

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111023\
 Data File : VW032908.D
 Acq On : 10 Nov 2023 22:19
 Operator : SY/MD
 Sample : 05296-08 10X
 Misc : 5.97gm/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH3S1

Quant Time: Nov 11 01:30:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
 Response via : Initial Calibration

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

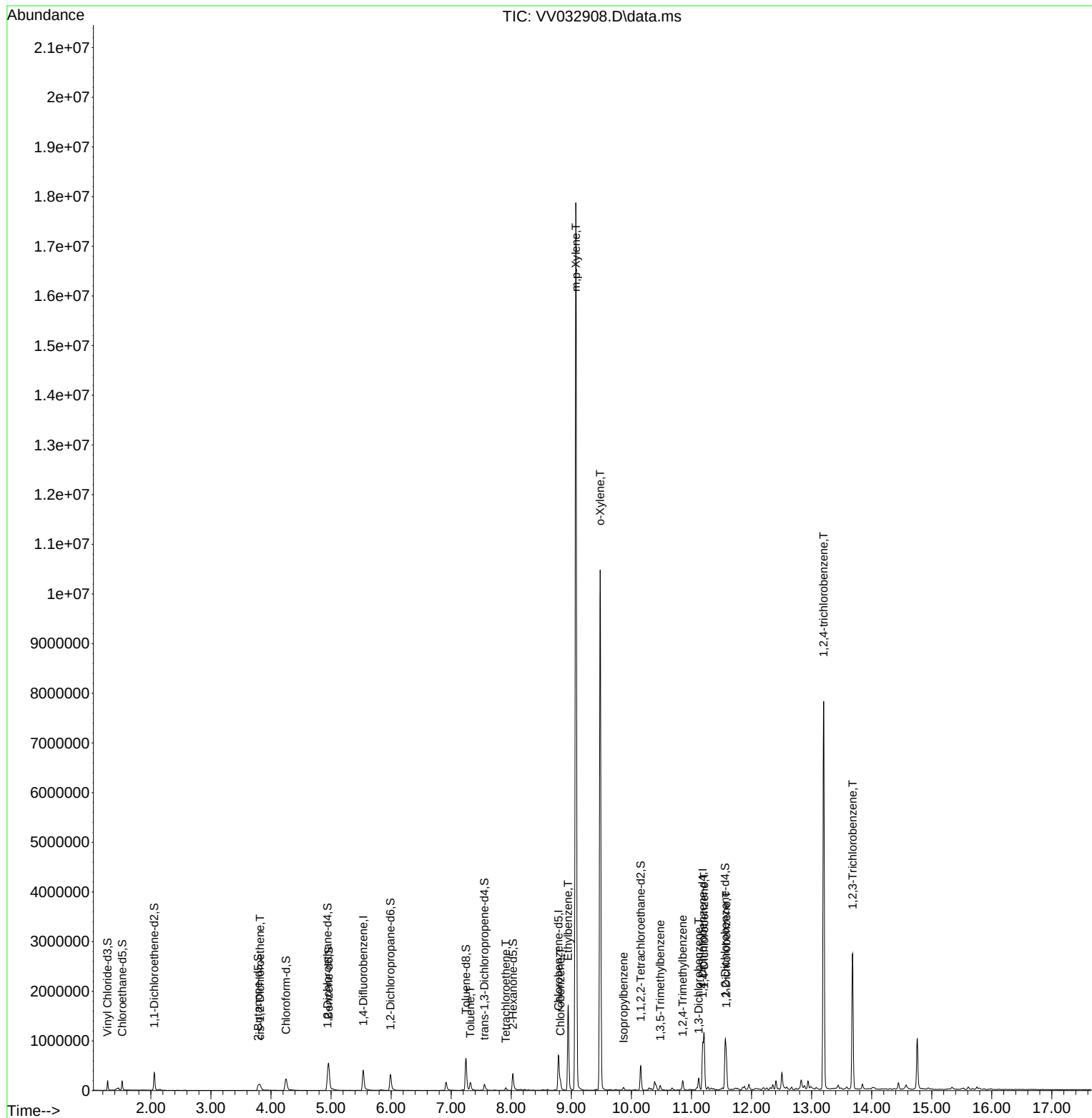
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	378643	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	389831	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	218883	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	126932	35.245	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.500%		
7) Chloroethane-d5	1.523	69	121379	40.298	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.600%		
11) 1,1-Dichloroethene-d2	2.056	65	57703	38.791	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.580%		
21) 2-Butanone-d5	3.786	46	137017	87.713	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.710%		
24) Chloroform-d	4.249	84	249874	43.468	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.940%		
26) 1,2-Dichloroethane-d4	4.940	65	167901	46.995	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.000%		
32) Benzene-d6	4.960	84	483166	48.205	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.420%		
36) 1,2-Dichloropropane-d6	5.989	67	159729	52.455	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.900%		
41) Toluene-d8	7.246	98	448827	45.477	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.960%		
43) trans-1,3-Dichloroprop...	7.555	79	76273	48.094	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.180%		
47) 2-Hexanone-d5	8.027	63	112838	101.502	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.500%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	226239	48.960	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.920%		
66) 1,2-Dichlorobenzene-d4	11.561	152	214782	50.920	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.840%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.818	96	51891	17.383	ug/L	97
42) Toluene	7.320	91	123212	10.467	ug/L	98
46) Tetrachloroethene	7.908	164	11741	4.522	ug/L	87
51) Chlorobenzene	8.818	112	104168	12.499	ug/L	100
52) Ethylbenzene	8.947	91	1165917	89.786	ug/L	99
53) m,p-Xylene	9.075	106	4950943	1001.779	ug/L	96
54) o-Xylene	9.480	106	2682250	560.218	ug/L	98
60) Isopropylbenzene	9.870	105	34099	2.569	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	41715	3.994	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	92818	9.289	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	92958	13.442	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	430535	59.005	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	199853	28.309	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	2220612	514.343	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	784802	182.062	ug/L	100

