

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111323\
 Data File : VW032949.D
 Acq On : 13 Nov 2023 22:25
 Operator : SY/MD
 Sample : 05296-09 80 X
 Misc : 6.17gm/5mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 14 01:38:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 14 01:11:23 2023
 Response via : Initial Calibration

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

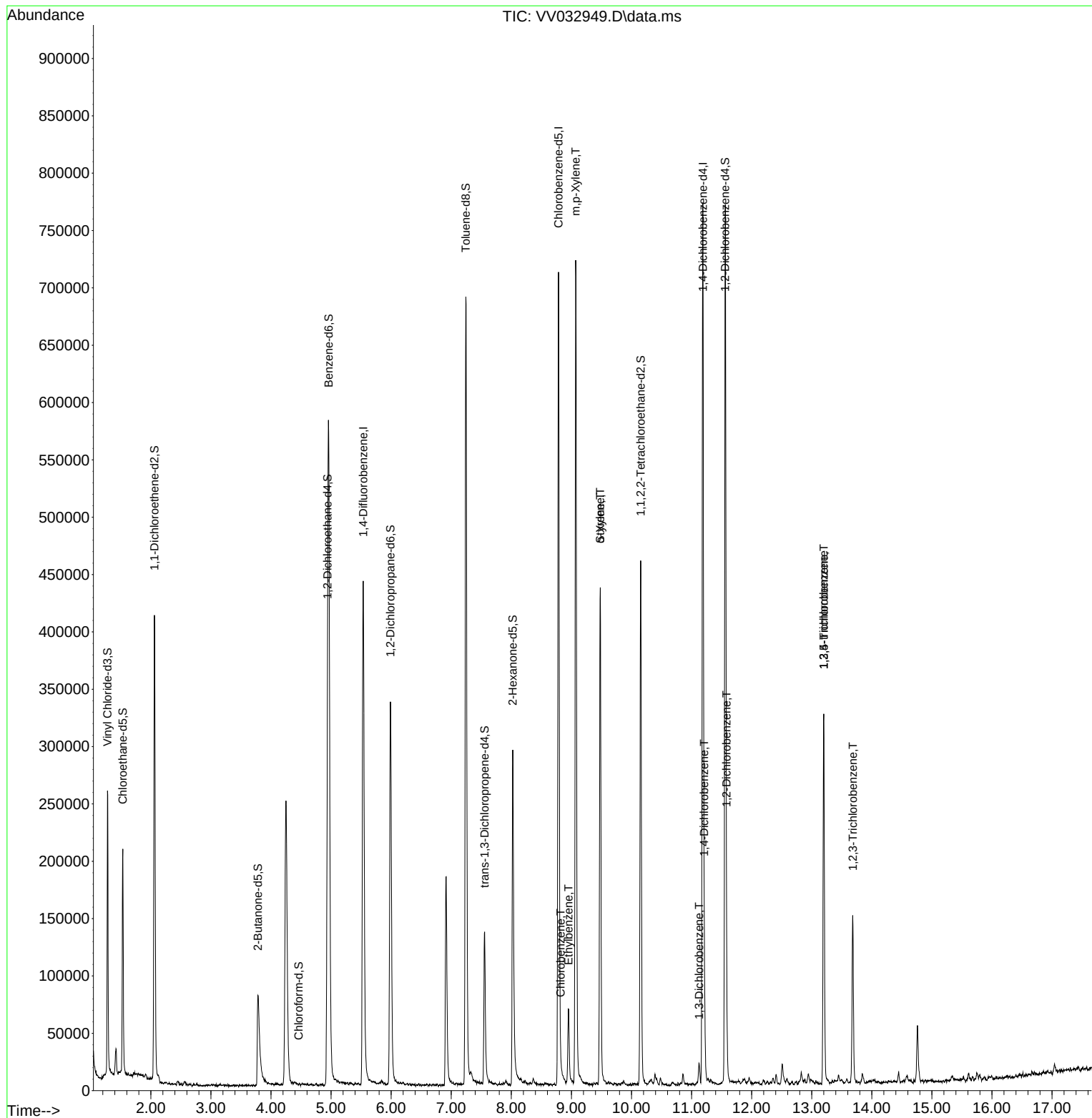
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	397584	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	391841	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	195925	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	155776	46.326	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.660%		
7) Chloroethane-d5	1.532	69	128380	46.079	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.160%		
11) 1,1-Dichloroethene-d2	2.059	65	66445	45.352	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.700%		
21) 2-Butanone-d5	3.783	46	114733	79.600	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.600%		
24) Chloroform-d	4.461	84	126	0.022	ug/L	0.21
Spiked Amount 50.000	Range 70 - 125		Recovery =	0.040%#		
26) 1,2-Dichloroethane-d4	4.940	65	167317	47.335	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.680%		
32) Benzene-d6	4.960	84	526248	49.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.480%		
36) 1,2-Dichloropropane-d6	5.989	67	157126	50.581	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.160%		
41) Toluene-d8	7.243	98	460152	46.701	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.400%		
43) trans-1,3-Dichloroprop...	7.554	79	76600	46.448	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.900%		
47) 2-Hexanone-d5	8.024	63	98057	86.162	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.160%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	212996	46.806	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.620%		
66) 1,2-Dichlorobenzene-d4	11.561	152	193748	50.892	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.780%		
Target Compounds						Qvalue
51) Chlorobenzene	8.818	112	4915	0.611	ug/L #	84
52) Ethylbenzene	8.953	91	47296	3.677	ug/L	98
53) m,p-Xylene	9.072	106	200320	40.508	ug/L	98
54) o-Xylene	9.480	106	114975	24.113	ug/L	97
55) Styrene	9.480	104	7449	0.886	ug/L #	1
64) 1,3-Dichlorobenzene	11.127	146	6848	1.132	ug/L	83
65) 1,4-Dichlorobenzene	11.210	146	37061	5.713	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	14055	2.311	ug/L #	93
69) 1,3,5-Trichlorobenzene	13.201	180	93749	20.657	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	93749	22.996	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	42553	10.371	ug/L	99

