

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035025.D
 Acq On : 05 Apr 2024 23:52
 Operator : SY/MD
 Sample : P2006-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 06 03:19:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

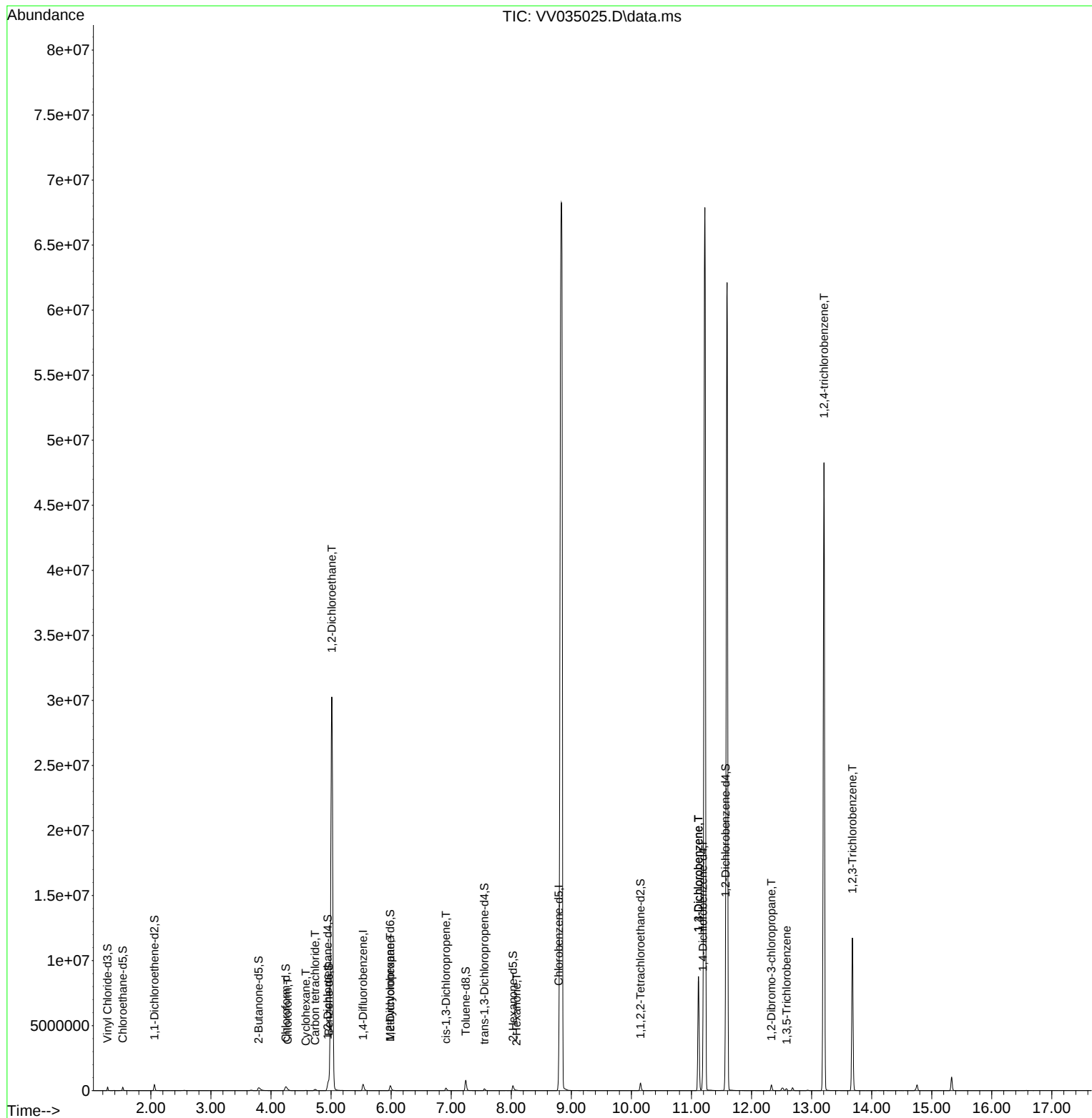
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	423602	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	446340	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	265661	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	179633	43.910	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.820%		
7) Chloroethane-d5	1.532	69	161428	45.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.860%		
11) 1,1-Dichloroethene-d2	2.059	65	78159	43.585	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.160%		
21) 2-Butanone-d5	3.793	46	208622	85.985	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.990%		
24) Chloroform-d	4.246	84	296302	43.078	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.160%		
26) 1,2-Dichloroethane-d4	4.944	65	195814	44.840	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.680%		
32) Benzene-d6	4.960	84	628003	41.887	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.780%		
36) 1,2-Dichloropropane-d6	5.985	67	192590	40.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.900%		
41) Toluene-d8	7.243	98	542510	40.179	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.360%		
43) trans-1,3-Dichloroprop...	7.551	79	85305	36.857	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.720%		
47) 2-Hexanone-d5	8.027	63	135470	75.260	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.260%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	270051	41.190	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.380%		
66) 1,2-Dichlorobenzene-d4	11.567	152	245048	41.083	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.160%		
Target Compounds						Qvalue
25) Chloroform	4.278	83	75360	12.093	ug/L	99
27) 1,2-Dichloroethane	5.011	62	319245	64.343	ug/L #	75
29) Cyclohexane	4.580	56	8728	1.561	ug/L	99
31) Carbon tetrachloride	4.735	117	72687	14.740	ug/L	99
35) Methylcyclohexane	5.985	83	43933	7.406	ug/L #	19
39) cis-1,3-Dichloropropene	6.911	75	5396	0.852	ug/L #	69
48) 2-Hexanone	8.088	43	17938	4.107	ug/L #	80
64) 1,3-Dichlorobenzene	11.117	146	3359613	375.373	ug/L	98
65) 1,4-Dichlorobenzene	11.117	146	3359613	369.124	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.329	75	71002	44.769	ug/L #	7
69) 1,3,5-Trichlorobenzene	12.583	180	25371	3.933	ug/L	95
70) 1,2,4-trichlorobenzene	13.207	180	13195383	2227.026	ug/L	96
72) 1,2,3-Trichlorobenzene	13.680	180	3335381	571.077	ug/L	100

