

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102122\
 Data File : VW028673.D
 Acq On : 21 Oct 2022 19:57
 Operator : SY/MD
 Sample : N5233-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA51

Quant Time: Oct 21 23:06:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 22:58:36 2022
 Response via : Initial Calibration

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

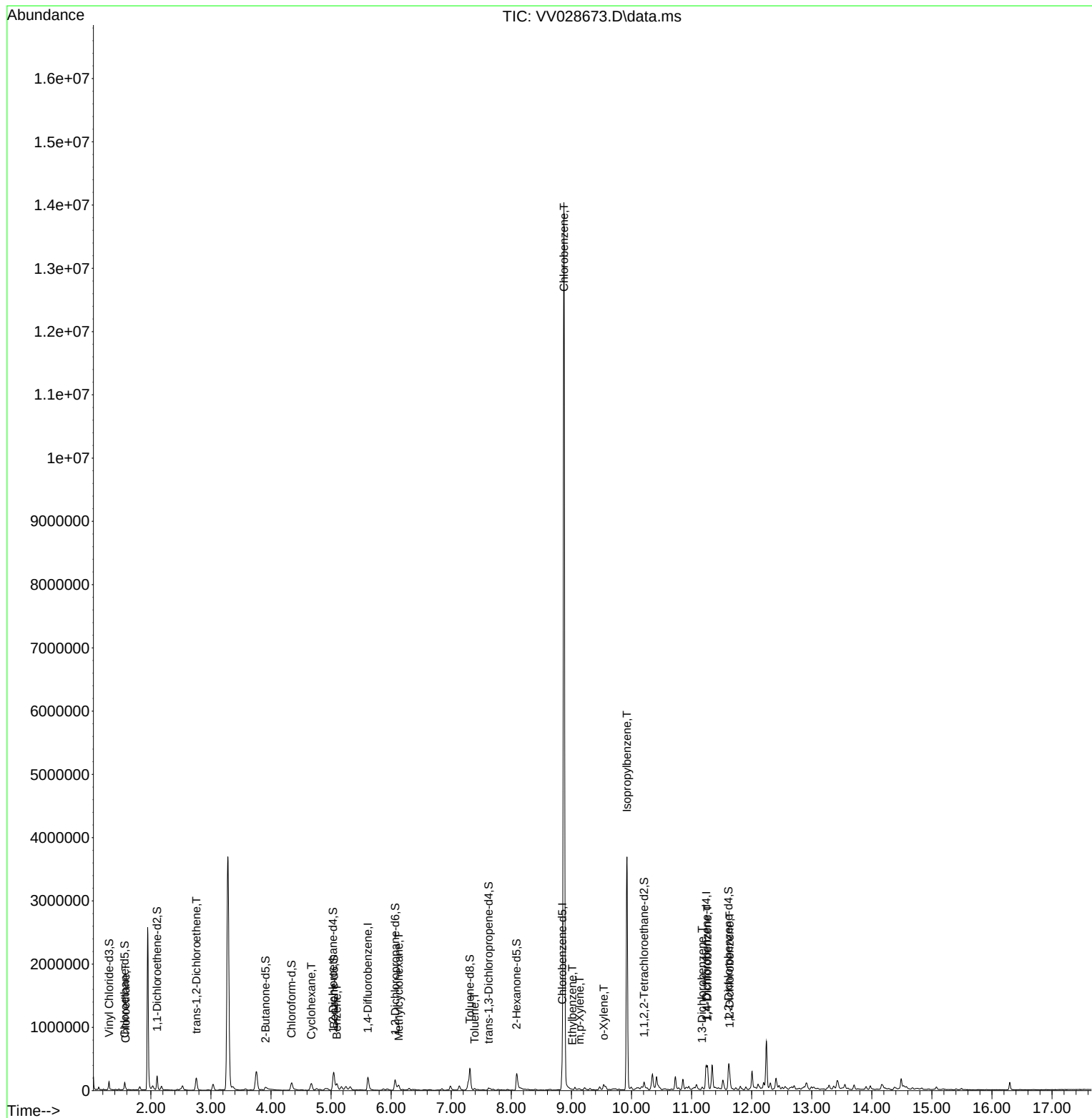
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	169764	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.847	117	163074	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	79949	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81712	4.862	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.564	69	70543	5.340	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	2.105	63	117499	4.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	3.908	46	124450	39.340	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.680%
24) Chloroform-d	4.342	84	118842	4.767	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.030	65	58356	4.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.047	84	252766	3.562	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
36) 1,2-Dichloropropane-d6	6.066	67	84149	3.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.600%
41) Toluene-d8	7.310	98	217913	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.622	79	19428	3.597	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.000%
46) 2-Hexanone-d5	8.088	63	114284	50.962	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.920%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	53109	5.054	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	71508	4.976	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.580	64	13985	1.306	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	2077	0.174	ug/L	70
30) Cyclohexane	4.670	56	56621	1.839	ug/L	98
33) Benzene	5.095	78	100289	1.311	ug/L	100
35) Methylcyclohexane	6.127	83	27526	0.993	ug/L	85
42) Toluene	7.387	91	19186	0.303	ug/L	97
51) Chlorobenzene	8.876	112	6350180	171.445	ug/L	96
52) Ethylbenzene	9.014	91	5194	0.079	ug/L	96
53) m,p-Xylene	9.136	106	2473	0.103	ug/L	74
54) o-Xylene	9.538	106	17549	0.739	ug/L	100
60) Isopropylbenzene	9.924	105	2194904	32.849	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	14720	0.557	ug/L	96
65) 1,4-Dichlorobenzene	11.265	146	127064	4.758	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	63581	2.585	ug/L	99

