

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028723.D
 Acq On : 27 Oct 2022 16:25
 Operator : SY/MD
 Sample : N5233-01DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA51DL

Quant Time: Oct 28 02:18:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

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

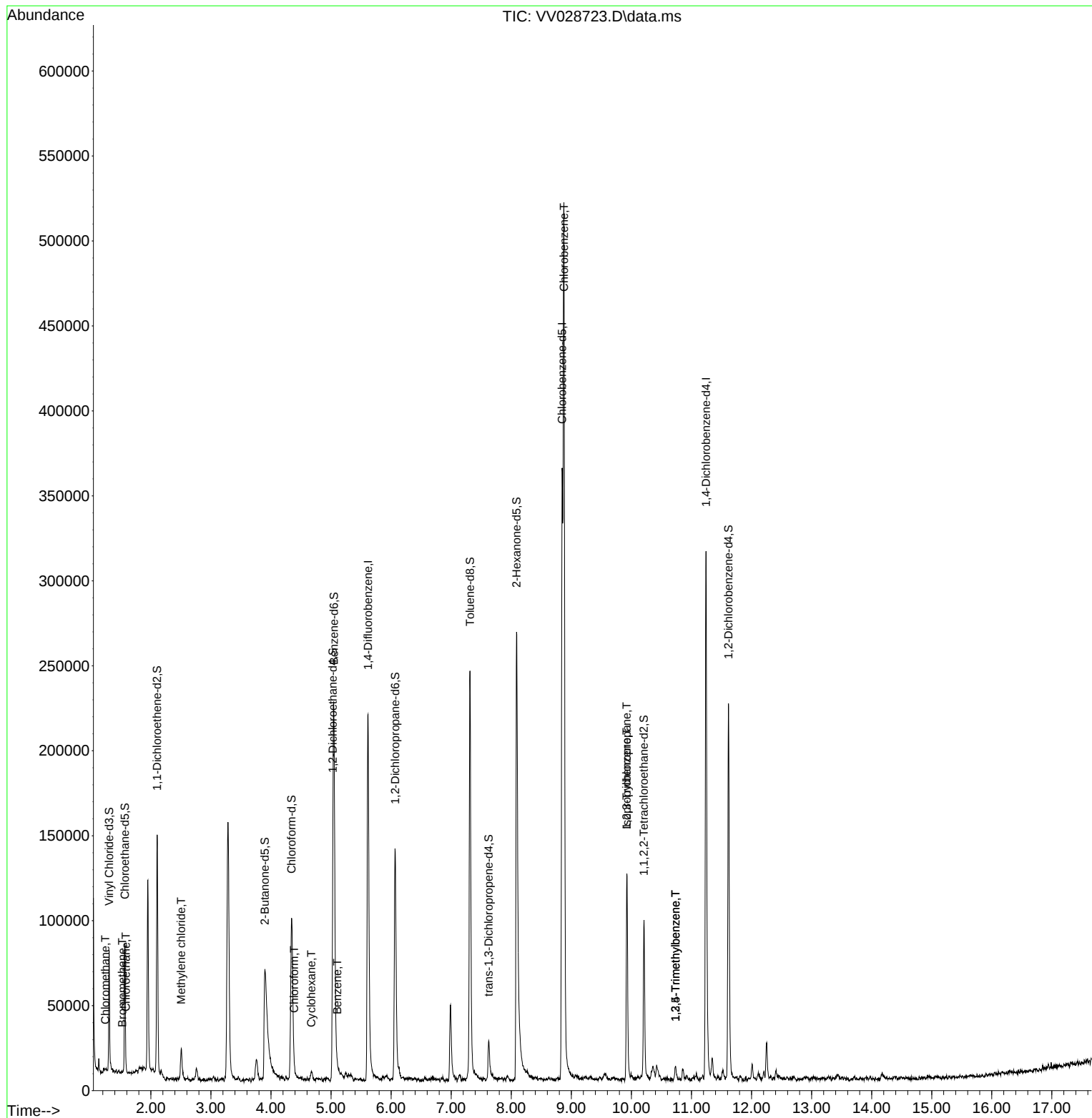
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	181265	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	167149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	73395	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49475	3.924	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.568	69	48732	4.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.105	63	77229	3.167	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.899	46	162390	56.491	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.980%
24) Chloroform-d	4.342	84	99261	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.031	65	51976	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.047	84	190598	4.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.066	67	69263	4.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.313	98	154783	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.625	79	14075	3.202	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.000%
46) 2-Hexanone-d5	8.088	63	102949	50.308	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.620%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	44703	4.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	51240	5.061	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	1526	0.107	ug/L	98
6) Bromomethane	1.523	94	752	0.111	ug/L	78
8) Chloroethane	1.584	64	1226	0.127	ug/L	90
16) Methylene chloride	2.507	84	6635	0.483	ug/L	96
25) Chloroform	4.384	83	1943	0.083	ug/L	96
30) Cyclohexane	4.670	56	3096	0.149	ug/L #	93
33) Benzene	5.101	78	4695	0.094	ug/L	100
51) Chlorobenzene	8.876	112	246291	8.257	ug/L	100
60) Isopropylbenzene	9.924	105	74682	1.617	ug/L	99
61) 1,2,3-Trichloropropane	9.924	75	1148	0.182	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.734	105	4398	0.326	ug/L #	77
63) 1,2,4-Trimethylbenzene	10.734	105	4398	0.118	ug/L #	80