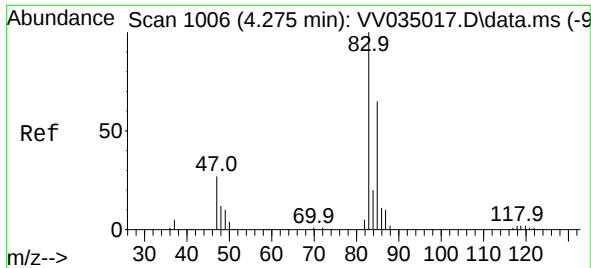
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 06 02:25:24 2024
Response via : Initial Calibration





#25

Chloroform

Concen: 12.093 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035025.D

Acq: 05 Apr 2024 23:52

Instrument :

MSVOA_V

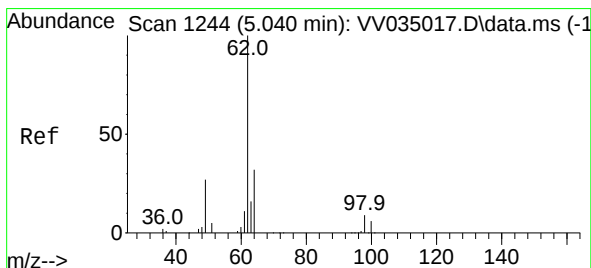
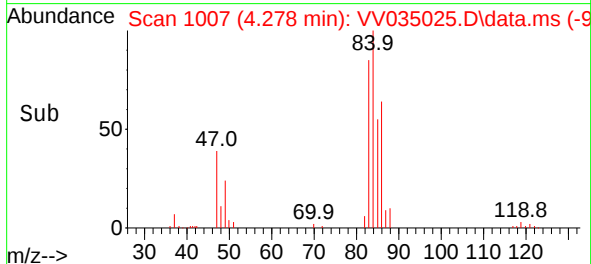
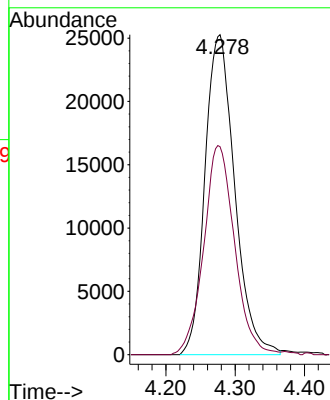
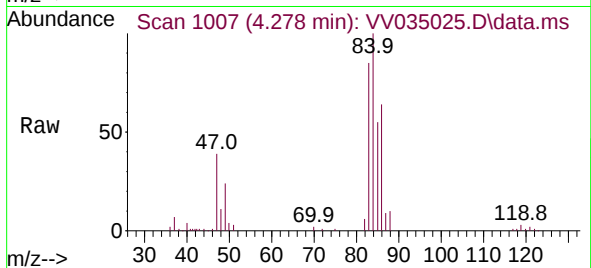
ClientSampleId :

