

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032624\
 Data File : VV034834.D
 Acq On : 26 Mar 2024 17:53
 Operator : SY/MD
 Sample : P1851-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 01:37:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:34:52 2024
 Response via : Initial Calibration

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

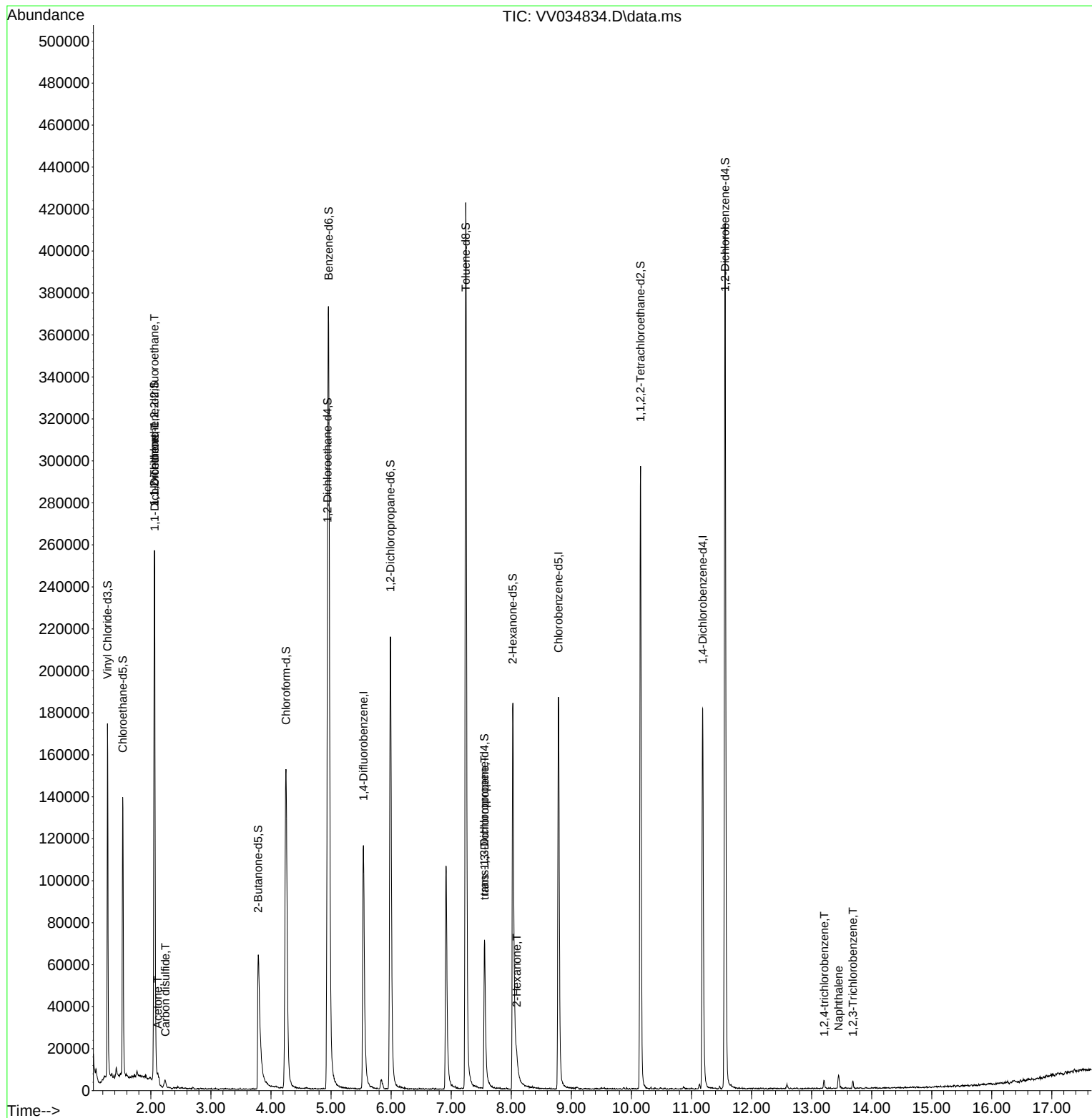
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	104614	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	102878	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	47610	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	101059	100.027	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 200.060%#		
7) Chloroethane-d5	1.532	69	84386	96.164	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 192.320%#		
11) 1,1-Dichloroethene-d2	2.060	65	42681	96.373	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 192.740%#		
21) 2-Butanone-d5	3.786	46	107604	179.581	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 179.580%#		
24) Chloroform-d	4.249	84	165403	97.373	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 194.740%#		
26) 1,2-Dichloroethane-d4	4.941	65	108386	100.500	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 201.000%#		
32) Benzene-d6	4.960	84	335943	97.214	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 194.420%#		
36) 1,2-Dichloropropane-d6	5.989	67	110234	100.454	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 200.900%#		
41) Toluene-d8	7.243	98	287714	92.448	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 184.900%#		
43) trans-1,3-Dichloroprop...	7.555	79	44879	84.125	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 168.260%#		
47) 2-Hexanone-d5	8.024	63	68021	163.948	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 163.950%#		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	143538	94.986	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 189.980%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	102646	96.025	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 192.060%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	1346	1.640	ug/L #	22
12) 1,1-Dichloroethene	2.063	96	1203	1.532	ug/L #	1
13) Acetone	2.114	43	2497	4.539	ug/L	86
14) Carbon disulfide	2.243	76	2083	0.942	ug/L #	69
44) trans-1,3-Dichloropropene	7.558	75	1741	1.298	ug/L #	73
48) 2-Hexanone	8.092	43	7915	7.862	ug/L #	77
70) 1,2,4-trichlorobenzene	13.210	180	1407	1.325	ug/L	94
71) Naphthalene	13.451	128	6227	2.114	ug/L #	85
72) 1,2,3-Trichlorobenzene	13.686	180	1224	1.169	ug/L	88