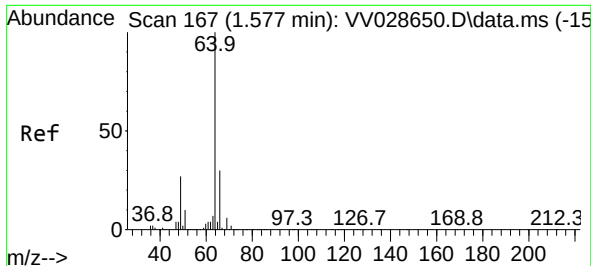
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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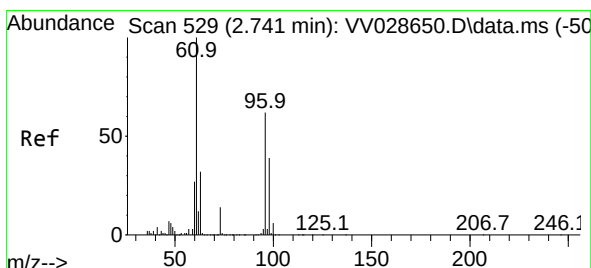
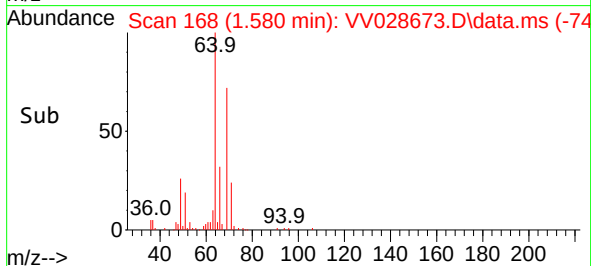
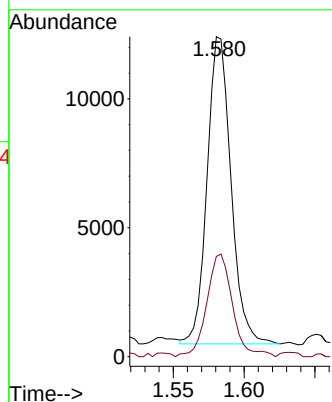
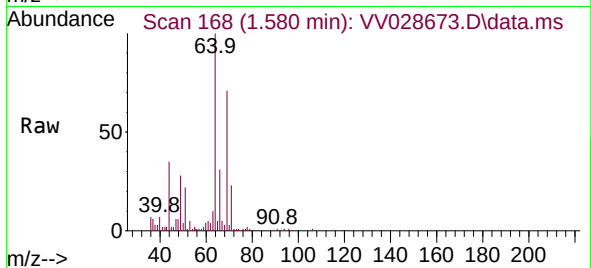




#8
Chloroethane
Concen: 1.306 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028673.D
Acq: 21 Oct 2022 19:57

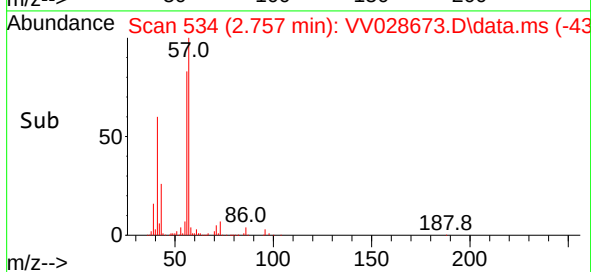
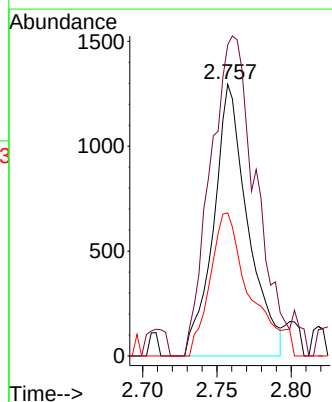
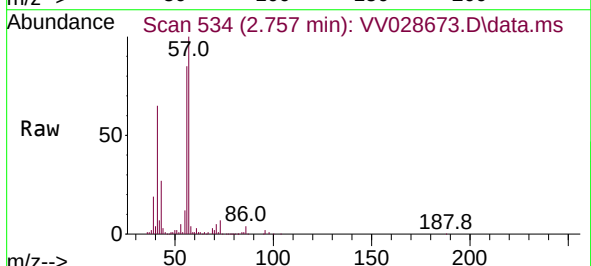
Instrument :
MSVOA_V
ClientSampleId :
BHA51

