

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028728.D
 Acq On : 27 Oct 2022 18:54
 Operator : SY/MD
 Sample : N5233-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA58

Quant Time: Oct 28 02:20:18 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)

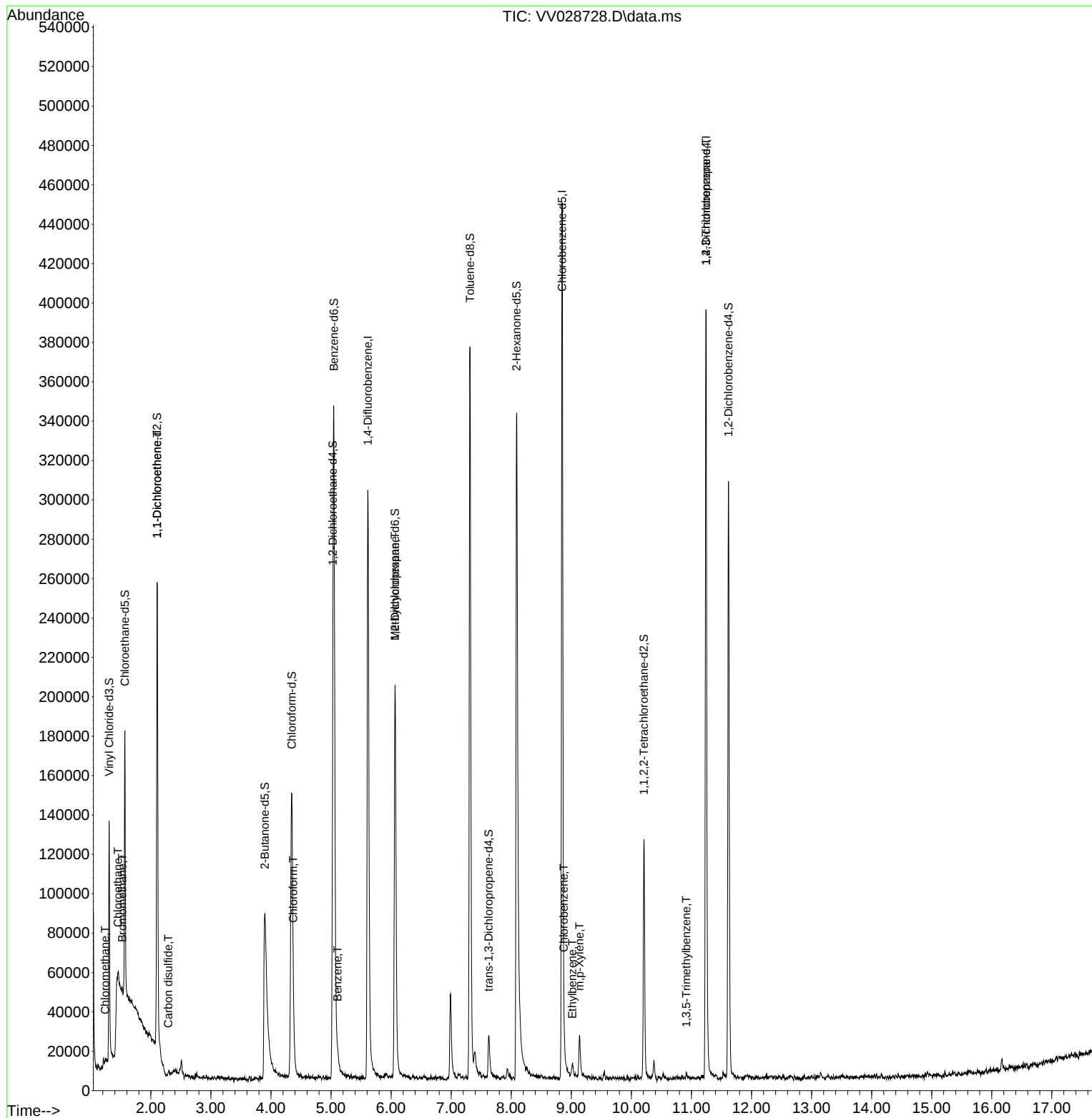
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	249877	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	228343	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	95738	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87336	5.025	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.600%
7) Chloroethane-d5	1.568	69	83817	5.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.000%
11) 1,1-Dichloroethene-d2	2.105	63	130770	3.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	3.895	46	191283	48.271	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.540%
24) Chloroform-d	4.346	84	145158	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.030	65	75010	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.047	84	299445	4.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.066	67	98185	5.079	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.313	98	243018	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	7.625	79	13254	2.207	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	44.200%#
46) 2-Hexanone-d5	8.088	63	120500	43.104	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.200%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	58716	4.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	70920	5.371	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
						Qvalue
3) Chloromethane	1.240	50	1720	0.087	ug/L	85
6) Bromomethane	1.523	94	1467	0.157	ug/L	98
8) Chloroethane	1.455	64	161811	12.175	ug/L #	50
12) 1,1-Dichloroethene	2.105	96	1214	0.088	ug/L #	1
14) Carbon disulfide	2.291	76	2712	0.086	ug/L #	72
25) Chloroform	4.371	83	13841	0.427	ug/L	97
33) Benzene	5.108	78	11103	0.163	ug/L	100
35) Methylcyclohexane	6.066	83	21349	0.914	ug/L #	15
51) Chlorobenzene	8.876	112	1810	0.044	ug/L #	41
52) Ethylbenzene	9.017	91	5685	0.079	ug/L	98
53) m,p-Xylene	9.136	106	6618	0.255	ug/L	87
61) 1,2,3-Trichloropropane	11.242	75	15255	1.856	ug/L #	69
62) 1,3,5-Trimethylbenzene	10.914	105	1813	0.103	ug/L	86

