

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011023.D
 Acq On : 27 Jun 2019 16:22
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:25:04 AM

Quant Time: Jun 28 01:52:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	305038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135139	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	138280	60.38	ug/l	0.00
Spiked Amount			Recovery	=	120.76%	
35) Dibromofluoromethane	7.88	113	106182	61.66	ug/l	0.00
Spiked Amount			Recovery	=	123.32%	
50) Toluene-d8	10.32	98	448083	59.34	ug/l	0.00
Spiked Amount			Recovery	=	118.68%	
62) 4-Bromofluorobenzene	12.62	95	161998	58.96	ug/l	0.00
Spiked Amount			Recovery	=	117.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	64997	38.502	ug/l	100
3) Chloromethane	2.21	50	84613	34.714	ug/l	100
4) Vinyl Chloride	2.36	62	115569	48.767	ug/l	100
5) Bromomethane	2.77	94	56899	44.312	ug/l	100
6) Chloroethane	2.92	64	62498	44.963	ug/l	100
7) Trichlorofluoromethane	3.25	101	35032	13.098	ug/l	100
8) Diethyl Ether	3.68	74	53772	49.212	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	95900	50.809	ug/l	100
10) Methyl Iodide	4.27	142	136448	75.362	ug/l	100
11) Tert butyl alcohol	5.17	59	39554	221.849	ug/l	100
12) 1,1-Dichloroethene	4.04	96	100788	54.428	ug/l	100
13) Acrolein	3.89	56	37290	436.696	ug/l	100
14) Allyl chloride	4.66	41	165743	42.673	ug/l	100
15) Acrylonitrile	5.36	53	137303	255.340	ug/l	100
16) Acetone	4.12	43	147417	250.528	ug/l	100
17) Carbon Disulfide	4.39	76	294468	50.711	ug/l	100
18) Methyl Acetate	4.67	43	67699	51.890	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	144288	29.742	ug/l	100
20) Methylene Chloride	4.92	84	107361	51.022	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	103405	50.229	ug/l	100
22) Diisopropyl ether	6.31	45	395491	49.519	ug/l	100
23) Vinyl Acetate	6.25	43	1260754	259.474	ug/l	100
24) 1,1-Dichloroethane	6.21	63	206160	51.058	ug/l	100
25) 2-Butanone	7.17	43	217974	263.121	ug/l	100
26) 2,2-Dichloropropane	7.17	77	101797	33.234	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	111554	49.325	ug/l	100
28) Bromochloromethane	7.51	49	108965	58.950	ug/l	100
29) Tetrahydrofuran	7.53	42	135576	258.295	ug/l	100
30) Chloroform	7.67	83	187828	50.886	ug/l	100
31) Cyclohexane	7.95	56	212362	47.554	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	141556	45.000	ug/l	100
36) 1,1-Dichloropropene	8.08	75	158139	50.127	ug/l	100
37) Ethyl Acetate	7.25	43	92725	52.294	ug/l	100
38) Carbon Tetrachloride	8.07	117	131945	48.918	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	193740	48.692	ug/l	100
40) Benzene	8.32	78	436120	50.575	ug/l	100
41) Methacrylonitrile	7.48	41	57257	54.063	ug/l	100
42) 1,2-Dichloroethane	8.40	62	141276	51.431	ug/l	100
43) Isopropyl Acetate	8.42	43	174913	51.406	ug/l	100
44) Trichloroethene	9.09	130	104980	49.537	ug/l	100
45) 1,2-Dichloropropane	9.37	63	117940	51.548	ug/l	100
46) Dibromomethane	9.45	93	55107	51.735	ug/l	100
47) Bromodichloromethane	9.64	83	137482	50.228	ug/l	100
48) Methyl methacrylate	9.43	41	85734	52.250	ug/l	100
49) 1,4-Dioxane	9.45	88	19203	1118.906	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	462792	264.213	ug/l	100
52) Toluene	10.38	92	269219	50.810	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	145985	50.397	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	174131	50.951	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	79203	51.690	ug/l	100
56) Ethyl methacrylate	10.65	69	118822	50.623	ug/l	100
57) 1,3-Dichloropropane	10.93	76	147365	51.062	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	281968	230.624	ug/l	100
59) 2-Hexanone	10.97	43	330316	262.336	ug/l	100
60) Dibromochloromethane	11.13	129	82729	49.296	ug/l	100
61) 1,2-Dibromoethane	11.23	107	72989	50.461	ug/l	100
64) Tetrachloroethene	10.86	164	90708	49.966	ug/l	100
65) Chlorobenzene	11.66	112	269433	50.006	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	91772	49.491	ug/l	100
67) Ethyl Benzene	11.73	91	516051	49.830	ug/l	100
68) m/p-Xylenes	11.84	106	377211	101.425	ug/l	100
69) o-Xylene	12.16	106	176415	50.158	ug/l	100
70) Styrene	12.18	104	308857	50.518	ug/l	100
71) Bromoform	12.35	173	45948	48.089	ug/l	# 100
73) Isopropylbenzene	12.46	105	487613	48.173	ug/l	100
74) N-amyl acetate	12.27	43	169341	51.002	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	95309	49.084	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	68689m	48.215	ug/l	
77) Bromobenzene	12.74	156	105890	47.961	ug/l	100
78) n-propylbenzene	12.80	91	609046	49.630	ug/l	100
79) 2-Chlorotoluene	12.89	91	345451	49.276	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	416941	49.945	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	29836	48.515	ug/l	100
82) 4-Chlorotoluene	12.99	91	357991	49.405	ug/l	100
83) tert-Butylbenzene	13.21	119	345072	48.919	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	417783	49.738	ug/l	100
85) sec-Butylbenzene	13.38	105	501155	48.833	ug/l	100
86) p-Isopropyltoluene	13.50	119	449264	48.903	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	210095	49.157	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	206497	48.601	ug/l	100
89) n-Butylbenzene	13.82	91	459795	50.023	ug/l	100
90) Hexachloroethane	14.10	117	78049	47.883	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	189400	49.050	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16574	49.441	ug/l	100

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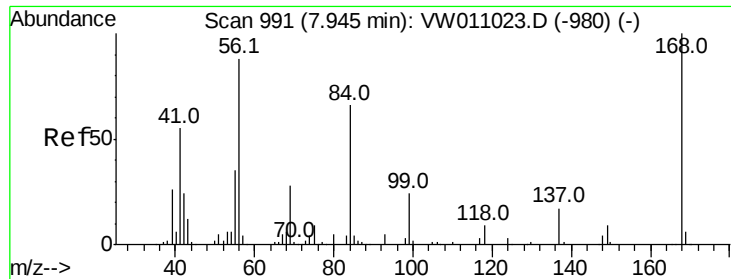
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	136954	50.573	ug/l	100
94) Hexachlorobutadiene	15.24	225	81214	48.111	ug/l	100
95) Naphthalene	15.37	128	264648	53.177	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	120943	52.197	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 185943

Ion Ratio Lower Upper

168 100

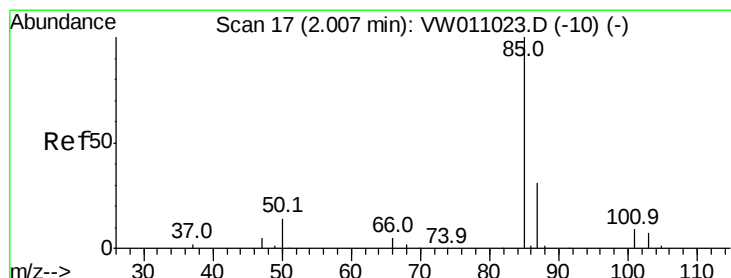
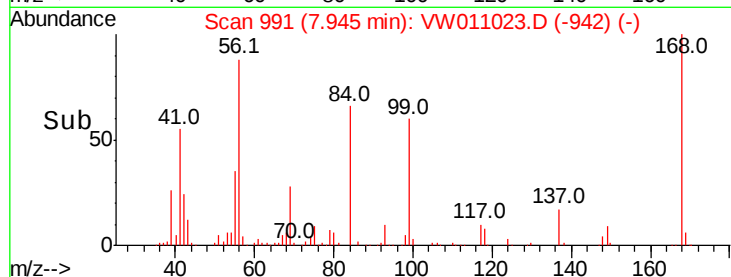
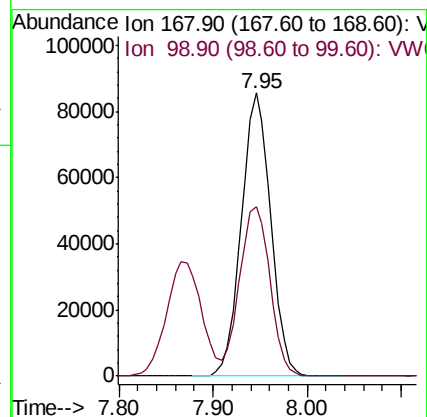
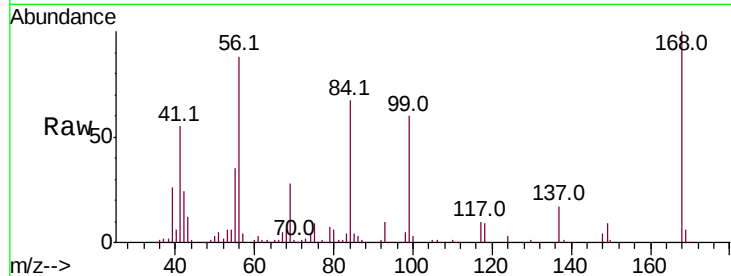
99 59.7 47.8 71.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 38.502 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011023.D

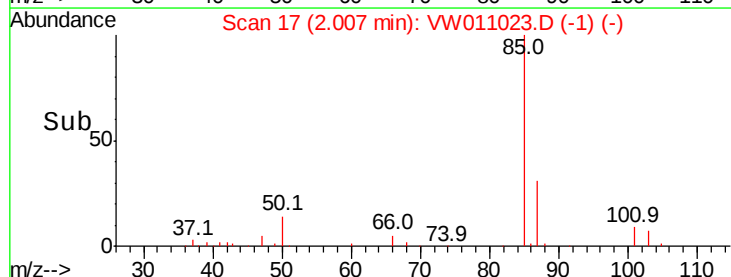
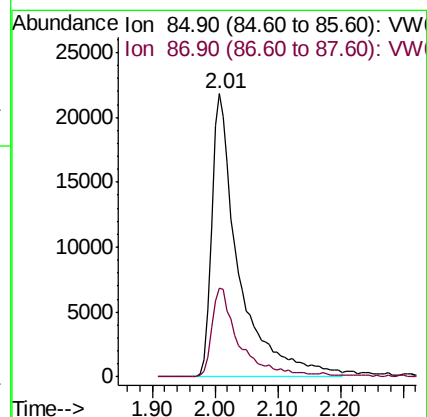
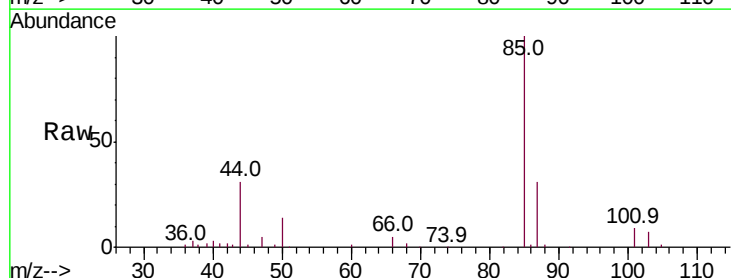
Acq: 27 Jun 2019 16:22

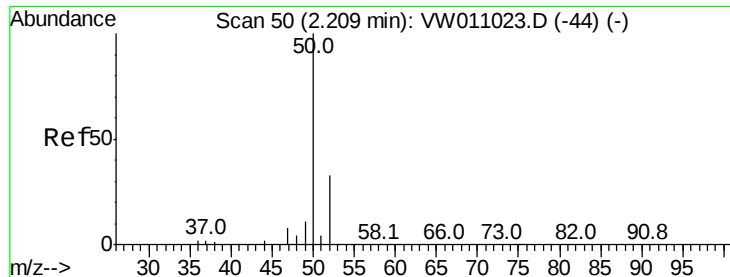
Tgt Ion: 85 Resp: 64997

Ion Ratio Lower Upper

85 100

87 31.3 15.7 47.0





#3

Chloromethane

Concen: 34.714 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 84613

Ion Ratio Lower Upper

50 100

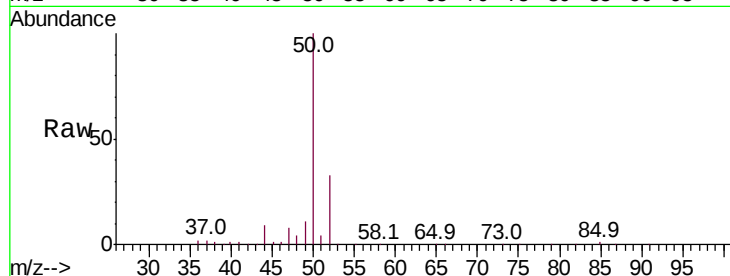
52 33.3 26.6 40.0

Manual Integrations

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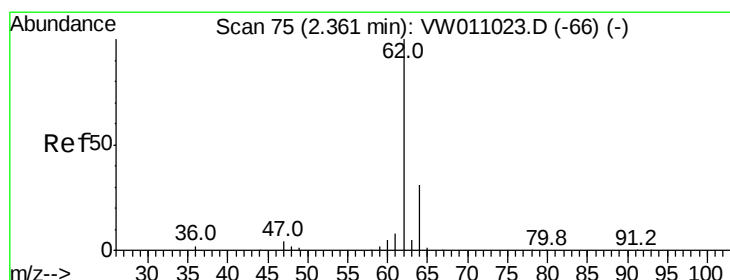
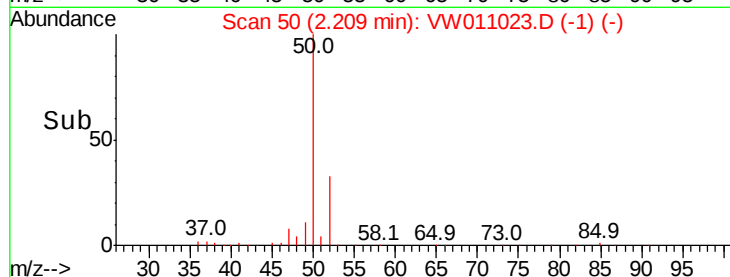
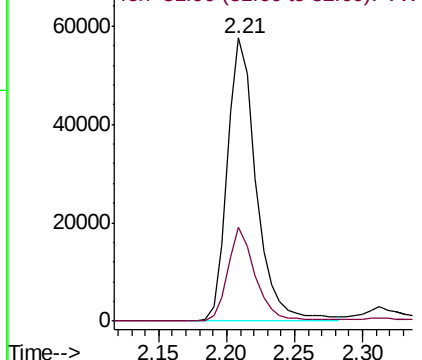
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 48.767 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011023.D

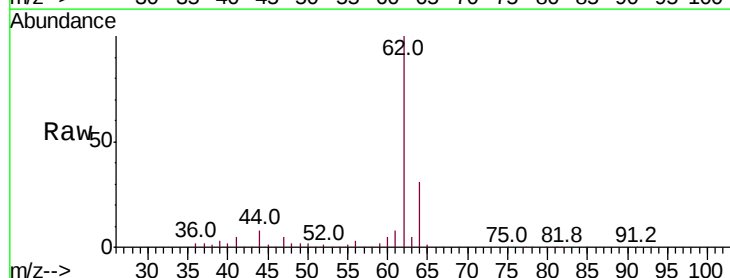
Acq: 27 Jun 2019 16:22

Tgt Ion: 62 Resp: 115569

Ion Ratio Lower Upper

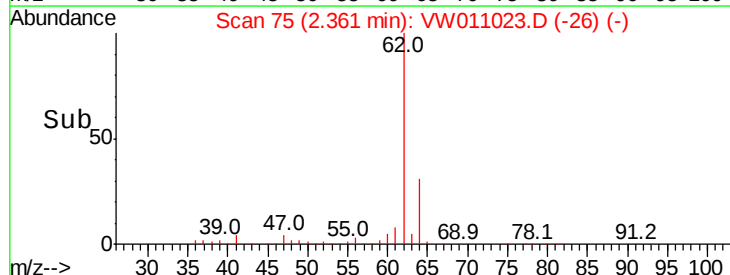
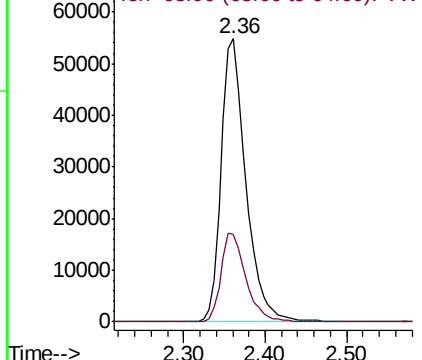
62 100

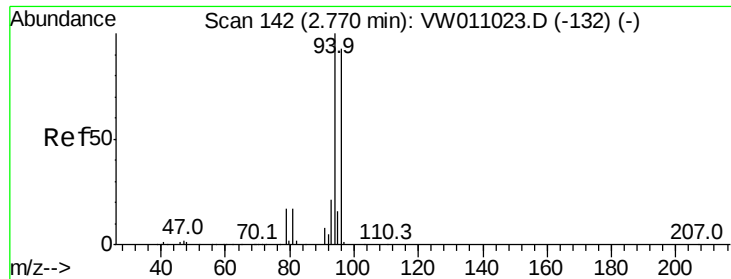
64 31.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 44.312 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 56899

Ion Ratio Lower Upper

94 100

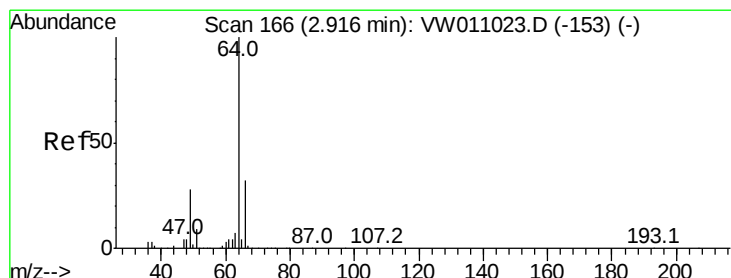
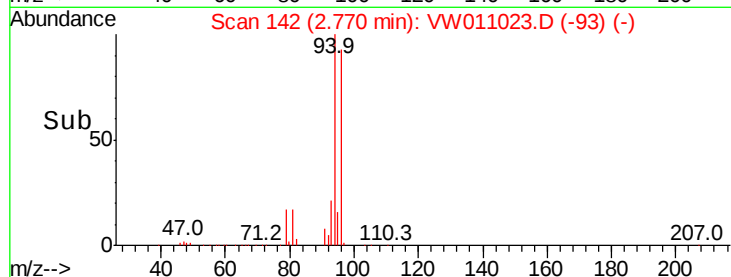
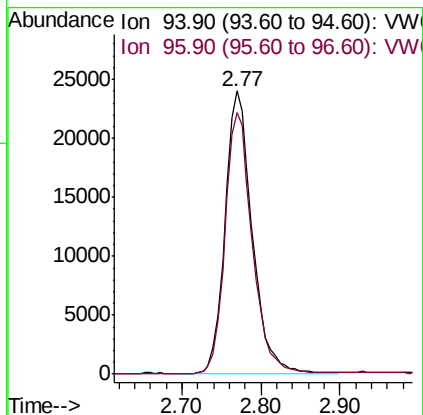
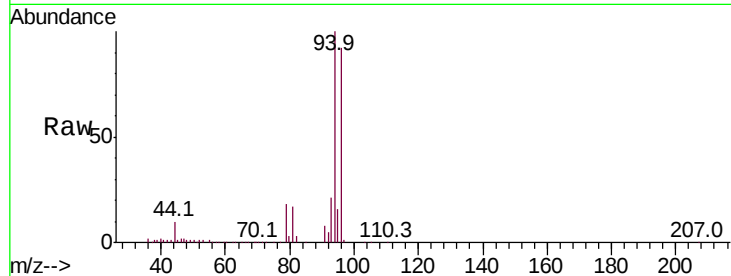
96 92.7 74.2 111.2

Manual Integrations

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6/28/2019 10:25:04 AM



#6

Chloroethane

Concen: 44.963 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011023.D

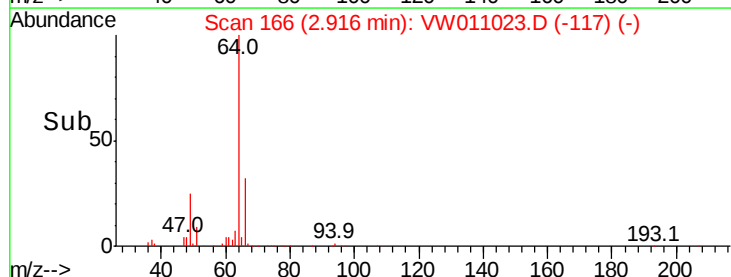
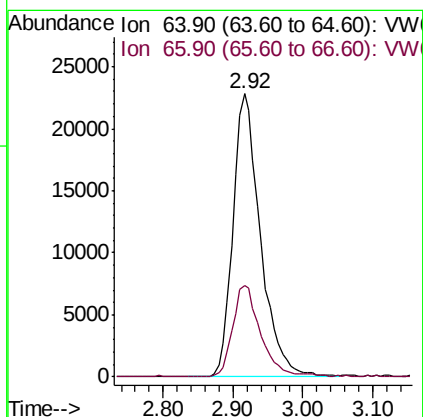
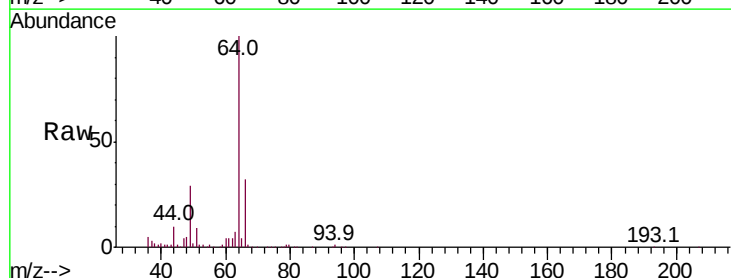
Acq: 27 Jun 2019 16:22

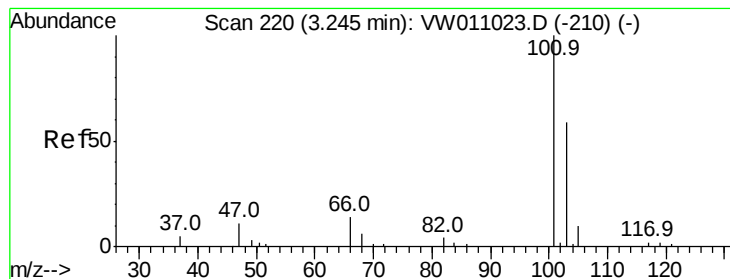
Tgt Ion: 64 Resp: 62498

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5





#7

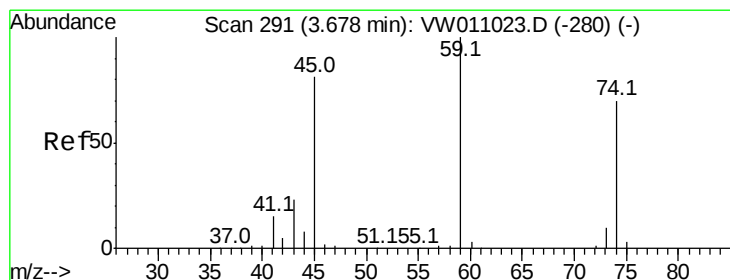
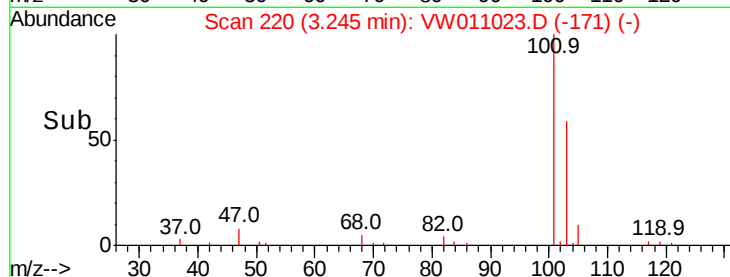
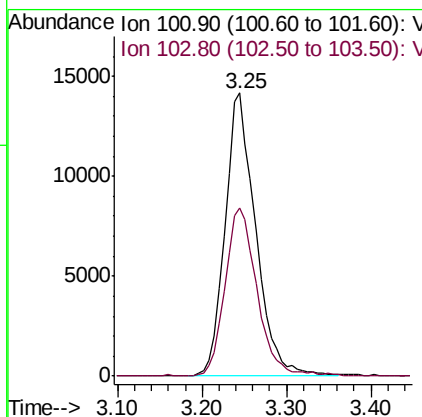
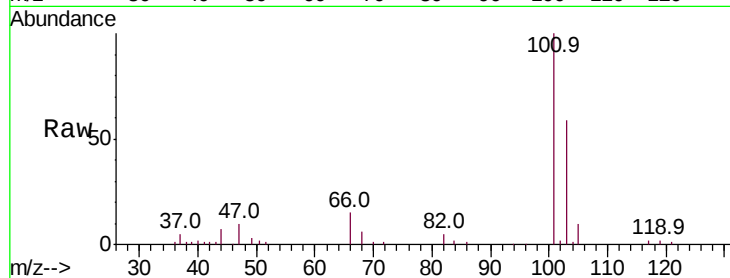
Trichlorofluoromethane
 Concen: 13.098 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

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 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.4	47.5	71.3

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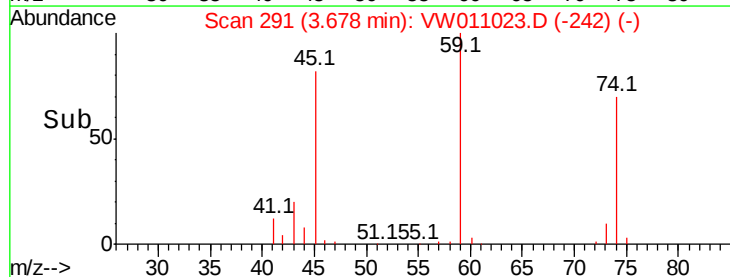
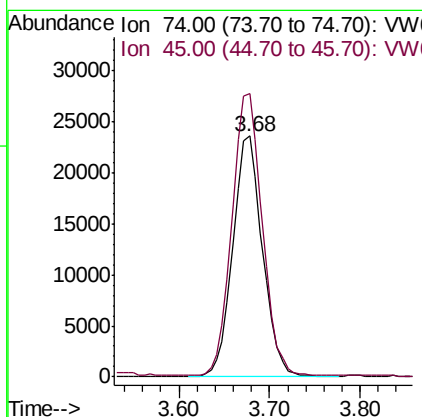
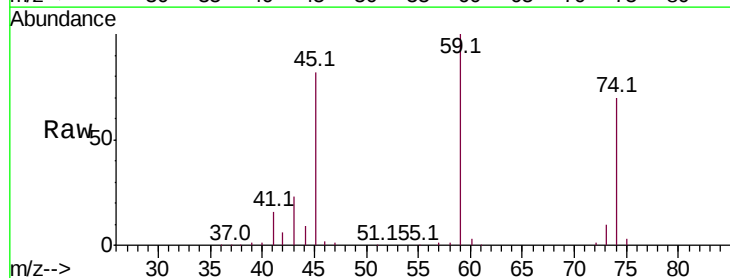
MMDadoda
 6/28/2019 10:25:04 AM

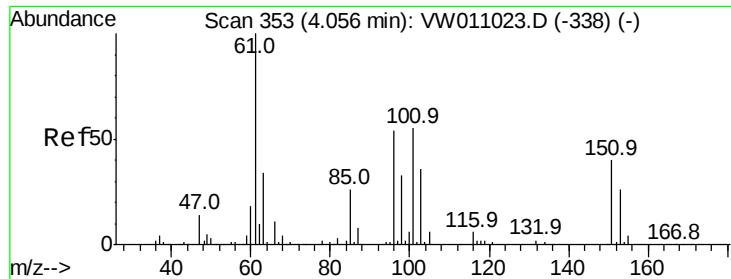


#8

Diethyl Ether
 Concen: 49.212 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	119.0	59.5	178.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.809 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

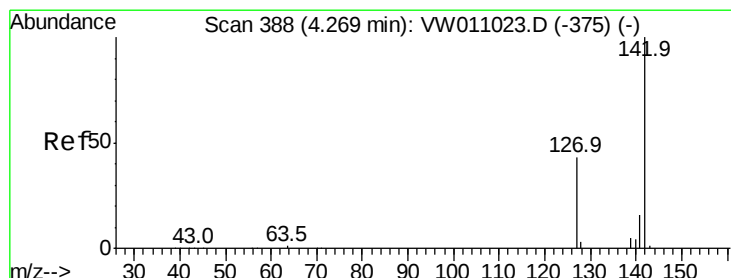
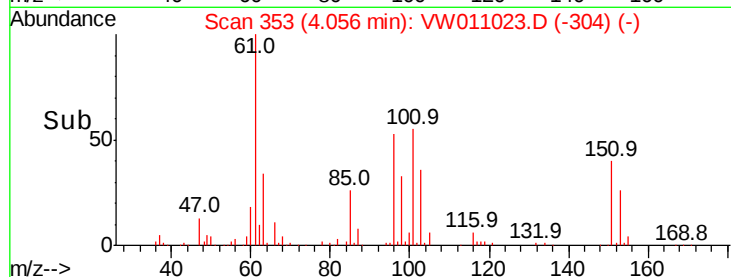
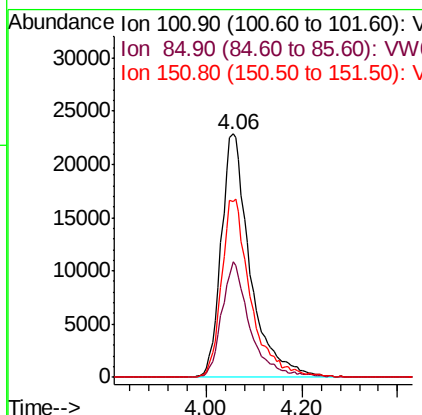
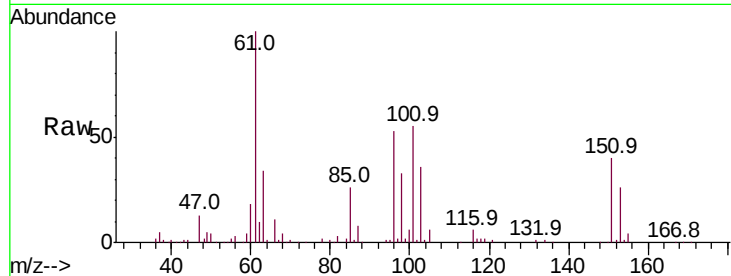
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	95900
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.6	55.0
151	73.6	58.9	88.3

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#10

Methyl Iodide

Concen: 75.362 ug/l

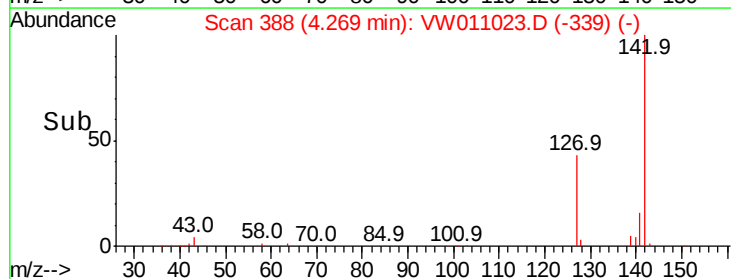
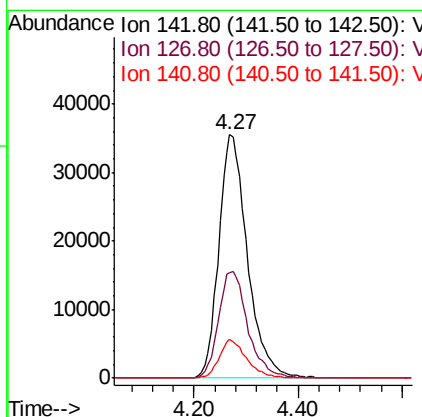
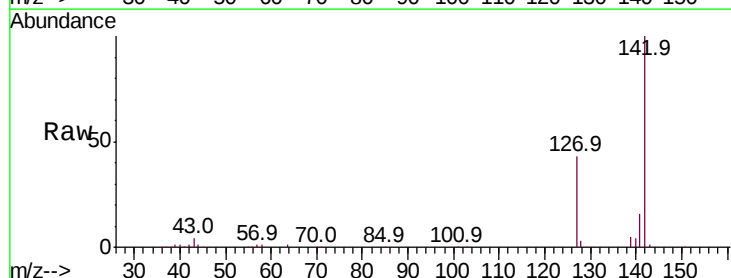
RT: 4.27 min Scan# 388

