

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032924\
 Data File : VW034906.D
 Acq On : 29 Mar 2024 15:25
 Operator : SY/MD
 Sample : P1934-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0R36

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/01/2024
 Supervised By :Semsettin Yesilyurt 04/01/2024

Quant Time: Mar 30 02:14:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 00:23:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	355518	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	346099	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	171254	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	145313	42.323	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.640%		
7) Chloroethane-d5	1.532	69	125853	42.202	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.400%		
11) 1,1-Dichloroethene-d2	2.060	65	67018	44.529	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.060%		
21) 2-Butanone-d5	3.783	46	163587	80.336	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.340%		
24) Chloroform-d	4.249	84	243236	42.136	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.280%		
26) 1,2-Dichloroethane-d4	4.937	65	155253	42.360	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.720%		
32) Benzene-d6	4.957	84	501376	43.127	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.260%		
36) 1,2-Dichloropropane-d6	5.986	67	158685	42.984	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.960%		
41) Toluene-d8	7.243	98	435900	41.634	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.260%		
43) trans-1,3-Dichloroprop...	7.551	79	68461	38.146	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.300%		
47) 2-Hexanone-d5	8.024	63	100892	72.284	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	72.280%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	206693	40.657	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.320%		
66) 1,2-Dichlorobenzene-d4	11.558	152	171936m	44.716	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.440%		
Target Compounds						
13) Acetone	2.114	43	22100	11.821	ug/L	99
33) Benzene	5.015	78	19509	1.729	ug/L	100
51) Chlorobenzene	8.812	112	351817	45.942	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	48370	8.384	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	335394	57.164	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	1184303	206.056	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	270090	70.713	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	117953	31.329	ug/L	100

