

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041924\
 Data File : VV035315.D
 Acq On : 19 Apr 2024 18:01
 Operator : SY/MD
 Sample : P2157-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 19 22:33:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 22:28:16 2024
 Response via : Initial Calibration

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

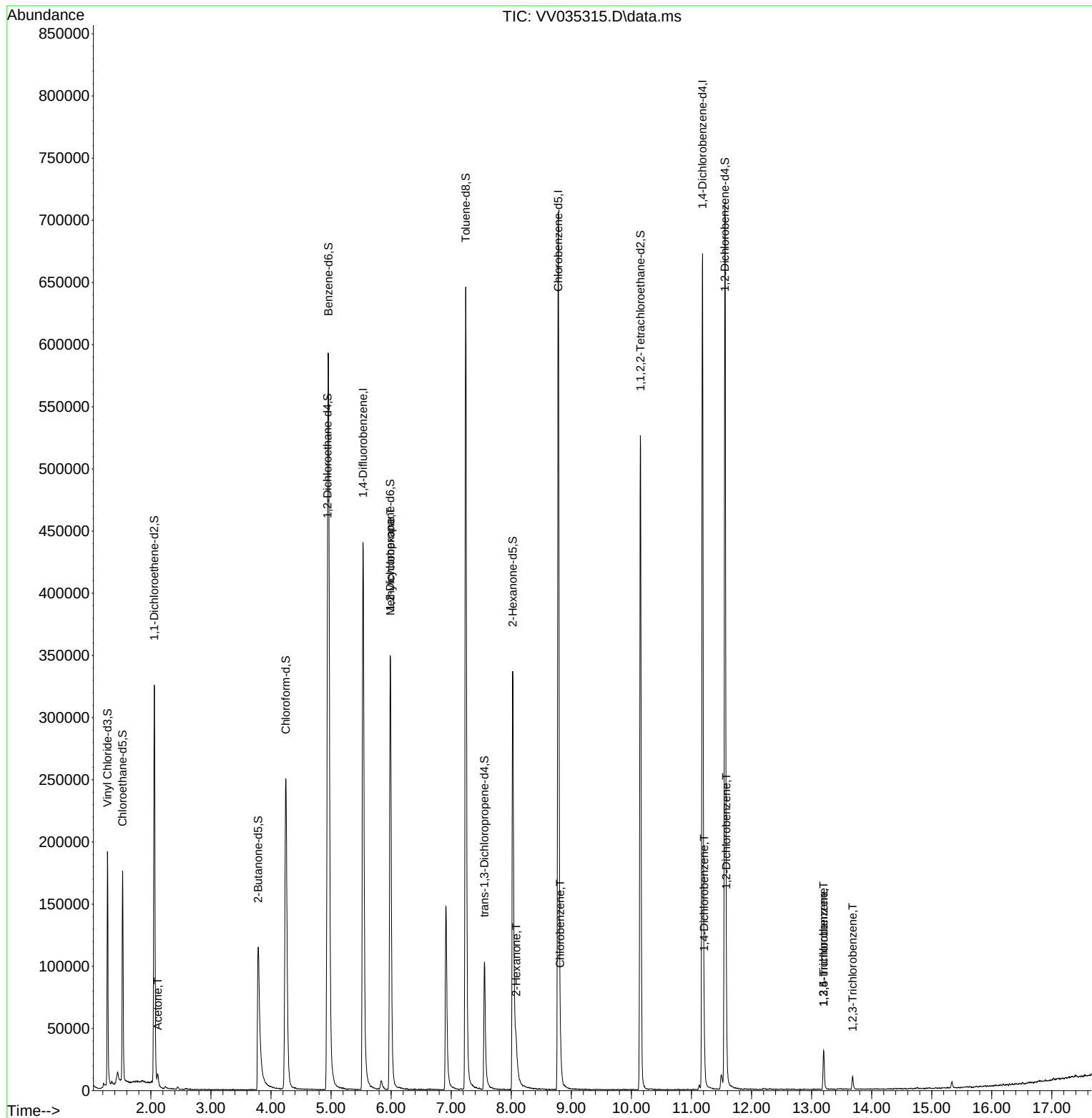
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	394374	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	394767	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	175530	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	123394	32.398	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.800%		
7) Chloroethane-d5	1.529	69	111299	33.644	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	67.280%#		
11) 1,1-Dichloroethene-d2	2.056	65	54911	32.890	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.780%		
21) 2-Butanone-d5	3.786	46	202806	89.783	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.780%		
24) Chloroform-d	4.246	84	274937	42.935	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.860%		
26) 1,2-Dichloroethane-d4	4.941	65	174507	42.923	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.840%		
32) Benzene-d6	4.957	84	529020	39.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.780%		
36) 1,2-Dichloropropane-d6	5.986	67	178093	42.294	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.580%		
41) Toluene-d8	7.243	98	448765	37.578	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.160%#		
43) trans-1,3-Dichloroprop...	7.555	79	67400	32.925	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.840%		
47) 2-Hexanone-d5	8.024	63	112750	70.821	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	70.820%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	259922	44.825	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.640%		
66) 1,2-Dichlorobenzene-d4	11.558	152	182574	46.326	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.660%		
Target Compounds						Qvalue
13) Acetone	2.118	43	8532	4.114	ug/L	99
35) Methylcyclohexane	5.989	83	41217	7.856	ug/L #	20
48) 2-Hexanone	8.085	43	15470	4.005	ug/L #	89
51) Chlorobenzene	8.815	112	15740	1.802	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	11876	1.975	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	12463	2.116	ug/L	97
69) 1,3,5-Trichlorobenzene	13.201	180	10333	2.424	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	10333	2.639	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	3542	0.918	ug/L	97

