

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051022\
 Data File : VW025865.D
 Acq On : 10 May 2022 17:09
 Operator : SY/MD
 Sample : N2713-03
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW2X9ME

Quant Time: May 11 04:25:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 04:11:56 2022
 Response via : Initial Calibration

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

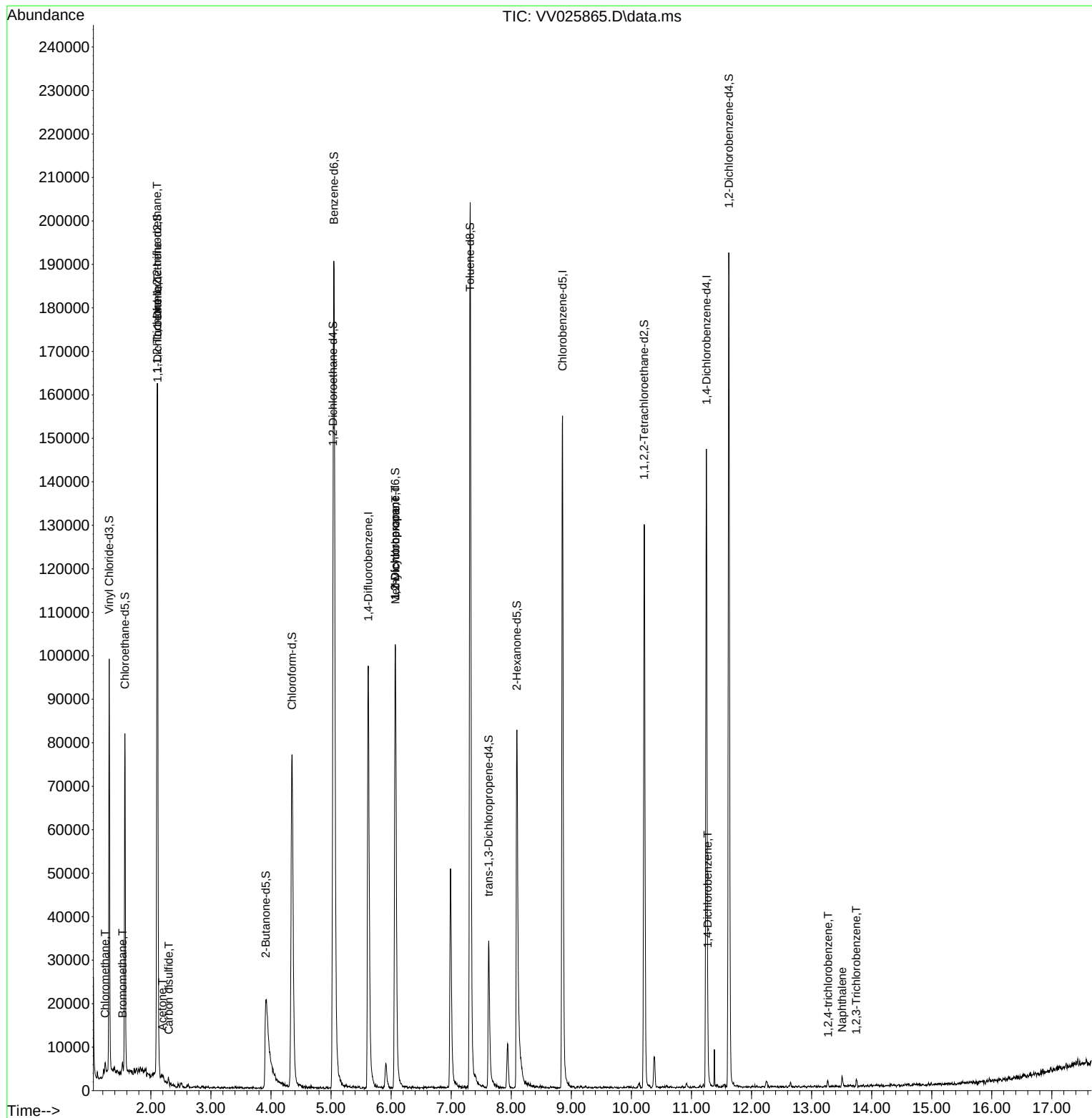
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	87212	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	85941	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	38099	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	60202	53.487	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.980%
7) Chloroethane-d5	1.568	69	48478	49.045	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.080%
11) 1,1-Dichloroethene-d2	2.108	63	84685	43.019	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.040%
21) 2-Butanone-d5	3.912	46	40968	84.921	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.920%
24) Chloroform-d	4.349	84	80602	51.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.540%
26) 1,2-Dichloroethane-d4	5.034	65	53059	55.844	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.680%
32) Benzene-d6	5.050	84	167213	55.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.620%
36) 1,2-Dichloropropane-d6	6.069	67	52176	56.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.400%
41) Toluene-d8	7.317	98	136723	49.529	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.060%
43) trans-1,3-Dichloroprop...	7.625	79	20112	48.962	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.920%
47) 2-Hexanone-d5	8.092	63	30247	89.656	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.660%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	64304	52.401	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	47755	57.142	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.280%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1621	1.486	ug/L #	81
6) Bromomethane	1.526	94	1170	1.737	ug/L	79
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	836	0.999	ug/L #	27
12) 1,1-Dichloroethene	2.111	96	935	1.136	ug/L #	1
13) Acetone	2.191	43	1437	4.365	ug/L	75
14) Carbon disulfide	2.298	76	1471	0.722	ug/L #	75
35) Methylcyclohexane	6.072	83	12895	11.376	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	5656	7.781	ug/L #	86
65) 1,4-Dichlorobenzene	11.271	146	639	0.505	ug/L	97
70) 1,2,4-trichlorobenzene	13.275	180	642	0.904	ug/L #	89
71) Naphthalene	13.509	128	2310	1.098	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	585	0.808	ug/L #	86