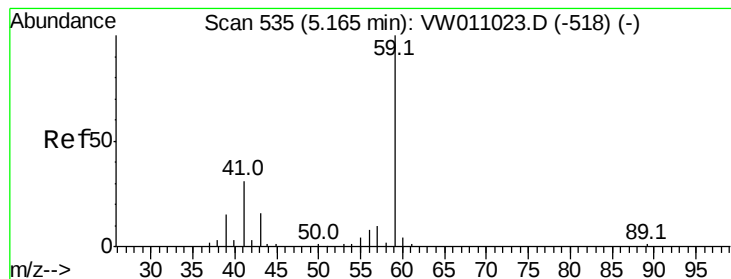
Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Tgt Ion:	142	Resp:	136448
Ion Ratio	Lower	Upper	
142	100		
127	44.8	35.8	53.8
141	15.2	12.2	18.2





#11

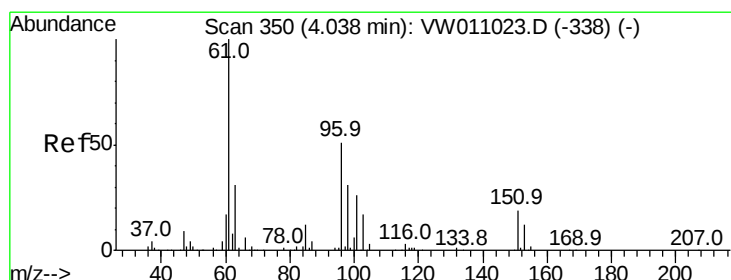
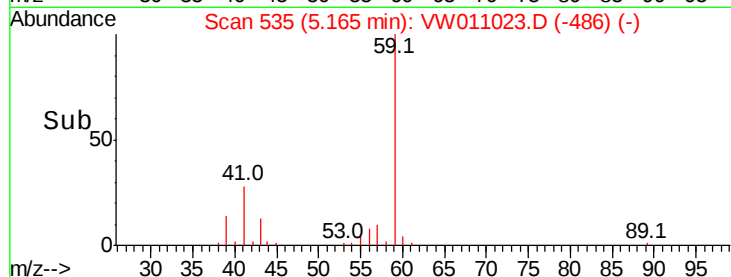
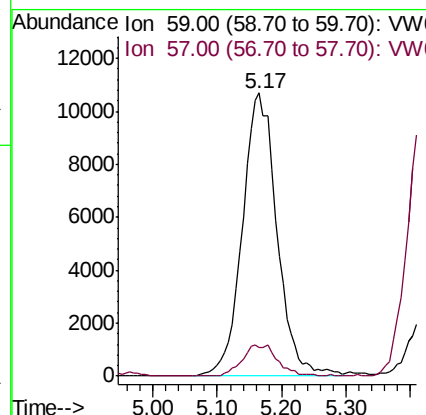
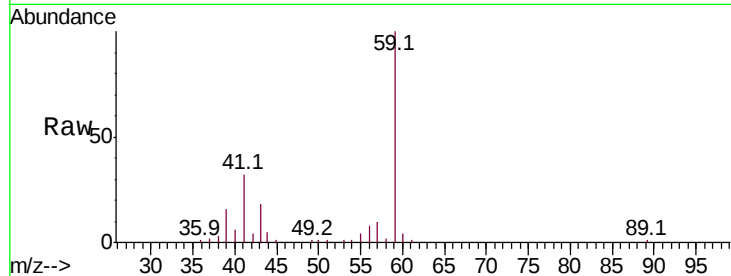
Tert butyl alcohol
 Concen: 221.849 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	59	Resp	39554
Ion Ratio	100	Lower	Upper
57	11.2	9.0	13.4

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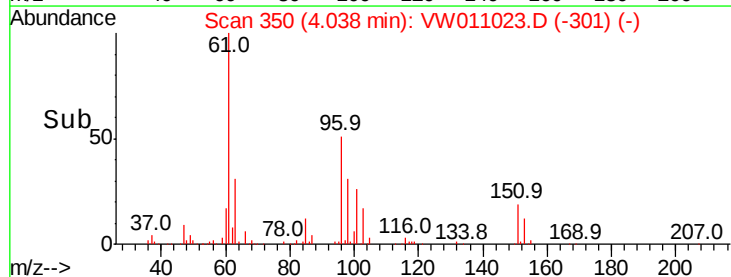
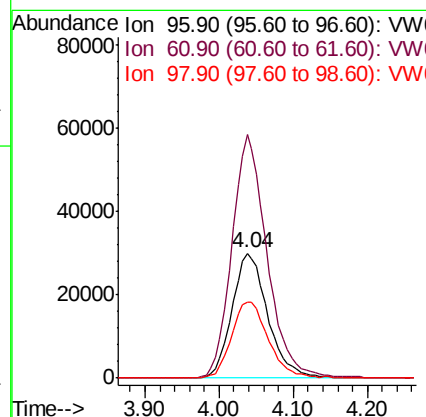
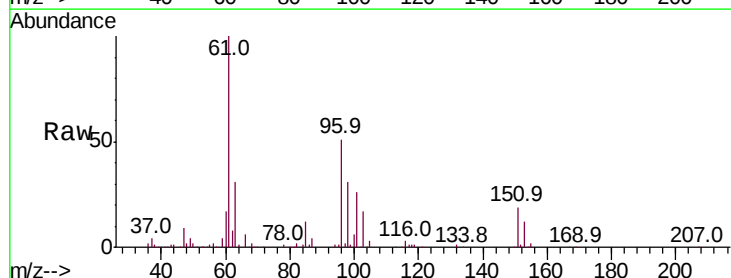
MMDadoda
 6/28/2019 10:25:04 AM

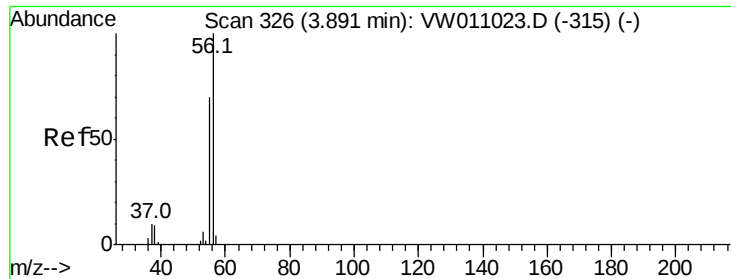


#12

1,1-Dichloroethene
 Concen: 54.428 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion	96	Resp	100788
Ion Ratio	100	Lower	Upper
61	195.0	156.0	234.0
98	60.9	48.7	73.1





#13

Acrolein

Concen: 436.696 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 37290

Ion Ratio Lower Upper

56 100

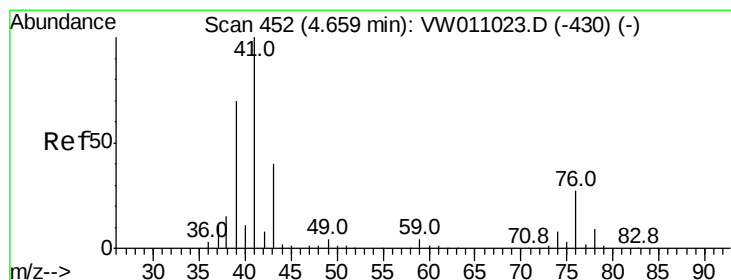
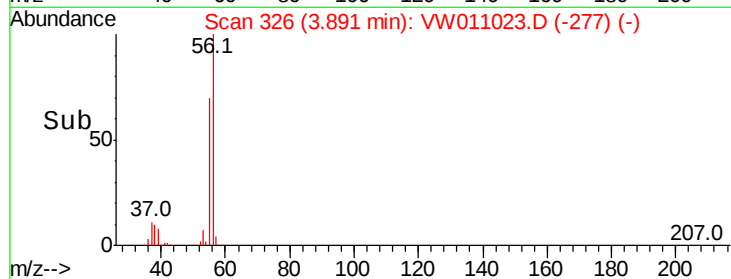
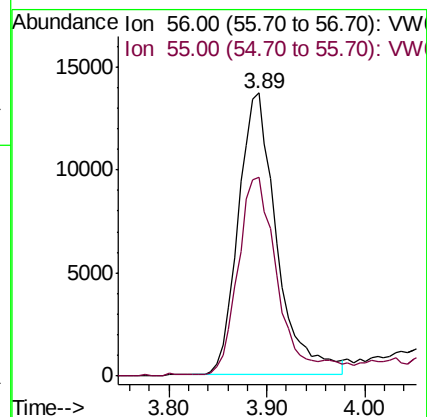
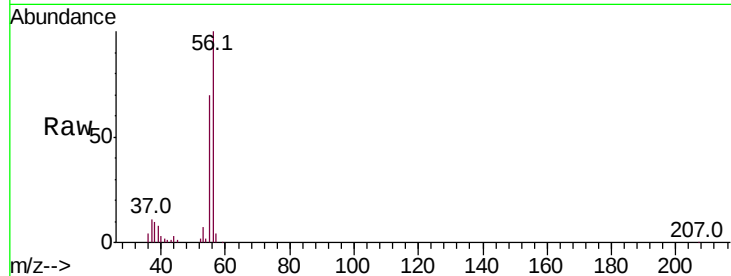
55 69.6 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 42.673 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

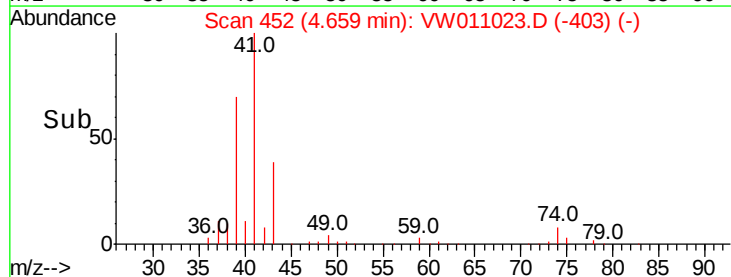
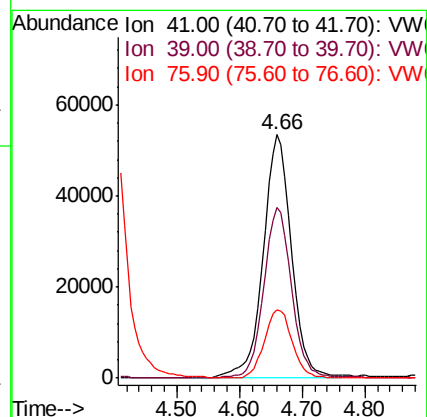
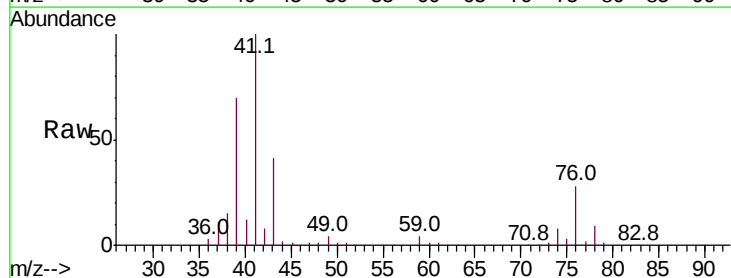
Tgt Ion: 41 Resp: 165743

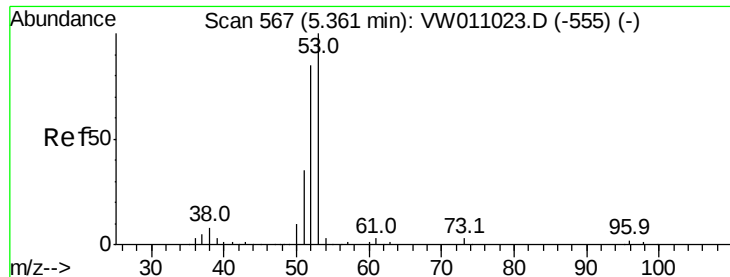
Ion Ratio Lower Upper

41 100

39 69.3 55.4 83.2

76 27.5 22.0 33.0





#15

Acrylonitrile

Concen: 255.340 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

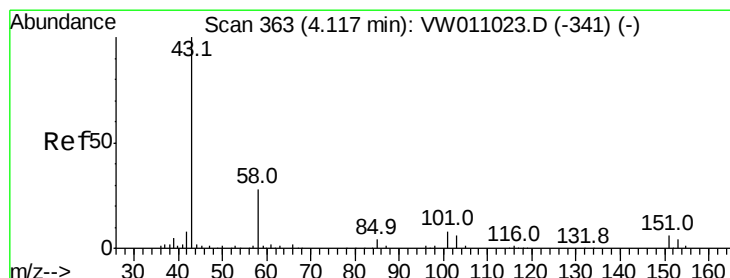
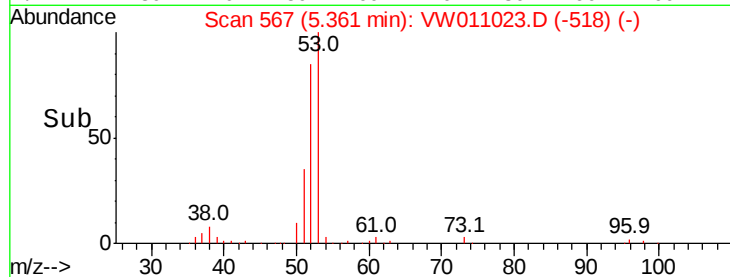
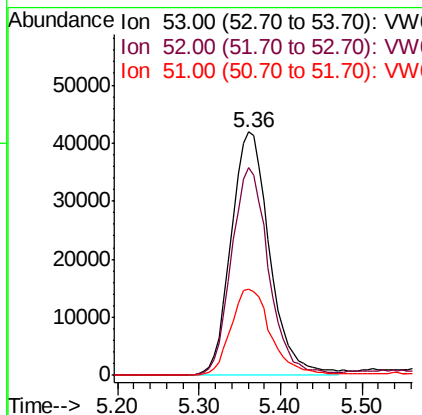
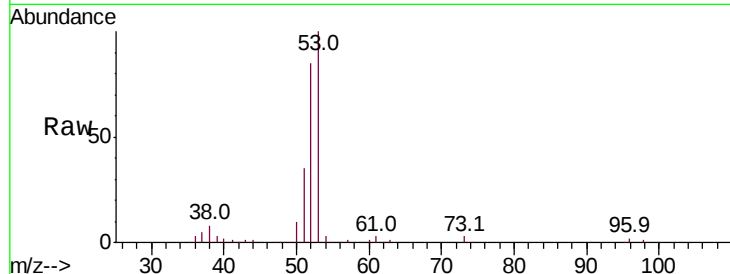
ClientSampled :

VSTDICCC050

Tot Ion:	53	Resp:	137303
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.3	99.5
51	37.2	29.8	44.6

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#16

Acetone

Concen: 250.528 ug/l

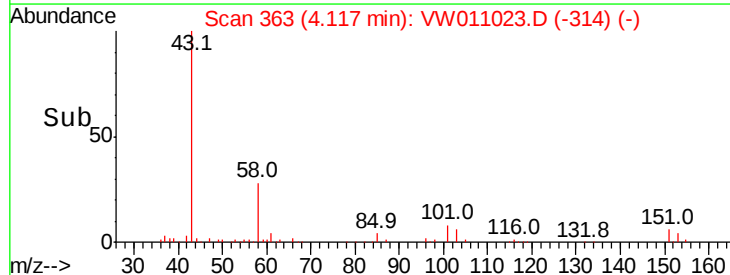
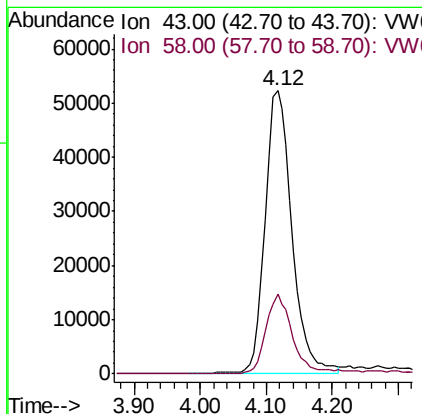
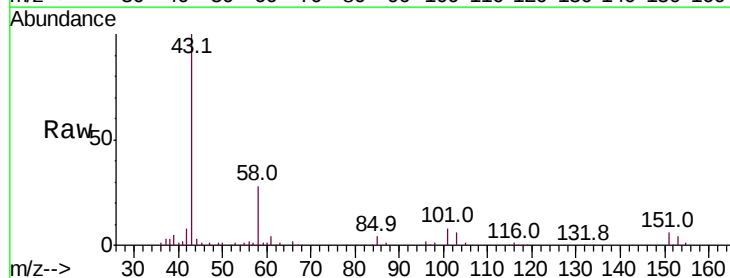
RT: 4.12 min Scan# 363

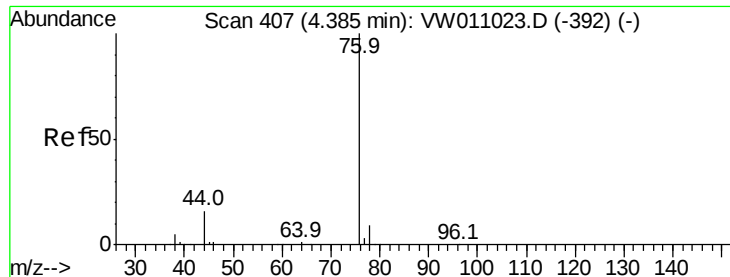
Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Tgt Ion:	43	Resp:	147417
Ion Ratio	Lower	Upper	
43	100		
58	28.1	22.5	33.7





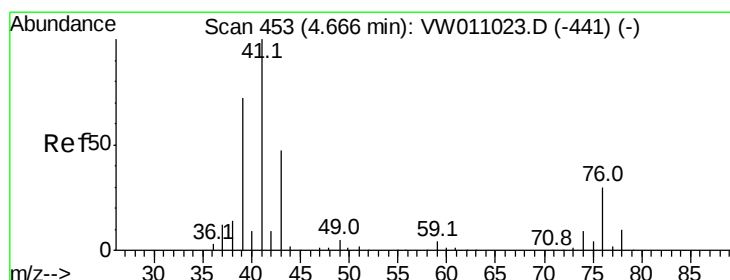
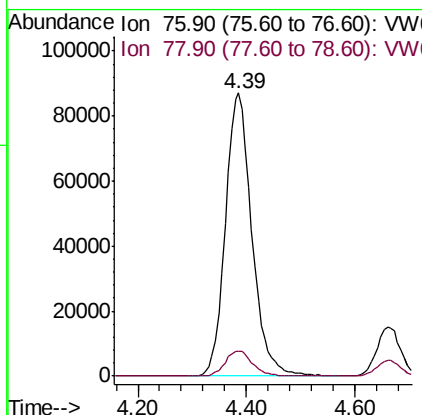
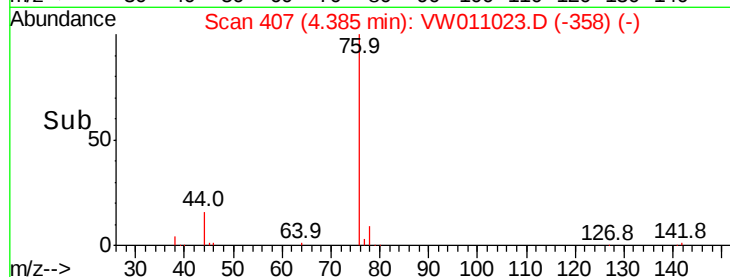
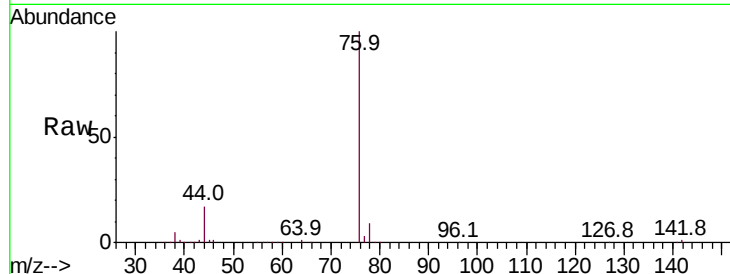
#17
Carbon Disulfide
Concen: 50.711 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 76 Resp: 294468
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

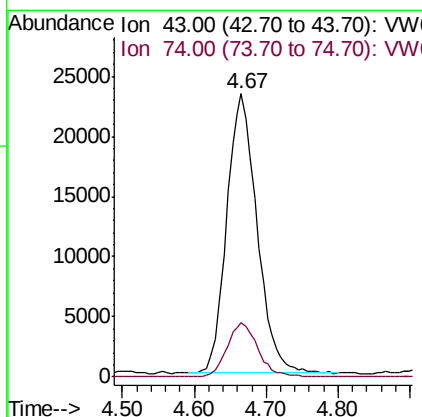
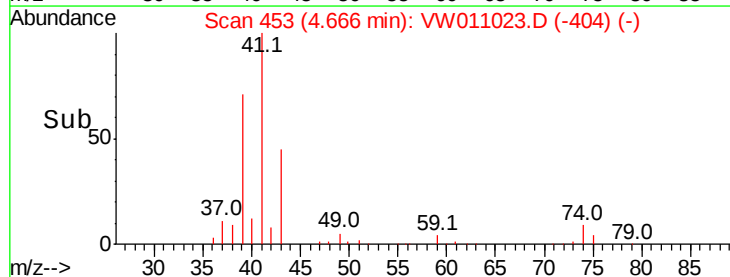
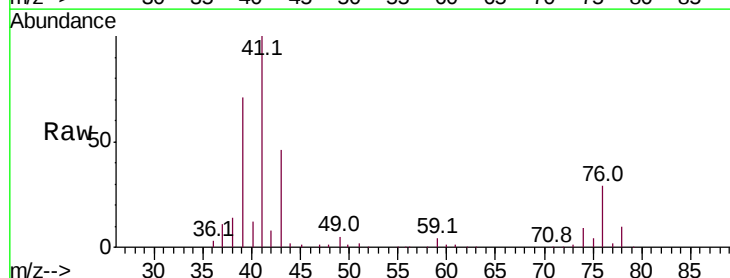
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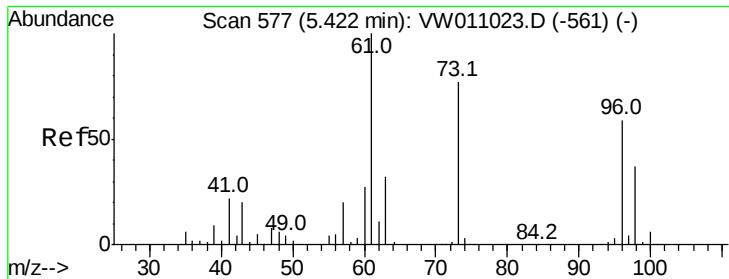
MMDadoda
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#18
Methyl Acetate
Concen: 51.890 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion: 43 Resp: 67699
Ion Ratio Lower Upper
43 100
74 19.8 15.8 23.8





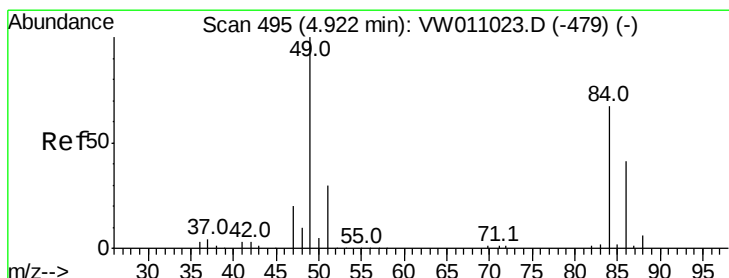
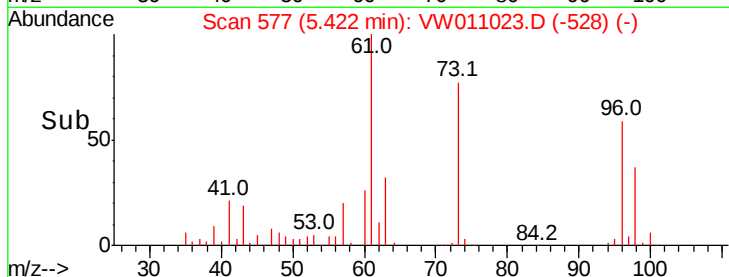
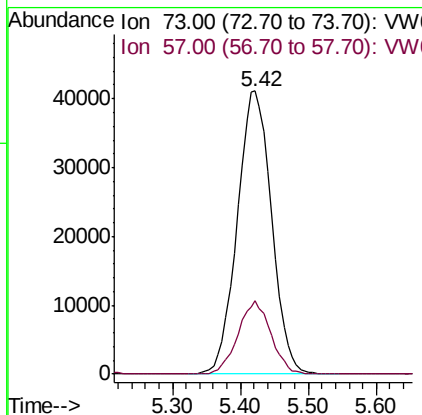
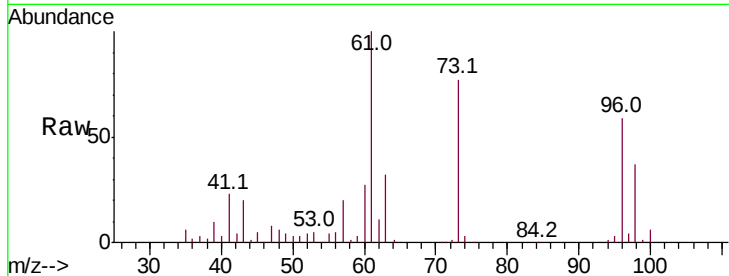
#19
Methvl tert-butvl Ether
Concen: 29.742 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 144288
Ion Ratio Lower Upper
73 100
57 26.0 20.8 31.2

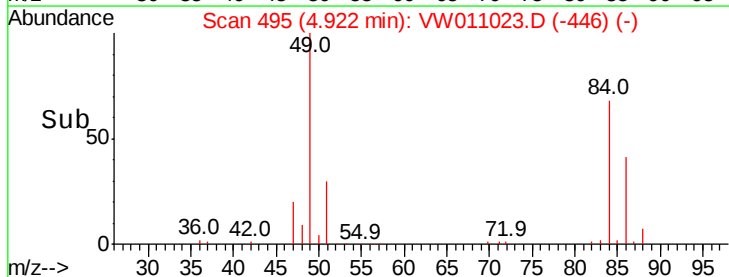
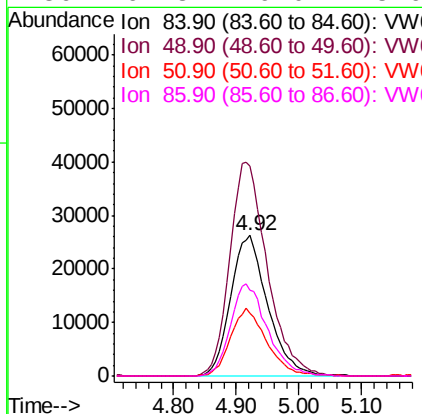
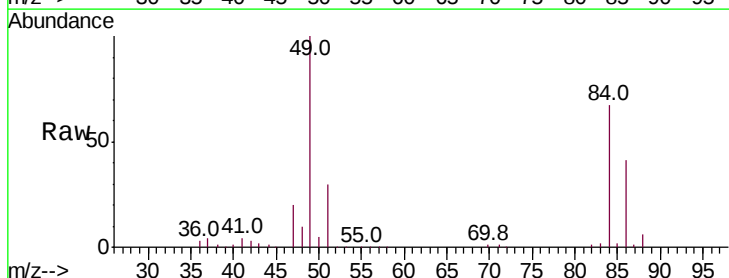
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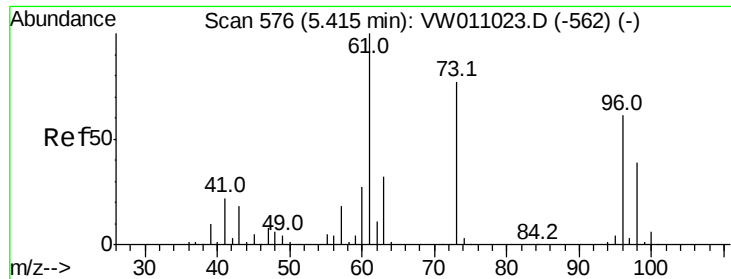
MMDadoda
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#20
Methylene Chloride
Concen: 51.022 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion: 84 Resp: 107361
Ion Ratio Lower Upper
84 100
49 149.5 119.6 179.4
51 44.5 35.6 53.4
86 61.3 49.0 73.6





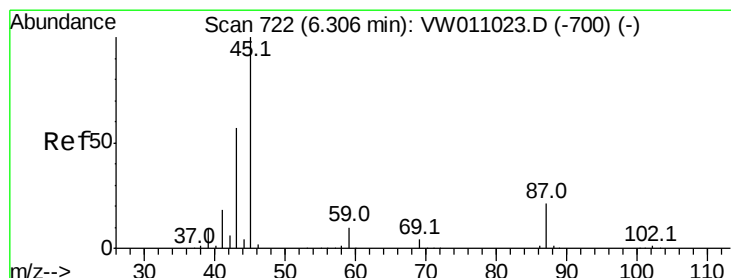
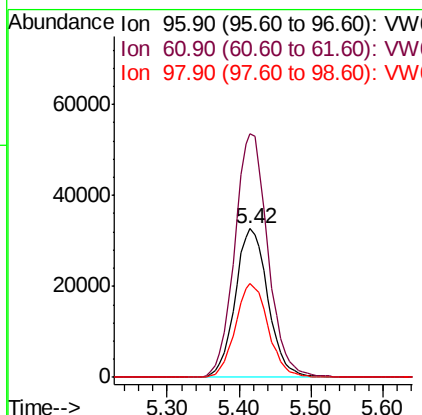
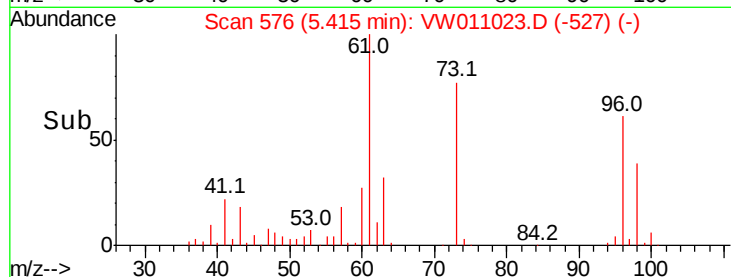
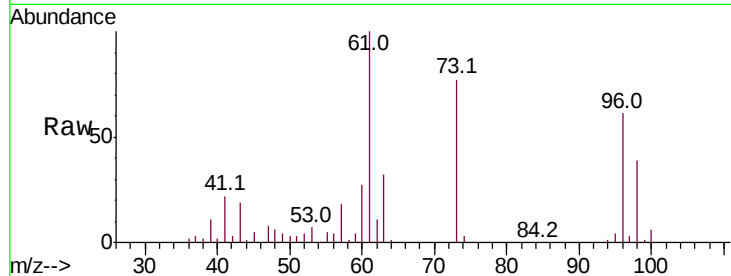
#21
trans-1,2-Dichloroethene
Concen: 50.229 ug/l
RT: 5.42 min Scan# 576
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.7	131.0	196.4
98	63.5	50.8	76.2

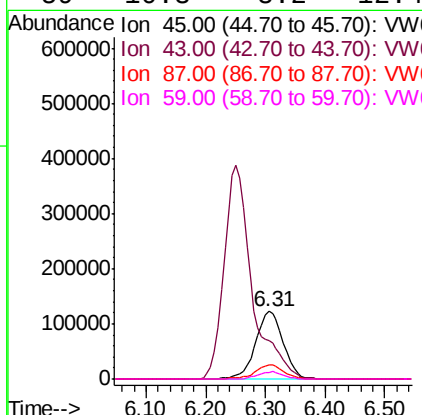
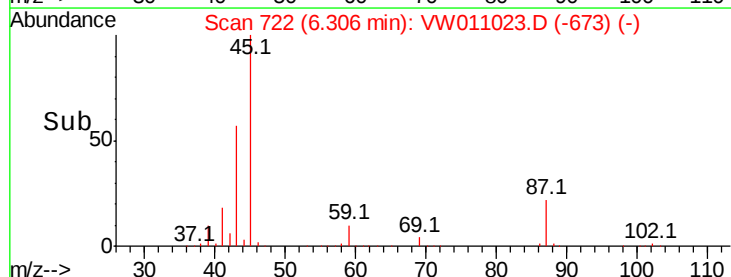
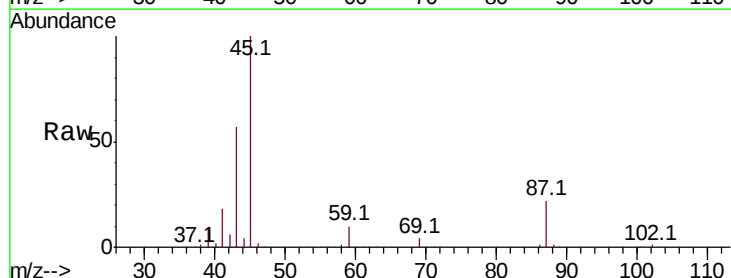
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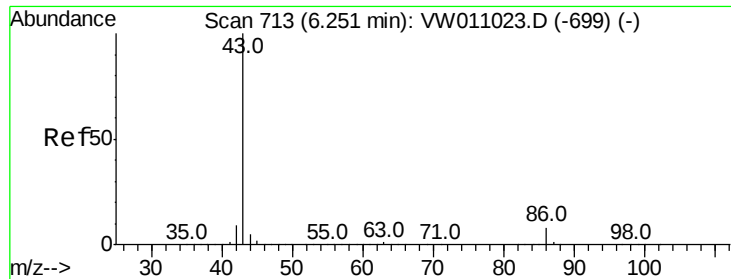
MMDadoda
6/28/2019 10:25:04 AM