Tgt Ion: 83 Resp: 75360

Ion Ratio Lower Upper

83 100

85 65.0 46.0 85.4



#27

1,2-Dichloroethane

Concen: 64.343 ug/L

RT: 5.011 min Scan# 1235

Delta R.T. -0.029 min

Lab File: VV035025.D

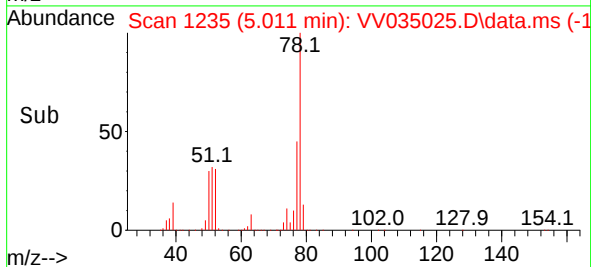
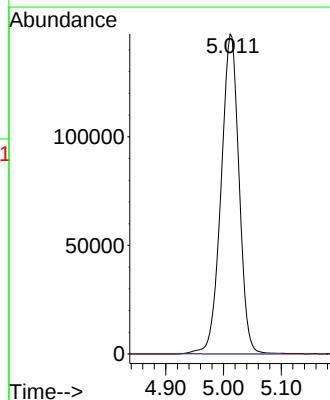
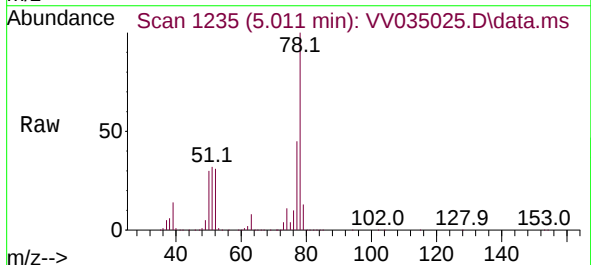
Acq: 05 Apr 2024 23:52

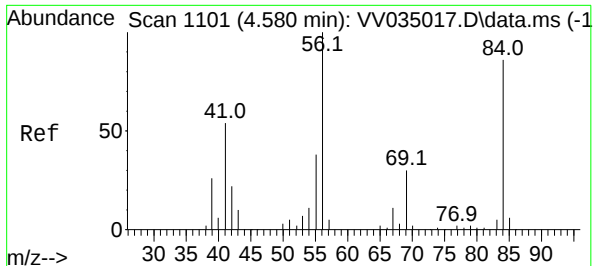
Tgt Ion: 62 Resp: 319245

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#





#29

Cyclohexane

Concen: 1.561 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV035025.D

Acq: 05 Apr 2024 23:52

Instrument :

MSVOA_V

ClientSampleId :

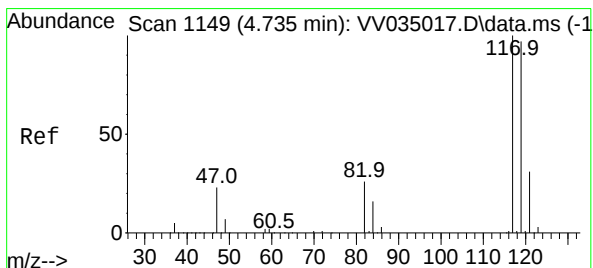
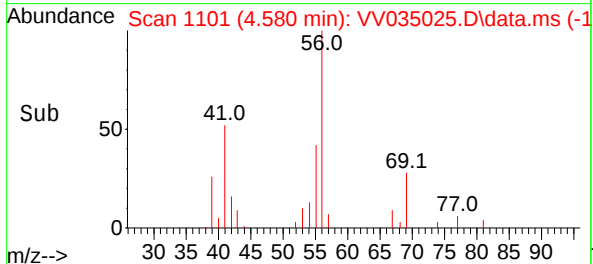
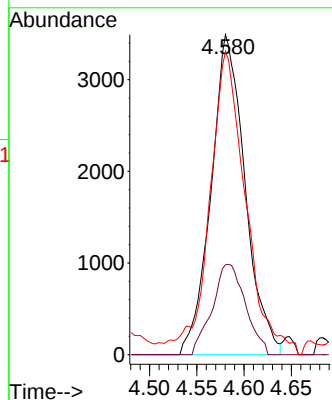
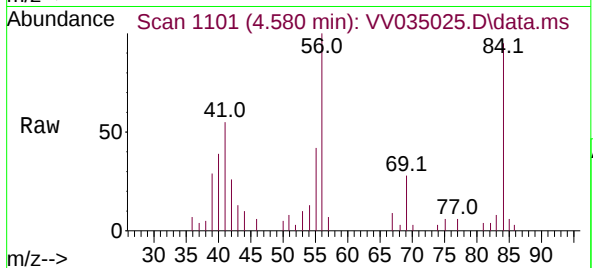
Tgt Ion: 56 Resp: 8728

