

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032624\
 Data File : VV034831.D
 Acq On : 26 Mar 2024 16:41
 Operator : SY/MD
 Sample : P1851-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 01:36:35 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)

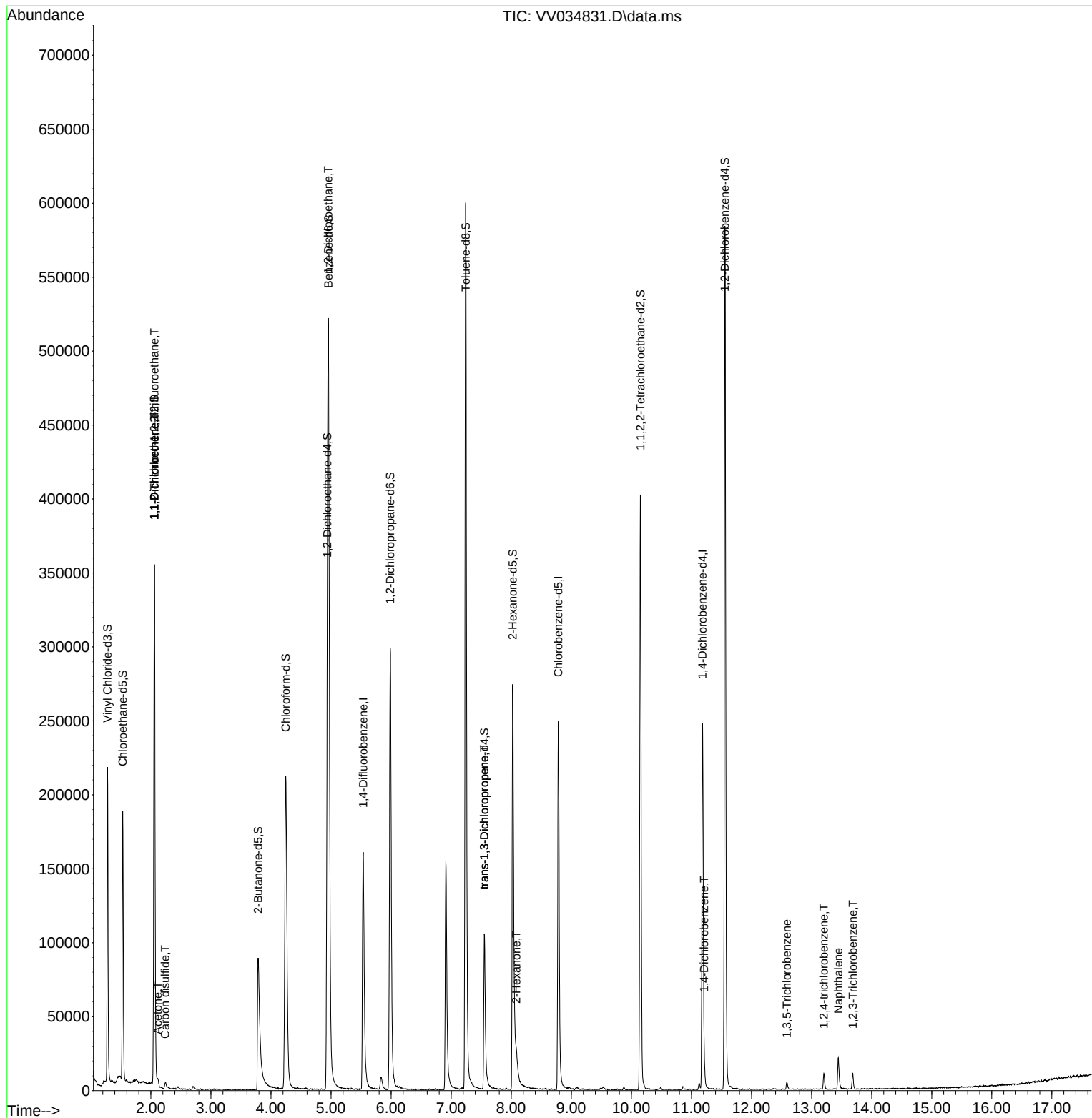
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	144470	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	138845	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	64796	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	136452	97.799	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 195.600%#			
7) Chloroethane-d5	1.532	69	115557	95.356	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 190.720%#			
11) 1,1-Dichloroethene-d2	2.060	65	59910	97.957	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 195.920%#			
21) 2-Butanone-d5	3.786	46	150145	181.449	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 181.450%#			
24) Chloroform-d	4.246	84	225292	96.040	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 192.080%#			
26) 1,2-Dichloroethane-d4	4.937	65	149822	100.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 201.200%#			
32) Benzene-d6	4.957	84	464442	99.583	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 199.160%#			
36) 1,2-Dichloropropane-d6	5.986	67	150470	101.600	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 203.200%#			
41) Toluene-d8	7.243	98	406426	96.763	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 193.520%#			
43) trans-1,3-Dichloroprop...	7.551	79	66273	92.048	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 184.100%#			
47) 2-Hexanone-d5	8.024	63	97560	174.232	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 174.230%#			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	196417	96.308	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 192.620%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	142832	98.179	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 196.360%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	1978	1.745	ug/L #	25
12) 1,1-Dichloroethene	2.060	96	1857	1.713	ug/L #	1
13) Acetone	2.118	43	3069	4.040	ug/L	91
14) Carbon disulfide	2.240	76	3054	1.000	ug/L	95
27) 1,2-Dichloroethane	4.953	62	2777	1.641	ug/L	98
44) trans-1,3-Dichloropropene	7.551	75	2815	1.555	ug/L #	78
48) 2-Hexanone	8.085	43	12343	9.085	ug/L #	84
65) 1,4-Dichlorobenzene	11.210	146	2532	1.141	ug/L	95
69) 1,3,5-Trichlorobenzene	12.587	180	1800	1.144	ug/L	94
70) 1,2,4-trichlorobenzene	13.204	180	3336	2.308	ug/L	98
71) Naphthalene	13.445	128	18393	4.587	ug/L	96
72) 1,2,3-Trichlorobenzene	13.686	180	3538	2.484	ug/L	94