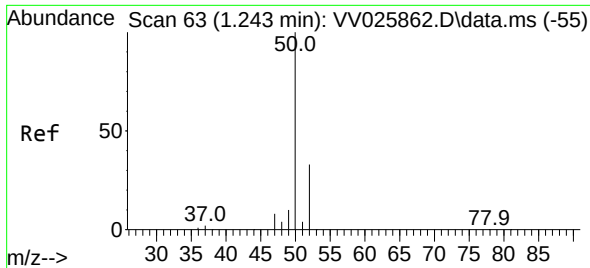
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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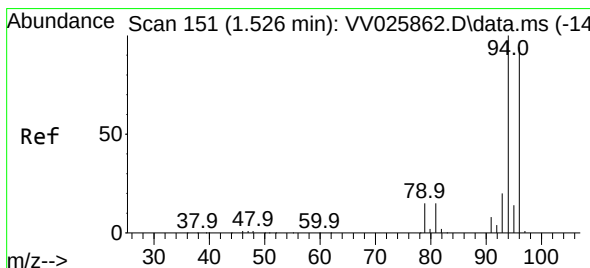
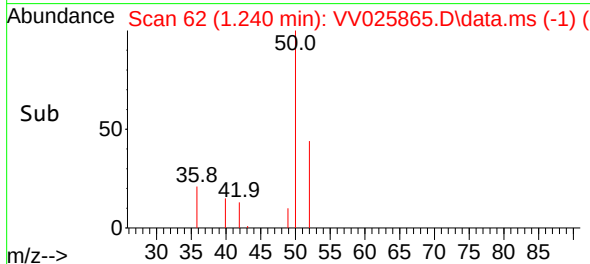
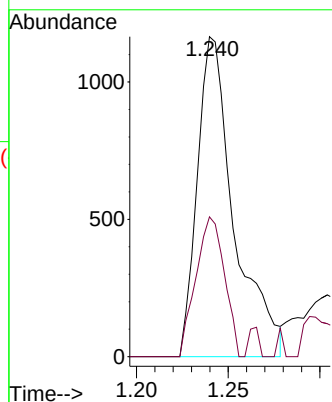
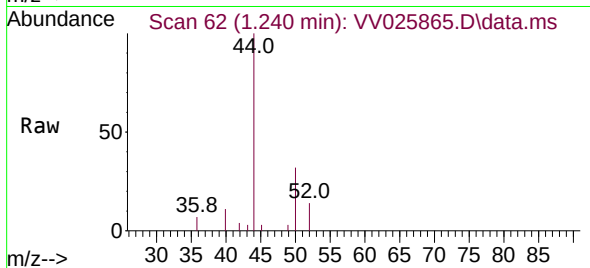