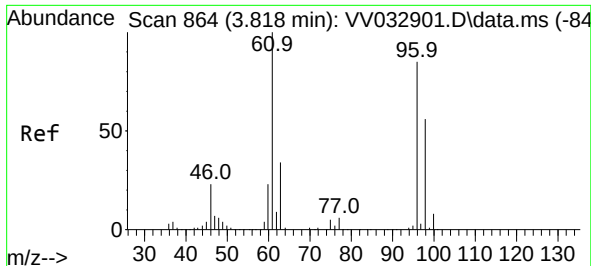
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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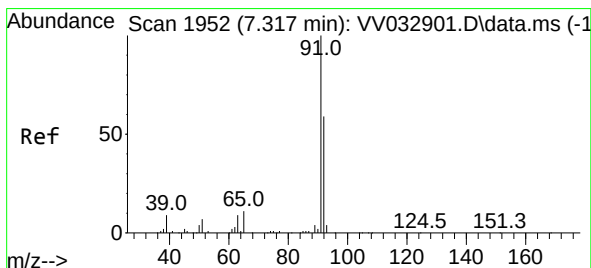
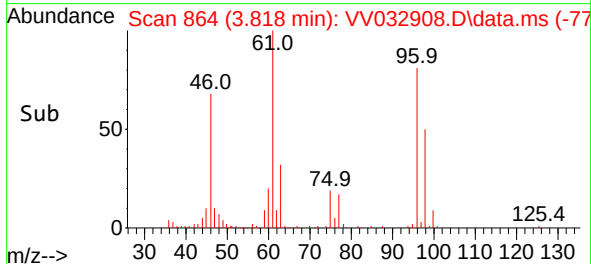
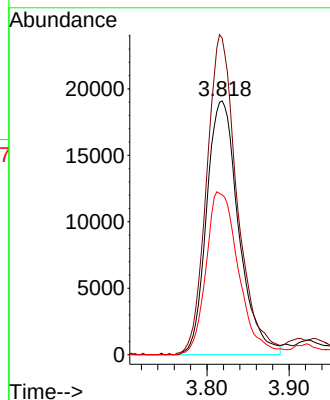
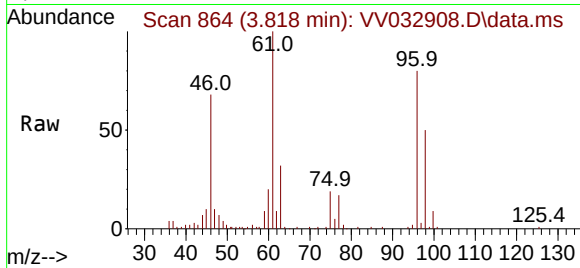


#20
 cis-1,2-Dichloroethene
 Concen: 17.383 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.003 min
 Lab File: VV032908.D
 Acq: 10 Nov 2023 22:19

Instrument :
 MSVOA_V
 ClientSampleId :
 BH3S1

Tgt Ion: 96 Resp: 51891

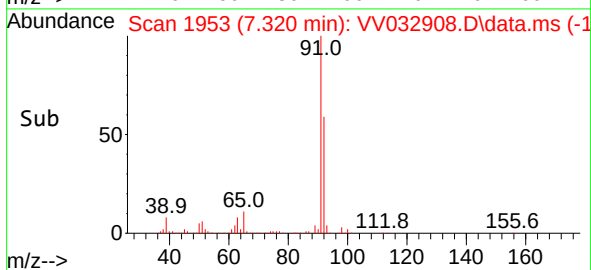
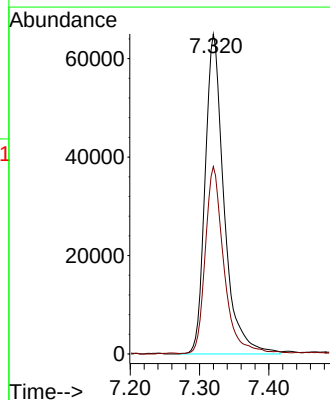
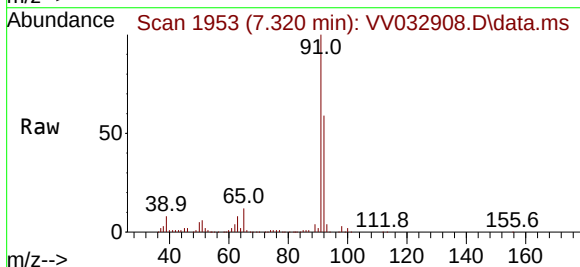
Ion	Ratio	Lower	Upper
96	100		
61	124.8	83.3	154.7
98	63.0	44.2	82.2

