

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111323\
 Data File : VW032951.D
 Acq On : 13 Nov 2023 23:12
 Operator : SY/MD
 Sample : 05296-08 100X
 Misc : 5.97gm/5mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 14 01:39:30 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)

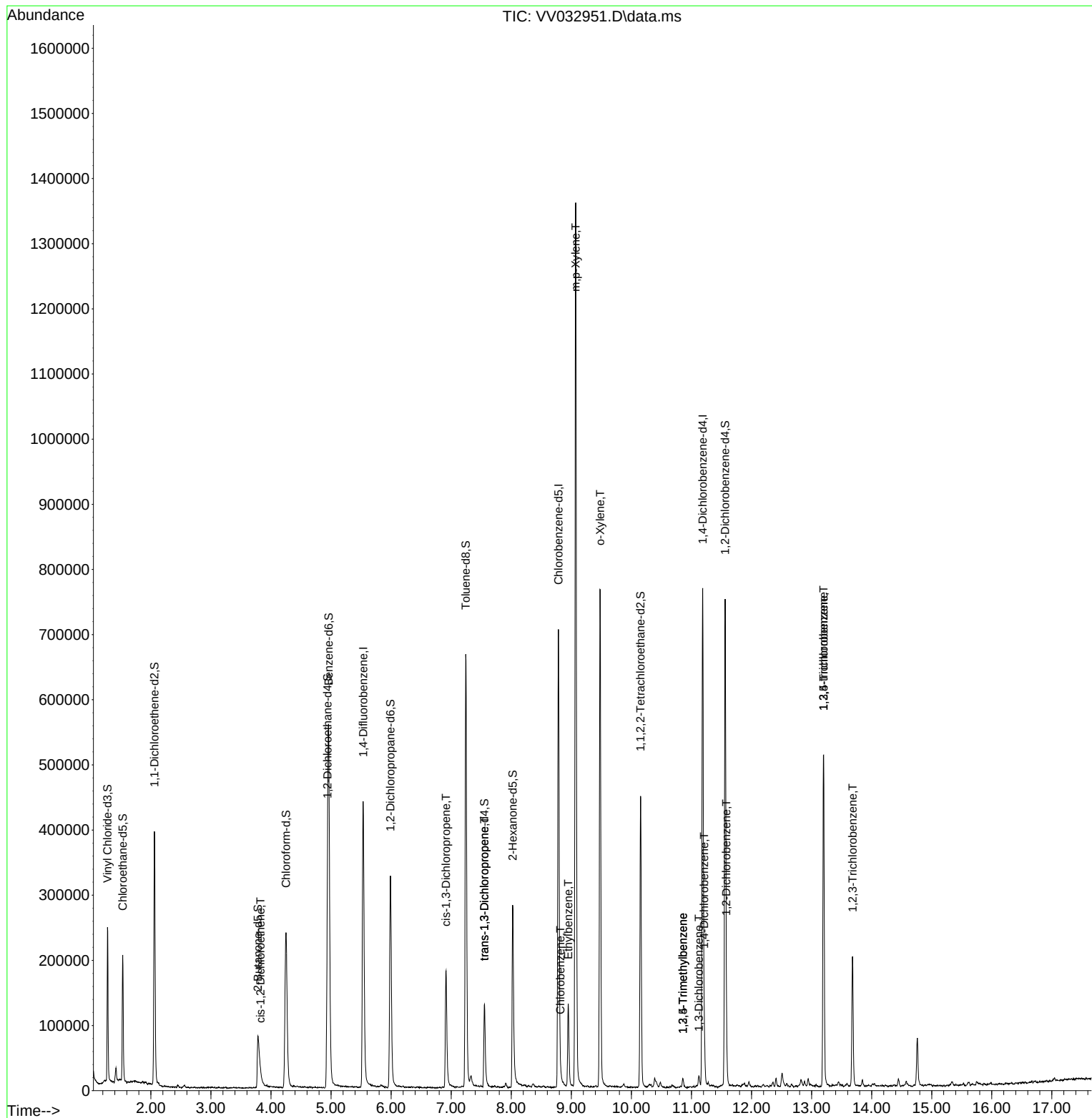
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	393814	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	391209	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	197016	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	149479	44.878	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.760%		
7) Chloroethane-d5	1.532	69	126479	45.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.660%		
11) 1,1-Dichloroethene-d2	2.060	65	63210	43.557	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.120%		
21) 2-Butanone-d5	3.783	46	117997	82.648	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.650%		
24) Chloroform-d	4.249	84	260057	45.195	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.380%		
26) 1,2-Dichloroethane-d4	4.940	65	162579	46.435	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.860%		
32) Benzene-d6	4.960	84	505255	47.354	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.700%		
36) 1,2-Dichloropropane-d6	5.989	67	153337	49.441	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.880%		
41) Toluene-d8	7.243	98	442013	44.933	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.860%		
43) trans-1,3-Dichloroprop...	7.551	79	72980	44.325	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.640%		
47) 2-Hexanone-d5	8.024	63	97447	85.765	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.760%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	206783	45.514	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.020%		
66) 1,2-Dichlorobenzene-d4	11.561	152	185449	48.443	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.880%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.825	96	4358	1.467	ug/L	99
39) cis-1,3-Dichloropropene	6.915	75	5027	1.139	ug/L #	59
44) trans-1,3-Dichloropropene	7.551	75	3678	0.858	ug/L #	83
51) Chlorobenzene	8.818	112	9485	1.181	ug/L	97
52) Ethylbenzene	8.950	91	87904	6.846	ug/L	99
53) m,p-Xylene	9.072	106	374970	75.948	ug/L	98
54) o-Xylene	9.480	106	199166	41.837	ug/L	96
62) 1,3,5-Trimethylbenzene	10.857	105	6027	0.681	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	6027	0.652	ug/L	91
64) 1,3-Dichlorobenzene	11.123	146	7147	1.175	ug/L	89
65) 1,4-Dichlorobenzene	11.210	146	34468	5.283	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	16341	2.671	ug/L	98
69) 1,3,5-Trichlorobenzene	13.201	180	152321	33.376	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	152321	37.156	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	58117	14.086	ug/L	98