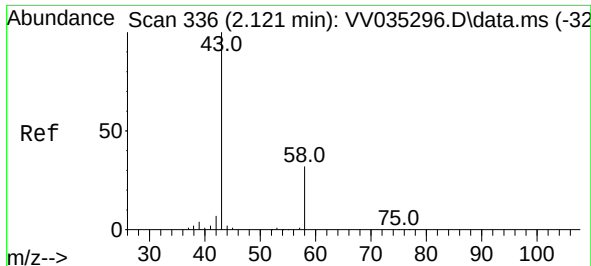
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.114 ug/L

RT: 2.118 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV035315.D

Acq: 19 Apr 2024 18:01

Instrument :

MSVOA_V

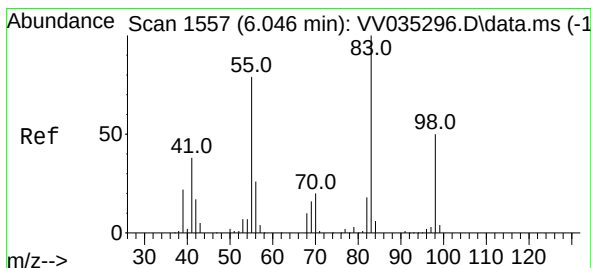
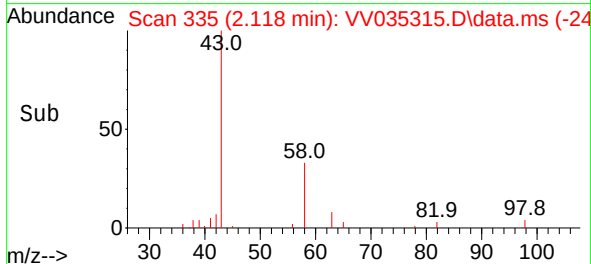
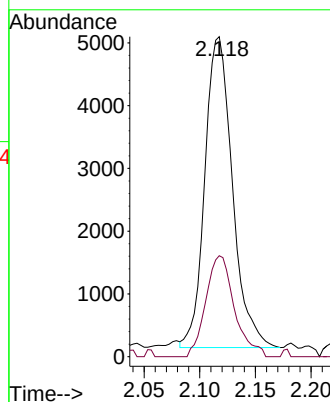
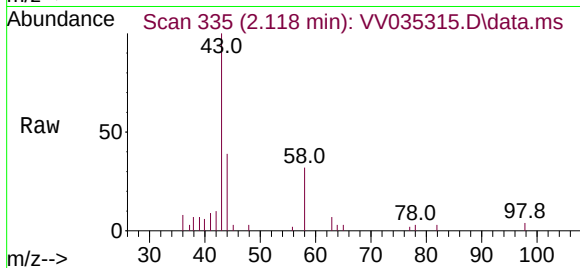
ClientSampleId :