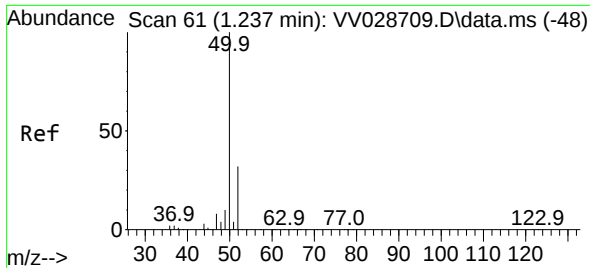
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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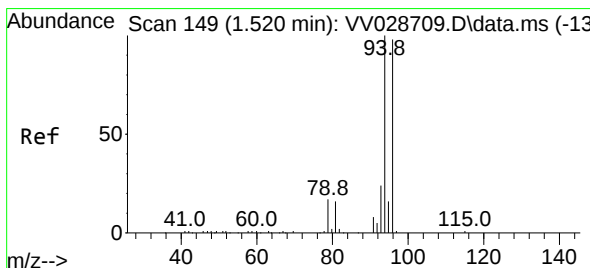
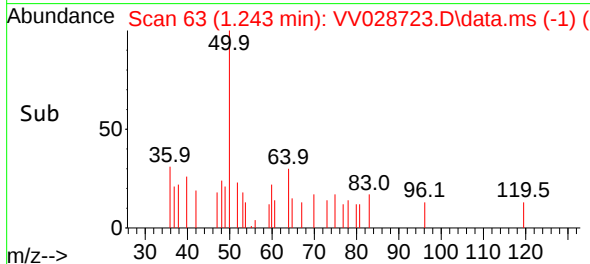
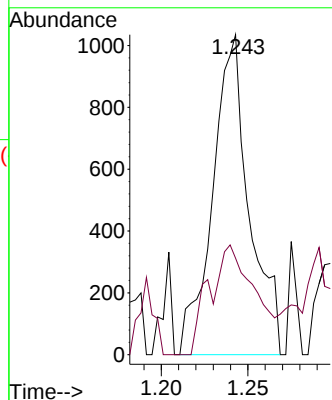
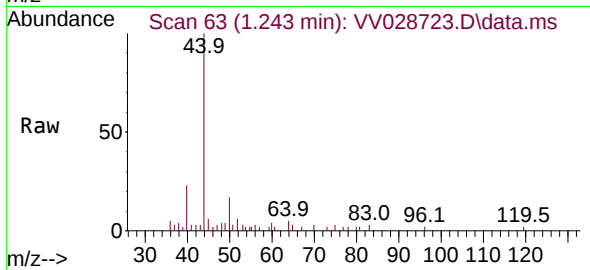




#3
Chloromethane
Concen: 0.107 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV028723.D
Acq: 27 Oct 2022 16:25

