

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011464.D
 Acq On : 24 Jul 2019 10:11
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 8:18:01 AM

Quant Time: Jul 24 12:10:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	404491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	167954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	138436	44.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.50%	
35) Dibromofluoromethane	7.88	113	116198	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.32	98	463166	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.62	95	170592	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	71547	38.966	ug/l	96
3) Chloromethane	2.21	50	106164	44.871	ug/l	98
4) Vinyl Chloride	2.36	62	136529	44.088	ug/l	96
5) Bromomethane	2.77	94	70762	45.474	ug/l	96
6) Chloroethane	2.92	64	78553	47.095	ug/l	99
7) Trichlorofluoromethane	3.25	101	64481	58.613	ug/l	99
8) Diethyl Ether	3.68	74	75570	49.646	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	121464	46.095	ug/l	99
10) Methyl Iodide	4.27	142	177561	48.993	ug/l	97
11) Tert butyl alcohol	5.18	59	49724	217.101	ug/l	98
12) 1,1-Dichloroethene	4.04	96	127779	46.720	ug/l	93
13) Acrolein	3.89	56	47455	260.199	ug/l	98
14) Allyl chloride	4.66	41	280148	56.171	ug/l	96
15) Acrylonitrile	5.36	53	187503	241.869	ug/l	99
16) Acetone	4.12	43	216017	290.212	ug/l	98
17) Carbon Disulfide	4.38	76	366959	44.257	ug/l	99
18) Methyl Acetate	4.67	43	91161	42.865	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	215751	51.990	ug/l	99
20) Methylene Chloride	4.92	84	142807	48.634	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	138208	48.632	ug/l	94
22) Diisopropyl ether	6.31	45	534805	49.856	ug/l	97
23) Vinyl Acetate	6.25	43	1711933	257.877	ug/l	99
24) 1,1-Dichloroethane	6.21	63	281804	50.029	ug/l	99
25) 2-Butanone	7.17	43	292476	250.317	ug/l	99
26) 2,2-Dichloropropane	7.16	77	157051	53.637	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	154746	50.478	ug/l	100
28) Bromochloromethane	7.51	49	115771	45.201	ug/l	98
29) Tetrahydrofuran	7.52	42	174117	227.264	ug/l	99
30) Chloroform	7.67	83	254405	48.768	ug/l	100
31) Cyclohexane	7.95	56	267319	44.609	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	195472	49.259	ug/l	98
36) 1,1-Dichloropropene	8.08	75	207645	48.206	ug/l	100
37) Ethyl Acetate	7.25	43	119755	46.273	ug/l	99
38) Carbon Tetrachloride	8.07	117	176181	48.249	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	250982	48.073	ug/l	99
40) Benzene	8.32	78	589110	49.488	ug/l	99
41) Methacrylonitrile	7.48	41	77202	52.157	ug/l	93
42) 1,2-Dichloroethane	8.40	62	180431	46.724	ug/l	98
43) Isopropyl Acetate	8.42	43	228066	46.676	ug/l	99
44) Trichloroethene	9.09	130	143677	50.156	ug/l	100
45) 1,2-Dichloropropane	9.37	63	159950	49.619	ug/l	100
46) Dibromomethane	9.46	93	71621	47.297	ug/l	97
47) Bromodichloromethane	9.64	83	189624	48.941	ug/l	99
48) Methyl methacrylate	9.43	41	109733	46.681	ug/l	97
49) 1,4-Dioxane	9.45	88	21549	852.546	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	591481	231.735	ug/l	100
52) Toluene	10.38	92	361584	50.073	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	199271	48.317	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	239273	49.290	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	103031	47.960	ug/l	99
56) Ethyl methacrylate	10.64	69	158887	48.579	ug/l	96
57) 1,3-Dichloropropane	10.93	76	196280	48.317	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	361112	238.157	ug/l	100
59) 2-Hexanone	10.97	43	417553	235.893	ug/l	98
60) Dibromochloromethane	11.13	129	116572	49.485	ug/l	99
61) 1,2-Dibromoethane	11.23	107	98216	48.266	ug/l	100
64) Tetrachloroethene	10.86	164	115728	48.615	ug/l	98
65) Chlorobenzene	11.66	112	361776	50.439	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	127170	50.356	ug/l	99
67) Ethyl Benzene	11.73	91	694762	50.599	ug/l	99
68) m/p-Xylenes	11.84	106	504659	101.575	ug/l	100
69) o-Xylene	12.16	106	235692	50.332	ug/l	99
70) Styrene	12.18	104	415405	51.401	ug/l	99
71) Bromoform	12.35	173	65754	48.970	ug/l #	98
73) Isopropylbenzene	12.46	105	653139	52.021	ug/l	100
74) N-amyl acetate	12.27	43	208102	47.592	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	124709	48.456	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	102550m	52.836	ug/l	
77) Bromobenzene	12.74	156	143543	50.945	ug/l	97
78) n-propylbenzene	12.80	91	797451	51.561	ug/l	99
79) 2-Chlorotoluene	12.89	91	454274	51.042	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	547801	51.358	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	41254	48.074	ug/l	95
82) 4-Chlorotoluene	12.99	91	475425	51.287	ug/l	100
83) tert-Butylbenzene	13.21	119	465275	52.304	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	548254	51.190	ug/l	100
85) sec-Butylbenzene	13.38	105	658231	51.280	ug/l	100
86) p-Isopropyltoluene	13.50	119	595160	51.696	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	275742	50.865	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	274782	50.336	ug/l	99
89) n-Butylbenzene	13.82	91	590895	51.450	ug/l	99
90) Hexachloroethane	14.10	117	105072	49.944	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	245716	49.962	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20599	45.123	ug/l	96

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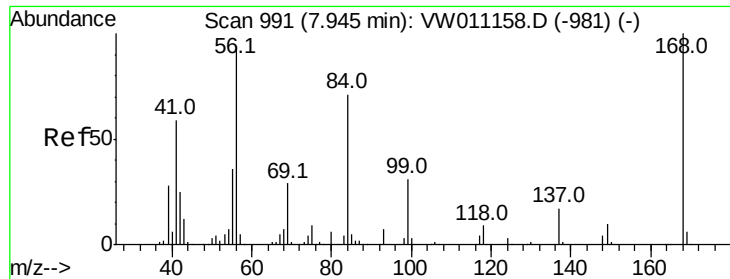
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	173756	51.294	ug/l	99
94) Hexachlorobutadiene	15.24	225	106422	51.172	ug/l	99
95) Naphthalene	15.37	128	325956	50.214	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	150209	50.244	ug/l	99

(#) = 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: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 246196

Ion Ratio Lower Upper

168 100

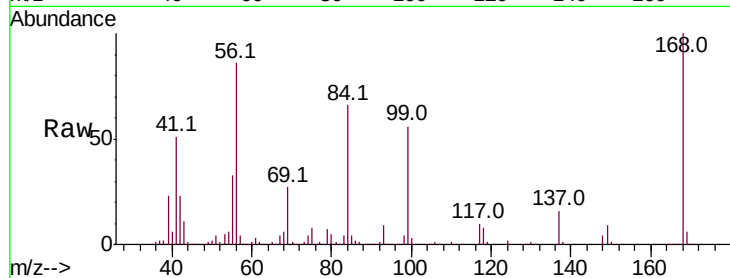
99 56.4 50.1 75.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

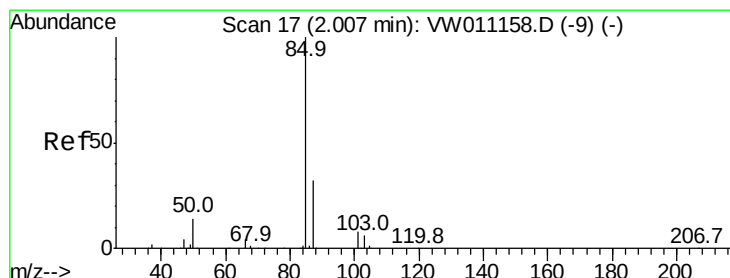
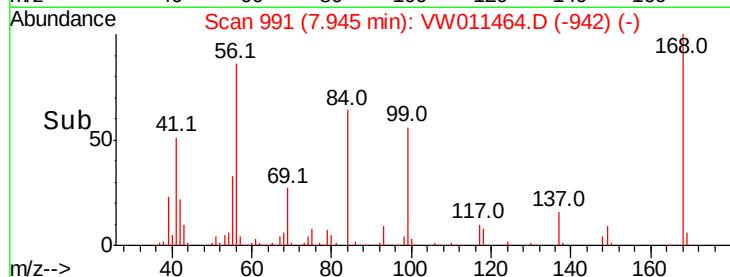
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 38.966 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011464.D

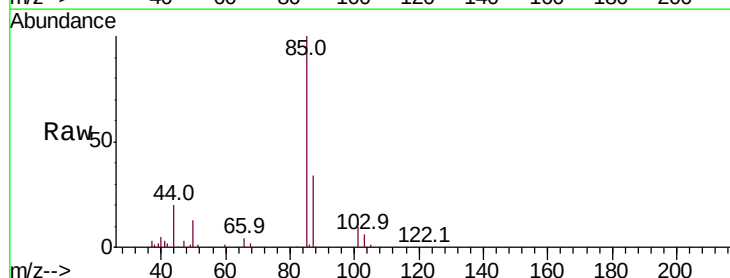
Acq: 24 Jul 2019 10:11

Tgt Ion: 85 Resp: 71547

Ion Ratio Lower Upper

85 100

87 34.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

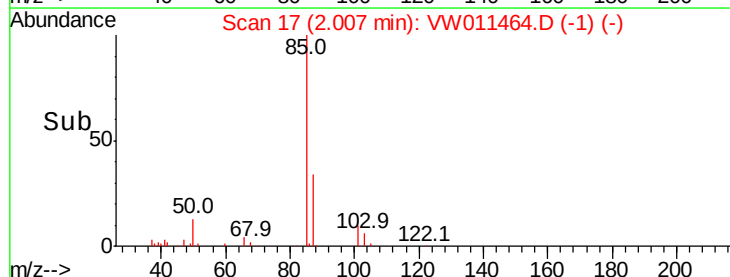
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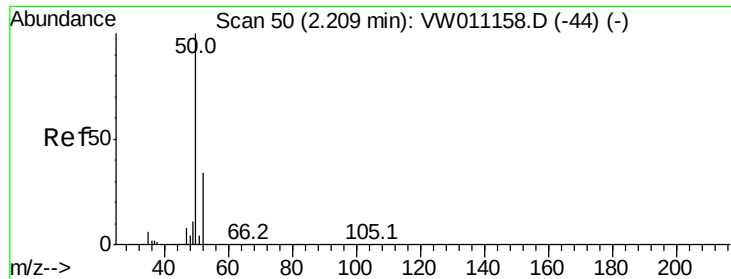
10000

5000

0

Time--> 2.00 2.20





#3

Chloromethane

Concen: 44.871 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 106164

Ion Ratio Lower Upper

50 100

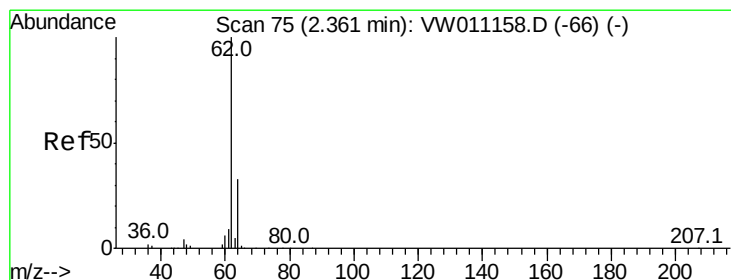
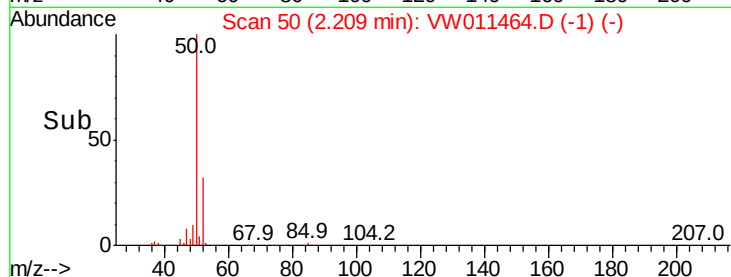
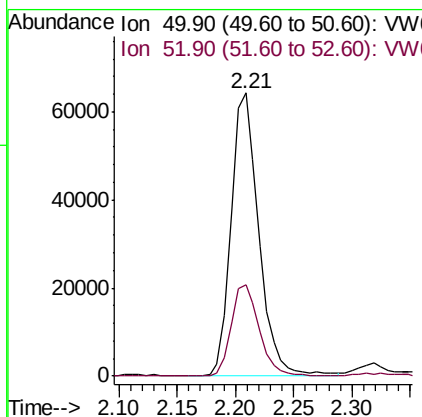
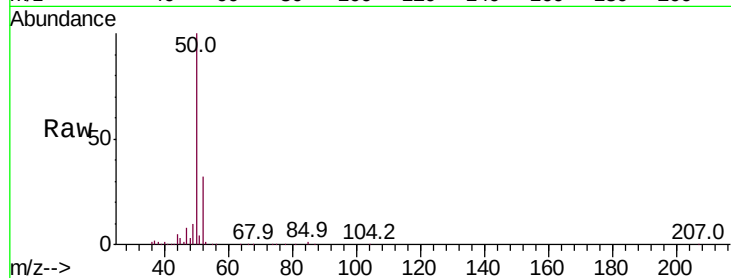
52 32.4 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.088 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011464.D

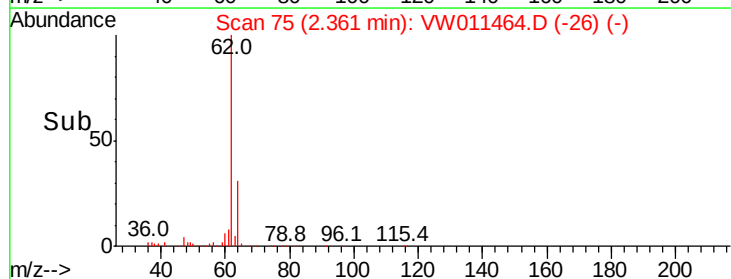
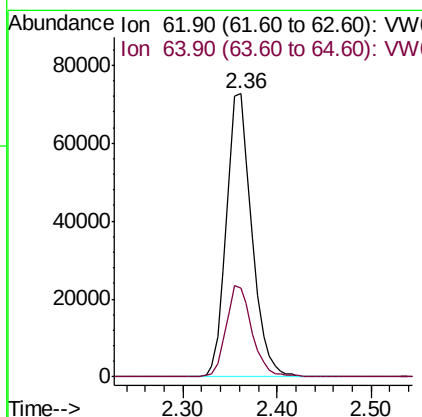
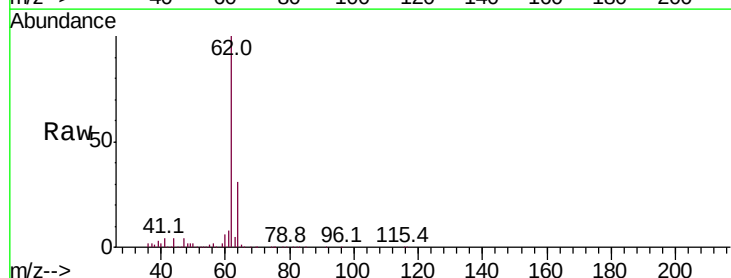
Acq: 24 Jul 2019 10:11

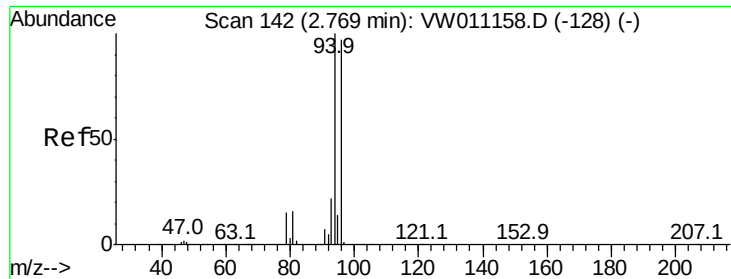
Tgt Ion: 62 Resp: 136529

Ion Ratio Lower Upper

62 100

64 31.0 26.6 40.0





#5

Bromomethane

Concen: 45.474 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 70762

Ion Ratio Lower Upper

94 100

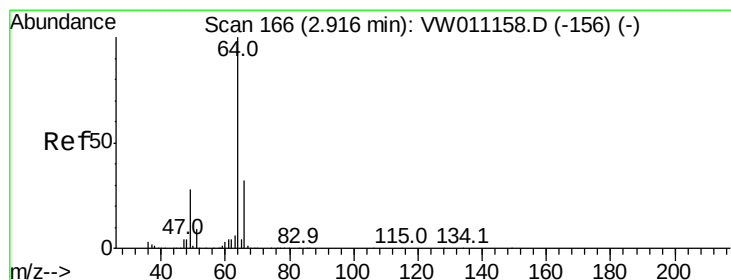
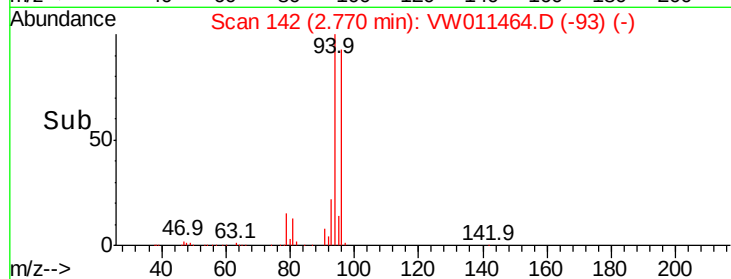
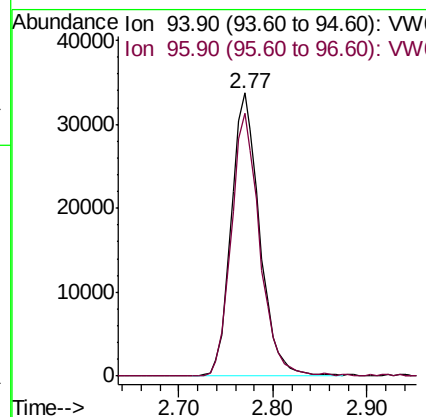
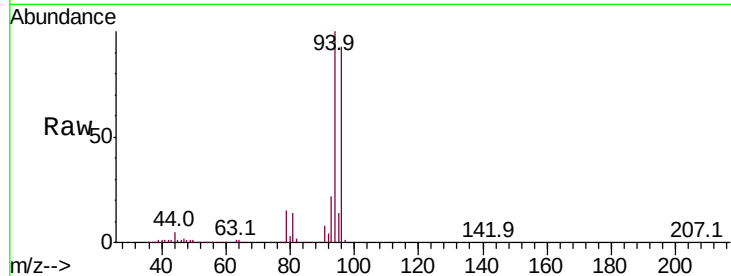
96 92.9 77.4 116.0

Manual Integrations

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#6

Chloroethane

Concen: 47.095 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011464.D

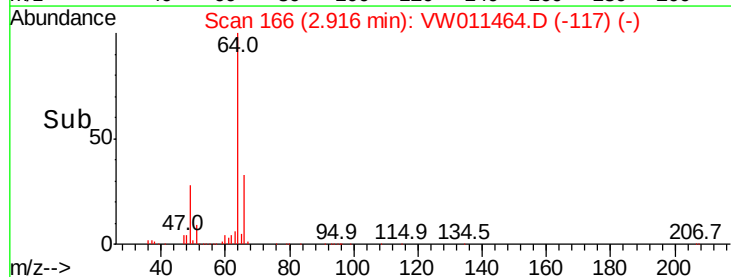
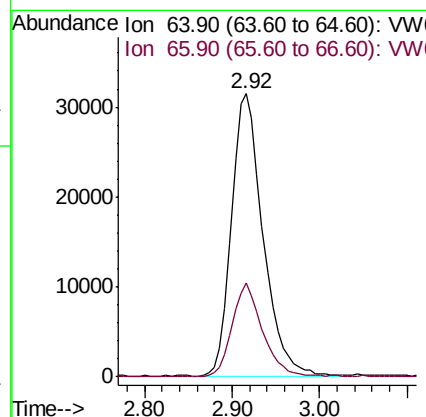
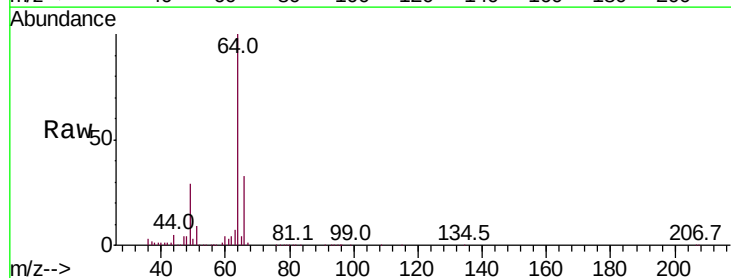
Acq: 24 Jul 2019 10:11