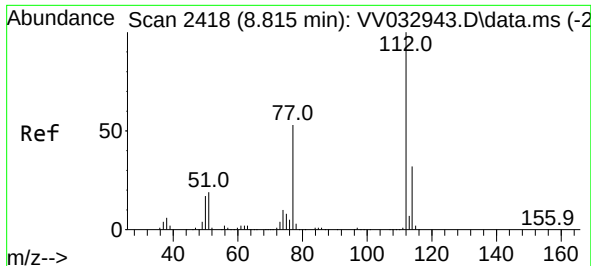
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111323\
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Quant Title : VOC Analysis
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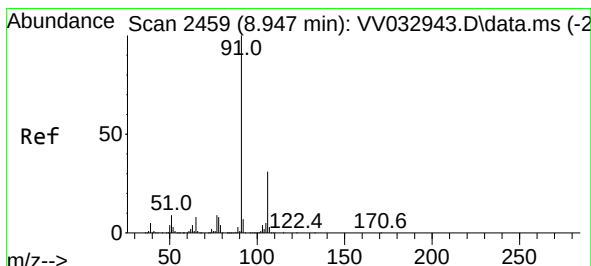
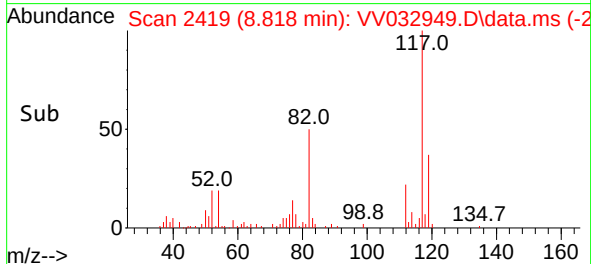
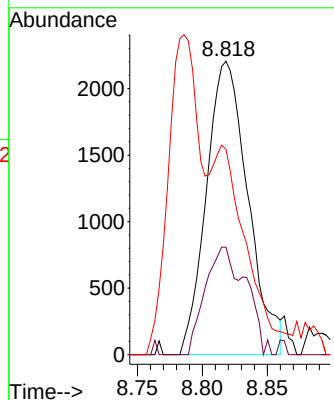
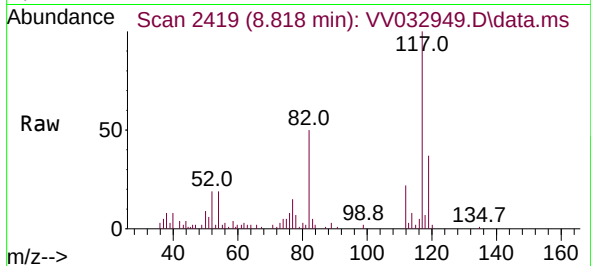