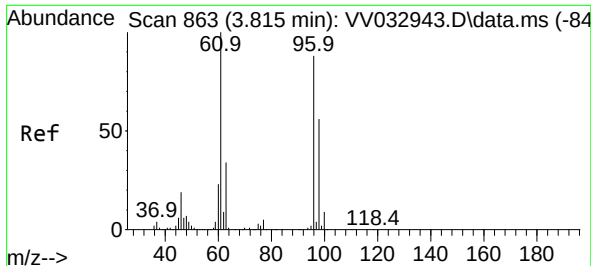
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111323\
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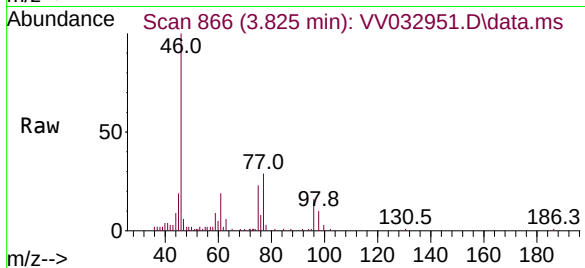
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 14 01:11:23 2023
Response via : Initial Calibration



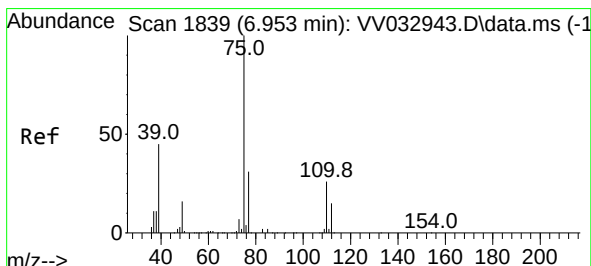
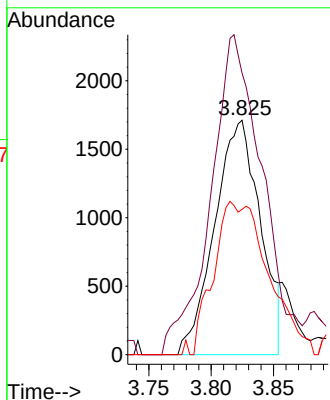
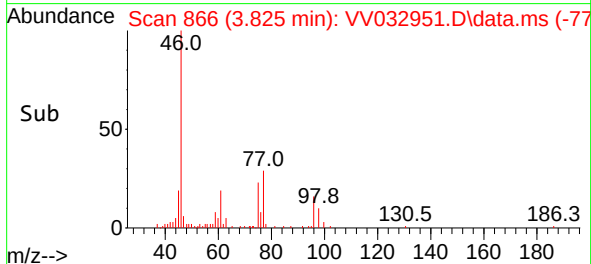


#20
 cis-1,2-Dichloroethene
 Concen: 1.467 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.010 min
 Lab File: VV032951.D
 Acq: 13 Nov 2023 23:12

Instrument :
 MSVOA_V
 ClientSampleId :

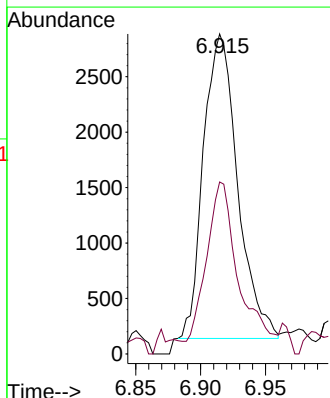
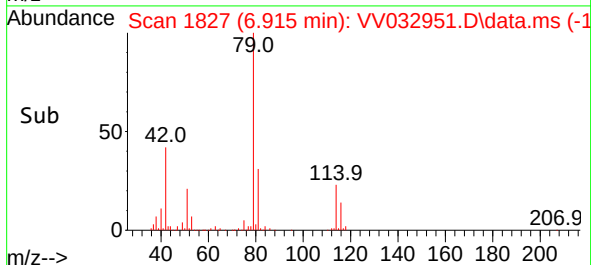
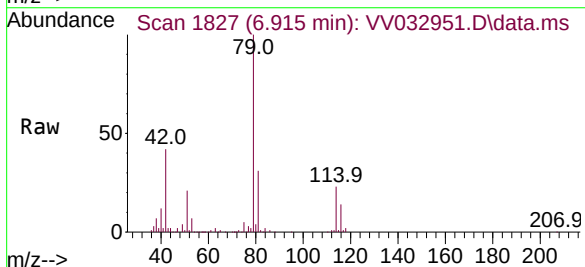


