

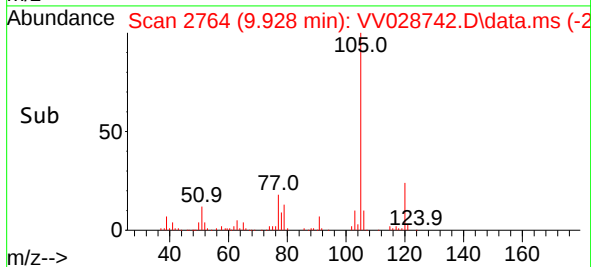
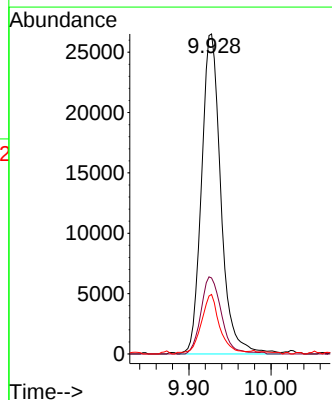
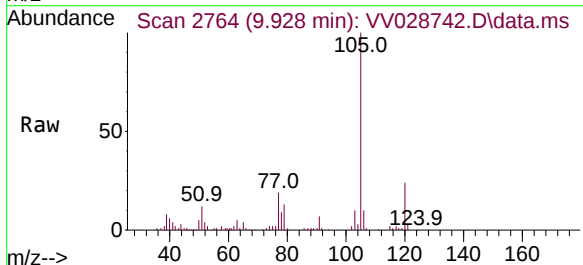
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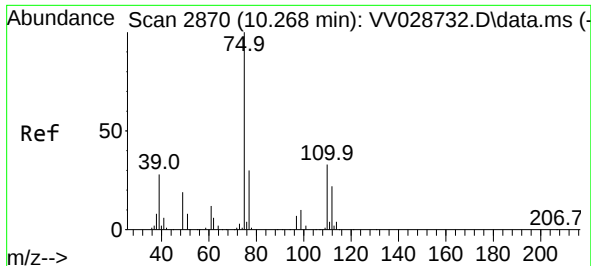
Tgt Ion:106 Resp: 3176
Ion Ratio Lower Upper
106 100
91 210.9 159.0 295.4



#60
Isopropylbenzene
Concen: 0.841 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.003 min
Lab File: VV028742.D
Acq: 28 Oct 2022 01:54

Tgt Ion:105 Resp: 43431
Ion Ratio Lower Upper
105 100
120 25.6 20.1 30.1
77 17.9 13.4 20.0

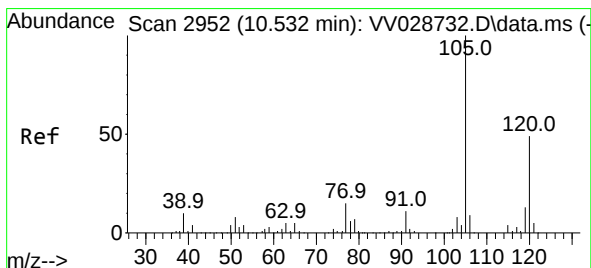
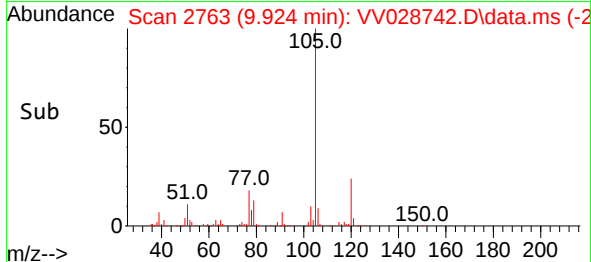
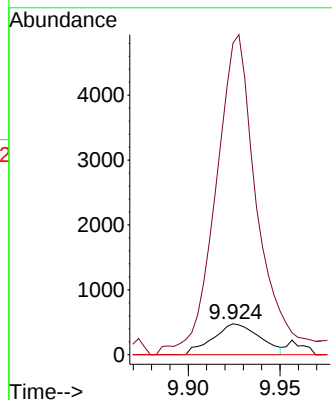
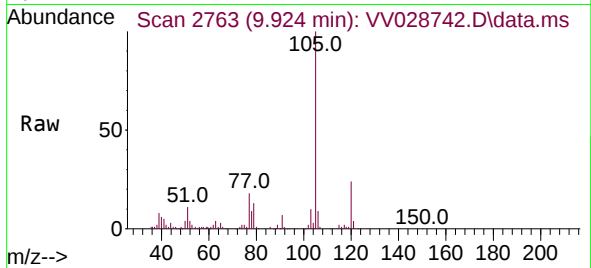




#61
1,2,3-Trichloropropane
Concen: 0.120 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.344 min
Lab File: VV028742.D
Acq: 28 Oct 2022 01:54