#3
Chloromethane
Concen: 1.486 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025865.D
Acq: 10 May 2022 17:09

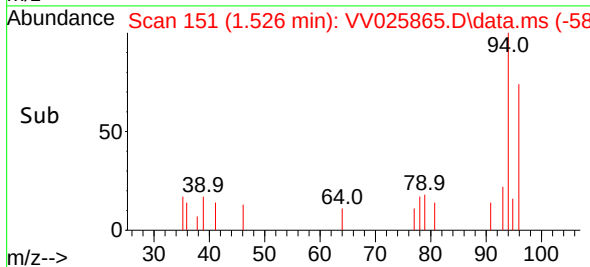
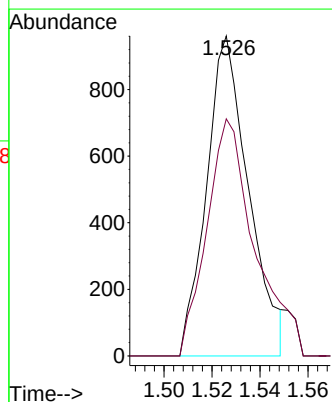
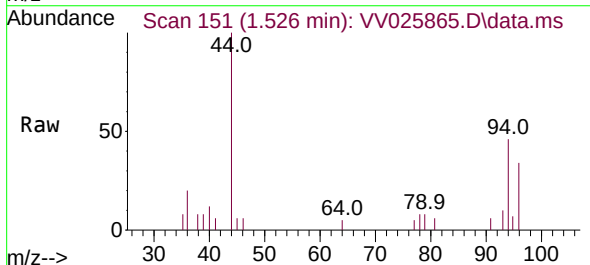
Instrument :
MSVOA_V
ClientSampleId :
EW2X9ME

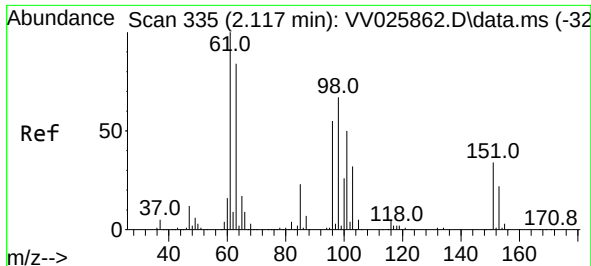
Tgt Ion: 50 Resp: 1621
Ion Ratio Lower Upper
50 100
52 43.7 23.2 43.2#



#6
Bromomethane
Concen: 1.737 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.000 min
Lab File: VV025865.D
Acq: 10 May 2022 17:09

Tgt Ion: 94 Resp: 1170
Ion Ratio Lower Upper
94 100
96 74.1 65.9 122.3

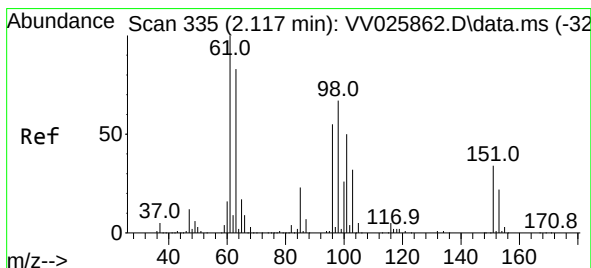
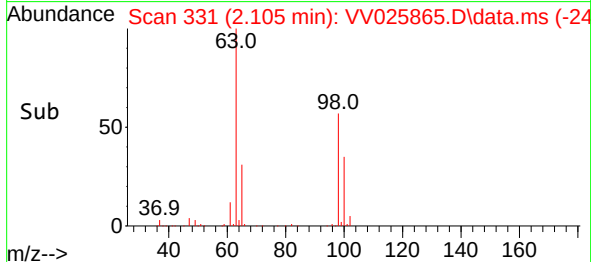
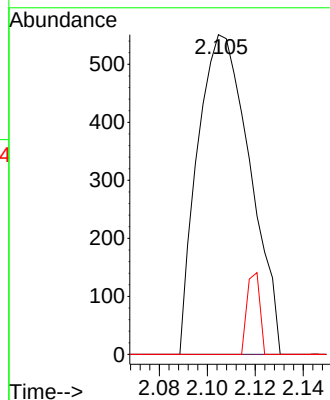
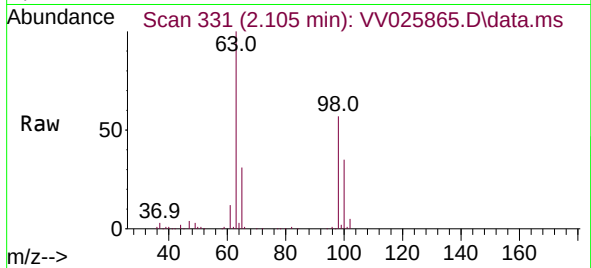