#51
Chlorobenzene
Concen: 0.611 ug/L
RT: 8.818 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV032949.D
Acq: 13 Nov 2023 22:25

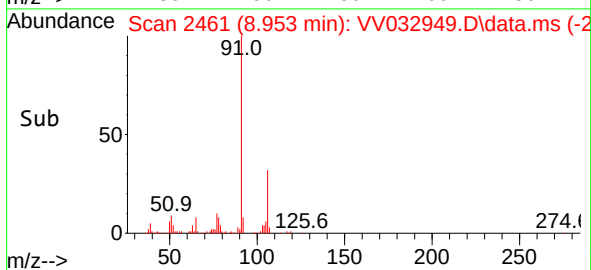
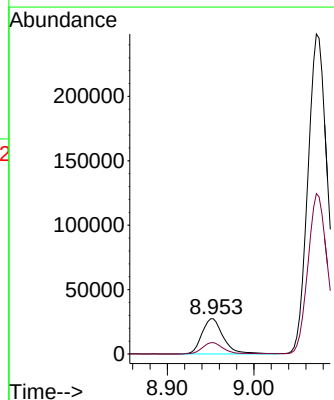
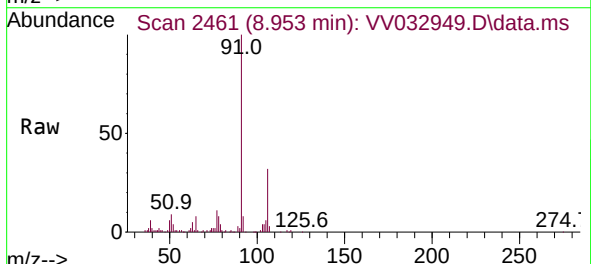
Instrument :
MSVOA_V
ClientSampleId :

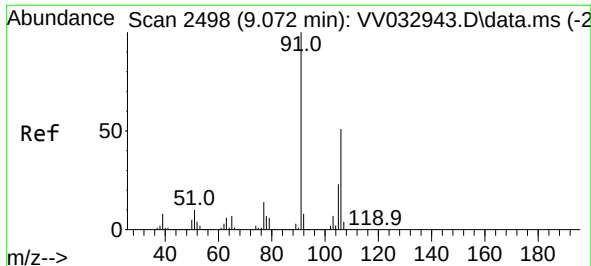
Tgt Ion:112 Resp: 4915
Ion Ratio Lower Upper
112 100
114 36.6 22.1 41.1
77 69.9 44.2 66.2#



#52
Ethylbenzene
Concen: 3.677 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.006 min
Lab File: VV032949.D
Acq: 13 Nov 2023 22:25

Tgt Ion: 91 Resp: 47296
Ion Ratio Lower Upper
91 100
106 32.2 21.6 40.0





#53

m,p-Xylene

Concen: 40.508 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV032949.D

Acq: 13 Nov 2023 22:25

Instrument :