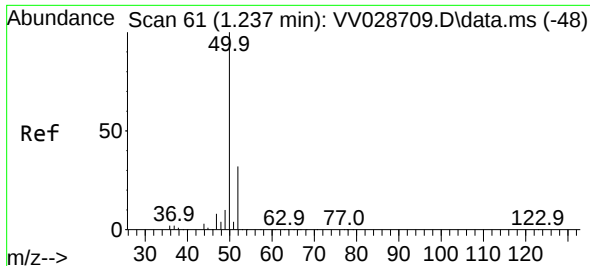
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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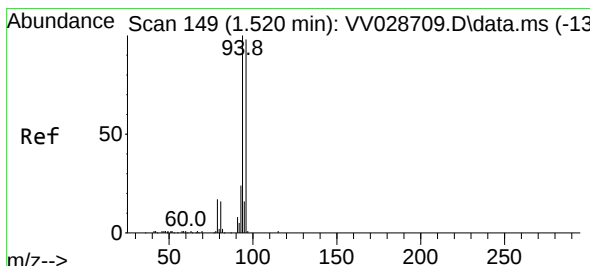
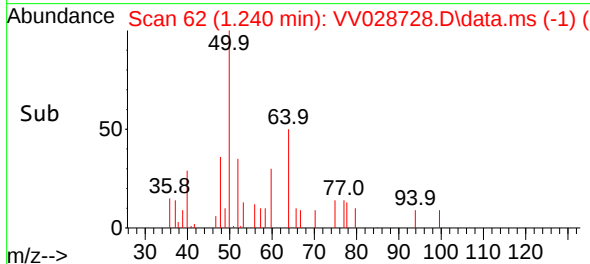
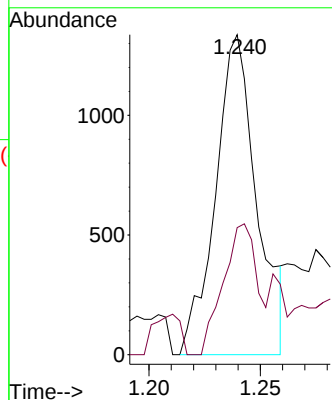
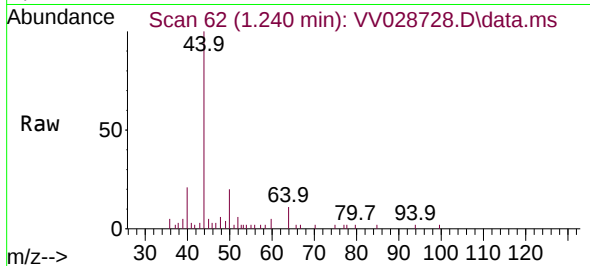




#3
Chloromethane
Concen: 0.087 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028728.D
Acq: 27 Oct 2022 18:54