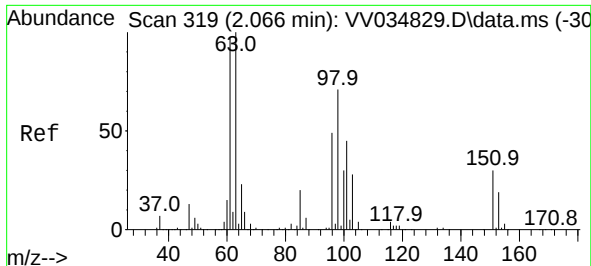
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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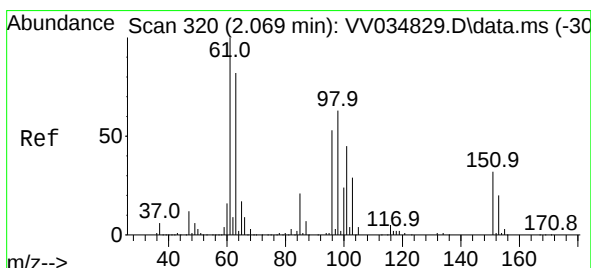
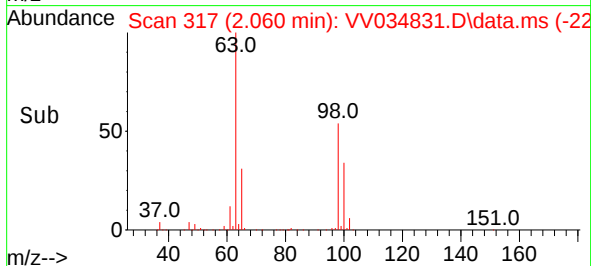
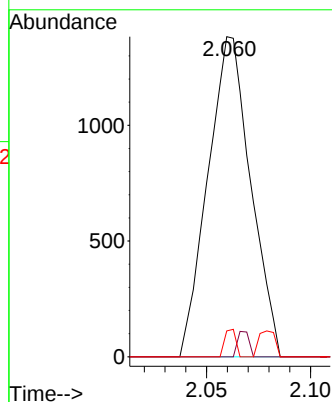
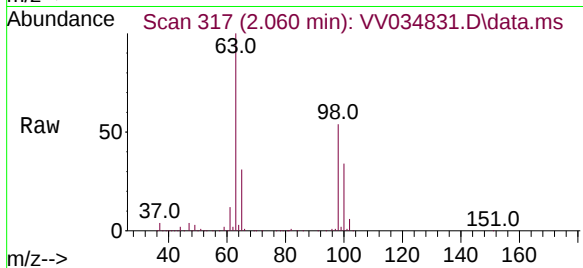




