

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028735.D
 Acq On : 27 Oct 2022 23:02
 Operator : SY/MD
 Sample : N5232-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA71

Quant Time: Oct 28 05:37:11 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)

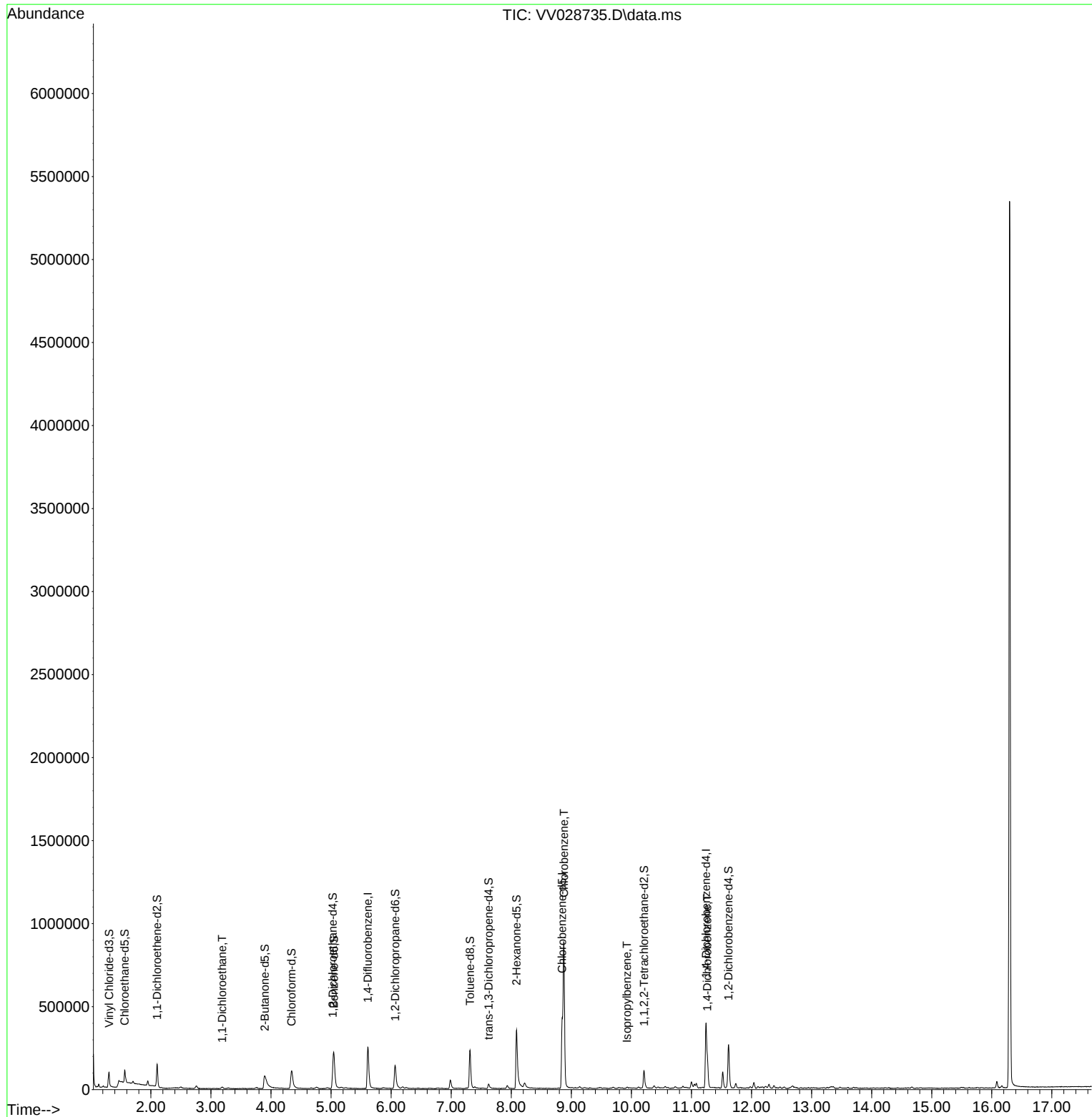
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	204076	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	191074	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	86497	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	46776	3.296	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.000%
7) Chloroethane-d5	1.564	69	46193	3.849	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.105	63	72893	2.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.200%#
20) 2-Butanone-d5	3.896	46	193260	59.716	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.440%
24) Chloroform-d	4.343	84	98902	4.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.031	65	54110	4.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.047	84	188616	3.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	6.066	67	70680	4.370	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.313	98	148372	3.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.625	79	15661	3.116	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.400%
46) 2-Hexanone-d5	8.088	63	131900	56.385	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.760%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	52943	4.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	55427	4.646	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.188	63	9689	0.356	ug/L	94
51) Chlorobenzene	8.876	112	416887	12.227	ug/L	97
60) Isopropylbenzene	9.928	105	4474	0.082	ug/L #	82
65) 1,4-Dichlorobenzene	11.265	146	59833	2.558	ug/L	98