MSVOA_V

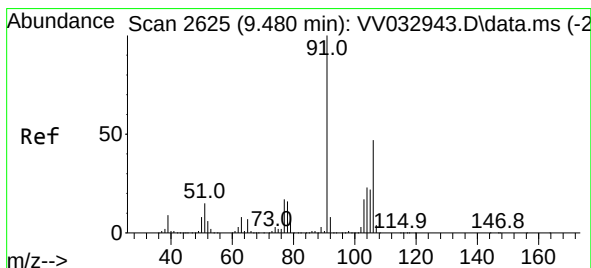
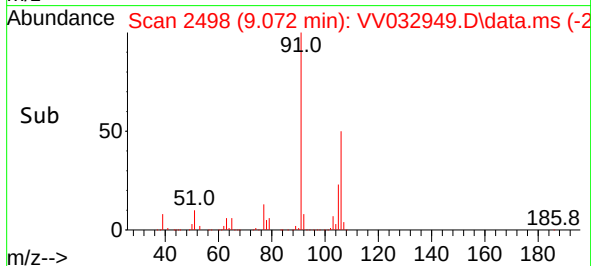
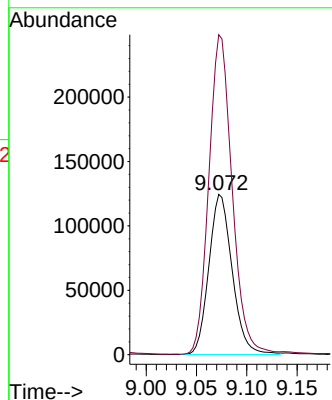
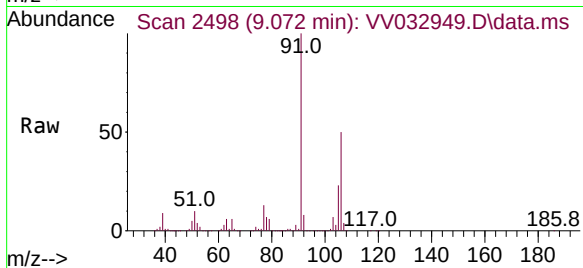
ClientSampleId :

Tgt Ion:106 Resp: 200320

Ion Ratio Lower Upper

106 100

91 199.6 137.5 255.4



#54

o-Xylene

Concen: 24.113 ug/L

RT: 9.480 min Scan# 2625

Delta R.T. -0.000 min

Lab File: VV032949.D

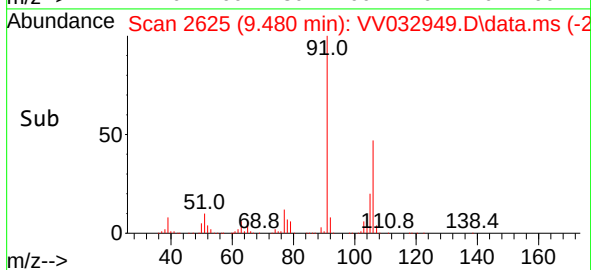
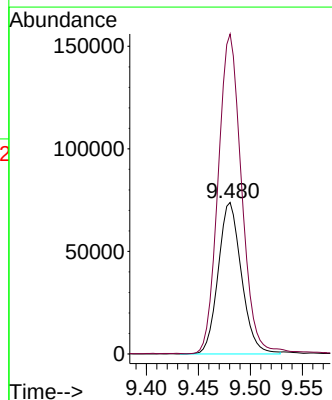
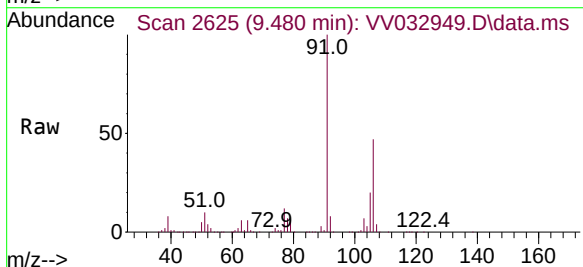
Acq: 13 Nov 2023 22:25