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.745 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.006 min
 Lab File: VV034831.D
 Acq: 26 Mar 2024 16:41

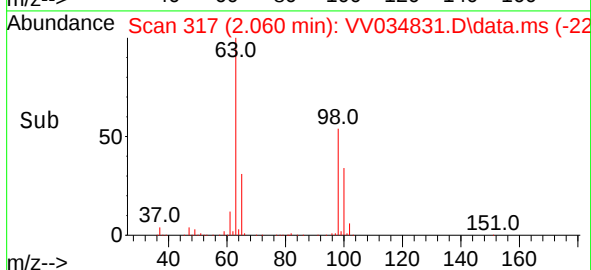
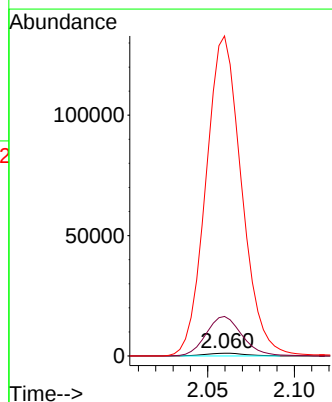
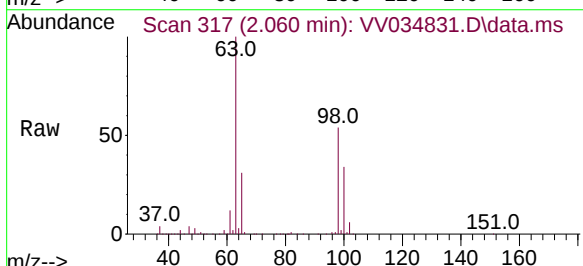
Instrument :
 MSVOA_V
 ClientSampleId :

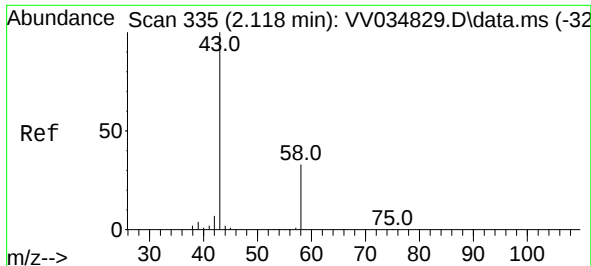
Tgt Ion:101 Resp: 1978
 Ion Ratio Lower Upper
 101 100
 85 2.1 35.3 52.9#
 151 2.3 55.0 82.4#



#12
 1,1-Dichloroethene
 Concen: 1.713 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV034831.D
 Acq: 26 Mar 2024 16:41

Tgt Ion: 96 Resp: 1857
 Ion Ratio Lower Upper
 96 100
 61 1447.5 131.5 244.3#
 63 11732.4 111.4 206.8#





#13

Acetone

Concen: 4.040 ug/L

RT: 2.118 min Scan# 30

Delta R.T. -0.000 min

Lab File: VV034831.D

Acq: 26 Mar 2024 16:41

Instrument :

