

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032624\
 Data File : VV034835.D
 Acq On : 26 Mar 2024 18:17
 Operator : SY/MD
 Sample : P1851-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 01:37:36 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)

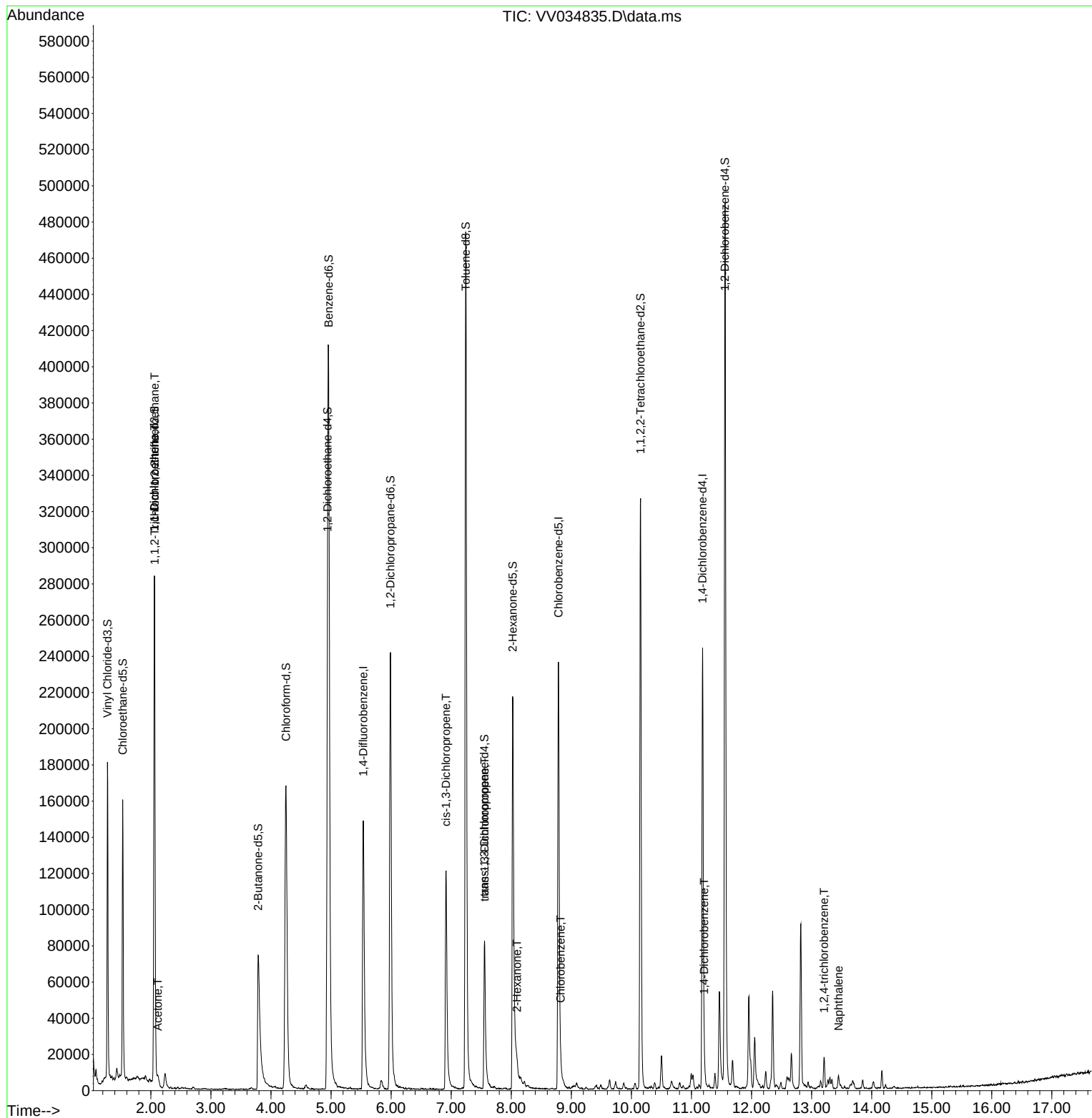
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	131105	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	129689	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	61394	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	109434	86.431	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 172.860%#			
7) Chloroethane-d5	1.532	69	94588	86.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 172.020%#			
11) 1,1-Dichloroethene-d2	2.060	65	47864	86.239	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 172.480%#			
21) 2-Butanone-d5	3.786	46	121256	161.475	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 161.470%#			
24) Chloroform-d	4.249	84	181660	85.334	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 170.660%#			
26) 1,2-Dichloroethane-d4	4.941	65	120442	89.113	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 178.220%#			
32) Benzene-d6	4.960	84	370163	84.972	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 169.940%#			
36) 1,2-Dichloropropane-d6	5.989	67	120641	87.210	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 174.420%#			
41) Toluene-d8	7.243	98	315967	80.537	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 161.080%#			
43) trans-1,3-Dichloroprop...	7.555	79	50901	75.688	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 151.380%#			
47) 2-Hexanone-d5	8.024	63	77358	147.907	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 147.910%#			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	161708	84.887	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 169.780%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	119638	86.793	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 173.580%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	1573	1.529	ug/L #	24
12) 1,1-Dichloroethene	2.060	96	1560	1.585	ug/L #	1
13) Acetone	2.118	43	2519	3.654	ug/L	83
39) cis-1,3-Dichloropropene	6.915	75	2871	1.559	ug/L #	60
44) trans-1,3-Dichloropropene	7.558	75	2078	1.229	ug/L	97
48) 2-Hexanone	8.095	43	5202	4.099	ug/L #	80
51) Chlorobenzene	8.822	112	6619	2.307	ug/L #	88
65) 1,4-Dichlorobenzene	11.214	146	3292	1.565	ug/L	95
70) 1,2,4-trichlorobenzene	13.207	180	1303	0.952	ug/L #	82
71) Naphthalene	13.448	128	6291	1.656	ug/L	97