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

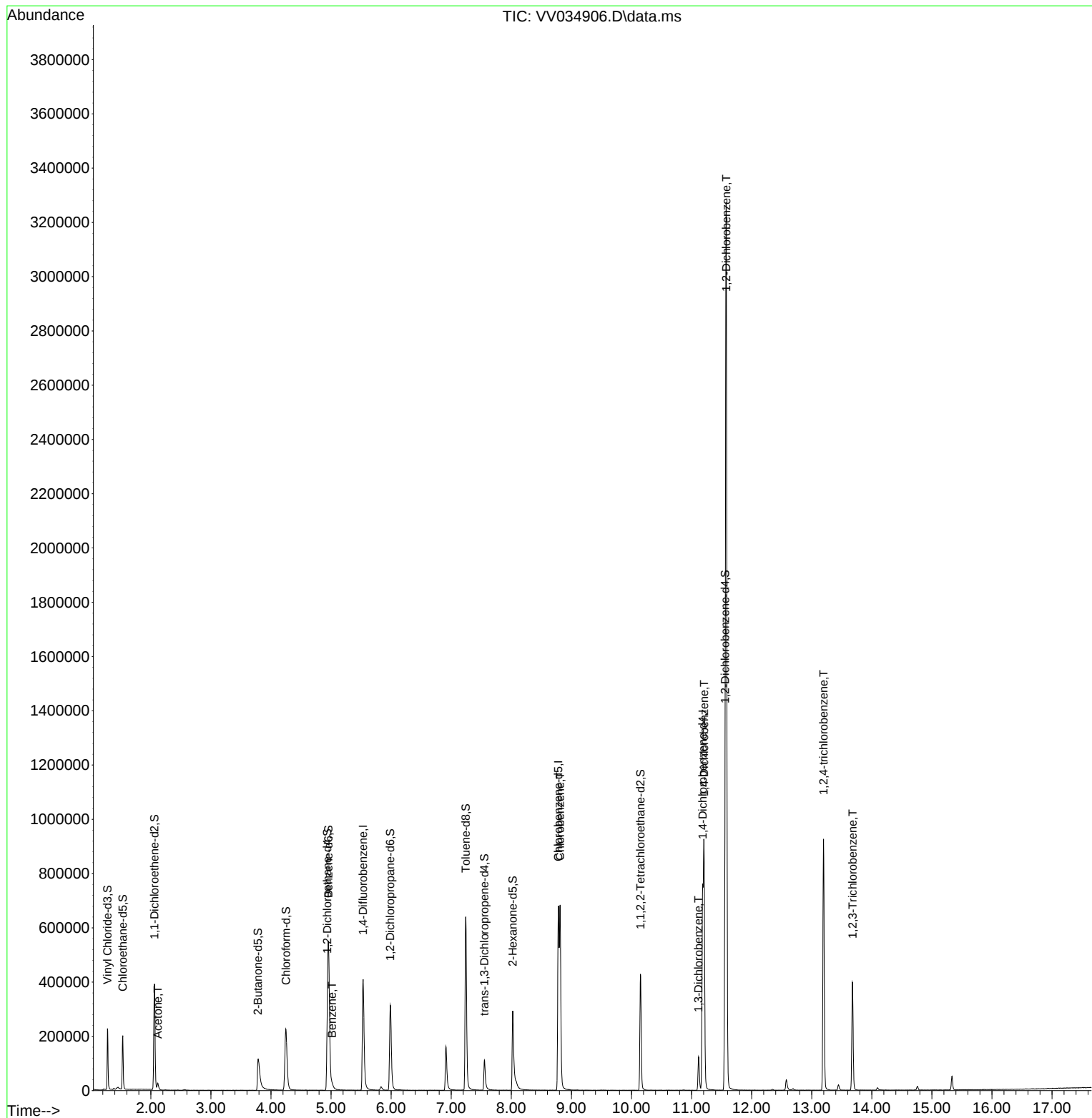
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032924\
Data File : VV034906.D
Acq On : 29 Mar 2024 15:25
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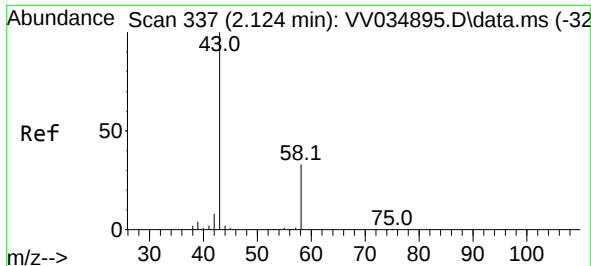
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 00:23:40 2024
Response via : Initial Calibration





#13

Acetone

Concen: 11.821 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV034906.D

Acq: 29 Mar 2024 15:25

Instrument :

MSVOA_V

ClientSampleId :

C0R36

Tgt Ion: 43 Resp: 22100

Ion Ratio Lower Upper

43 100

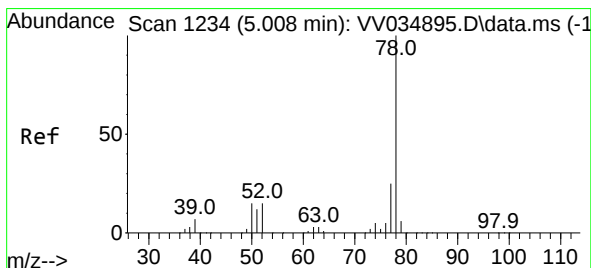
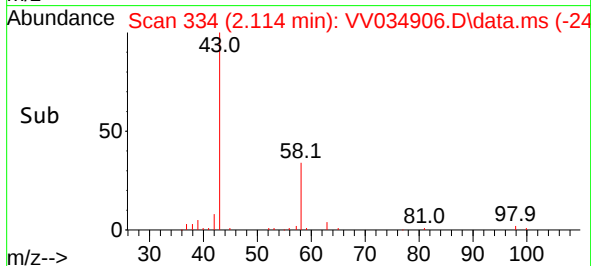
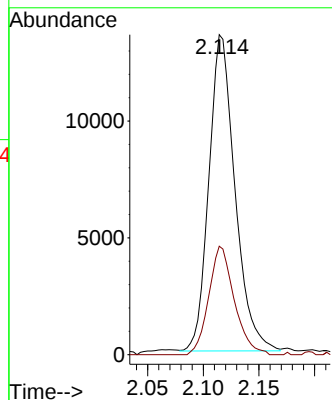
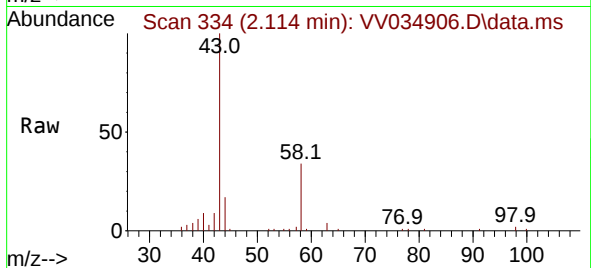
58 33.4 0.0 66.0