MSVOA_V

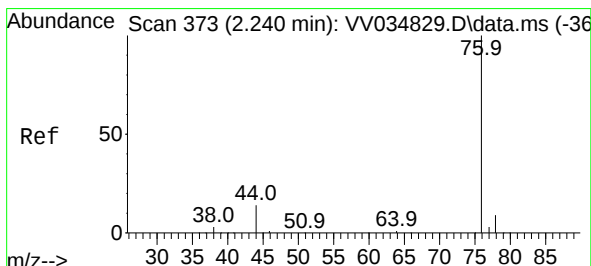
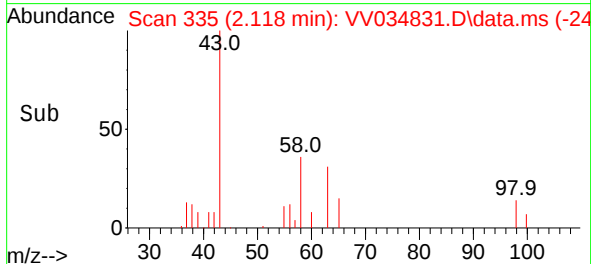
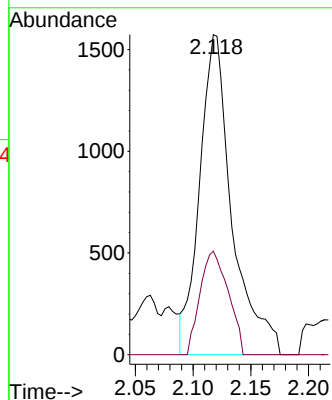
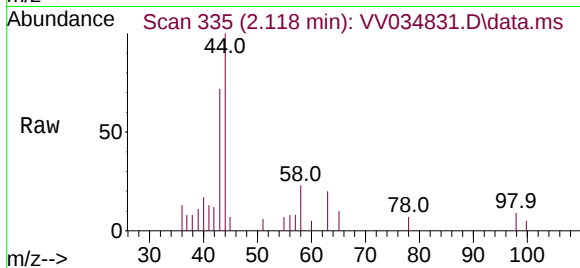
ClientSampleId :

Tgt Ion: 43 Resp: 3069

Ion Ratio Lower Upper

43 100

58 28.1 0.0 66.0



#14

Carbon disulfide

Concen: 1.000 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034831.D

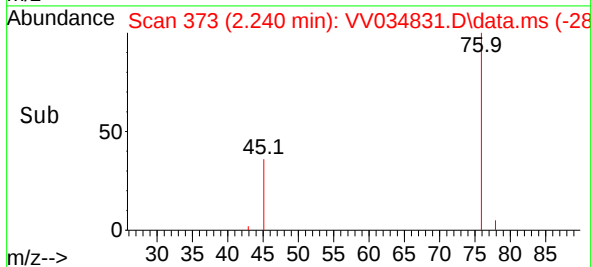
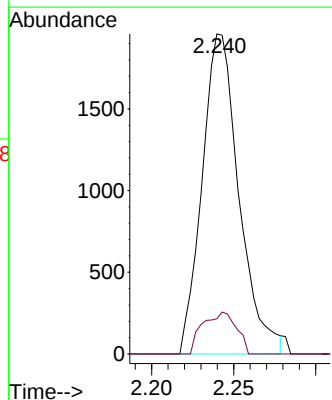
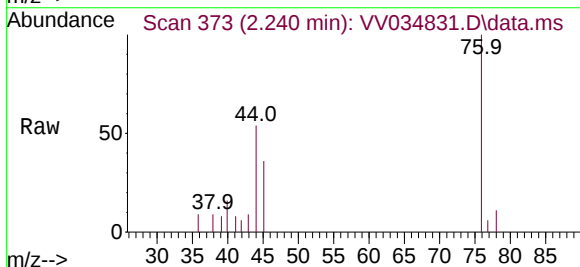
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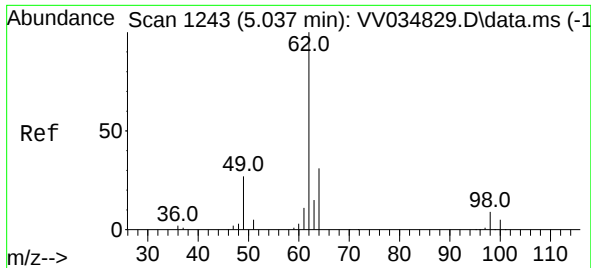
Tgt Ion: 76 Resp: 3054

