

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111023\
 Data File : VW032906.D
 Acq On : 10 Nov 2023 21:32
 Operator : SY/MD
 Sample : 05296-01 10X
 Misc : 5.28gm/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH3R1

Quant Time: Nov 11 01:30:16 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)

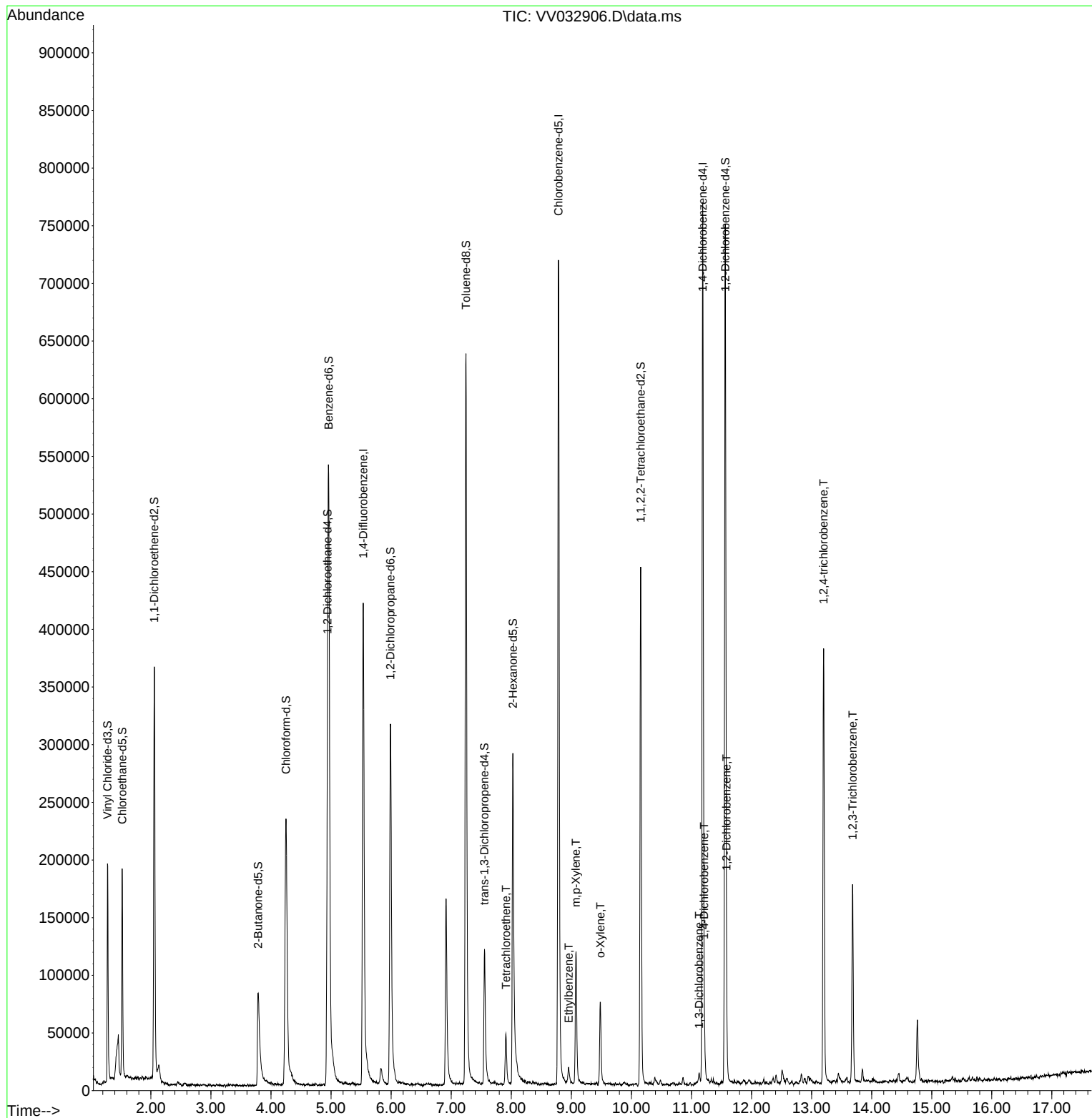
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	388576	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	401679	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	192890	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	127726	34.559	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.120%		
7) Chloroethane-d5	1.523	69	120759	39.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.140%		
11) 1,1-Dichloroethene-d2	2.056	65	59485	38.967	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.940%		
21) 2-Butanone-d5	3.786	46	129915	81.040	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.040%		
24) Chloroform-d	4.249	84	246140	41.724	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.440%		
26) 1,2-Dichloroethane-d4	4.940	65	159169	43.412	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.820%		
32) Benzene-d6	4.960	84	503435	48.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.500%		
36) 1,2-Dichloropropane-d6	5.989	67	154615	49.277	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.560%		
41) Toluene-d8	7.246	98	436624	42.935	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.880%		
43) trans-1,3-Dichloroprop...	7.554	79	70040	42.861	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.720%		
47) 2-Hexanone-d5	8.027	63	92838	81.048	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.050%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	206899	43.454	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.900%		
66) 1,2-Dichlorobenzene-d4	11.564	152	190506	51.251	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.500%		
Target Compounds						Qvalue
46) Tetrachloroethene	7.911	164	9943	3.717	ug/L	96
52) Ethylbenzene	8.956	91	9484	0.709	ug/L	98
53) m,p-Xylene	9.079	106	34117	6.700	ug/L	94
54) o-Xylene	9.484	106	19503	3.953	ug/L	97
64) 1,3-Dichlorobenzene	11.127	146	4275	0.702	ug/L	90
65) 1,4-Dichlorobenzene	11.213	146	13489	2.098	ug/L	95
67) 1,2-Dichlorobenzene	11.583	146	11537	1.854	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	110205	28.966	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	49961	13.152	ug/L	99