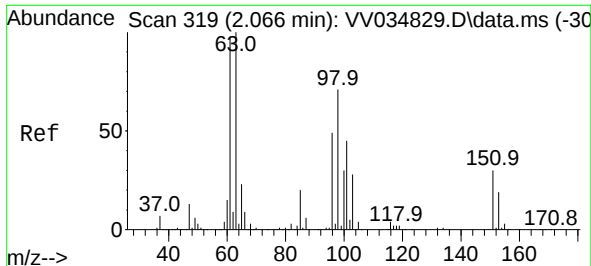
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:34:52 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.640 ug/L

RT: 2.060 min Scan# 319

Delta R.T. -0.006 min

Lab File: VV034834.D

Acq: 26 Mar 2024 17:53

Instrument :

MSVOA_V

ClientSampleId :

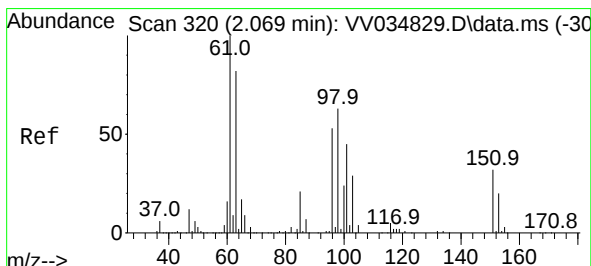
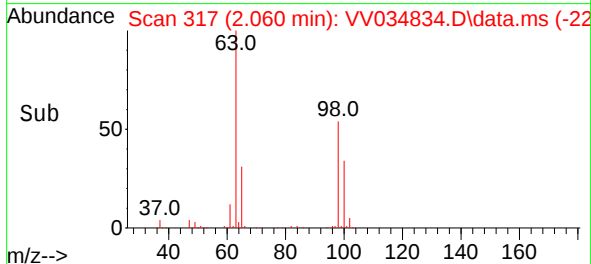
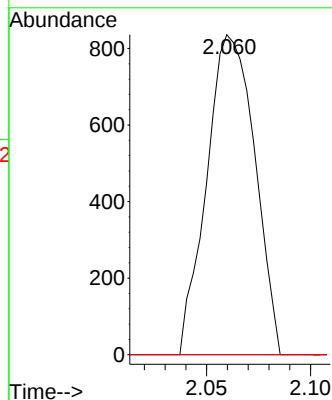
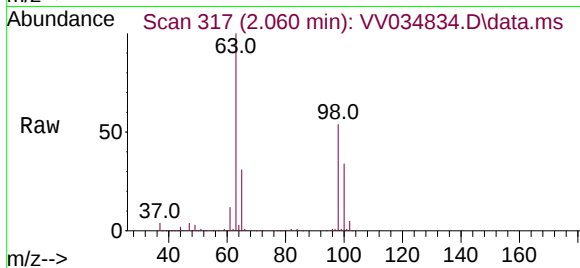
Tgt Ion:101 Resp: 1346

Ion Ratio Lower Upper

101 100

85 0.0 35.3 52.9#

151 0.0 55.0 82.4#



#12

1,1-Dichloroethene

Concen: 1.532 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.006 min

Lab File: VV034834.D

Acq: 26 Mar 2024 17:53

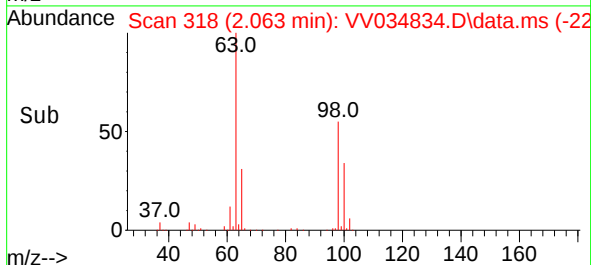
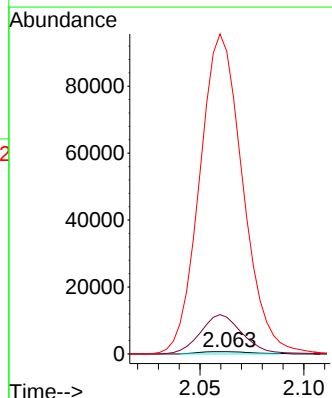
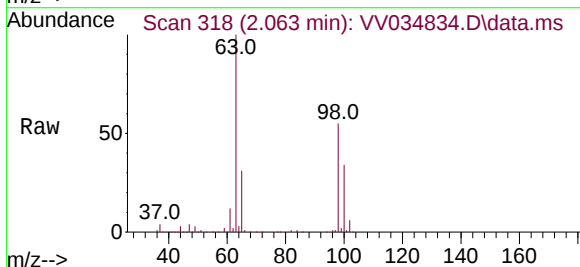
Tgt Ion: 96 Resp: 1203

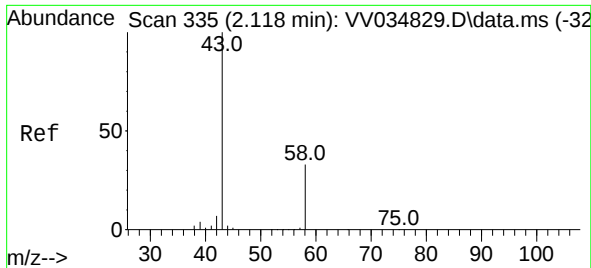
Ion Ratio Lower Upper

96 100

61 1591.2 131.5 244.3#

63 13104.9 111.4 206.8#





#13

Acetone

Concen: 4.539 ug/L

RT: 2.114 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV034834.D

Acq: 26 Mar 2024 17:53

Instrument :