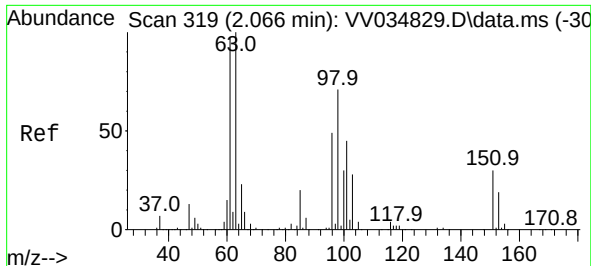
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 1.529 ug/L

RT: 2.063 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV034835.D

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Instrument :

MSVOA_V

ClientSampleId :

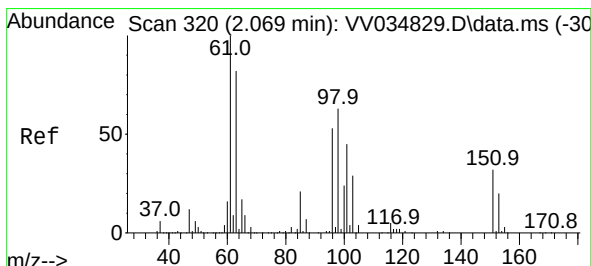
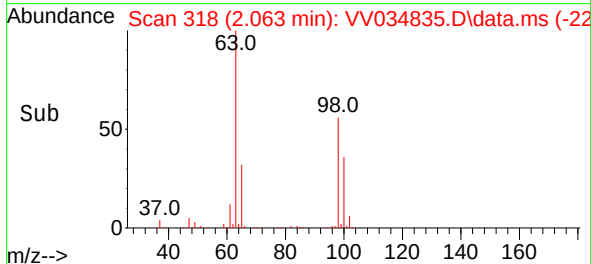
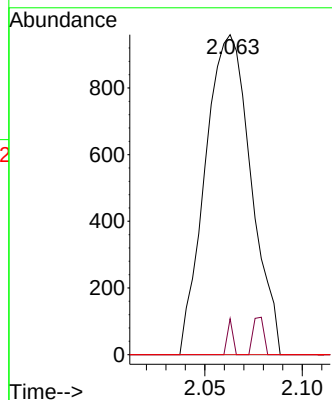
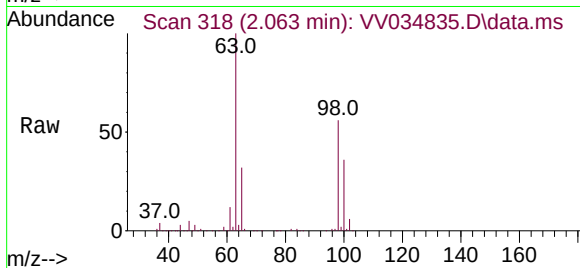
Tgt Ion:101 Resp: 1573