#22
Diisopropyl ether
Concen: 49.519 ug/l
RT: 6.31 min Scan# 722
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.2	45.8	68.6
87	21.4	17.1	25.7
59	10.3	8.2	12.4





#23

Vinyl Acetate

Concen: 259.474 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1260754

Ion Ratio Lower Upper

43 100

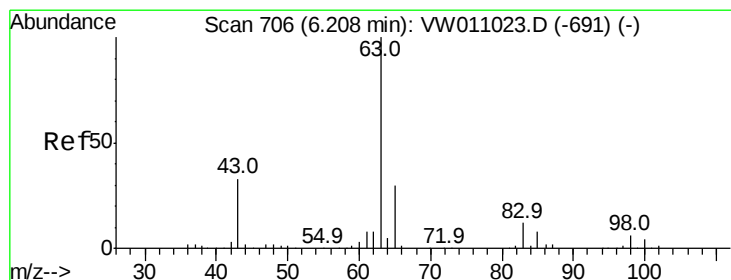
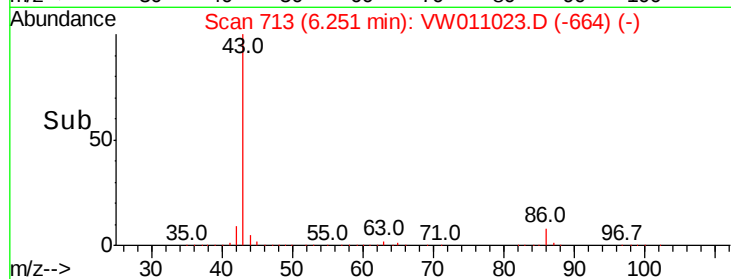
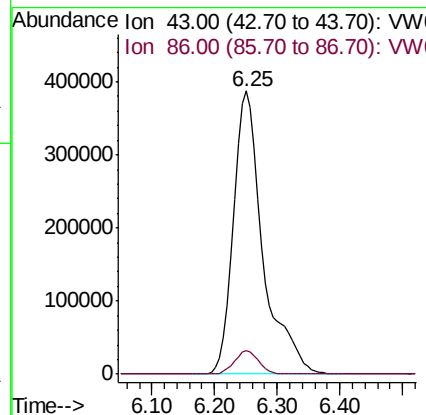
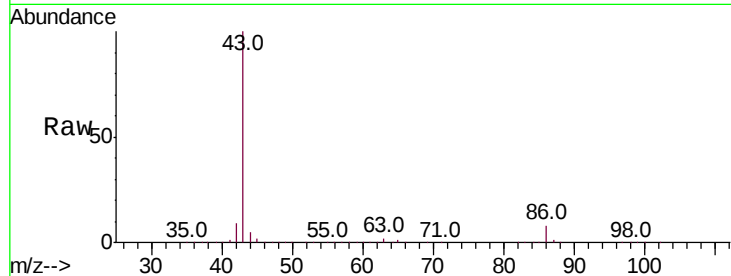
86 8.3 6.6 10.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.058 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

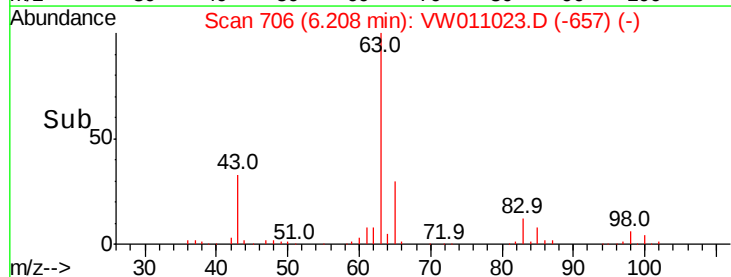
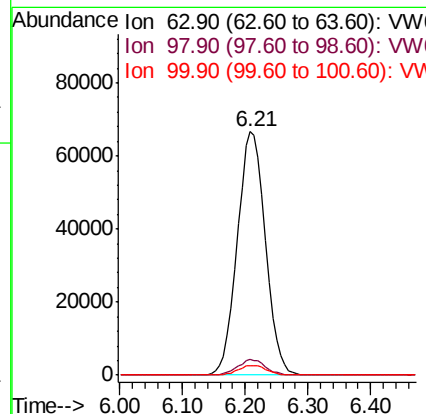
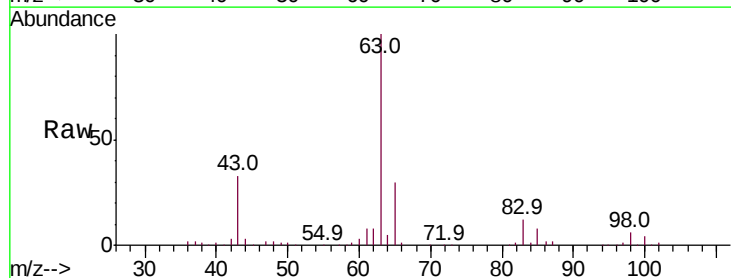
Tgt Ion: 63 Resp: 206160

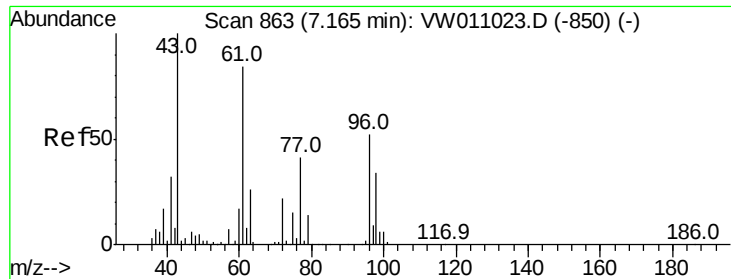
Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

100 4.1 2.1 6.2





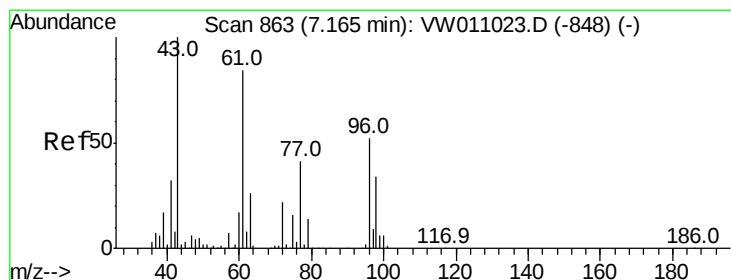
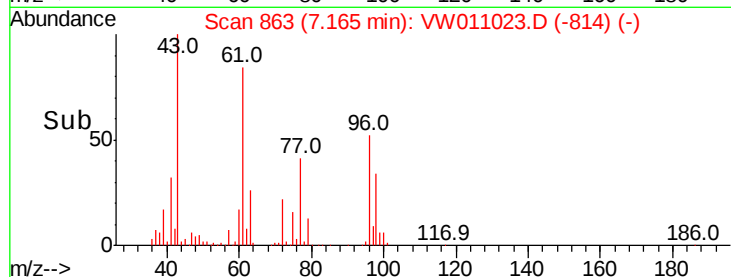
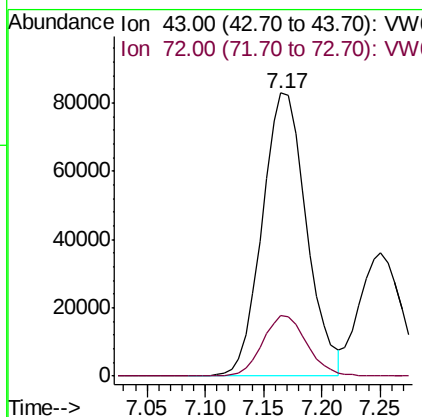
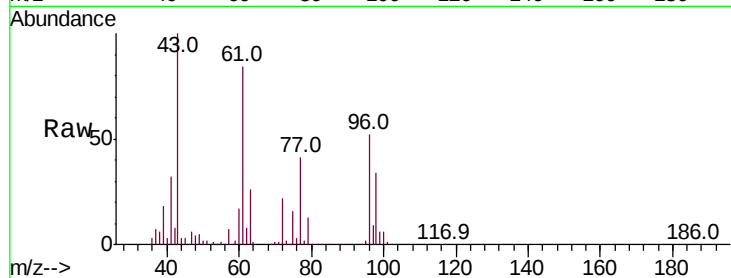
#25
2-Butanone
Concen: 263.121 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 217974
Ion Ratio Lower Upper
43 100
72 21.5 17.2 25.8

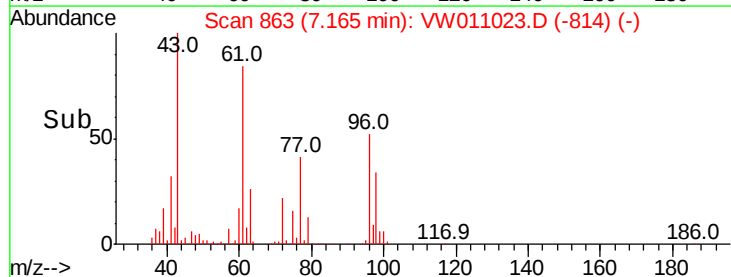
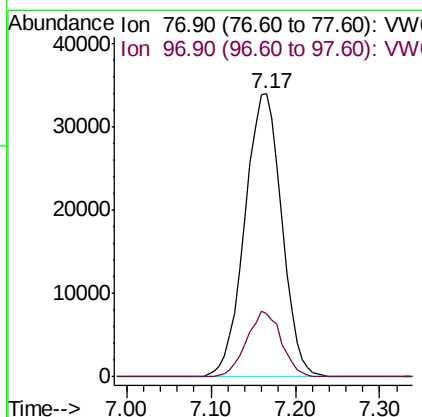
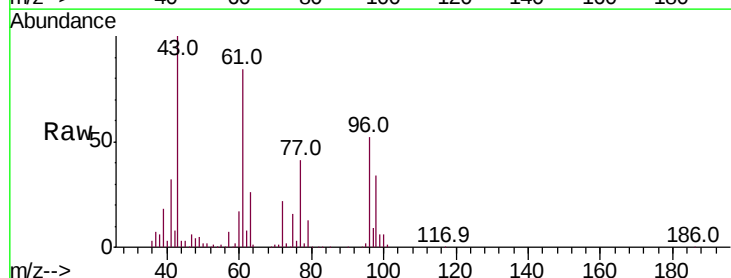
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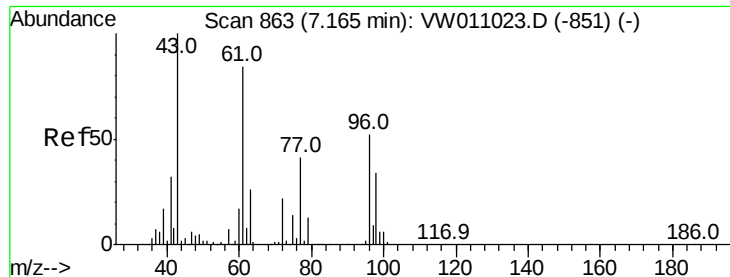
MMDadoda
6/28/2019 10:25:04 AM



#26
2,2-Dichloropropane
Concen: 33.234 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion: 77 Resp: 101797
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.7





#27

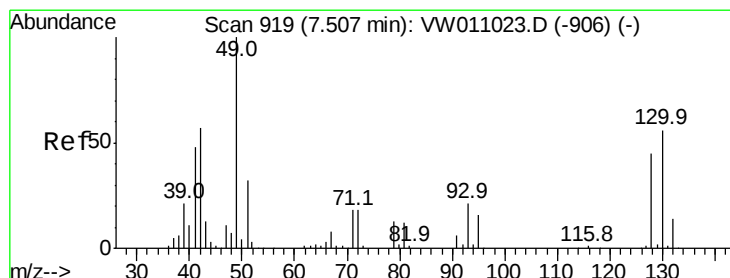
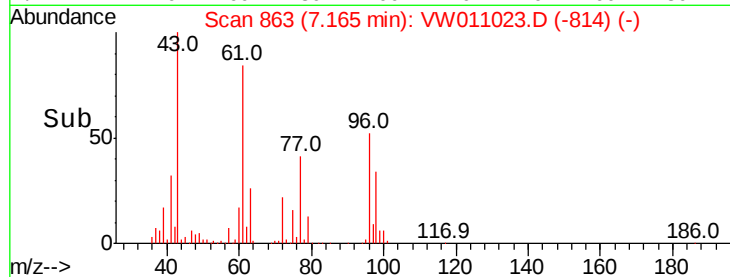
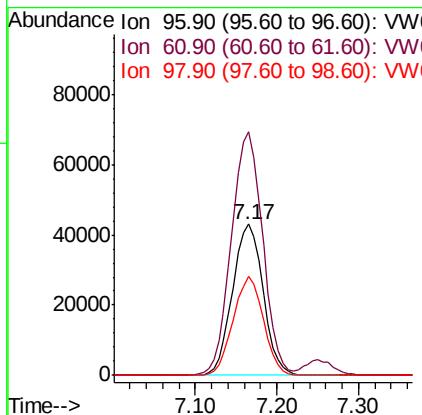
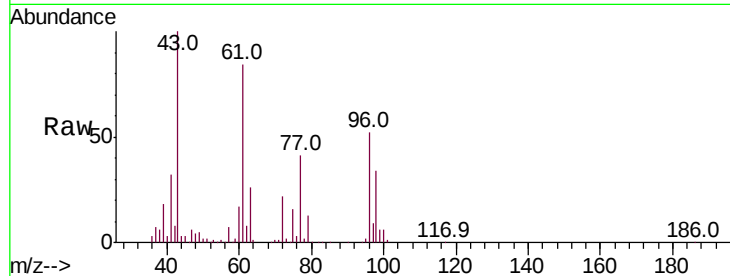
cis-1,2-Dichloroethene
Concen: 49.325 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	165.2	0.0	330.4	
98	64.7	0.0	129.4	

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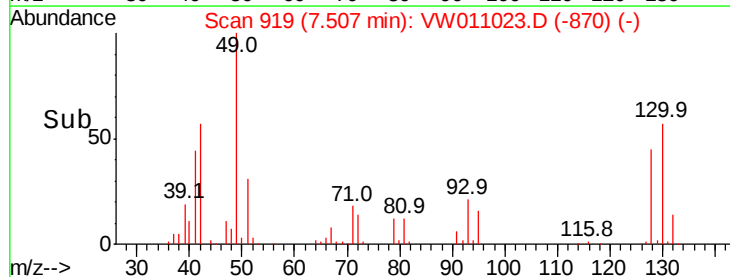
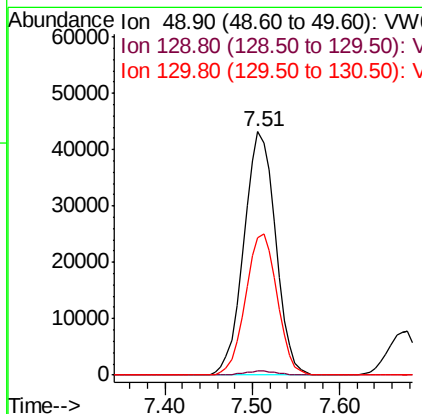
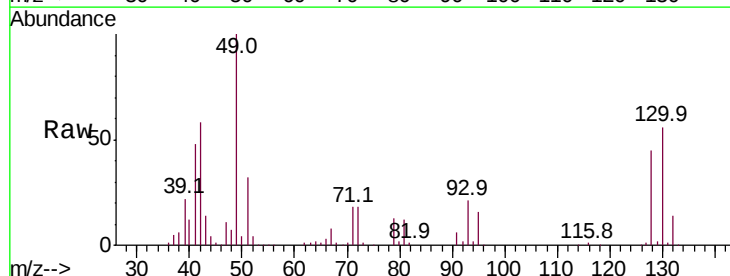
MMDadoda
6/28/2019 10:25:04 AM

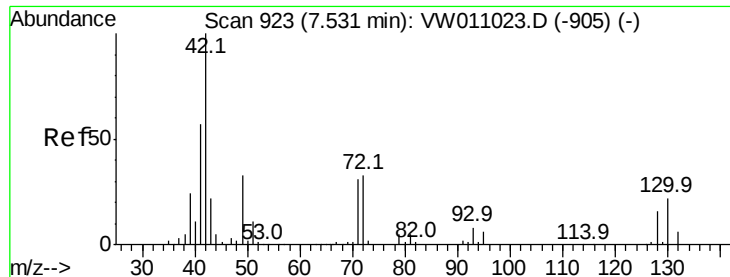


#28

Bromochloromethane
Concen: 58.950 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.7	0.0	3.4	
130	57.6	46.1	69.1	





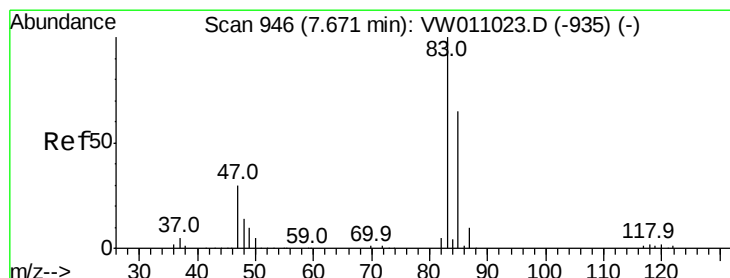
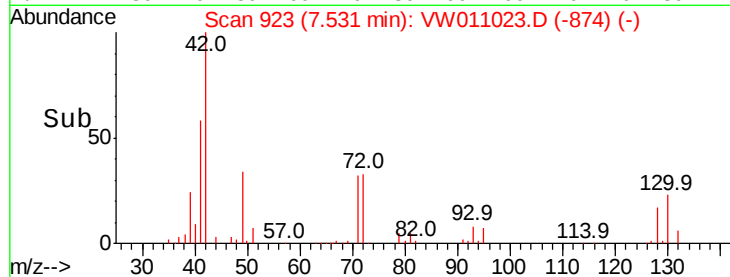
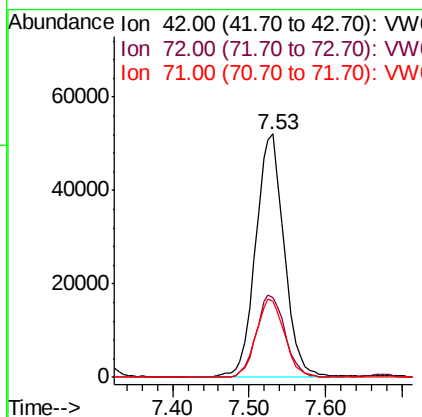
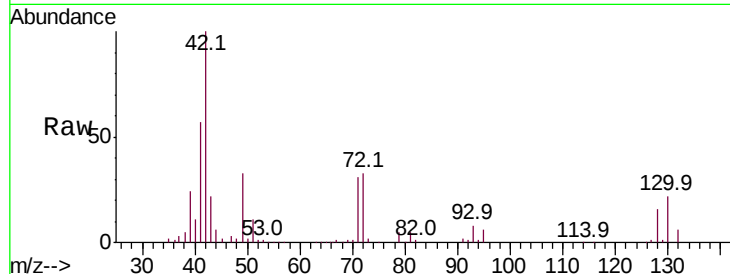
#29
Tetrahydrofuran
Concen: 258.295 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:	42	Resp:	135576
Ion Ratio		Lower	Upper
42	100		
72	34.2	27.4	41.0
71	32.0	25.6	38.4

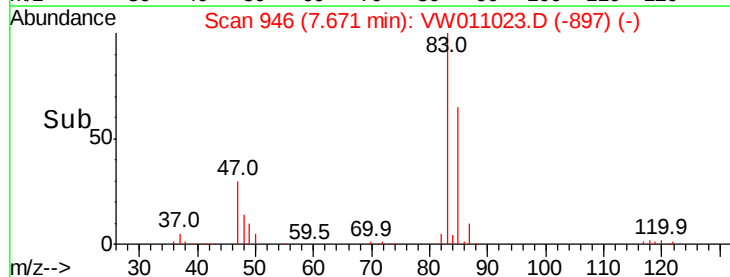
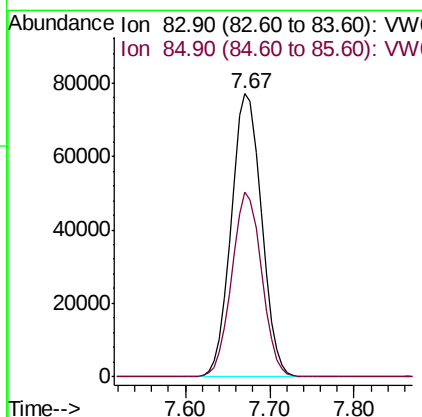
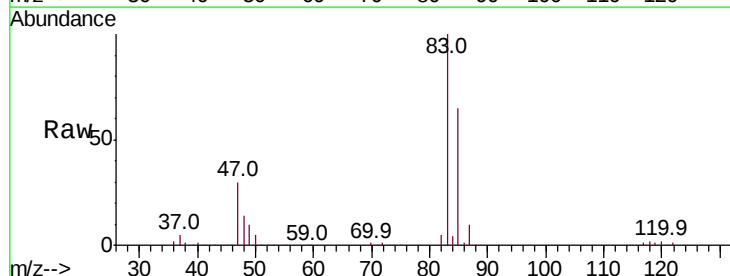
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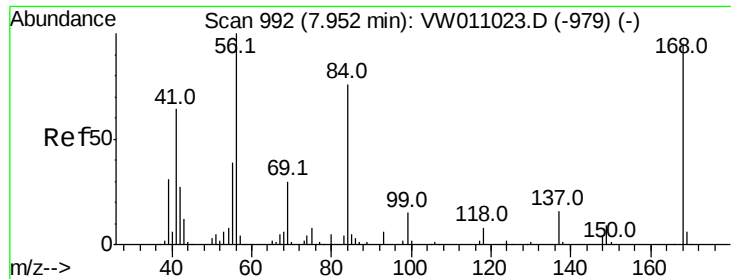
MMDadoda
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#30
Chloroform
Concen: 50.886 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion:	83	Resp:	187828
Ion Ratio		Lower	Upper
83	100		
85	65.3	52.2	78.4





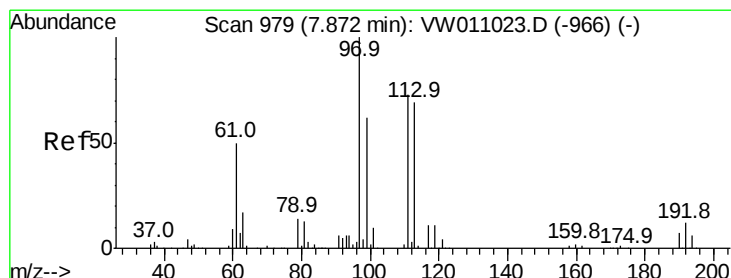
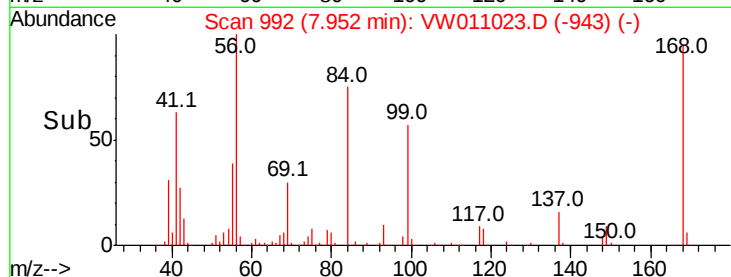
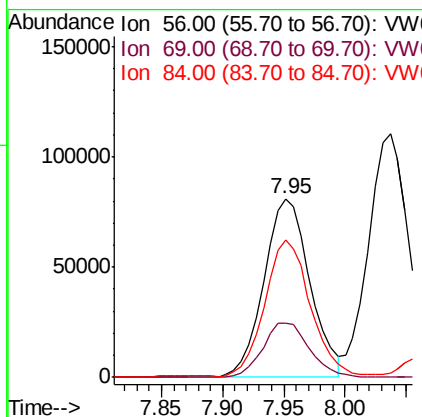
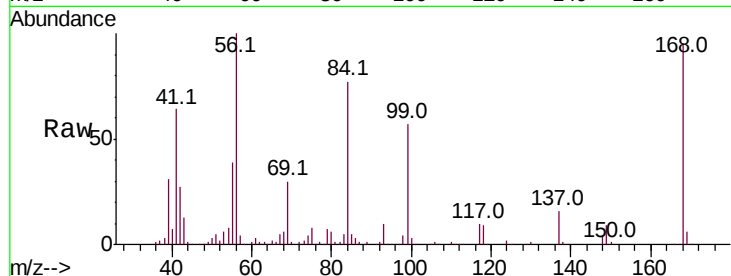
#31
Cyclohexane
Concen: 47.554 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.2	36.2
84	75.7	60.6	90.8

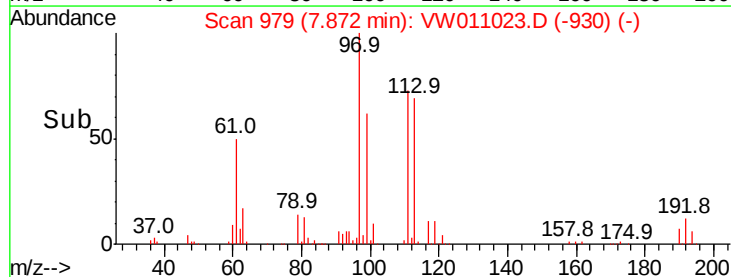
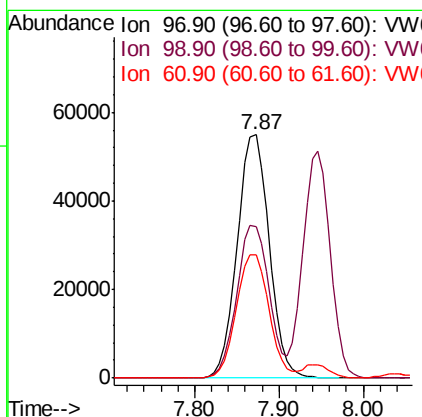
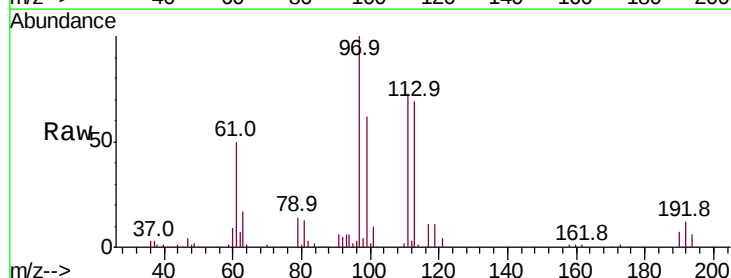
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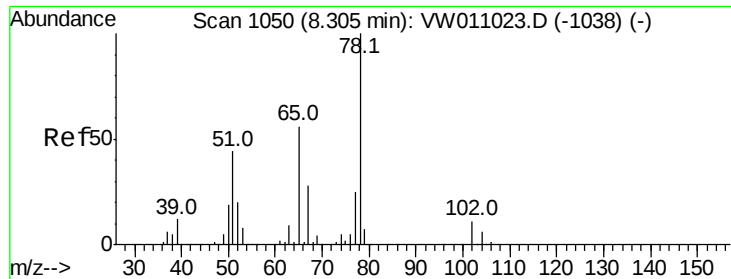
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6/28/2019 10:25:04 AM



#32
1,1,1-Trichloroethane
Concen: 45.000 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	51.8	41.4	62.2





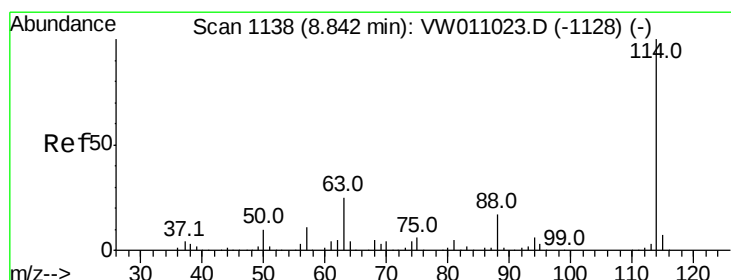
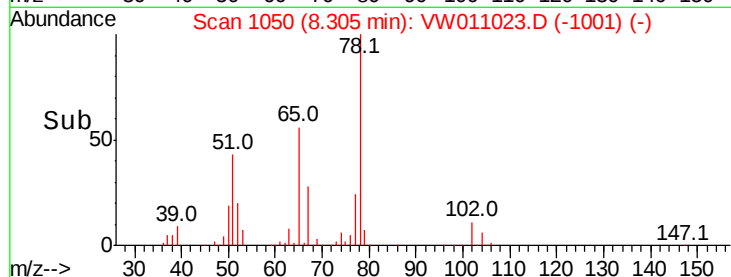
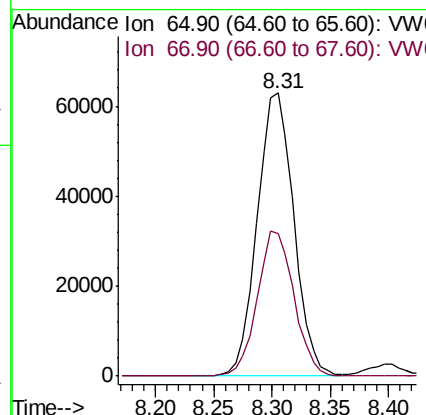
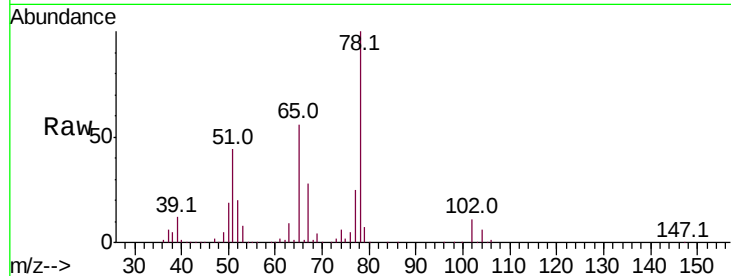
#33
 1,2-Dichloroethane-d4
 Concen: 60.379 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.2	0.0		102.4

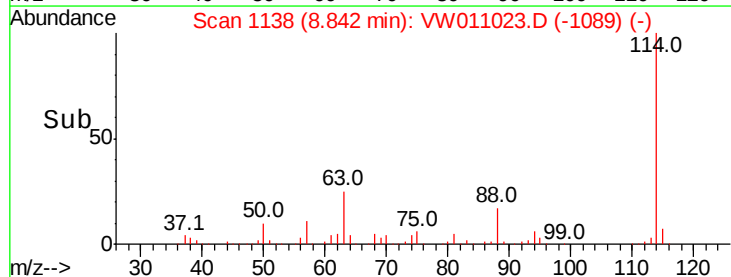
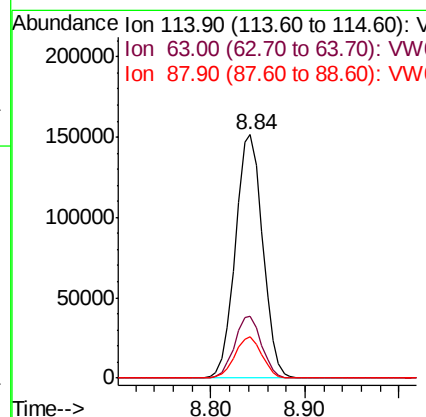
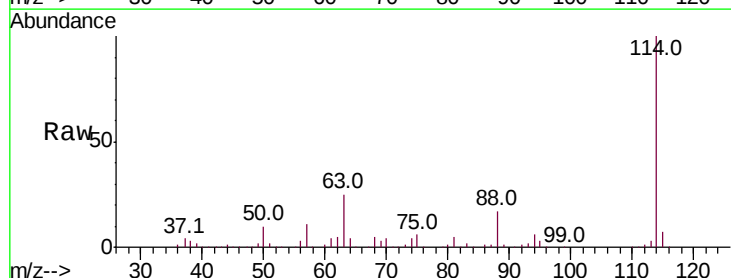
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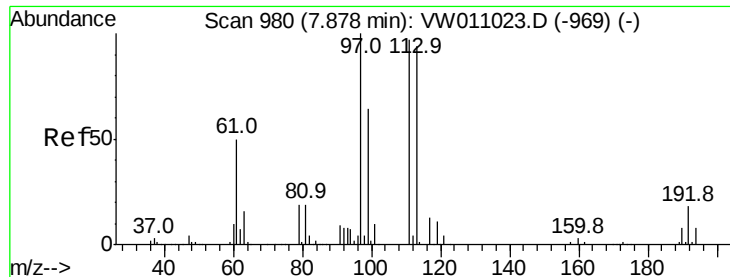
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 6/28/2019 10:25:04 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	25.3	0.0		50.6
88	17.0	0.0		34.0