MSVOA_V

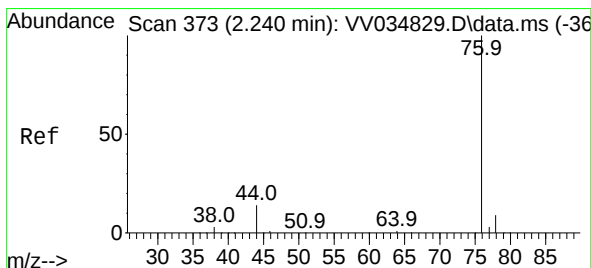
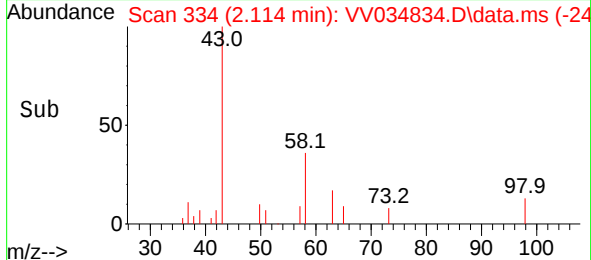
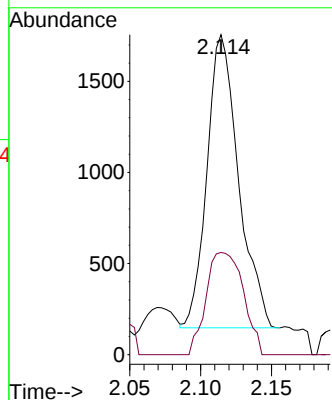
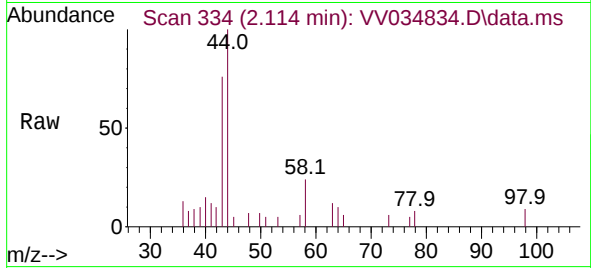
ClientSampleId :

Tgt Ion: 43 Resp: 2497

Ion Ratio Lower Upper

43 100

58 40.8 0.0 66.0



#14

Carbon disulfide

Concen: 0.942 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034834.D

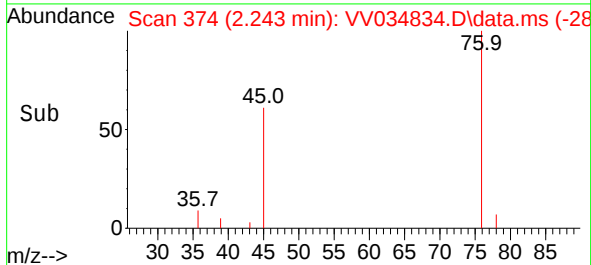
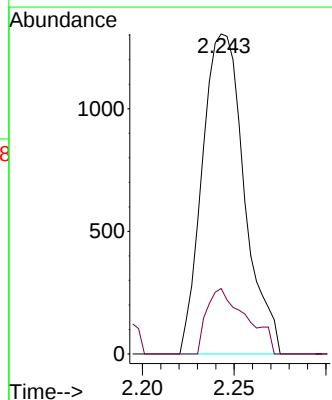
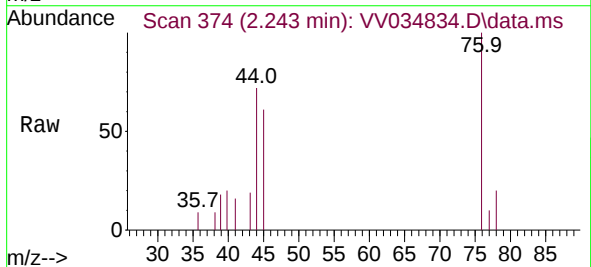
Acq: 26 Mar 2024 17:53