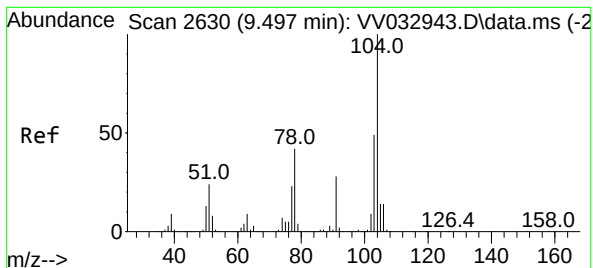
Tgt Ion:106 Resp: 114975

Ion Ratio Lower Upper

106 100

91 211.2 151.6 281.6





#55

Styrene

Concen: 0.886 ug/L

RT: 9.480 min Scan# 2

Delta R.T. -0.016 min

Lab File: VV032949.D

Acq: 13 Nov 2023 22:25

Instrument :

MSVOA_V

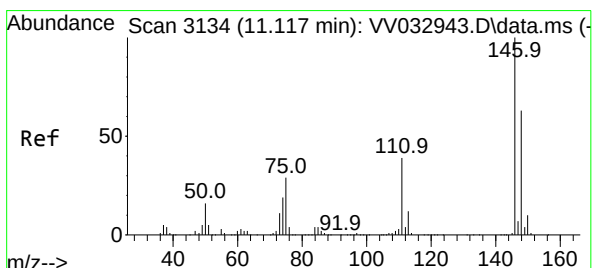
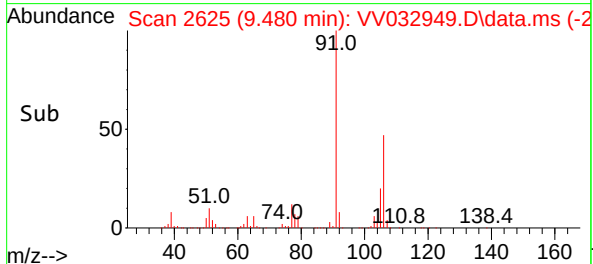
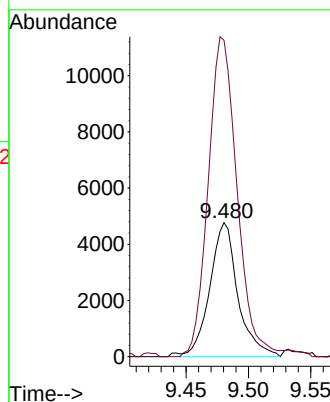
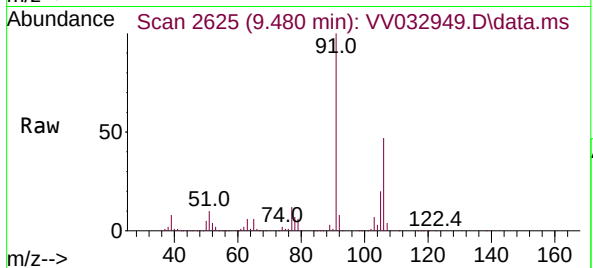
ClientSampleId :

Tgt Ion:104 Resp: 7449

Ion Ratio Lower Upper

104 100

78 235.9 29.8 55.4#



#64

1,3-Dichlorobenzene

Concen: 1.132 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.010 min

Lab File: VV032949.D

Acq: 13 Nov 2023 22:25

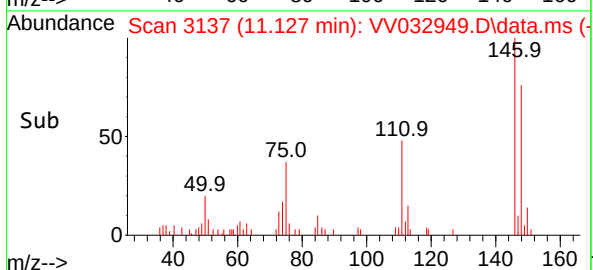
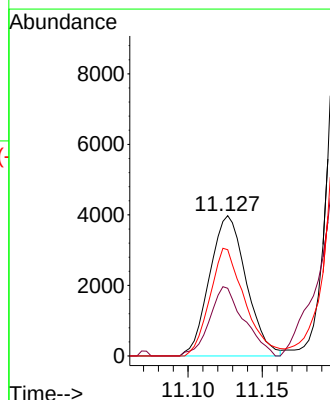
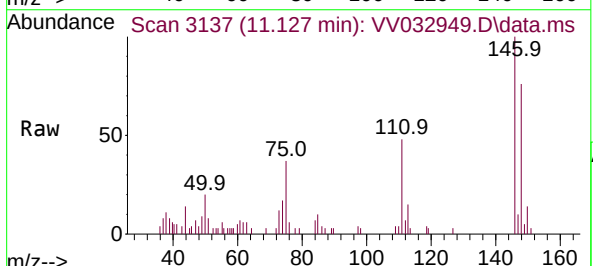
Tgt Ion:146 Resp: 6848