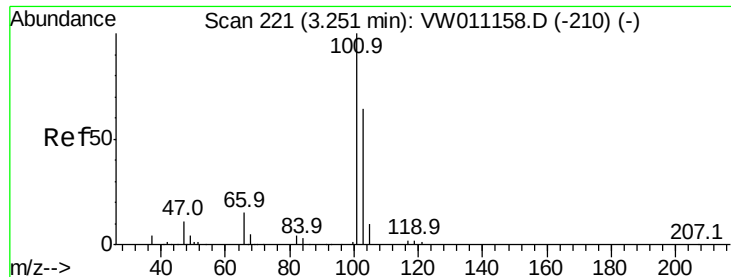
Tgt Ion: 64 Resp: 78553

Ion Ratio Lower Upper

64 100

66 33.1 25.8 38.8





#7

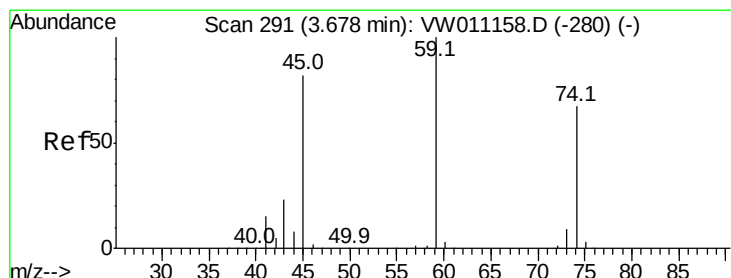
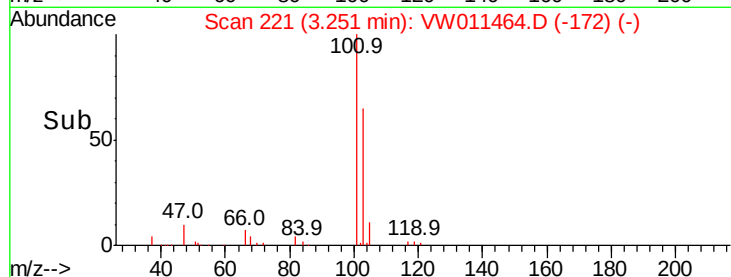
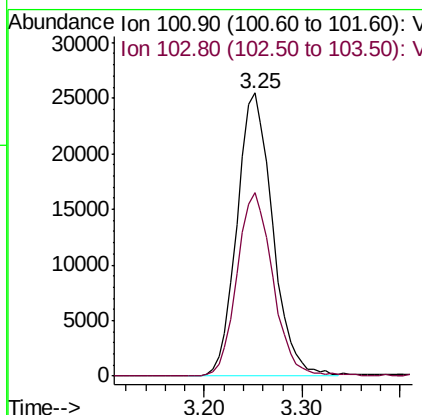
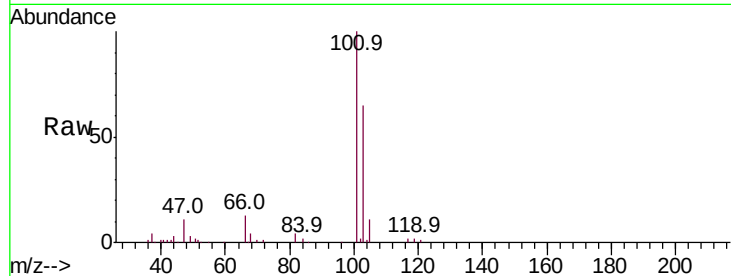
Trichlorofluoromethane
 Concen: 58.613 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW011464.D
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Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.3	76.9

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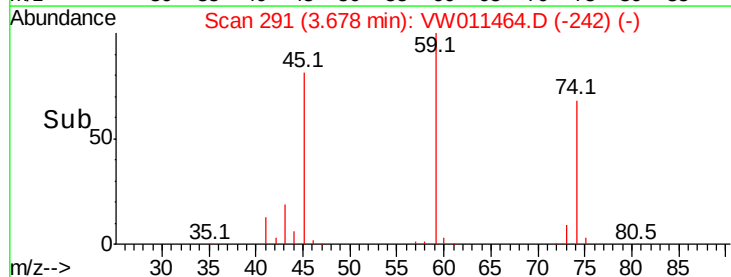
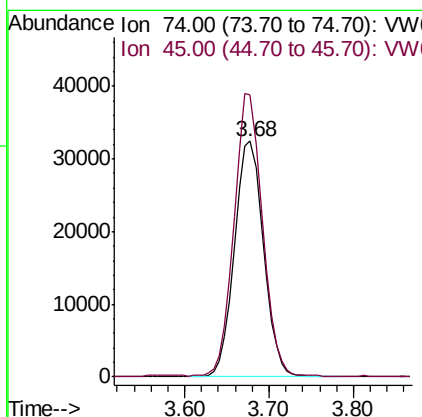
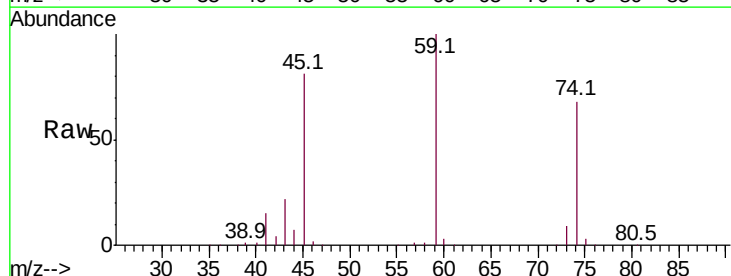
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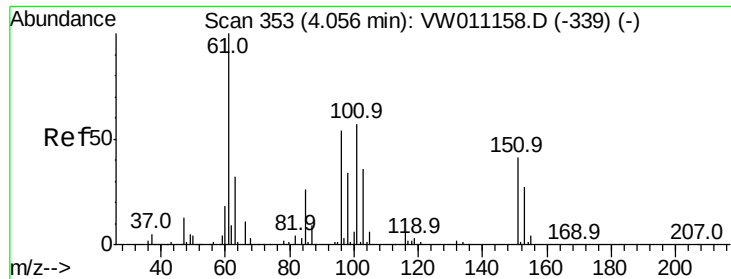


#8

Diethyl Ether
 Concen: 49.646 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.0	59.9	179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.095 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

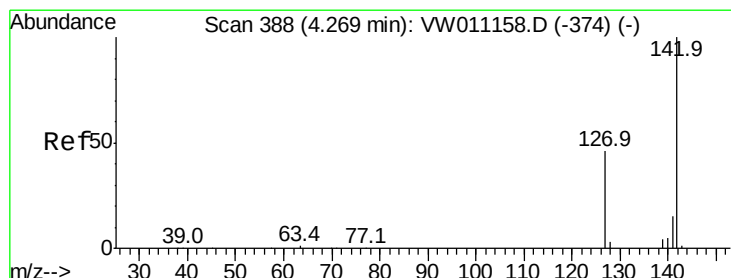
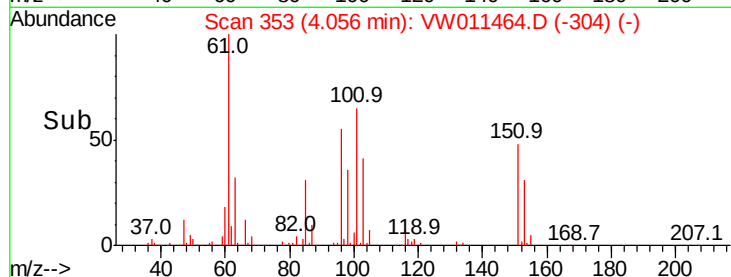
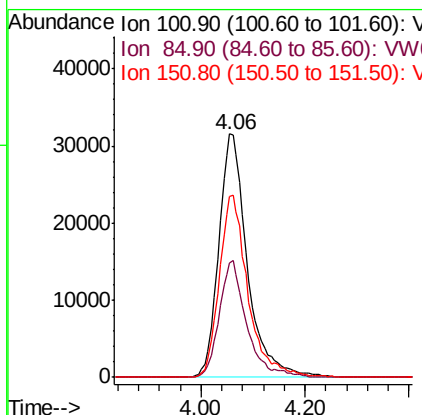
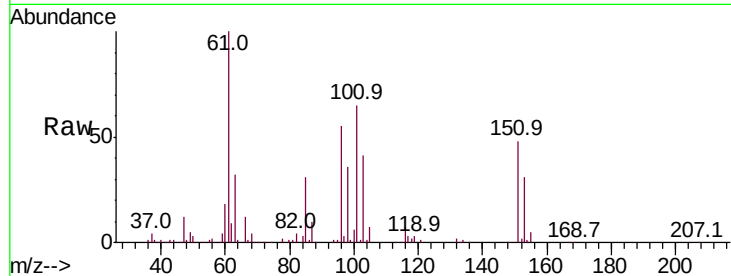
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	121464
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.5	54.7
151	75.2	59.1	88.7

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#10

Methyl Iodide

Concen: 48.993 ug/l

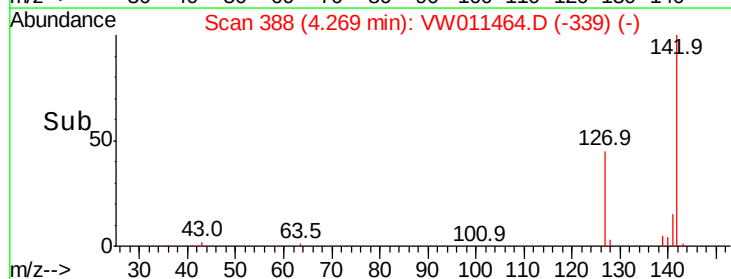
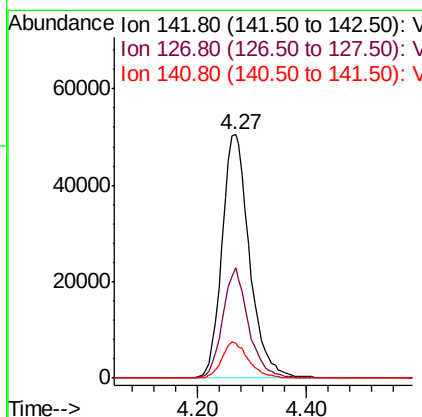
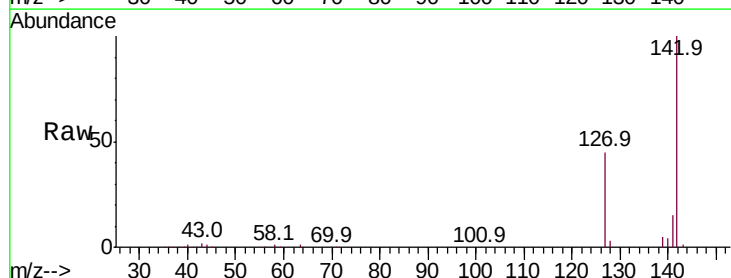
RT: 4.27 min Scan# 388

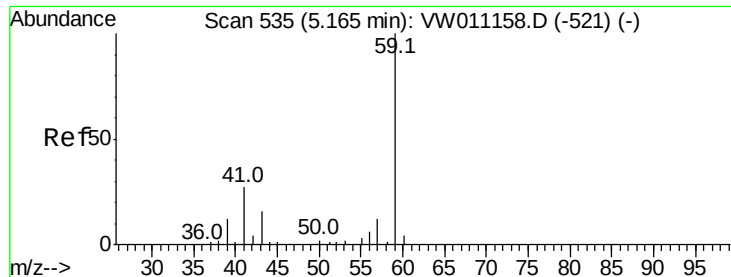
Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Tgt Ion:	142	Resp:	177561
Ion Ratio	Lower	Upper	
142	100		
127	42.4	35.7	53.5
141	14.5	11.5	17.3





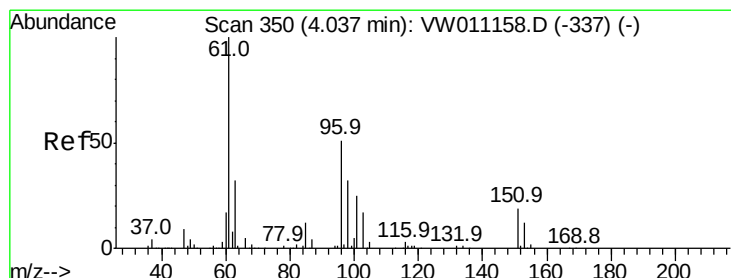
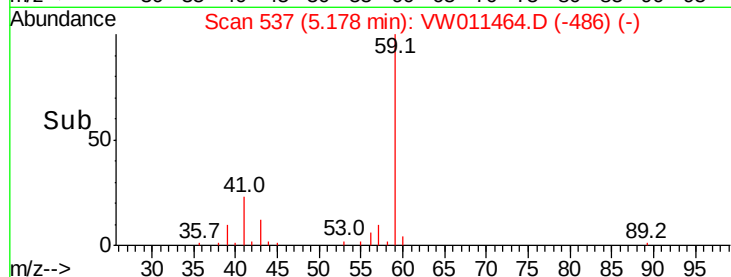
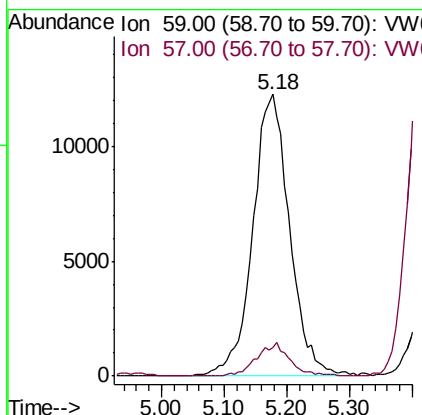
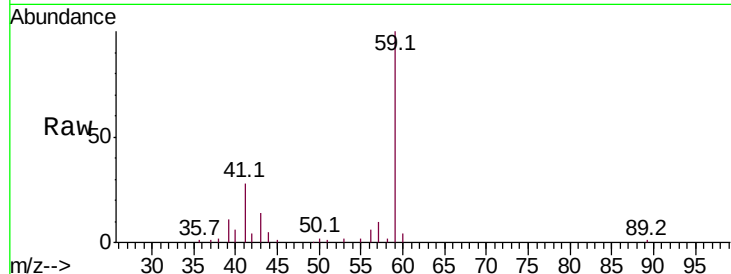
#11
Tert butyl alcohol
Concen: 217.101 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	57	Ratio	100	Resp	Lower	Upper
59	100				49724		
57	10.7					9.0	13.6

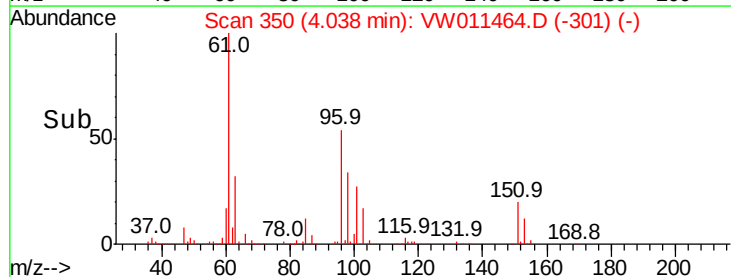
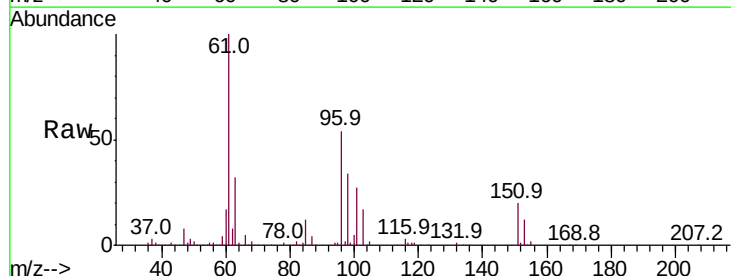
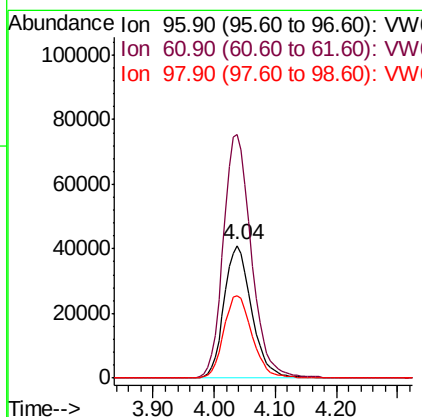
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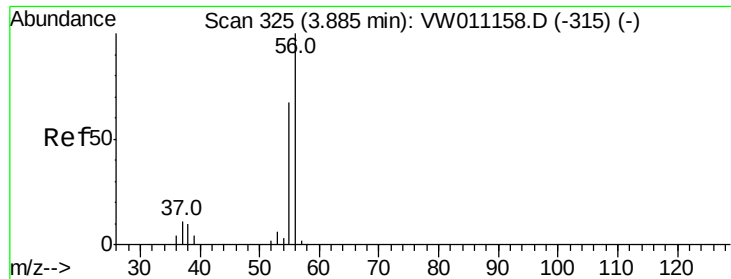
MMDadoda
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#12
1,1-Dichloroethene
Concen: 46.720 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	96	61	98	Ratio	100	Resp	Lower	Upper
96	100					127779		
61	183.7						157.7	236.5
98	62.4						50.9	76.3





#13

Acrolein

Concen: 260.199 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 47455

Ion Ratio Lower Upper

56 100

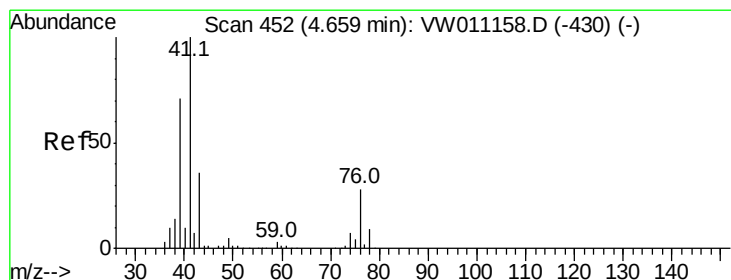
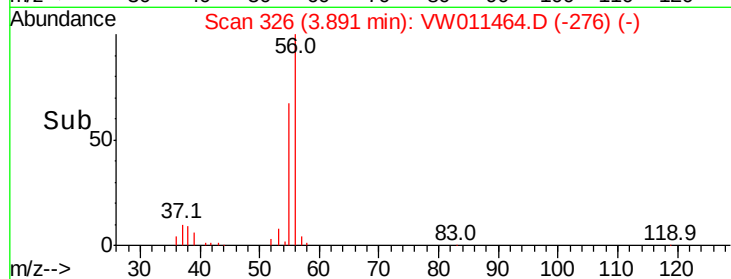
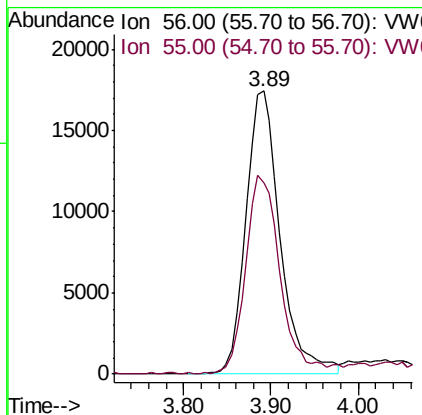
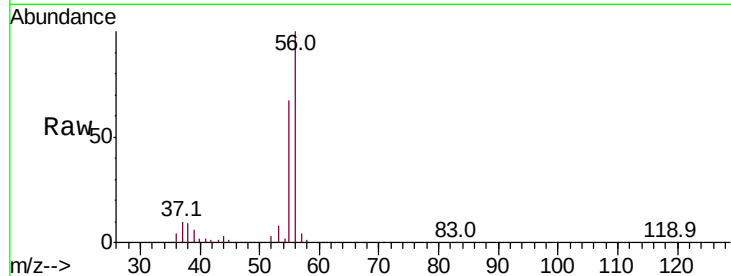
55 72.0 56.4 84.6