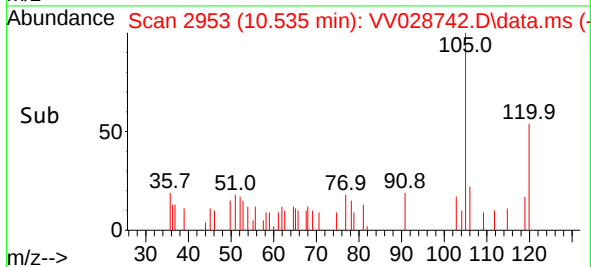
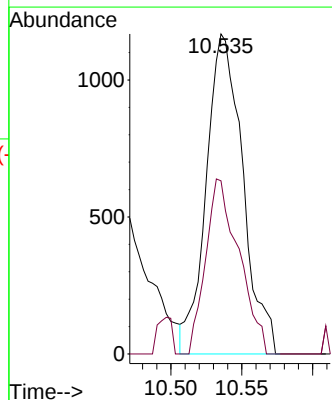
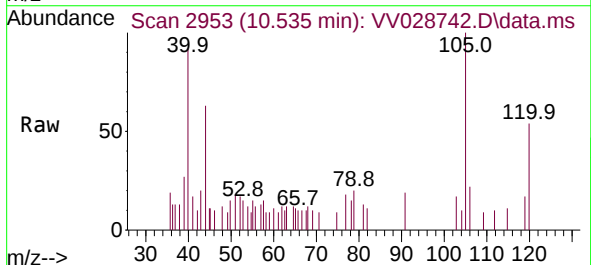
Instrument :
MSVOA_V
ClientSampleId :
BHA49DL

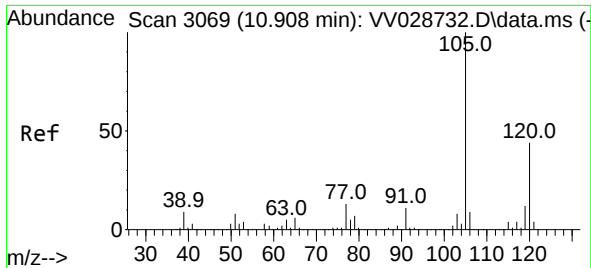
Tgt Ion: 75 Resp: 844
Ion Ratio Lower Upper
75 100
77 919.1 25.2 37.8#
110 2.4 27.9 41.9#



#62
1,3,5-Trimethylbenzene
Concen: 0.139 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV028742.D
Acq: 28 Oct 2022 01:54

Tgt Ion: 105 Resp: 2094
Ion Ratio Lower Upper
105 100
120 49.9 38.3 57.5

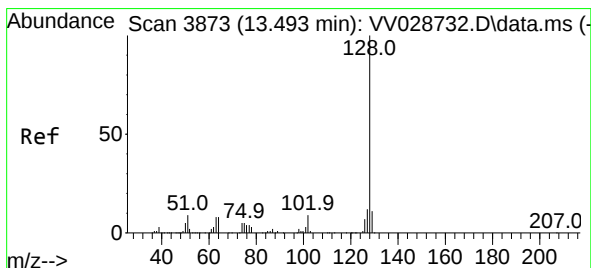
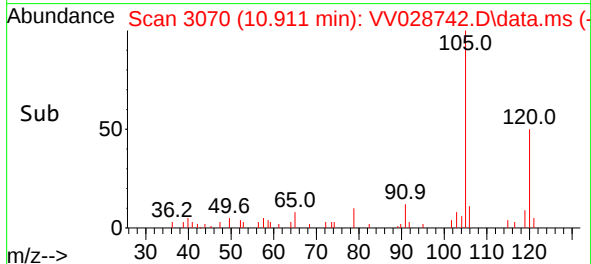
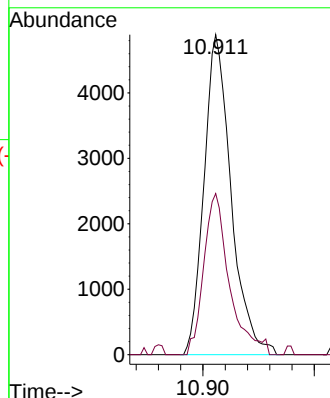
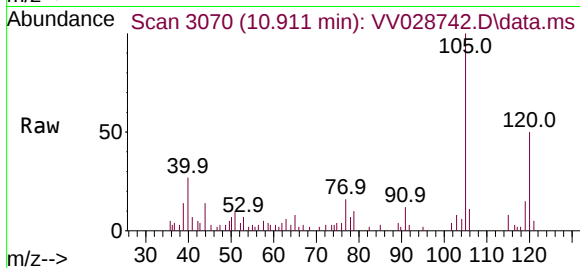




#63
1,2,4-Trimethylbenzene
Concen: 0.197 ug/L
RT: 10.911 min Scan# 3069
Delta R.T. 0.003 min
Lab File: VV028742.D
Acq: 28 Oct 2022 01:54

Instrument :
MSVOA_V
ClientSampleId :
BHA49DL

Tgt Ion:105 Resp: 8240
Ion Ratio Lower Upper
105 100
120 47.7 36.2 54.2



#71
Naphthalene
Concen: 0.102 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.013 min
Lab File: VV028742.D
Acq: 28 Oct 2022 01:54

Tgt Ion:128 Resp: 2242
Ion Ratio Lower Upper
128 100
129 9.2 8.9 13.3
127 18.1 10.2 15.4#