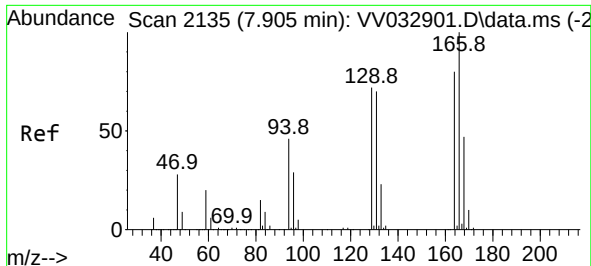


#42
 Toluene
 Concen: 10.467 ug/L
 RT: 7.320 min Scan# 1953
 Delta R.T. 0.003 min
 Lab File: VV032908.D
 Acq: 10 Nov 2023 22:19

Tgt Ion: 91 Resp: 123212

Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.0	74.2



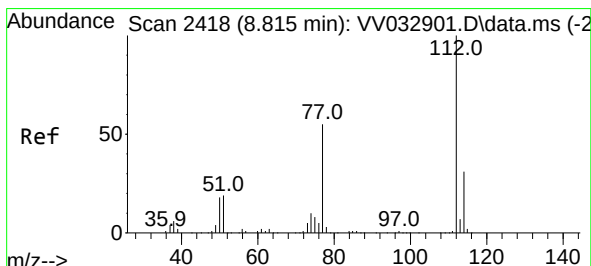
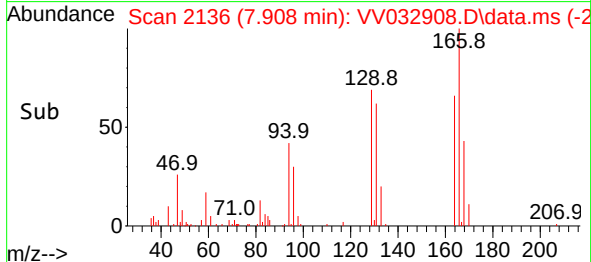
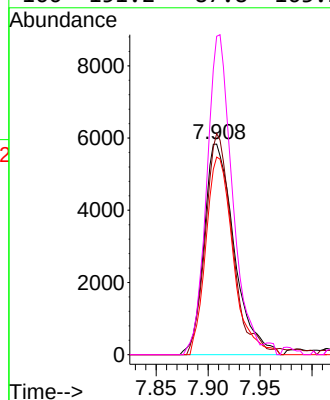
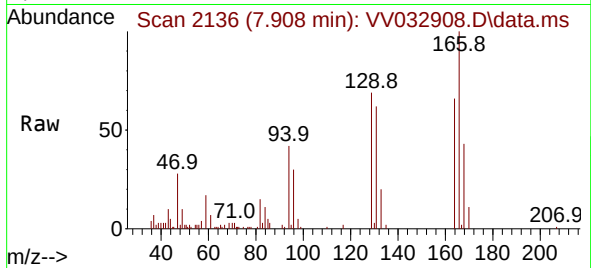


#46
Tetrachloroethene
Concen: 4.522 ug/L
RT: 7.908 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV032908.D
Acq: 10 Nov 2023 22:19

Instrument :
MSVOA_V
ClientSampleId :
BH3S1

Tgt Ion:164 Resp: 11741

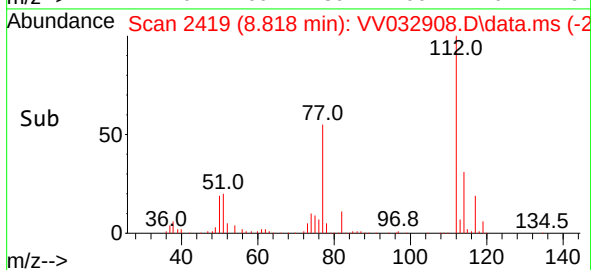
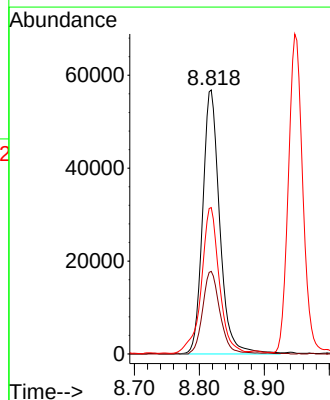
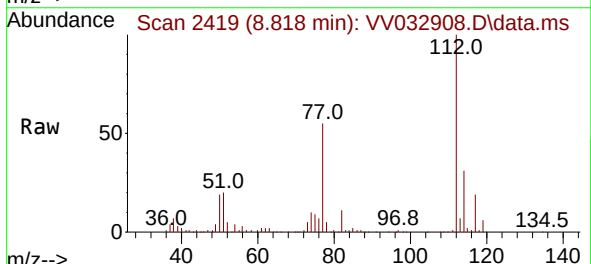
Ion	Ratio	Lower	Upper
164	100		
129	105.0	65.3	121.3
131	93.9	65.0	120.8
166	151.2	87.8	163.2