Ion Ratio Lower Upper

56 100

69 27.6 24.2 36.2

84 87.6 69.8 104.8



#31

Carbon tetrachloride

Concen: 14.740 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV035025.D

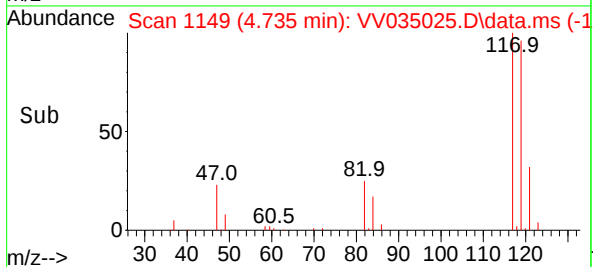
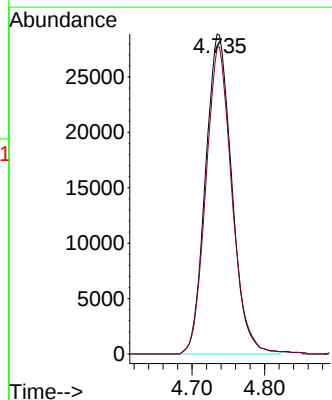
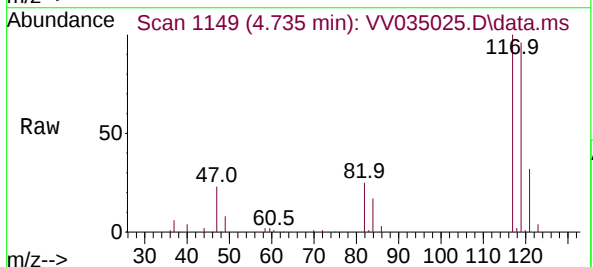
Acq: 05 Apr 2024 23:52

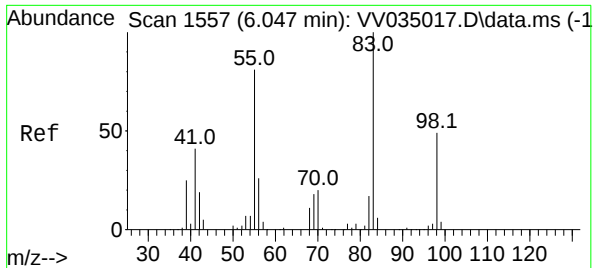
Tgt Ion: 117 Resp: 72687

Ion Ratio Lower Upper

117 100

119 95.0 77.1 115.7





#35

Methylcyclohexane

Concen: 7.406 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV035025.D

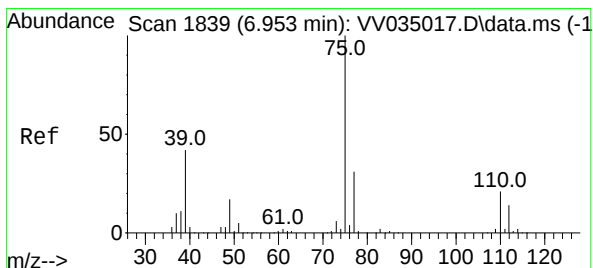
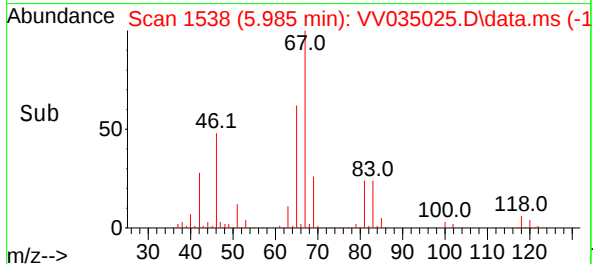
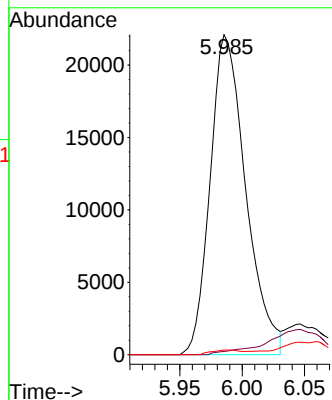
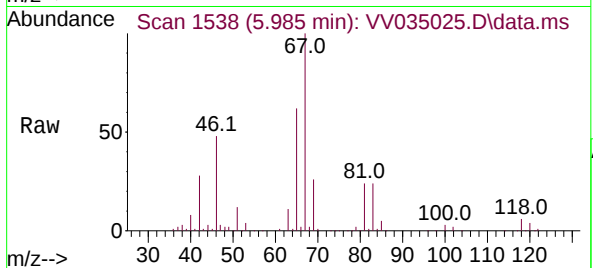
Acq: 05 Apr 2024 23:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 43933
Ion Ratio	Lower Upper
83	100
55	0.0 60.0 90.0#
98	1.2 37.6 56.4#