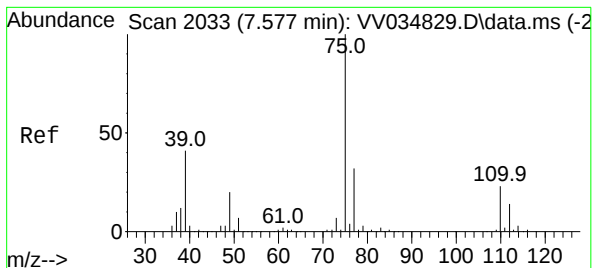
Tgt Ion: 76 Resp: 2083

Ion Ratio Lower Upper

76 100

78 20.5 7.4 11.0#





#44

trans-1,3-Dichloropropene

Concen: 1.298 ug/L

RT: 7.558 min Scan# 2033

Delta R.T. -0.019 min

Lab File: VV034834.D

Acq: 26 Mar 2024 17:53

Instrument :

MSVOA_V

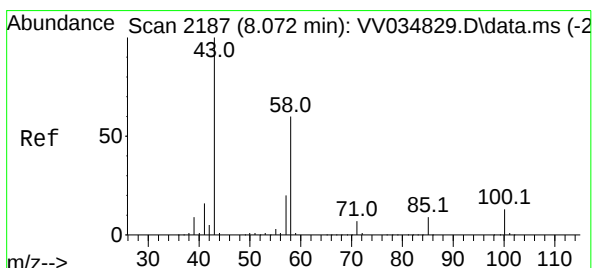
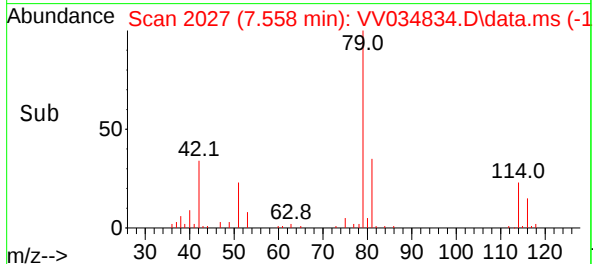
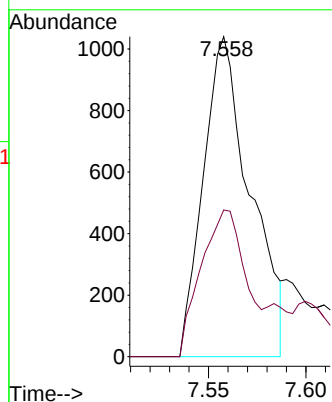
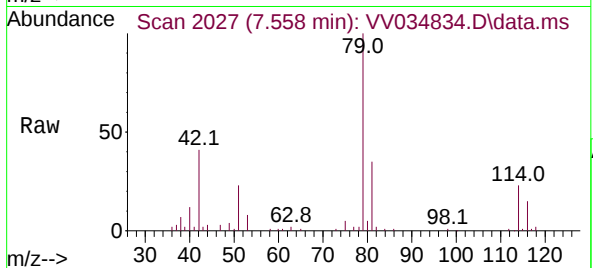
ClientSampleId :