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#33

Benzene

Concen: 1.729 ug/L

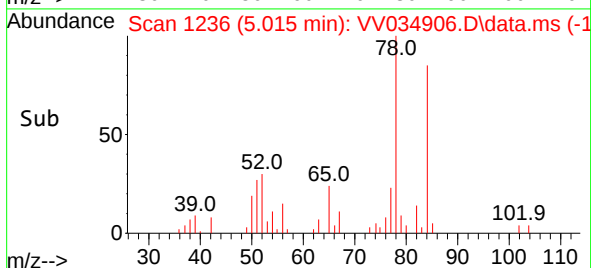
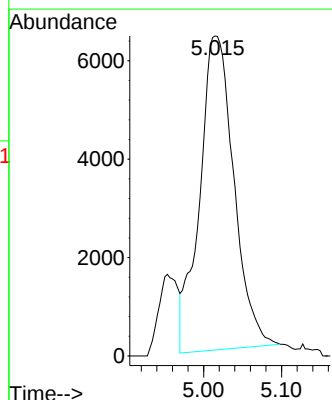
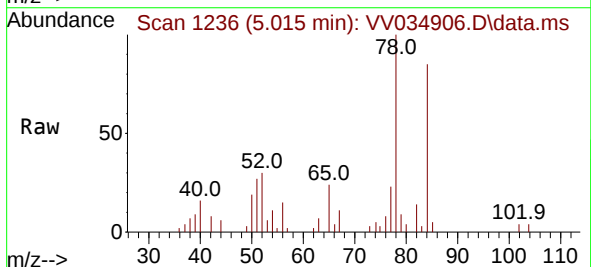
RT: 5.015 min Scan# 1236

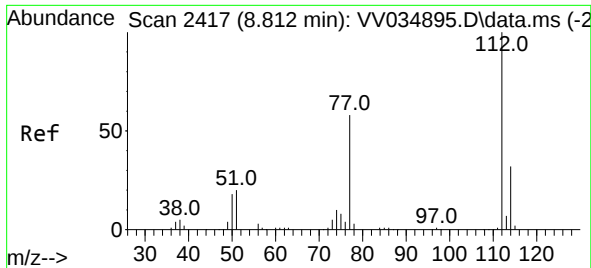
Delta R.T. 0.007 min

Lab File: VV034906.D

Acq: 29 Mar 2024 15:25

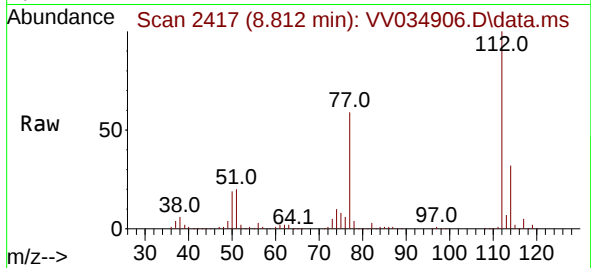
Tgt Ion: 78 Resp: 19509





#51
Chlorobenzene
Concen: 45.942 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034906.D
Acq: 29 Mar 2024 15:25