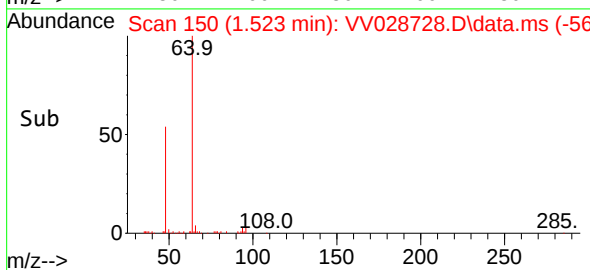
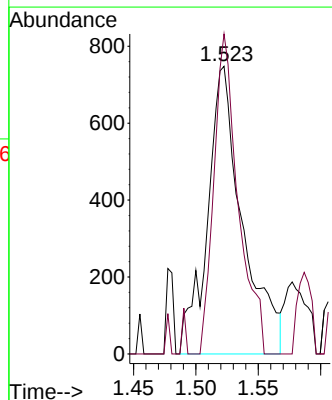
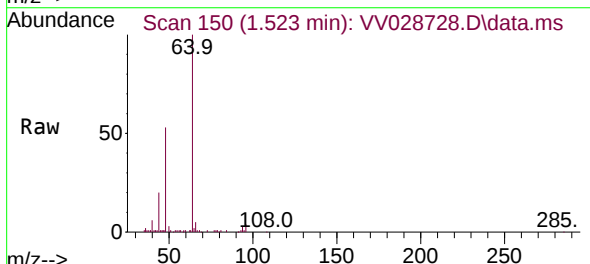
Instrument :
MSVOA_V
ClientSampleId :
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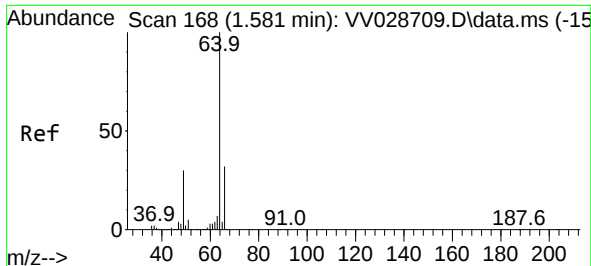
Tgt Ion: 50 Resp: 1720
Ion Ratio Lower Upper
50 100
52 39.7 21.8 40.6



#6
Bromomethane
Concen: 0.157 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV028728.D
Acq: 27 Oct 2022 18:54

Tgt Ion: 94 Resp: 1467
Ion Ratio Lower Upper
94 100
96 90.1 64.3 119.3

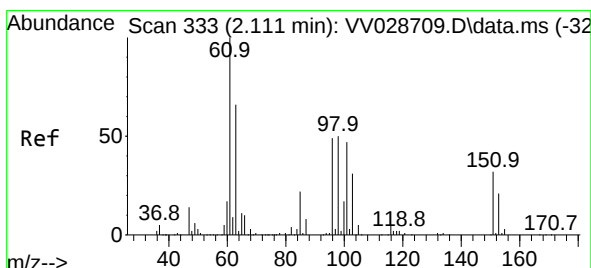
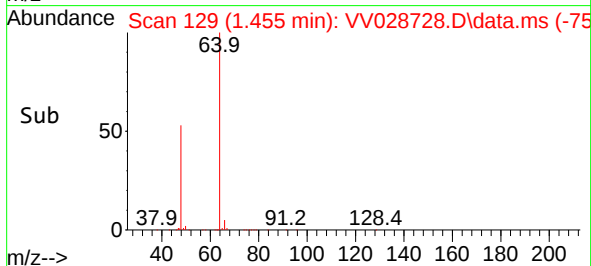
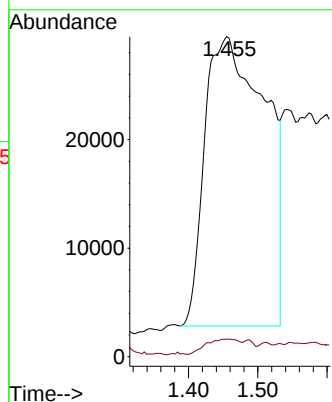
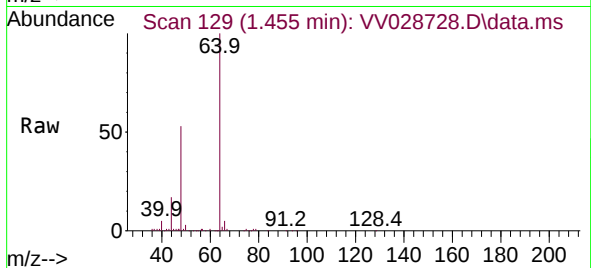




#8
Chloroethane
Concen: 12.175 ug/L
RT: 1.455 min Scan# 11
Delta R.T. -0.126 min
Lab File: VV028728.D
Acq: 27 Oct 2022 18:54