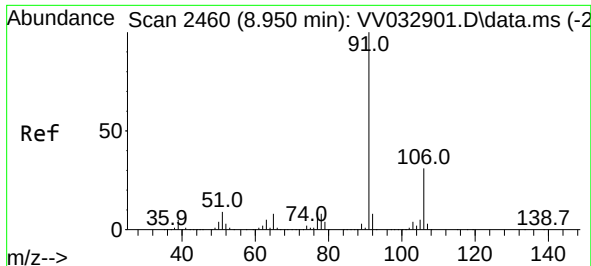


#51
Chlorobenzene
Concen: 12.499 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV032908.D
Acq: 10 Nov 2023 22:19

Tgt Ion:112 Resp: 104168

Ion	Ratio	Lower	Upper
112	100		
114	31.3	21.6	40.2
77	55.5	44.4	66.6

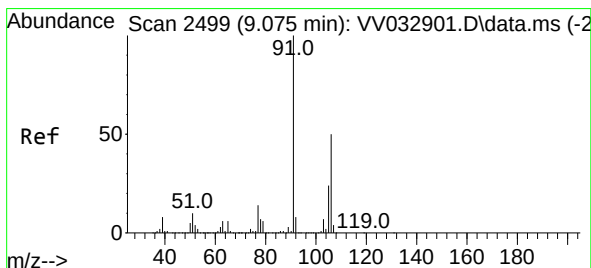
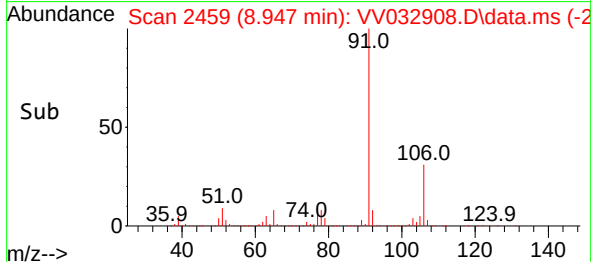
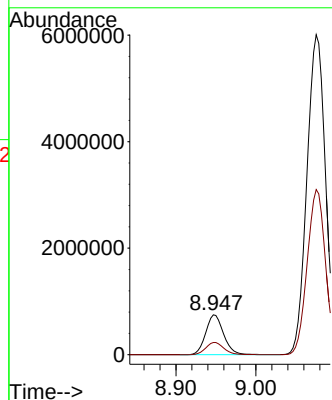
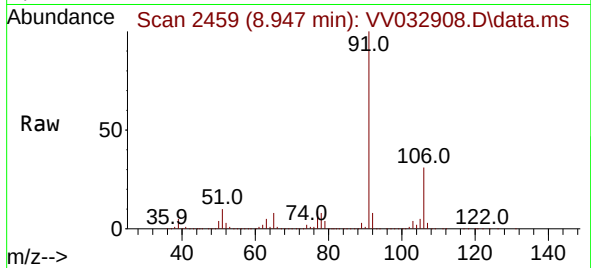




#52
Ethylbenzene
Concen: 89.786 ug/L
RT: 8.947 min Scan# 2460
Delta R.T. -0.000 min
Lab File: VV032908.D
Acq: 10 Nov 2023 22:19

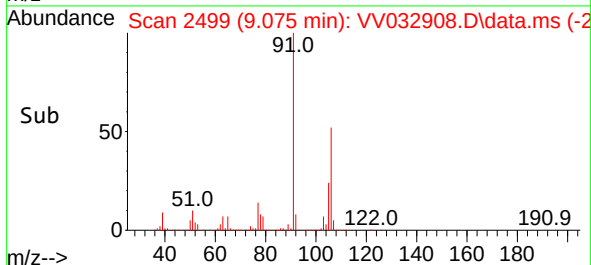
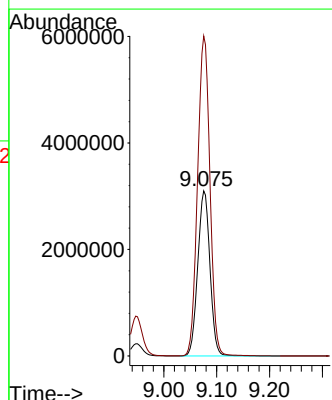
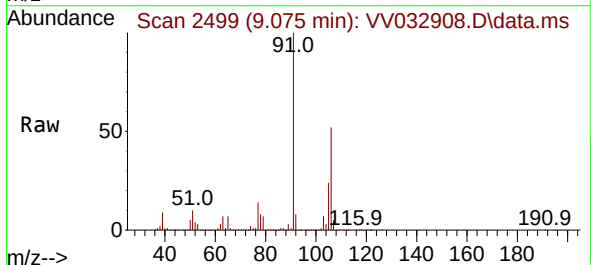
Instrument :
MSVOA_V
ClientSampleId :
BH3S1