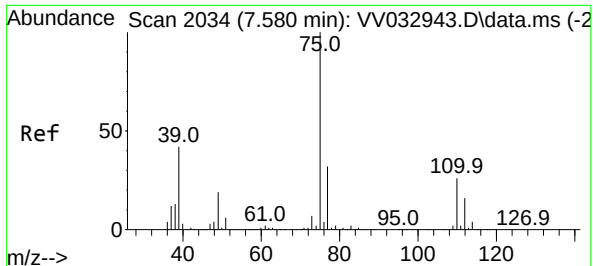
Tgt Ion: 96 Resp: 4358
 Ion Ratio Lower Upper
 96 100
 61 120.2 83.5 155.1
 98 62.0 44.0 81.8



#39
 cis-1,3-Dichloropropene
 Concen: 1.139 ug/L
 RT: 6.915 min Scan# 1827
 Delta R.T. -0.039 min
 Lab File: VV032951.D
 Acq: 13 Nov 2023 23:12

Tgt Ion: 75 Resp: 5027
 Ion Ratio Lower Upper
 75 100
 77 53.7 21.8 40.6#

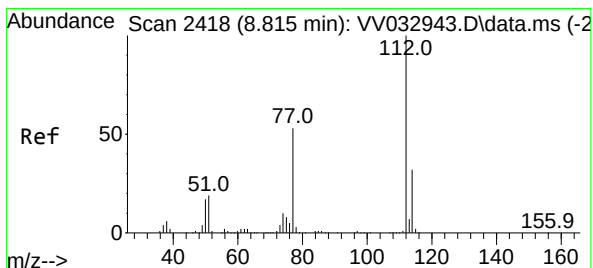
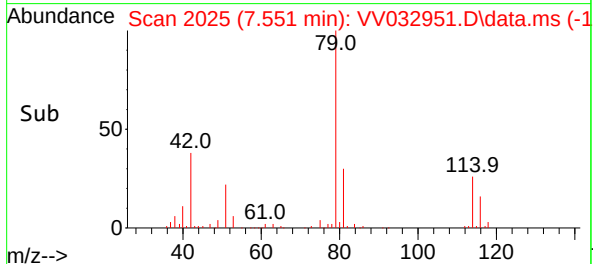
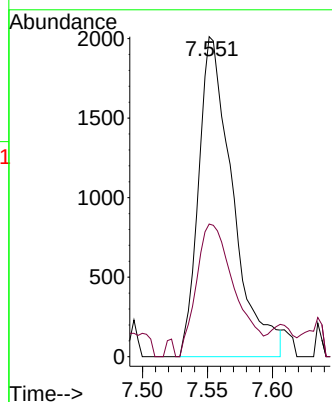
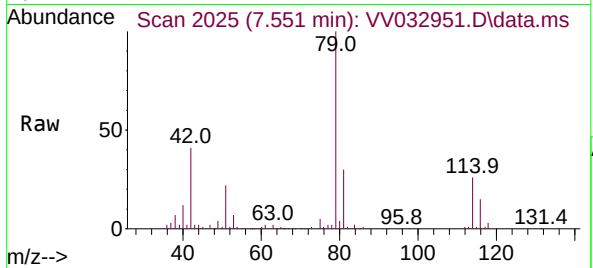




#44
trans-1,3-Dichloropropene
Concen: 0.858 ug/L
RT: 7.551 min Scan# 2034
Delta R.T. -0.029 min
Lab File: VV032951.D
Acq: 13 Nov 2023 23:12

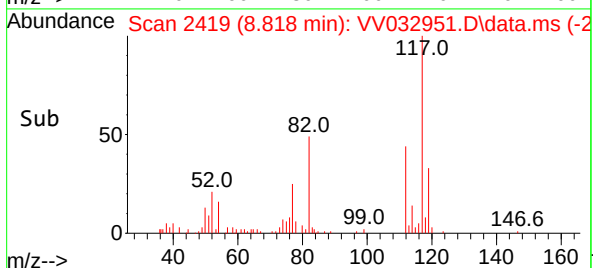
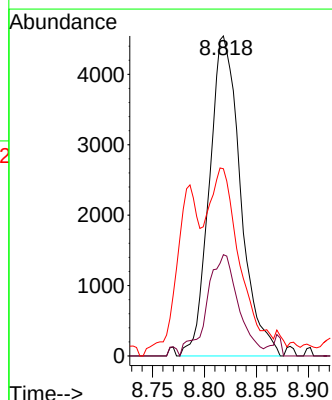
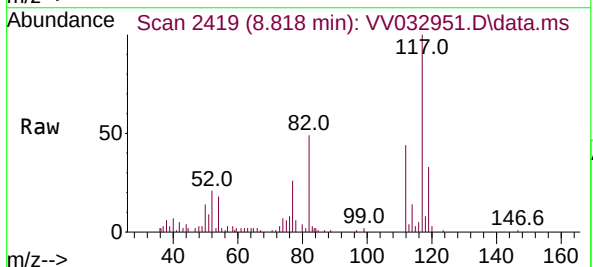
Instrument :
MSVOA_V
ClientSampleId :