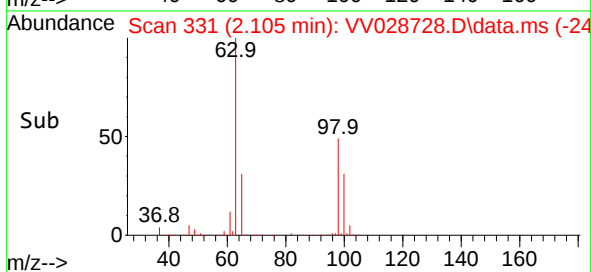
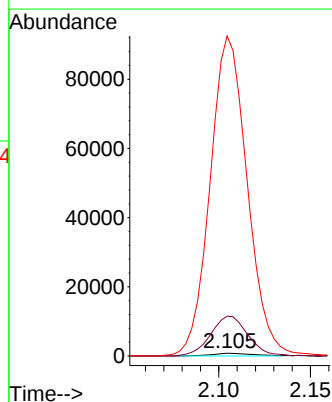
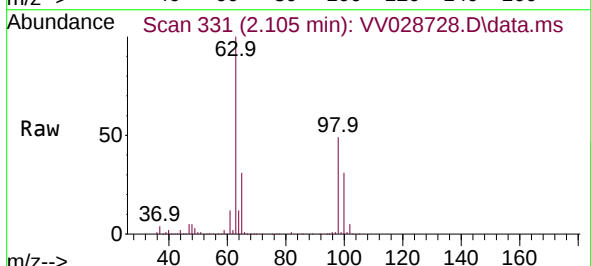
Instrument :
MSVOA_V
ClientSampleId :
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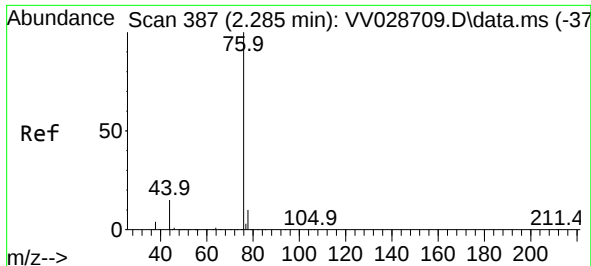
Tgt Ion: 64 Resp: 161811
Ion Ratio Lower Upper
64 100
66 5.4 23.9 44.5#



#12
1,1-Dichloroethene
Concen: 0.088 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.007 min
Lab File: VV028728.D
Acq: 27 Oct 2022 18:54

Tgt Ion: 96 Resp: 1214
Ion Ratio Lower Upper
96 100
61 1479.6 148.1 275.1#
63 11893.1 133.3 247.7#

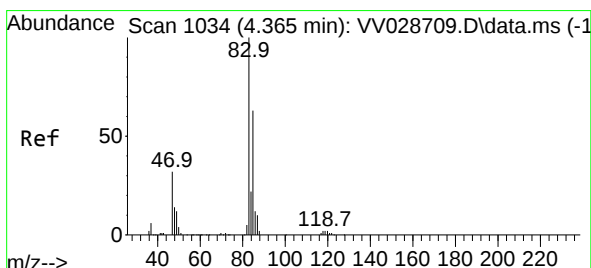
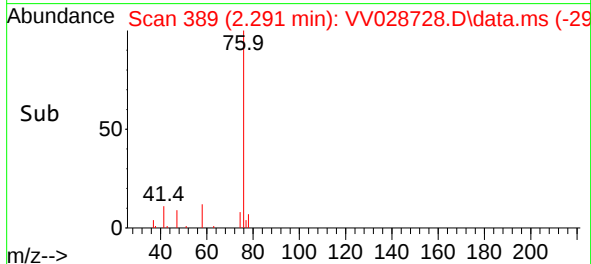
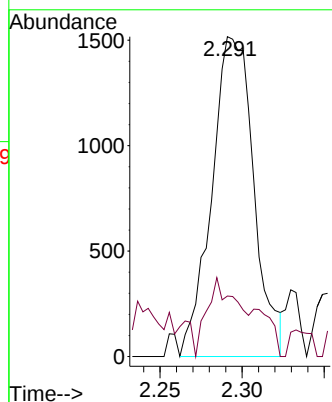
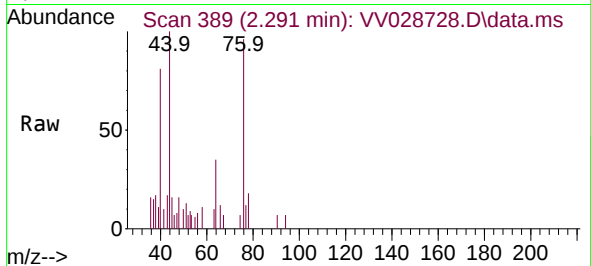