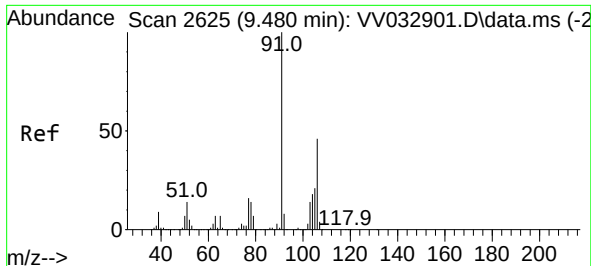
Tgt Ion: 91 Resp: 1165917
Ion Ratio Lower Upper
91 100
106 30.6 21.7 40.3



#53
m,p-Xylene
Concen: 1001.779 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032908.D
Acq: 10 Nov 2023 22:19

Tgt Ion: 106 Resp: 4950943
Ion Ratio Lower Upper
106 100
91 193.8 139.7 259.5

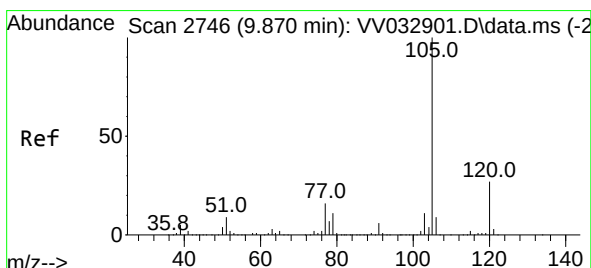
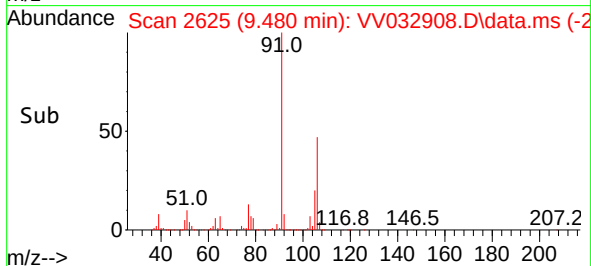
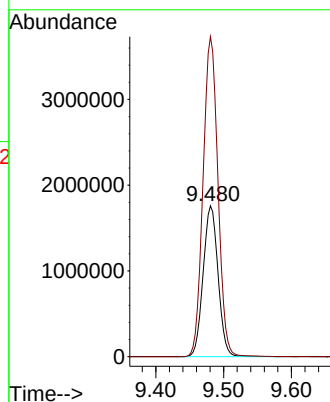
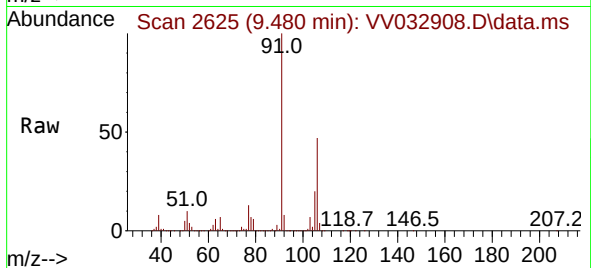




#54
o-Xylene
Concen: 560.218 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032908.D
Acq: 10 Nov 2023 22:19

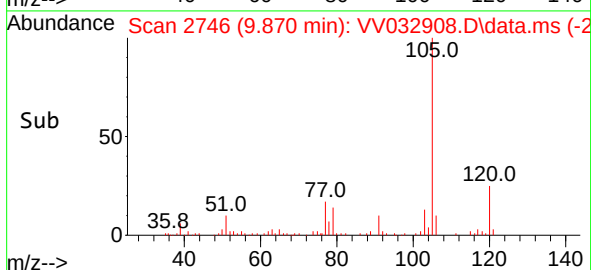
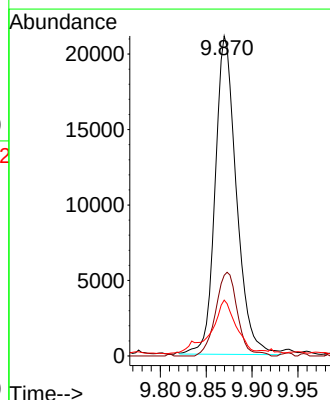
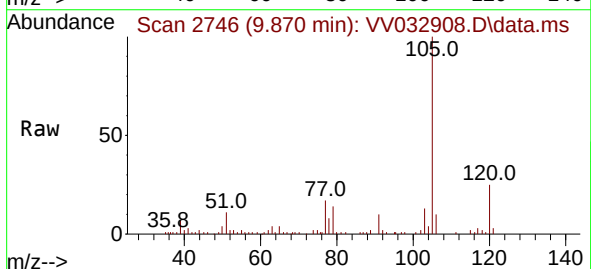
Instrument :
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ClientSampleId :
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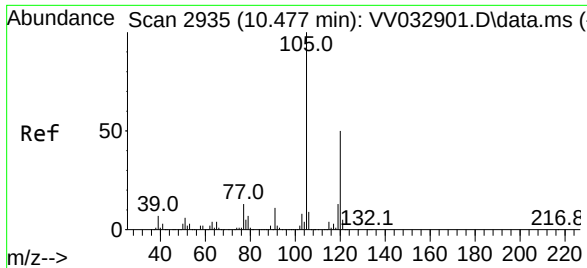
Tgt Ion:106 Resp: 2682250
Ion Ratio Lower Upper
106 100
91 212.1 151.0 280.4