#39

cis-1,3-Dichloropropene

Concen: 0.852 ug/L

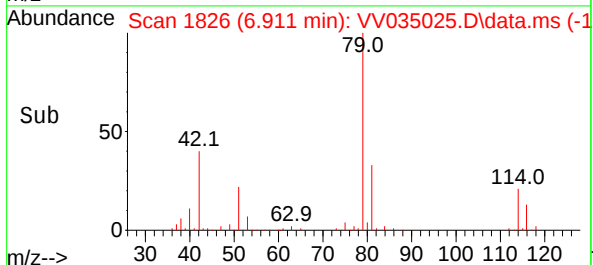
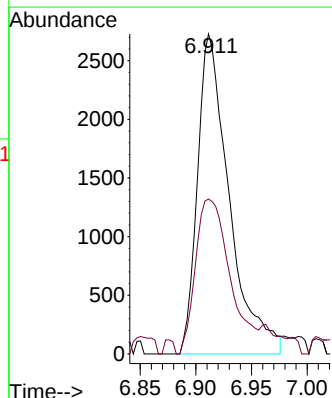
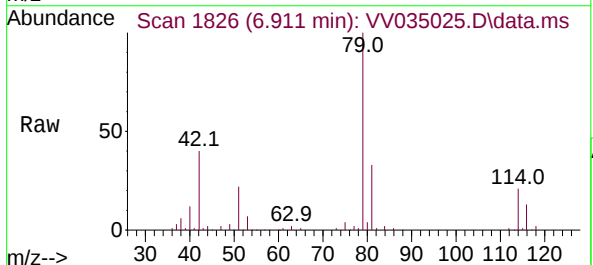
RT: 6.911 min Scan# 1826

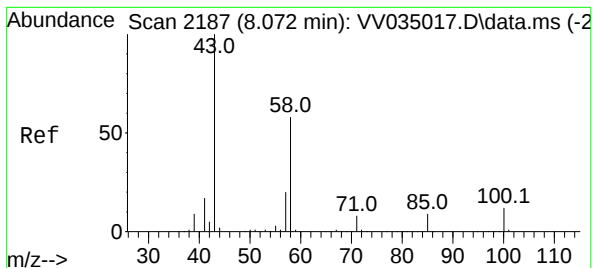
Delta R.T. -0.042 min

Lab File: VV035025.D

Acq: 05 Apr 2024 23:52

Tgt Ion: 75	Resp: 5396
Ion Ratio	Lower Upper
75	100
77	48.4 21.9 40.7#





#48

2-Hexanone

Concen: 4.107 ug/L

RT: 8.088 min Scan# 2187

Delta R.T. 0.016 min

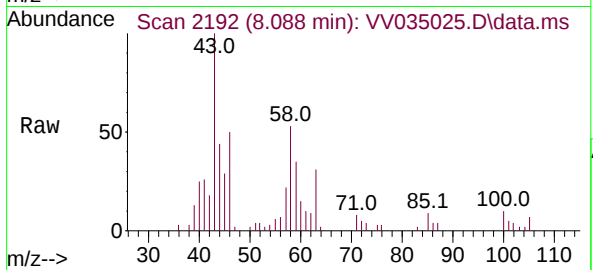
Lab File: VV035025.D

Acq: 05 Apr 2024 23:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 17938

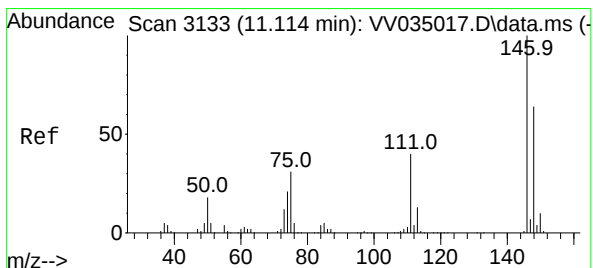
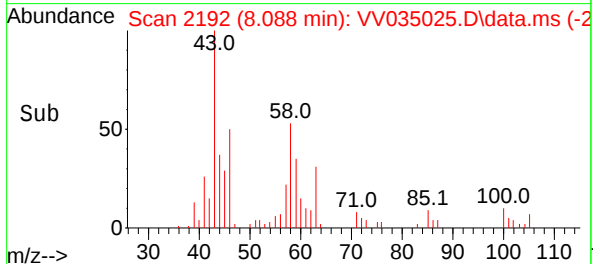
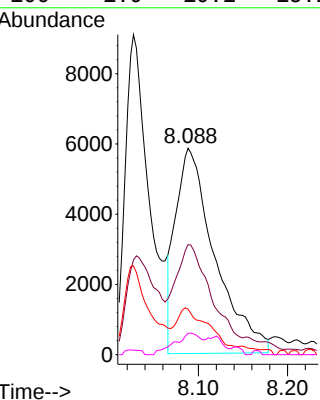
Ion Ratio Lower Upper