Ion Ratio Lower Upper

76 100

78 11.0 7.4 11.0

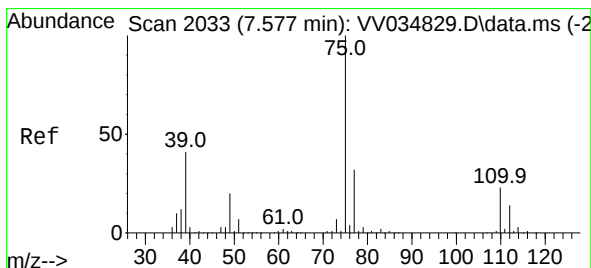
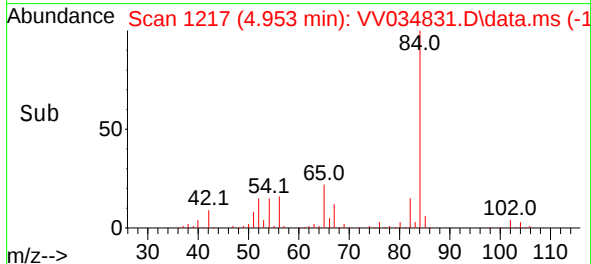
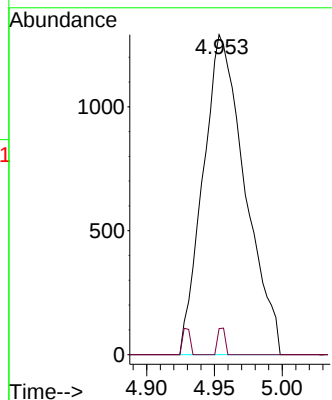
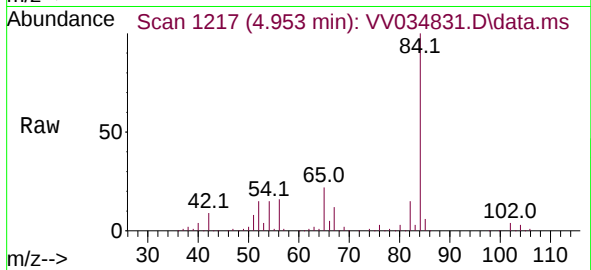




#27
1,2-Dichloroethane
Concen: 1.641 ug/L
RT: 4.953 min Scan# 11
Delta R.T. -0.084 min
Lab File: VV034831.D
Acq: 26 Mar 2024 16:41

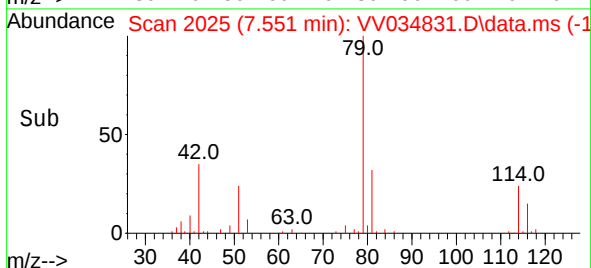
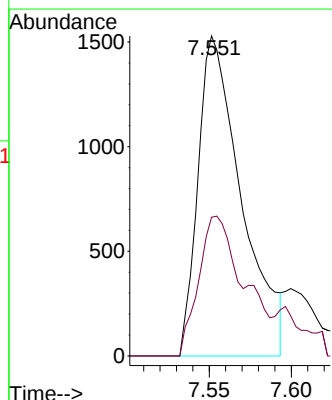
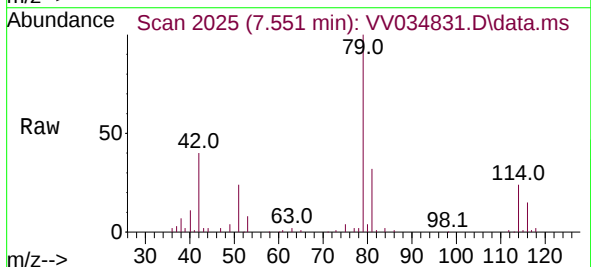
Instrument :
MSVOA_V
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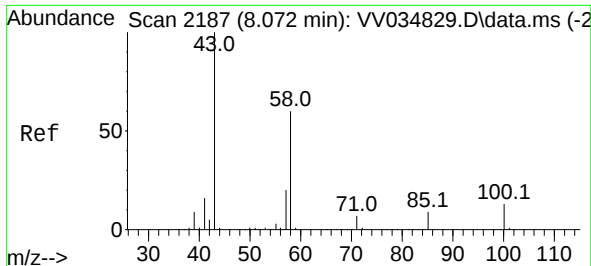
Tgt Ion: 62 Resp: 2777
Ion Ratio Lower Upper
62 100
98 8.1 7.2 10.8



#44
trans-1,3-Dichloropropene
Concen: 1.555 ug/L
RT: 7.551 min Scan# 2025
Delta R.T. -0.026 min
Lab File: VV034831.D
Acq: 26 Mar 2024 16:41