#60
Isopropylbenzene
Concen: 2.569 ug/L
RT: 9.870 min Scan# 2746
Delta R.T. -0.000 min
Lab File: VV032908.D
Acq: 10 Nov 2023 22:19

Tgt Ion:105 Resp: 34099
Ion Ratio Lower Upper
105 100
120 26.9 21.1 31.7
77 17.4 12.6 19.0

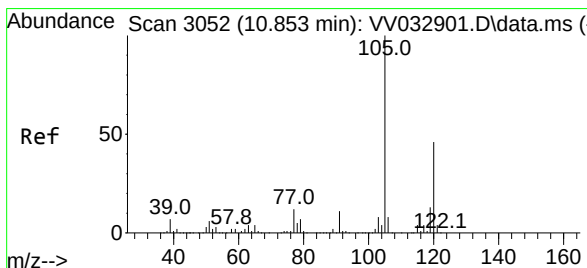
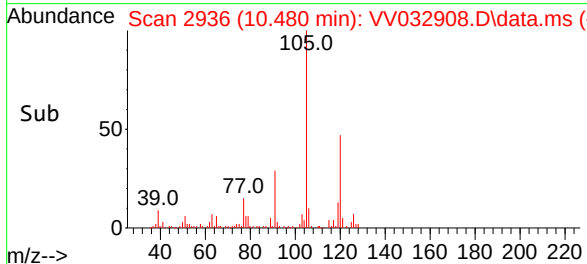
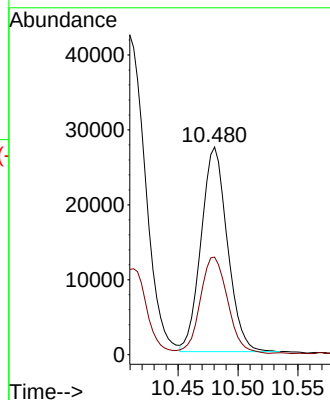
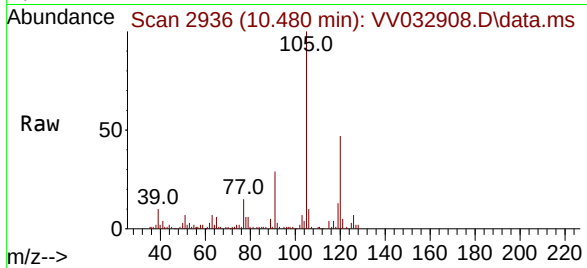




#62
 1,3,5-Trimethylbenzene
 Concen: 3.994 ug/L
 RT: 10.480 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VV032908.D
 Acq: 10 Nov 2023 22:19

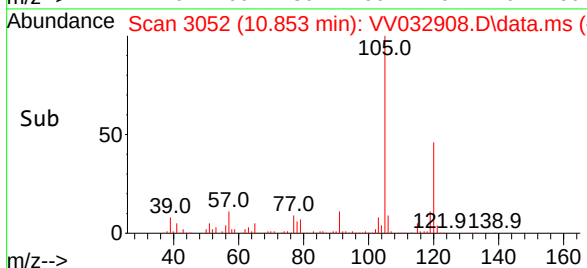
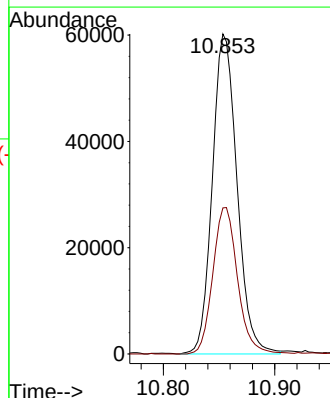
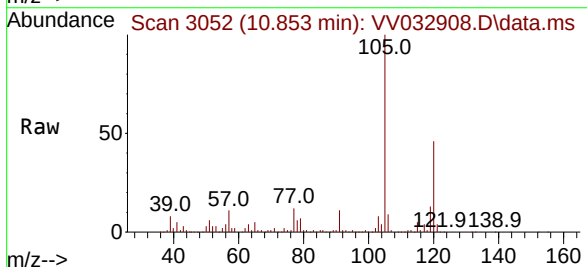
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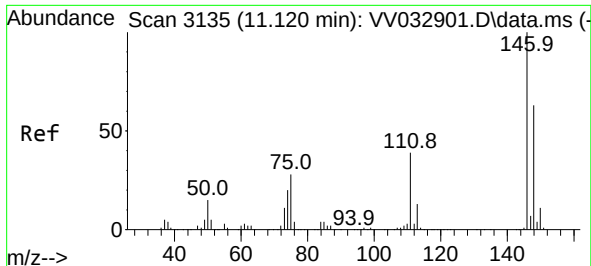
Tgt Ion:105 Resp: 41715
 Ion Ratio Lower Upper
 105 100
 120 48.9 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 9.289 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. -0.000 min
 Lab File: VV032908.D
 Acq: 10 Nov 2023 22:19