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#14

Allyl chloride

Concen: 56.171 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

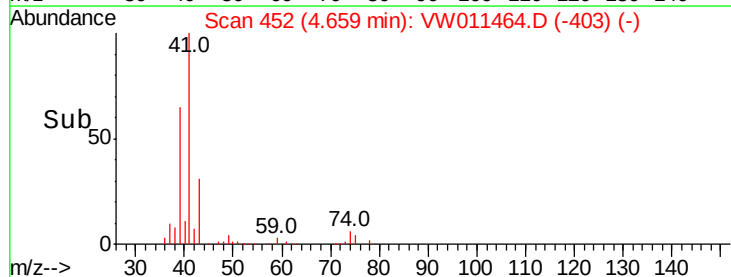
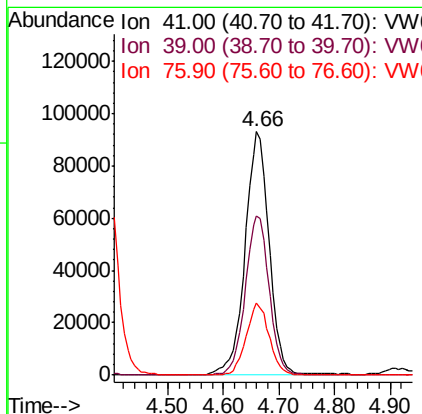
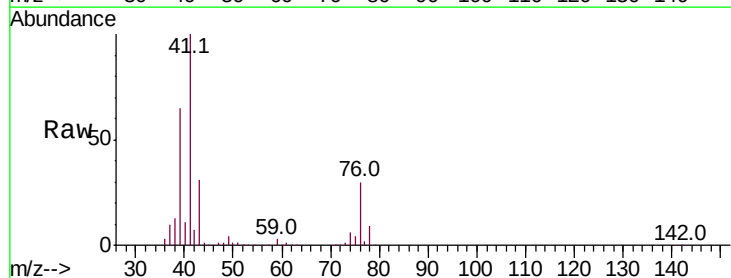
Tgt Ion: 41 Resp: 280148

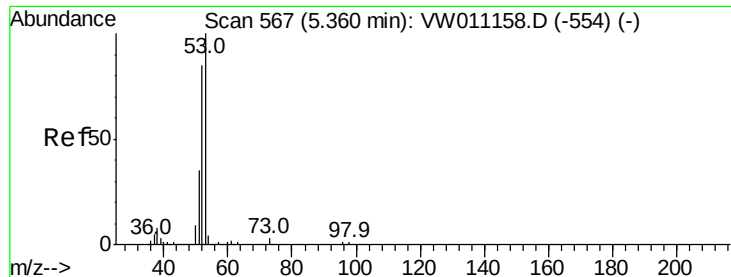
Ion Ratio Lower Upper

41 100

39 64.8 55.1 82.7

76 28.2 22.5 33.7





#15

Acrylonitrile

Concen: 241.869 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

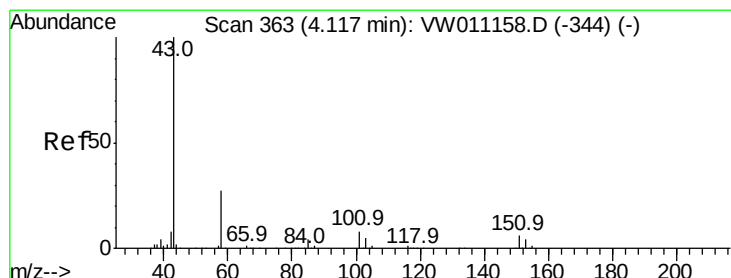
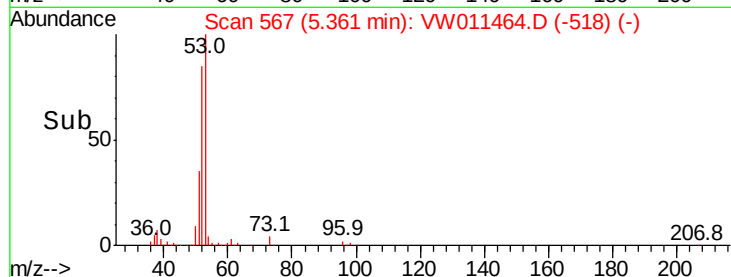
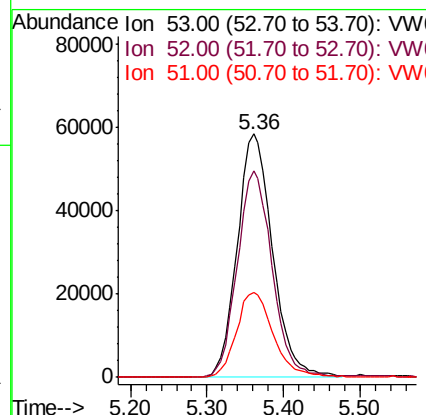
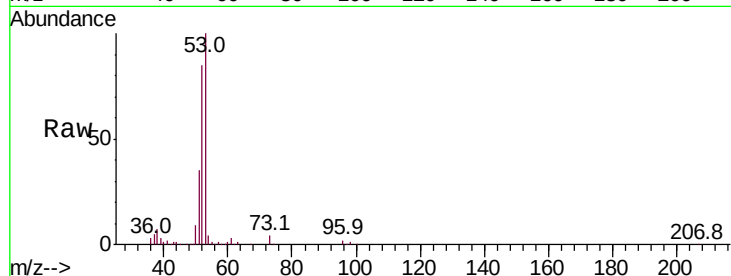
ClientSampleId :

VSTDCCC050

Tot Ion	53	Resp	187503
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.2	99.4
51	36.5	29.1	43.7

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#16

Acetone

Concen: 290.212 ug/l

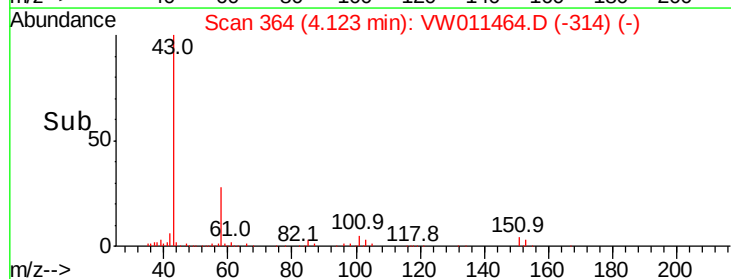
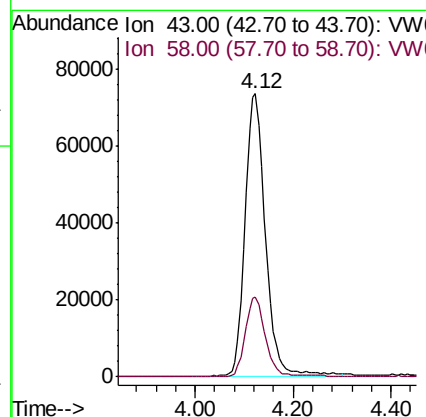
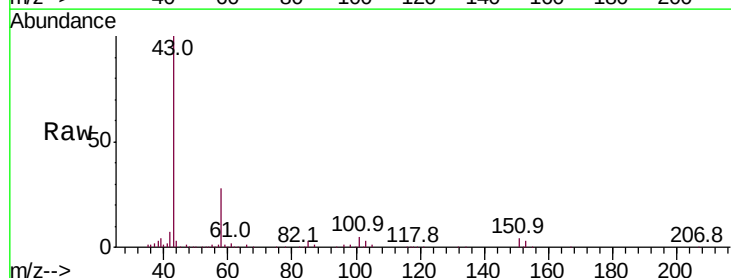
RT: 4.12 min Scan# 364

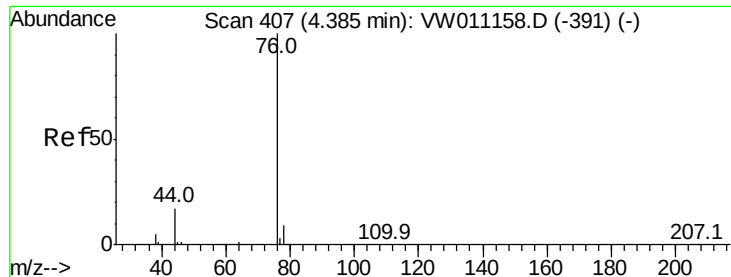
Delta R.T. 0.01 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Tgt Ion	43	Resp	216017
Ion	Ratio	Lower	Upper
43	100		
58	28.1	21.8	32.6





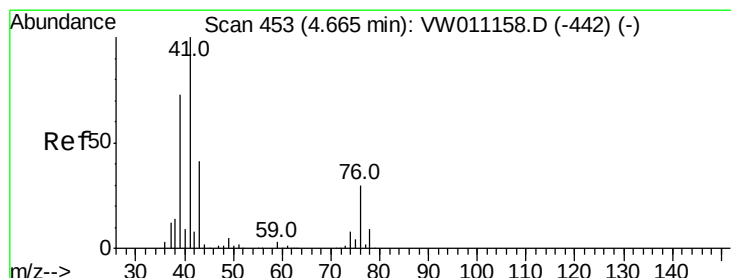
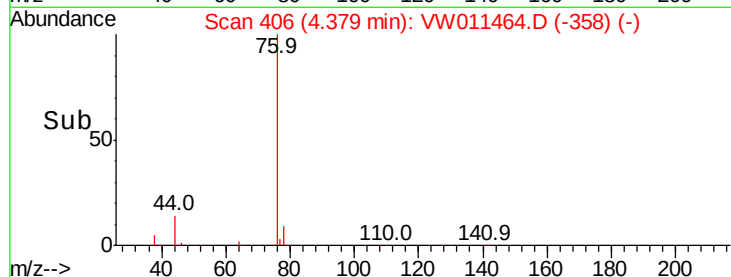
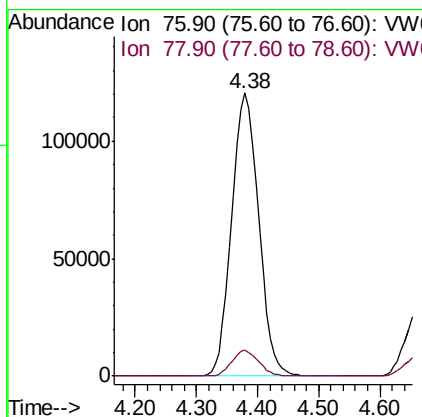
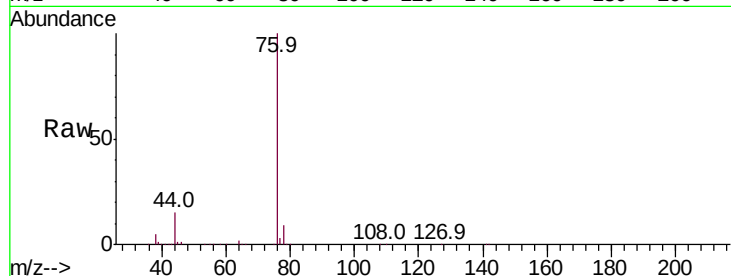
#17
Carbon Disulfide
Concen: 44.257 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

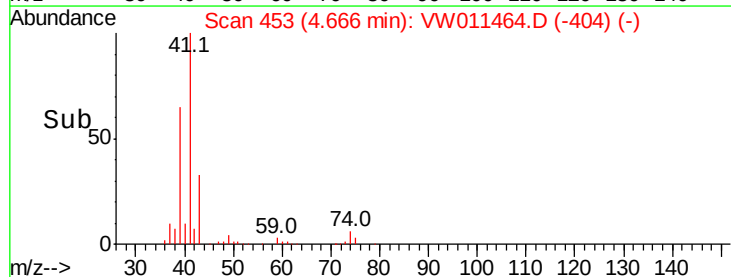
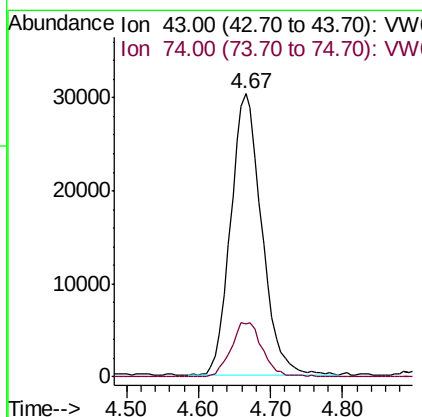
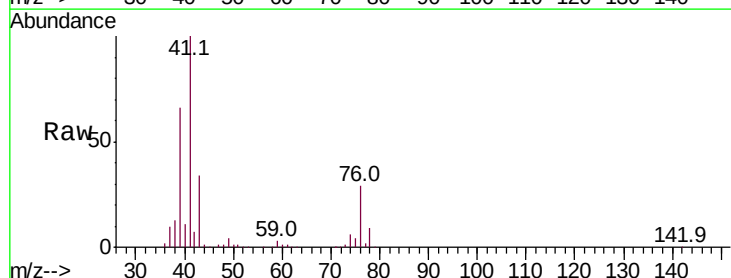
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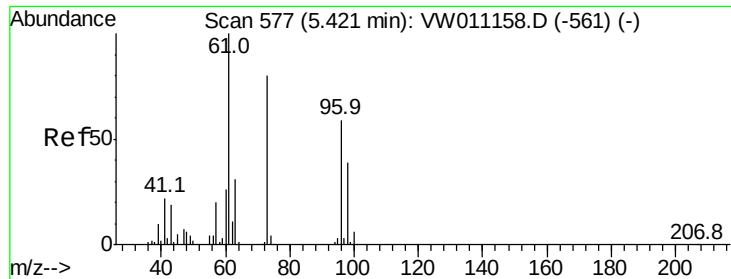
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#18
Methyl Acetate
Concen: 42.865 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.4	15.7	23.5





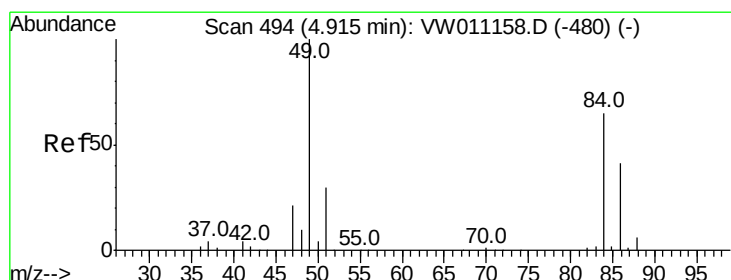
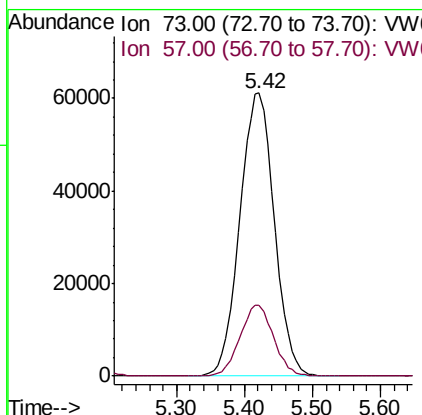
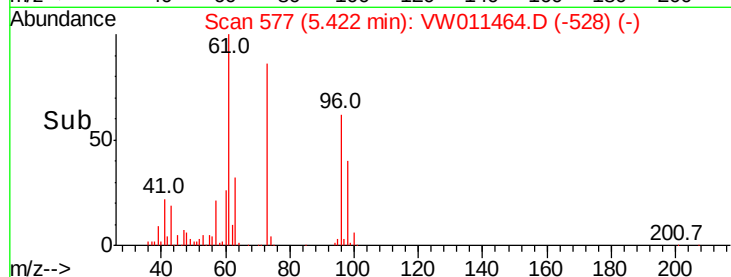
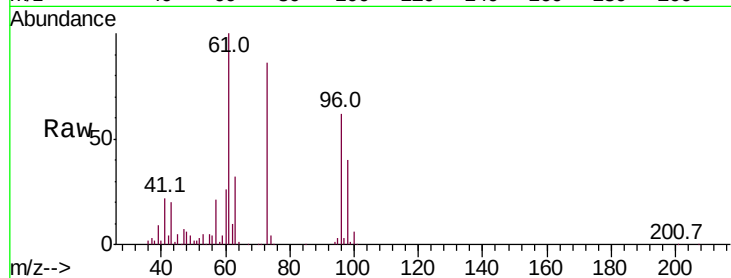
#19
Methyl tert-butyl Ether
Concen: 51.990 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 215751
Ion Ratio Lower Upper
73 100
57 25.0 19.7 29.5

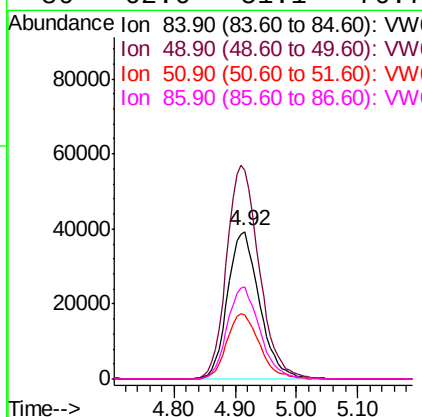
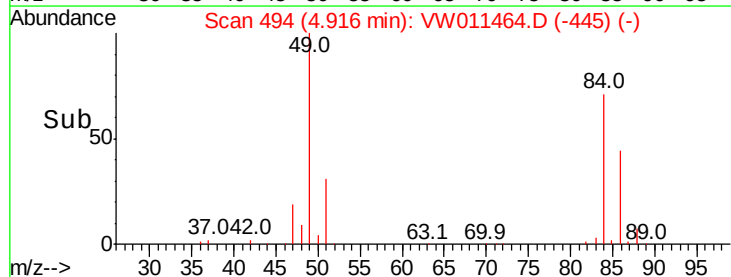
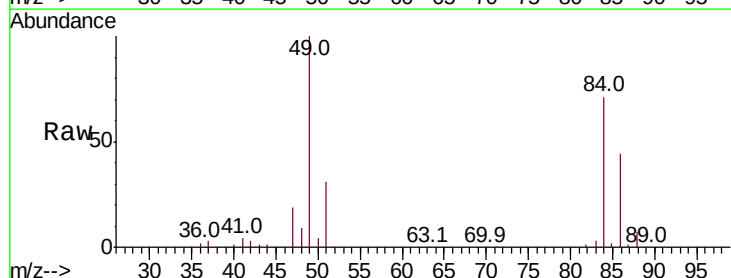
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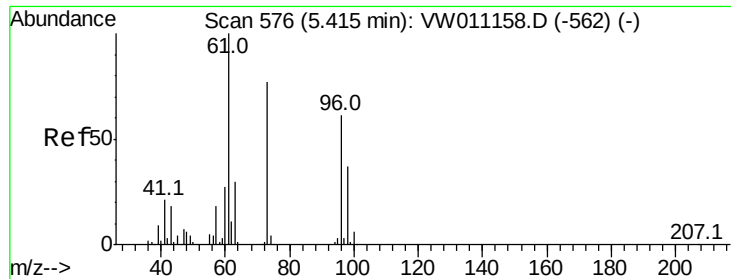
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#20
Methylene Chloride
Concen: 48.634 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 84 Resp: 142807
Ion Ratio Lower Upper
84 100
49 141.6 123.8 185.6
51 43.4 37.4 56.2
86 62.6 51.1 76.7