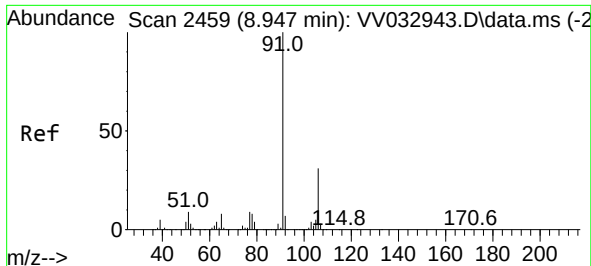
Tgt Ion: 75 Resp: 3678
Ion Ratio Lower Upper
75 100
77 41.5 22.3 41.3#



#51
Chlorobenzene
Concen: 1.181 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV032951.D
Acq: 13 Nov 2023 23:12

Tgt Ion: 112 Resp: 9485
Ion Ratio Lower Upper
112 100
114 31.7 22.1 41.1
77 58.5 44.2 66.2

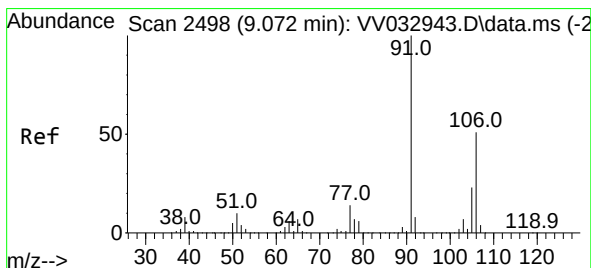
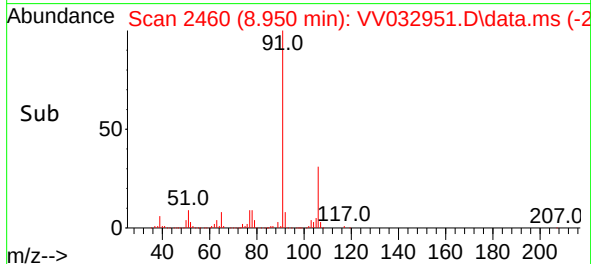
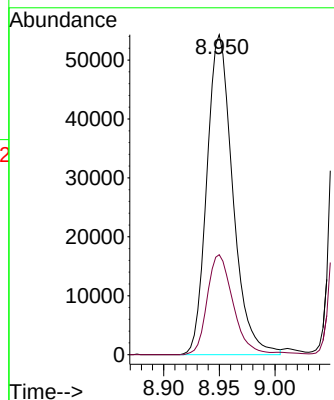
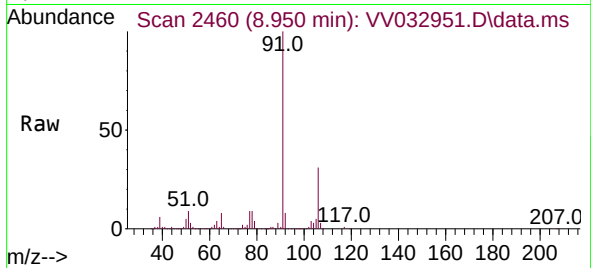




#52
Ethylbenzene
Concen: 6.846 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV032951.D
Acq: 13 Nov 2023 23:12

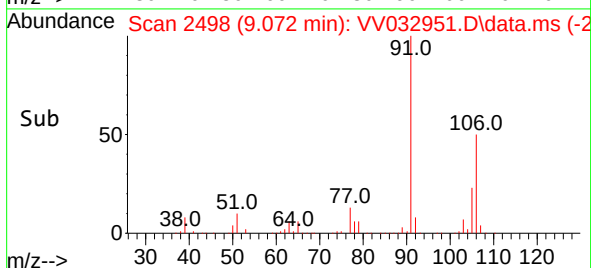
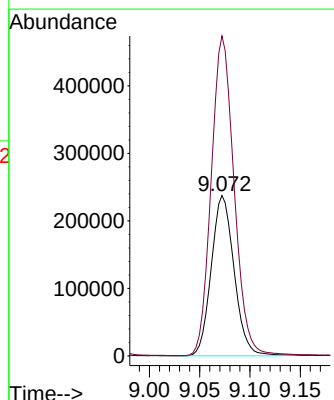
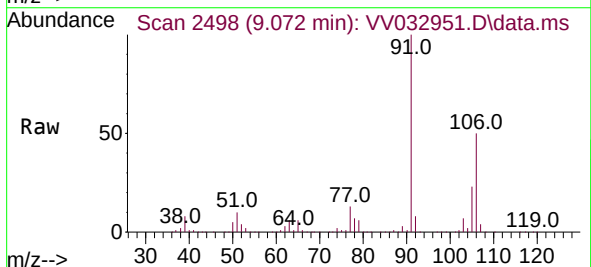
Instrument :
MSVOA_V
ClientSampleId :

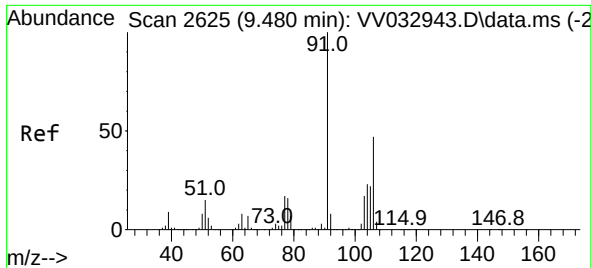
Tgt Ion: 91 Resp: 87904
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.0