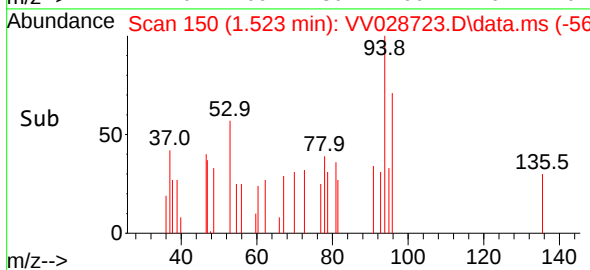
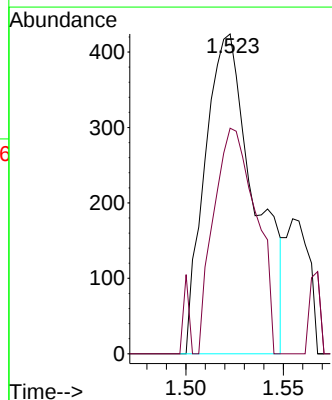
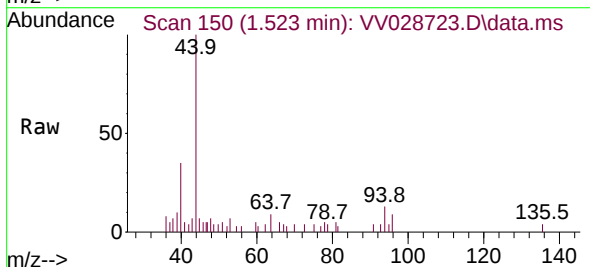
Instrument :
MSVOA_V
ClientSampleId :
BHA51DL

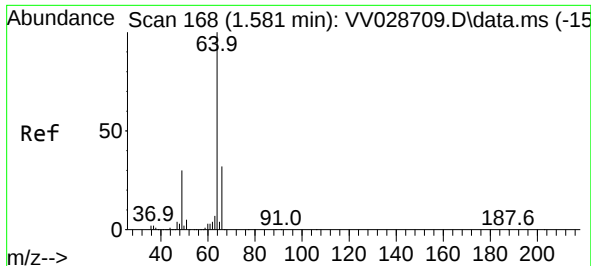
Tgt Ion: 50 Resp: 1526
Ion Ratio Lower Upper
50 100
52 30.1 21.8 40.6



#6
Bromomethane
Concen: 0.111 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV028723.D
Acq: 27 Oct 2022 16:25

Tgt Ion: 94 Resp: 752
Ion Ratio Lower Upper
94 100
96 70.5 64.3 119.3

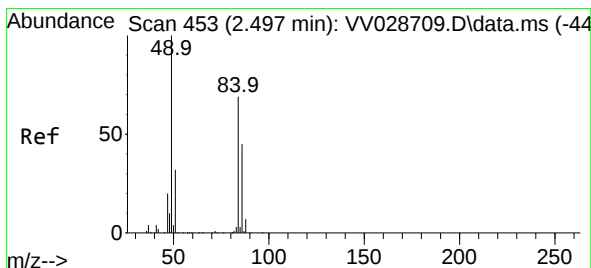
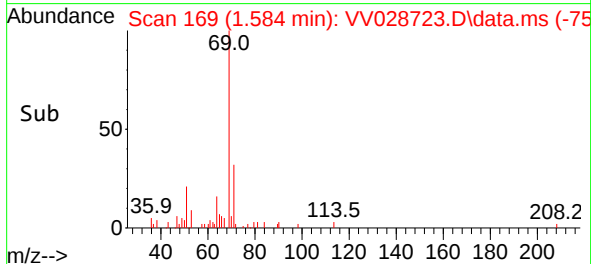
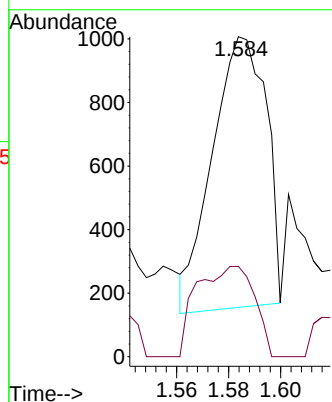
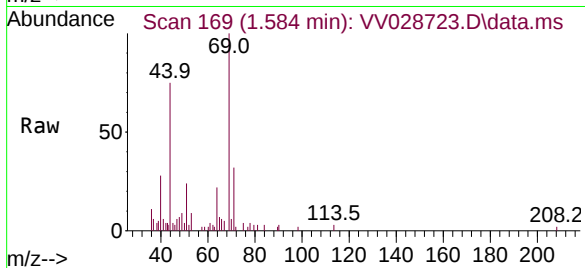