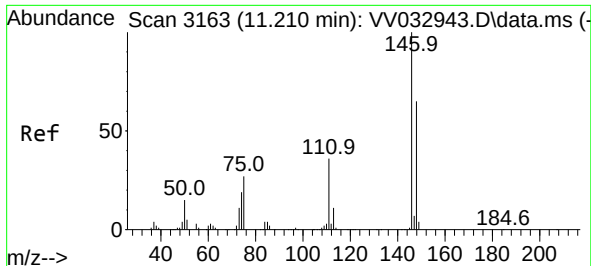
Ion Ratio Lower Upper

146 100

111 48.2 26.9 49.9

148 75.7 43.6 81.0

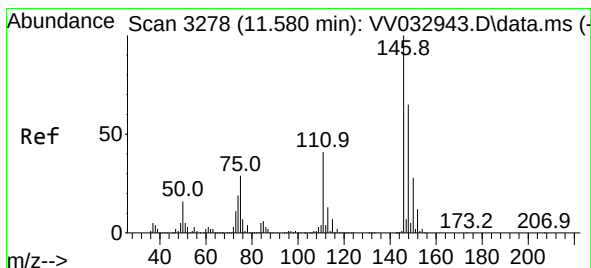
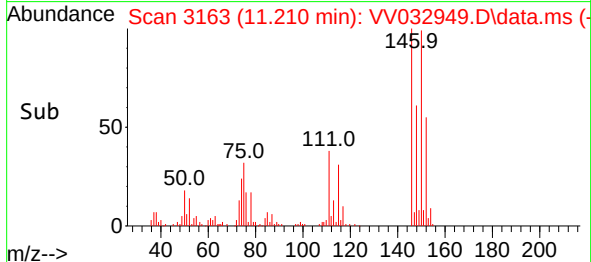
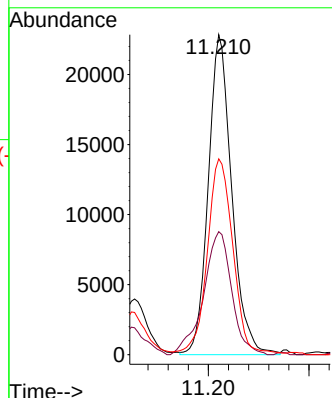
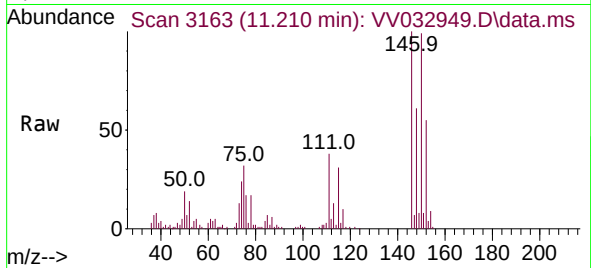




#65
1,4-Dichlorobenzene
Concen: 5.713 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV032949.D
Acq: 13 Nov 2023 22:25