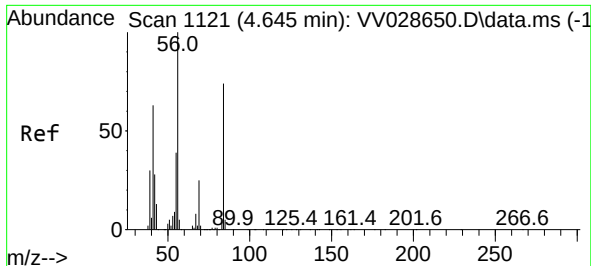
Tgt Ion: 64 Resp: 13985
Ion Ratio Lower Upper
64 100
66 31.4 23.9 44.5



#18
trans-1,2-Dichloroethene
Concen: 0.174 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.016 min
Lab File: VV028673.D
Acq: 21 Oct 2022 19:57

Tgt Ion: 96 Resp: 2077
Ion Ratio Lower Upper
96 100
61 114.6 114.3 212.3
98 52.7 45.0 83.6

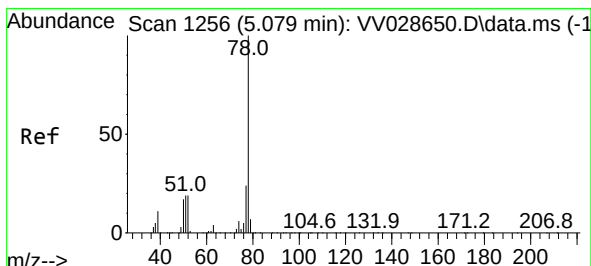
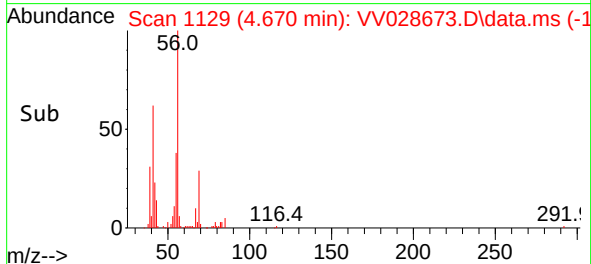
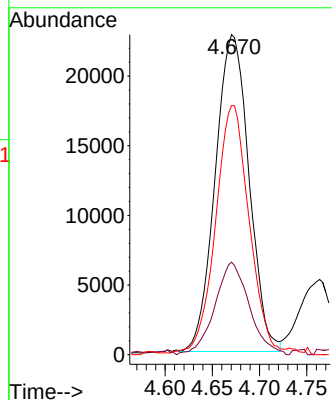
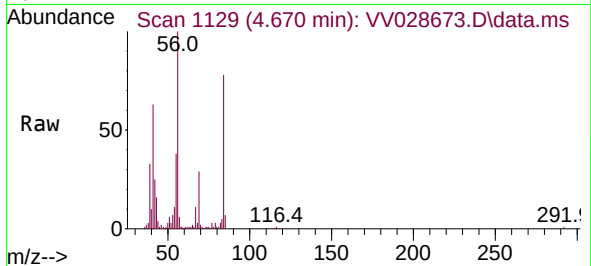




#30
Cyclohexane
Concen: 1.839 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.026 min
Lab File: VV028673.D
Acq: 21 Oct 2022 19:57

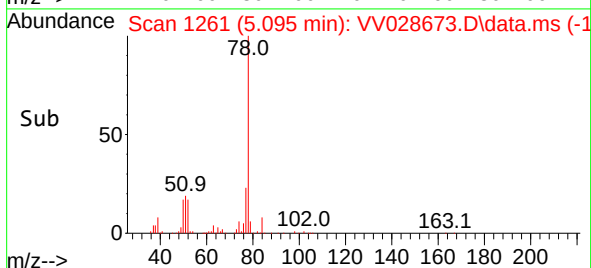
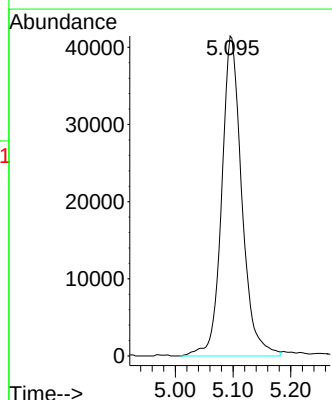
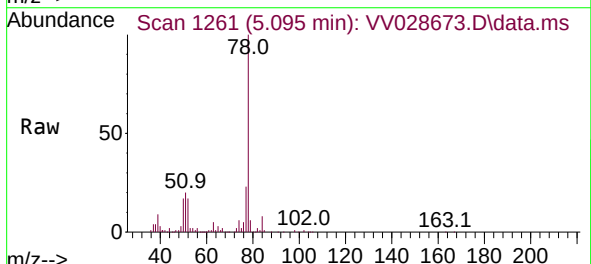
Instrument :
MSVOA_V
ClientSampleId :
BHA51