#53
m,p-Xylene
Concen: 75.948 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV032951.D
Acq: 13 Nov 2023 23:12

Tgt Ion: 106 Resp: 374970
Ion Ratio Lower Upper
106 100
91 199.5 137.5 255.4

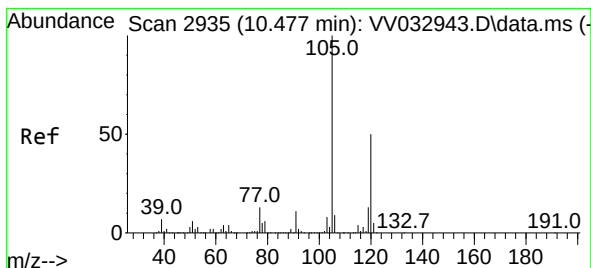
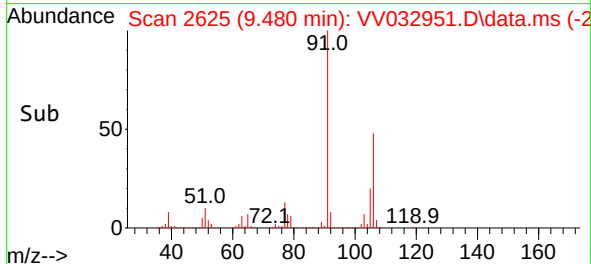
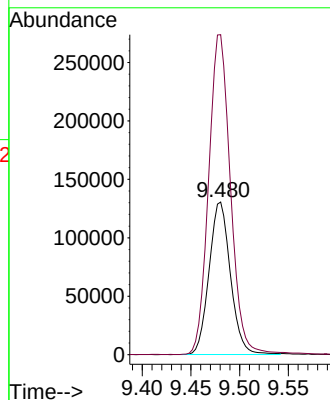
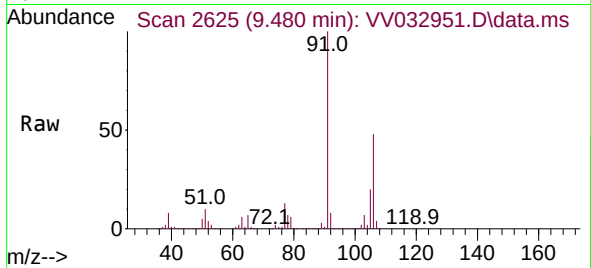




#54
o-Xylene
Concen: 41.837 ug/L
RT: 9.480 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV032951.D
Acq: 13 Nov 2023 23:12

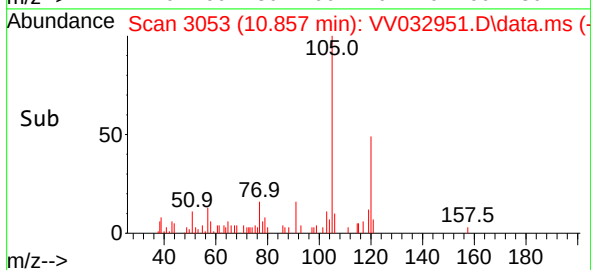
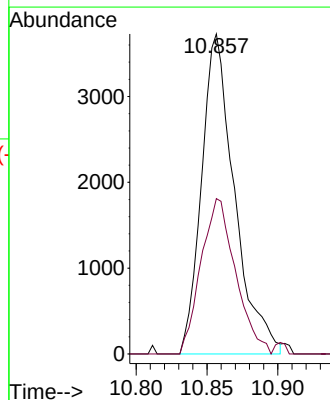
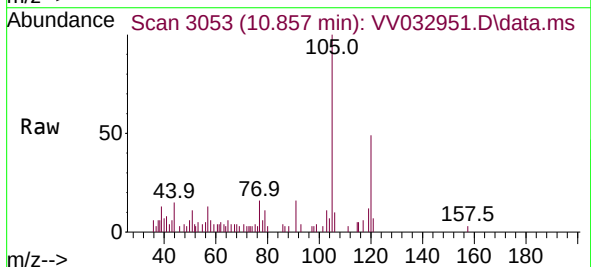
Instrument :
MSVOA_V
ClientSampleId :

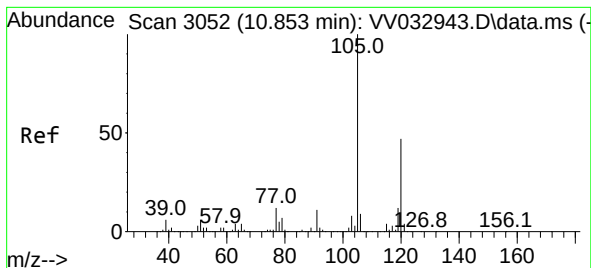
Tgt Ion:106 Resp: 199166
Ion Ratio Lower Upper
106 100
91 209.5 151.6 281.6



#62
1,3,5-Trimethylbenzene
Concen: 0.681 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.379 min
Lab File: VV032951.D
Acq: 13 Nov 2023 23:12