Ion Ratio Lower Upper

101 100

85 2.7 35.3 52.9#

151 0.0 55.0 82.4#



#12

1,1-Dichloroethene

Concen: 1.585 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.010 min

Lab File: VV034835.D

Acq: 26 Mar 2024 18:17

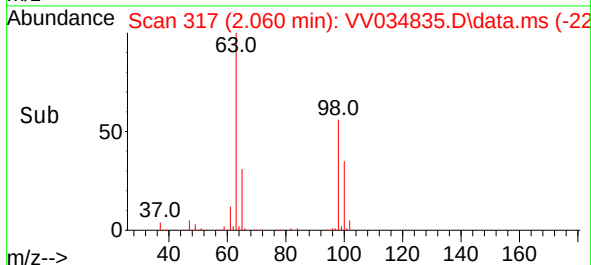
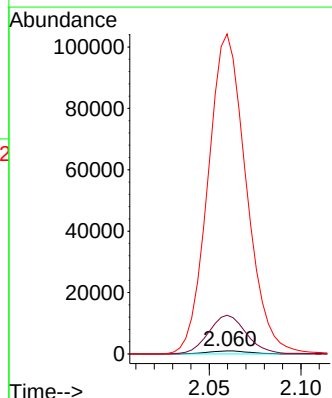
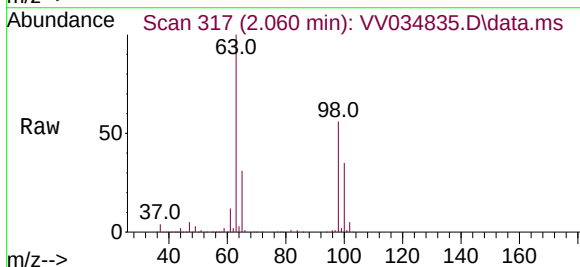
Tgt Ion: 96 Resp: 1560

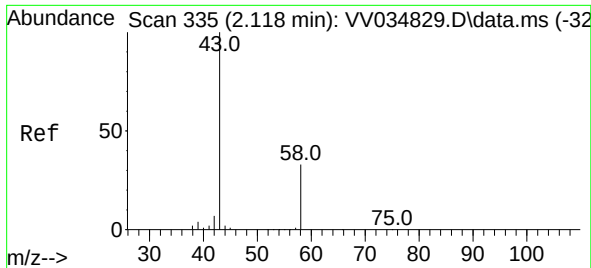
Ion Ratio Lower Upper

96 100

61 1279.6 131.5 244.3#

63 10583.6 111.4 206.8#





#13

Acetone

Concen: 3.654 ug/L

RT: 2.118 min Scan# 30

Delta R.T. 0.000 min

Lab File: VV034835.D

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Instrument :