Tgt Ion: 75 Resp: 2815
Ion Ratio Lower Upper
75 100
77 43.4 21.7 40.3#

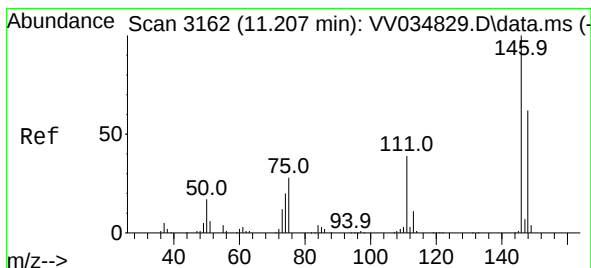
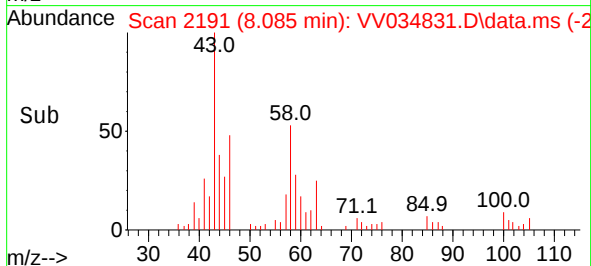
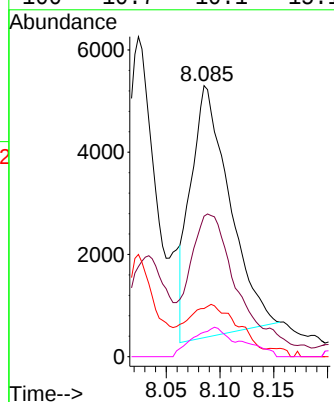
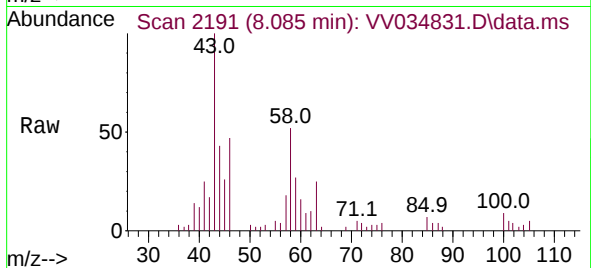




#48
2-Hexanone
Concen: 9.085 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VV034831.D
Acq: 26 Mar 2024 16:41

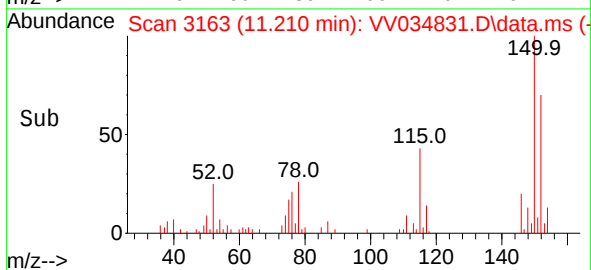
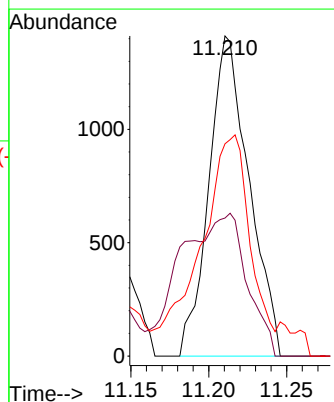
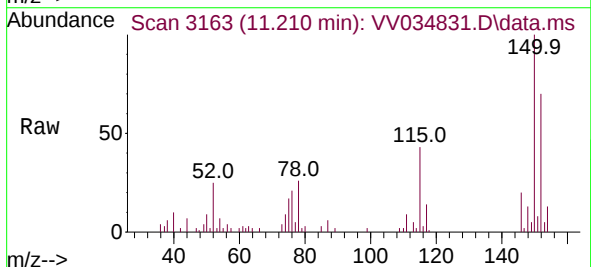
Instrument :
MSVOA_V
ClientSampleId :