Tgt Ion:105 Resp: 6027
Ion Ratio Lower Upper
105 100
120 51.0 39.6 59.4





#63

1,2,4-Trimethylbenzene

Concen: 0.652 ug/L

RT: 10.857 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV032951.D

Acq: 13 Nov 2023 23:12

Instrument :

MSVOA_V

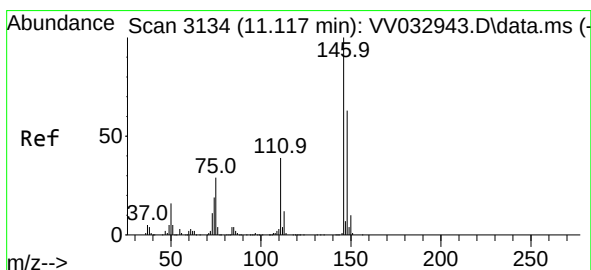
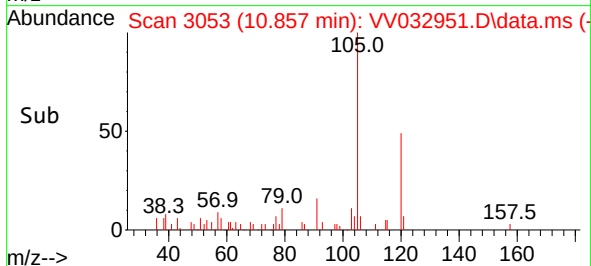
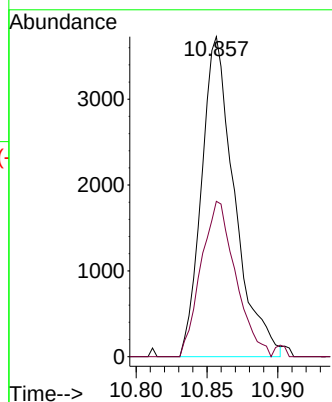
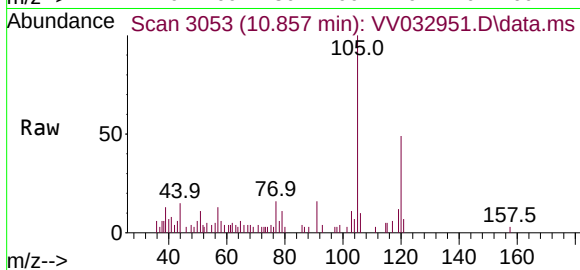
ClientSampleId :

Tgt Ion:105 Resp: 6027

Ion Ratio Lower Upper

105 100

120 51.0 36.3 54.5



#64

1,3-Dichlorobenzene

Concen: 1.175 ug/L

RT: 11.123 min Scan# 3136

Delta R.T. 0.006 min

Lab File: VV032951.D

Acq: 13 Nov 2023 23:12

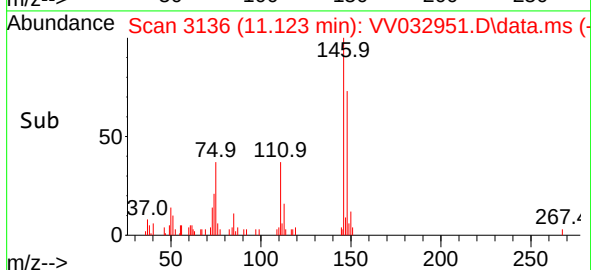
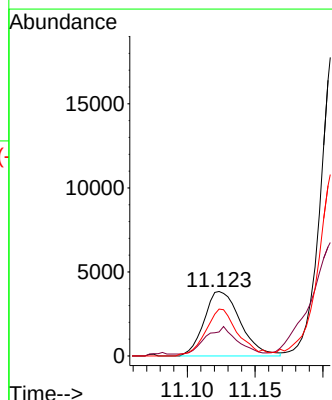
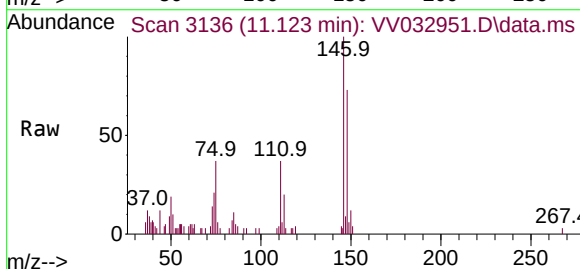
Tgt Ion:146 Resp: 7147