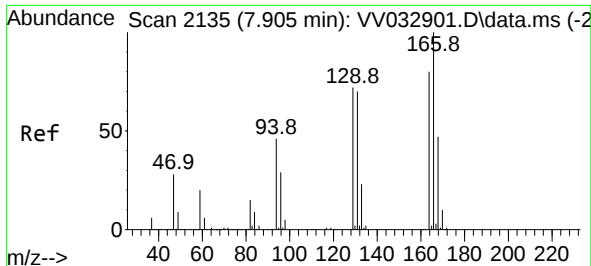
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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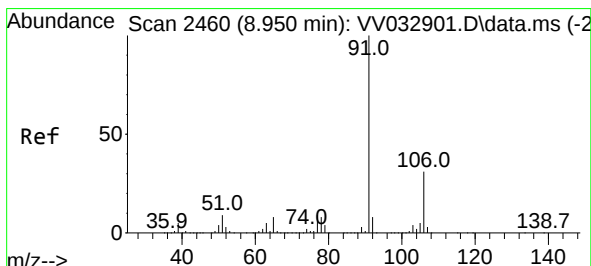
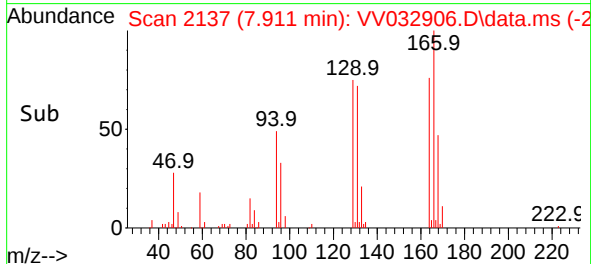
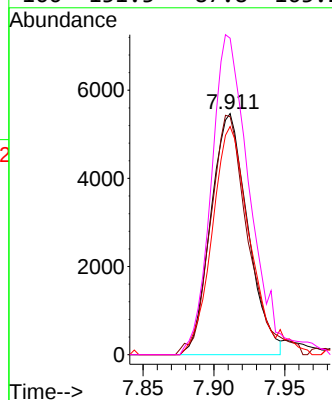
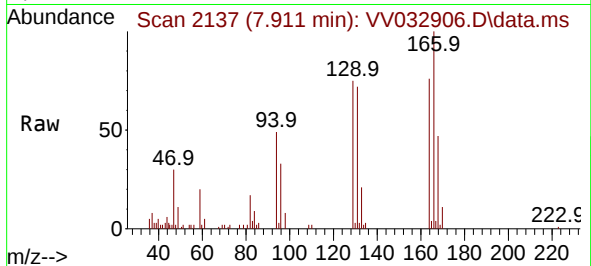




#46
Tetrachloroethene
Concen: 3.717 ug/L
RT: 7.911 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV032906.D
Acq: 10 Nov 2023 21:32