#8
Chloroethane
Concen: 0.127 ug/L
RT: 1.584 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028723.D
Acq: 27 Oct 2022 16:25

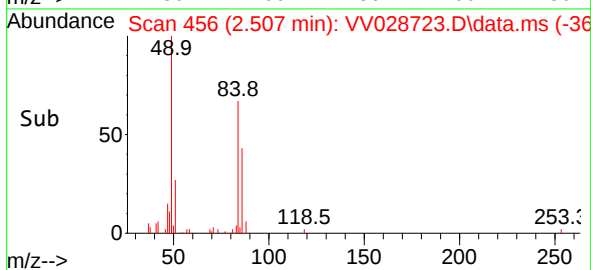
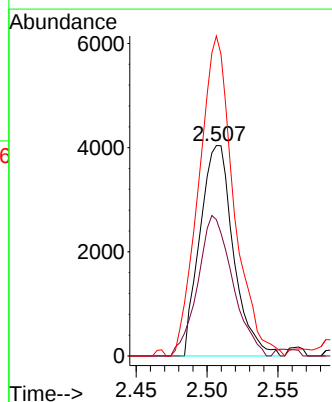
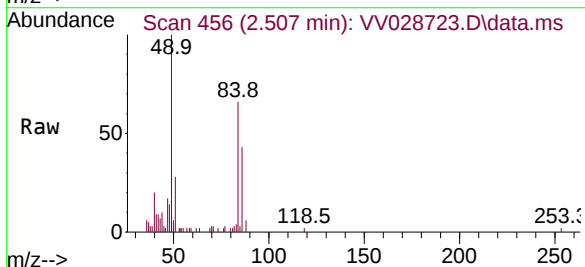
Instrument :
MSVOA_V
ClientSampleId :
BHA51DL

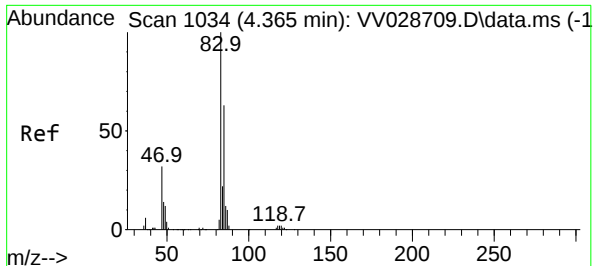
Tgt Ion: 64 Resp: 1226
Ion Ratio Lower Upper
64 100
66 28.2 23.9 44.5



#16
Methylene chloride
Concen: 0.483 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.010 min
Lab File: VV028723.D
Acq: 27 Oct 2022 16:25

Tgt Ion: 84 Resp: 6635
Ion Ratio Lower Upper
84 100
86 64.8 44.4 82.4
49 152.1 110.8 205.8





#25

Chloroform

Concen: 0.083 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.019 min

Lab File: VV028723.D

Acq: 27 Oct 2022 16:25

Instrument :

MSVOA_V

ClientSampleId :