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.999 ug/L
 RT: 2.105 min Scan# 311
 Delta R.T. -0.013 min
 Lab File: VV025865.D
 Acq: 10 May 2022 17:09

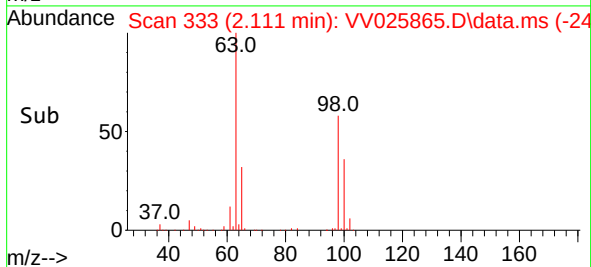
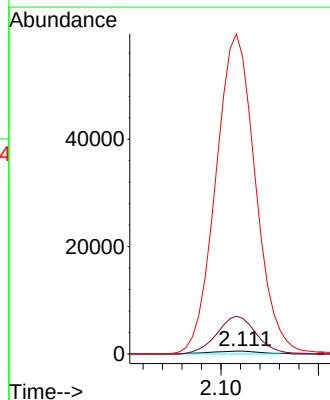
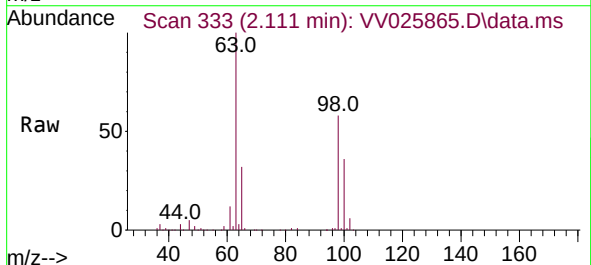
Instrument :
 MSVOA_V
 ClientSampleId :
 EW2X9ME

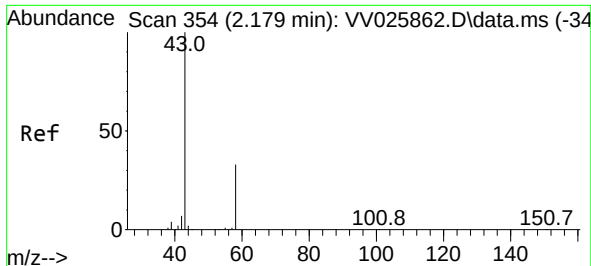
Tgt Ion:101 Resp: 836
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 6.2 54.3 81.5#



#12
 1,1-Dichloroethene
 Concen: 1.136 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV025865.D
 Acq: 10 May 2022 17:09

Tgt Ion: 96 Resp: 935
 Ion Ratio Lower Upper
 96 100
 61 1243.1 124.6 231.4#
 63 10337.3 101.6 188.6#





#13

Acetone

Concen: 4.365 ug/L

RT: 2.191 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV025865.D

Acq: 10 May 2022 17:09

Instrument :

MSVOA_V

ClientSampleId :