#14
Carbon disulfide
Concen: 0.086 ug/L
RT: 2.291 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV028728.D
Acq: 27 Oct 2022 18:54

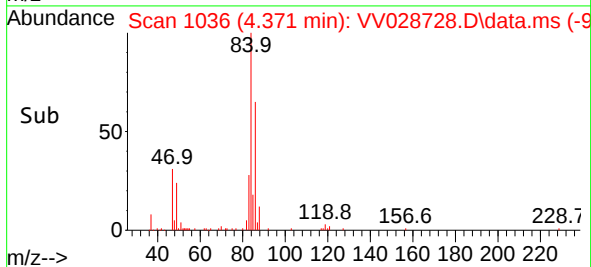
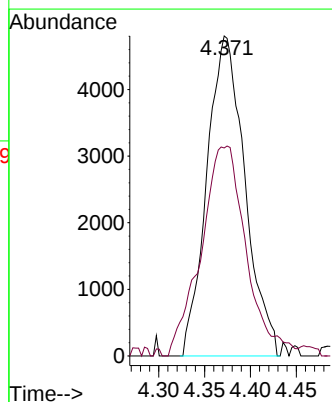
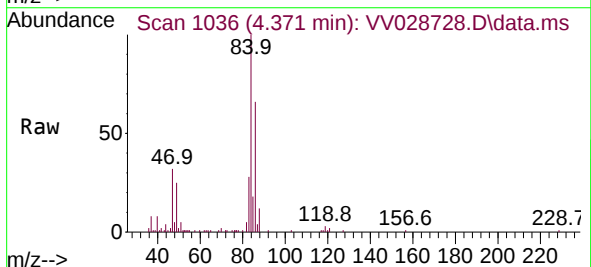
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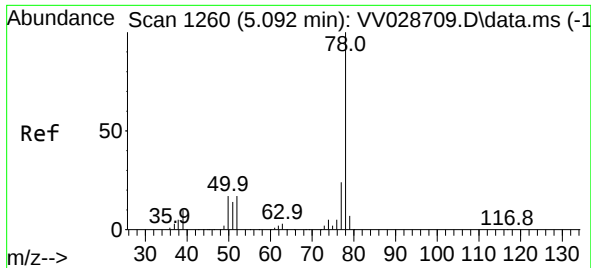
Tgt Ion: 76 Resp: 2712
Ion Ratio Lower Upper
76 100
78 18.9 7.1 10.7#



#25
Chloroform
Concen: 0.427 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV028728.D
Acq: 27 Oct 2022 18:54

Tgt Ion: 83 Resp: 13841
Ion Ratio Lower Upper
83 100
85 65.0 44.1 81.9

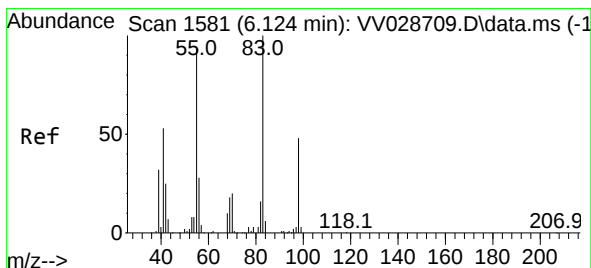
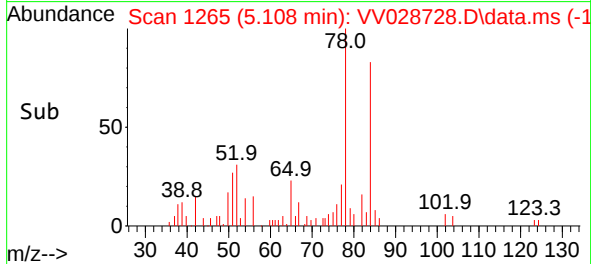
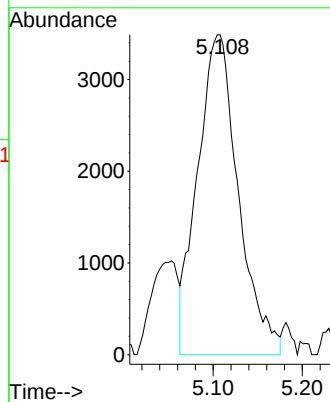
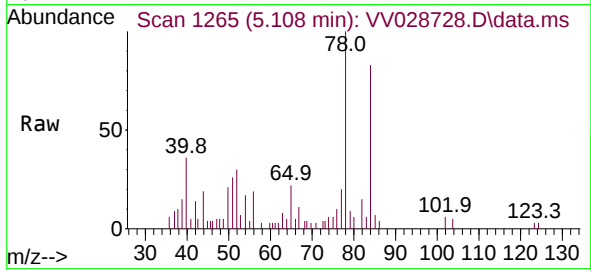