Tgt Ion: 43 Resp: 8532

Ion Ratio Lower Upper

43 100

58 33.5 0.0 66.0



#35

Methylcyclohexane

Concen: 7.856 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV035315.D

Acq: 19 Apr 2024 18:01

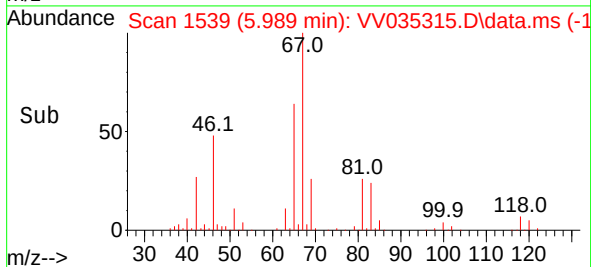
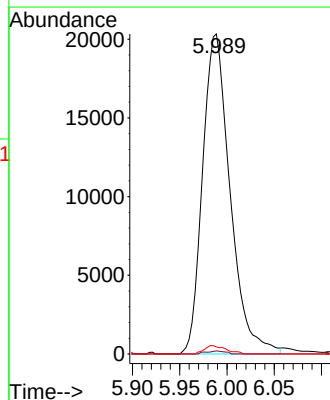
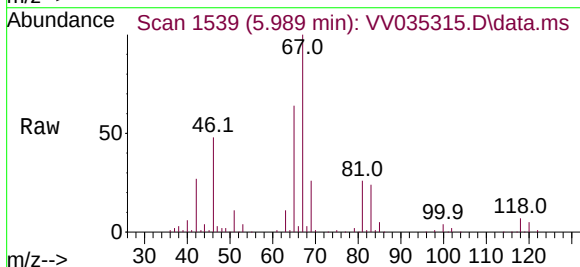
Tgt Ion: 83 Resp: 41217

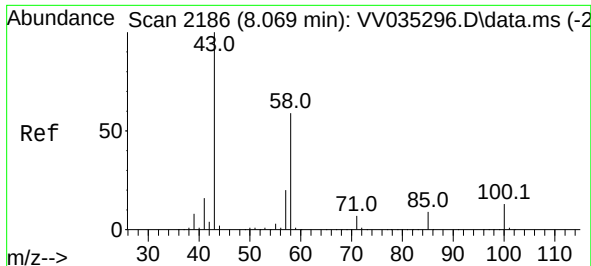
Ion Ratio Lower Upper

83 100

55 0.5 60.0 90.0#

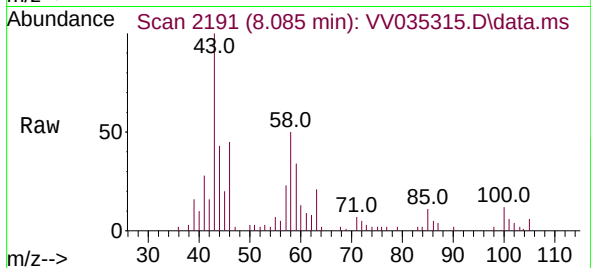
98 1.9 37.6 56.4#



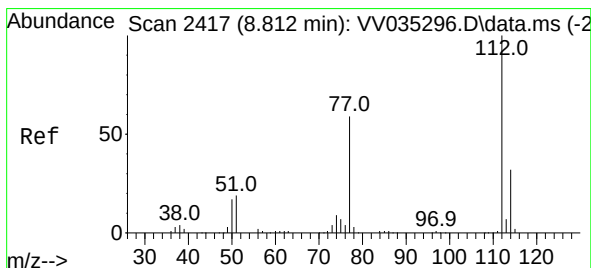
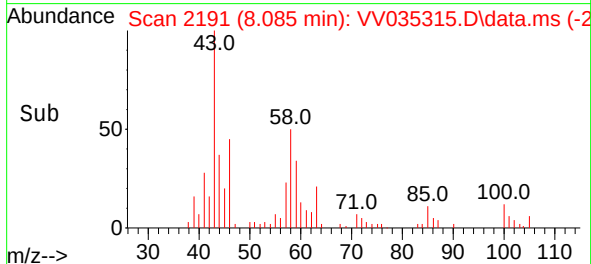
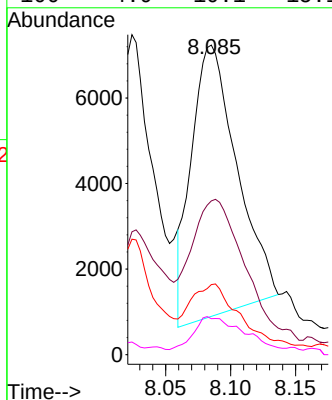