43 100

58 40.8 45.4 68.2#

57 15.4 16.2 24.4#

100 1.9 10.1 15.1#



#64

1,3-Dichlorobenzene

Concen: 375.373 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV035025.D

Acq: 05 Apr 2024 23:52

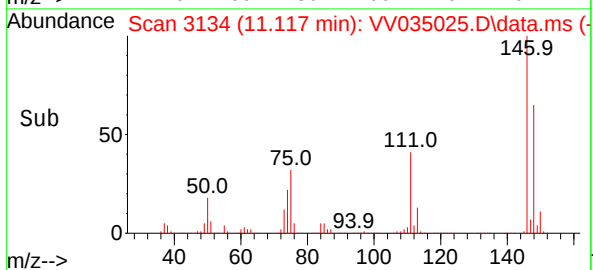
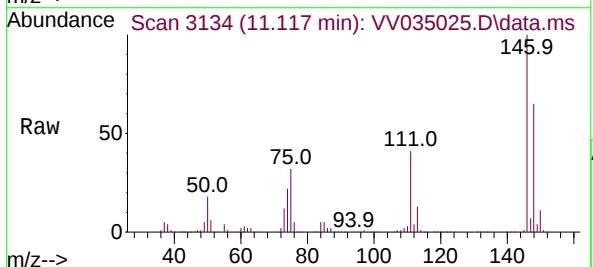
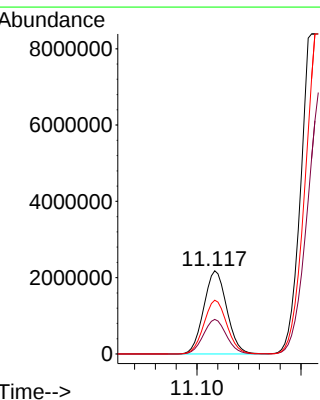
Tgt Ion:146 Resp: 3359613

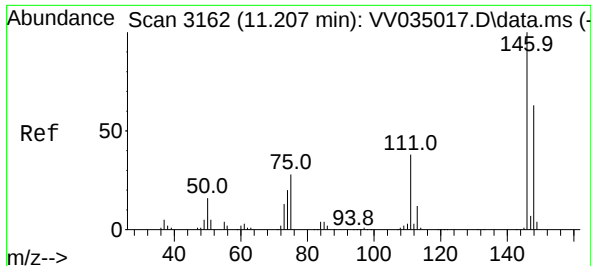
Ion Ratio Lower Upper

146 100

111 41.5 28.7 53.3

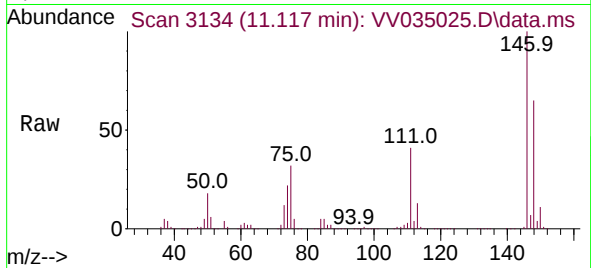
148 64.6 44.0 81.8



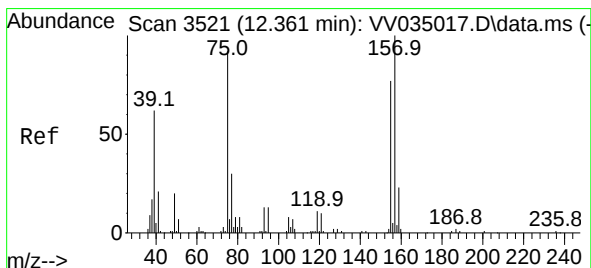
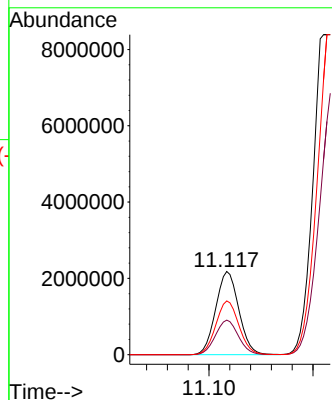
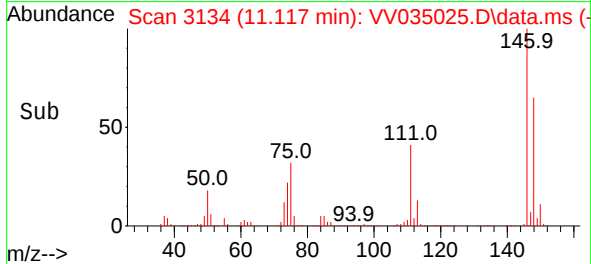