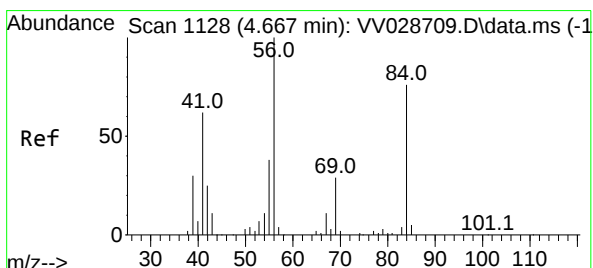
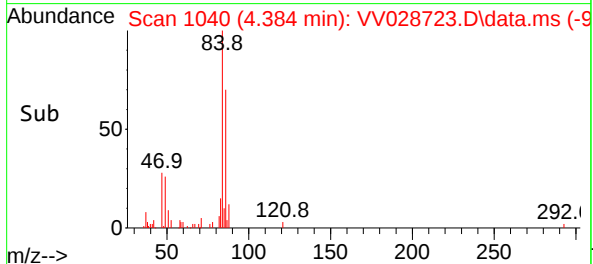
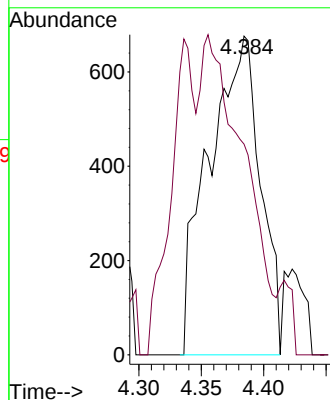
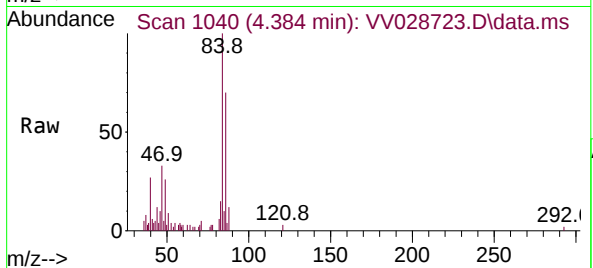
BHA51DL

Tgt Ion: 83 Resp: 1943

Ion Ratio Lower Upper

83 100

85 66.1 44.1 81.9



#30

Cyclohexane

Concen: 0.149 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV028723.D

Acq: 27 Oct 2022 16:25

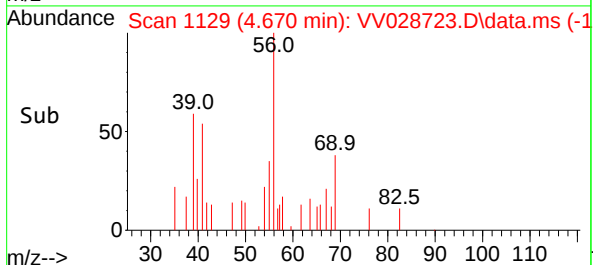
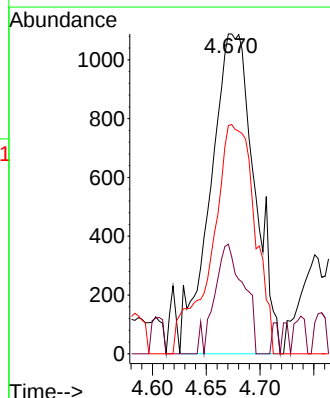
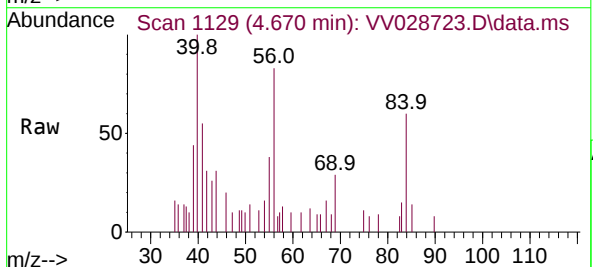
Tgt Ion: 56 Resp: 3096