#48
2-Hexanone
Concen: 4.005 ug/L
RT: 8.085 min Scan# 2186
Delta R.T. 0.016 min
Lab File: VV035315.D
Acq: 19 Apr 2024 18:01

Instrument :
MSVOA_V
ClientSampleId :

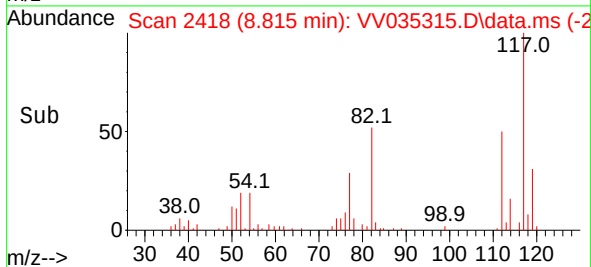
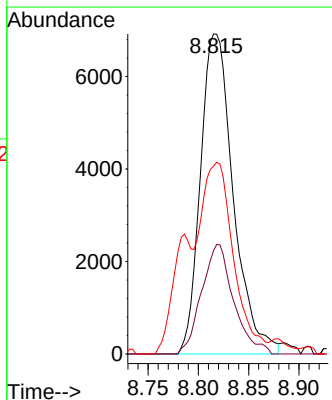
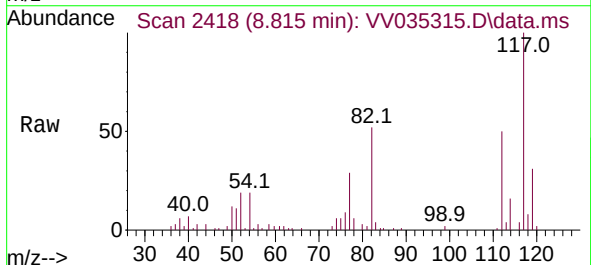


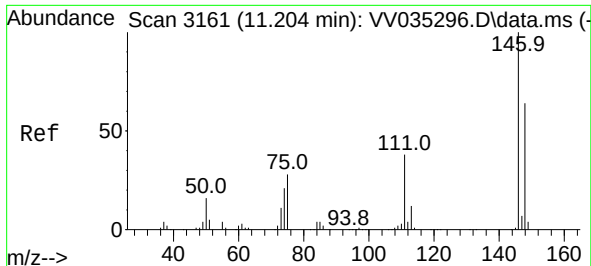
Tgt Ion: 43 Resp: 15470
Ion Ratio Lower Upper
43 100
58 65.1 45.4 68.2
57 22.8 16.2 24.4
100 4.9 10.1 15.1#



#51
Chlorobenzene
Concen: 1.802 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035315.D
Acq: 19 Apr 2024 18:01

Tgt Ion: 112 Resp: 15740
Ion Ratio Lower Upper
112 100
114 32.3 22.0 41.0
77 58.7 47.4 71.2





#65

1,4-Dichlorobenzene

Concen: 1.975 ug/L

RT: 11.210 min Scan# 3161

Delta R.T. 0.007 min

Lab File: VV035315.D

Acq: 19 Apr 2024 18:01

Instrument :

MSVOA_V

ClientSampleId :

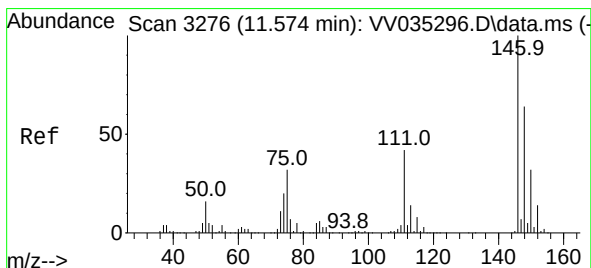
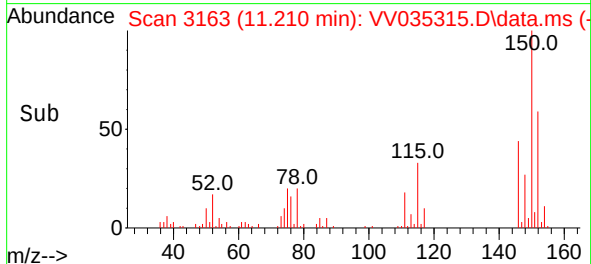
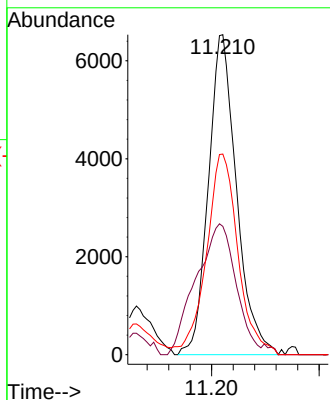
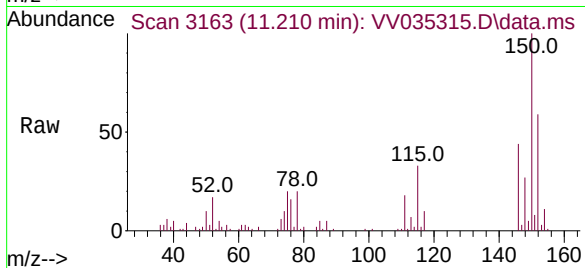
Tgt Ion:146 Resp: 11876