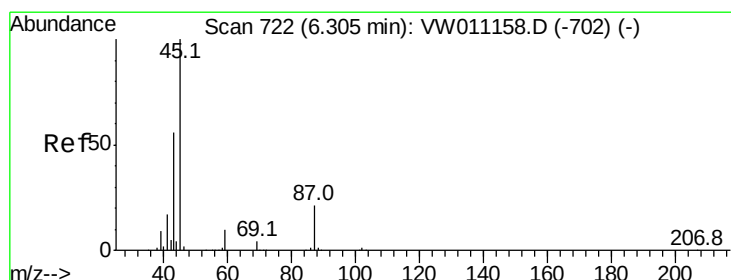
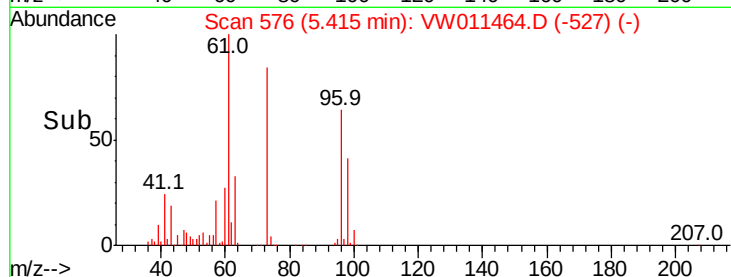
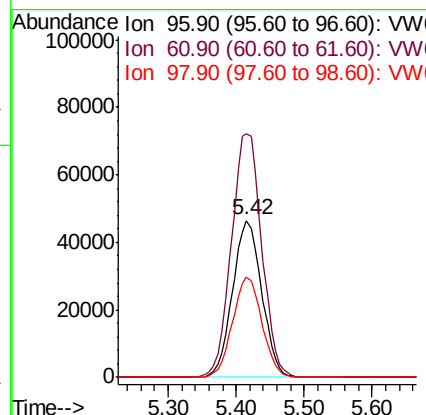
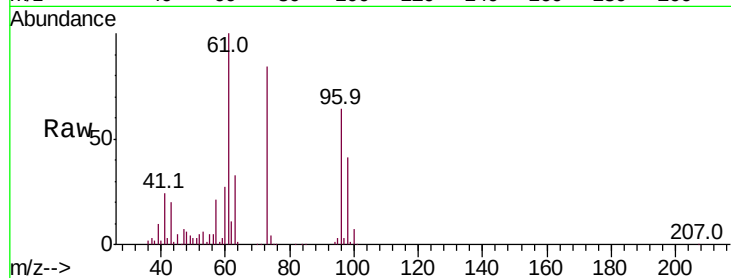
#21
trans-1,2-Dichloroethene
Concen: 48.632 ug/l
RT: 5.42 min Scan# 576
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.4	132.2	198.2
98	64.2	49.4	74.0

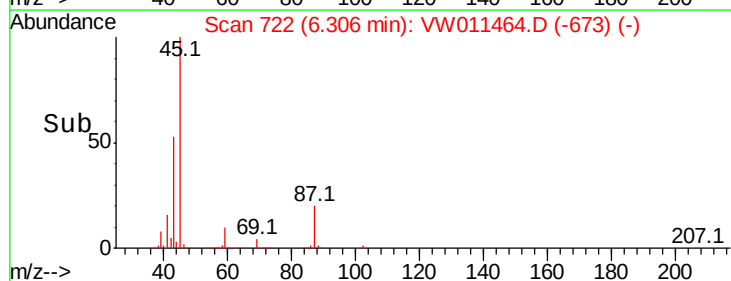
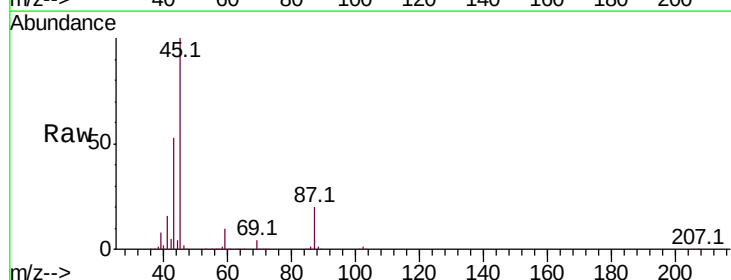
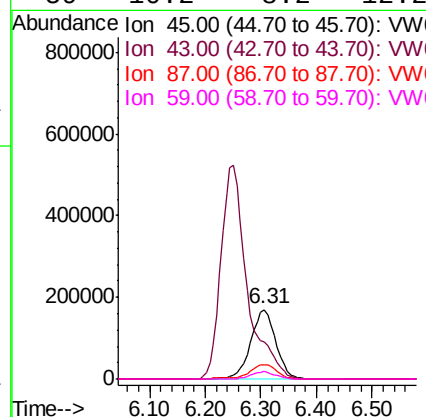
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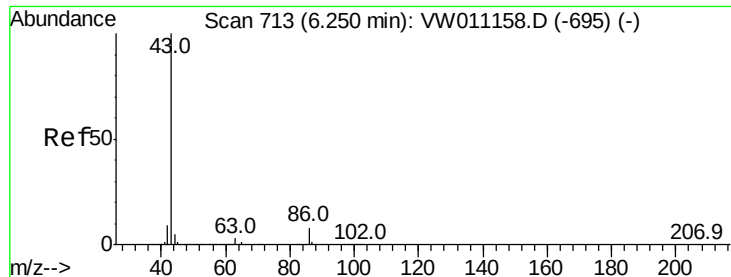
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#22
Diisopropyl ether
Concen: 49.856 ug/l
RT: 6.31 min Scan# 722
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.7	44.6	66.8
87	20.2	17.3	25.9
59	10.2	8.2	12.2





#23

Vinyl Acetate

Concen: 257.877 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1711933

Ion Ratio Lower Upper

43 100

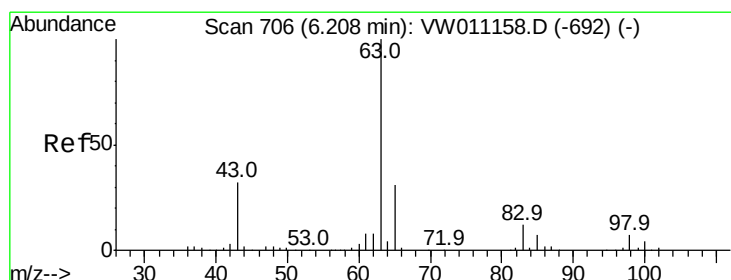
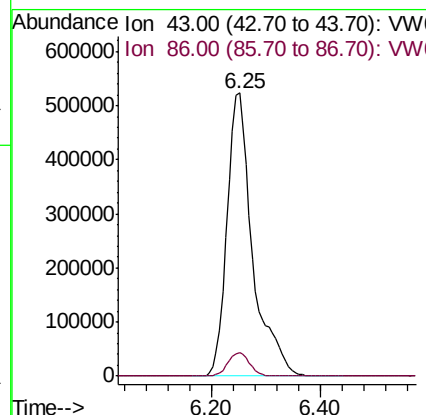
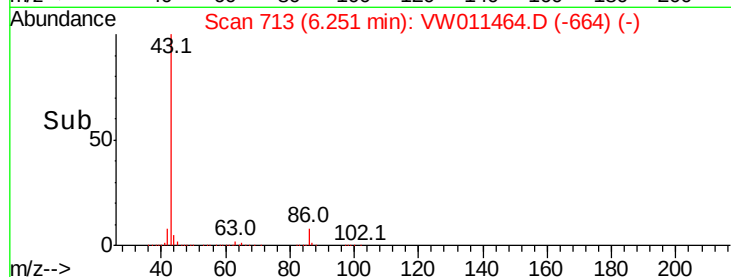
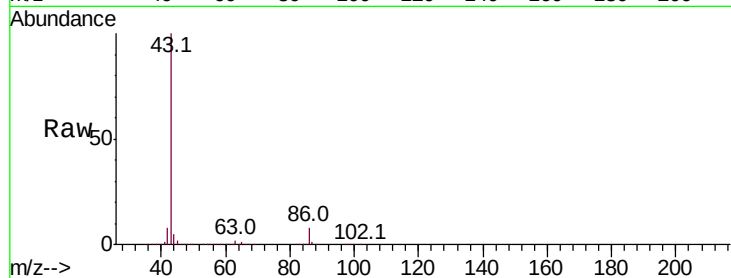
86 8.5 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 50.029 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

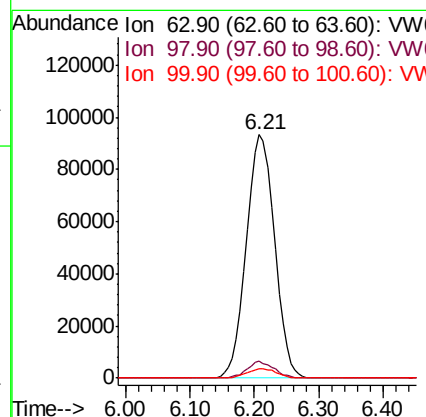
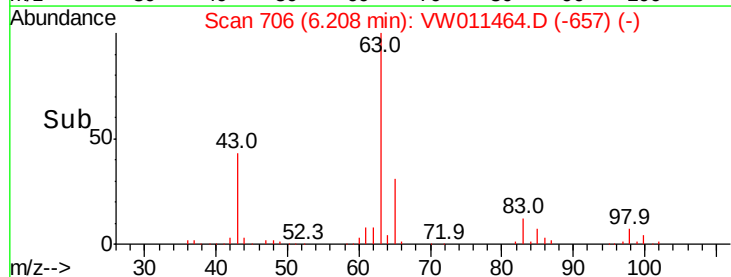
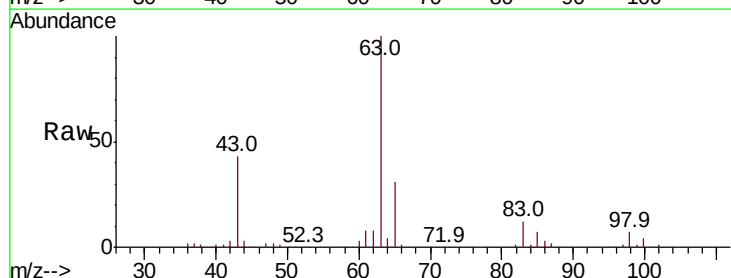
Tgt Ion: 63 Resp: 281804

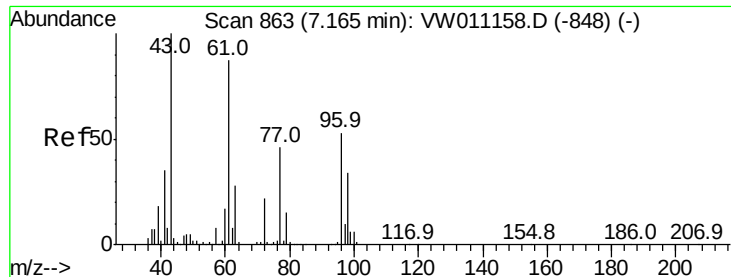
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

100 3.7 2.1 6.2





#25

2-Butanone

Concen: 250.317 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 292476

Ion Ratio Lower Upper

43 100

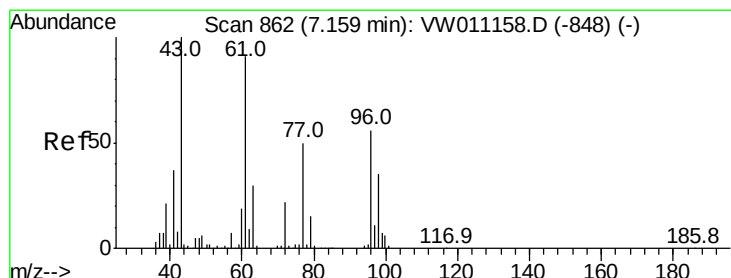
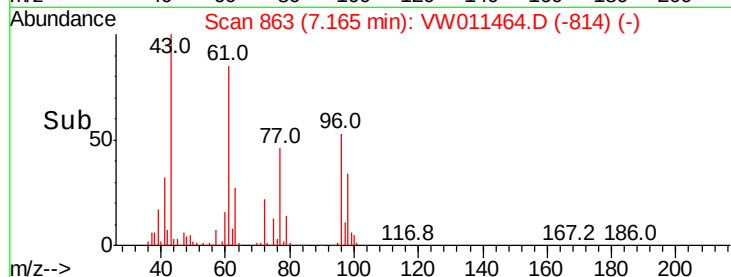
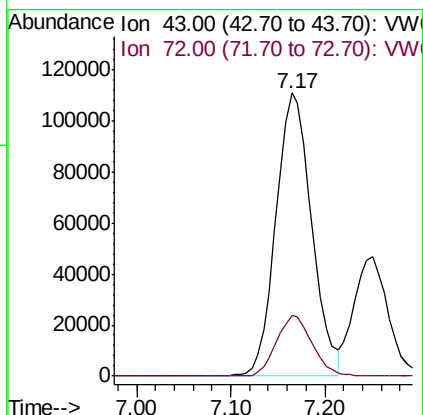
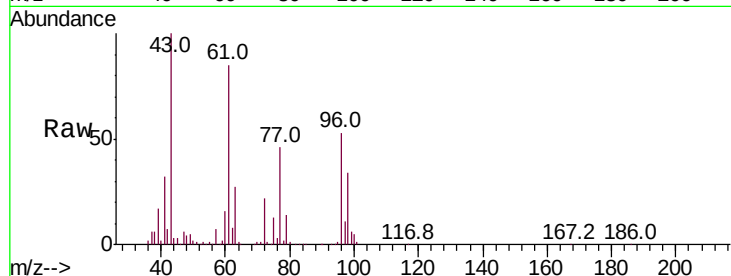
72 21.6 17.6 26.4

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#26

2,2-Dichloropropane

Concen: 53.637 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW011464.D

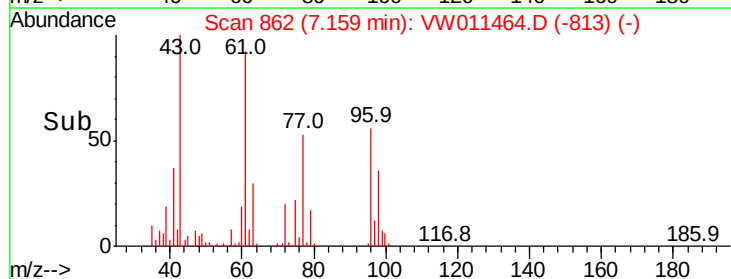
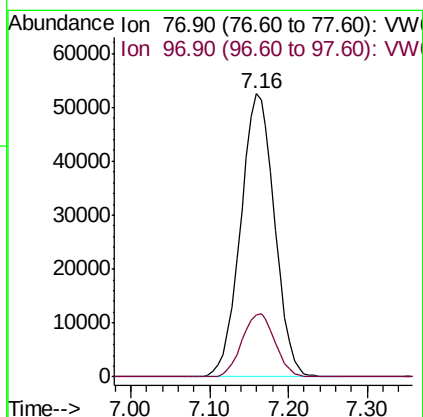
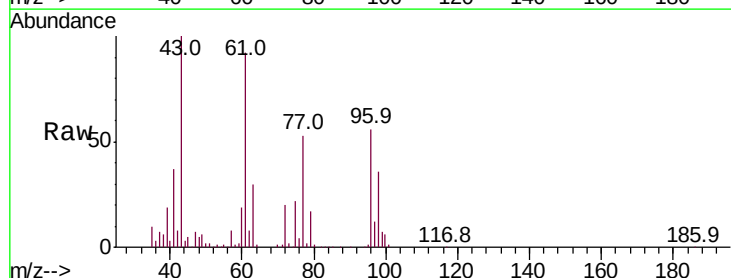
Acq: 24 Jul 2019 10:11

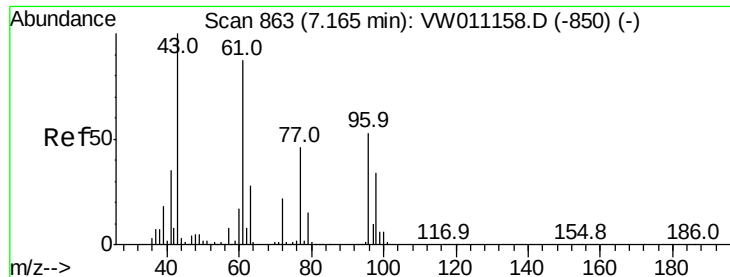
Tgt Ion: 77 Resp: 157051

Ion Ratio Lower Upper

77 100

97 21.7 11.2 33.5





#27

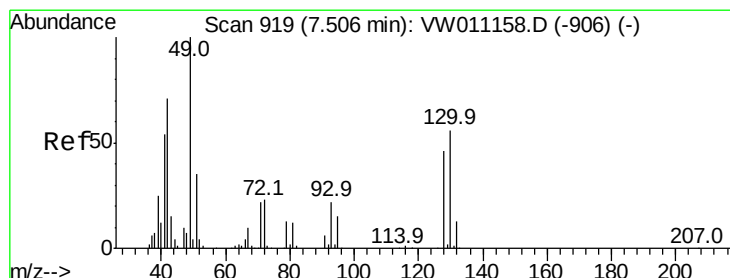
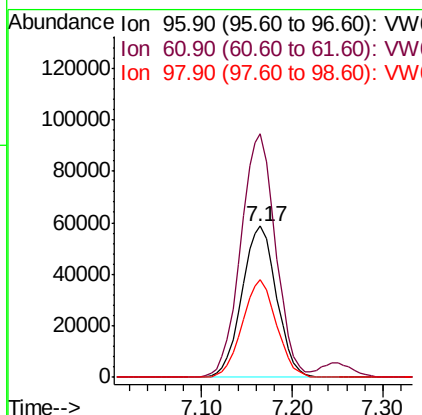
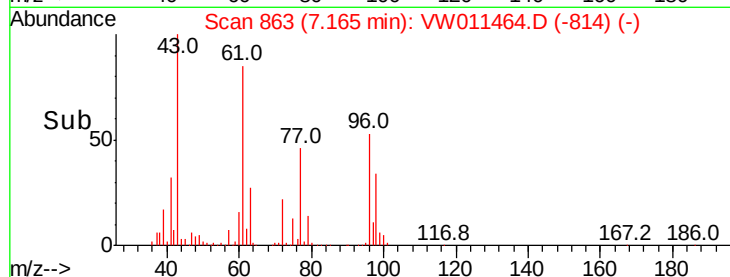
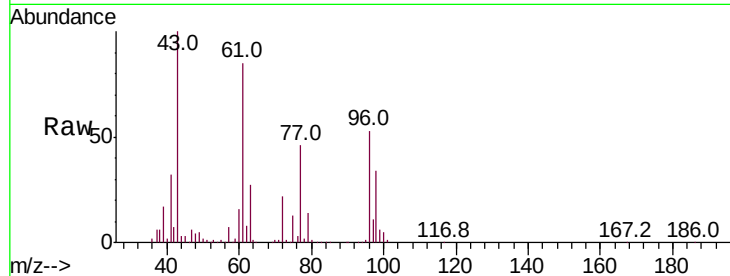
cis-1,2-Dichloroethene
Concen: 50.478 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.5	0.0	325.6
98	63.6	0.0	128.2