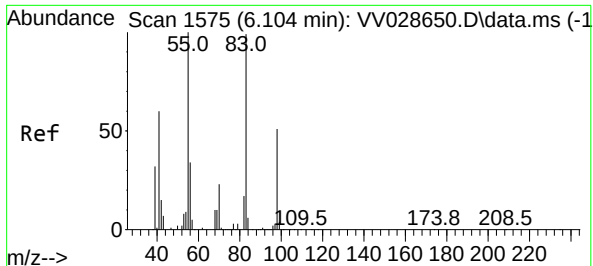
Tgt Ion: 56 Resp: 56621
Ion Ratio Lower Upper
56 100
69 29.6 22.6 34.0
84 76.7 60.4 90.6



#33
Benzene
Concen: 1.311 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.016 min
Lab File: VV028673.D
Acq: 21 Oct 2022 19:57

Tgt Ion: 78 Resp: 100289



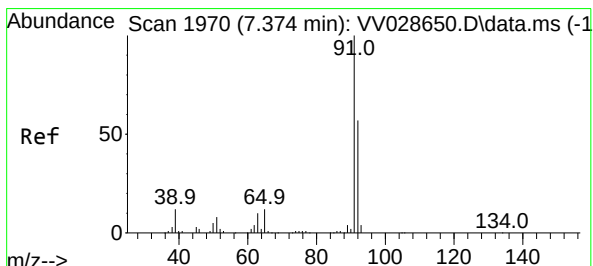
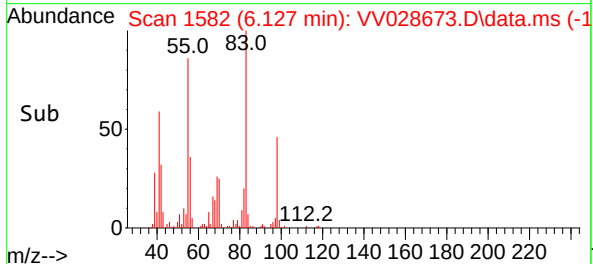
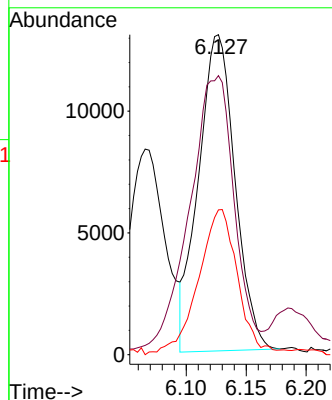
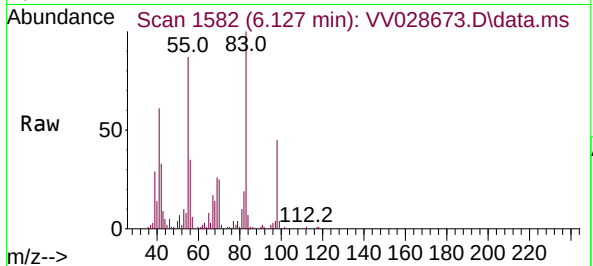


#35
Methylcyclohexane
Concen: 0.993 ug/L
RT: 6.127 min Scan# 11
Delta R.T. 0.022 min
Lab File: VV028673.D
Acq: 21 Oct 2022 19:57

Instrument :
MSVOA_V
ClientSampleId :
BHA51

Tgt Ion: 83 Resp: 27526

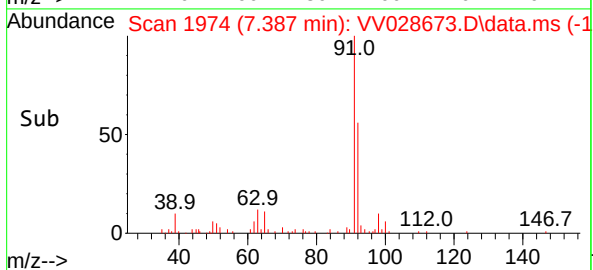
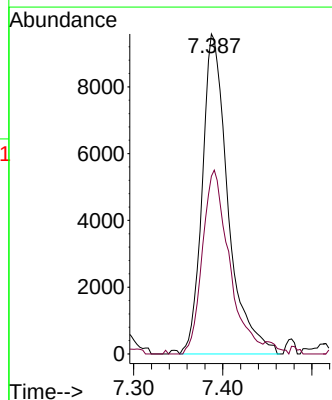
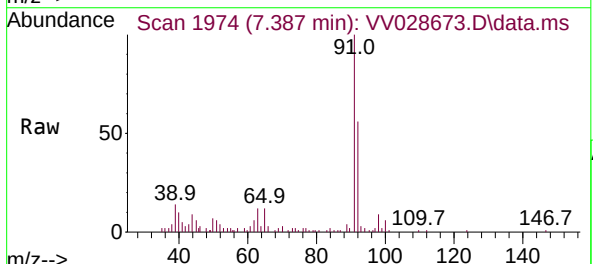
Ion	Ratio	Lower	Upper
83	100		
55	104.5	70.0	105.0
98	49.7	35.6	53.4