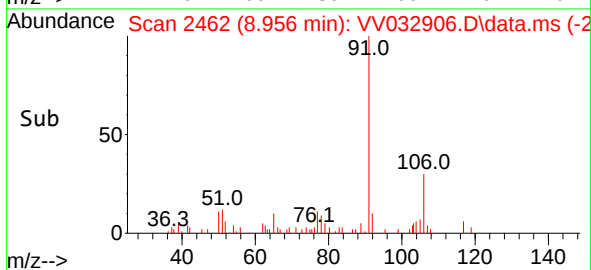
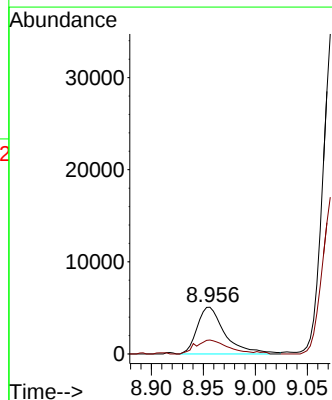
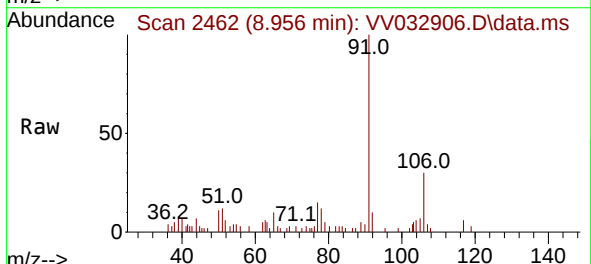
Instrument :
MSVOA_V
ClientSampleId :
BH3R1

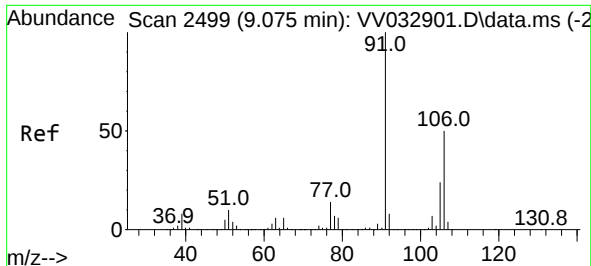
Tgt Ion:	164	Resp:	9943
Ion Ratio	Lower	Upper	
164	100		
129	98.7	65.3	121.3
131	94.6	65.0	120.8
166	131.3	87.8	163.2



#52
Ethylbenzene
Concen: 0.709 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.010 min
Lab File: VV032906.D
Acq: 10 Nov 2023 21:32

Tgt Ion:	91	Resp:	9484
Ion Ratio	Lower	Upper	
91	100		
106	29.9	21.7	40.3

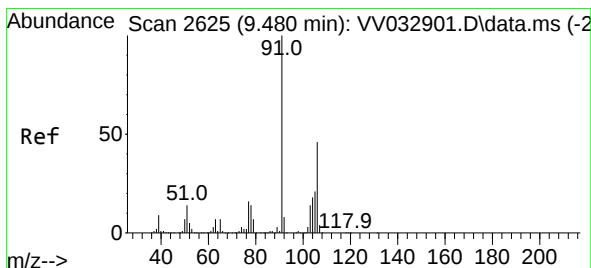
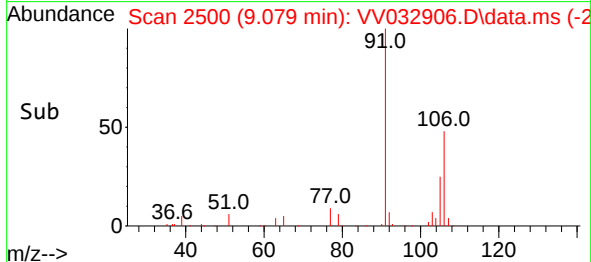
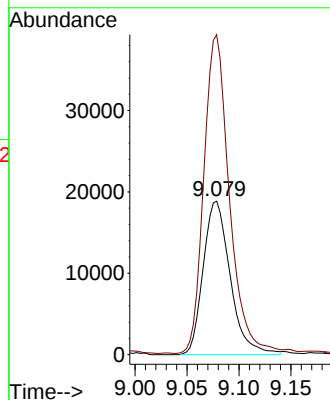
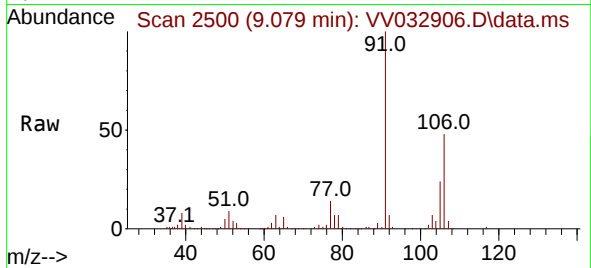