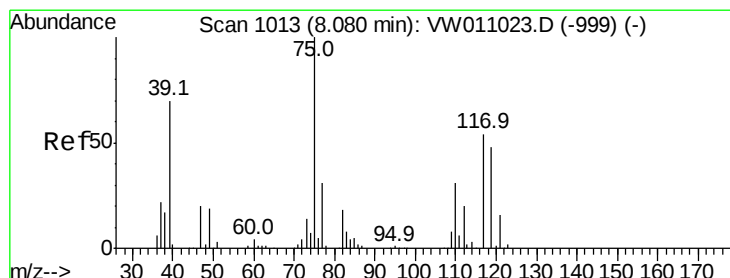
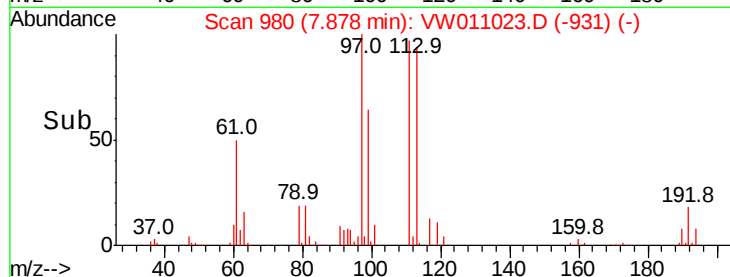
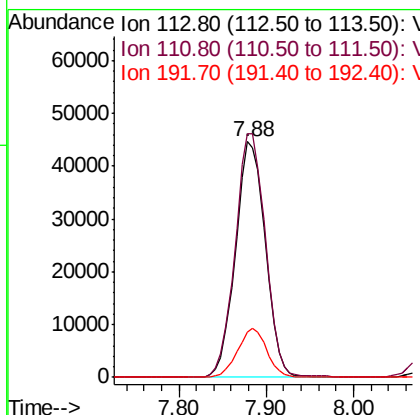
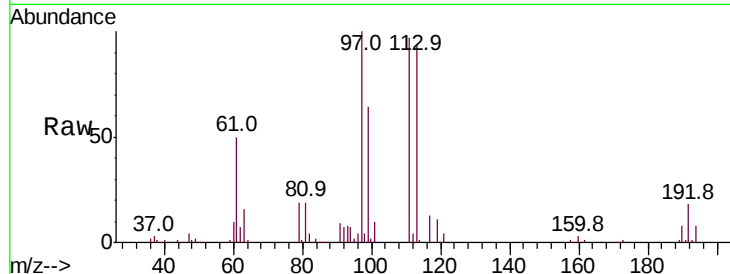
#35
 Dibromofluoromethane
 Concen: 61.656 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106182		
111	104.7	83.8	125.6	
192	20.0	16.0	24.0	

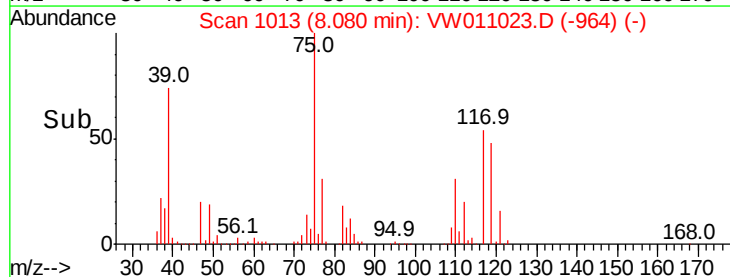
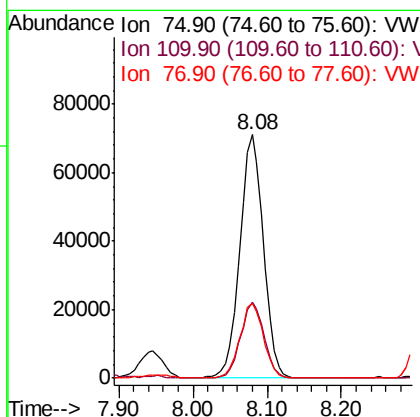
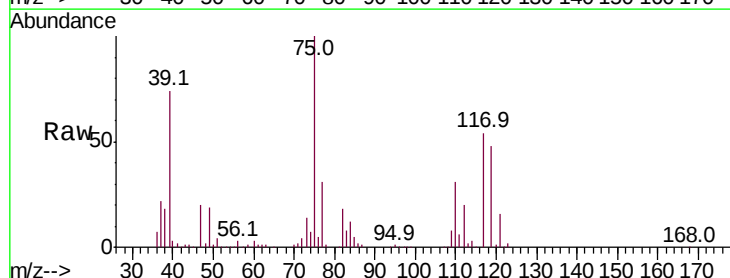
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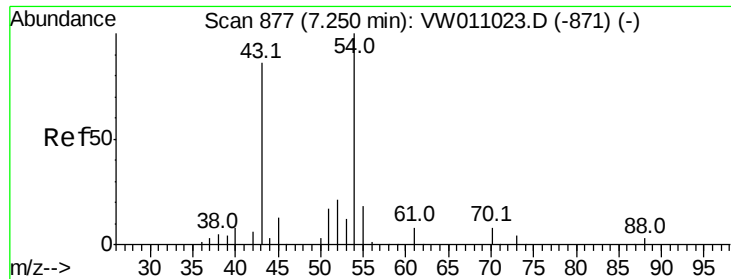
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 6/28/2019 10:25:04 AM



#36
 1,1-Dichloropropene
 Concen: 50.127 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	158139		
110	31.0	15.5	46.5	
77	31.1	24.9	37.3	





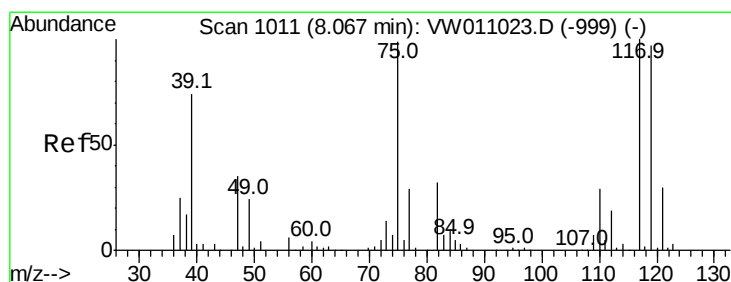
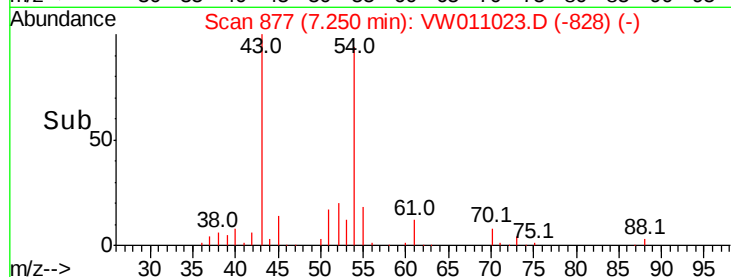
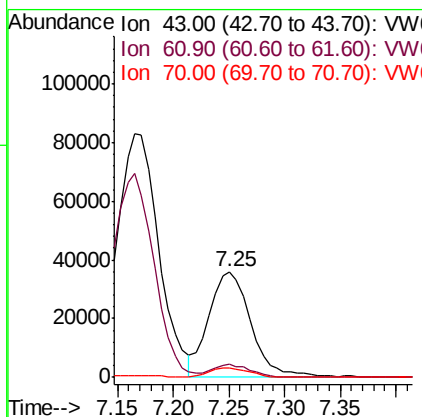
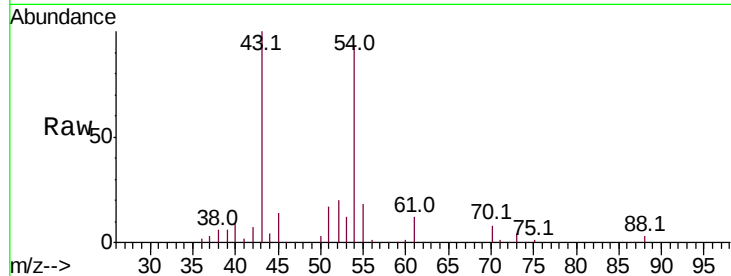
#37
Ethyl Acetate
Concen: 52.294 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.2	9.0	13.4
70	9.0	7.2	10.8

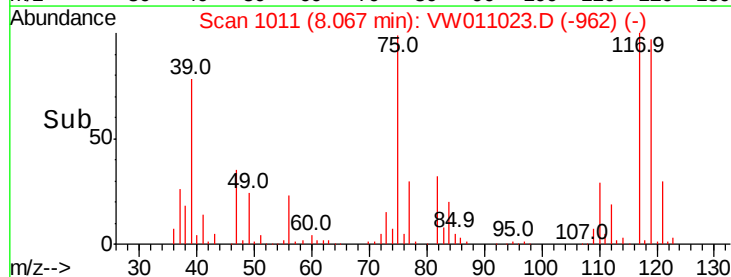
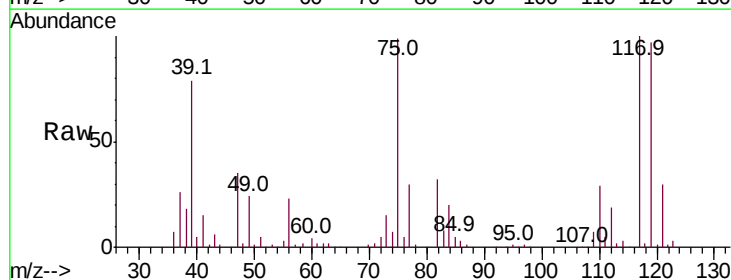
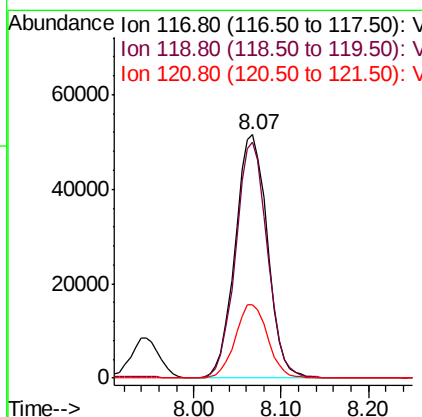
Manual Integrations
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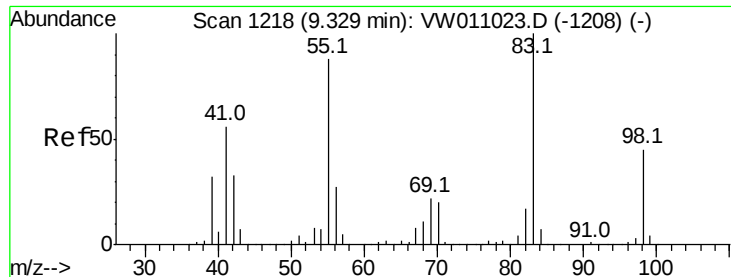
MMDadoda
6/28/2019 10:25:04 AM



#38
Carbon Tetrachloride
Concen: 48.918 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.7	116.5
121	29.9	23.9	35.9





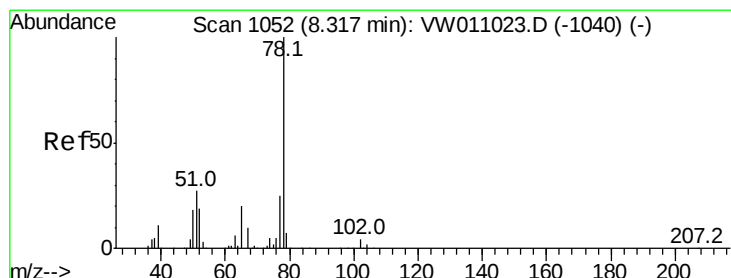
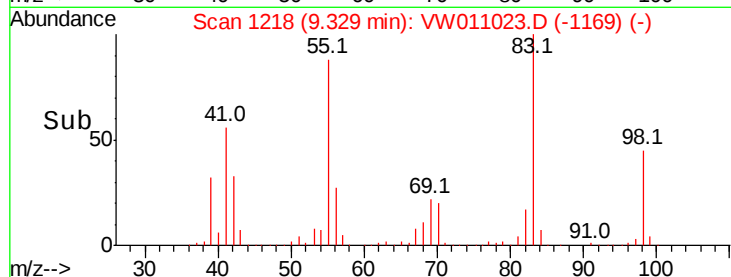
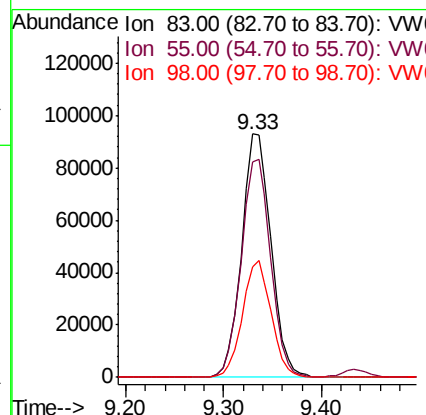
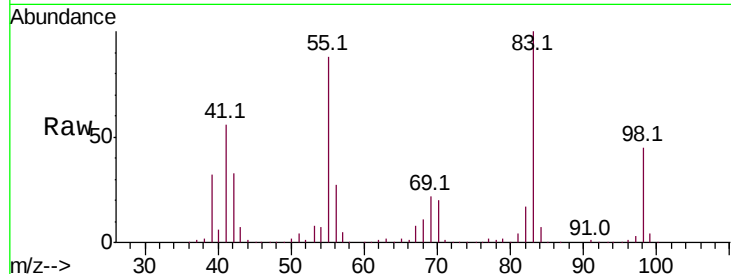
#39
Methvlcvclohexane
Concen: 48.692 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	193740
Ion Ratio	100	Lower	Upper
83	100		
55	88.4	70.7	106.1
98	45.5	36.4	54.6

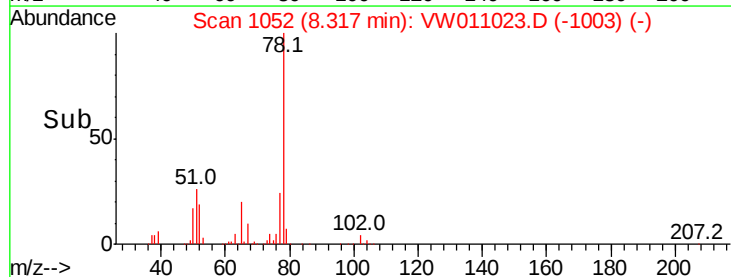
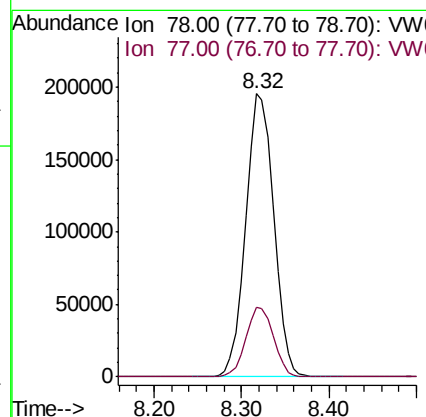
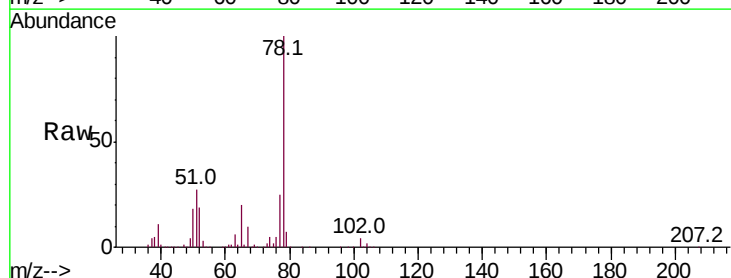
Manual Integrations
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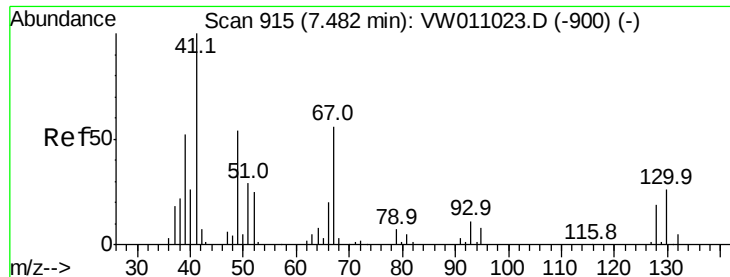
MMDadoda
6/28/2019 10:25:04 AM



#40
Benzene
Concen: 50.575 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion	78	Resp	436120
Ion Ratio	100	Lower	Upper
78	100		
77	24.6	19.7	29.5





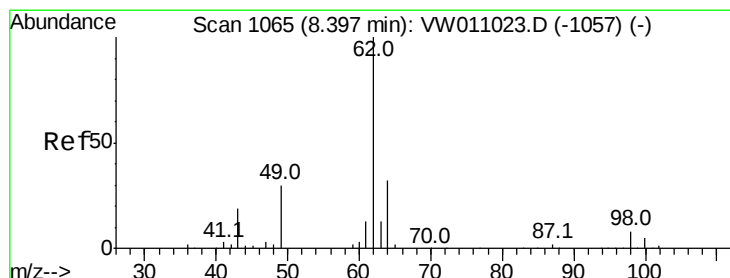
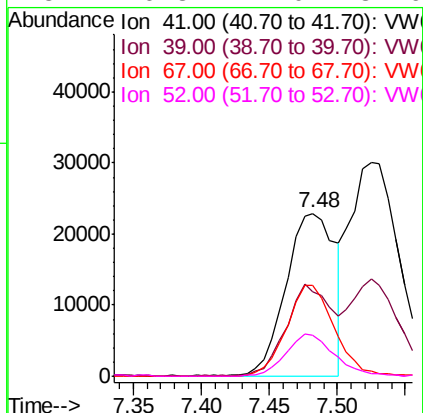
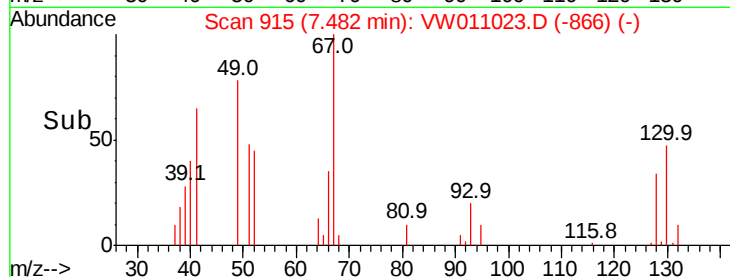
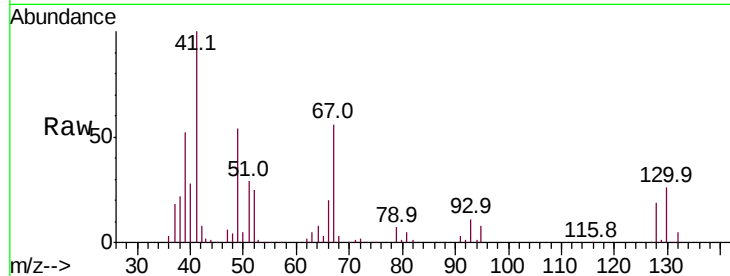
#41
Methacrylonitrile
Concen: 54.063 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	41	Resp	57257
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.1	63.1
67	55.2	44.2	66.2
52	26.3	21.0	31.6

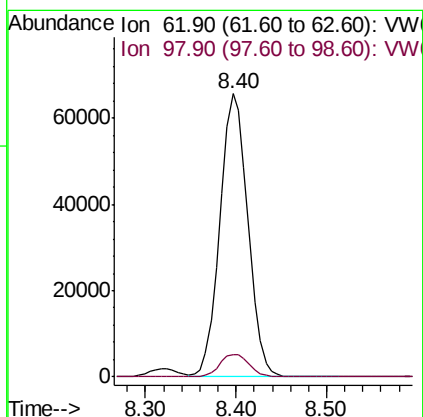
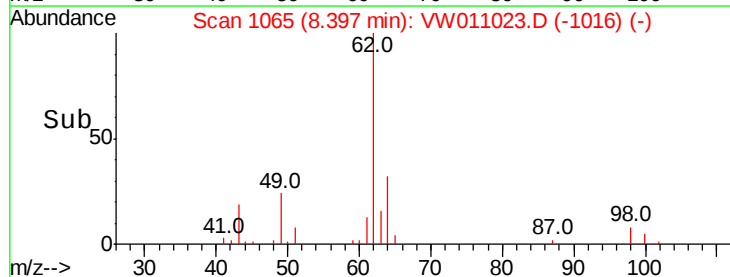
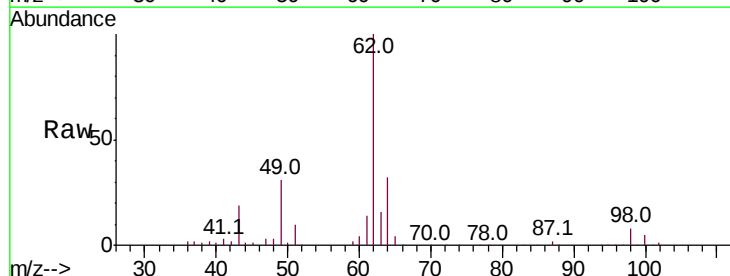
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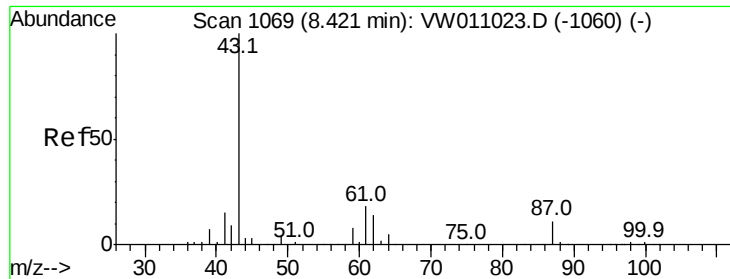
MMDadoda
6/28/2019 10:25:04 AM



#42
1,2-Dichloroethane
Concen: 51.431 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion	62	Resp	141276
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8





#43

Isopropyl Acetate

Concen: 51.406 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

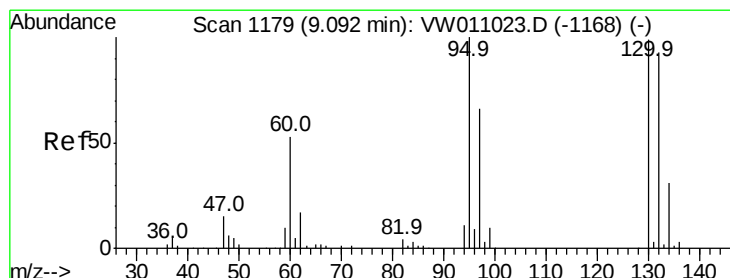
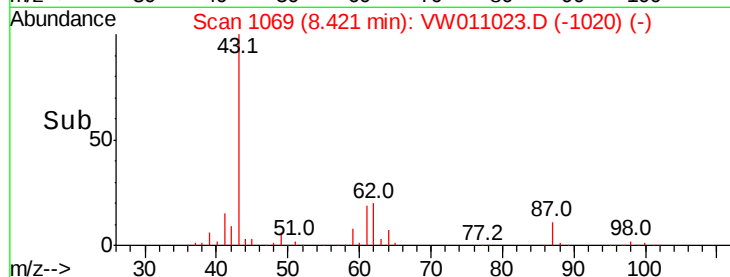
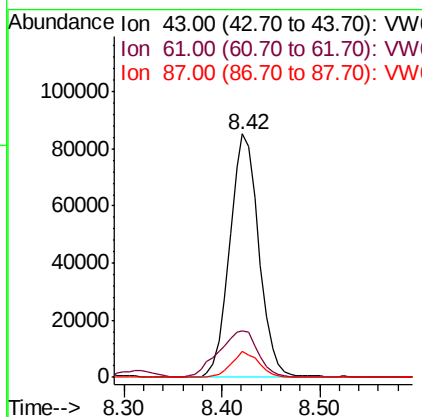
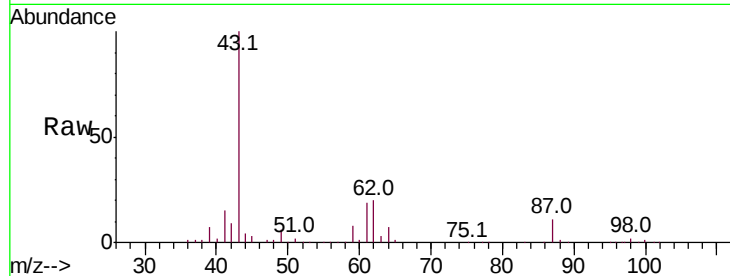
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	174913
Ion	Ratio	Lower	Upper
43	100		
61	26.3	21.0	31.6
87	10.3	8.2	12.4

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6/28/2019 10:25:04 AM



#44

Trichloroethene

Concen: 49.537 ug/l

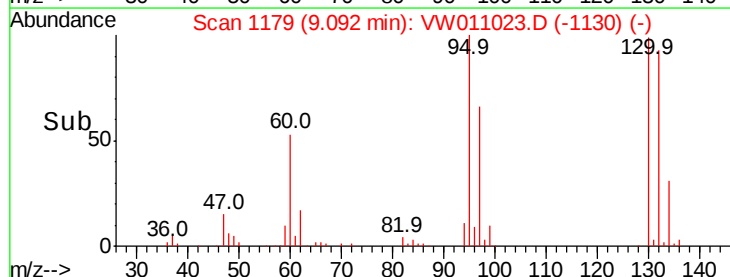
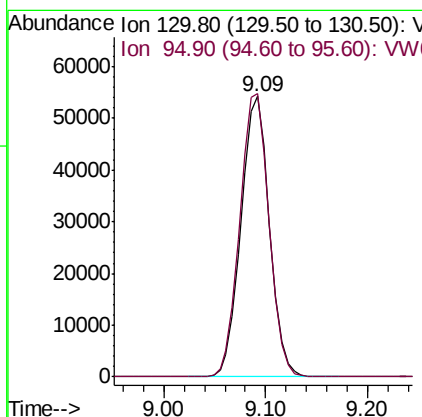
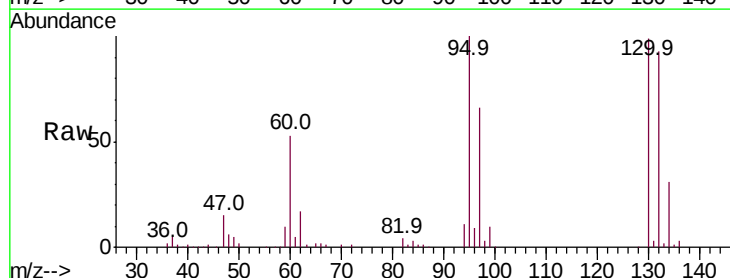
RT: 9.09 min Scan# 1179

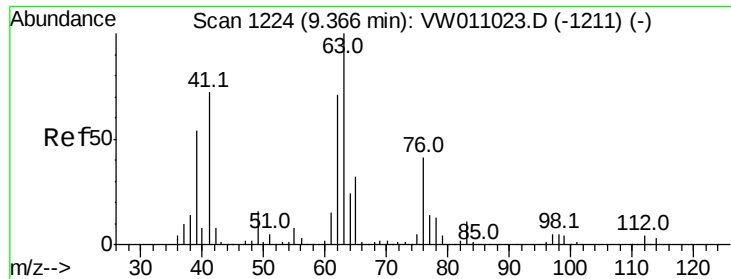
Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Tgt Ion:	130	Resp:	104980
Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	202.0





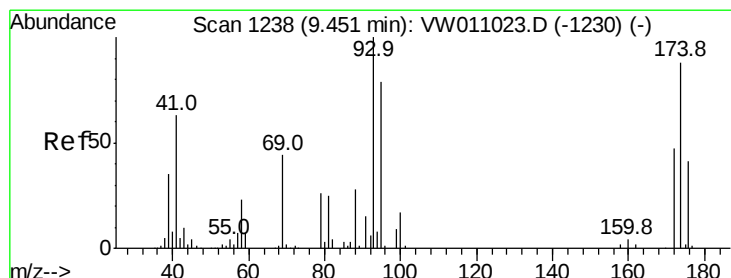
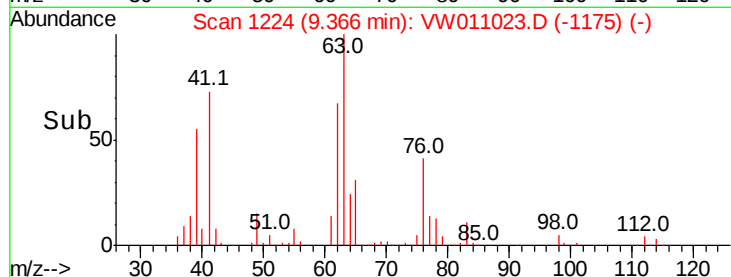
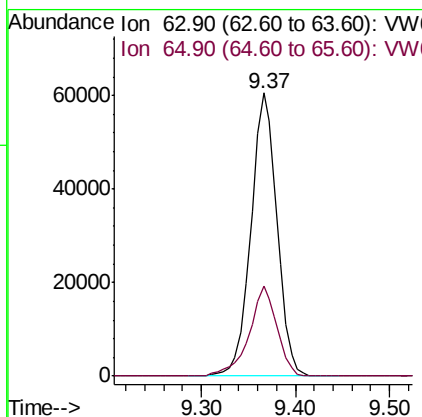
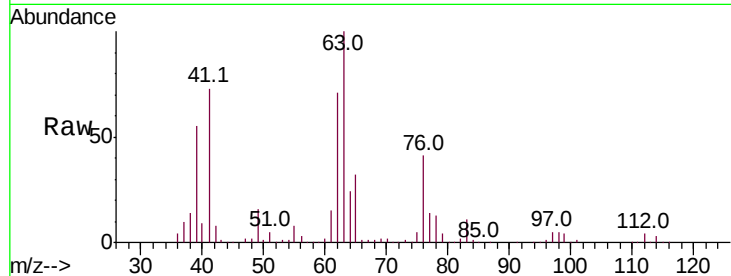
#45
 1,2-Dichloropropane
 Concen: 51.548 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 117940
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.6 38.4

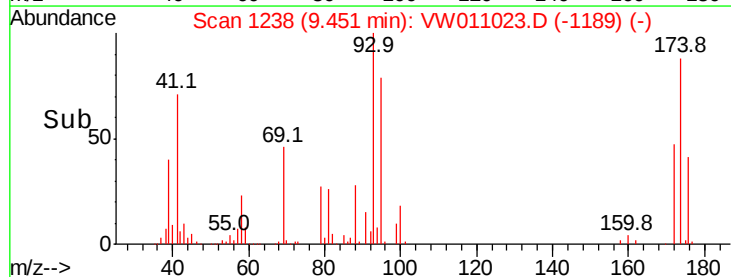
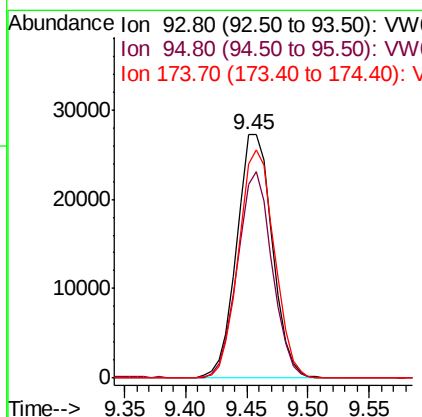
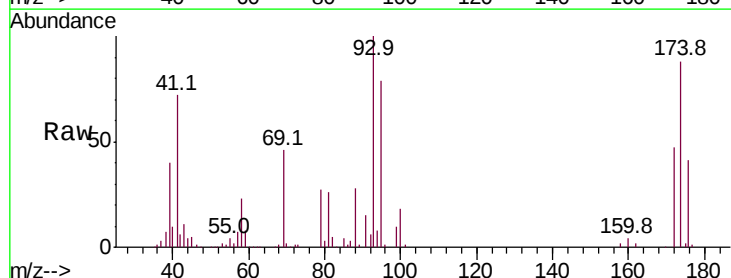
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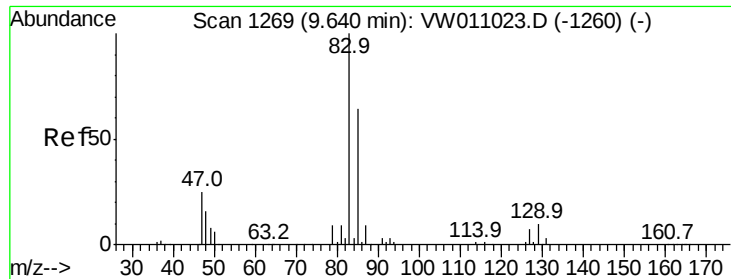
MMDadoda
 6/28/2019 10:25:04 AM



#46
 Dibromomethane
 Concen: 51.735 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion: 93 Resp: 55107
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.6
 174 94.2 75.4 113.0