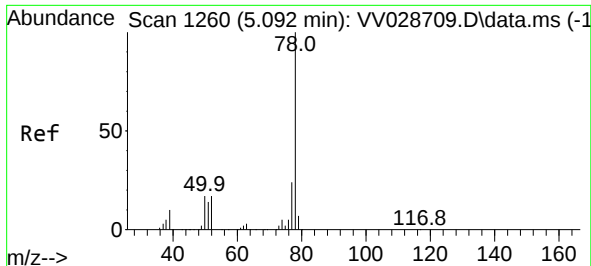
Ion Ratio Lower Upper

56 100

69 22.5 22.6 34.0#

84 70.6 60.4 90.6

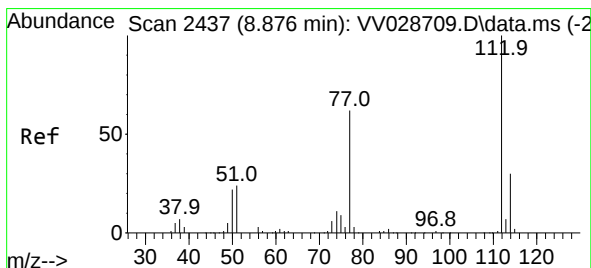
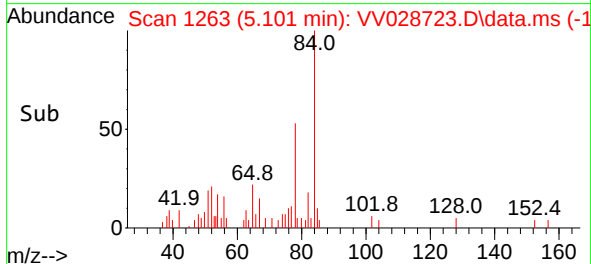
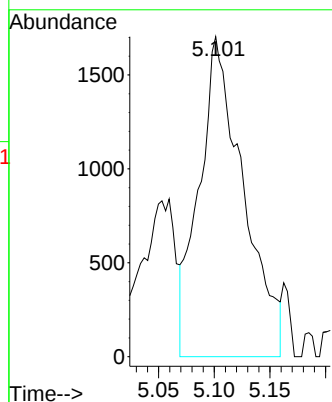
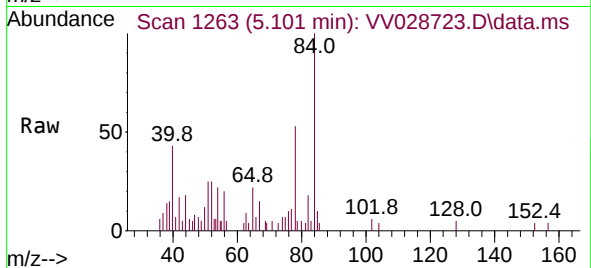




#33
Benzene
Concen: 0.094 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VV028723.D
Acq: 27 Oct 2022 16:25

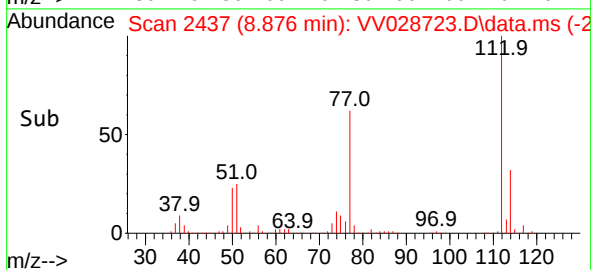
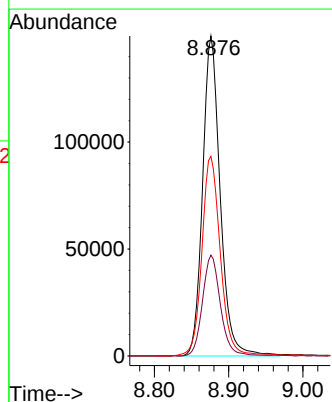
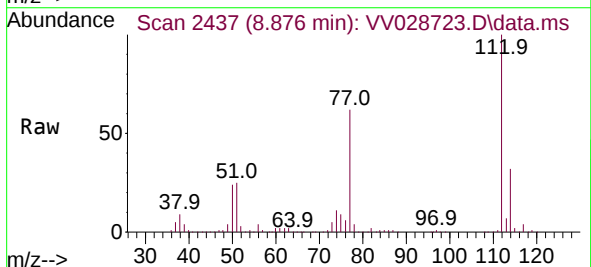
Instrument :
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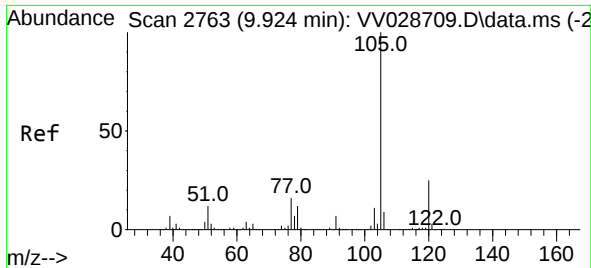
Tgt Ion: 78 Resp: 4695