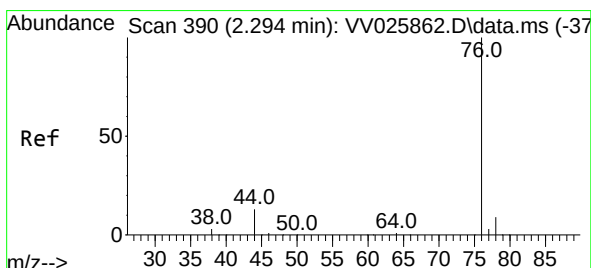
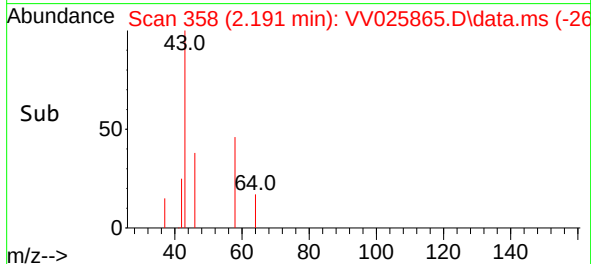
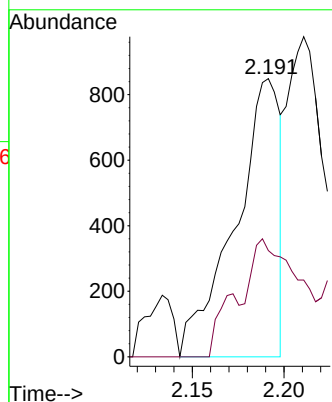
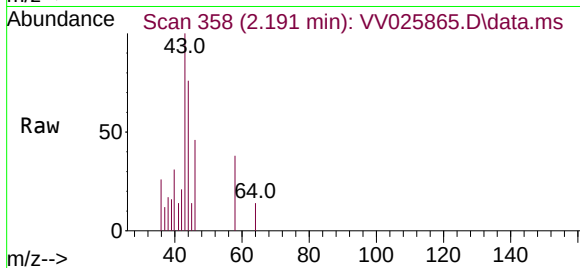
EW2X9ME

Tgt Ion: 43 Resp: 1437

Ion Ratio Lower Upper

43 100

58 46.3 0.0 65.0



#14

Carbon disulfide

Concen: 0.722 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025865.D

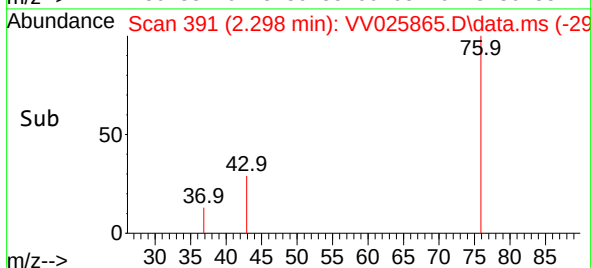
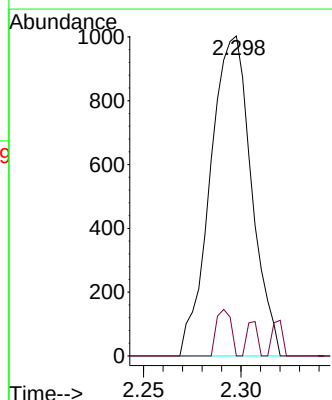
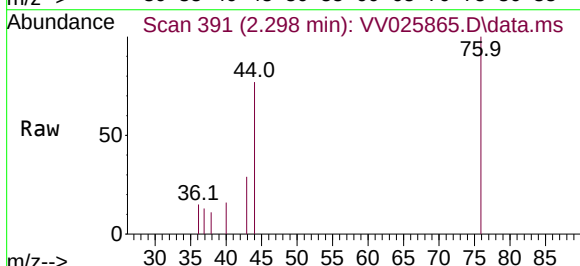
Acq: 10 May 2022 17:09