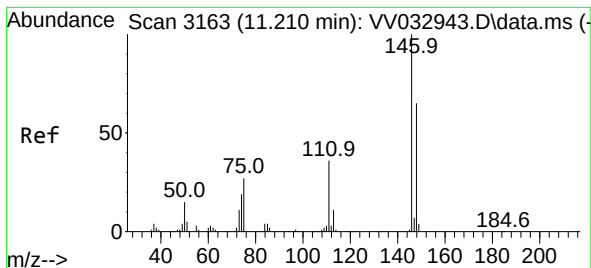
Ion Ratio Lower Upper

146 100

111 43.2 26.9 49.9

148 72.8 43.6 81.0





#65

1,4-Dichlorobenzene

Concen: 5.283 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VV032951.D

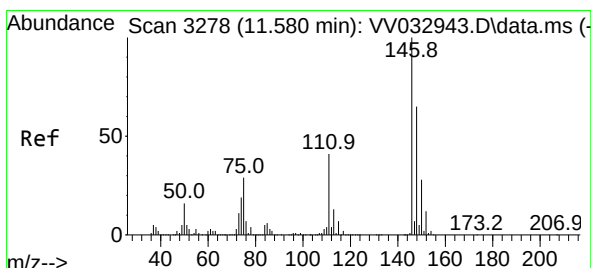
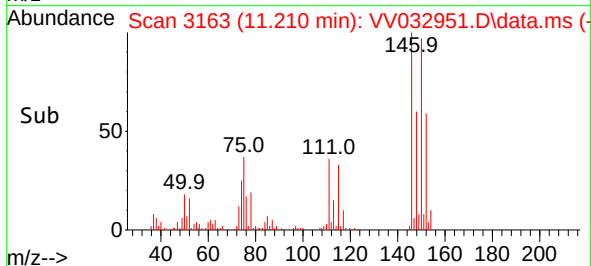
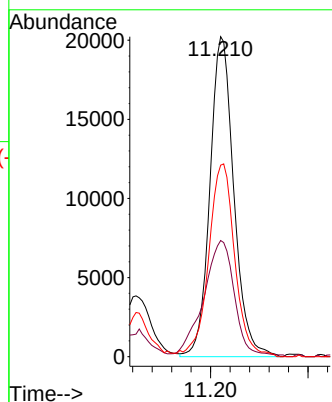
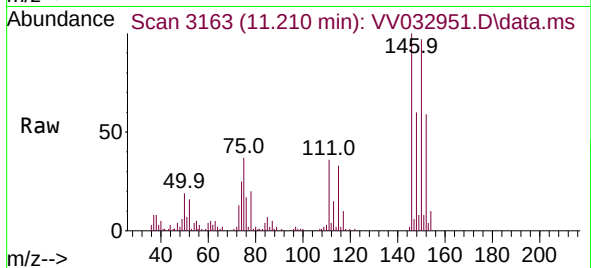
Acq: 13 Nov 2023 23:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:146	Resp:	34468
Ion Ratio	Lower	Upper
146	100	
111	36.3	25.5 47.3
148	59.9	44.4 82.5



#67

1,2-Dichlorobenzene

Concen: 2.671 ug/L

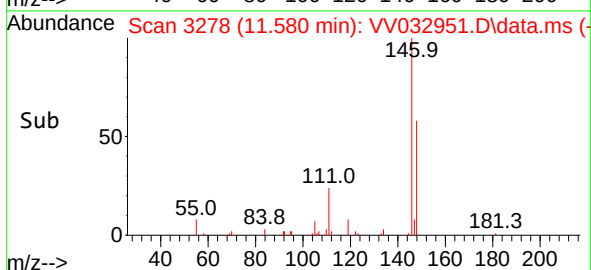
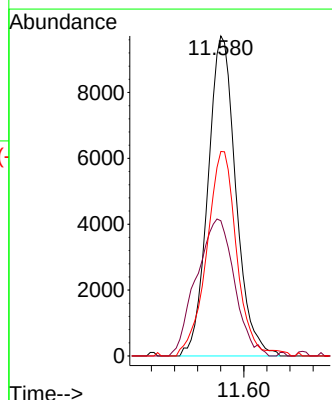
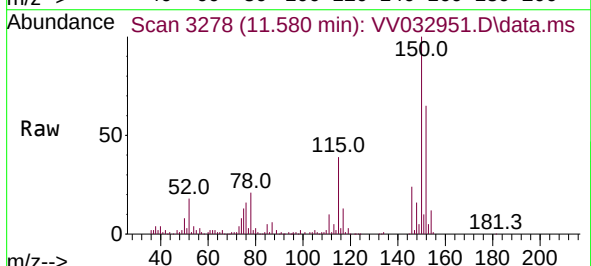
RT: 11.580 min Scan# 3278

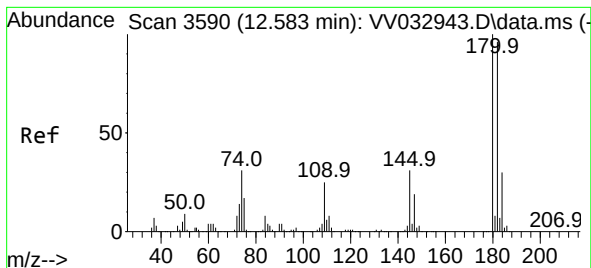
Delta R.T. -0.000 min

Lab File: VV032951.D

Acq: 13 Nov 2023 23:12

Tgt Ion:146	Resp:	16341
Ion Ratio	Lower	Upper
146	100	
111	42.3	31.1 46.7
148	63.9	51.4 77.0