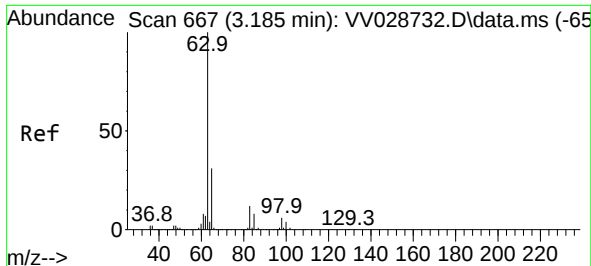
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.356 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

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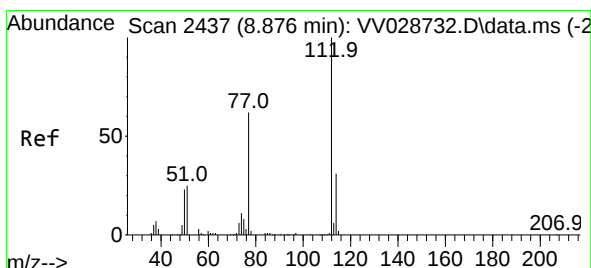
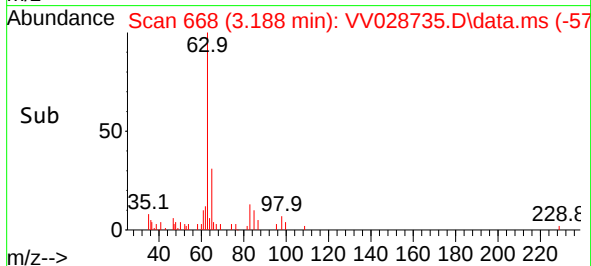
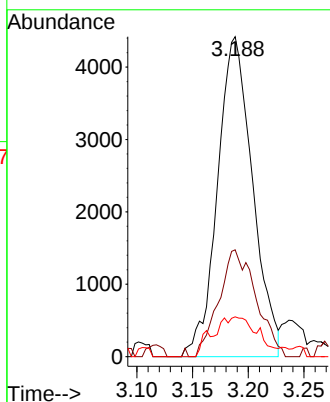
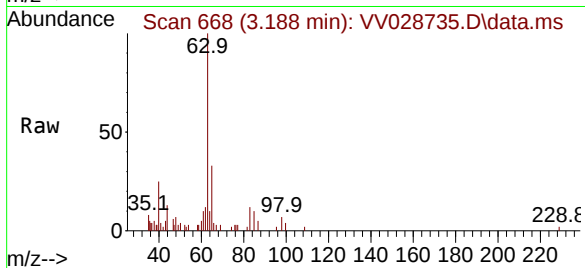
Tgt Ion: 63 Resp: 9689