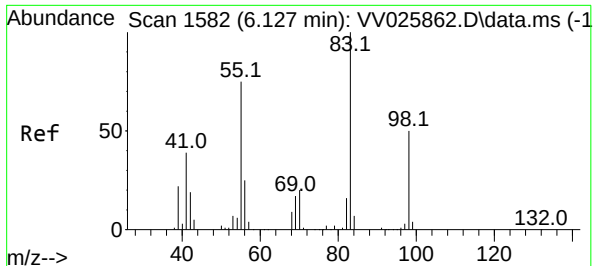
Tgt Ion: 76 Resp: 1471

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

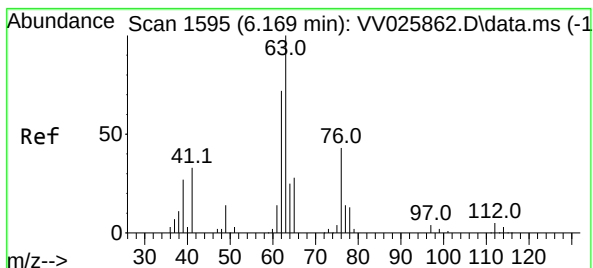
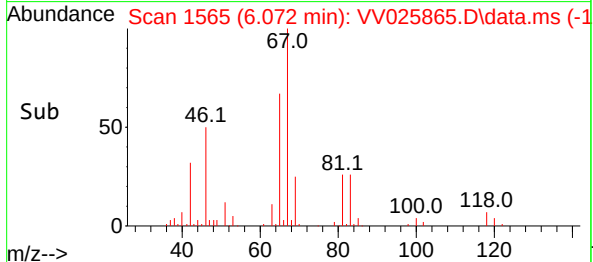
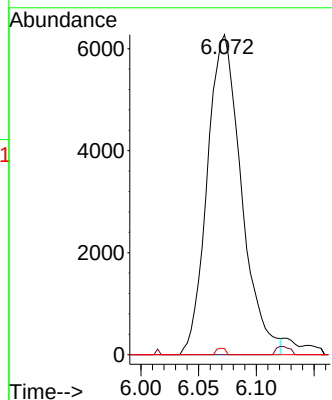
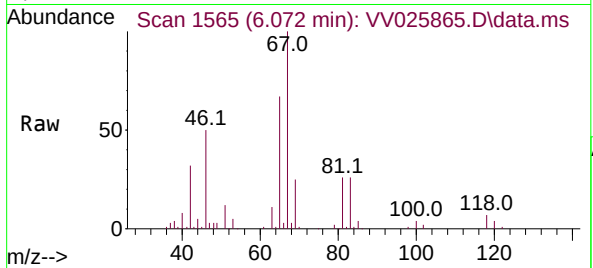




#35
Methylcyclohexane
Concen: 11.376 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025865.D
Acq: 10 May 2022 17:09

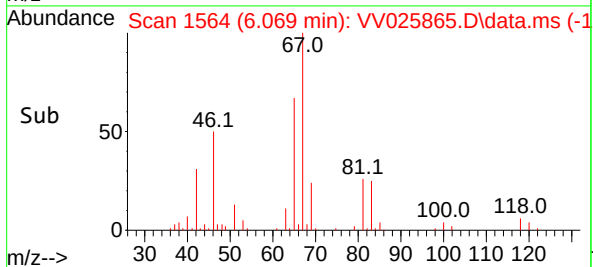
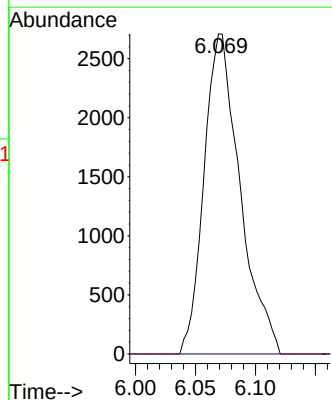
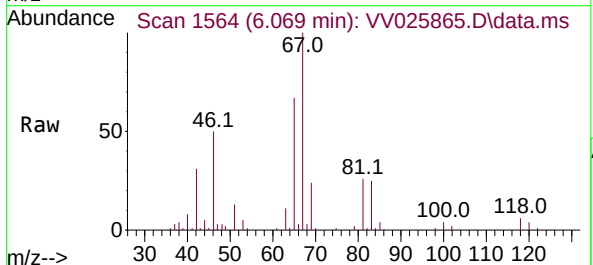
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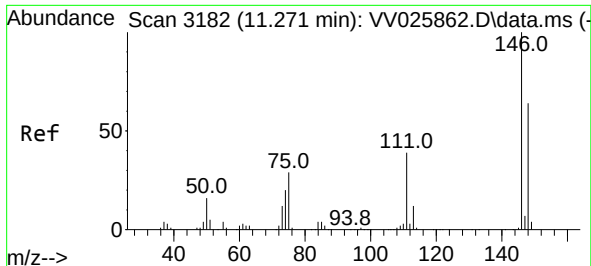
Tgt Ion: 83 Resp: 12895
Ion Ratio Lower Upper
83 100
55 1.0 58.6 87.8#
98 0.5 39.1 58.7#