#53
m,p-Xylene
Concen: 6.700 ug/L
RT: 9.079 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV032906.D
Acq: 10 Nov 2023 21:32

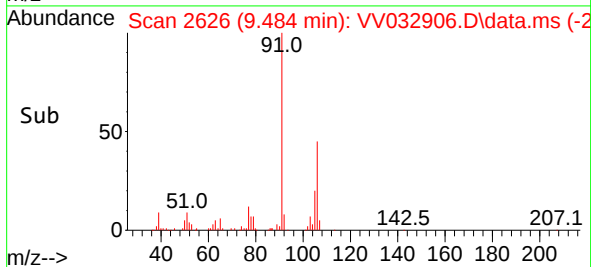
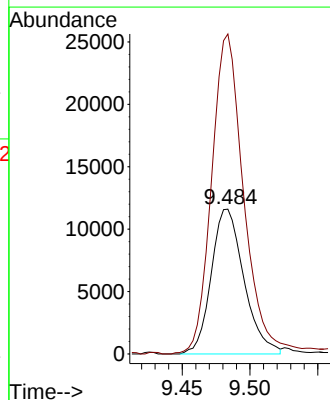
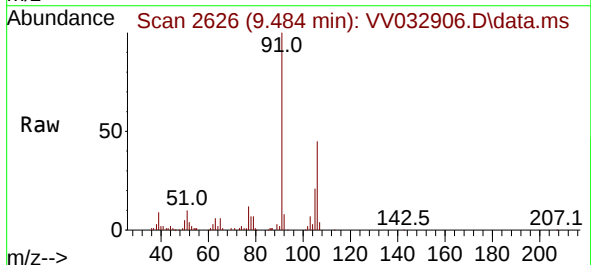
Instrument :
MSVOA_V
ClientSampleId :
BH3R1

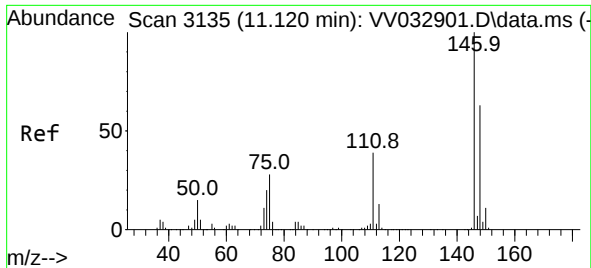
Tgt Ion:106 Resp: 34117
Ion Ratio Lower Upper
106 100
91 208.5 139.7 259.5



#54
o-Xylene
Concen: 3.953 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.003 min
Lab File: VV032906.D
Acq: 10 Nov 2023 21:32

Tgt Ion:106 Resp: 19503
Ion Ratio Lower Upper
106 100
91 221.1 151.0 280.4

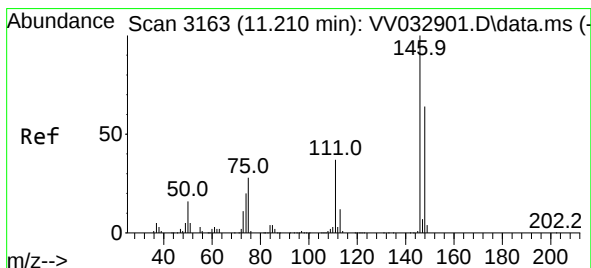
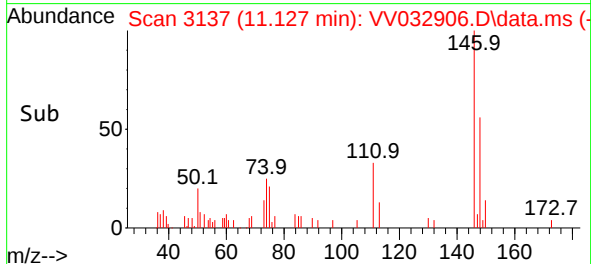
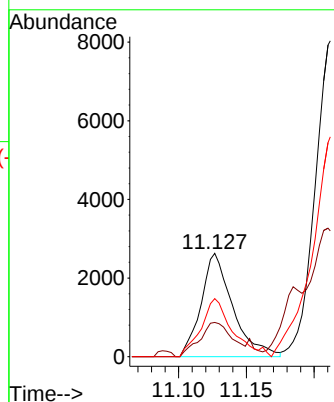
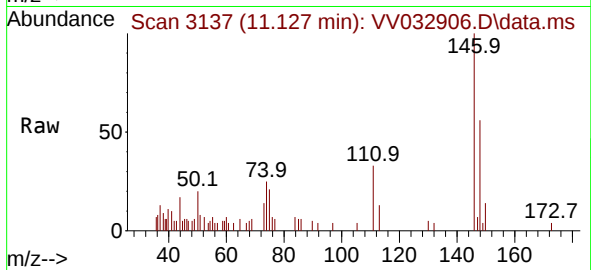