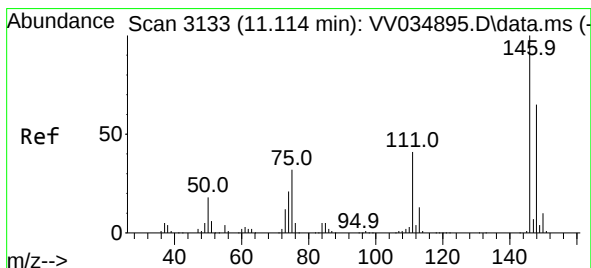
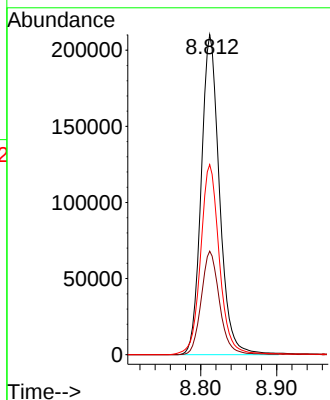
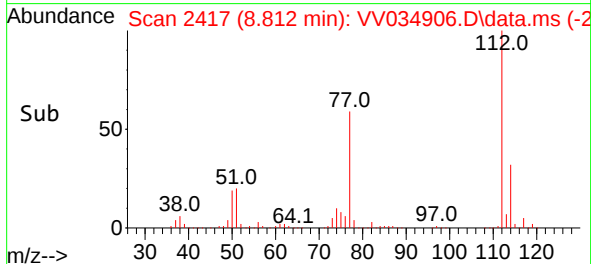
Instrument :
MSVOA_V
ClientSampleId :
C0R36



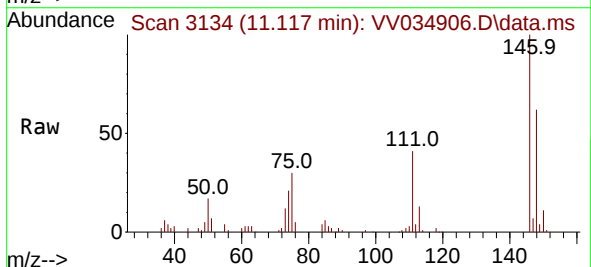
Tgt Ion:112 Resp: 35181
Ion Ratio Lower Upper
112 100
114 32.4 22.0 41.0
77 59.4 47.4 71.2

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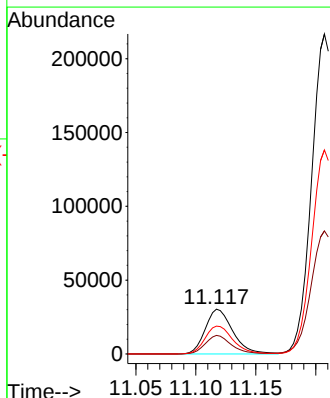
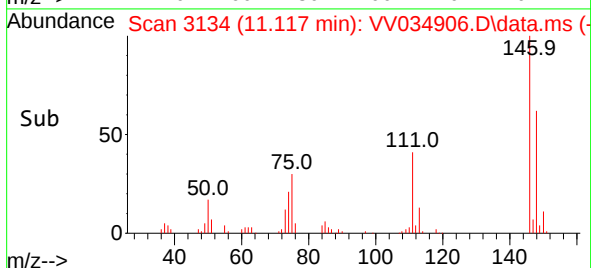
Reviewed By :Mahesh Dadoda 04/01/2024
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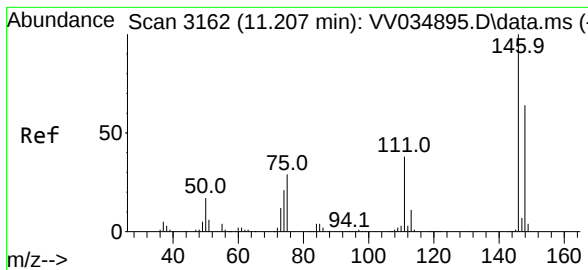