#51
Chlorobenzene
Concen: 8.257 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.000 min
Lab File: VV028723.D
Acq: 27 Oct 2022 16:25

Tgt Ion: 112 Resp: 246291
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 62.4 50.0 75.0

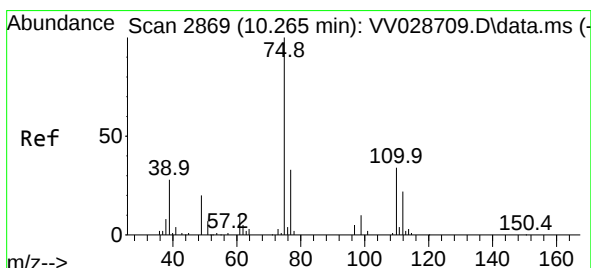
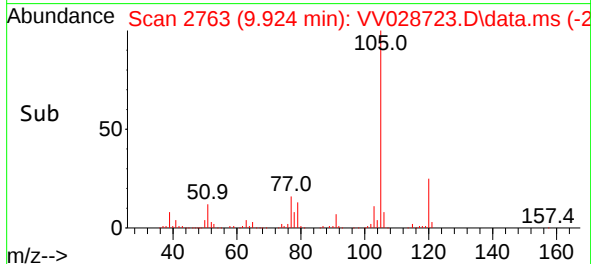
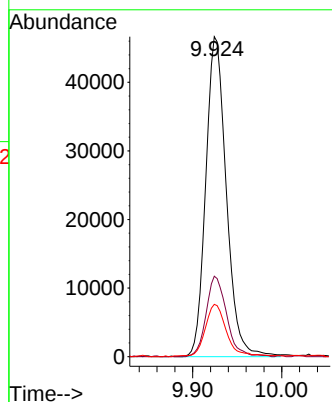
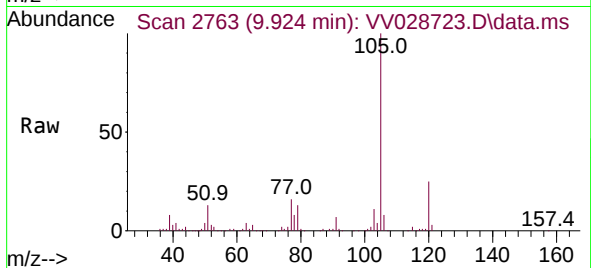




#60
Isopropylbenzene
Concen: 1.617 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VV028723.D
Acq: 27 Oct 2022 16:25

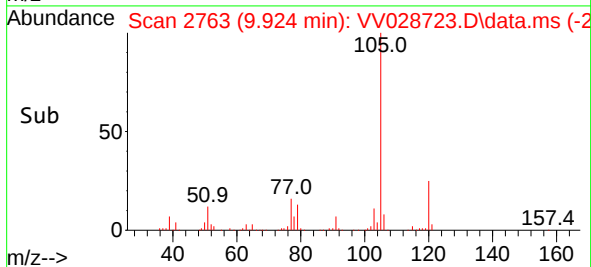
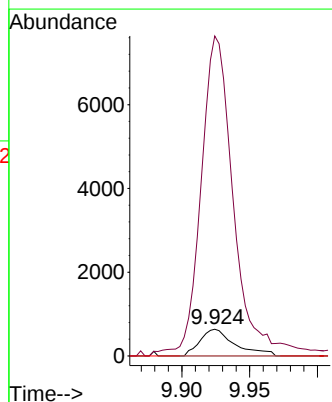
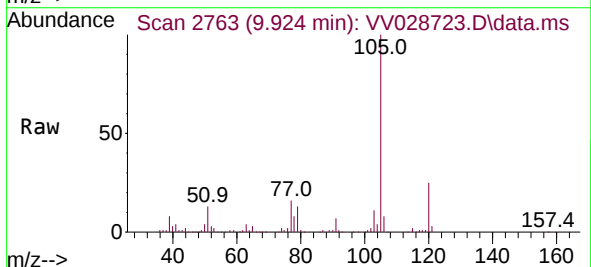
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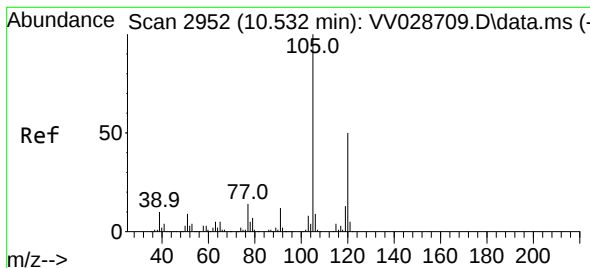
Tgt Ion:105 Resp: 74682
Ion Ratio Lower Upper
105 100
120 25.1 20.1 30.1
77 17.3 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 0.182 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. -0.341 min
Lab File: VV028723.D
Acq: 27 Oct 2022 16:25