#69

1,3,5-Trichlorobenzene

Concen: 33.376 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.617 min

Lab File: VV032951.D

Acq: 13 Nov 2023 23:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 152321

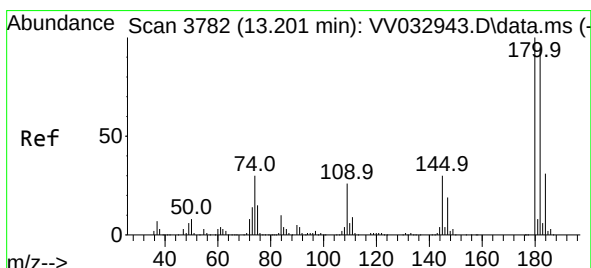
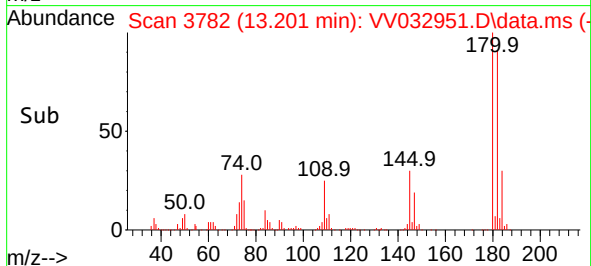
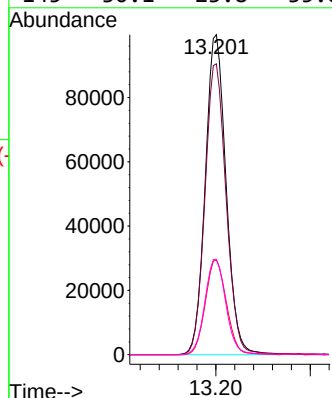
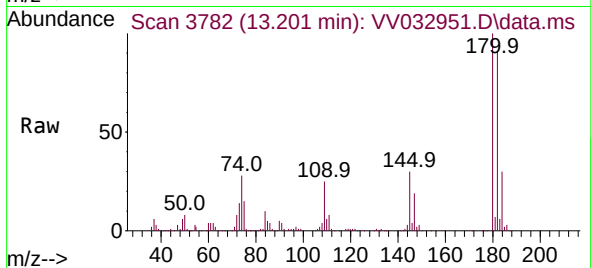
Ion Ratio Lower Upper

180 100

182 92.3 75.9 113.9

184 29.9 24.6 36.8

145 30.1 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 37.156 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV032951.D

Acq: 13 Nov 2023 23:12

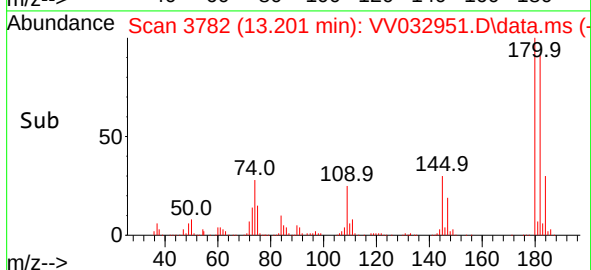
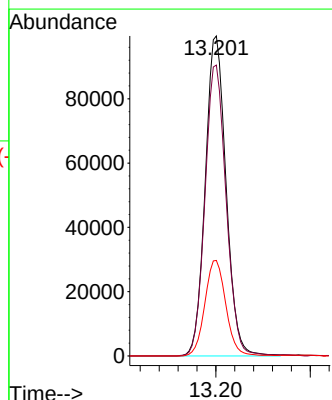
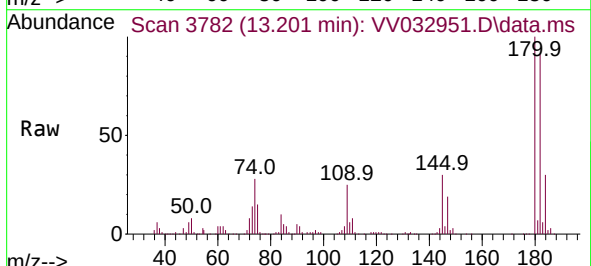
Tgt Ion:180 Resp: 152321

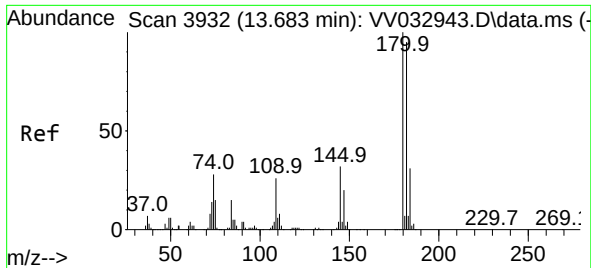
Ion Ratio Lower Upper

180 100

182 92.3 77.0 115.4

145 30.1 24.3 36.5





#72

1,2,3-Trichlorobenzene

Concen: 14.086 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. -0.000 min

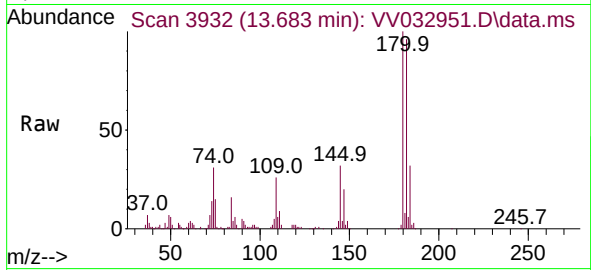
Lab File: VV032951.D

Acq: 13 Nov 2023 23:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	180	Resp:	58117
Ion Ratio	Lower	Upper	
180	100		
182	98.0	76.9	115.3
145	32.3	26.1	39.1