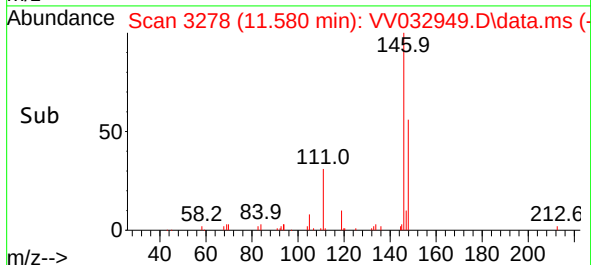
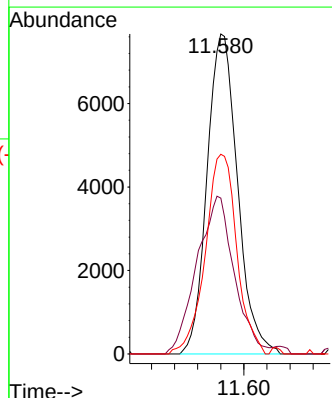
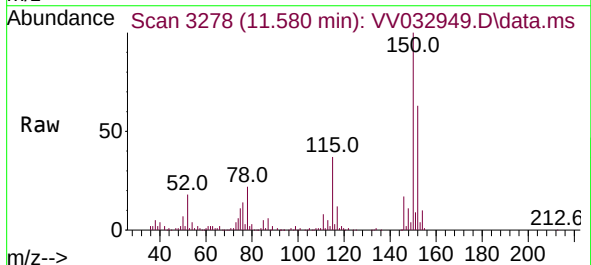
Instrument :
MSVOA_V
ClientSampleId :

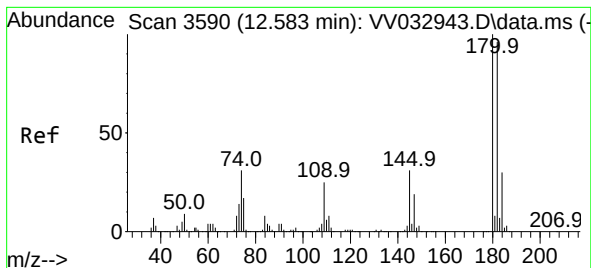
Tgt Ion:146 Resp: 37061
Ion Ratio Lower Upper
146 100
111 38.5 25.5 47.3
148 61.2 44.4 82.5



#67
1,2-Dichlorobenzene
Concen: 2.311 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VV032949.D
Acq: 13 Nov 2023 22:25

Tgt Ion:146 Resp: 14055
Ion Ratio Lower Upper
146 100
111 48.7 31.1 46.7#
148 62.4 51.4 77.0





#69

1,3,5-Trichlorobenzene

Concen: 20.657 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.617 min

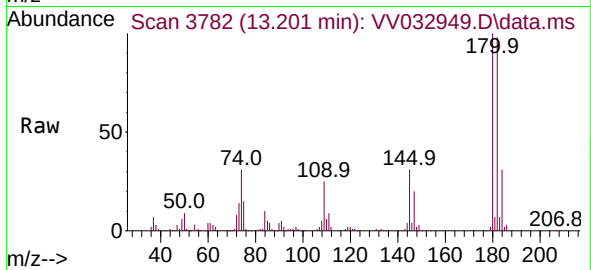
Lab File: VV032949.D

Acq: 13 Nov 2023 22:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 93749

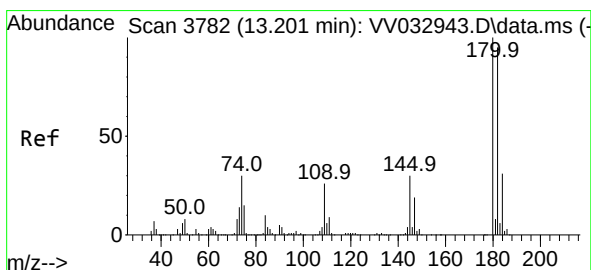
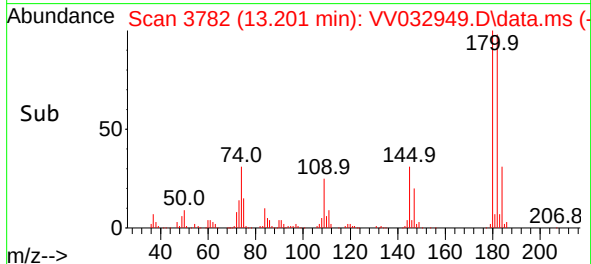
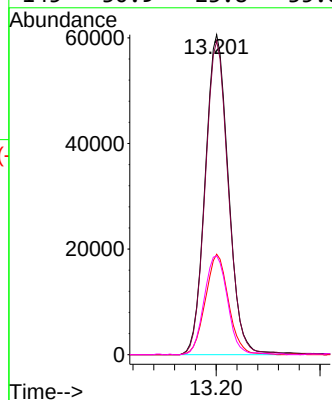
Ion Ratio Lower Upper