#65
1,4-Dichlorobenzene
Concen: 369.124 ug/L
RT: 11.117 min Scan# 3162
Delta R.T. -0.090 min
Lab File: VV035025.D
Acq: 05 Apr 2024 23:52

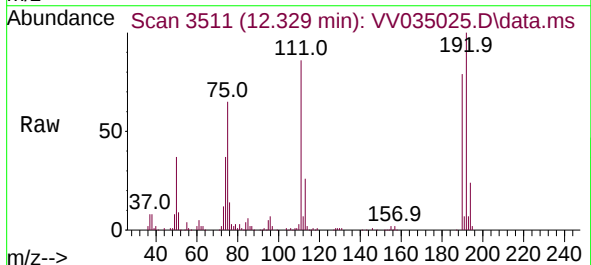
Instrument :
MSVOA_V
ClientSampleId :



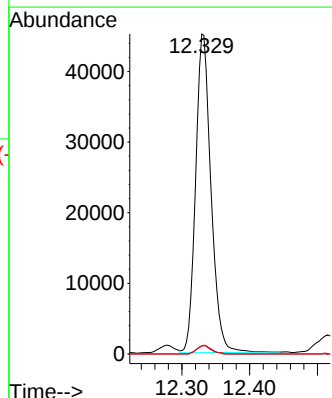
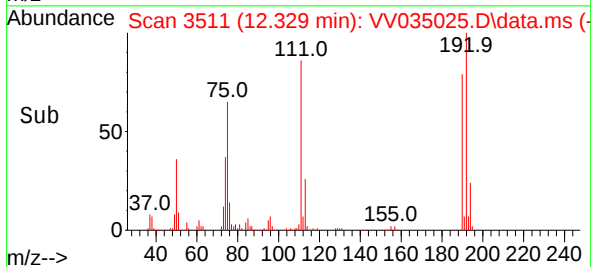
Tgt Ion:146 Resp: 3359613
Ion Ratio Lower Upper
146 100
111 41.5 27.4 50.8
148 64.6 44.2 82.2

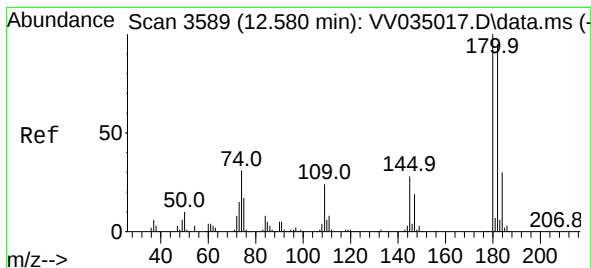


#68
1,2-Dibromo-3-chloropropane
Concen: 44.769 ug/L
RT: 12.329 min Scan# 3511
Delta R.T. -0.032 min
Lab File: VV035025.D
Acq: 05 Apr 2024 23:52



Tgt Ion: 75 Resp: 71002
Ion Ratio Lower Upper
75 100
155 2.5 63.0 94.6#
157 2.4 81.0 121.4#