#33
Benzene
Concen: 0.163 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV028728.D
Acq: 27 Oct 2022 18:54

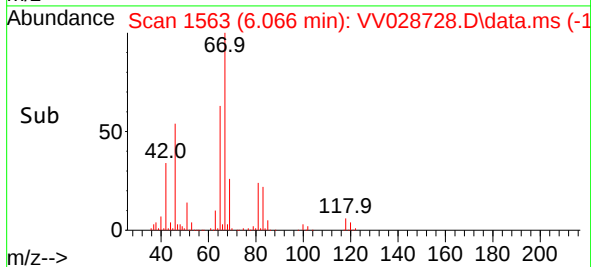
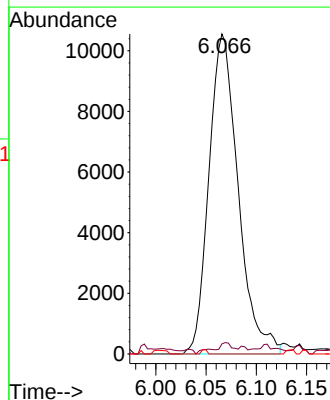
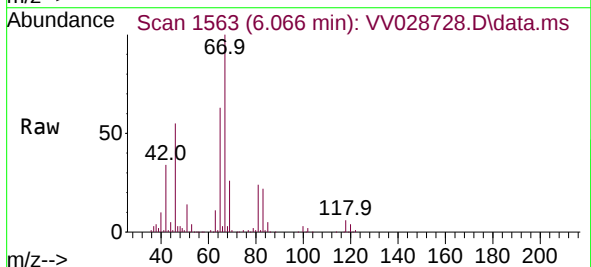
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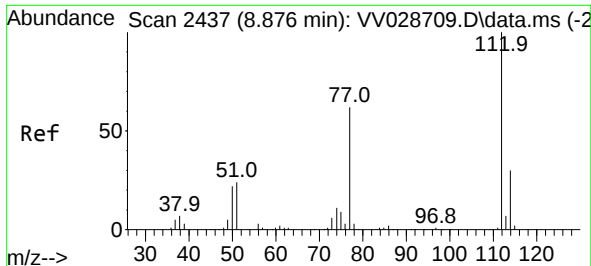
Tgt Ion: 78 Resp: 11103



#35
Methylcyclohexane
Concen: 0.914 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028728.D
Acq: 27 Oct 2022 18:54

Tgt Ion: 83 Resp: 21349
Ion Ratio Lower Upper
83 100
55 1.5 70.0 105.0#
98 0.0 35.6 53.4#

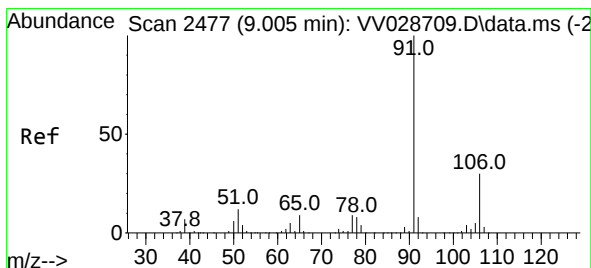
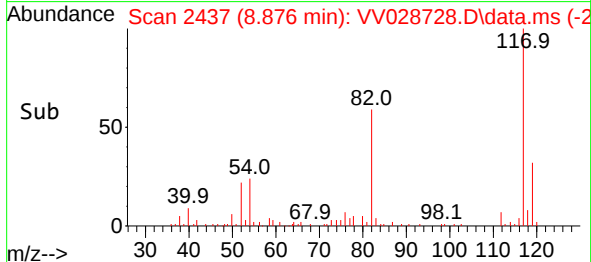
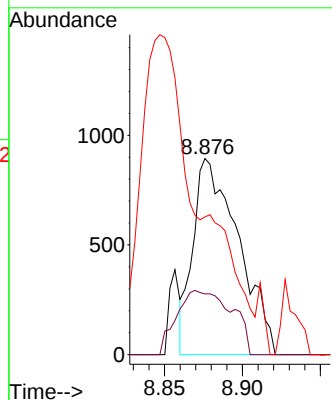
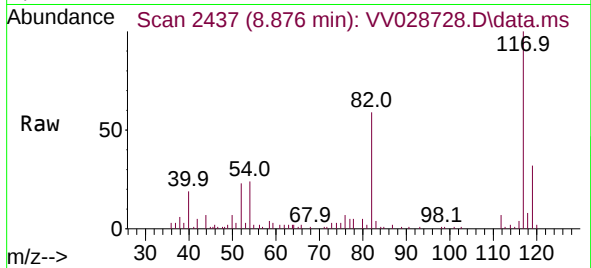