180 100

182 97.4 75.9 113.9

184 31.4 24.6 36.8

145 30.9 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 22.996 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV032949.D

Acq: 13 Nov 2023 22:25

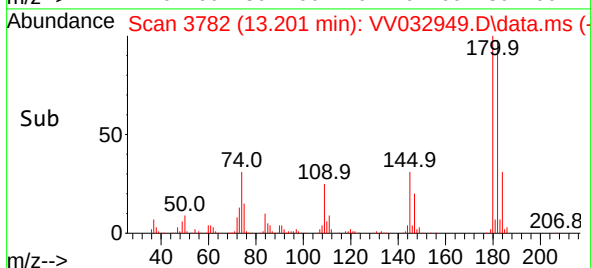
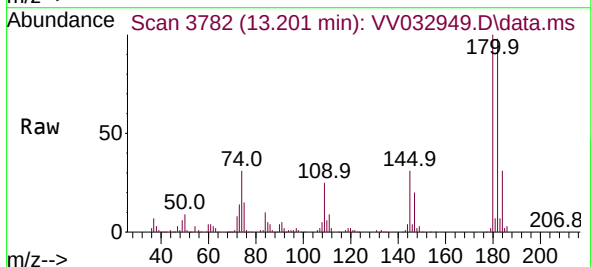
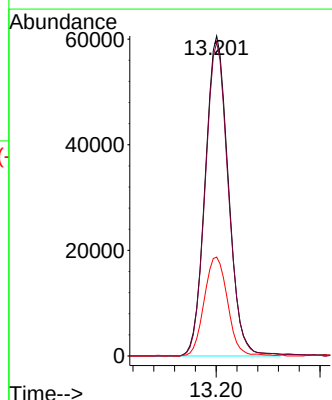
Tgt Ion:180 Resp: 93749

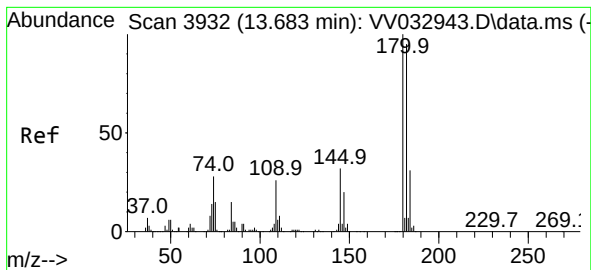
Ion Ratio Lower Upper

180 100

182 97.4 77.0 115.4

145 30.9 24.3 36.5





#72

1,2,3-Trichlorobenzene

Concen: 10.371 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. -0.000 min

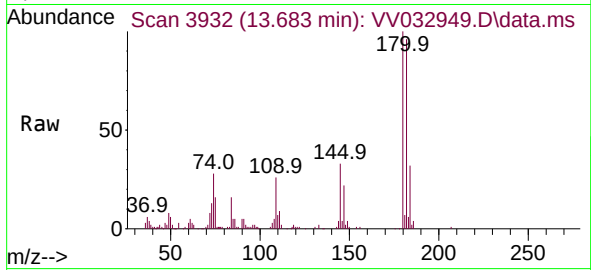
Lab File: VV032949.D

Acq: 13 Nov 2023 22:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 42553

Ion Ratio Lower Upper

180 100

182 95.7 76.9 115.3

145 33.9 26.1 39.1