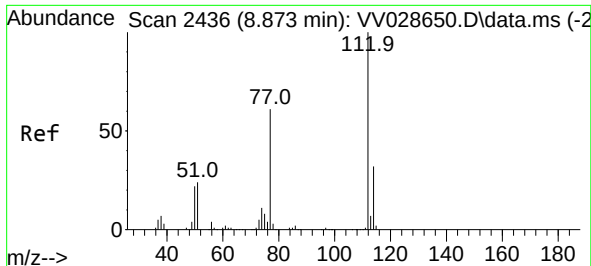


#42
Toluene
Concen: 0.303 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.013 min
Lab File: VV028673.D
Acq: 21 Oct 2022 19:57

Tgt Ion: 91 Resp: 19186

Ion	Ratio	Lower	Upper
91	100		
92	55.6	40.5	75.3

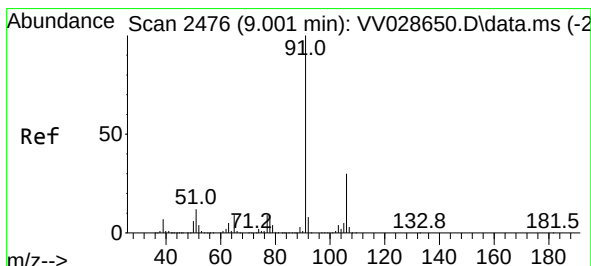
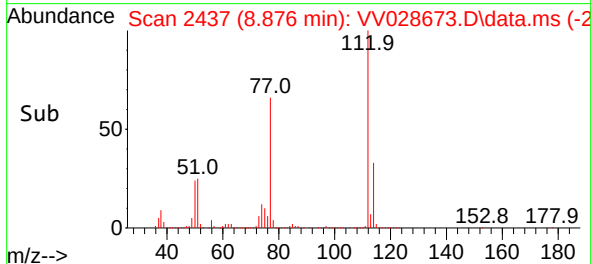
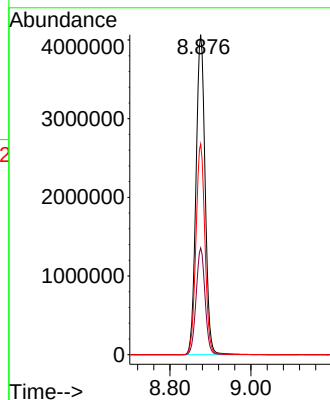
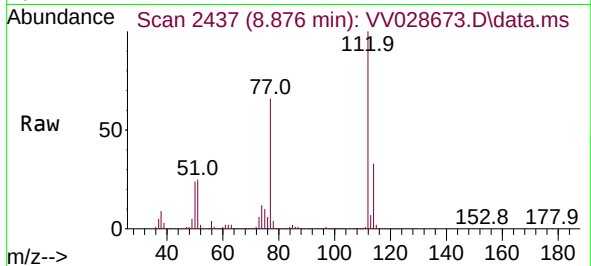




#51
Chlorobenzene
Concen: 171.445 ug/L
RT: 8.876 min Scan# 2436
Delta R.T. 0.003 min
Lab File: VV028673.D
Acq: 21 Oct 2022 19:57