Tgt Ion: 75 Resp: 1148
Ion Ratio Lower Upper
75 100
77 1124.4 25.2 37.8#
110 5.7 27.9 41.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.326 ug/L

RT: 10.734 min Scan# 3015

Delta R.T. 0.202 min

Lab File: VV028723.D

Acq: 27 Oct 2022 16:25

Instrument :

MSVOA_V

ClientSampleId :

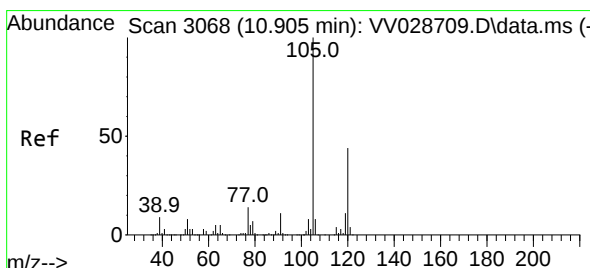
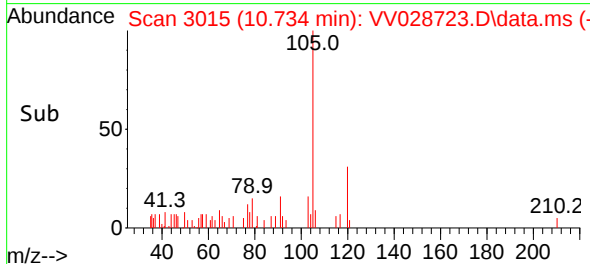
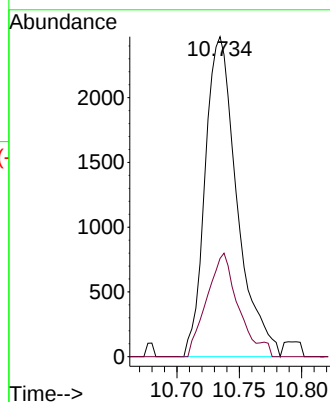
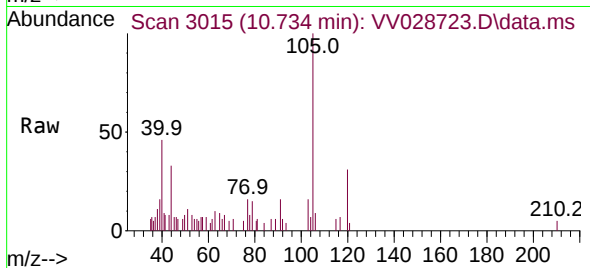
BHA51DL

Tgt Ion:105 Resp: 4398

Ion Ratio Lower Upper

105 100

120 32.2 38.3 57.5#



#63

1,2,4-Trimethylbenzene

Concen: 0.118 ug/L

RT: 10.734 min Scan# 3015

Delta R.T. -0.171 min

Lab File: VV028723.D

Acq: 27 Oct 2022 16:25

Tgt Ion:105 Resp: 4398

Ion Ratio Lower Upper

105 100

120 32.2 36.2 54.2#