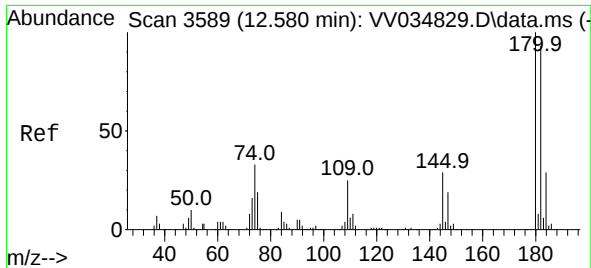
Tgt	Ion: 43	Resp:	12343
Ion	Ratio	Lower	Upper
43	100		
58	50.3	45.4	68.2
57	0.0	16.2	24.4#
100	10.7	10.1	15.1



#65
1,4-Dichlorobenzene
Concen: 1.141 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034831.D
Acq: 26 Mar 2024 16:41

Tgt Ion:146	Resp: 2532		
Ion Ratio	Lower	Upper	
146 100			
111 43.1	27.4	50.8	
148 66.3	44.2	82.2	





#69

1,3,5-Trichlorobenzene

Concen: 1.144 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.006 min

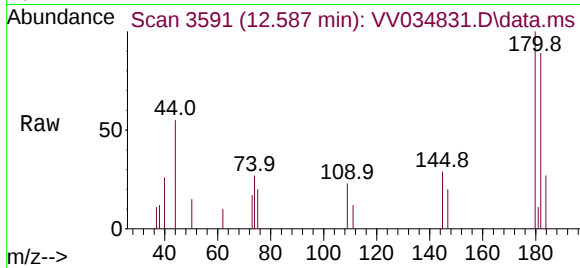
Lab File: VV034831.D

Acq: 26 Mar 2024 16:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1800

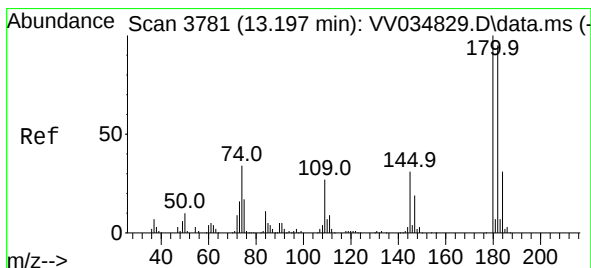
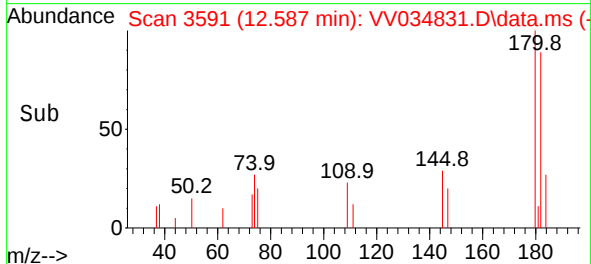
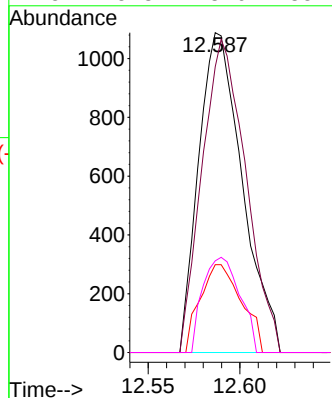
Ion Ratio Lower Upper

180 100

182 97.9 74.7 112.1

184 26.2 24.0 36.0

145 25.3 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 2.308 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.006 min