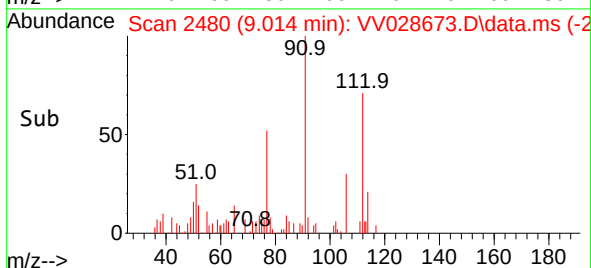
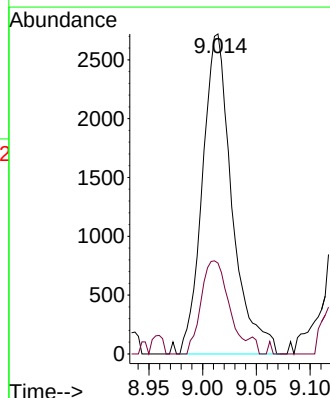
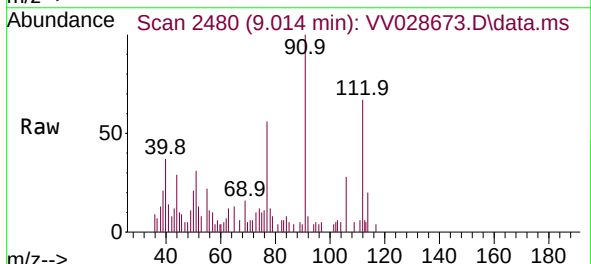
Instrument :
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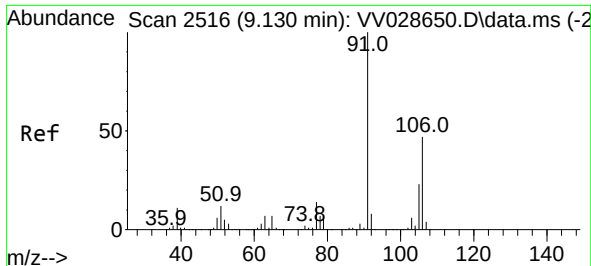
Tgt Ion:112 Resp: 6350180
Ion Ratio Lower Upper
112 100
114 33.3 22.0 41.0
77 65.8 50.0 75.0



#52
Ethylbenzene
Concen: 0.079 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.013 min
Lab File: VV028673.D
Acq: 21 Oct 2022 19:57

Tgt Ion: 91 Resp: 5194
Ion Ratio Lower Upper
91 100
106 28.4 21.3 39.6

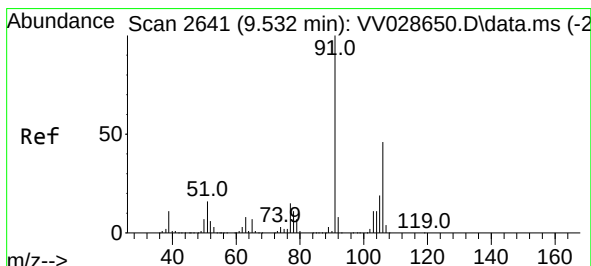
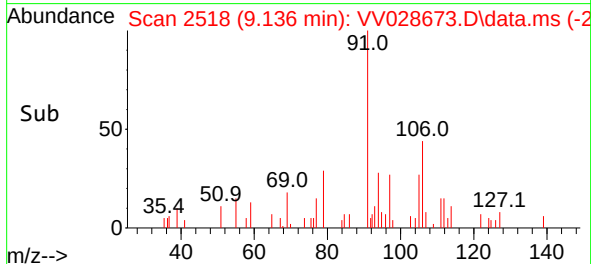
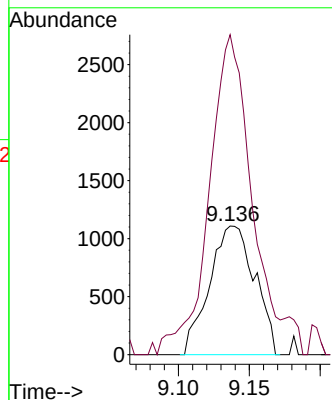
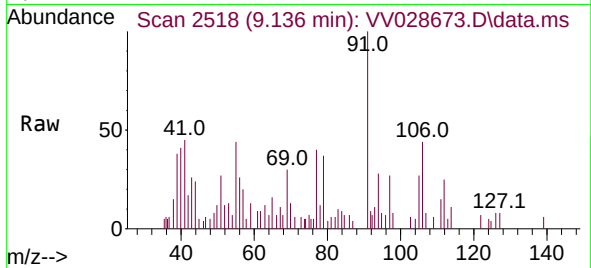




#53
m,p-Xylene
Concen: 0.103 ug/L
RT: 9.136 min Scan# 2516
Delta R.T. 0.006 min
Lab File: VV028673.D
Acq: 21 Oct 2022 19:57