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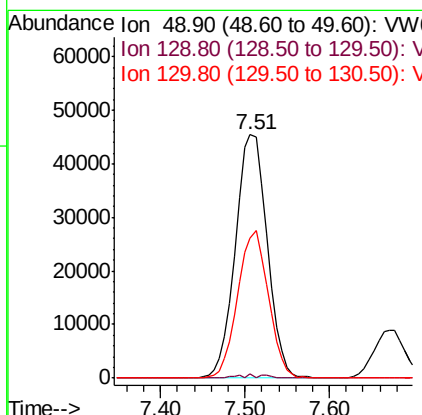
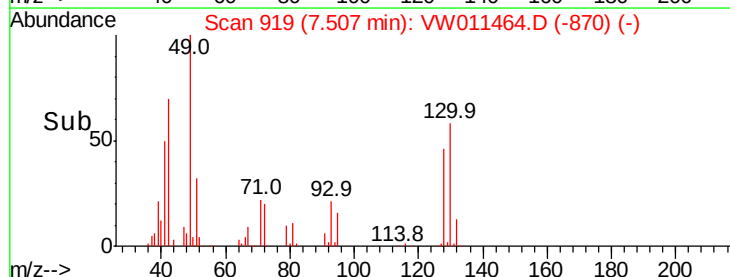
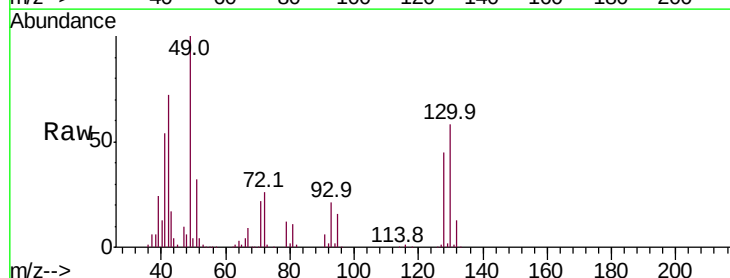
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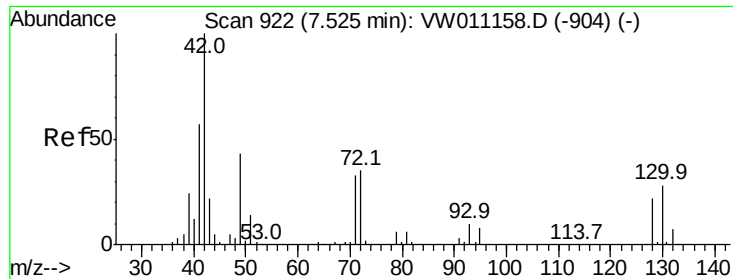


#28

Bromochloromethane
Concen: 45.201 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	1.4
130	58.6	45.8	68.8





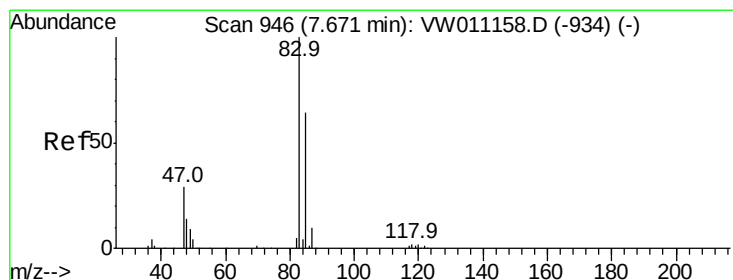
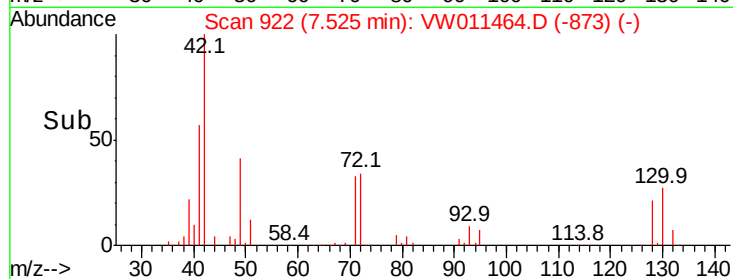
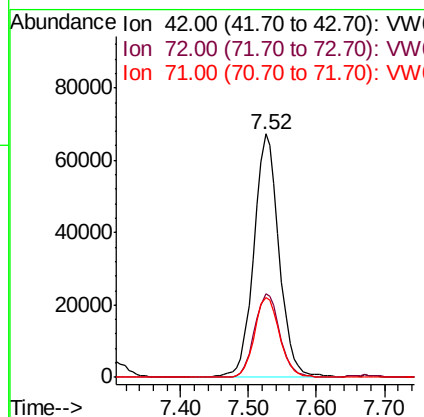
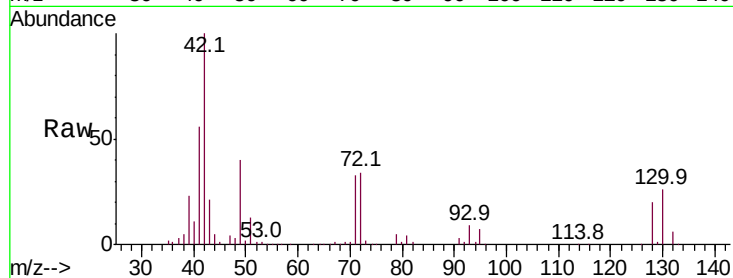
#29
Tetrahydrofuran
Concen: 227.264 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.7	27.4	41.2
71	32.7	25.9	38.9

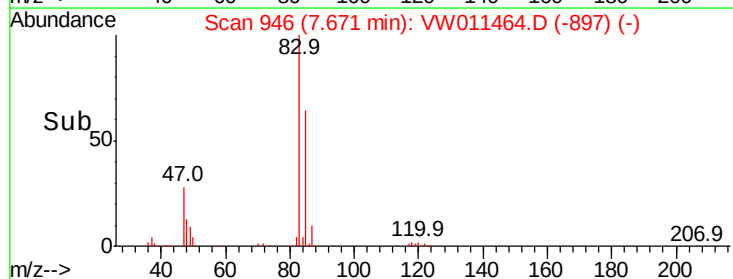
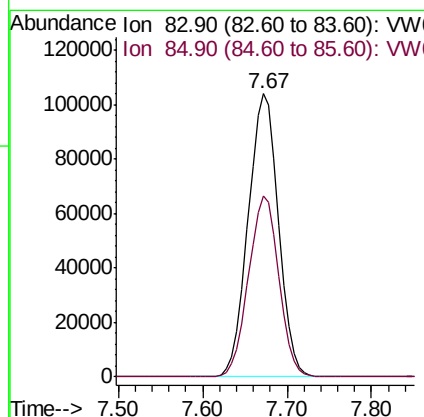
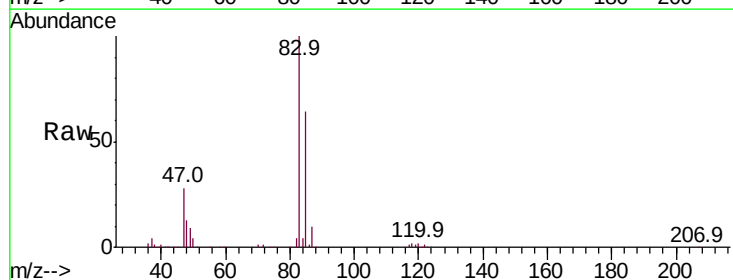
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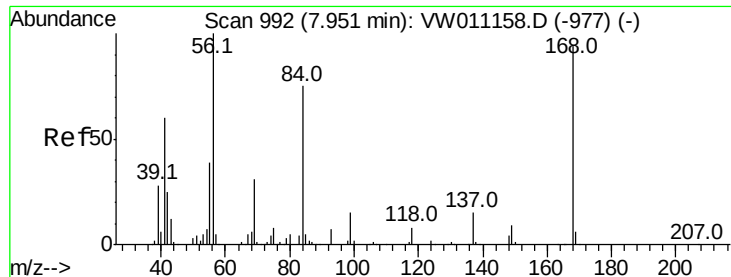
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#30
Chloroform
Concen: 48.768 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.4	77.2





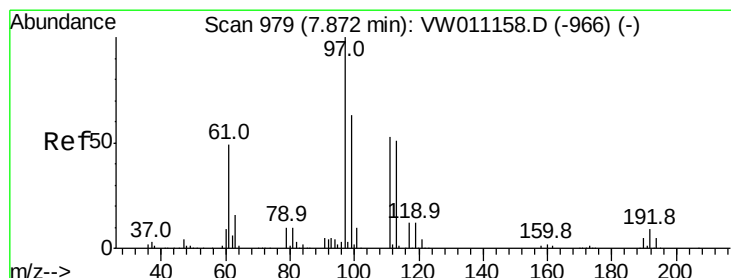
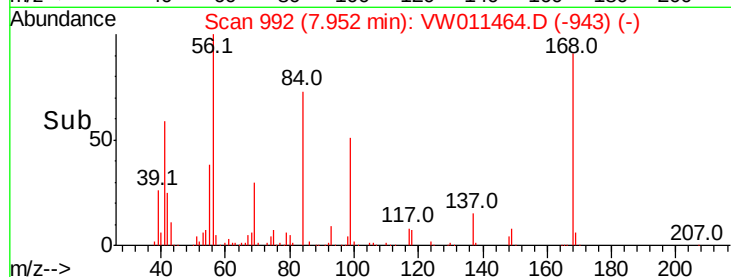
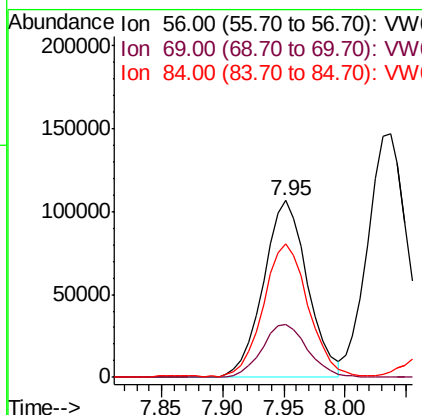
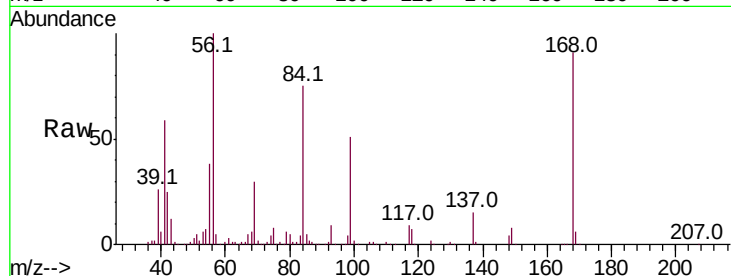
#31
Cyclohexane
Concen: 44.609 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.6	36.8
84	74.1	60.1	90.1

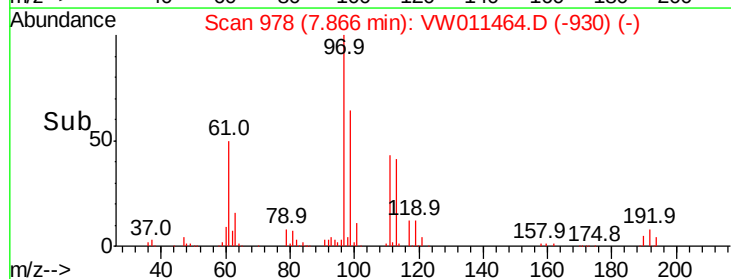
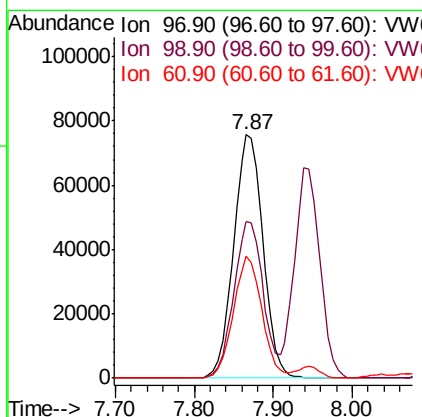
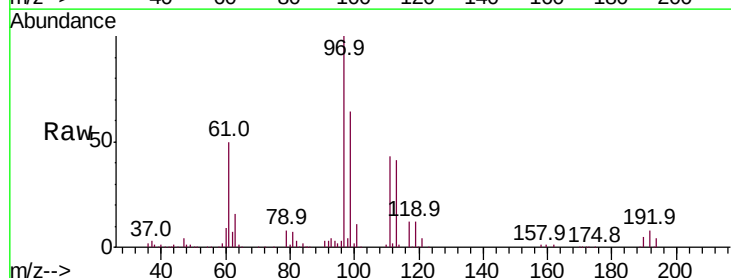
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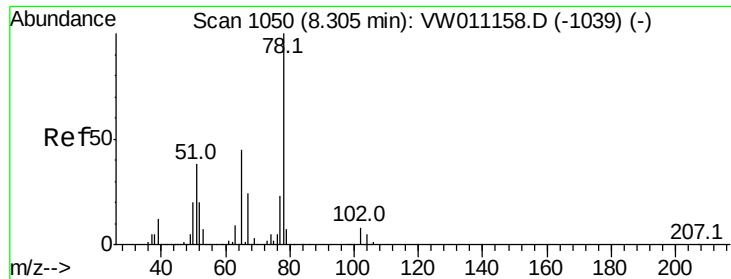
MMDadoda
7/25/2019 8:18:01 AM



#32
1,1,1-Trichloroethane
Concen: 49.259 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.0	76.4
61	48.6	40.4	60.6





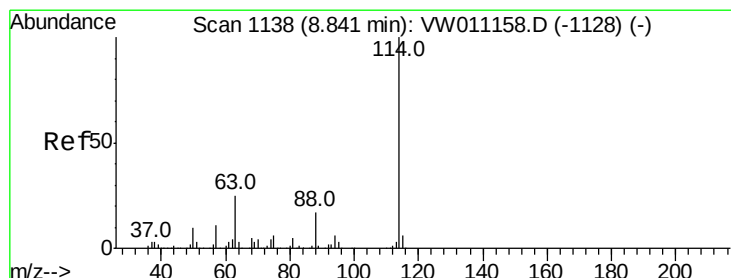
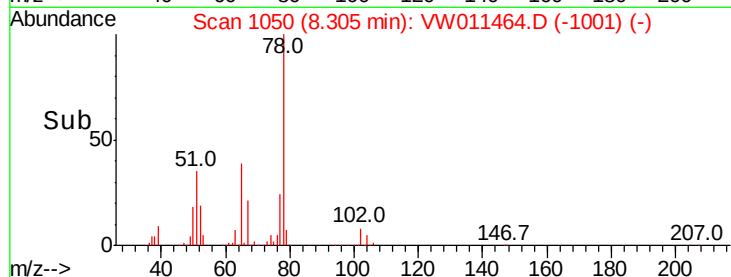
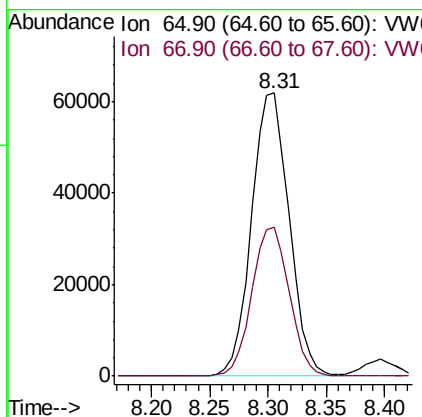
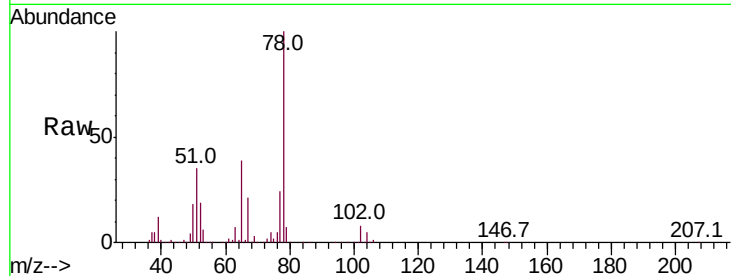
#33
 1,2-Dichloroethane-d4
 Concen: 44.750 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.4

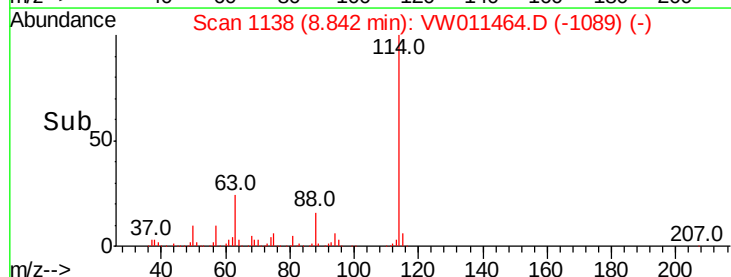
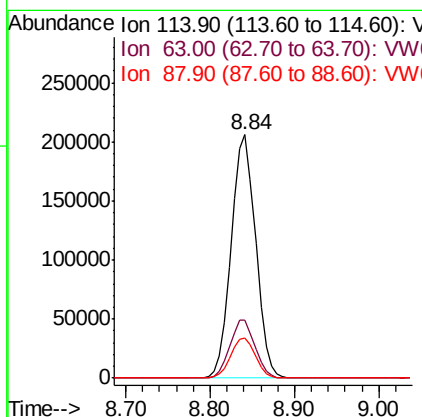
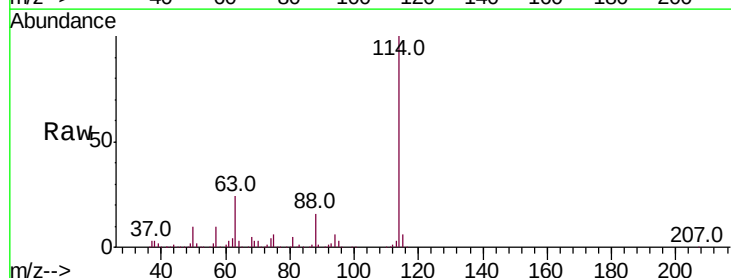
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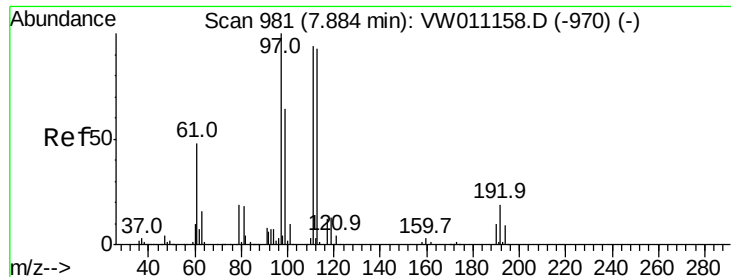
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	50.8
88	16.2	0.0	34.2





#35

Dibromofluoromethane

Concen: 48.196 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:113 Resp: 116198

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

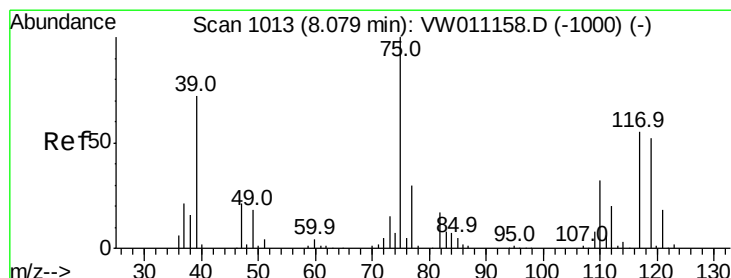
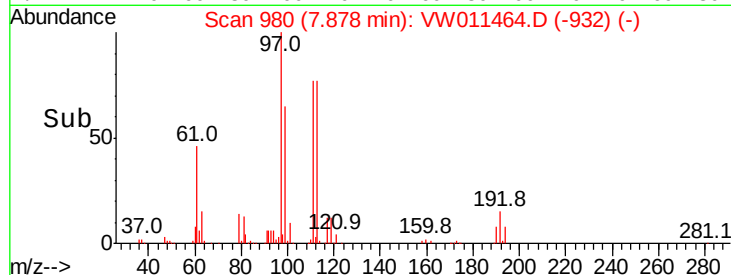
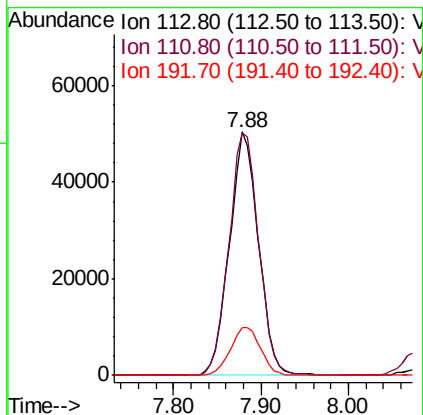
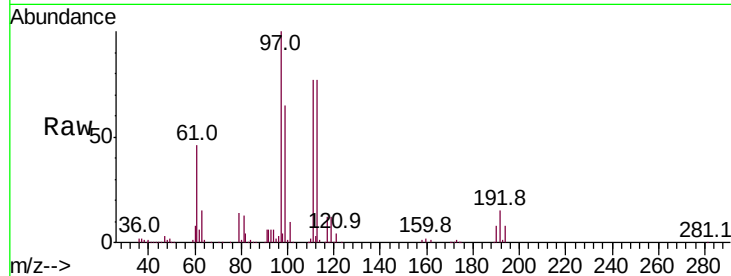
192 20.5 15.8 23.8