#69

1,3,5-Trichlorobenzene

Concen: 3.933 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

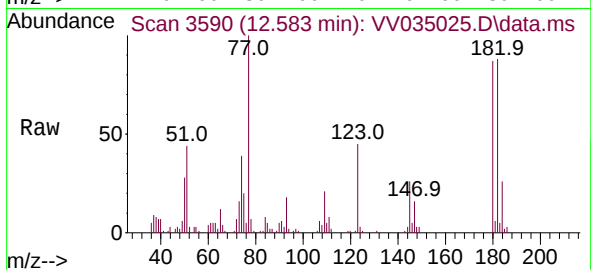
Lab File: VV035025.D

Acq: 05 Apr 2024 23:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 25371

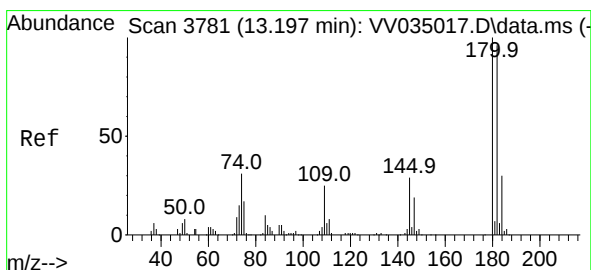
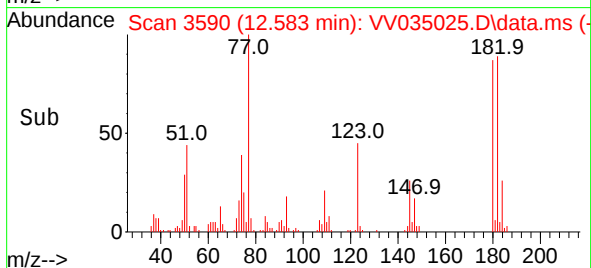
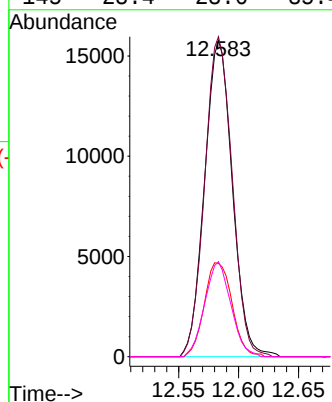
Ion Ratio Lower Upper

180 100

182 99.9 74.7 112.1

184 29.6 24.0 36.0

145 28.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 2227.026 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.010 min

Lab File: VV035025.D

Acq: 05 Apr 2024 23:52

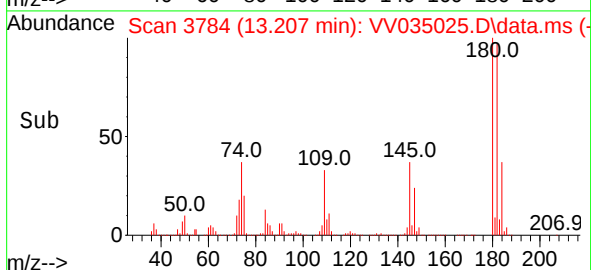
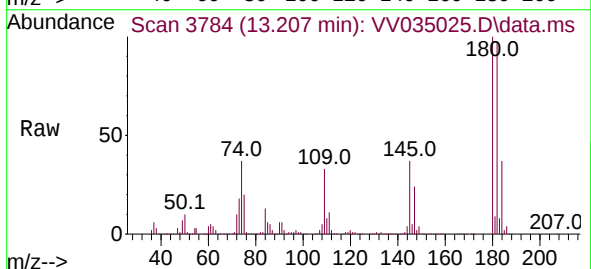
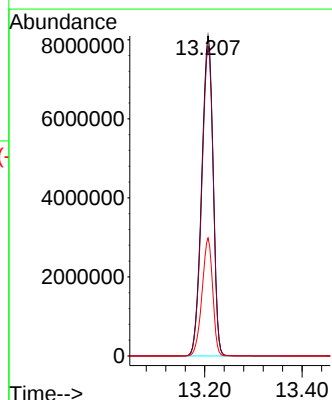
Tgt Ion:180 Resp:13195383

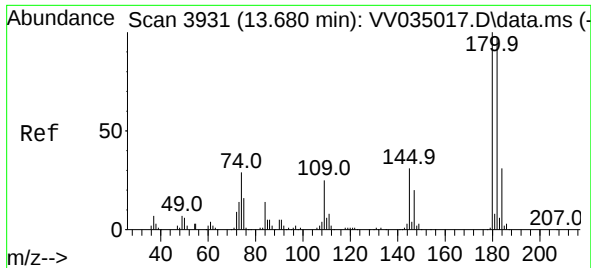
Ion Ratio Lower Upper

180 100

182 96.7 75.6 113.4

145 34.3 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 571.077 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

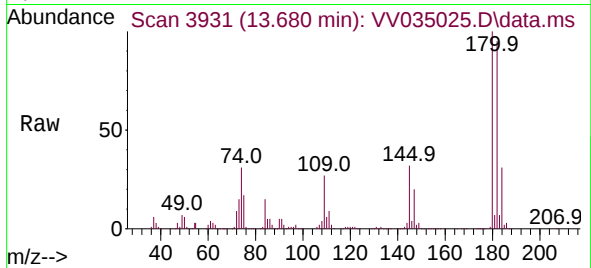
Lab File: VV035025.D

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Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 3335381

Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.2

145 32.0 25.8 38.6