Ion Ratio Lower Upper

146 100

111 40.1 27.4 50.8

148 62.7 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 2.116 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.007 min

Lab File: VV035315.D

Acq: 19 Apr 2024 18:01

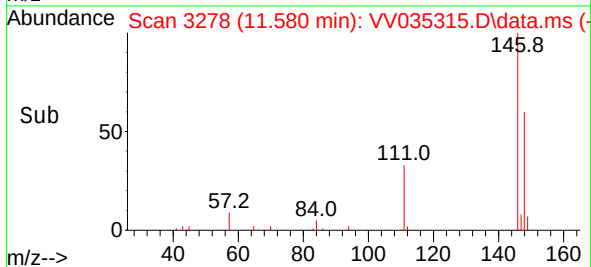
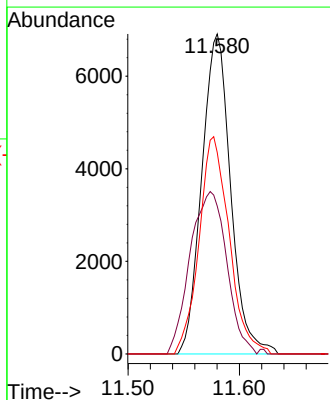
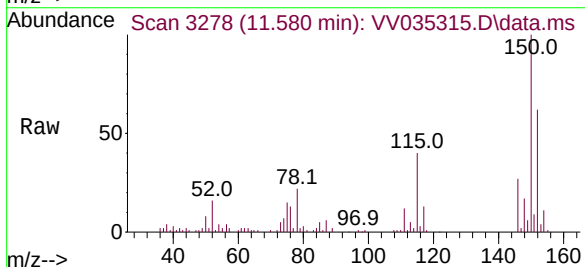
Tgt Ion:146 Resp: 12463

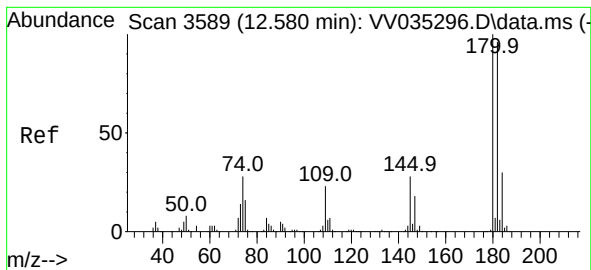
Ion Ratio Lower Upper

146 100

111 46.2 34.6 52.0

148 63.0 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 2.424 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.621 min