Lab File: VV034831.D

Acq: 26 Mar 2024 16:41

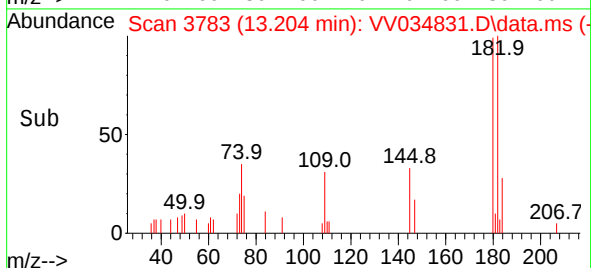
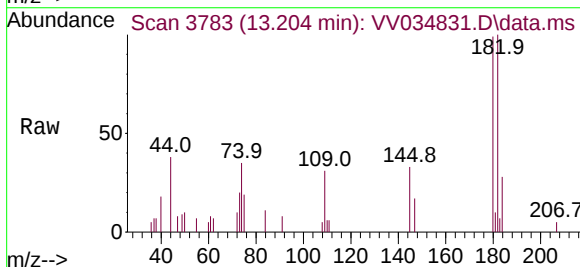
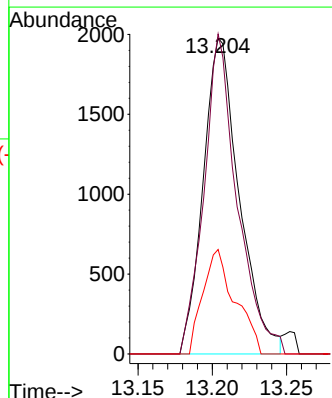
Tgt Ion:180 Resp: 3336

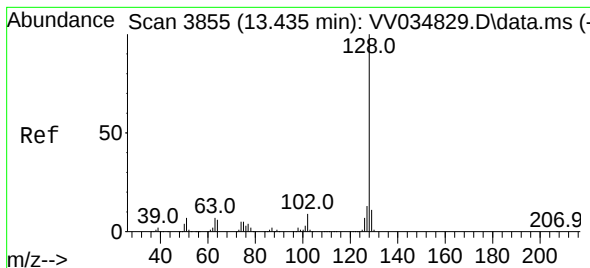
Ion Ratio Lower Upper

180 100

182 92.6 75.6 113.4

145 29.5 24.1 36.1





#71

Naphthalene

Concen: 4.587 ug/L

RT: 13.445 min Scan# 3855

Delta R.T. 0.010 min

Lab File: VV034831.D

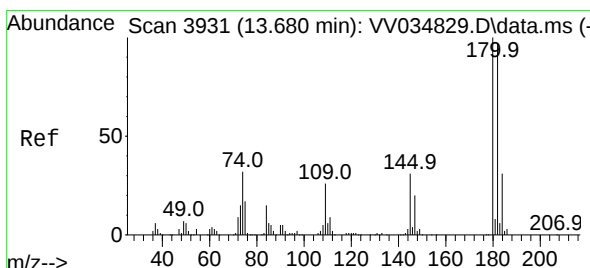
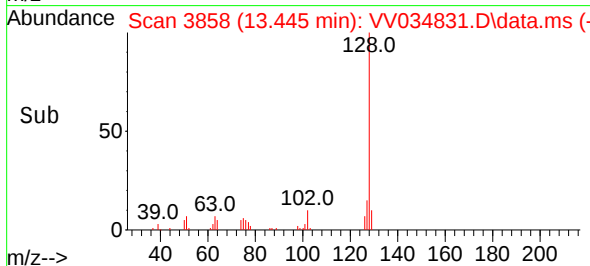
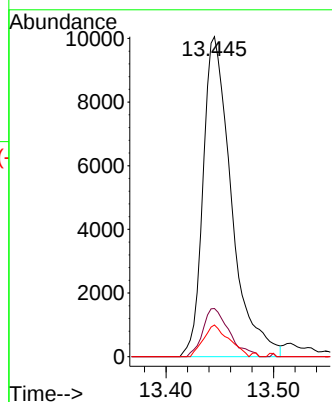
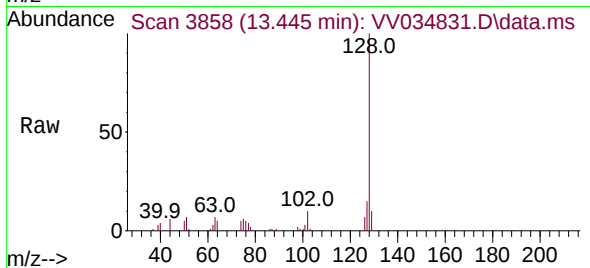
Acq: 26 Mar 2024 16:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	18393
Ion Ratio	Lower	Upper
128	100	
127	14.0	10.5 15.7
129	8.8	8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 2.484 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.006 min

Lab File: VV034831.D

Acq: 26 Mar 2024 16:41

Tgt Ion:180	Resp:	3538
Ion Ratio	Lower	Upper
180	100	
182	87.6	76.2 114.2
145	33.5	25.8 38.6