#64
1,3-Dichlorobenzene
Concen: 0.702 ug/L
RT: 11.127 min Scan# 3135
Delta R.T. 0.006 min
Lab File: VV032906.D
Acq: 10 Nov 2023 21:32

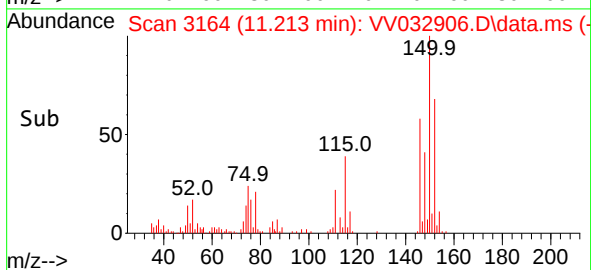
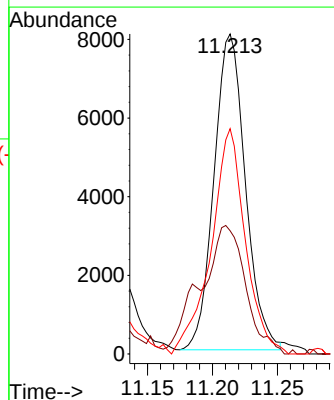
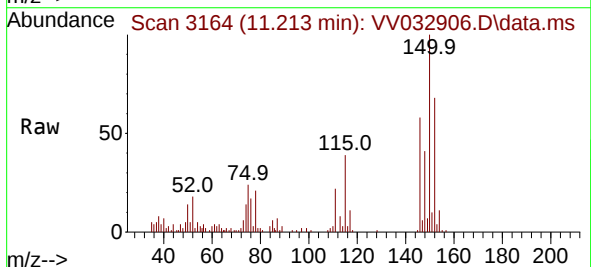
Instrument :
MSVOA_V
ClientSampleId :
BH3R1

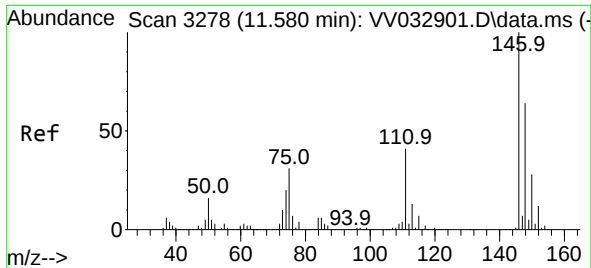
Tgt Ion:	146	Resp:	4275
Ion	Ratio	Lower	Upper
146	100		
111	33.2	27.2	50.4
148	56.1	44.6	82.8



#65
1,4-Dichlorobenzene
Concen: 2.098 ug/L
RT: 11.213 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV032906.D
Acq: 10 Nov 2023 21:32

Tgt Ion:	146	Resp:	13489
Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.5	49.1
148	70.4	44.9	83.5





#67

1,2-Dichlorobenzene

Concen: 1.854 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032906.D

Acq: 10 Nov 2023 21:32

Instrument :

MSVOA_V

ClientSampleId :