MSVOA_V

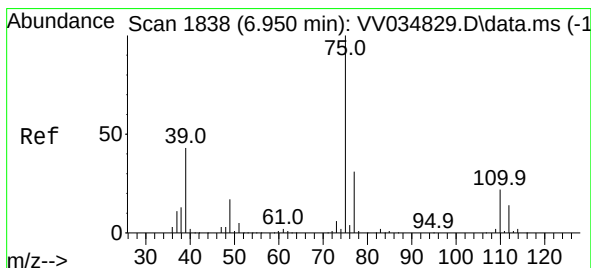
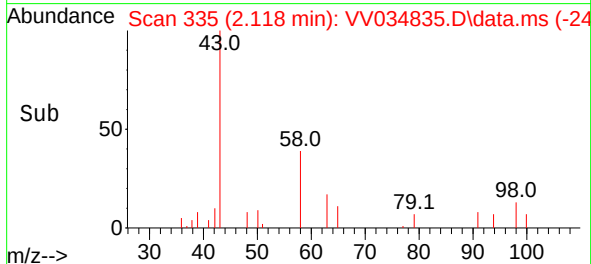
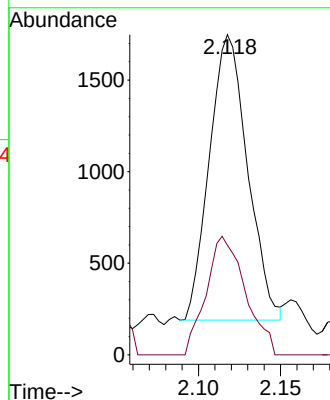
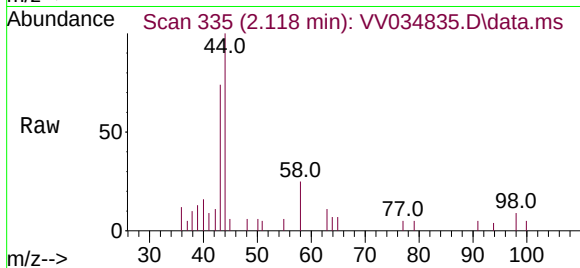
ClientSampleId :

Tgt Ion: 43 Resp: 2519

Ion Ratio Lower Upper

43 100

58 42.6 0.0 66.0



#39

cis-1,3-Dichloropropene

Concen: 1.559 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.035 min

Lab File: VV034835.D

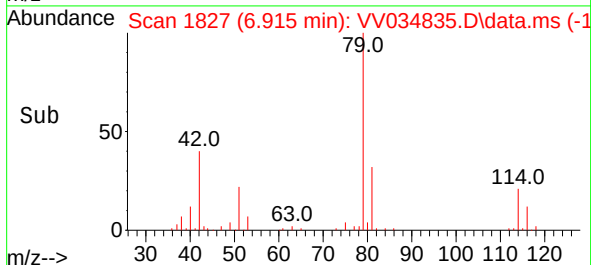
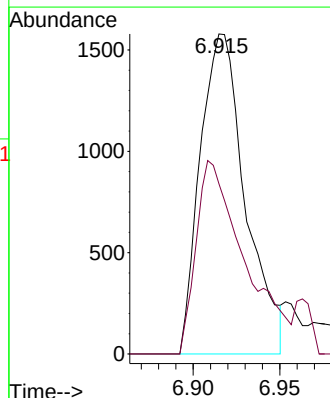
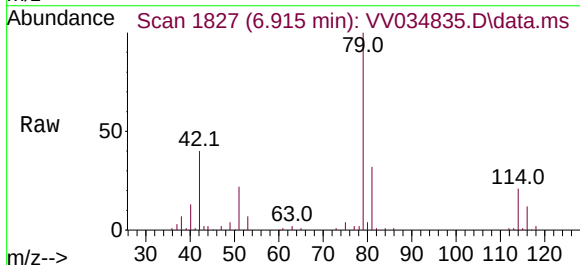
Acq: 26 Mar 2024 18:17