#37
1,2-Dichloropropane
Concen: 7.781 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV025865.D
Acq: 10 May 2022 17:09

Tgt Ion: 63 Resp: 5656
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

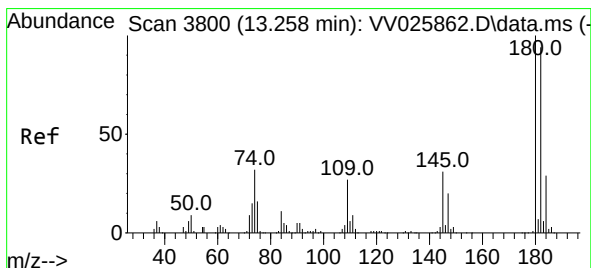
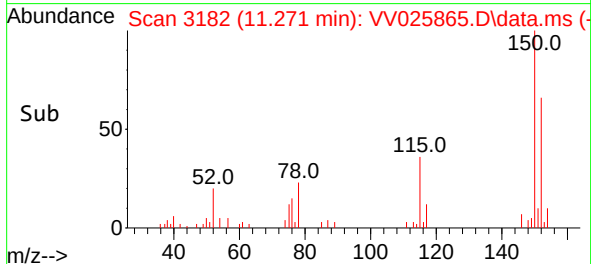
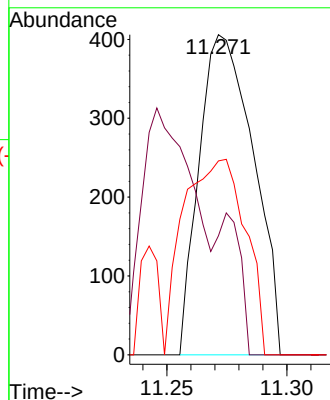
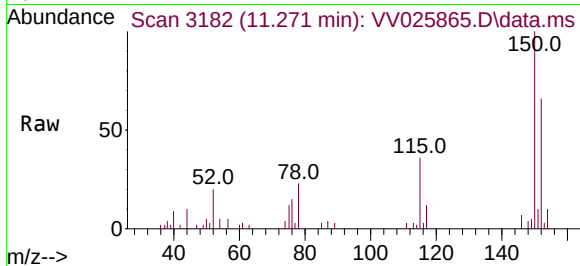




#65
1,4-Dichlorobenzene
Concen: 0.505 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025865.D
Acq: 10 May 2022 17:09

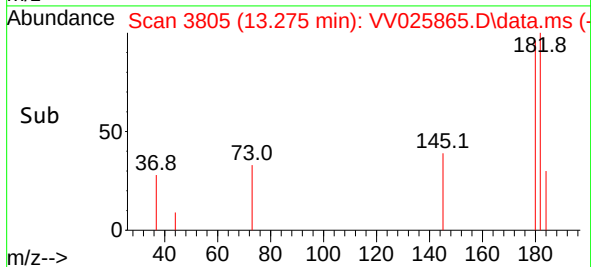
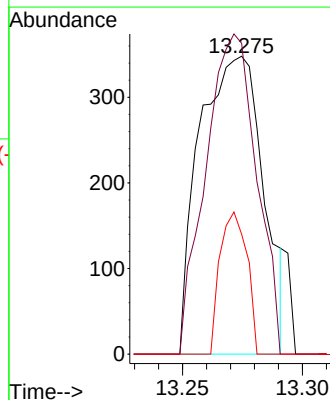
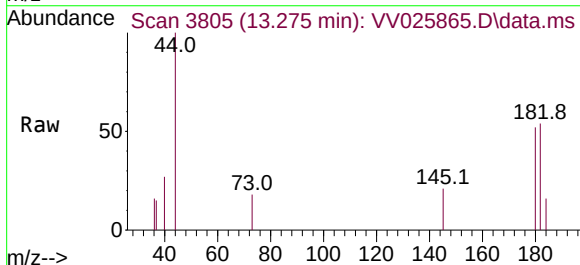
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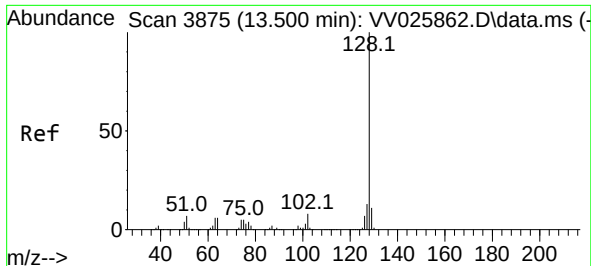
Tgt Ion:146	Resp:	639	
Ion	Ratio	Lower	Upper
146	100		
111	37.2	26.7	49.7
148	60.6	44.2	82.2