#64
1,3-Dichlorobenzene
Concen: 8.384 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV034906.D
Acq: 29 Mar 2024 15:25



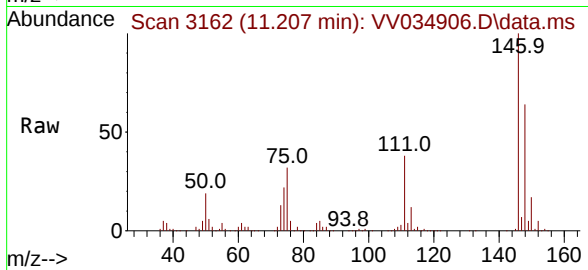
Tgt Ion:146 Resp: 48370
Ion Ratio Lower Upper
146 100
111 41.3 28.7 53.3
148 62.3 44.0 81.8





#65
1,4-Dichlorobenzene
Concen: 57.164 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034906.D
Acq: 29 Mar 2024 15:25

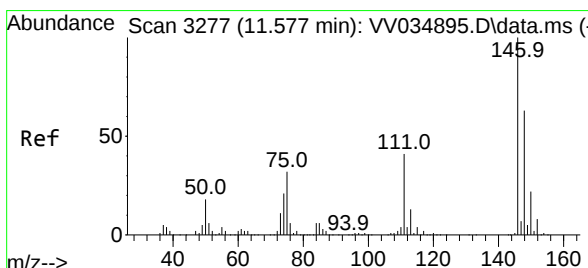
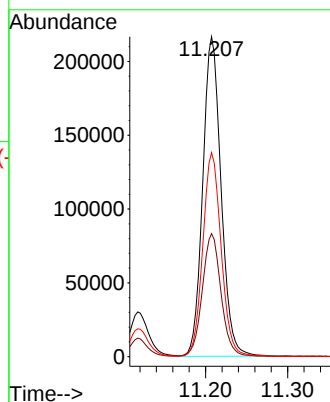
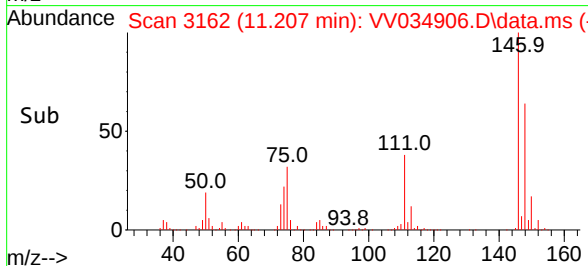
Instrument :
MSVOA_V
ClientSampleId :
COR36



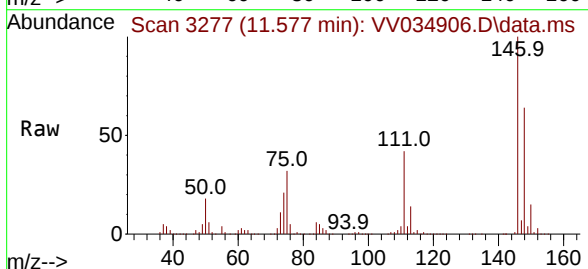
Tgt Ion:146 Resp: 335394
Ion Ratio Lower Upper
146 100
111 38.4 27.4 50.8
148 63.7 44.2 82.2