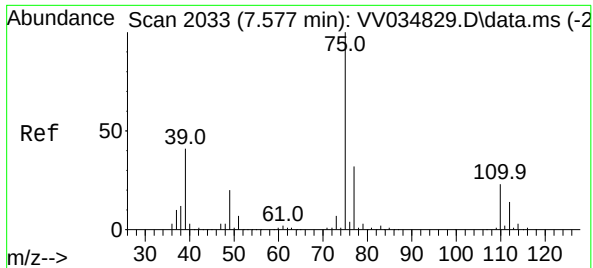
Tgt Ion: 75 Resp: 2871

Ion Ratio Lower Upper

75 100

77 53.2 21.9 40.7#

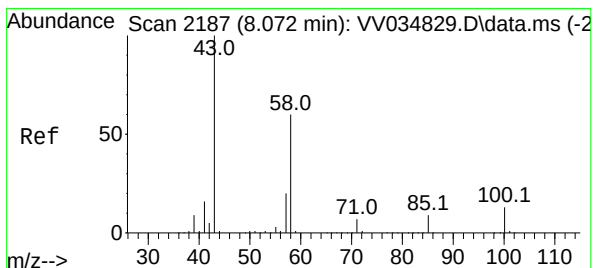
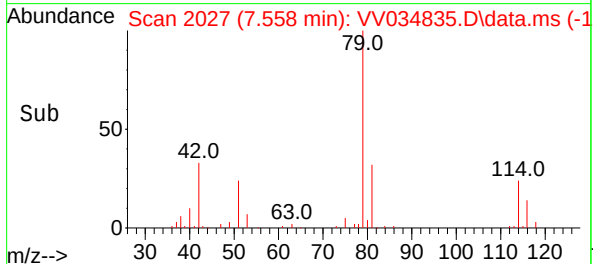
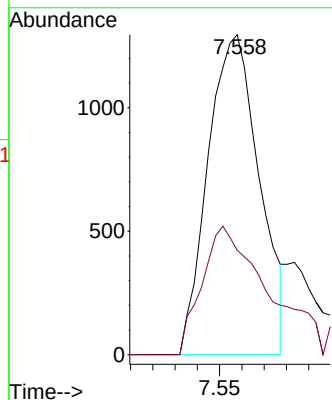
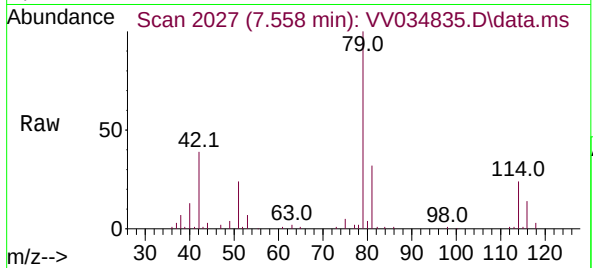




#44
trans-1,3-Dichloropropene
Concen: 1.229 ug/L
RT: 7.558 min Scan# 2033
Delta R.T. -0.019 min
Lab File: VV034835.D
Acq: 26 Mar 2024 18:17

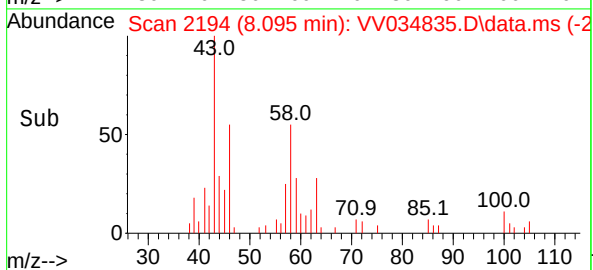
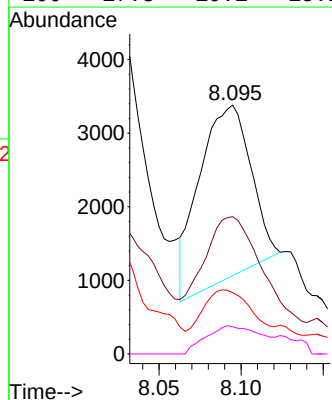
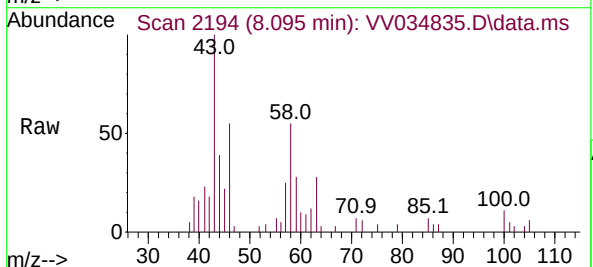
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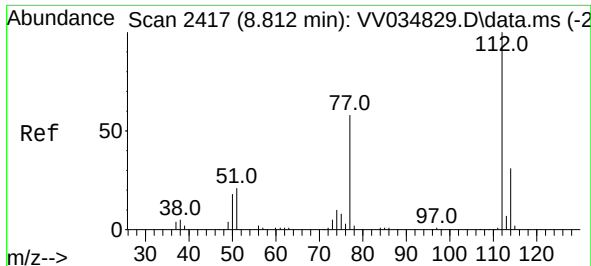
Tgt Ion: 75 Resp: 2078
Ion Ratio Lower Upper
75 100
77 32.6 21.7 40.3