Tgt Ion: 75 Resp: 1741

Ion Ratio Lower Upper

75 100

77 45.9 21.7 40.3#



#48

2-Hexanone

Concen: 7.862 ug/L

RT: 8.092 min Scan# 2193

Delta R.T. 0.019 min

Lab File: VV034834.D

Acq: 26 Mar 2024 17:53

Tgt Ion: 43 Resp: 7915

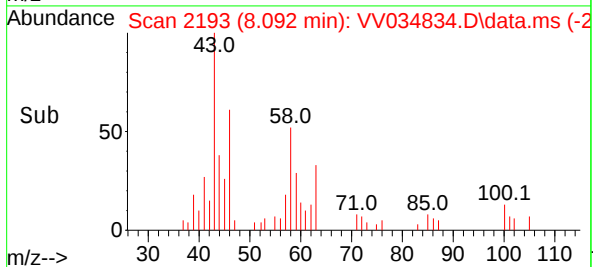
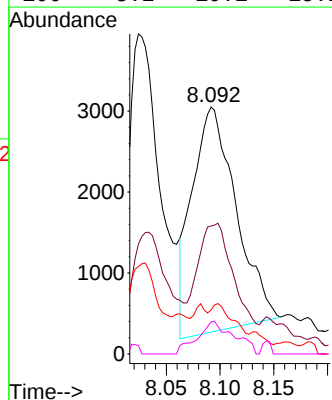
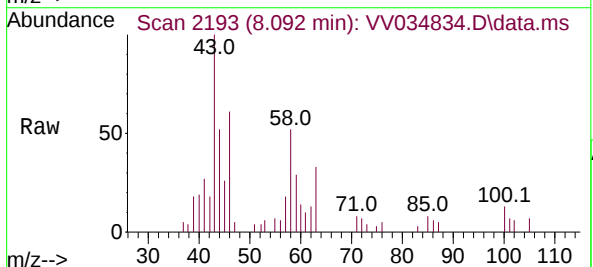
Ion Ratio Lower Upper

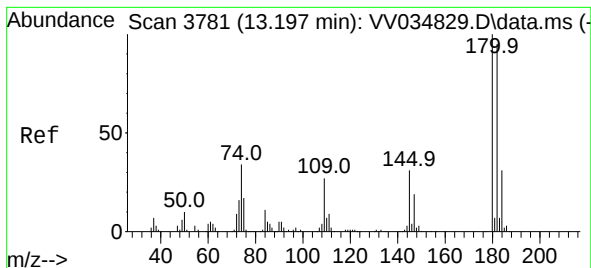
43 100

58 39.7 45.4 68.2#

57 5.9 16.2 24.4#

100 8.2 10.1 15.1#





#70

1,2,4-trichlorobenzene

Concen: 1.325 ug/L

RT: 13.210 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV034834.D

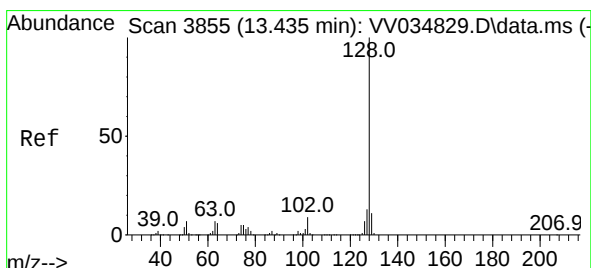
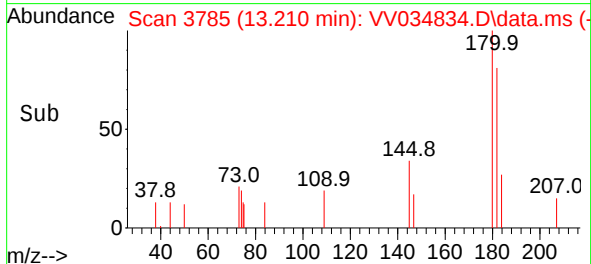
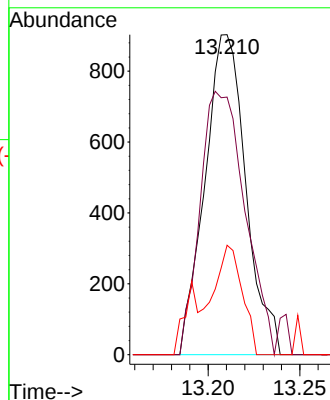
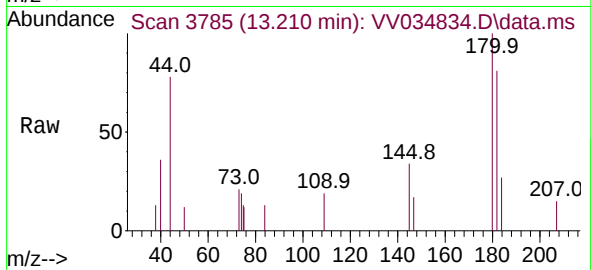
Acq: 26 Mar 2024 17:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	180	Resp:	1407
Ion Ratio	Lower	Upper	
180	100		
182	89.8	75.6	113.4
145	24.4	24.1	36.1