Tgt Ion:105 Resp: 92818
 Ion Ratio Lower Upper
 105 100
 120 45.9 37.0 55.6

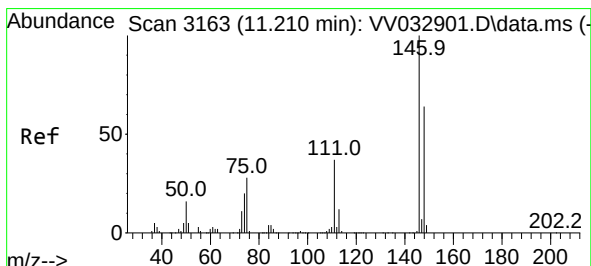
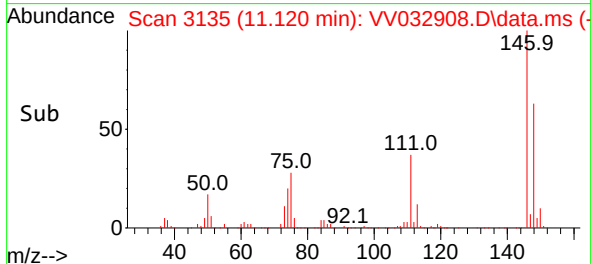
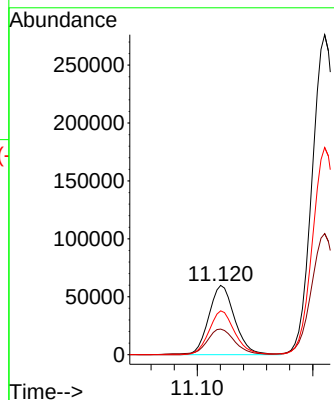
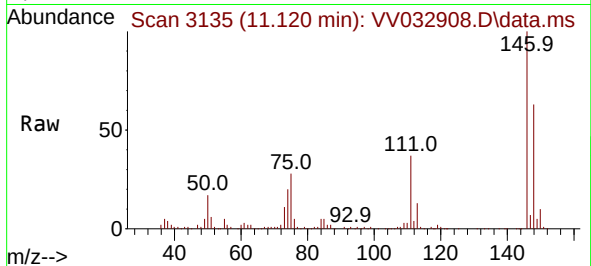




#64
1,3-Dichlorobenzene
Concen: 13.442 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032908.D
Acq: 10 Nov 2023 22:19

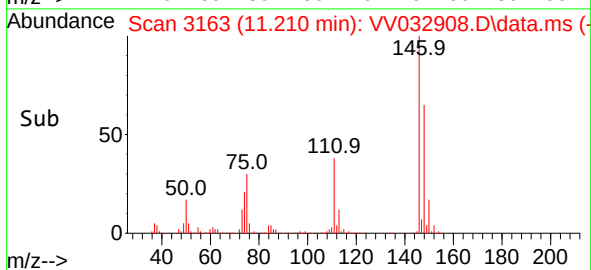
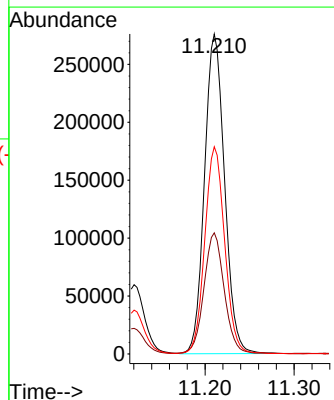
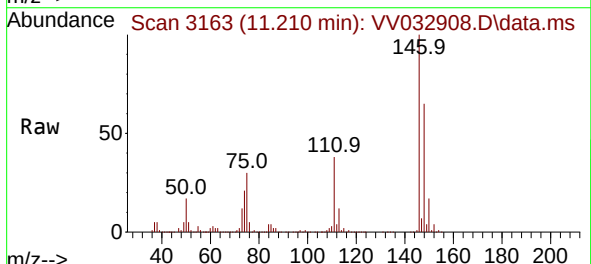
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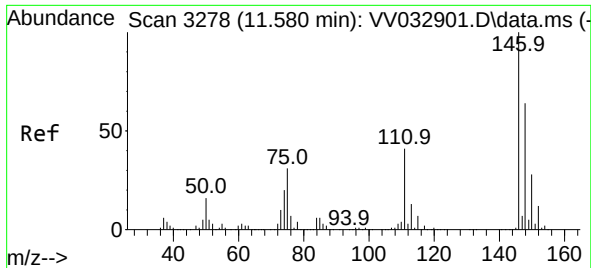
Tgt Ion:146 Resp: 92958
Ion Ratio Lower Upper
146 100
111 37.0 27.2 50.4
148 63.4 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 59.005 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV032908.D
Acq: 10 Nov 2023 22:19

Tgt Ion:146 Resp: 430535
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.1
148 64.7 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 28.309 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032908.D