#47

Bromodichloromethane

Concen: 50.228 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 137482

Ion Ratio Lower Upper

83 100

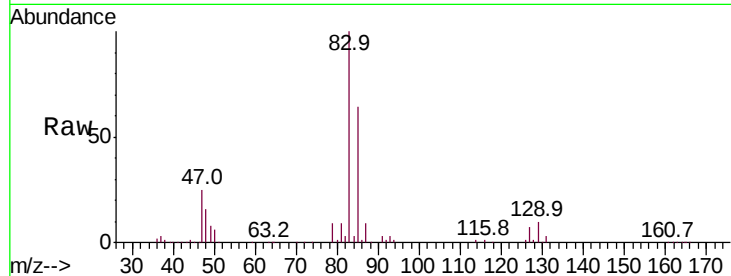
85 63.7 51.0 76.4

127 7.3 5.8 8.8

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MMDadoda

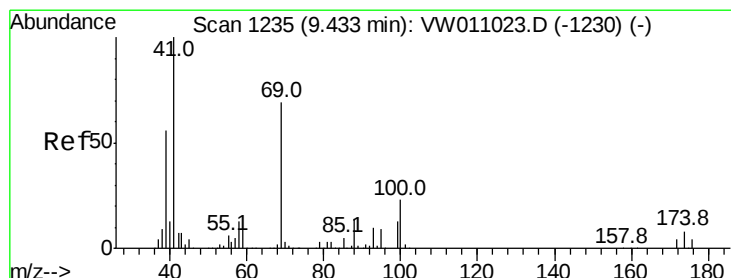
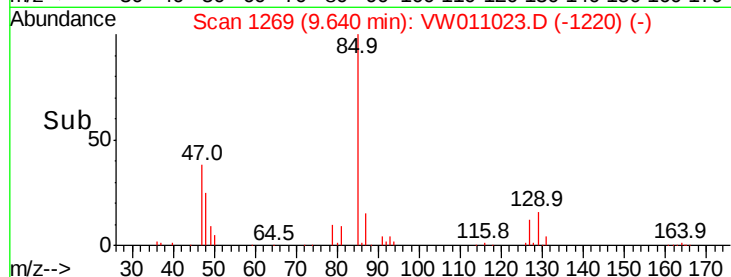
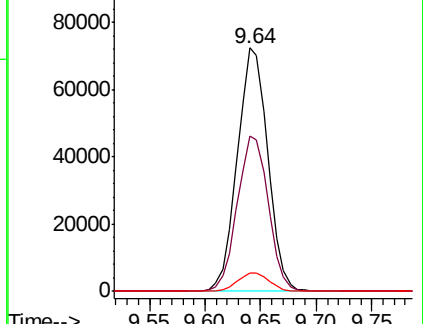
6/28/2019 10:25:04 AM



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 52.250 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

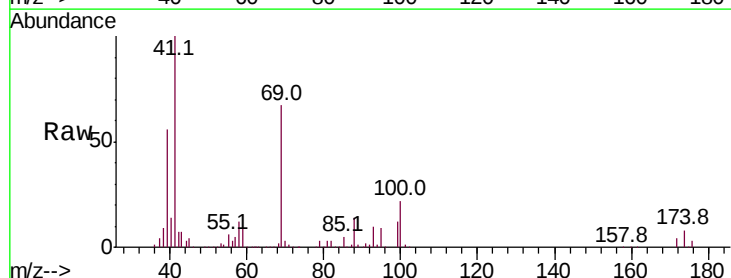
Tgt Ion: 41 Resp: 85734

Ion Ratio Lower Upper

41 100

69 70.9 56.7 85.1

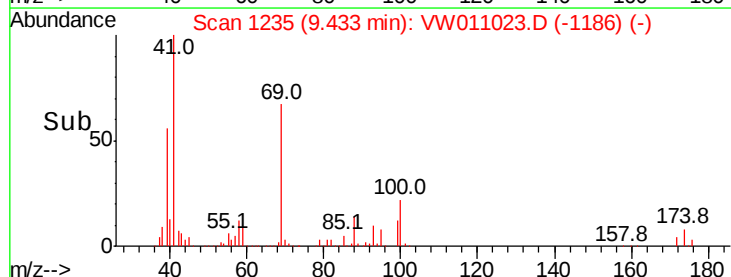
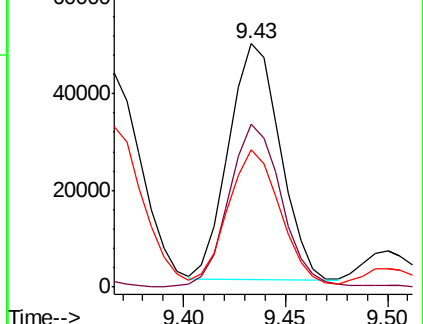
39 56.3 45.0 67.6

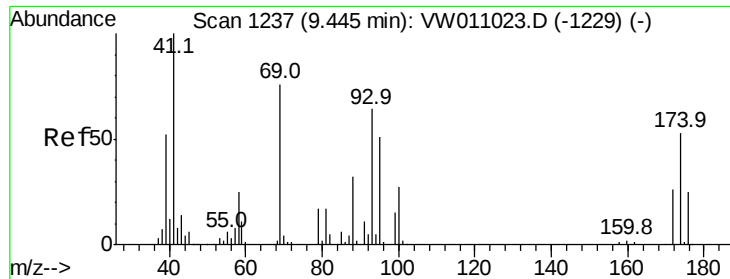


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





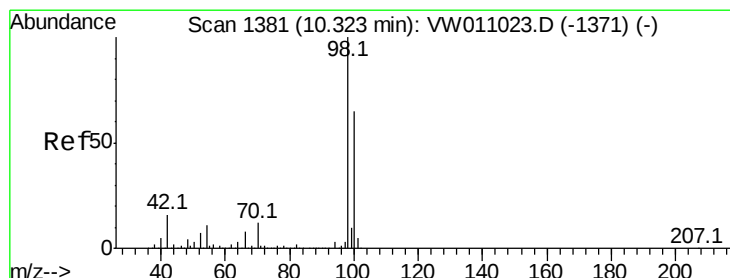
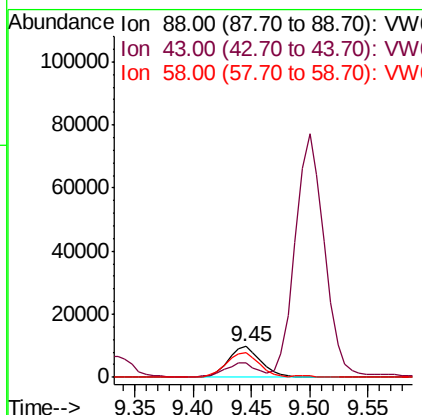
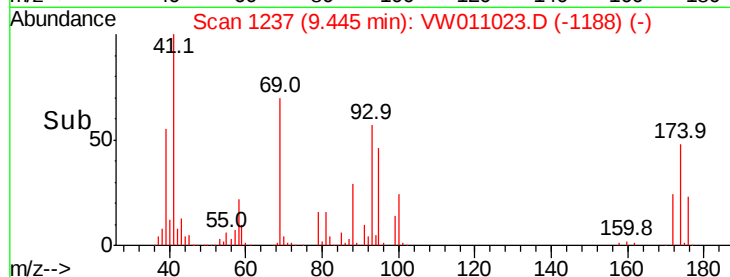
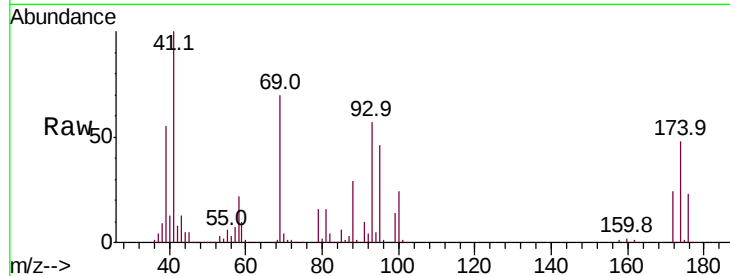
#49
1,4-Dioxane
Concen: 1118.906 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.0	34.4	51.6
58	81.5	65.2	97.8

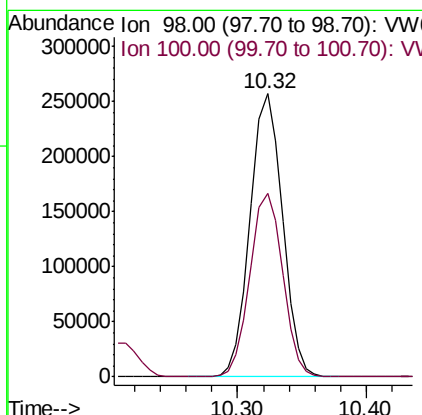
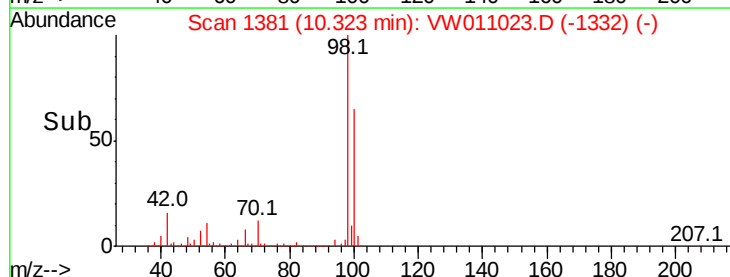
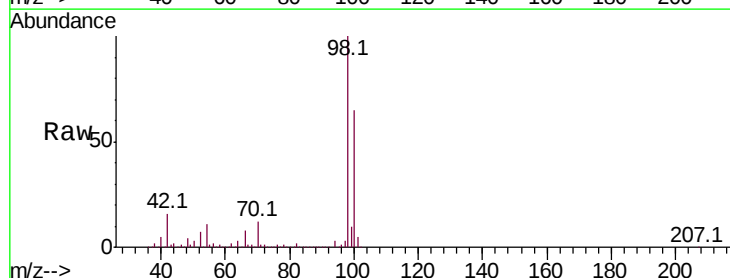
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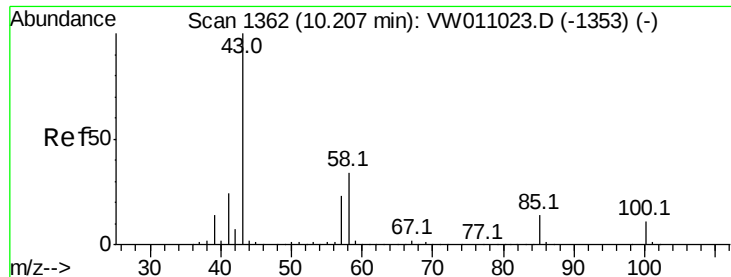
MMDadoda
6/28/2019 10:25:04 AM



#50
Toluene-d8
Concen: 59.336 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 264.213 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 462792

Ion Ratio Lower Upper

43 100

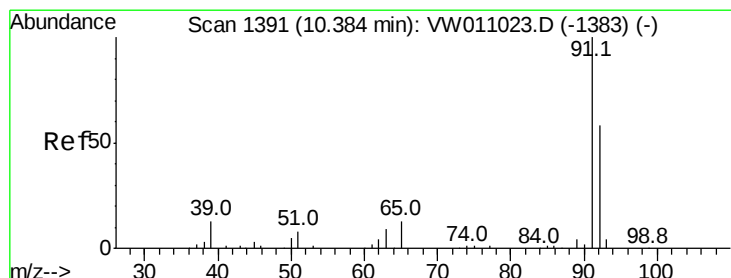
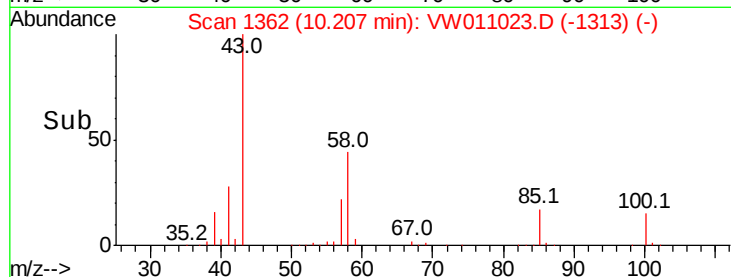
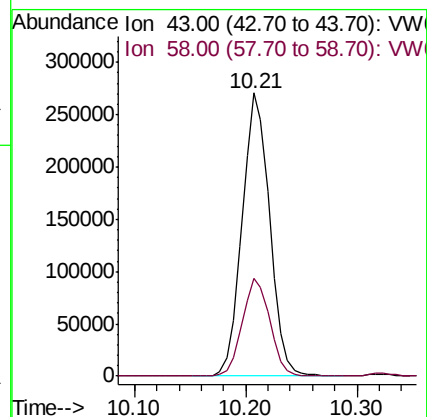
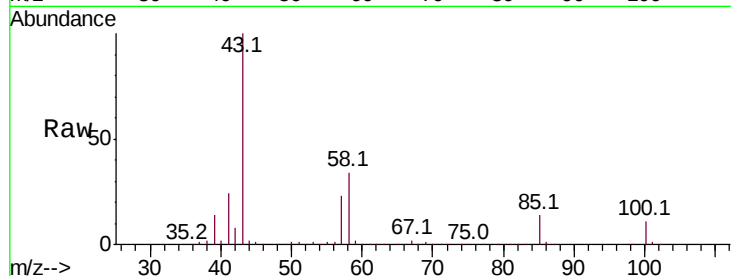
58 34.7 27.8 41.6

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#52

Toluene

Concen: 50.810 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011023.D

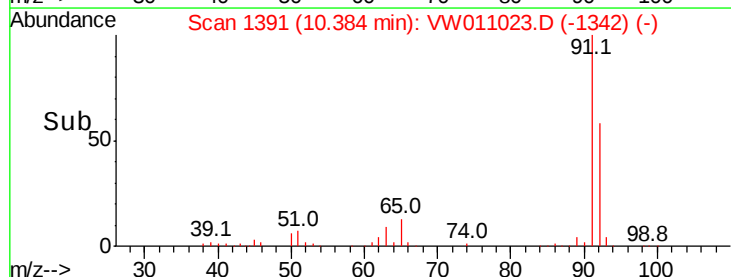
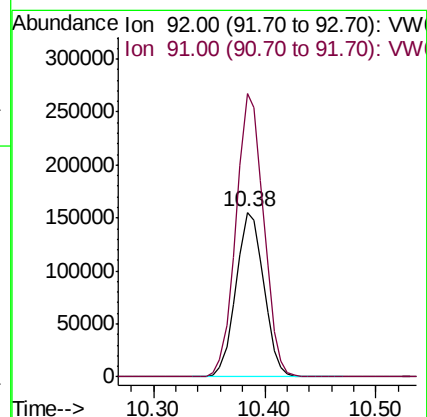
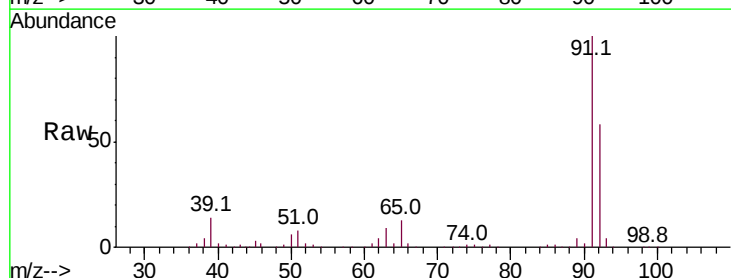
Acq: 27 Jun 2019 16:22

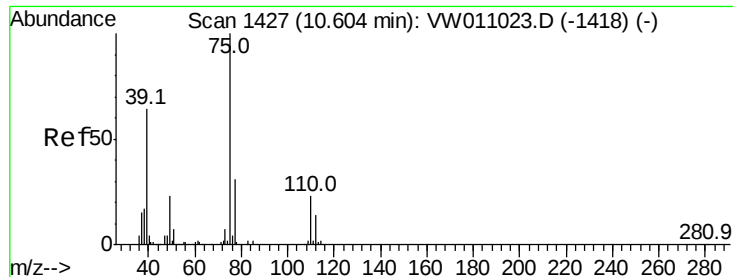
Tgt Ion: 92 Resp: 269219

Ion Ratio Lower Upper

92 100

91 171.1 136.9 205.3





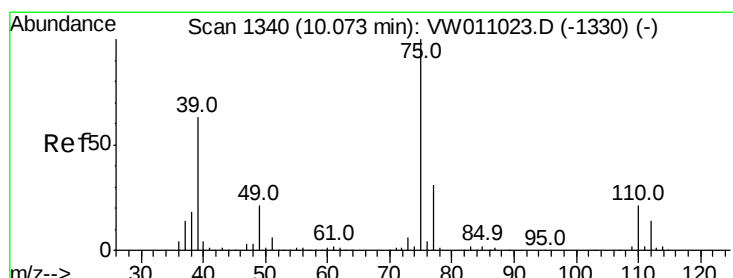
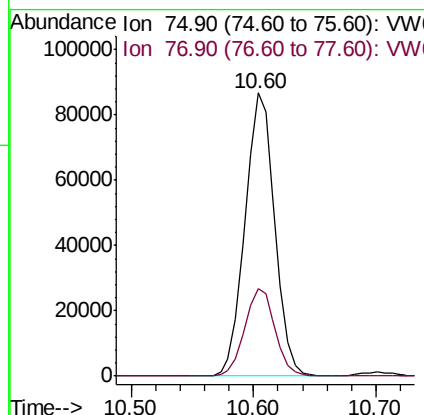
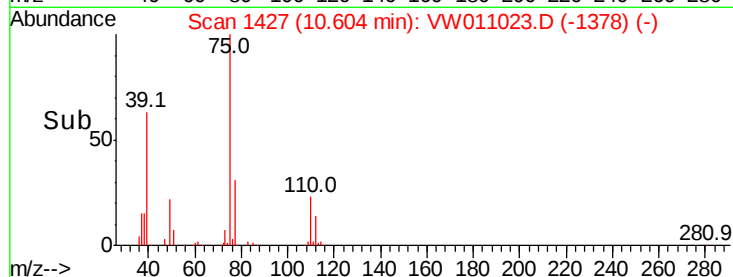
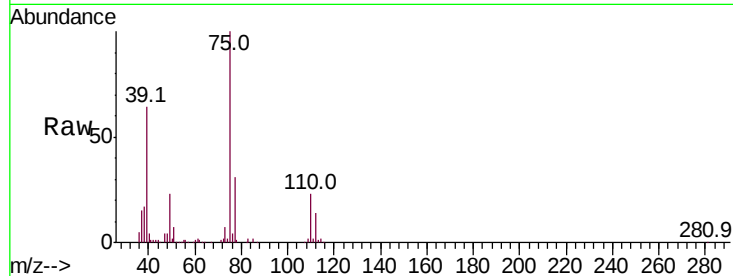
#53
t-1,3-Dichloropropene
Concen: 50.397 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 145985
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0

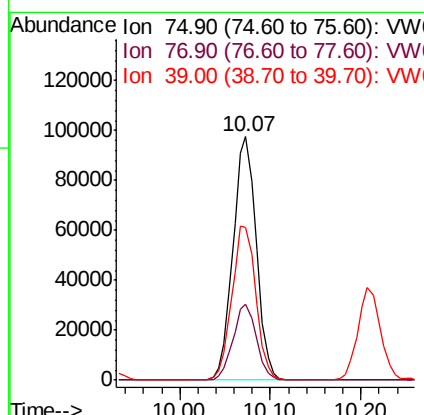
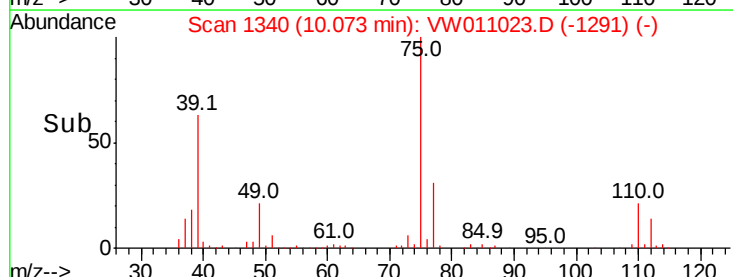
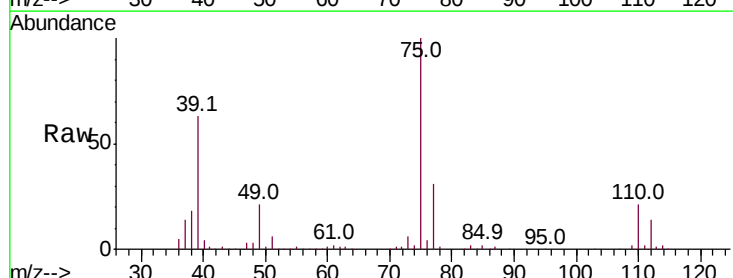
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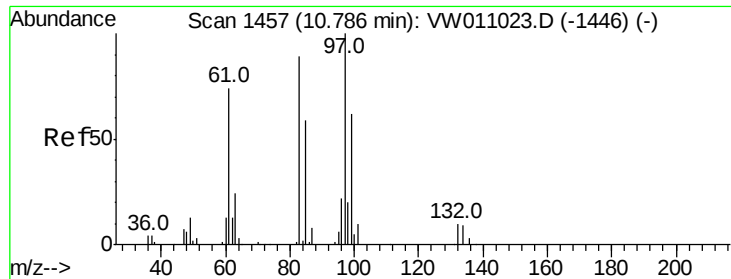
MMDadoda
6/28/2019 10:25:04 AM



#54
cis-1,3-Dichloropropene
Concen: 50.951 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion: 75 Resp: 174131
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 62.5 50.0 75.0





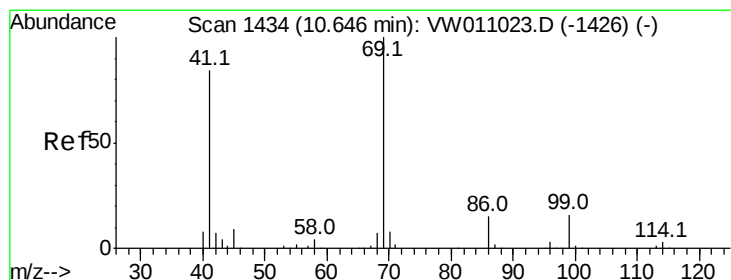
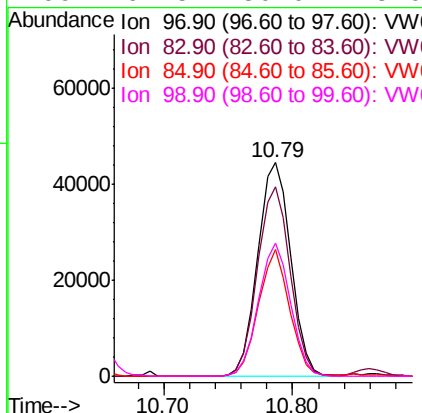
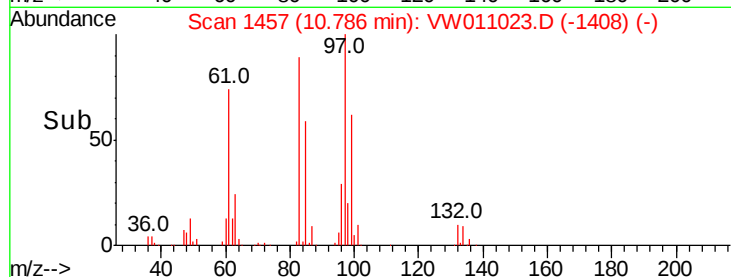
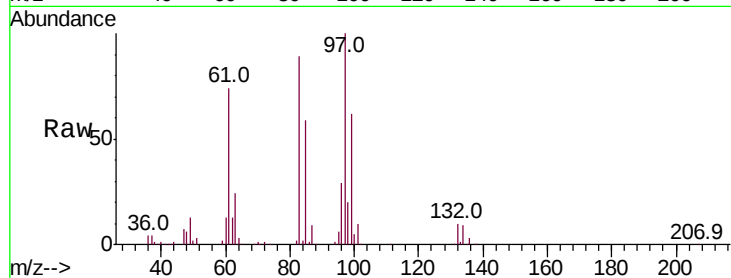
#55
 1,1,2-Trichloroethane
 Concen: 51.690 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.9	106.3
85	59.0	47.2	70.8
99	62.5	50.0	75.0

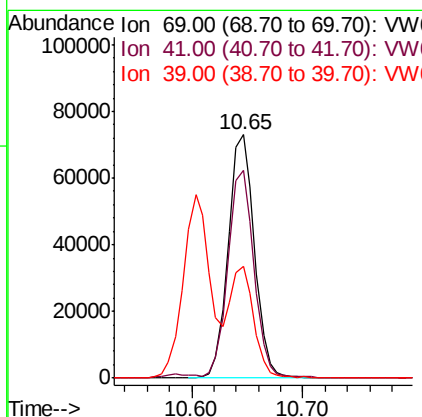
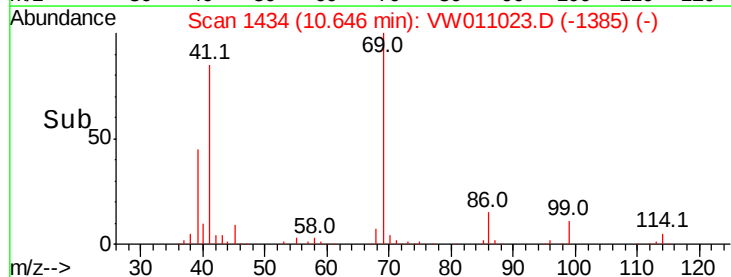
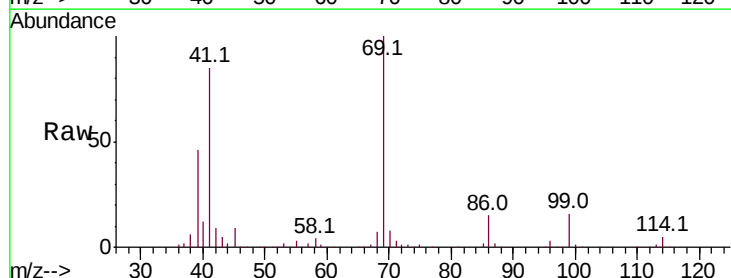
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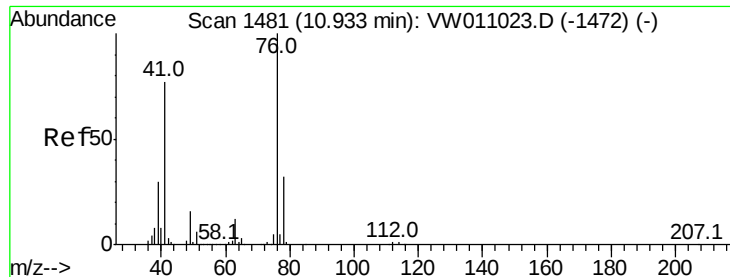
MMDadoda
 6/28/2019 10:25:04 AM



#56
 Ethyl methacrylate
 Concen: 50.623 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	84.9	67.9	101.9
39	41.5	33.2	49.8





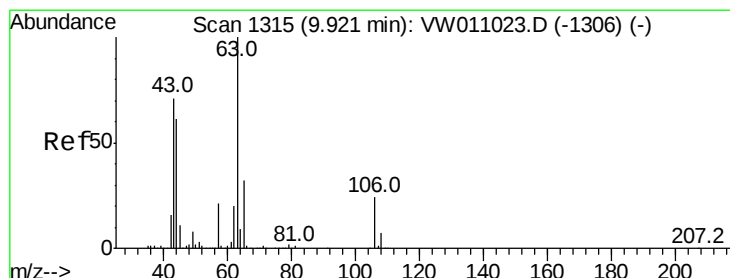
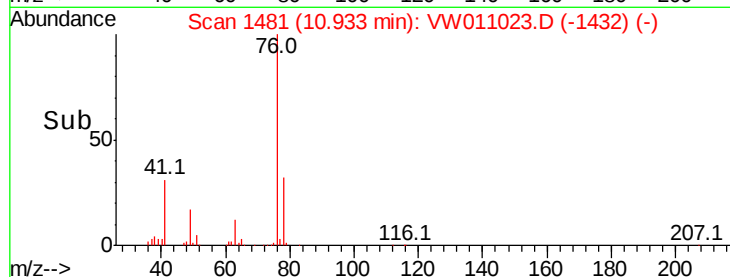
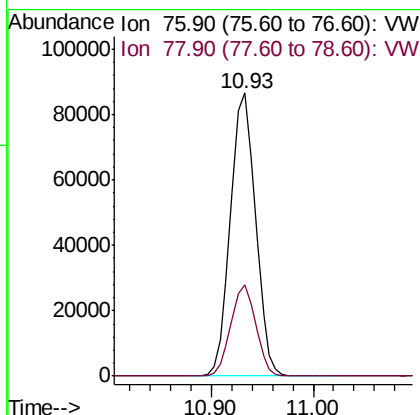
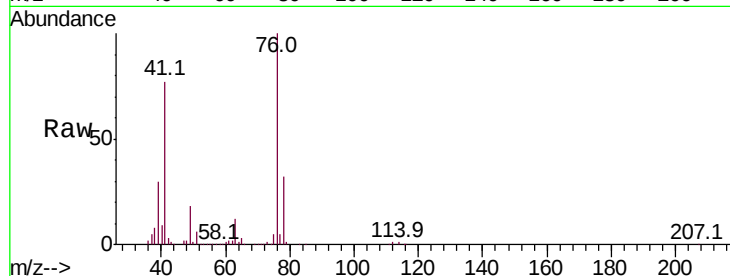
#57
 1,3-Dichloropropane
 Concen: 51.062 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 147365
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6

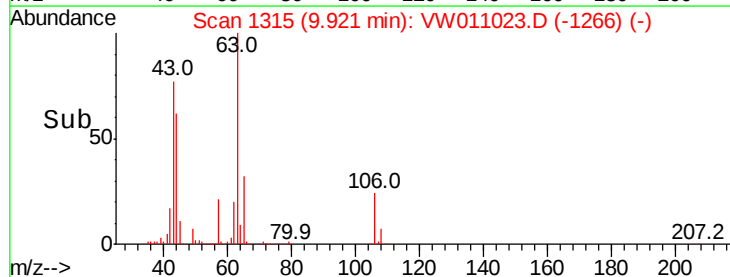
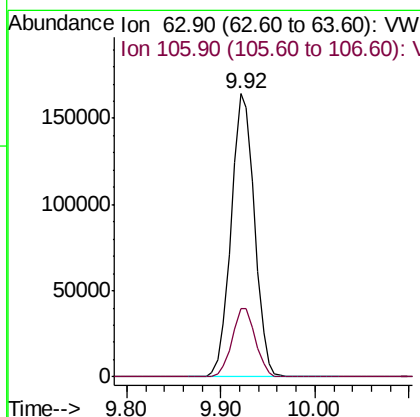
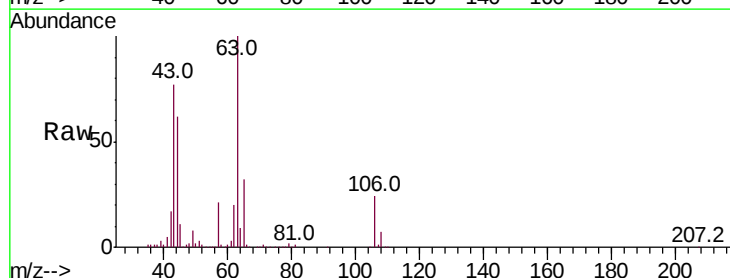
Manual Integrations
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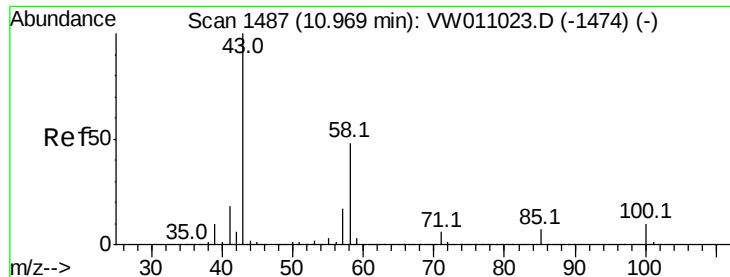
MMDadoda
 6/28/2019 10:25:04 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 230.624 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion: 63 Resp: 281968
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.4 29.0