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#36

1,1-Dichloropropene

Concen: 48.206 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

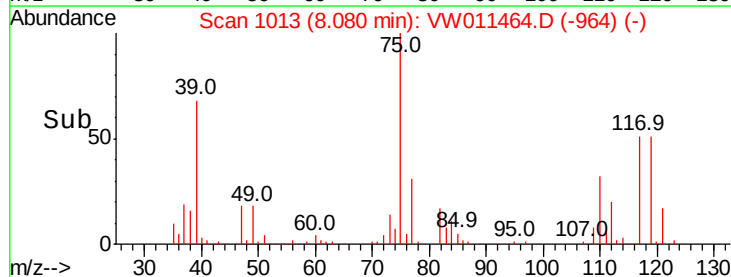
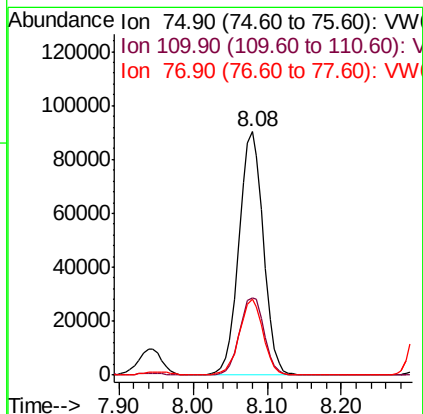
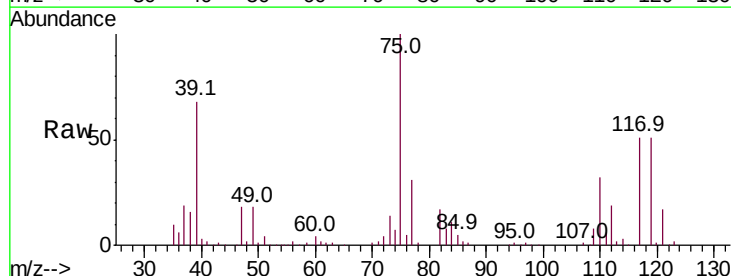
Tgt Ion: 75 Resp: 207645

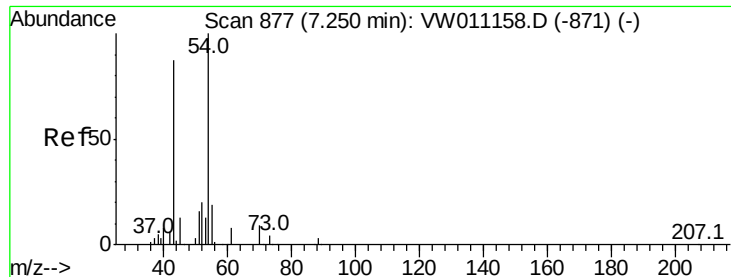
Ion Ratio Lower Upper

75 100

110 32.2 15.9 47.6

77 30.7 24.6 36.8





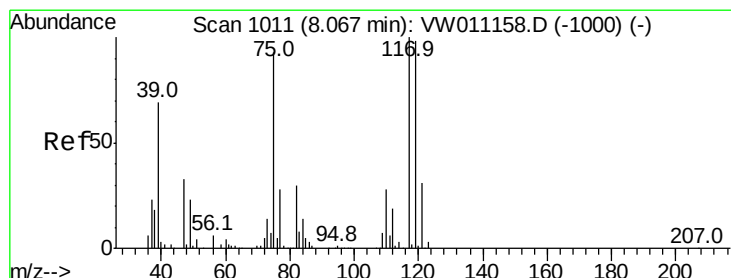
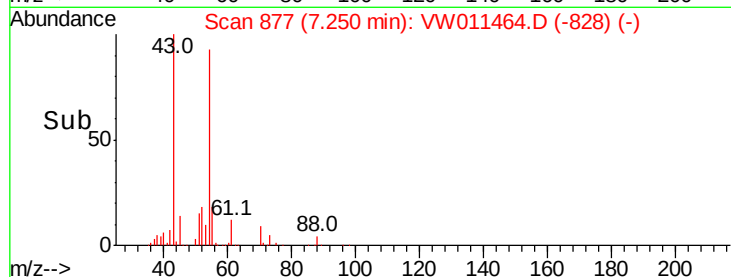
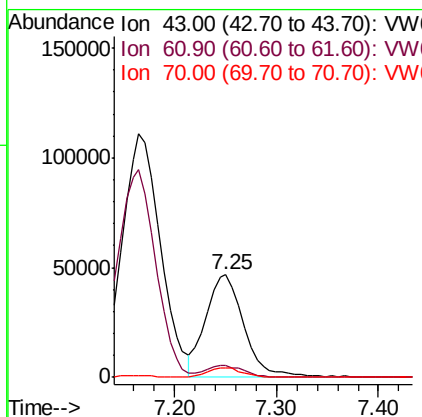
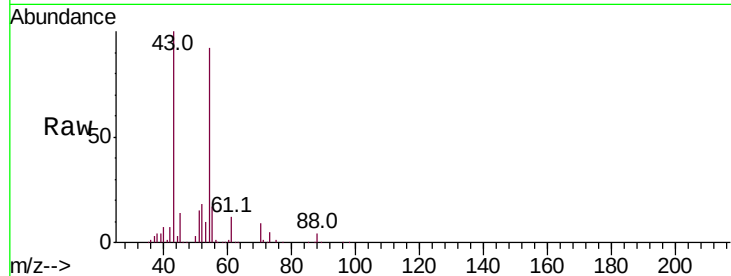
#37
Ethyl Acetate
Concen: 46.273 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	11.5	9.5	14.3	
70	9.1	7.1	10.7	

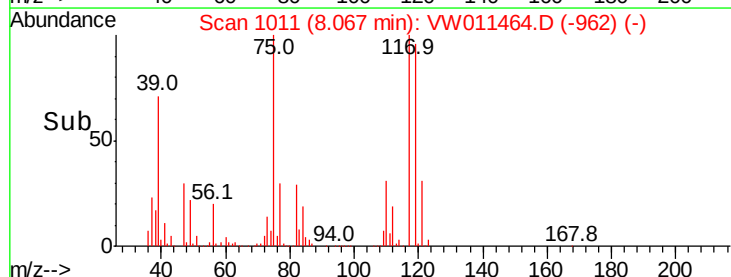
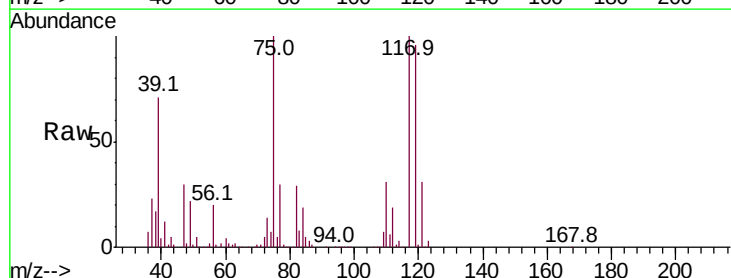
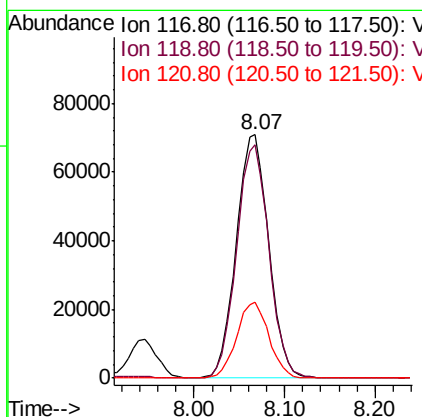
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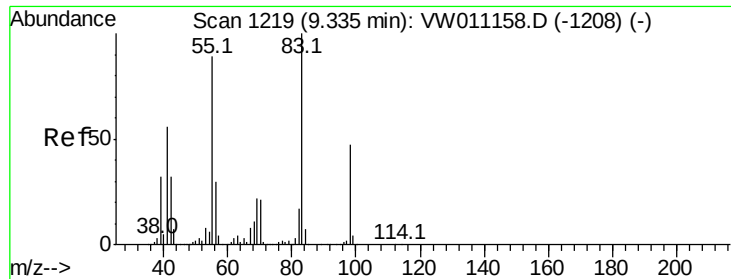
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#38
Carbon Tetrachloride
Concen: 48.249 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	78.1	117.1	
121	31.4	25.1	37.7	





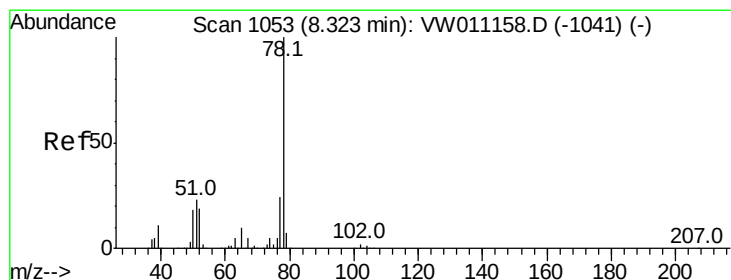
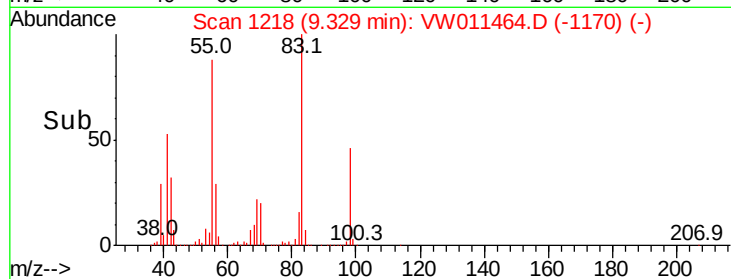
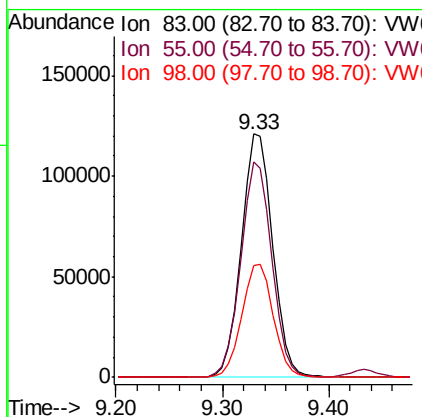
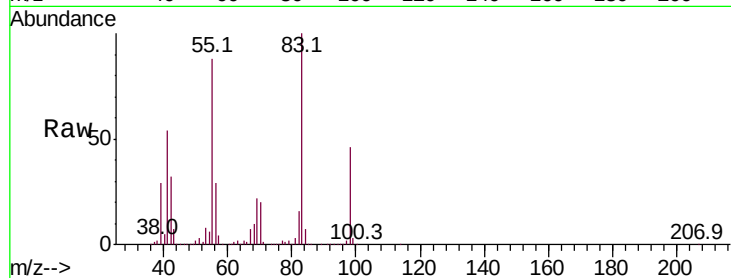
#39
Methylvlcyclohexane
Concen: 48.073 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	250982
Ion Ratio	100	Lower	Upper
83	100		
55	88.4	71.2	106.8
98	46.0	37.5	56.3

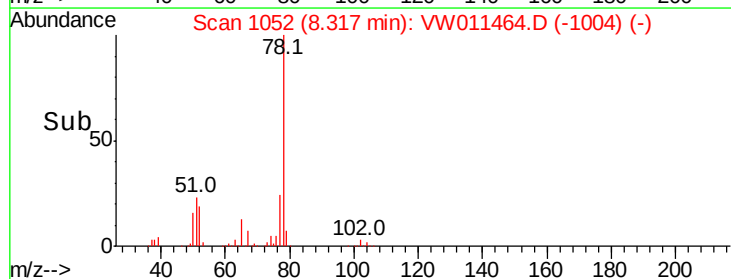
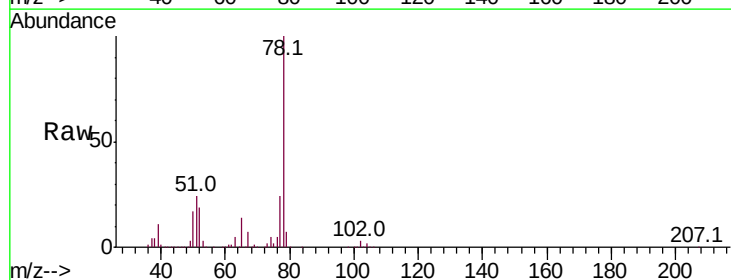
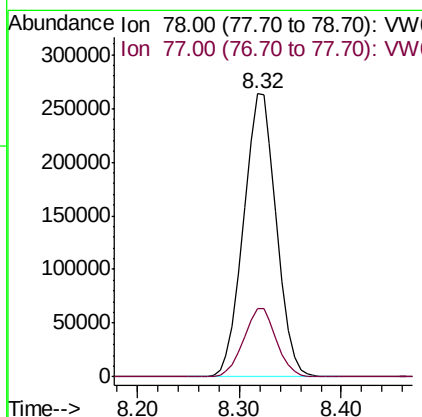
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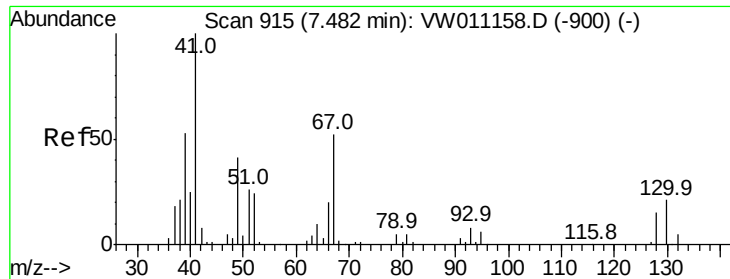
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#40
Benzene
Concen: 49.488 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	78	Resp	589110
Ion Ratio	100	Lower	Upper
78	100		
77	24.2	19.0	28.6





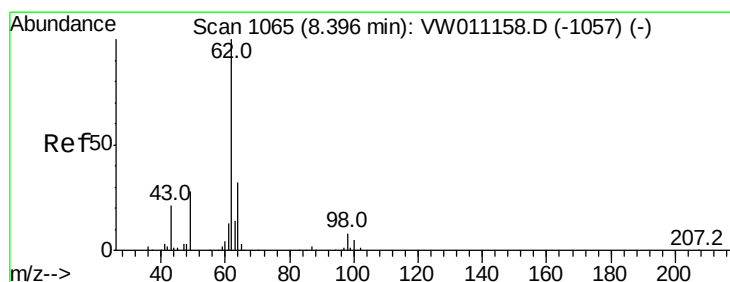
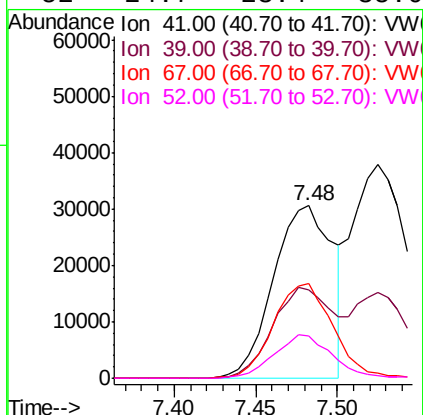
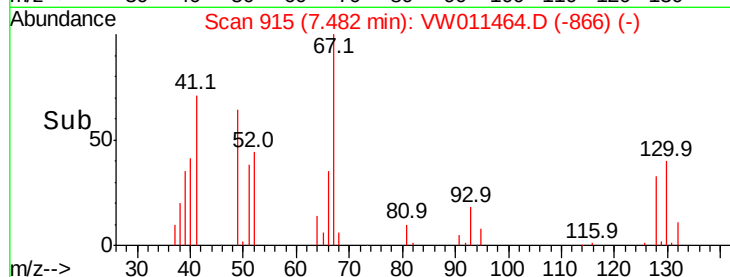
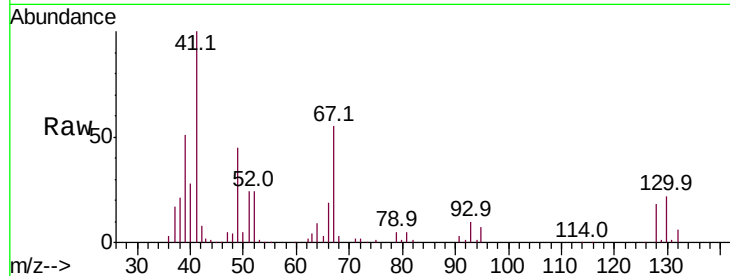
#41
Methacrylonitrile
Concen: 52.157 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.5	48.0	72.0
67	55.0	49.7	74.5
52	24.7	23.4	35.0

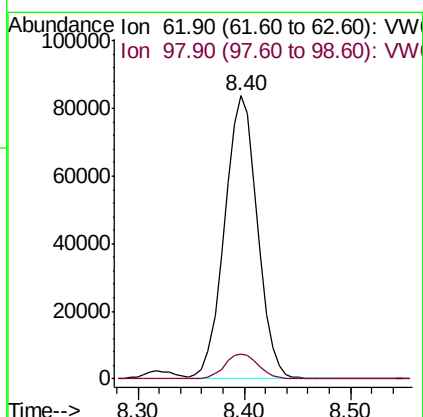
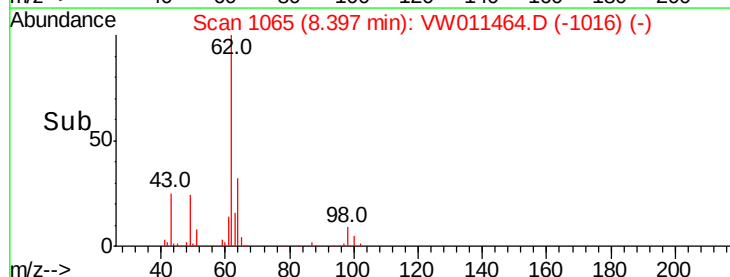
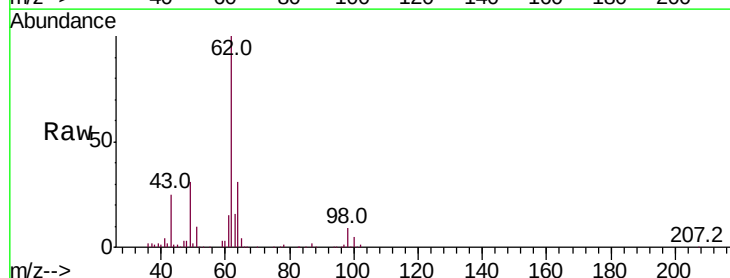
Manual Integrations
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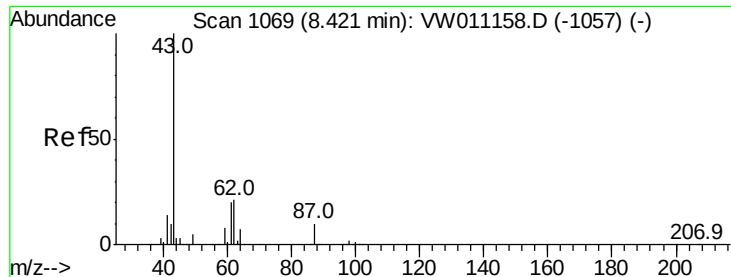
MMDadoda
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#42
1,2-Dichloroethane
Concen: 46.724 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.8