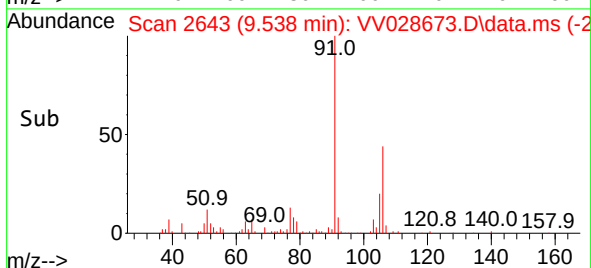
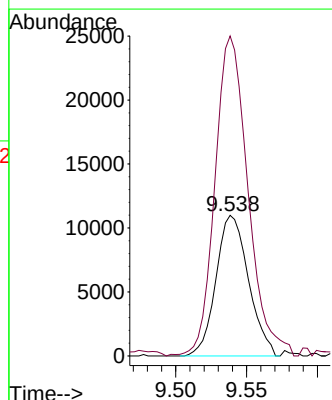
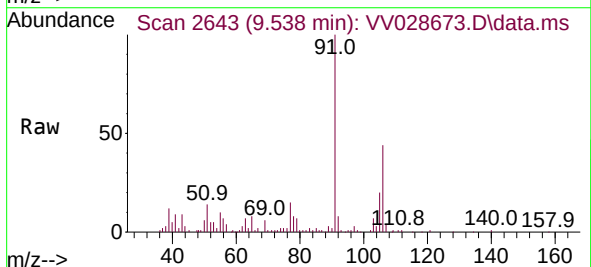
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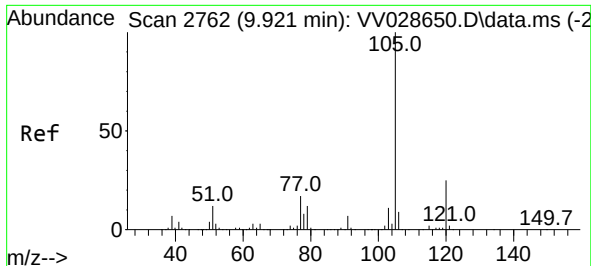
Tgt Ion:106 Resp: 2473
Ion Ratio Lower Upper
106 100
91 248.7 145.5 270.1



#54
o-Xylene
Concen: 0.739 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.006 min
Lab File: VV028673.D
Acq: 21 Oct 2022 19:57

Tgt Ion:106 Resp: 17549
Ion Ratio Lower Upper
106 100
91 227.6 159.0 295.4

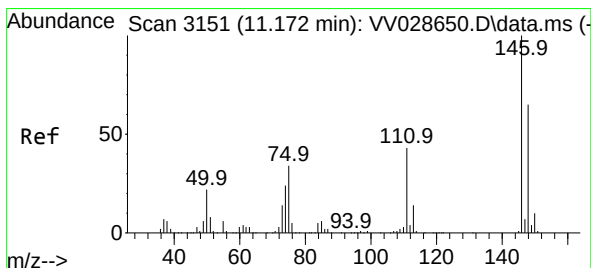
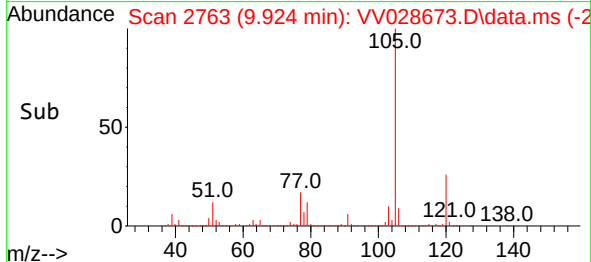
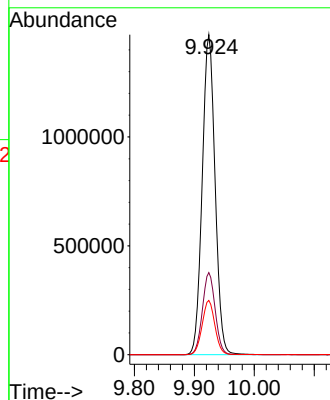
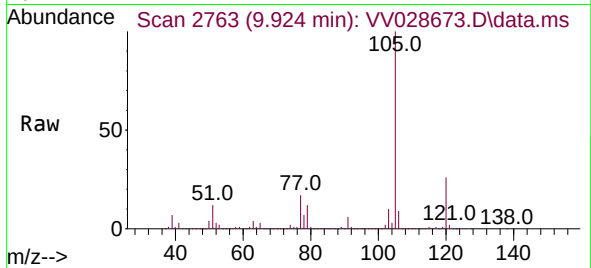




#60
Isopropylbenzene
Concen: 32.849 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028673.D
Acq: 21 Oct 2022 19:57