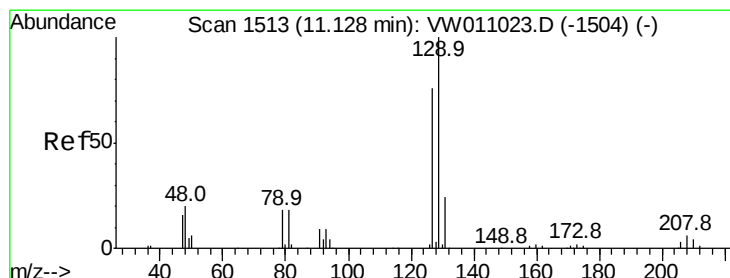
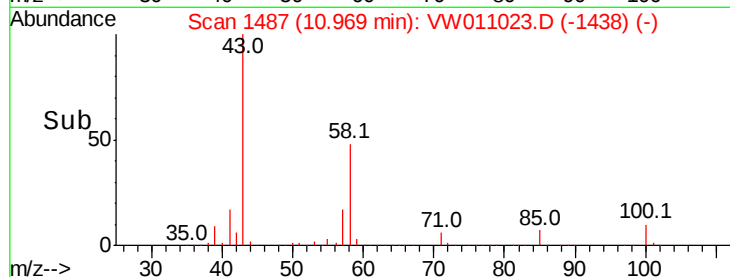
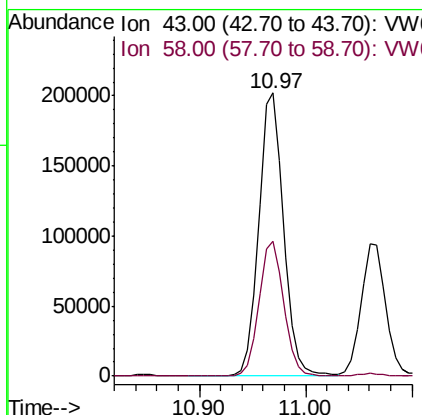
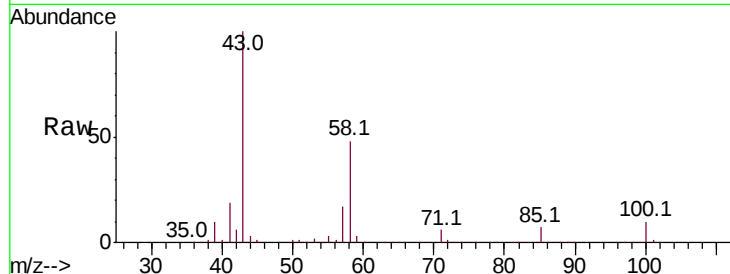
#59
2-Hexanone
Concen: 262.336 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 330316
Ion Ratio Lower Upper
43 100
58 47.7 23.8 71.5

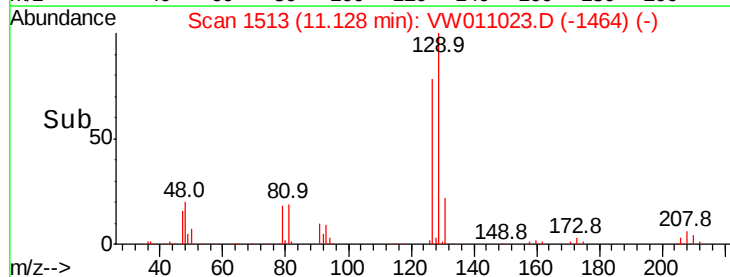
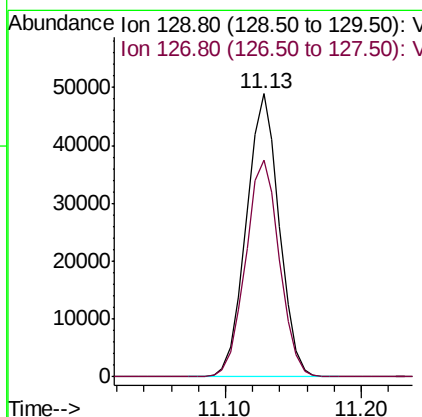
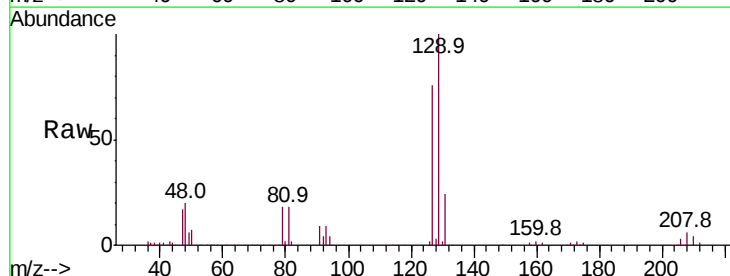
Manual Integrations
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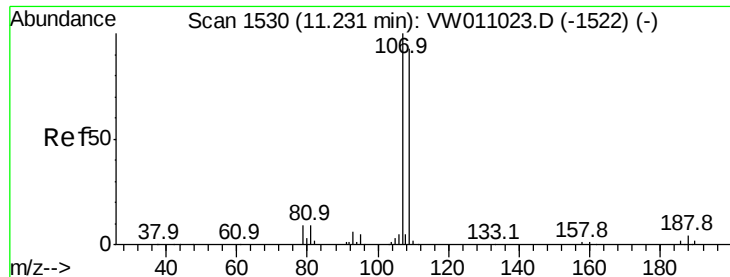
MMDadoda
6/28/2019 10:25:04 AM



#60
Dibromochloromethane
Concen: 49.296 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion: 129 Resp: 82729
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.1





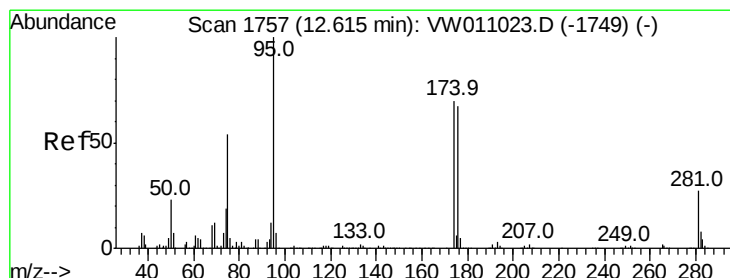
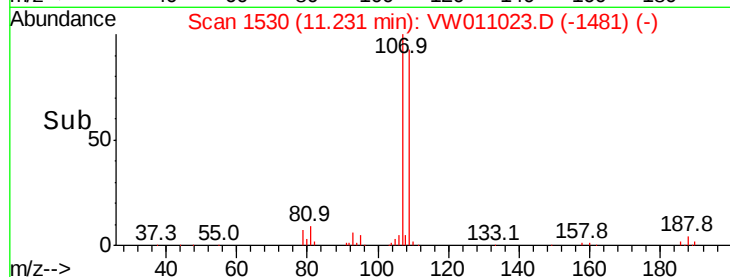
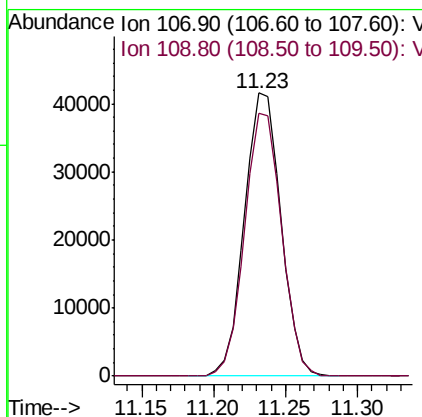
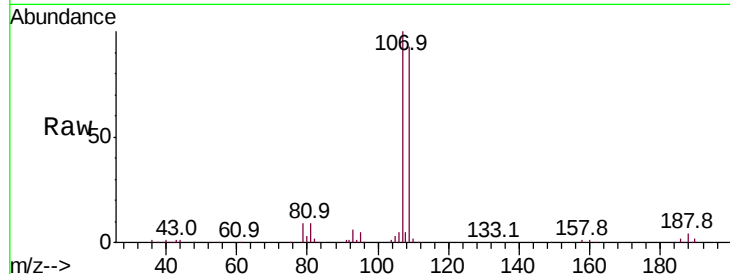
#61
1,2-Dibromoethane
Concen: 50.461 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.1	112.7

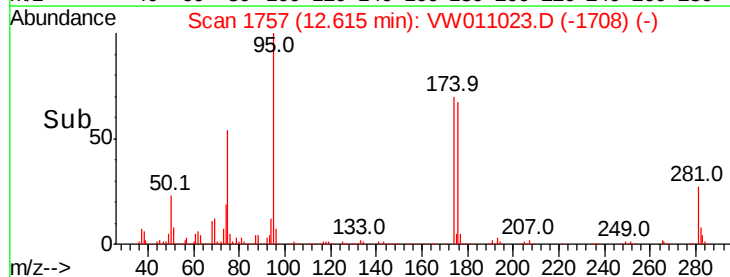
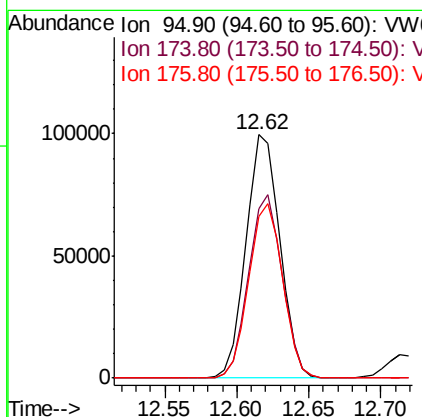
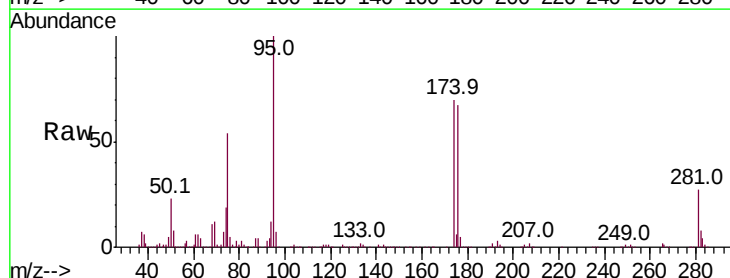
Manual Integrations
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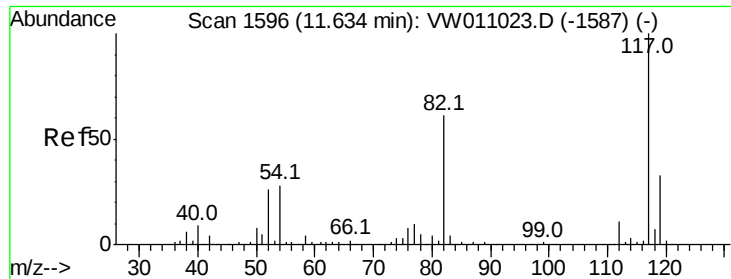
MMDadoda
6/28/2019 10:25:04 AM



#62
4-Bromofluorobenzene
Concen: 58.957 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	149.2
176	71.8	0.0	143.6





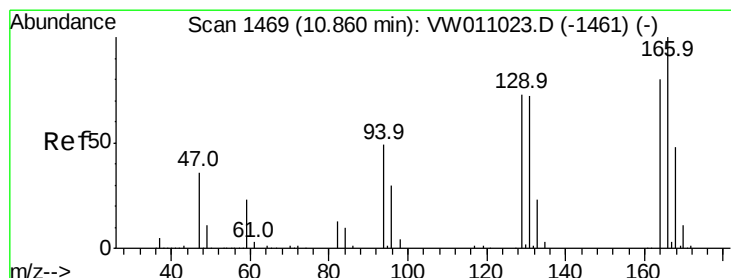
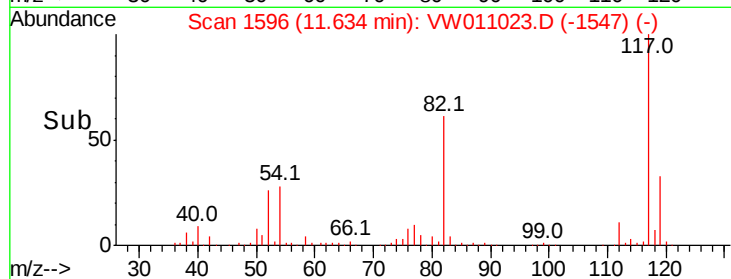
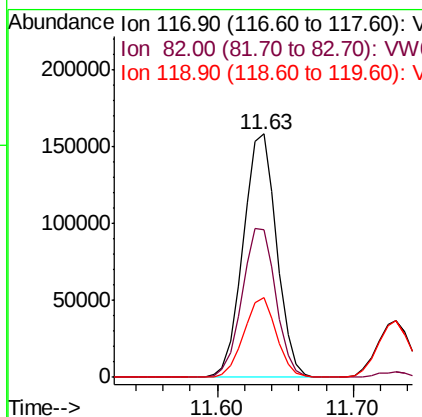
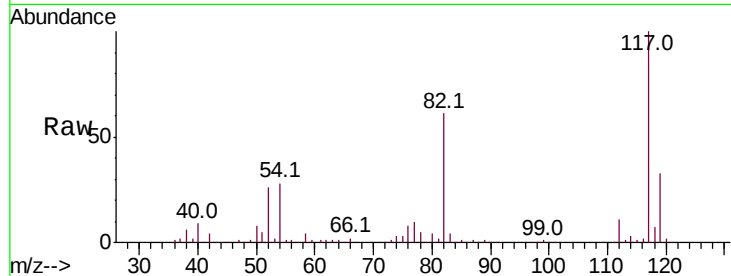
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.8	48.6	73.0
119	32.6	26.1	39.1

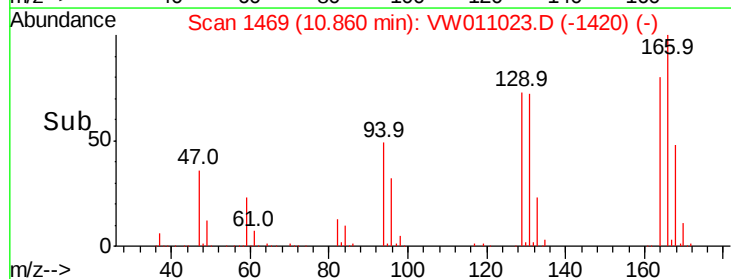
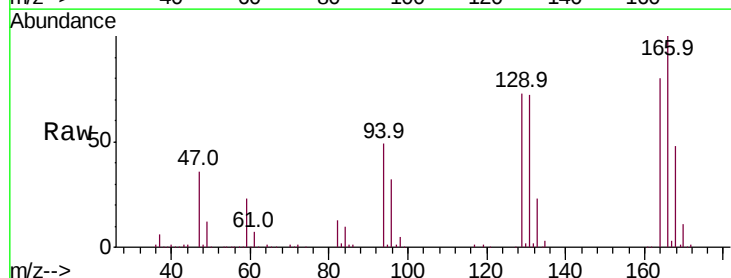
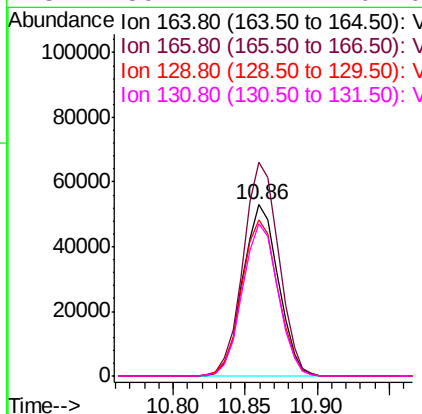
Manual Integrations
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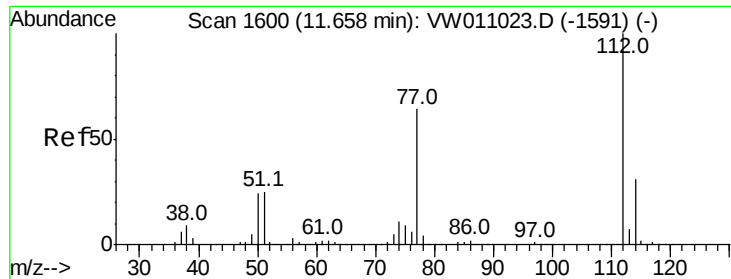
MMDadoda
6/28/2019 10:25:04 AM



#64
Tetrachloroethene
Concen: 49.966 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	99.8	149.6
129	91.2	73.0	109.4
131	89.2	71.4	107.0





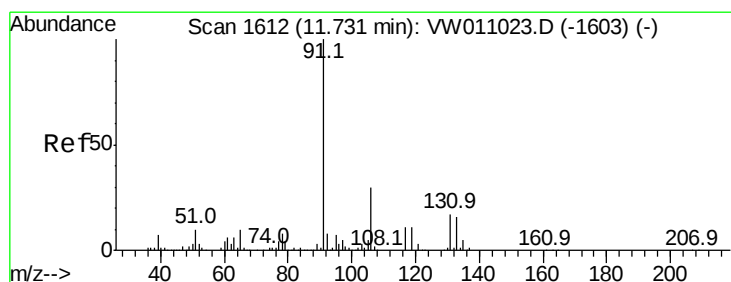
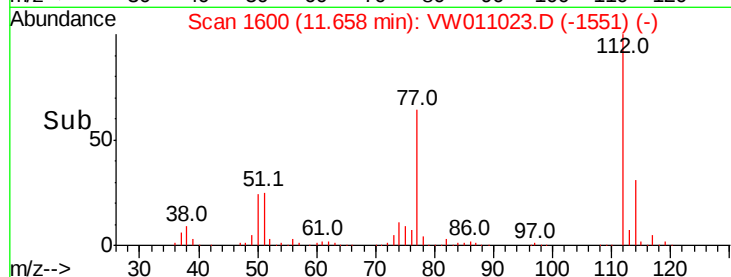
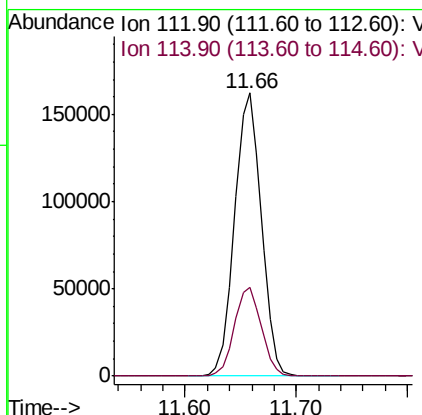
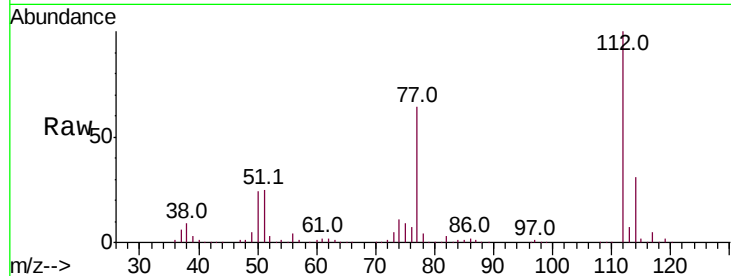
#65
Chlorobenzene
Concen: 50.006 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 269433
Ion Ratio Lower Upper
112 100
114 31.5 25.2 37.8

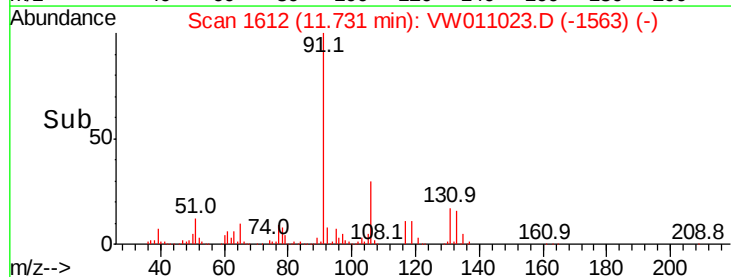
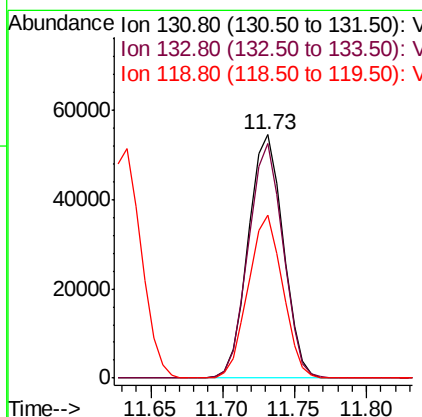
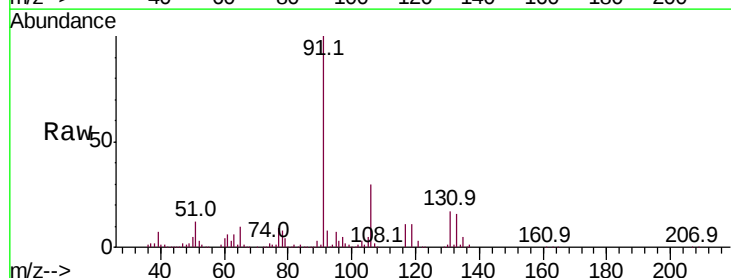
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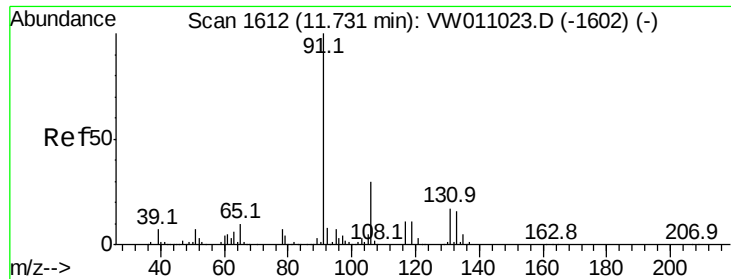
MMDadoda
6/28/2019 10:25:04 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.491 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion:131 Resp: 91772
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 66.1 33.1 99.2





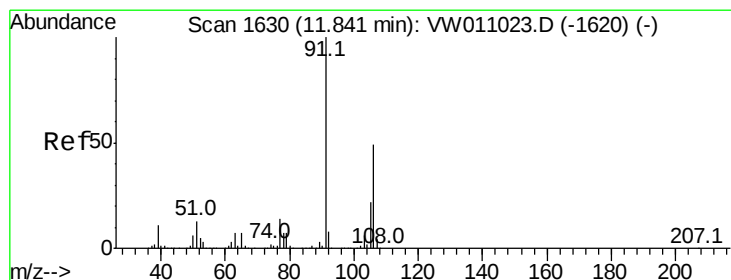
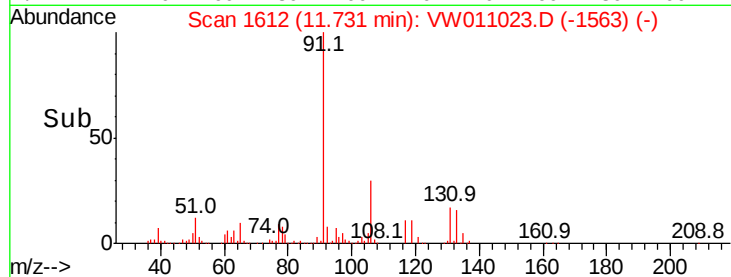
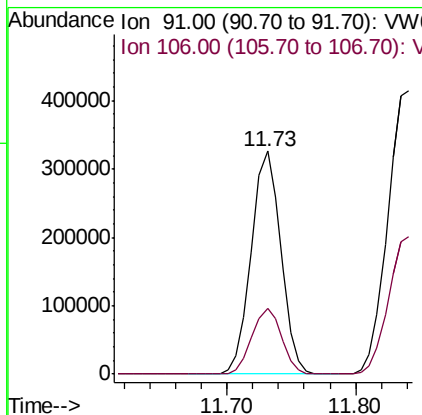
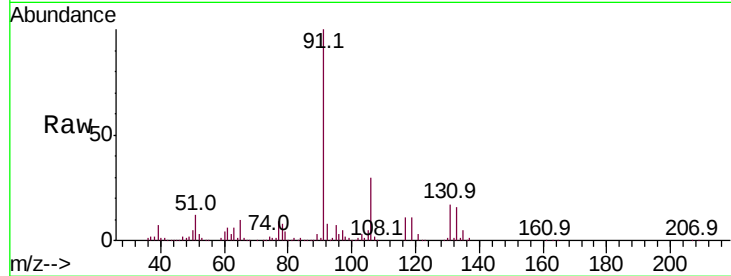
#67
Ethyl Benzene
Concen: 49.830 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.7	23.8	35.6

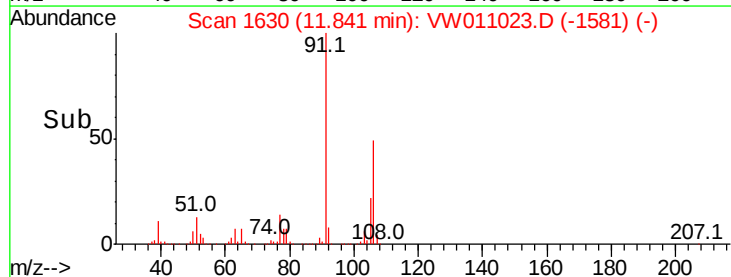
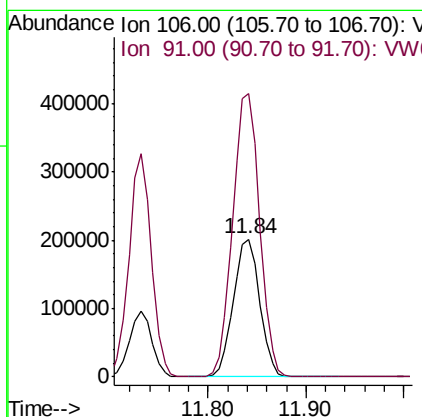
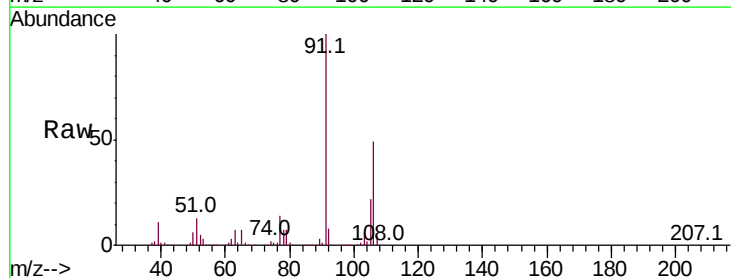
Manual Integrations
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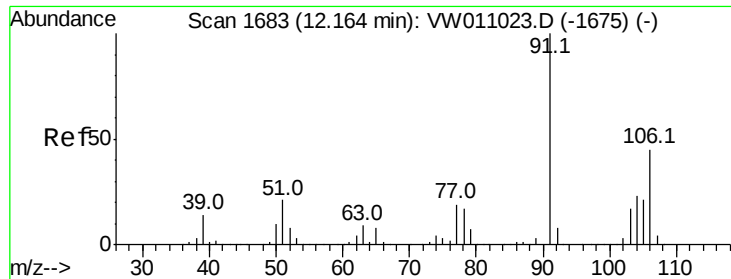
MMDadoda
6/28/2019 10:25:04 AM



#68
m/p-Xylenes
Concen: 101.425 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.4	167.5	251.3





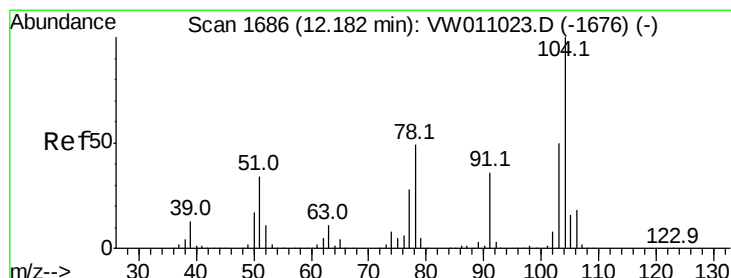
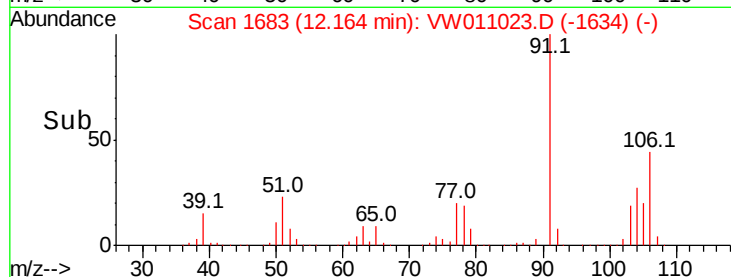
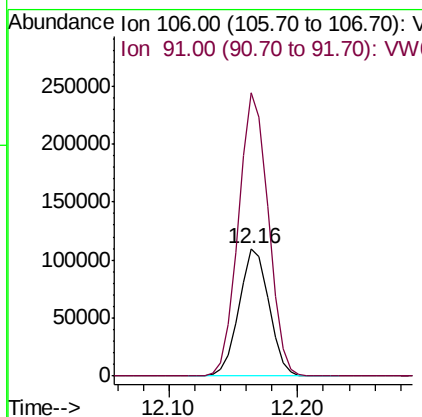
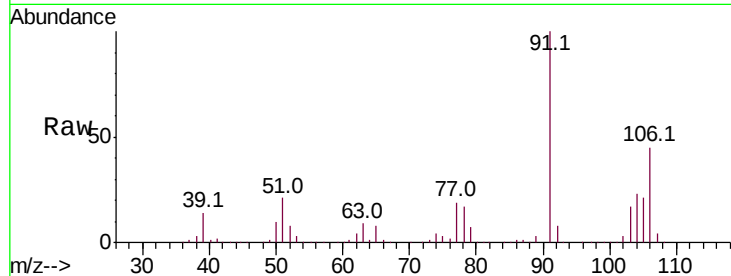
#69
o-Xylene
Concen: 50.158 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 176415
Ion Ratio Lower Upper
106 100
91 221.5 110.8 332.3

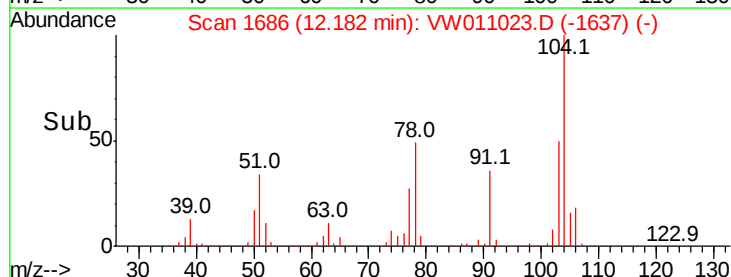
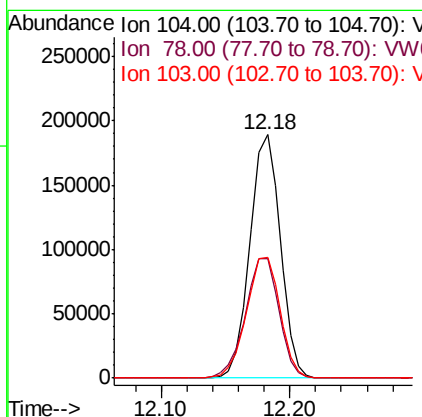
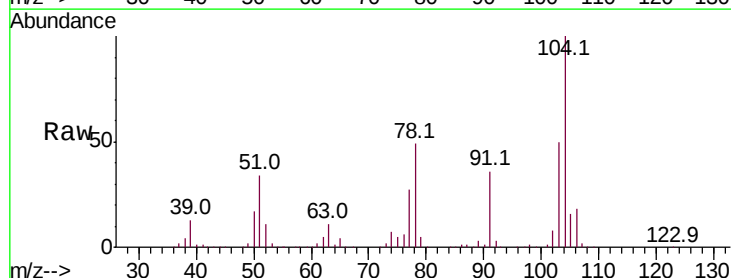
Manual Integrations
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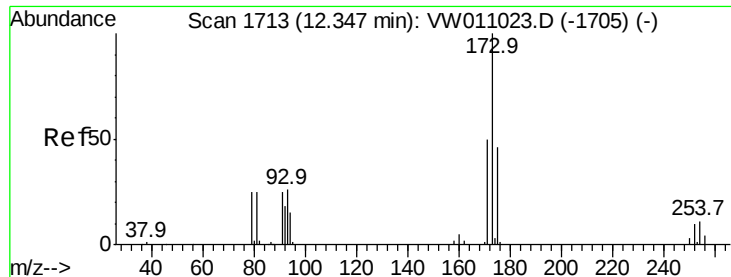
MMDadoda
6/28/2019 10:25:04 AM



#70
Styrene
Concen: 50.518 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion:104 Resp: 308857
Ion Ratio Lower Upper
104 100
78 54.6 43.7 65.5
103 54.9 43.9 65.9