#51
Chlorobenzene
Concen: 0.044 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.000 min
Lab File: VV028728.D
Acq: 27 Oct 2022 18:54

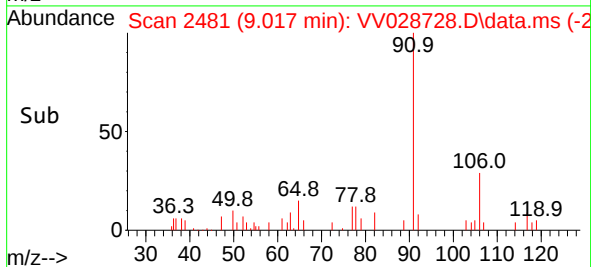
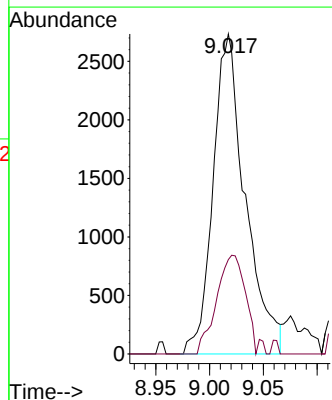
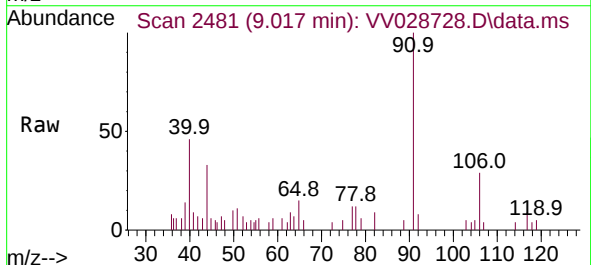
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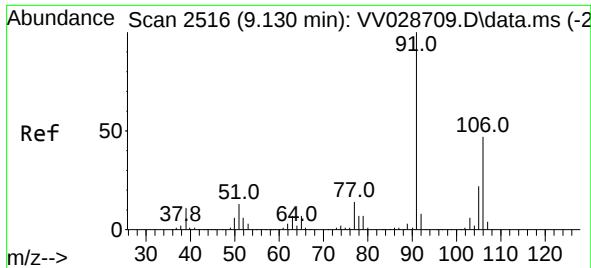
Tgt Ion:112 Resp: 1810
Ion Ratio Lower Upper
112 100
114 31.0 22.0 41.0
77 131.2 50.0 75.0#



#52
Ethylbenzene
Concen: 0.079 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.013 min
Lab File: VV028728.D
Acq: 27 Oct 2022 18:54

Tgt Ion: 91 Resp: 5685
Ion Ratio Lower Upper
91 100
106 29.5 21.3 39.6

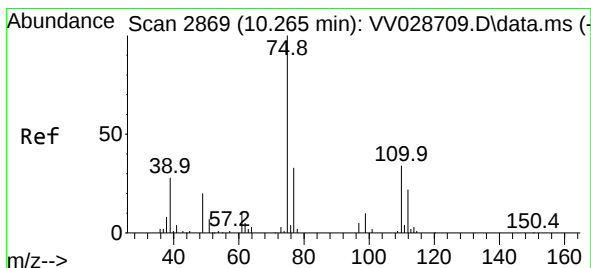
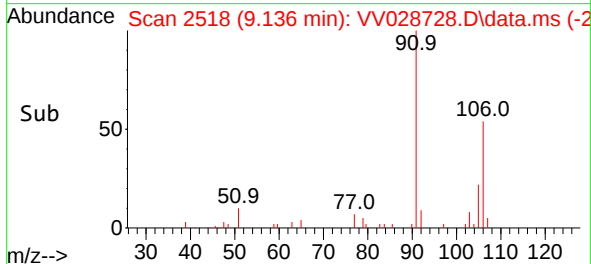
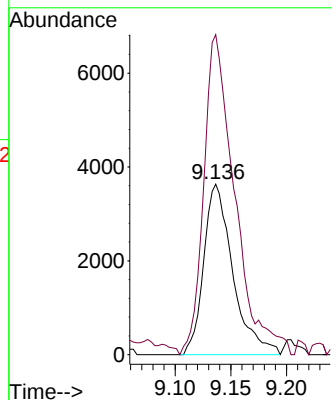
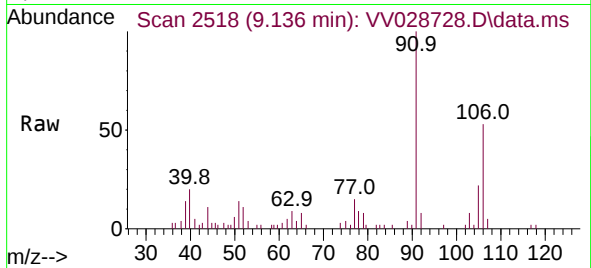