Acq: 10 Nov 2023 22:19

Instrument :

MSVOA_V

ClientSampleId :

BH3S1

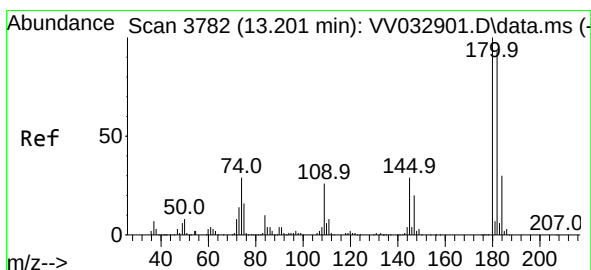
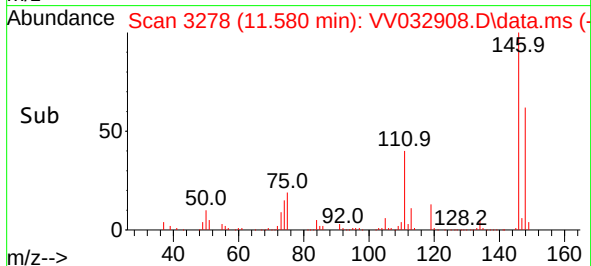
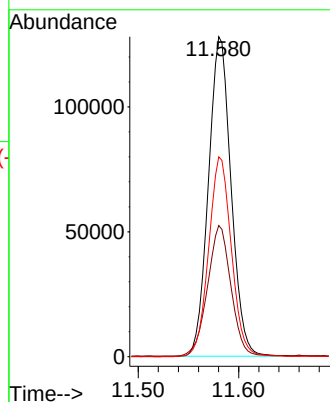
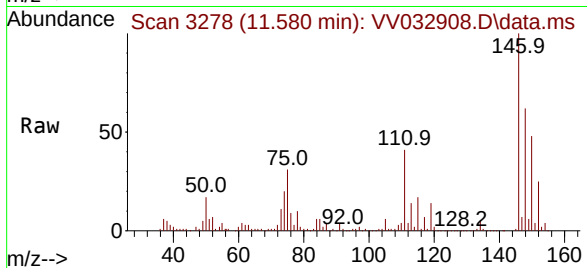
Tgt Ion:146 Resp: 199853

Ion Ratio Lower Upper

146 100

111 41.0 32.5 48.7

148 62.5 50.6 76.0



#70

1,2,4-trichlorobenzene

Concen: 514.343 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV032908.D

Acq: 10 Nov 2023 22:19

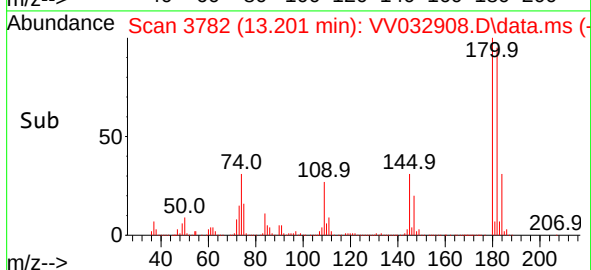
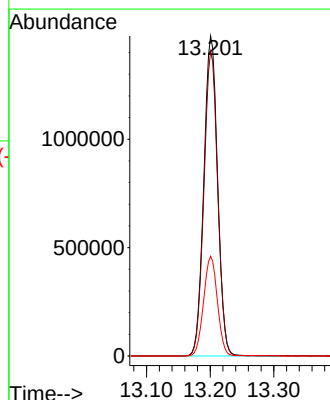
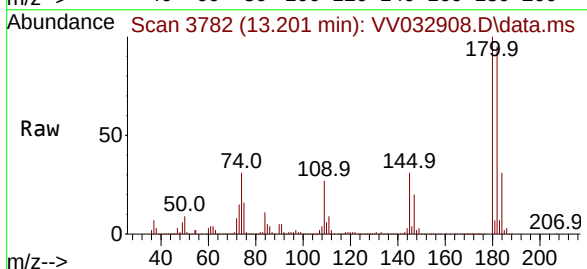
Tgt Ion:180 Resp: 2220612

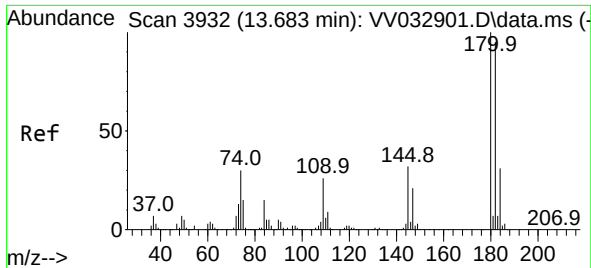
Ion Ratio Lower Upper

180 100

182 95.2 76.9 115.3

145 31.0 24.7 37.1





#72
 1,2,3-Trichlorobenzene
 Concen: 182.062 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. -0.000 min
 Lab File: VV032908.D
 Acq: 10 Nov 2023 22:19

Instrument :
 MSVOA_V
 ClientSampleId :
 BH3S1

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.4
145	33.0	25.8	38.8