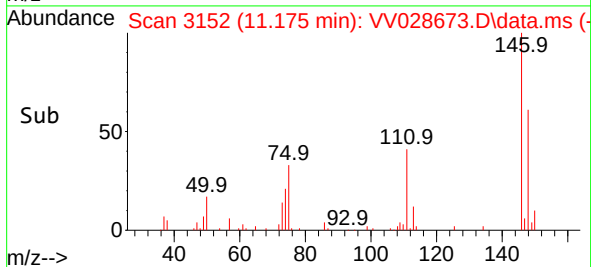
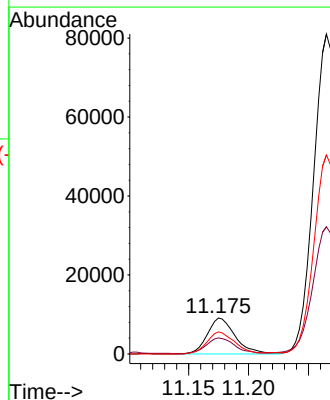
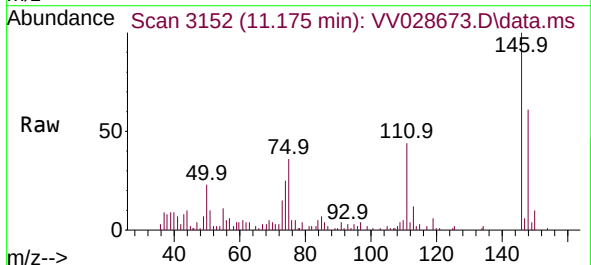
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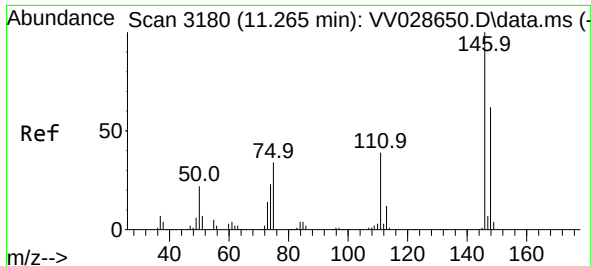
Tgt Ion:105 Resp: 2194904
Ion Ratio Lower Upper
105 100
120 25.5 20.1 30.1
77 16.8 13.4 20.0



#64
1,3-Dichlorobenzene
Concen: 0.557 ug/L
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV028673.D
Acq: 21 Oct 2022 19:57

Tgt Ion:146 Resp: 14720
Ion Ratio Lower Upper
146 100
111 44.3 29.0 53.9
148 61.1 44.5 82.7

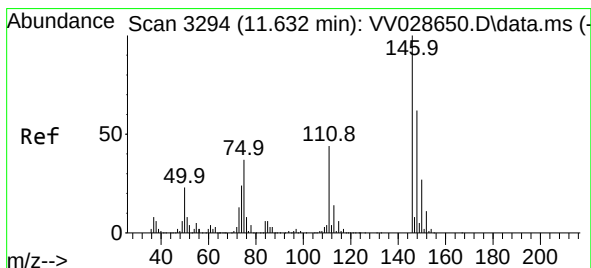
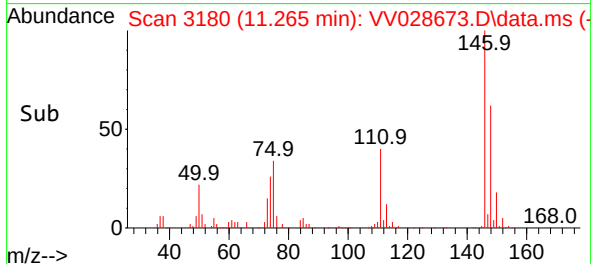
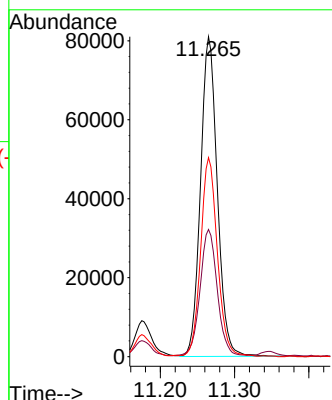
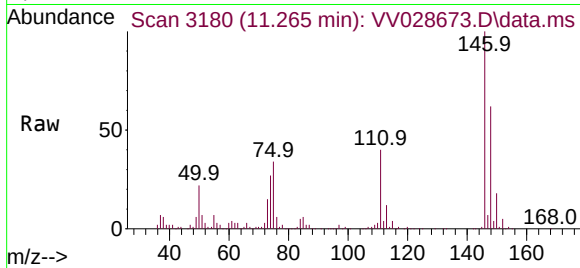




#65
 1,4-Dichlorobenzene
 Concen: 4.758 ug/L
 RT: 11.265 min Scan# 3180
 Delta R.T. -0.000 min
 Lab File: VV028673.D
 Acq: 21 Oct 2022 19:57

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA51

Tgt Ion:146 Resp: 127064
 Ion Ratio Lower Upper
 146 100
 111 39.8 28.6 53.2
 148 62.2 44.3 82.3



#67
 1,2-Dichlorobenzene
 Concen: 2.585 ug/L
 RT: 11.635 min Scan# 3295
 Delta R.T. 0.003 min
 Lab File: VV028673.D
 Acq: 21 Oct 2022 19:57

Tgt Ion:146 Resp: 63581
 Ion Ratio Lower Upper
 146 100
 111 43.5 36.2 54.4
 148 63.4 50.6 75.8