#71

Bromoform

Concen: 48.089 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 45948

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

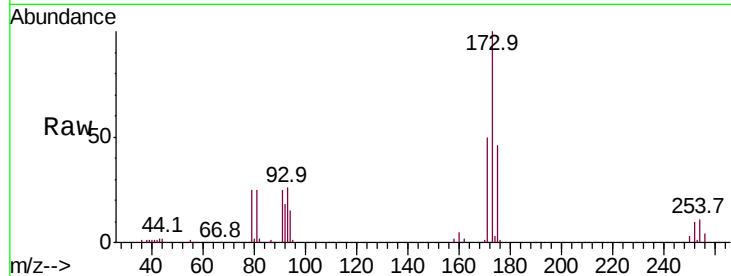
254 0.0 0.0 0.0

Manual Integrations

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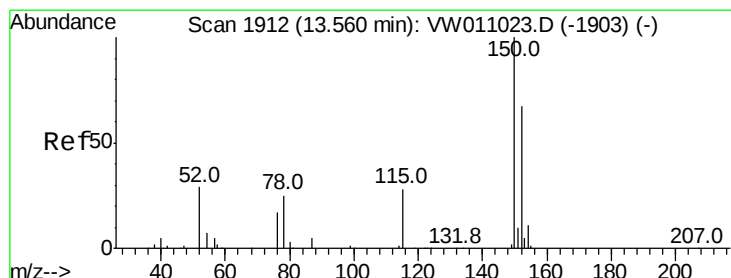
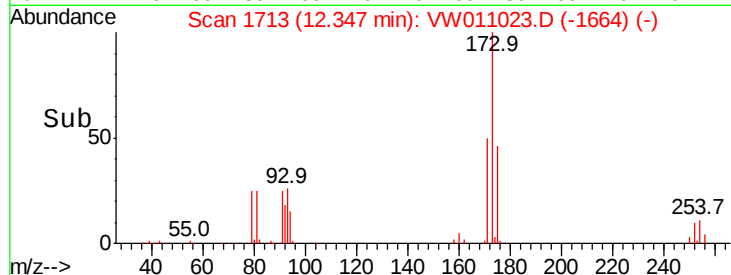
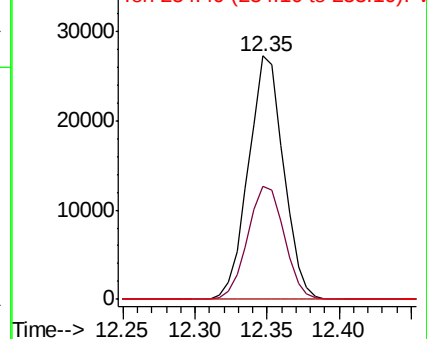
6/28/2019 10:25:04 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

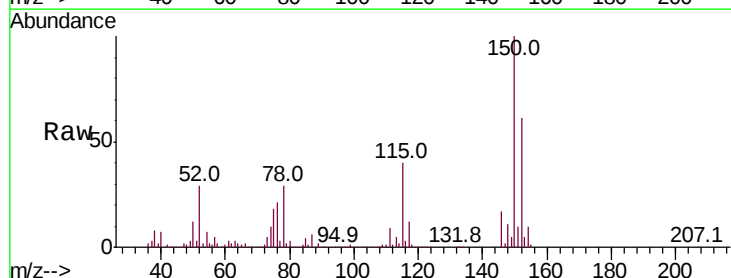
Tgt Ion:152 Resp: 135139

Ion Ratio Lower Upper

152 100

115 61.4 30.7 92.1

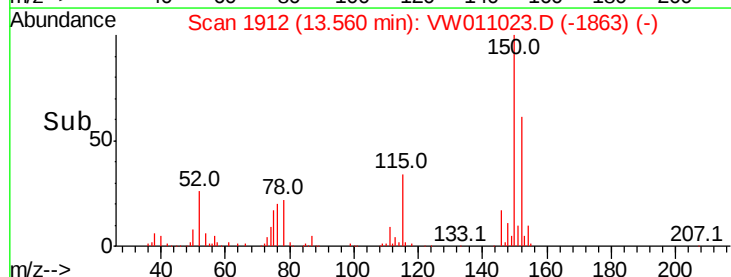
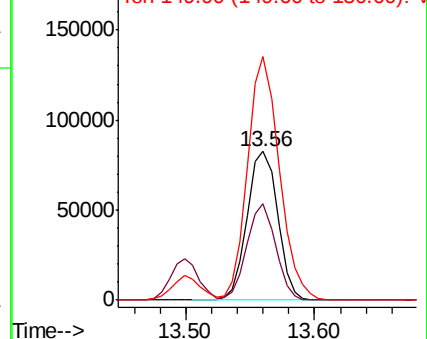
150 170.9 0.0 341.8

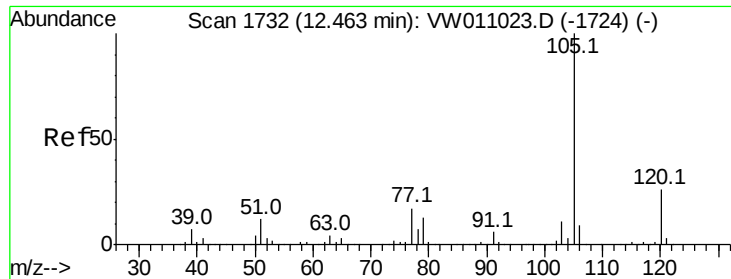


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





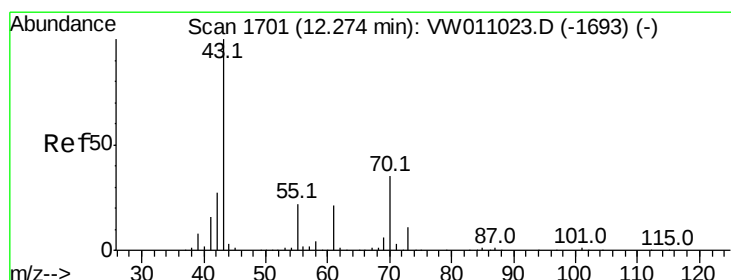
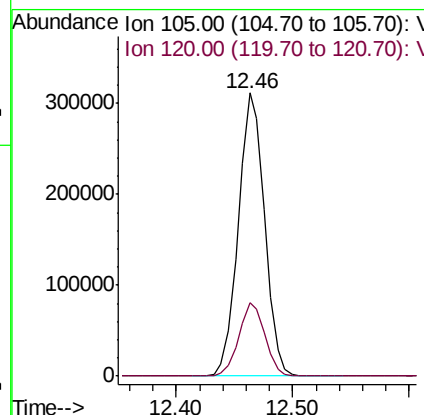
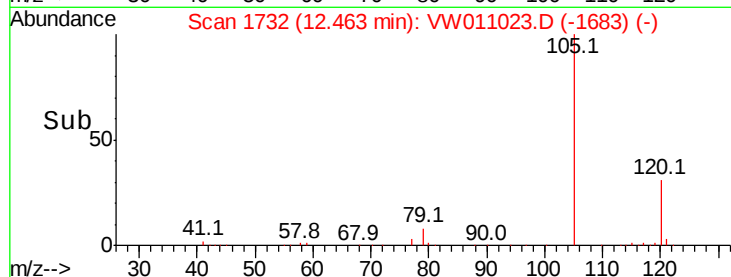
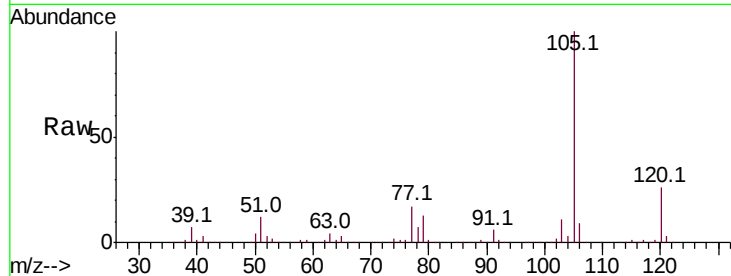
#73
Isopropylbenzene
Concen: 48.173 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 105 Resp: 487613
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

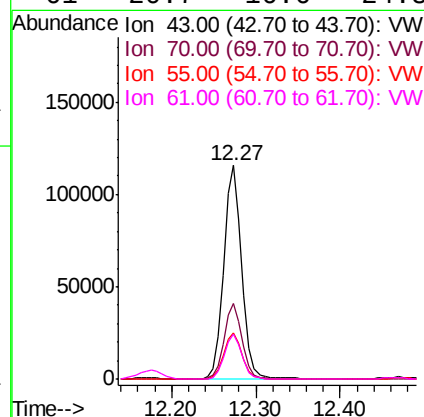
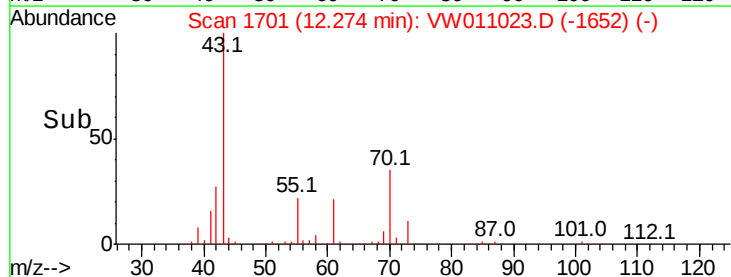
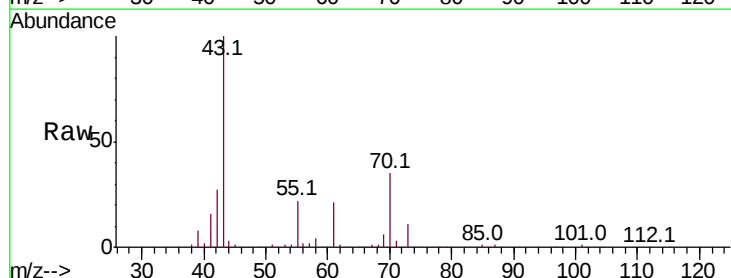
Manual Integrations
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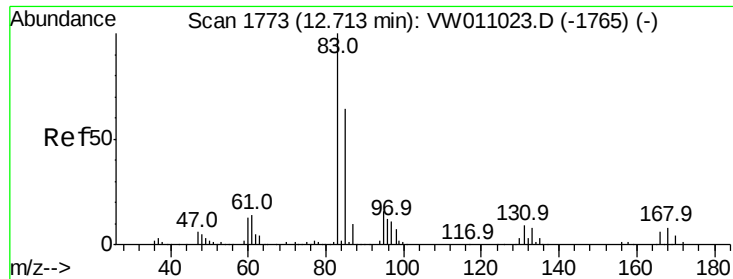
MMDadoda
6/28/2019 10:25:04 AM



#74
N-ethyl acetate
Concen: 51.002 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion: 43 Resp: 169341
Ion Ratio Lower Upper
43 100
70 35.3 28.2 42.4
55 22.3 17.8 26.8
61 20.7 16.6 24.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.084 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

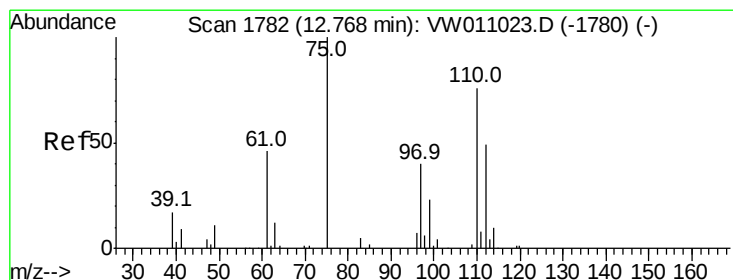
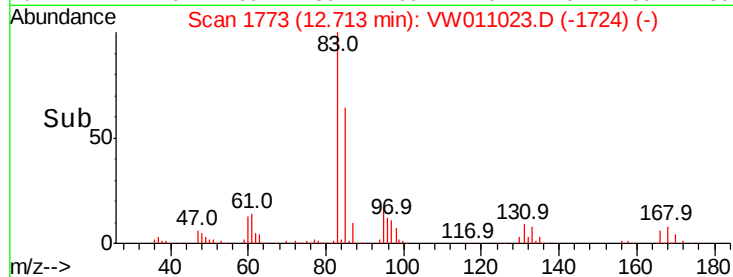
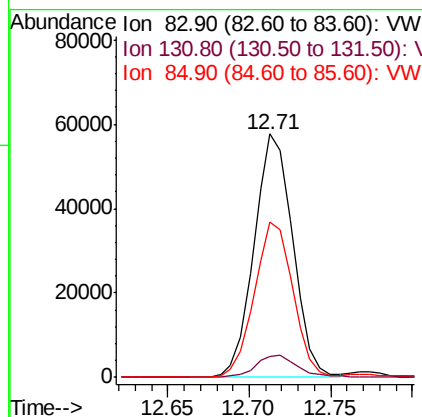
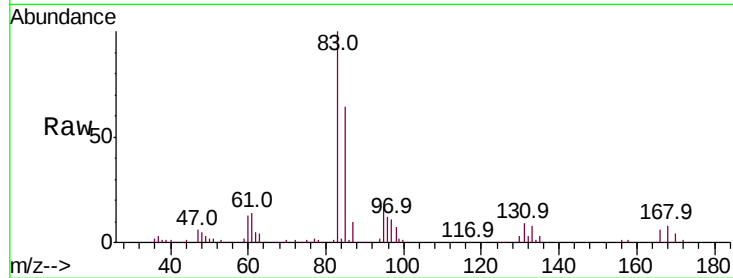
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	95309
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	14.9
85	63.6	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.215 ug/l m

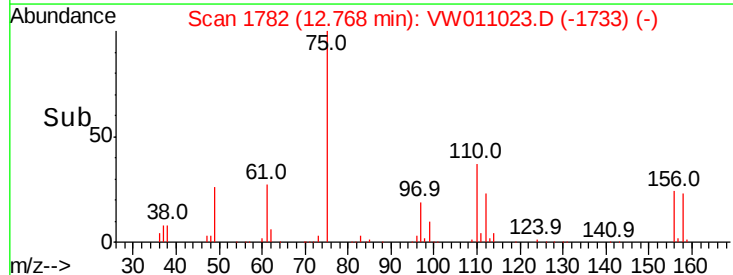
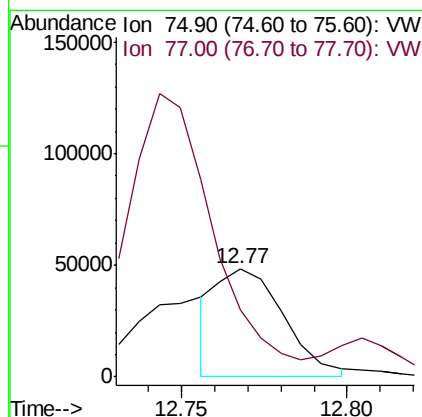
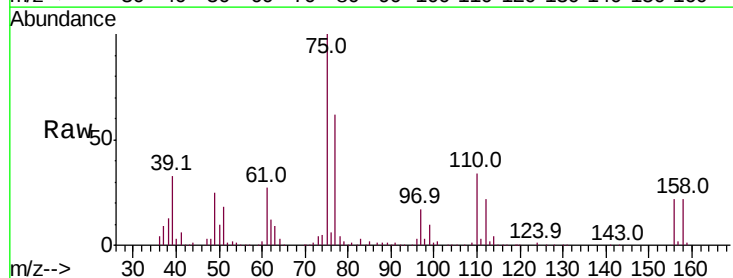
RT: 12.77 min Scan# 1782

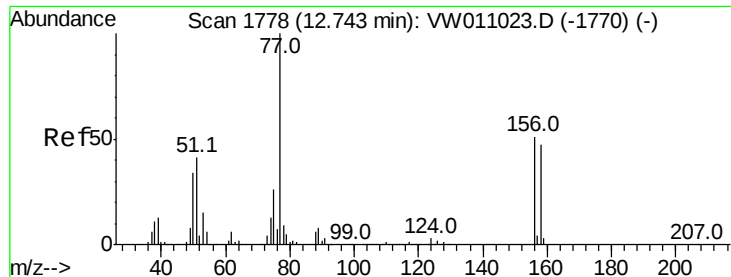
Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Tgt Ion:	75	Resp:	68689
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.961 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 105890

Ion Ratio Lower Upper

156 100

77 219.0 109.5 328.5

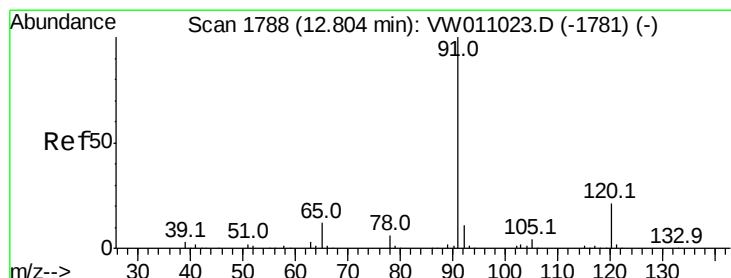
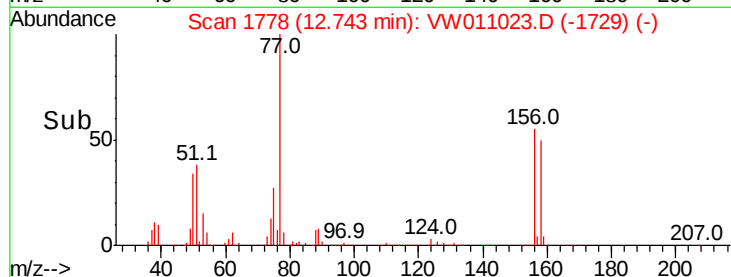
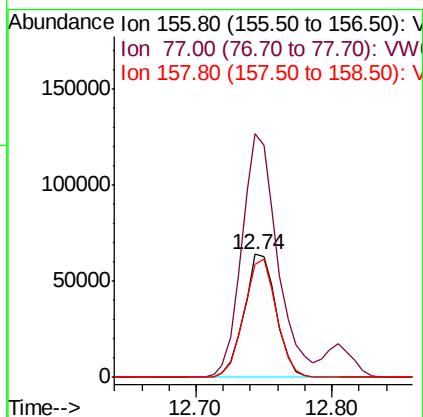
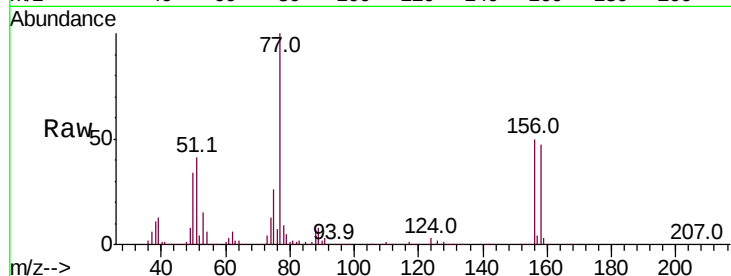
158 97.3 48.6 145.9

Manual Integrations

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#78

n-propylbenzene

Concen: 49.630 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011023.D

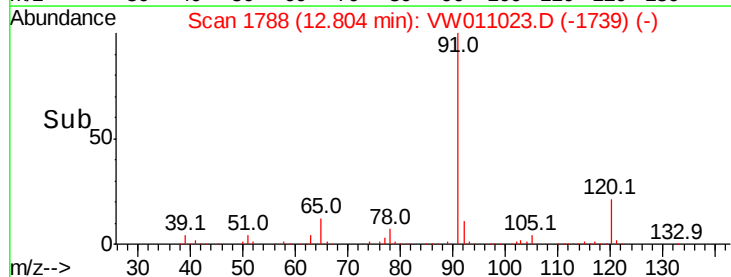
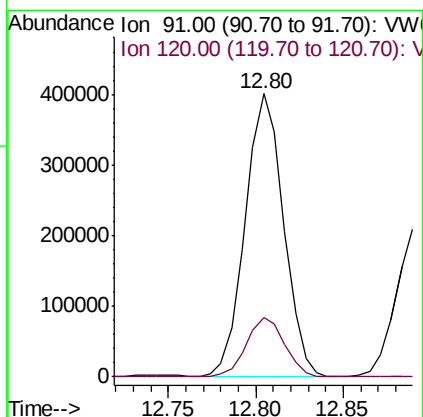
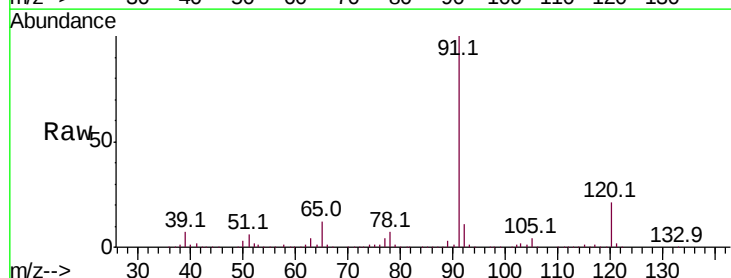
Acq: 27 Jun 2019 16:22

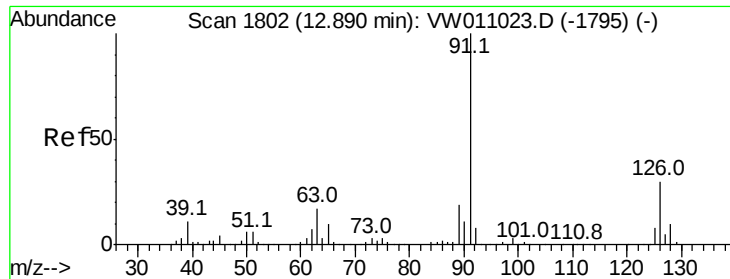
Tgt Ion: 91 Resp: 609046

Ion Ratio Lower Upper

91 100

120 21.1 10.5 31.6





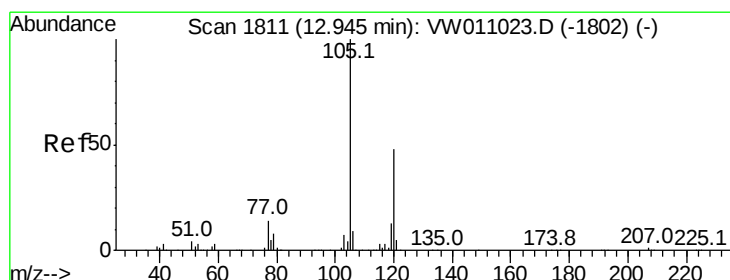
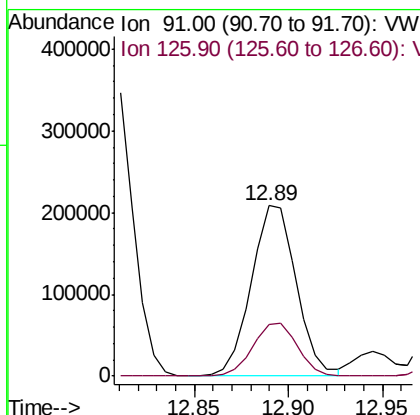
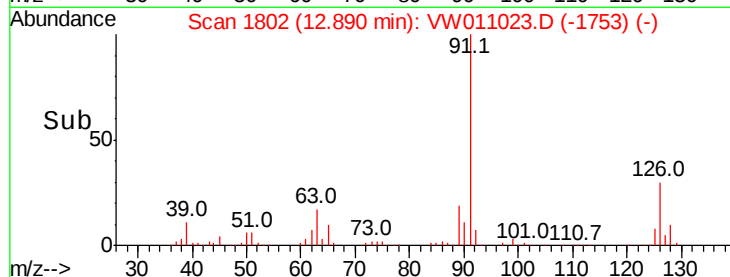
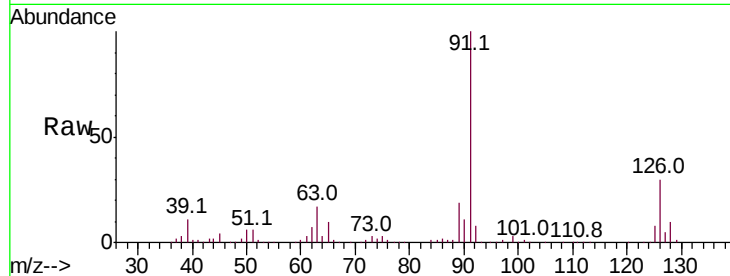
#79
2-Chlorotoluene
Concen: 49.276 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 345451
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.4

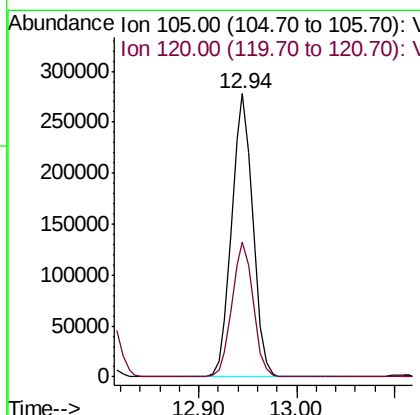
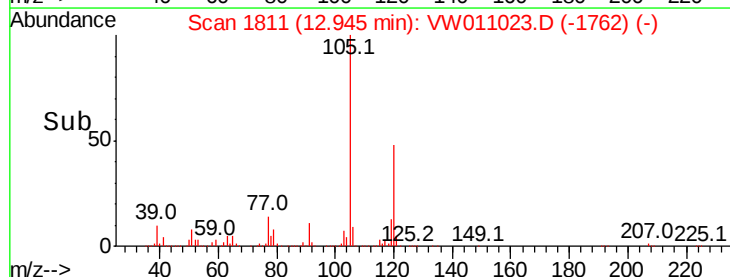
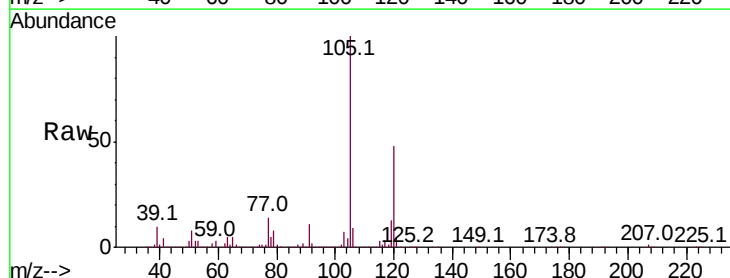
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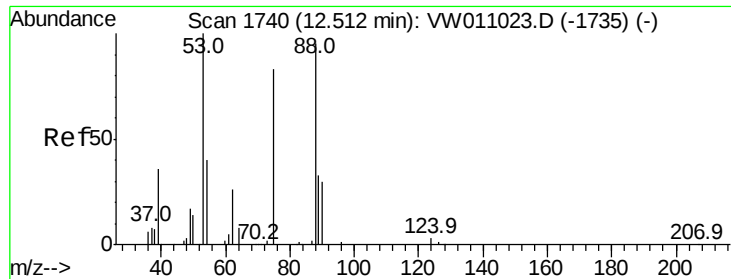
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#80
1,3,5-Trimethylbenzene
Concen: 49.945 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion: 105 Resp: 416941
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.5





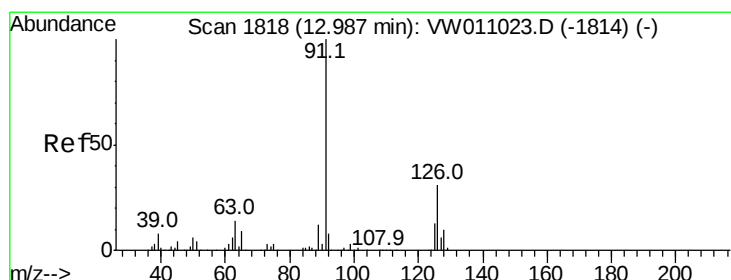
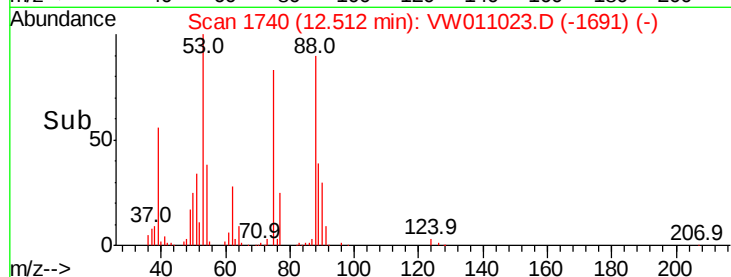
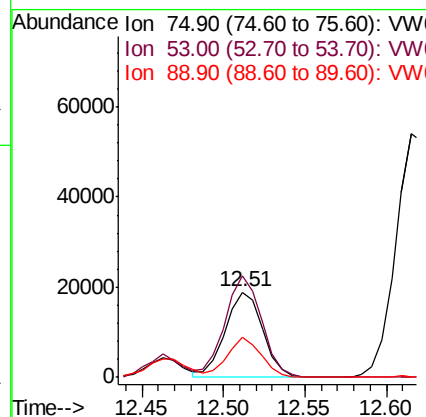
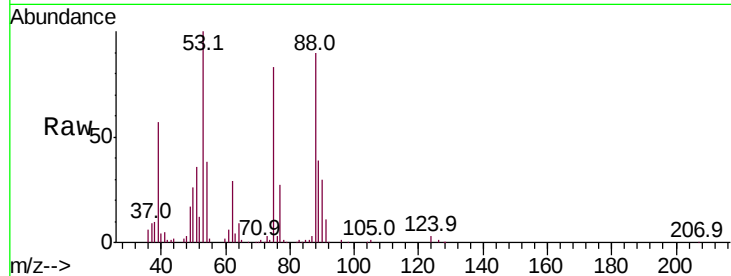
#81
trans-1,4-Dichloro-2-butene
Concen: 48.515 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	119.5	95.6	143.4
89	43.0	34.4	51.6

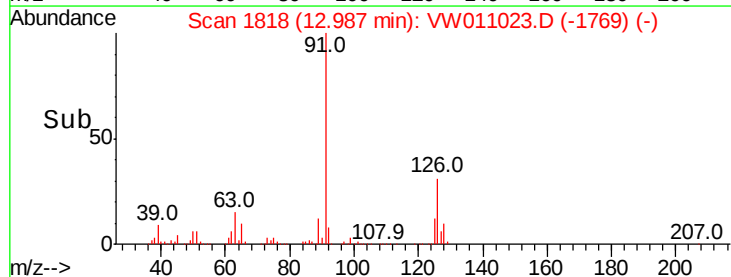
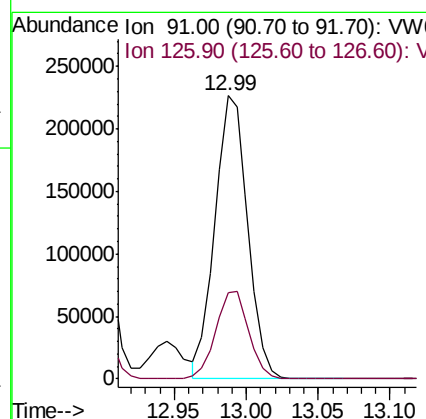
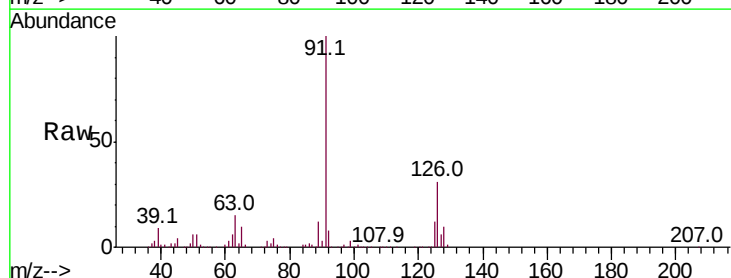
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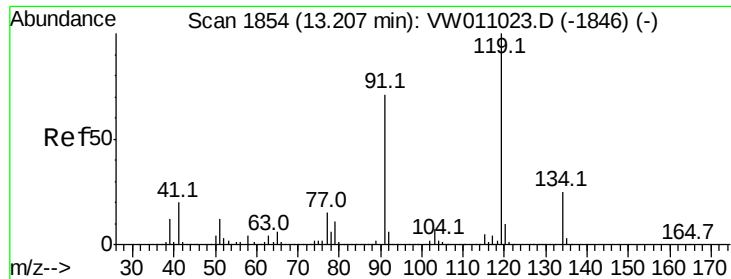
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#82
4-Chlorotoluene
Concen: 49.405 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.7	47.1





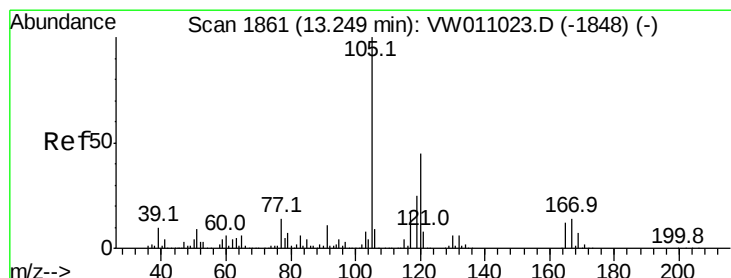
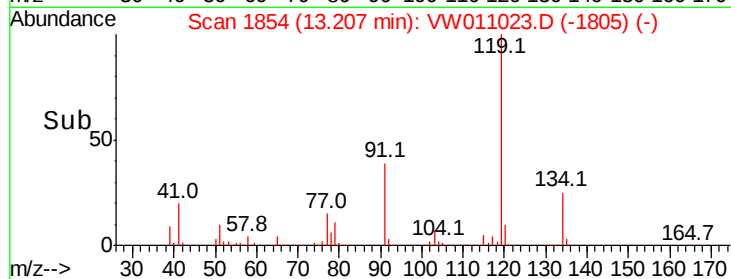
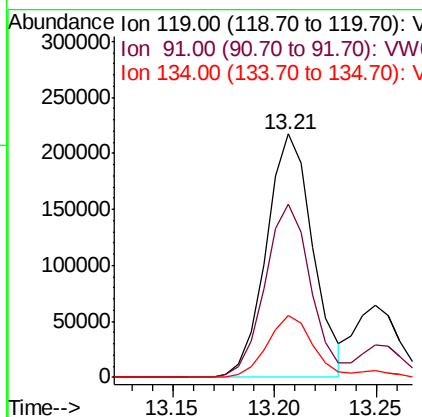
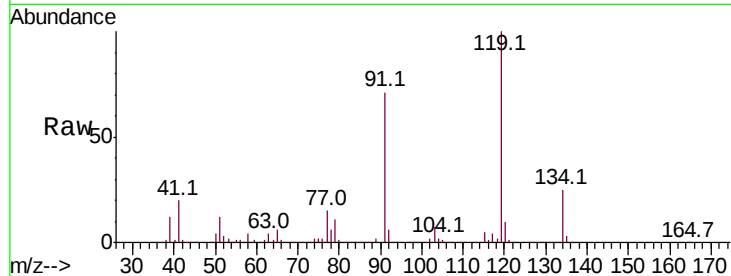
#83
 tert-Butylbenzene
 Concen: 48.919 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.0	35.5	106.5
134	24.8	12.4	37.2