#71

Naphthalene

Concen: 2.114 ug/L

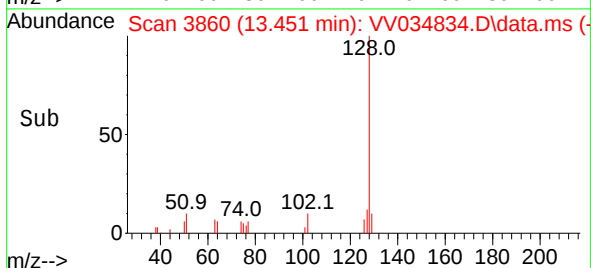
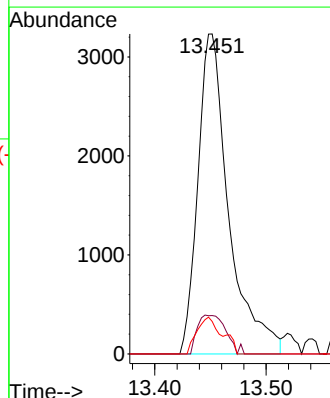
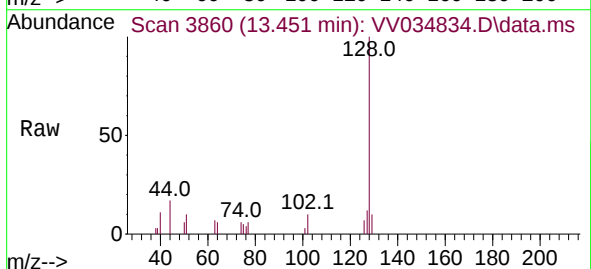
RT: 13.451 min Scan# 3860

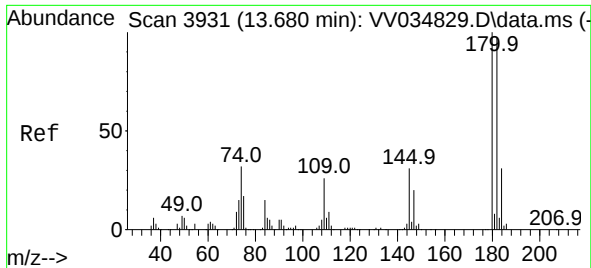
Delta R.T. 0.016 min

Lab File: VV034834.D

Acq: 26 Mar 2024 17:53

Tgt Ion:	128	Resp:	6227
Ion Ratio	Lower	Upper	
128	100		
127	4.9	10.5	15.7#
129	7.8	8.7	13.1#





#72

1,2,3-Trichlorobenzene

Concen: 1.169 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.006 min

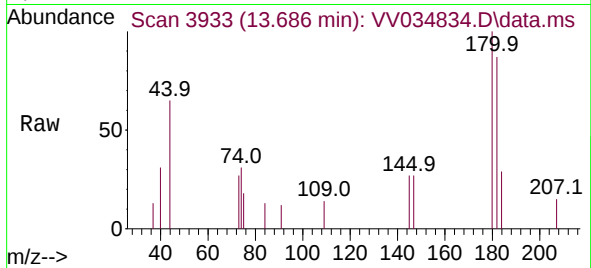
Lab File: VV034834.D

Acq: 26 Mar 2024 17:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1224

Ion Ratio Lower Upper

180 100

182 107.3 76.2 114.2

145 26.3 25.8 38.6