BH3R1

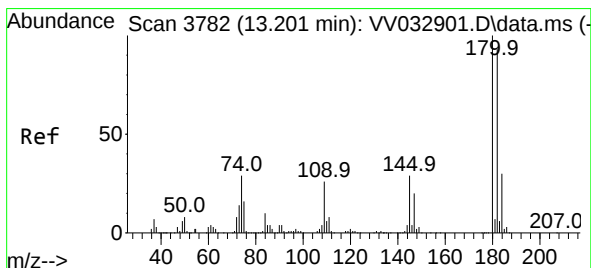
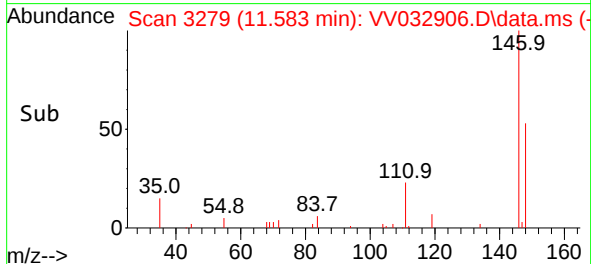
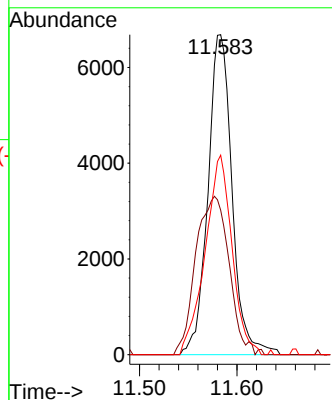
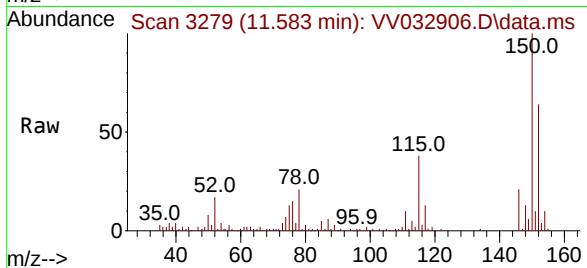
Tgt Ion:146 Resp: 11537

Ion Ratio Lower Upper

146 100

111 45.1 32.5 48.7

148 62.3 50.6 76.0



#70

1,2,4-trichlorobenzene

Concen: 28.966 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV032906.D

Acq: 10 Nov 2023 21:32

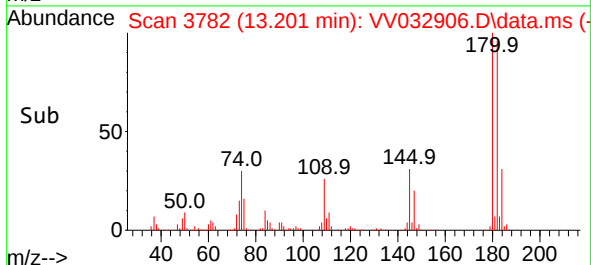
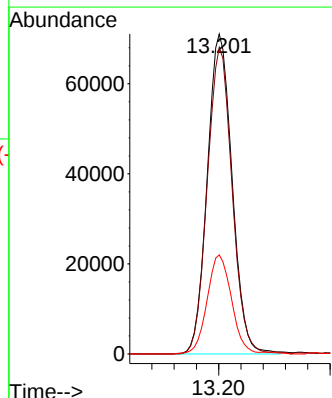
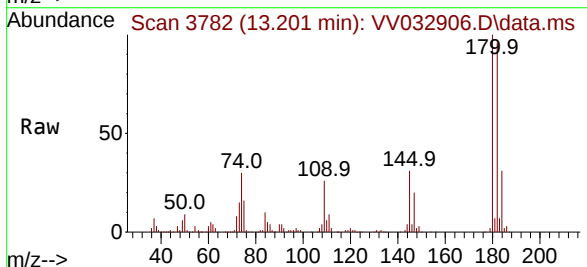
Tgt Ion:180 Resp: 110205

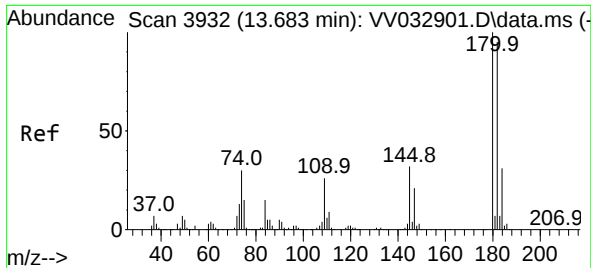
Ion Ratio Lower Upper

180 100

182 95.1 76.9 115.3

145 30.3 24.7 37.1





#72
 1,2,3-Trichlorobenzene
 Concen: 13.152 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. -0.000 min
 Lab File: VV032906.D
 Acq: 10 Nov 2023 21:32

Instrument :
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.2	114.4
145	31.4	25.8	38.8