#53
 m,p-Xylene
 Concen: 0.255 ug/L
 RT: 9.136 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV028728.D
 Acq: 27 Oct 2022 18:54

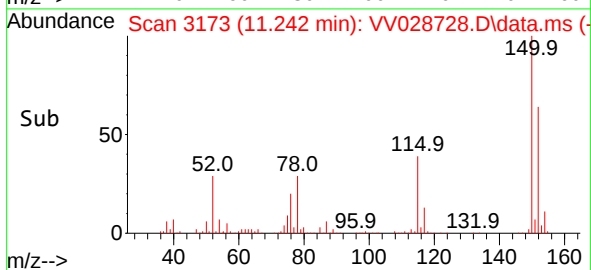
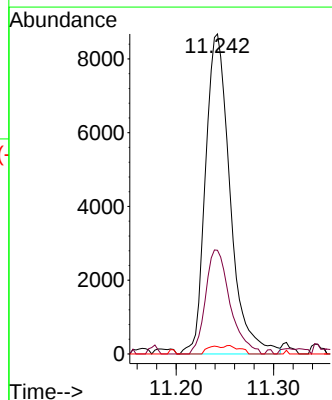
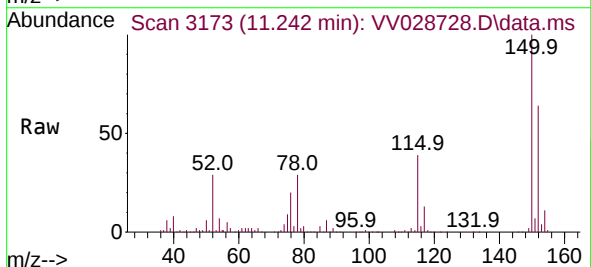
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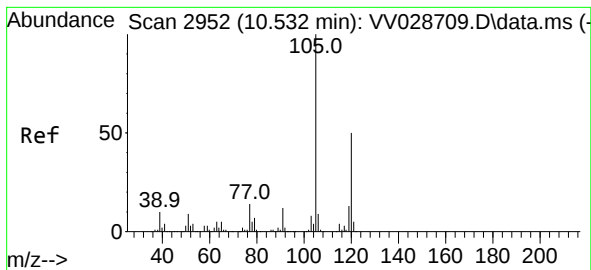
Tgt Ion:106 Resp: 6618
 Ion Ratio Lower Upper
 106 100
 91 187.5 145.5 270.1



#61
 1,2,3-Trichloropropane
 Concen: 1.856 ug/L
 RT: 11.242 min Scan# 3173
 Delta R.T. 0.977 min
 Lab File: VV028728.D
 Acq: 27 Oct 2022 18:54

Tgt Ion: 75 Resp: 15255
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.2 37.8
 110 1.4 27.9 41.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.103 ug/L

RT: 10.914 min Scan# 30

Delta R.T. 0.382 min

Lab File: VV028728.D

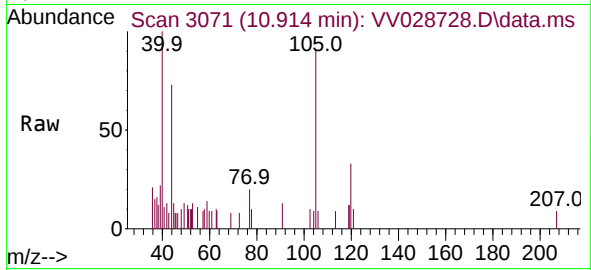
Acq: 27 Oct 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

BHA58



Tgt Ion:105 Resp: 1813

Ion Ratio Lower Upper

105 100

120 38.6 38.3 57.5