#70
1,2,4-trichlorobenzene
Concen: 0.904 ug/L
RT: 13.275 min Scan# 3805
Delta R.T. 0.016 min
Lab File: VV025865.D
Acq: 10 May 2022 17:09

Tgt Ion:180	Resp:	642	
Ion	Ratio	Lower	Upper
180	100		
182	86.0	74.8	112.2
145	20.2	24.8	37.2#

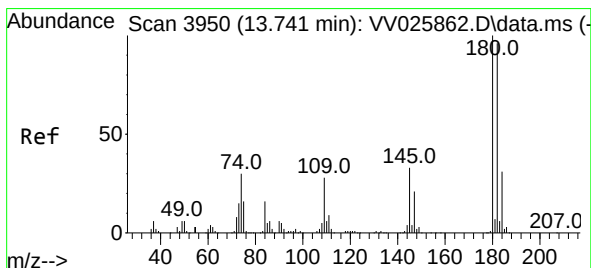
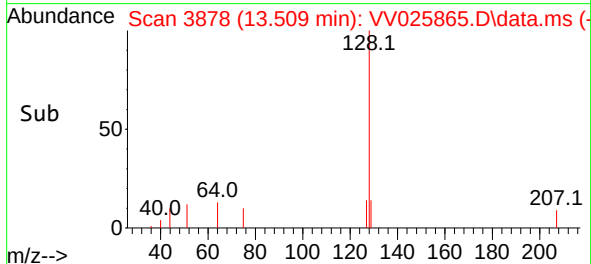
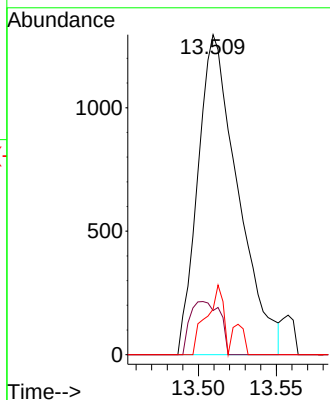
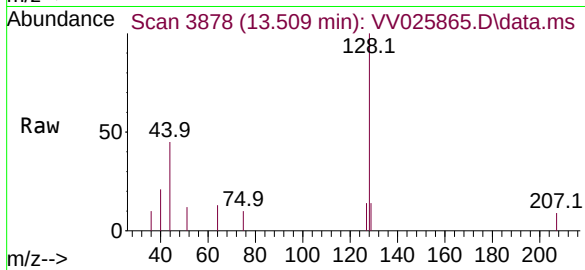




#71
Naphthalene
Concen: 1.098 ug/L
RT: 13.509 min Scan# 3875
Delta R.T. 0.010 min
Lab File: VV025865.D
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Tgt Ion:128	Resp:	2310
Ion Ratio	Lower	Upper
128	100	
127	12.3	10.4 15.6
129	9.2	8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 0.808 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV025865.D
Acq: 10 May 2022 17:09

Tgt Ion:180	Resp:	585
Ion Ratio	Lower	Upper
180	100	
182	89.4	75.8 113.8
145	11.6	26.3 39.5#