#43

Isopropyl Acetate

Concen: 46.676 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

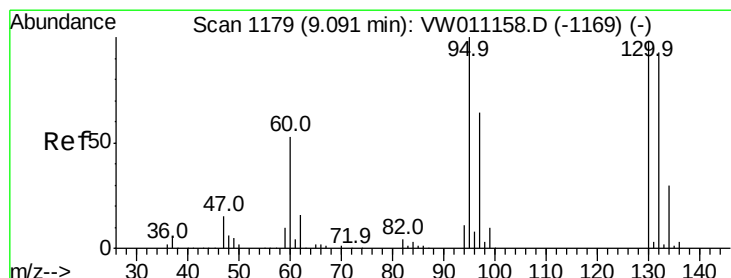
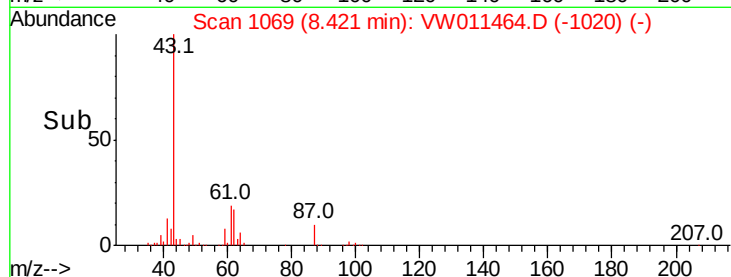
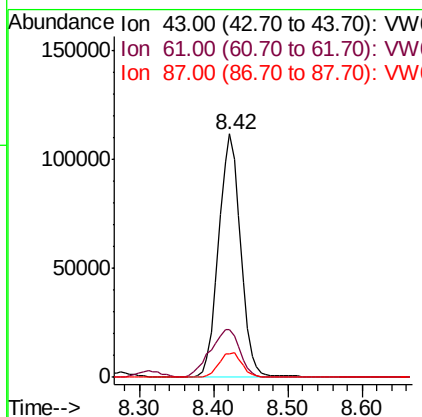
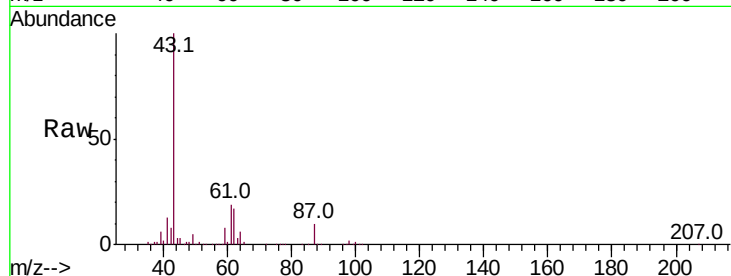
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	228066
Ion	Ratio	Lower	Upper
43	100		
61	26.5	20.7	31.1
87	10.7	8.1	12.1

Manual Integrations
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#44

Trichloroethene

Concen: 50.156 ug/l

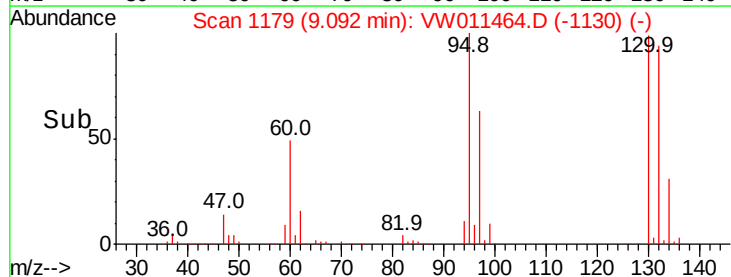
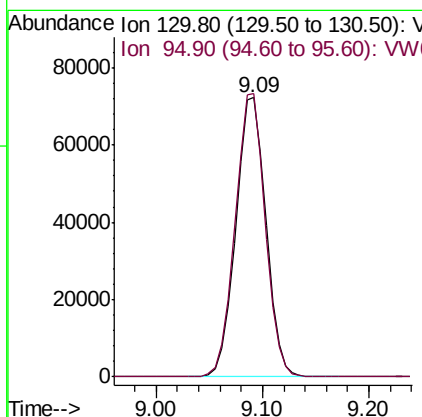
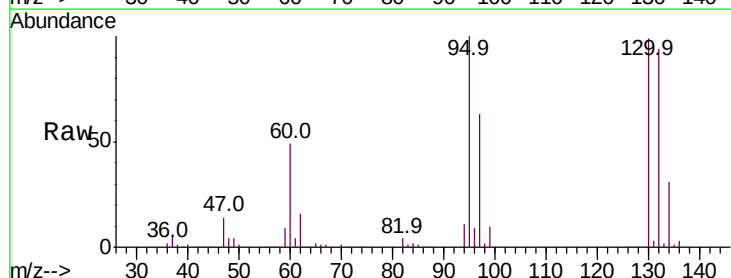
RT: 9.09 min Scan# 1179

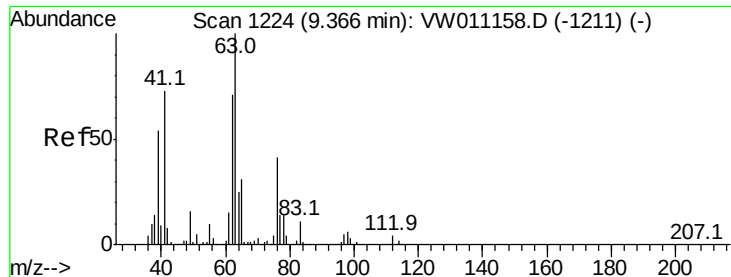
Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Tgt Ion:	130	Resp:	143677
Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	203.6





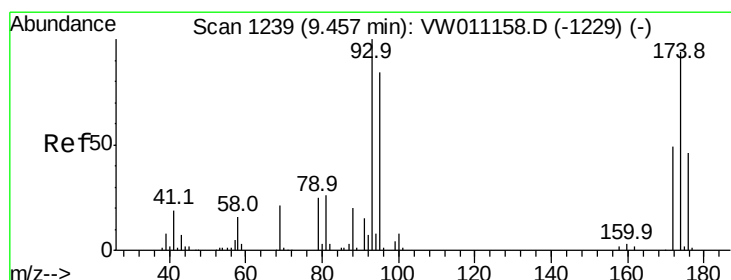
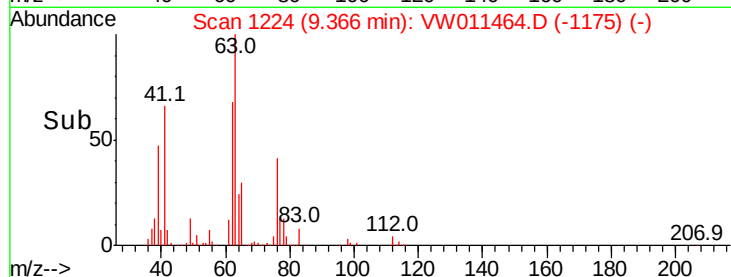
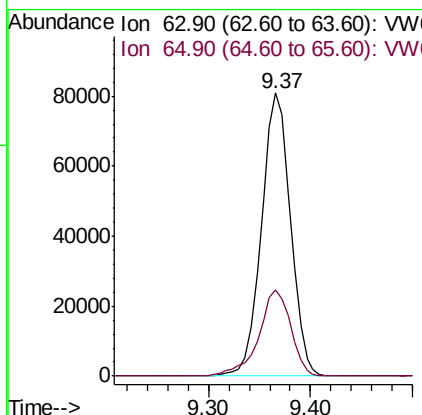
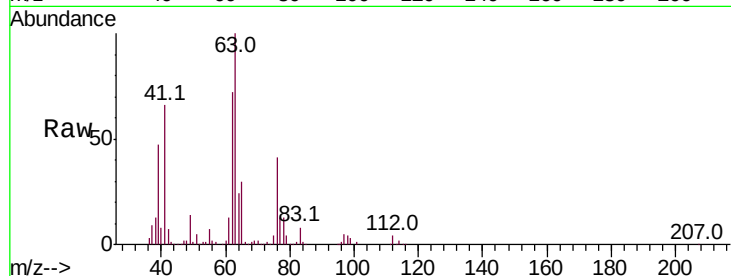
#45
 1,2-Dichloropropane
 Concen: 49.619 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.4	36.6

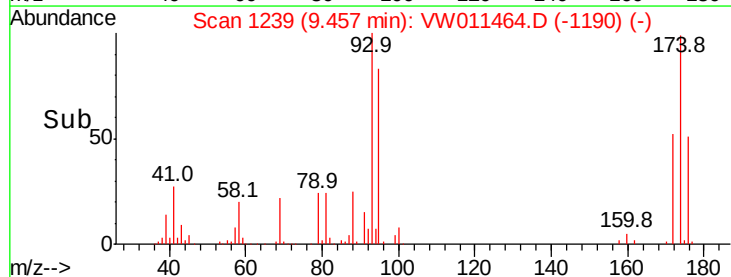
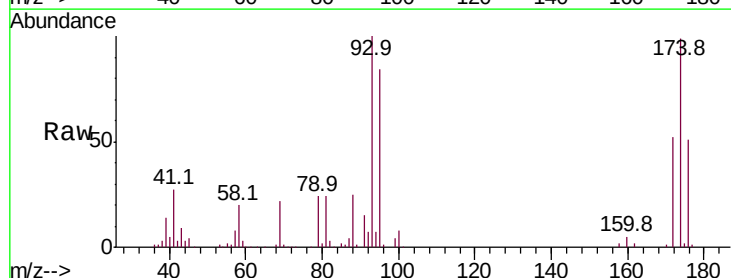
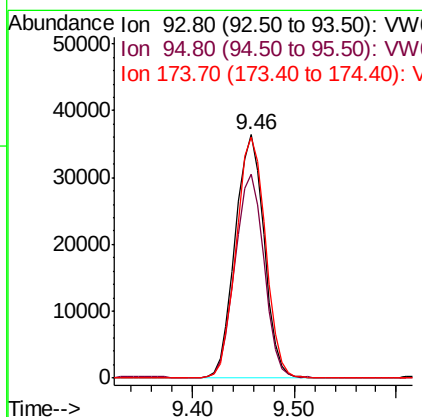
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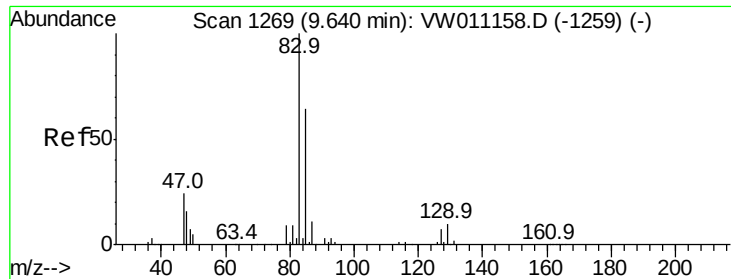
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#46
 Dibromomethane
 Concen: 47.297 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	67.2	100.8
174	100.1	76.3	114.5





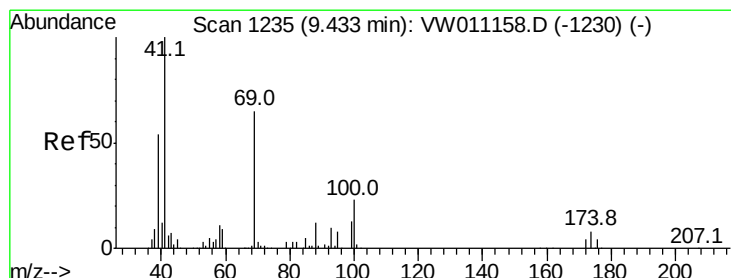
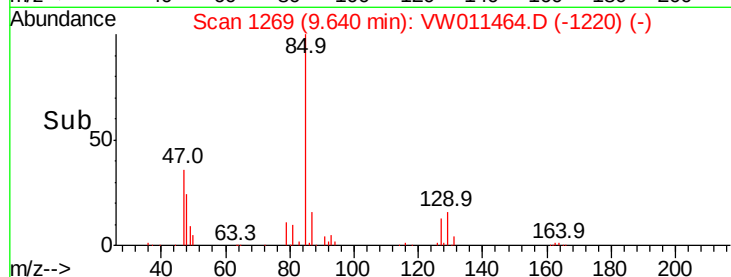
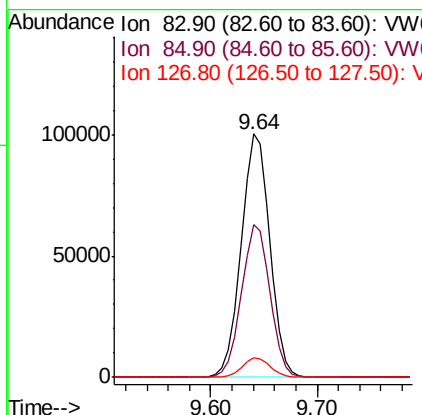
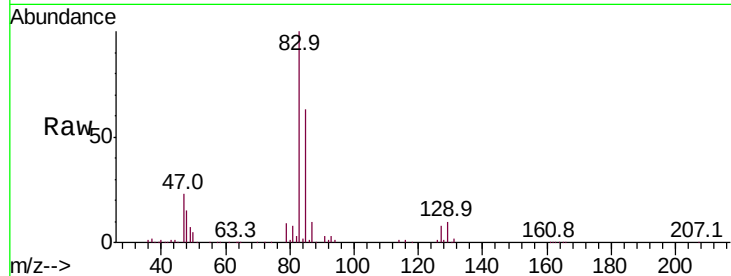
#47
Bromodichloromethane
Concen: 48.941 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	189624
Ion Ratio	100	Lower	Upper
83	100		
85	62.7	51.0	76.4
127	8.1	6.0	9.0

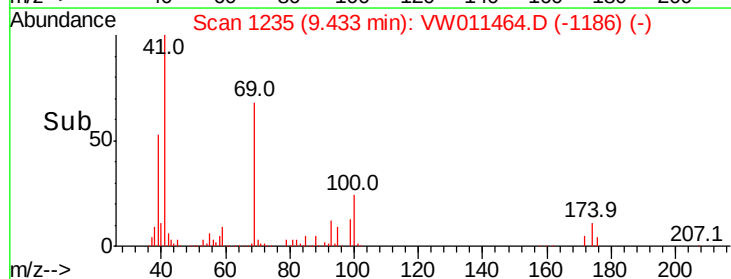
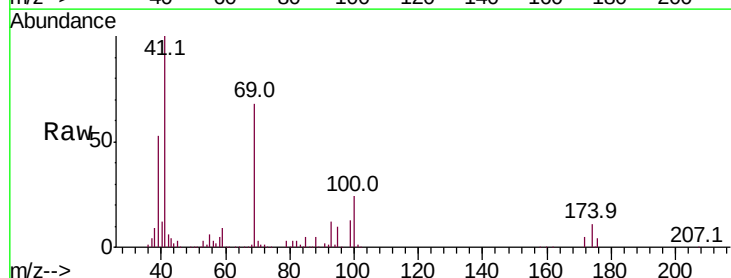
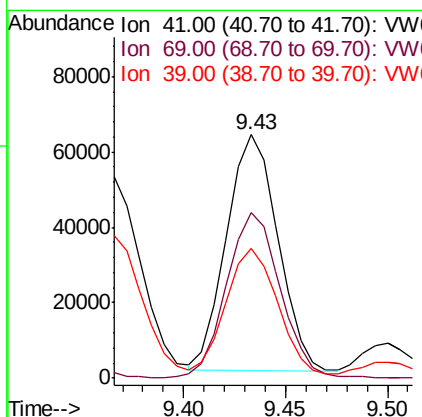
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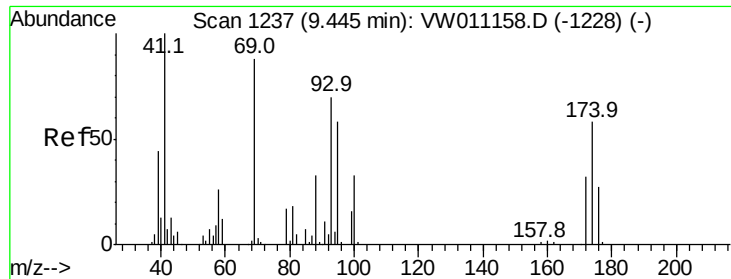
MMDadoda
7/25/2019 8:18:01 AM



#48
Methyl methacrylate
Concen: 46.681 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	41	Resp	109733
Ion Ratio	100	Lower	Upper
41	100		
69	73.4	56.0	84.0
39	53.2	43.5	65.3





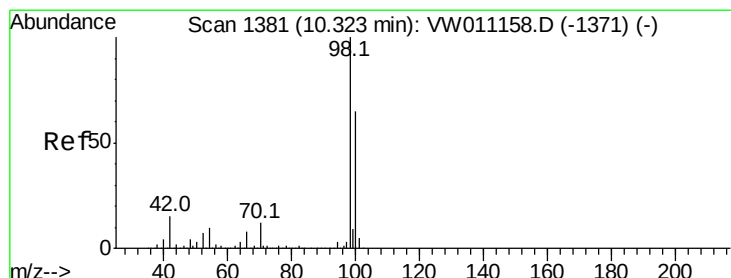
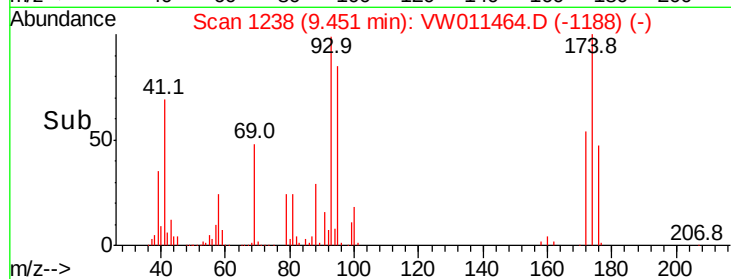
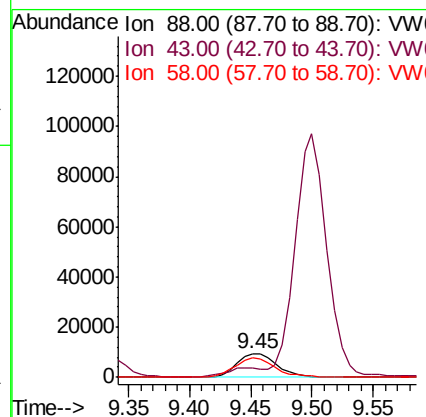
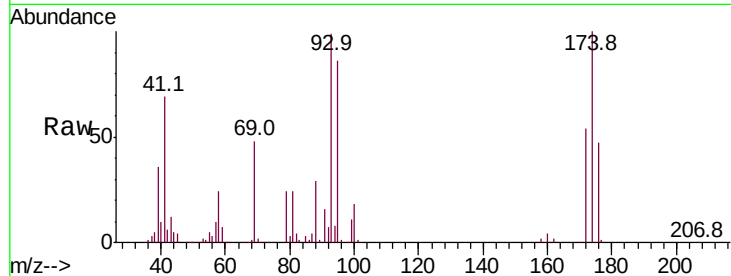
#49
1,4-Dioxane
Concen: 852.546 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.9	33.4	50.0
58	86.2	64.5	96.7