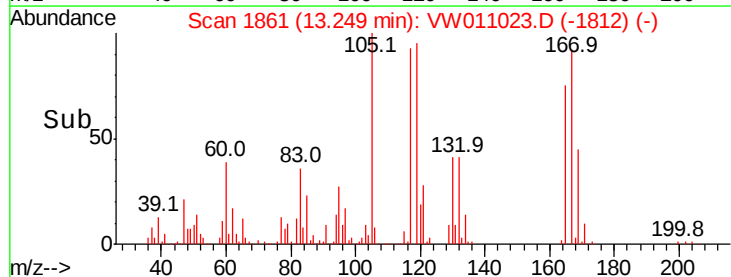
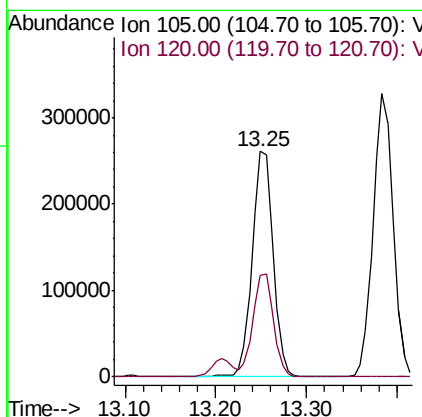
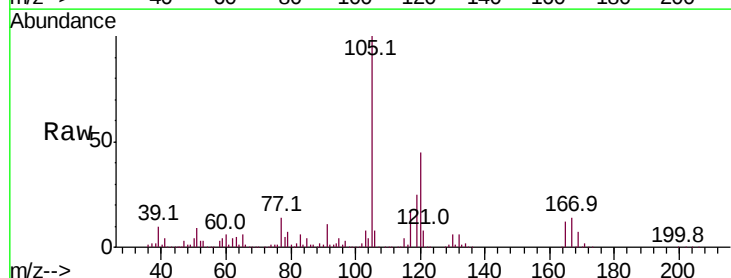
Manual Integrations
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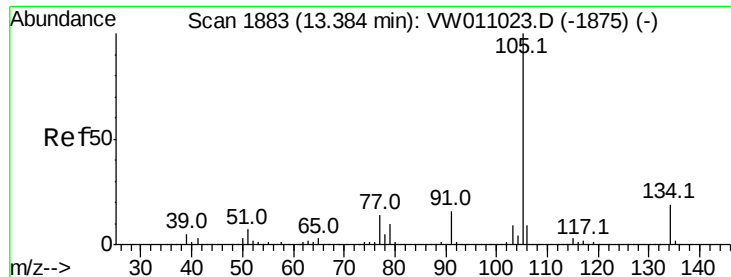
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 6/28/2019 10:25:04 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.738 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.2





#85

sec-Butylbenzene

Concen: 48.833 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 501155

Ion Ratio Lower Upper

105 100

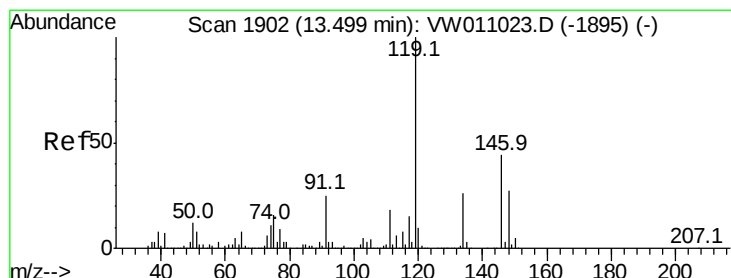
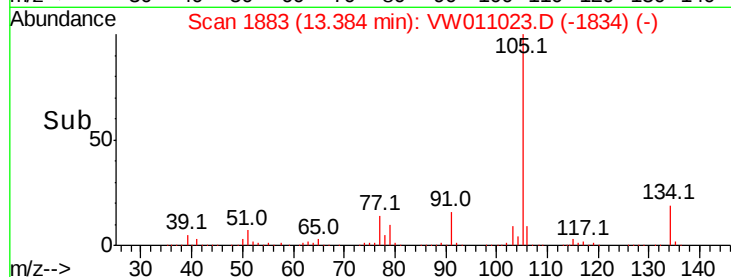
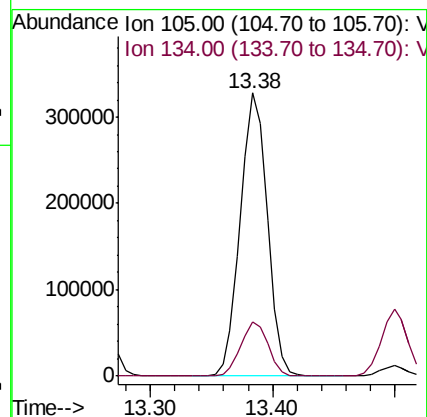
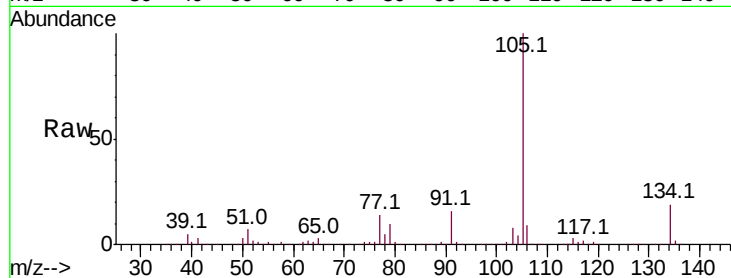
134 19.2 9.6 28.8

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#86

p-Isopropyltoluene

Concen: 48.903 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

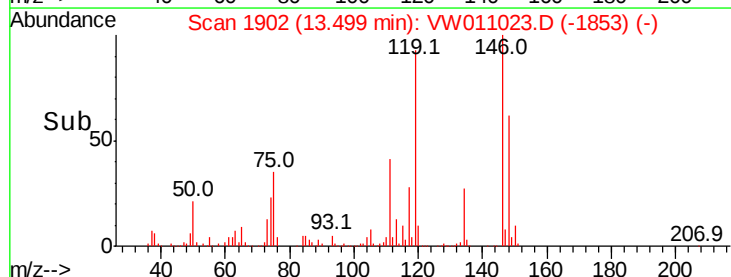
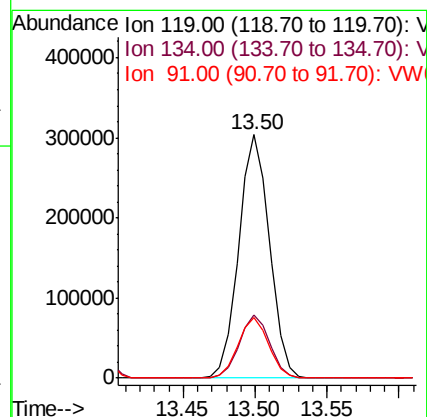
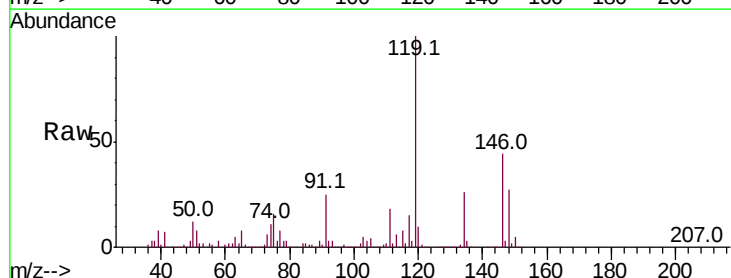
Tgt Ion:119 Resp: 449264

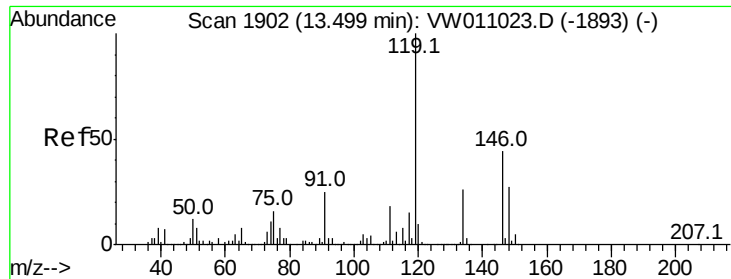
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 24.6 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 49.157 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

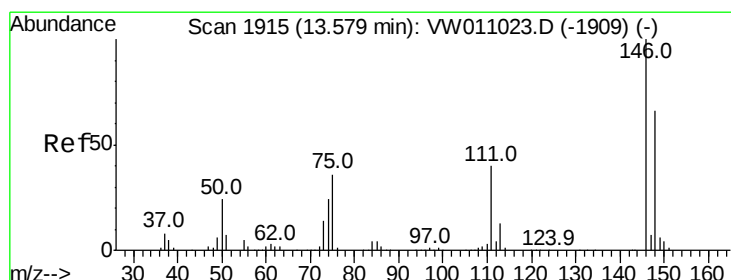
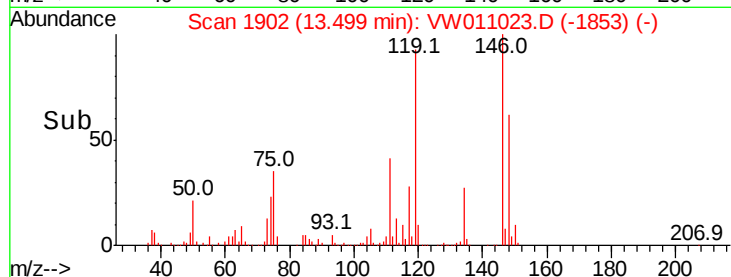
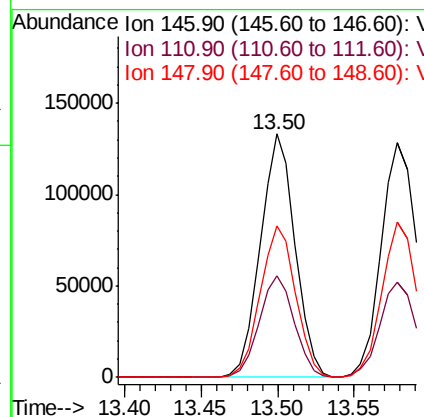
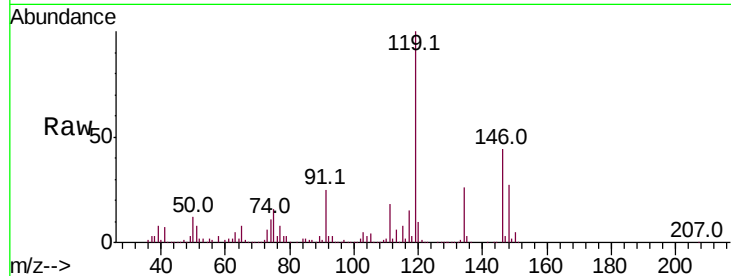
Instrument :
MSVOA_W

ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	210095		
111	41.9	20.9	62.8	
148	63.6	31.8	95.4	

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#88

1,4-Dichlorobenzene

Concen: 48.601 ug/l

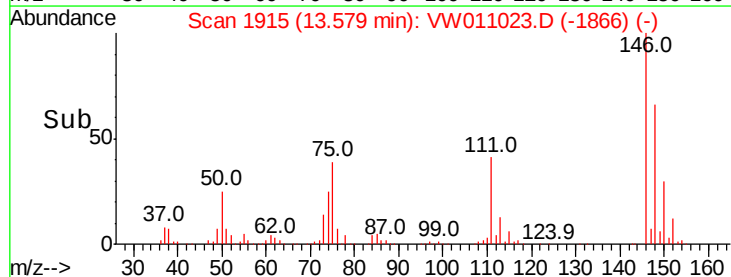
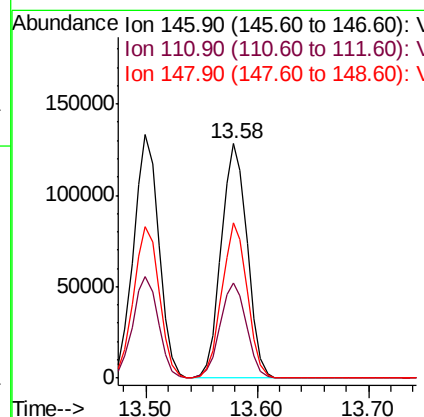
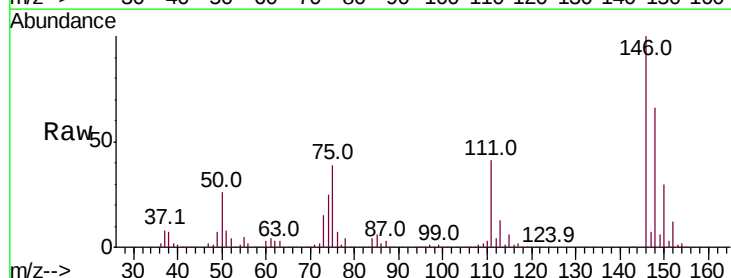
RT: 13.58 min Scan# 1915

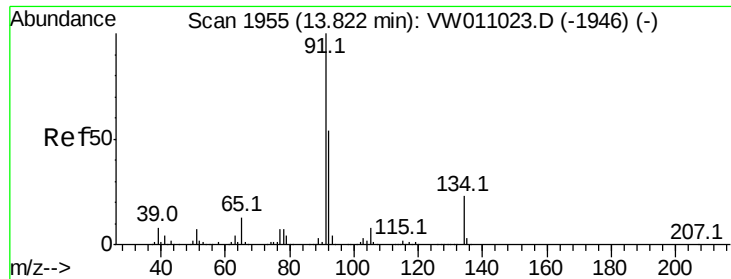
Delta R.T. 0.00 min

Lab File: VW011023.D

Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	206497		
111	41.3	20.6	61.9	
148	64.8	32.4	97.2	





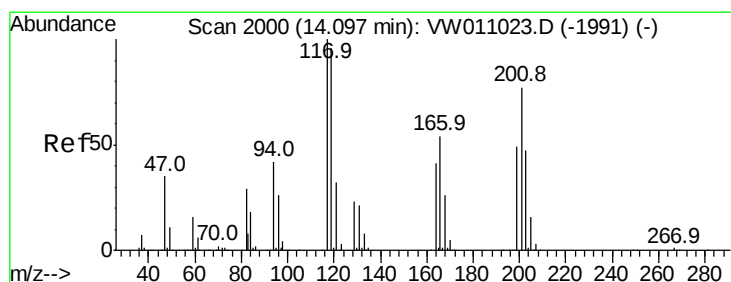
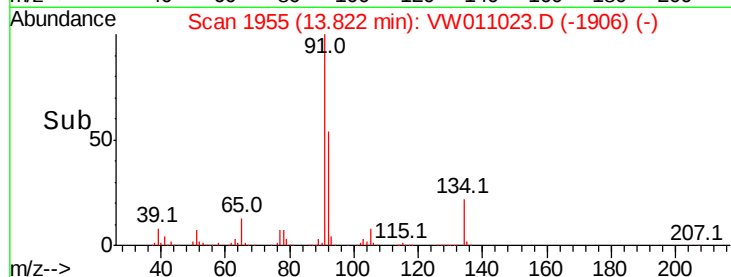
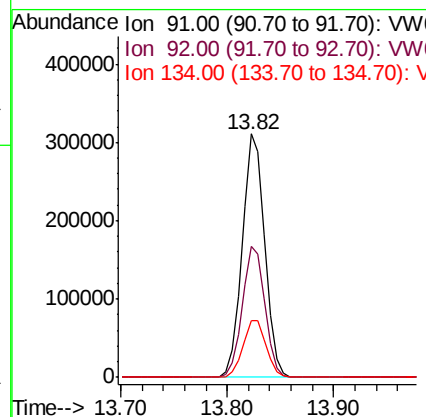
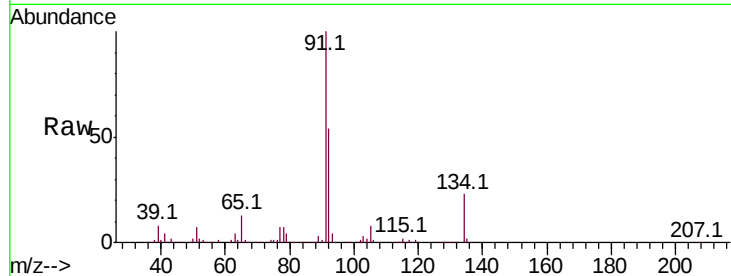
#89
n-Butylbenzene
Concen: 50.023 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.1	81.2
134	24.1	12.0	36.1

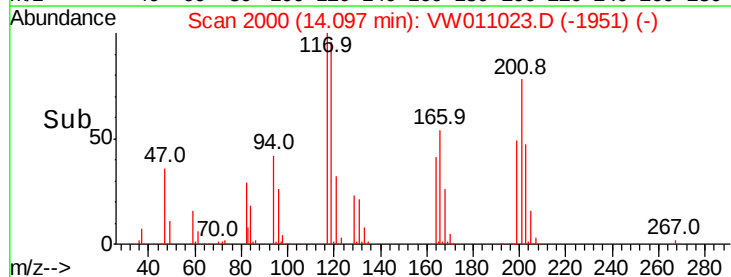
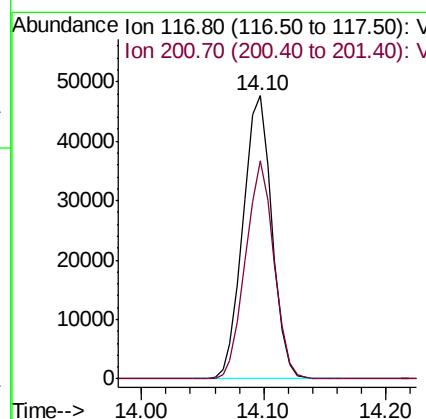
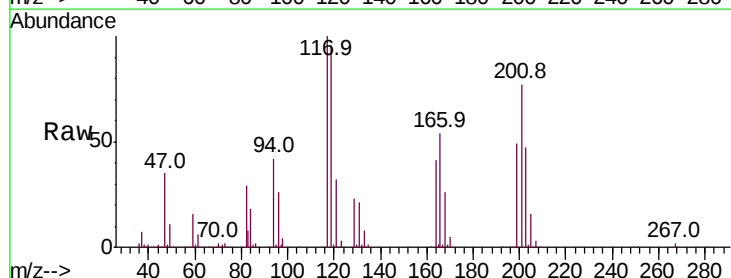
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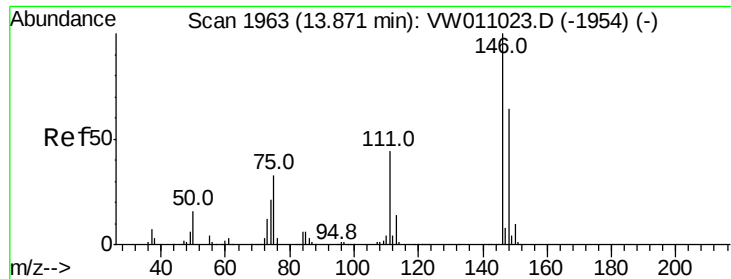
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#90
Hexachloroethane
Concen: 47.883 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.0	38.0	114.0





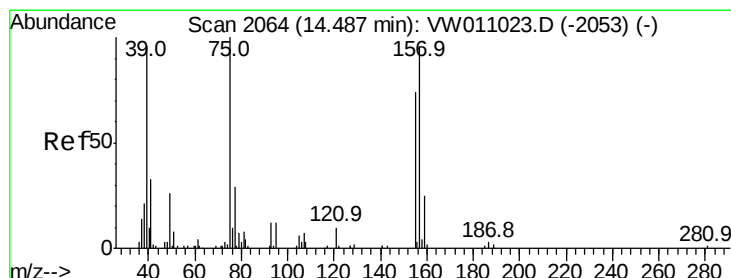
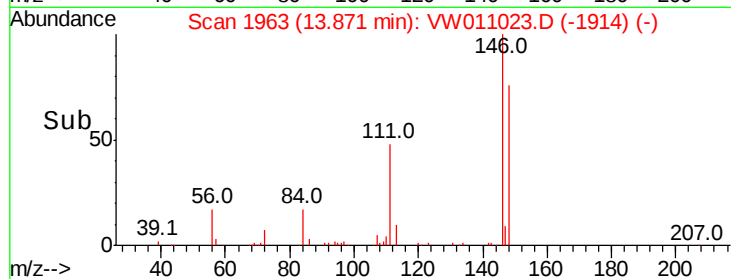
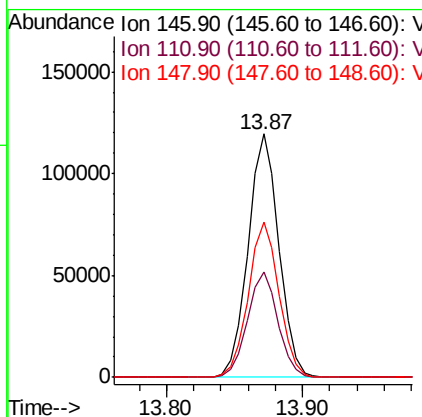
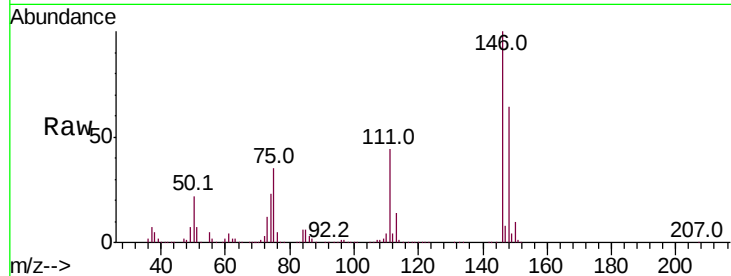
#91
 1,2-Dichlorobenzene
 Concen: 49.050 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.4	64.3
148	63.5	31.8	95.3

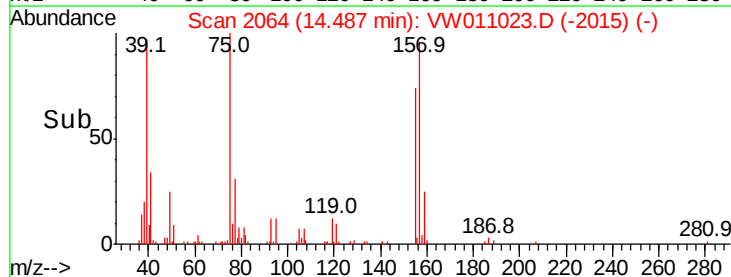
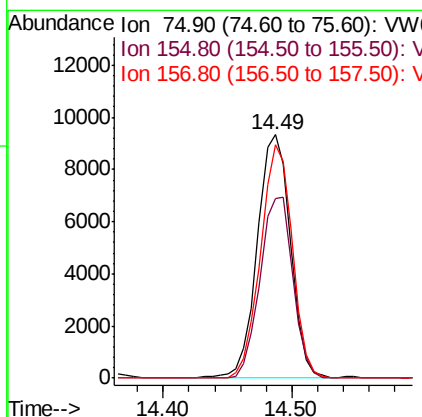
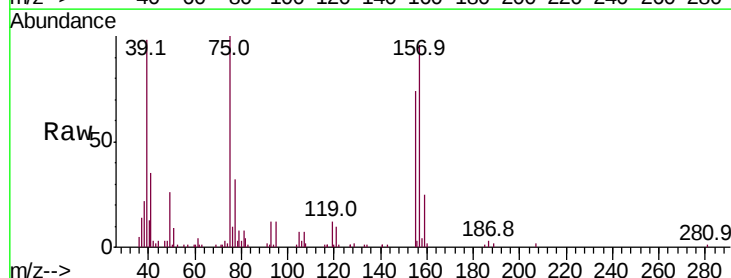
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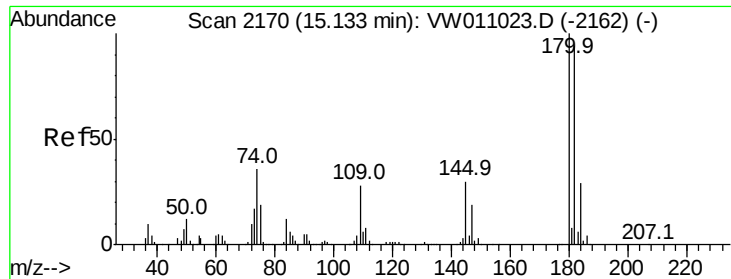
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.441 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011023.D
 Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.9	37.0	110.9
157	91.8	45.9	137.7





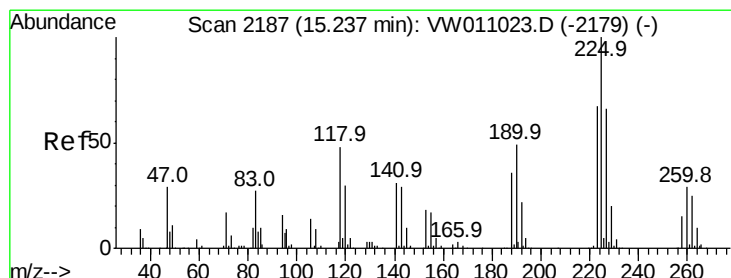
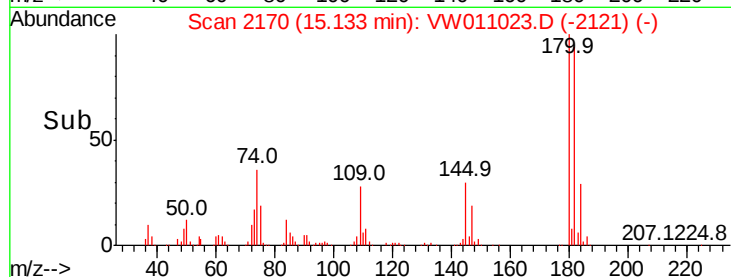
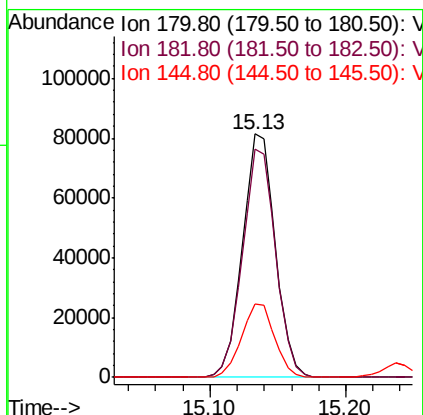
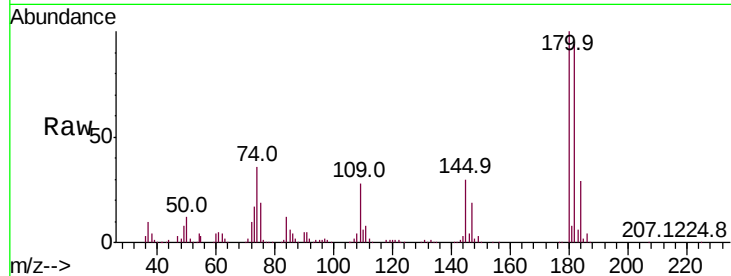
#93
1,2,4-Trichlorobenzene
Concen: 50.573 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	136954		
182	94.8	47.4	142.2	
145	30.5	15.3	45.8	

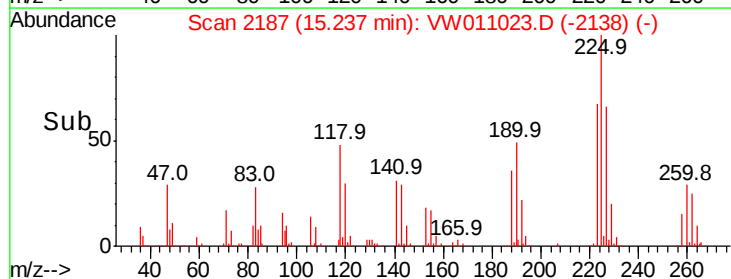
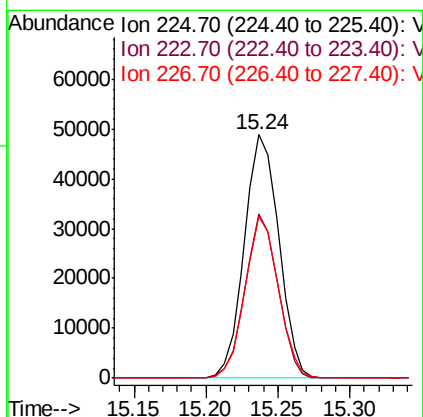
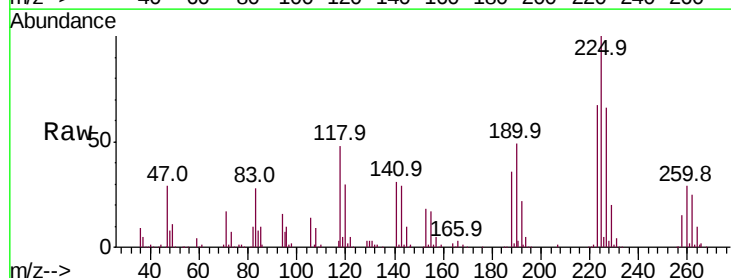
Manual Integrations
APPROVED

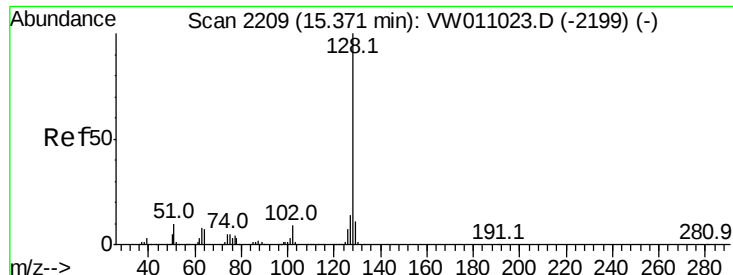
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6/28/2019 10:25:04 AM



#94
Hexachlorobutadiene
Concen: 48.111 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81214		
223	63.9	31.9	95.9	
227	63.9	31.9	95.9	





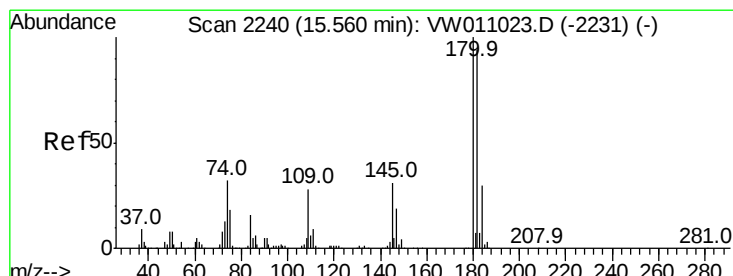
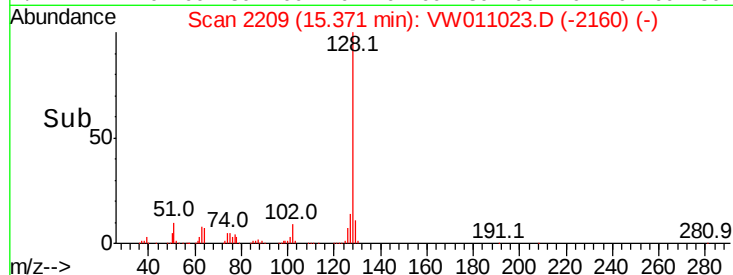
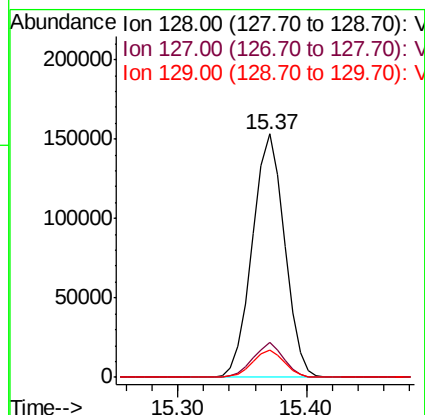
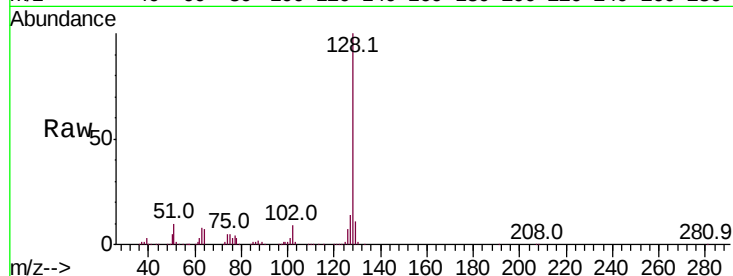
#95
Naphthalene
Concen: 53.177 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.0	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.197 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011023.D
Acq: 27 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.7
145	32.1	16.1	48.2