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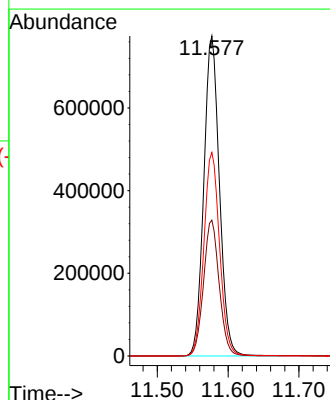
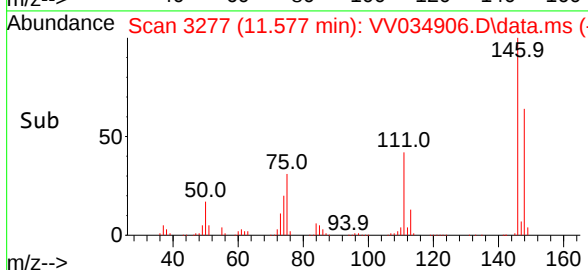
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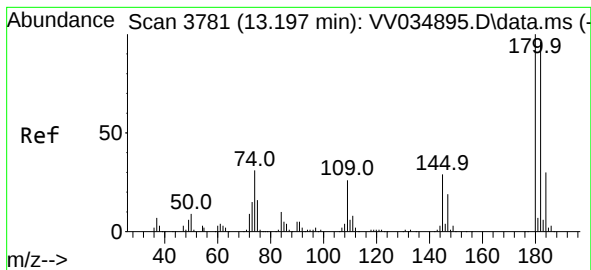


#67
1,2-Dichlorobenzene
Concen: 206.056 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV034906.D
Acq: 29 Mar 2024 15:25



Tgt Ion:146 Resp: 1184303
Ion Ratio Lower Upper
146 100
111 42.4 34.6 52.0
148 63.6 51.5 77.3





#70

1,2,4-trichlorobenzene

Concen: 70.713 ug/L

RT: 13.198 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034906.D

Acq: 29 Mar 2024 15:25

Instrument :

MSVOA_V

ClientSampleId :

C0R36

Tgt Ion:180 Resp: 270090

Ion Ratio Lower Upper

180 100

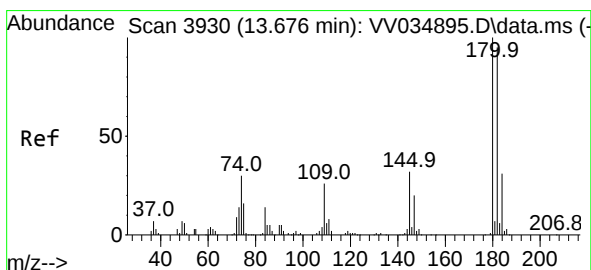
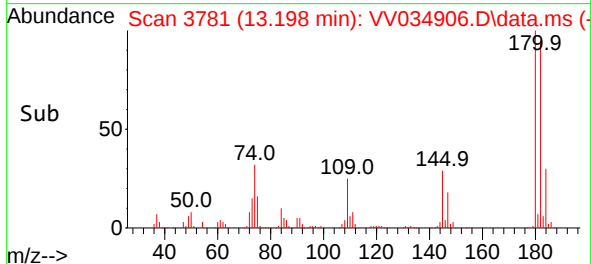
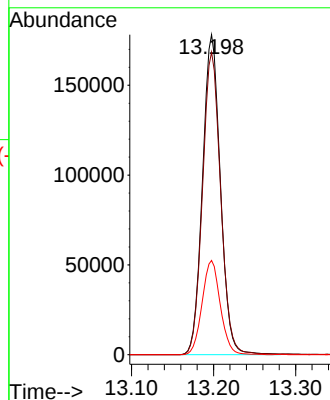
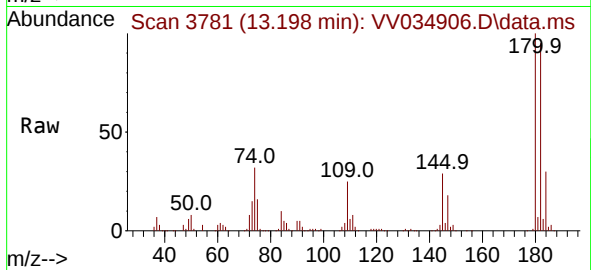
182 95.8 75.6 113.4

145 29.9 24.1 36.1

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#72

1,2,3-Trichlorobenzene

Concen: 31.329 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034906.D

Acq: 29 Mar 2024 15:25

Tgt Ion:180 Resp: 117953

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

145 31.3 25.8 38.6