#48
2-Hexanone
Concen: 4.099 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. 0.023 min
Lab File: VV034835.D
Acq: 26 Mar 2024 18:17

Tgt Ion: 43 Resp: 5202
Ion Ratio Lower Upper
43 100
58 76.6 45.4 68.2#
57 23.6 16.2 24.4
100 17.3 10.1 15.1#





#51

Chlorobenzene

Concen: 2.307 ug/L

RT: 8.822 min Scan# 2417

Delta R.T. 0.010 min

Lab File: VV034835.D

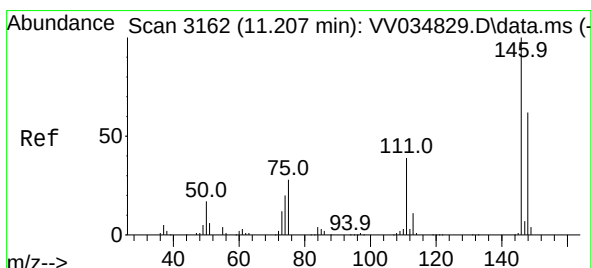
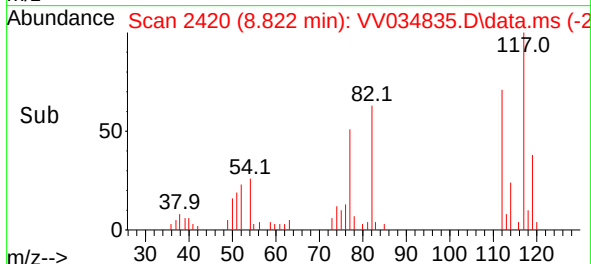
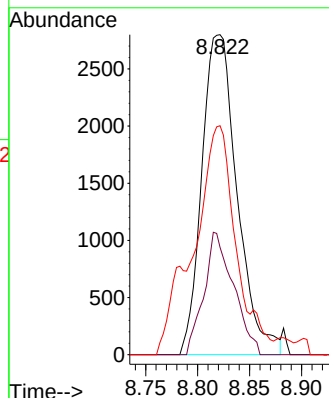
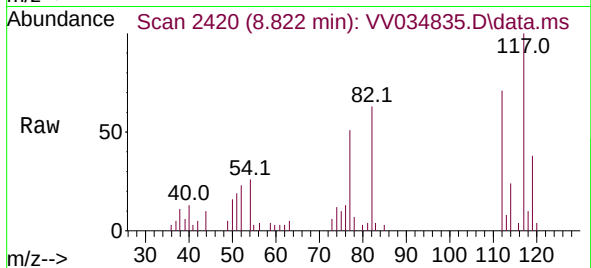
Acq: 26 Mar 2024 18:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:112	Resp:	6619
Ion Ratio	Lower	Upper
112	100	
114	33.6	22.0 41.0
77	71.6	47.4 71.2#



#65

1,4-Dichlorobenzene

Concen: 1.565 ug/L

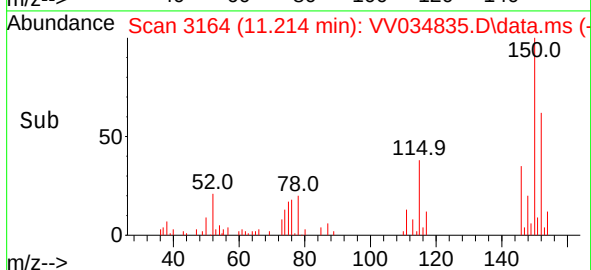
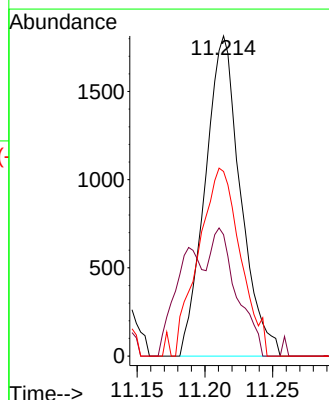
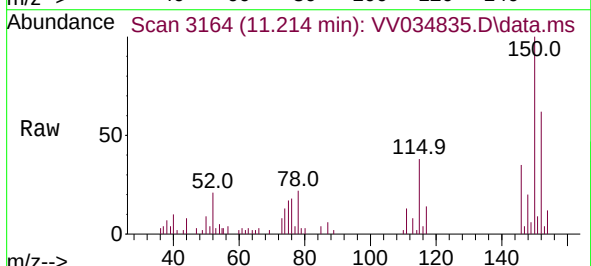
RT: 11.214 min Scan# 3164