Ion Ratio Lower Upper

63 100

65 37.1 23.1 42.9

83 12.4 7.9 14.7



#51

Chlorobenzene

Concen: 12.227 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.000 min

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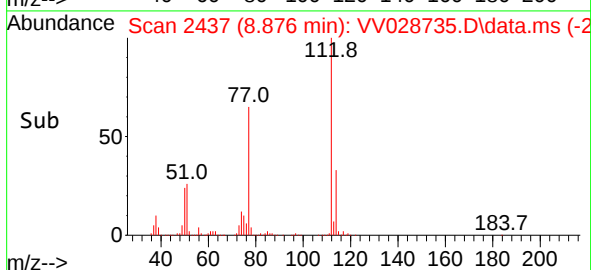
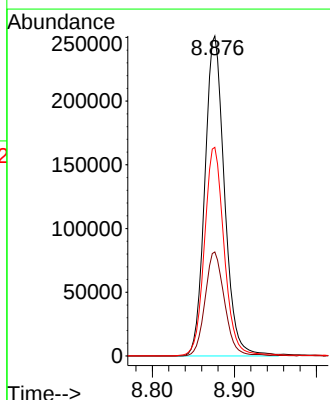
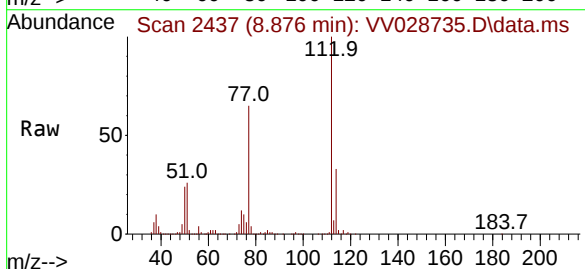
Tgt Ion:112 Resp: 416887

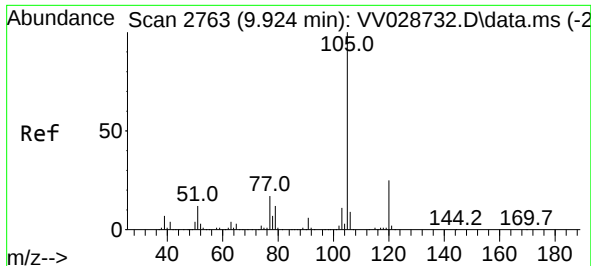
Ion Ratio Lower Upper

112 100

114 32.5 22.0 41.0

77 65.2 50.0 75.0

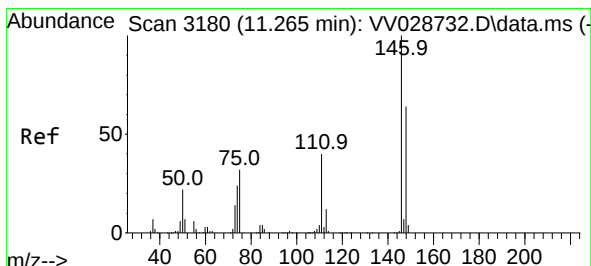
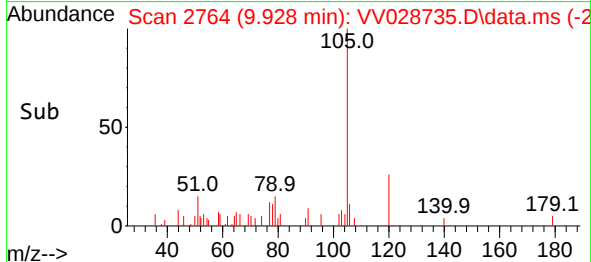
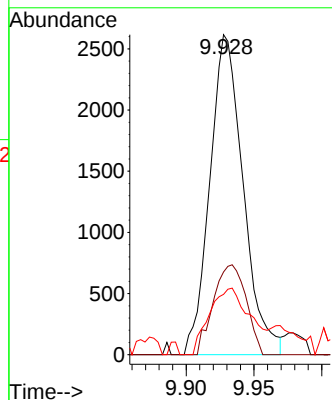
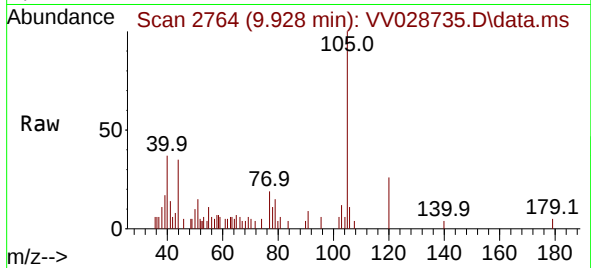




#60
Isopropylbenzene
Concen: 0.082 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.003 min
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Tgt Ion:105 Resp: 4474
Ion Ratio Lower Upper
105 100
120 27.5 20.1 30.1
77 0.0 13.4 20.0#



#65
1,4-Dichlorobenzene
Concen: 2.558 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028735.D
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Tgt Ion:146 Resp: 59833
Ion Ratio Lower Upper
146 100
111 41.3 28.6 53.2
148 61.6 44.3 82.3