Lab File: VV035315.D

Acq: 19 Apr 2024 18:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 10333

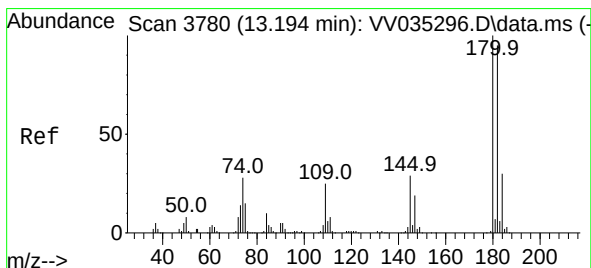
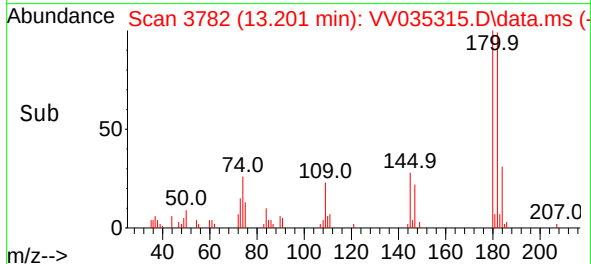
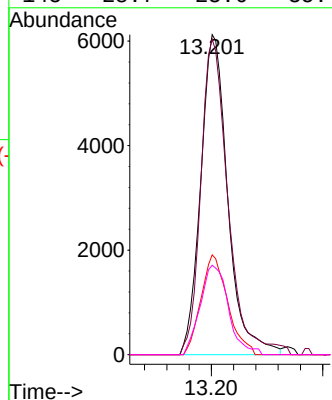
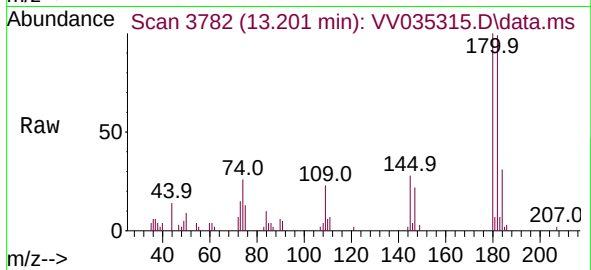
Ion Ratio Lower Upper

180 100

182 97.2 74.7 112.1

184 30.8 24.0 36.0

145 28.7 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 2.639 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.007 min

Lab File: VV035315.D

Acq: 19 Apr 2024 18:01

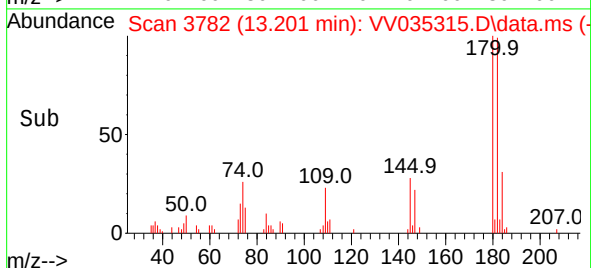
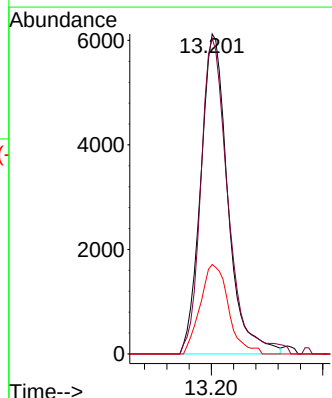
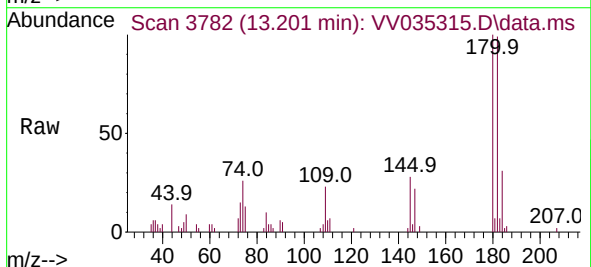
Tgt Ion:180 Resp: 10333

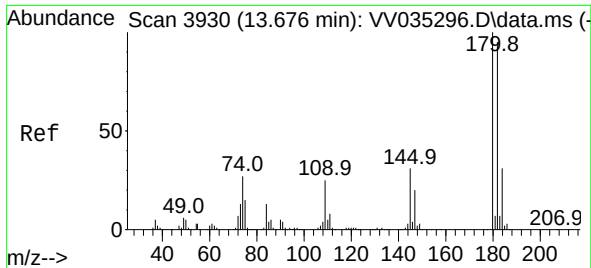
Ion Ratio Lower Upper

180 100

182 97.2 75.6 113.4

145 28.7 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 0.918 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.007 min

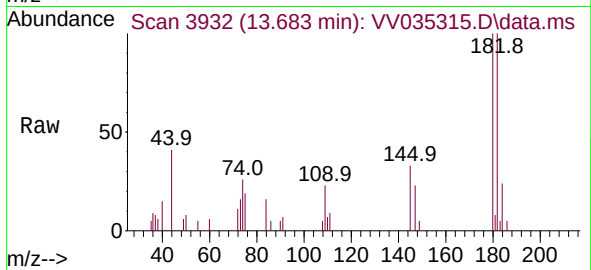
Lab File: VV035315.D

Acq: 19 Apr 2024 18:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 3542

Ion Ratio Lower Upper

180 100

182 97.2 76.2 114.2

145 34.8 25.8 38.6