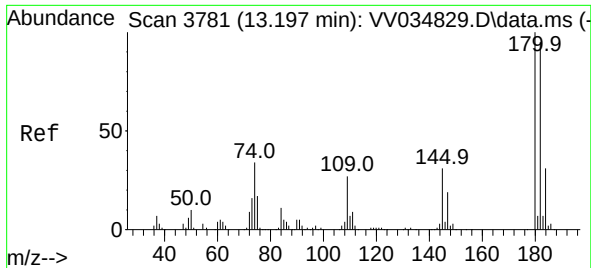
Delta R.T. 0.006 min

Lab File: VV034835.D

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Tgt Ion:146	Resp:	3292
Ion Ratio	Lower	Upper
146	100	
111	37.9	27.4 50.8
148	57.7	44.2 82.2

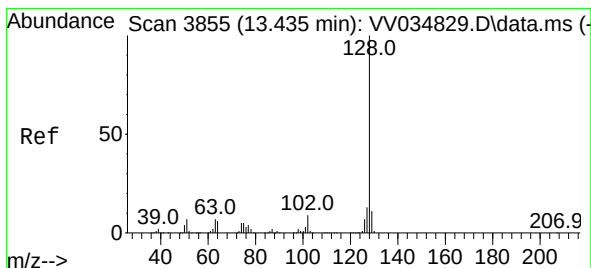
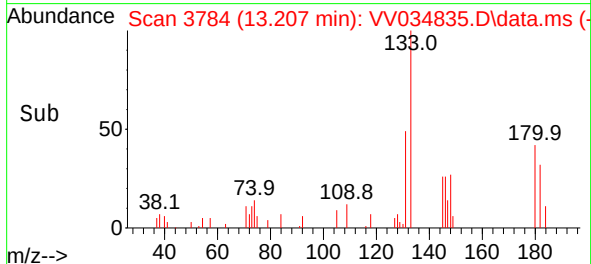
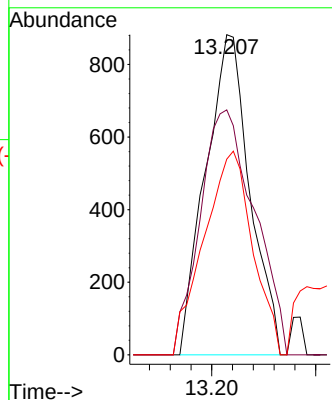
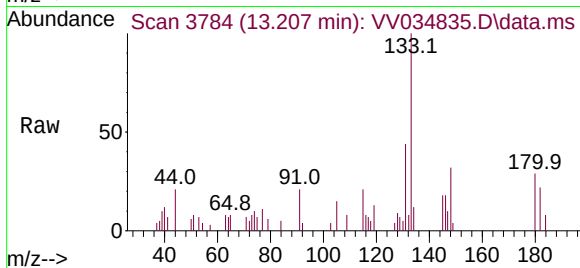




#70
1,2,4-trichlorobenzene
Concen: 0.952 ug/L
RT: 13.207 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV034835.D
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Instrument :
MSVOA_V
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Tgt Ion:180 Resp: 1303
Ion Ratio Lower Upper
180 100
182 94.2 75.6 113.4
145 70.1 24.1 36.1#



#71
Naphthalene
Concen: 1.656 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.013 min
Lab File: VV034835.D
Acq: 26 Mar 2024 18:17

Tgt Ion:128 Resp: 6291
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 9.6 8.7 13.1