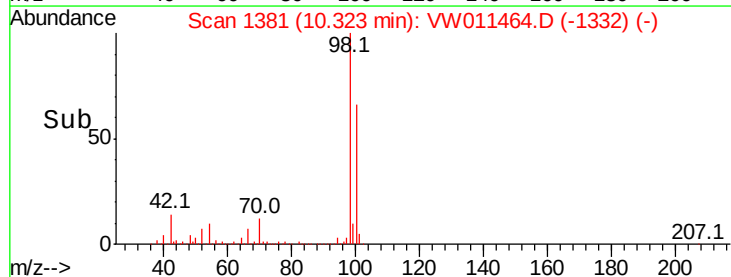
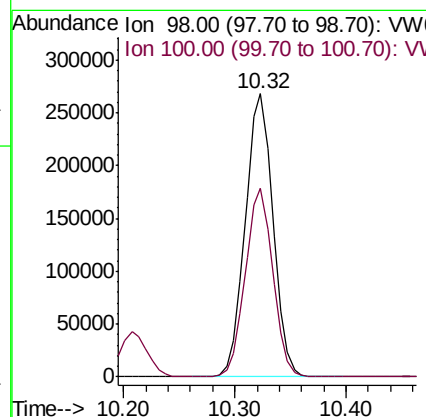
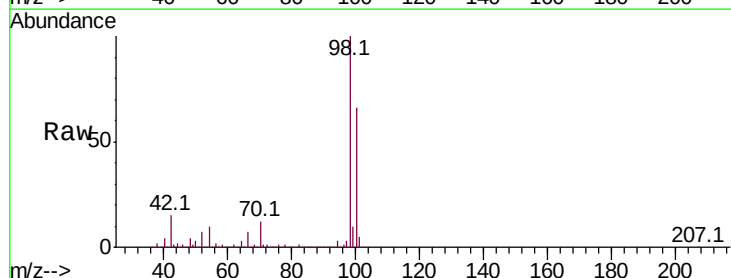
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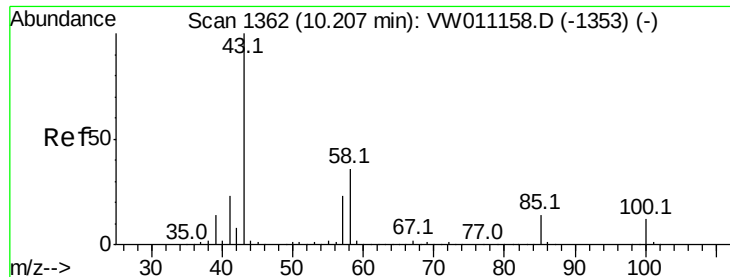
MMDadoda
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#50
Toluene-d8
Concen: 47.527 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 231.735 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 591481

Ion Ratio Lower Upper

43 100

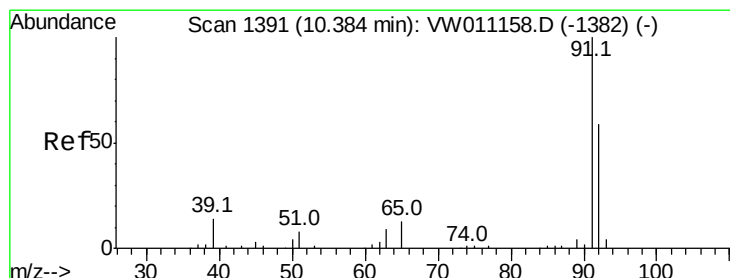
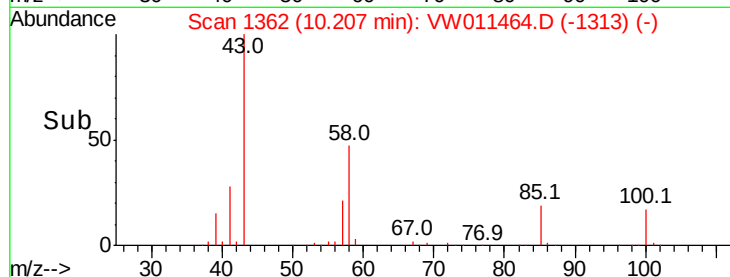
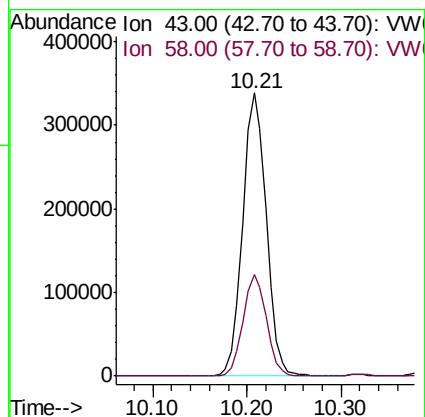
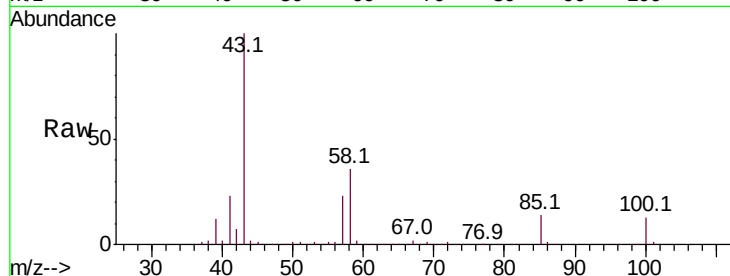
58 35.5 28.2 42.2

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#52

Toluene

Concen: 50.073 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011464.D

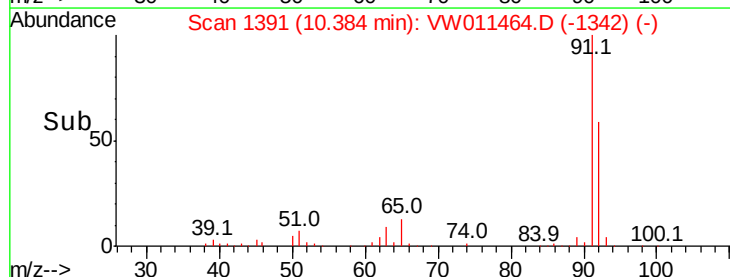
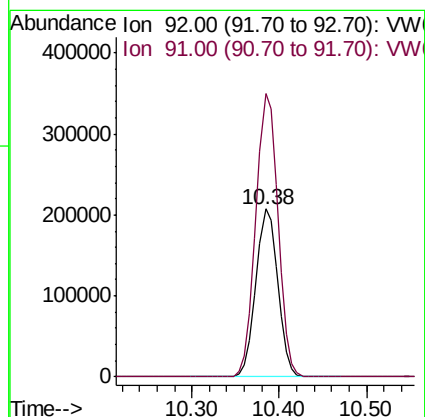
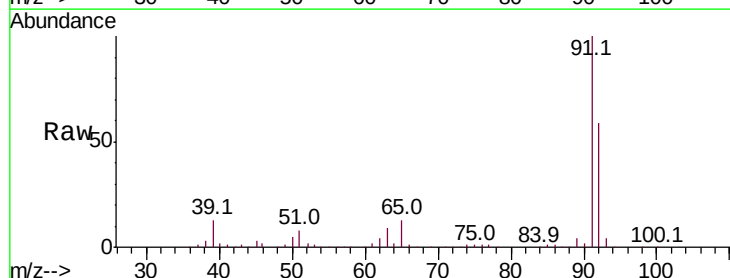
Acq: 24 Jul 2019 10:11

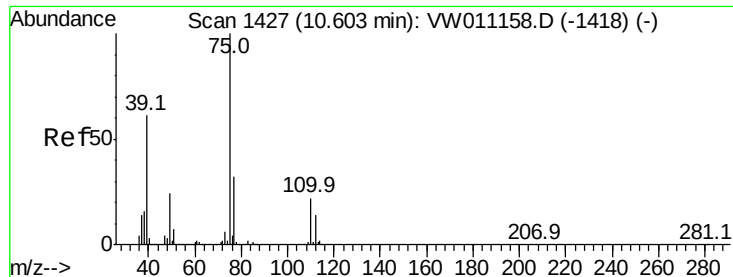
Tgt Ion: 92 Resp: 361584

Ion Ratio Lower Upper

92 100

91 170.5 136.6 205.0





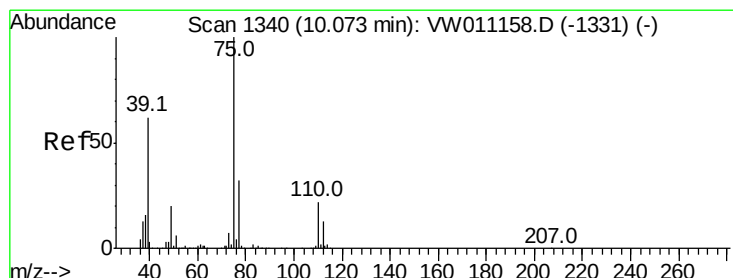
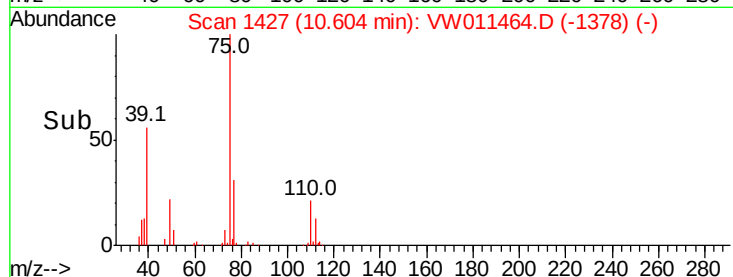
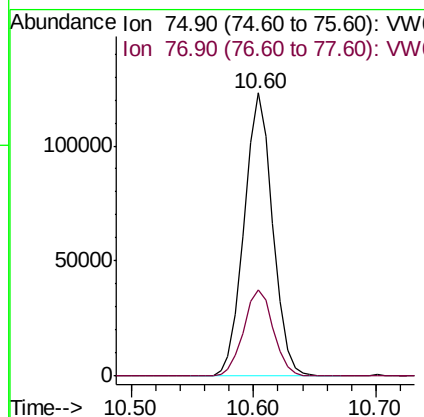
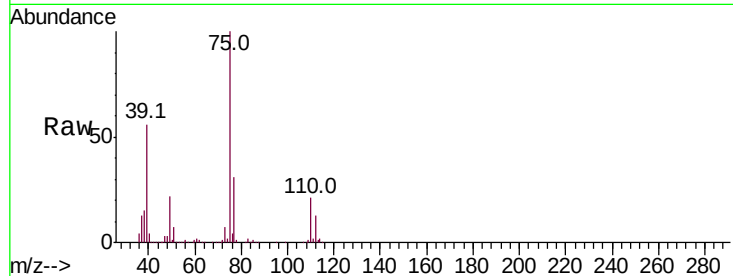
#53
t-1,3-Dichloropropene
Concen: 48.317 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.4	38.0

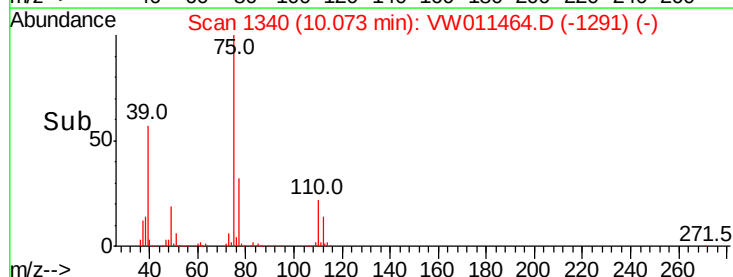
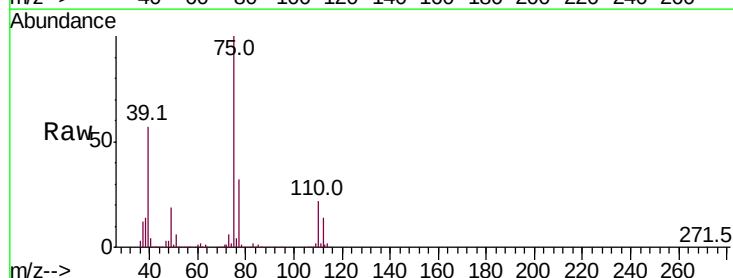
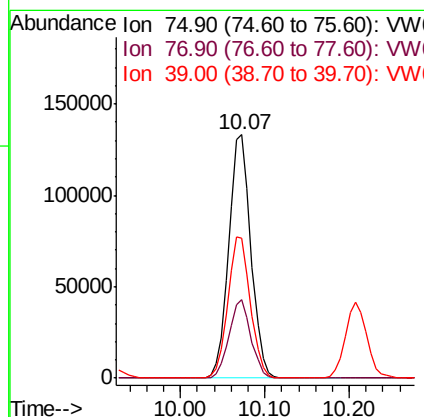
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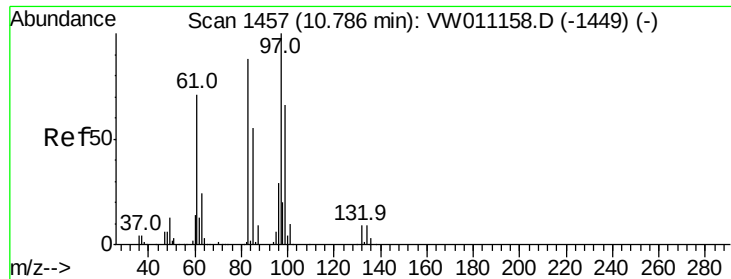
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.290 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.7	38.5
39	57.3	49.8	74.8





#55

1,1,2-Trichloroethane

Concen: 47.960 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 103031

Ion Ratio Lower Upper

97 100

83 87.6 70.2 105.4

85 56.3 44.2 66.2

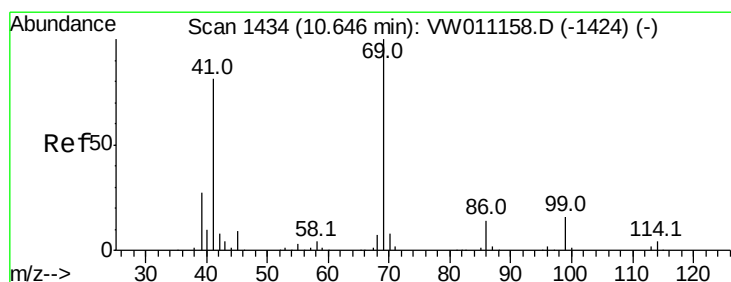
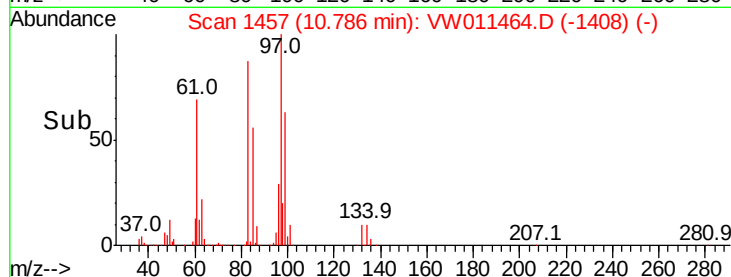
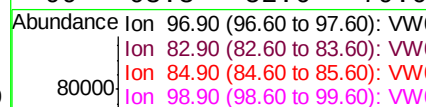
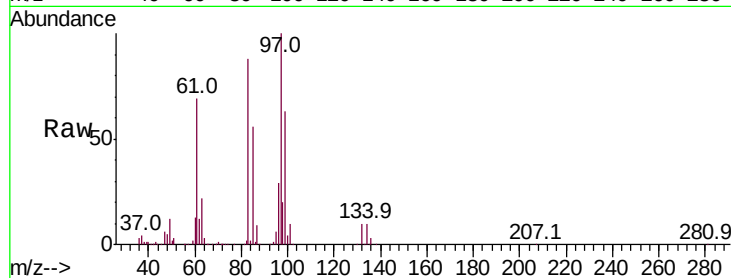
99 63.3 52.6 79.0

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#56

Ethyl methacrylate

Concen: 48.579 ug/l

RT: 10.64 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

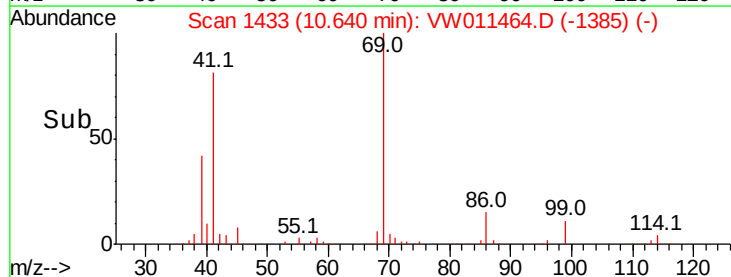
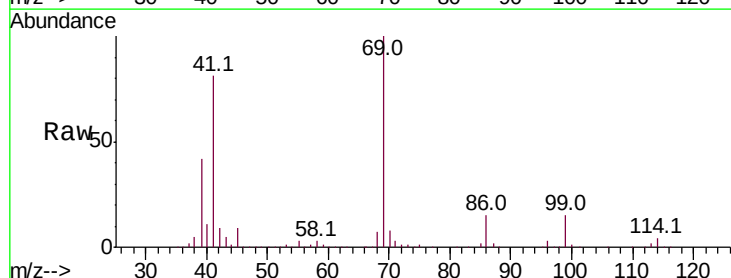
Tgt Ion: 69 Resp: 158887

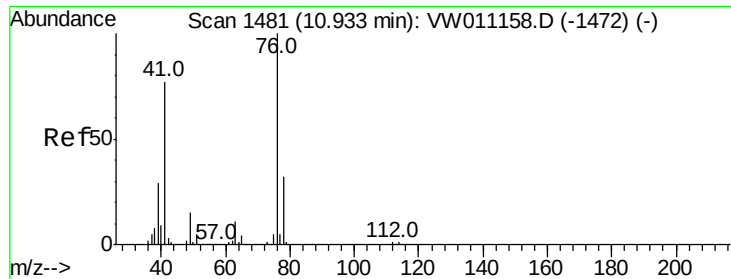
Ion Ratio Lower Upper

69 100

41 81.0 66.5 99.7

39 36.1 32.5 48.7





#57

1,3-Dichloropropane

Concen: 48.317 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 196280

Ion Ratio Lower Upper

76 100

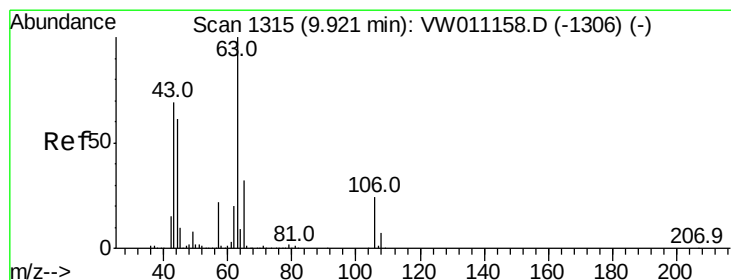
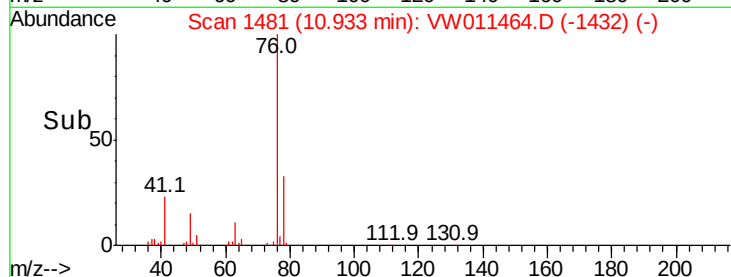
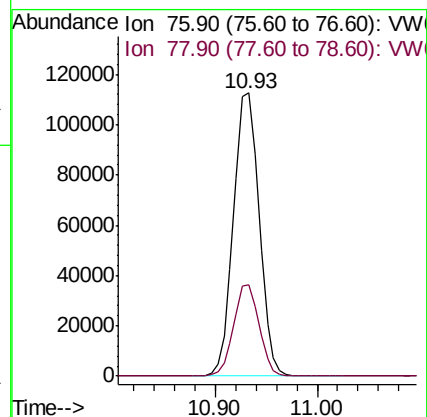
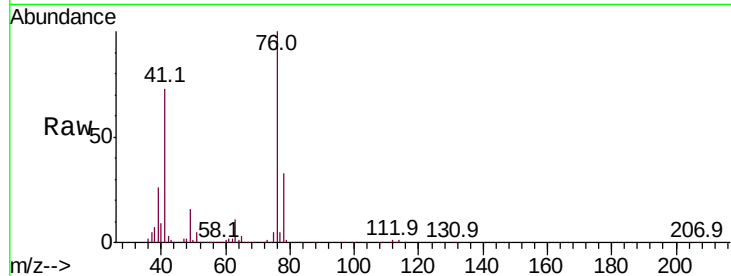
78 32.1 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 238.157 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW011464.D

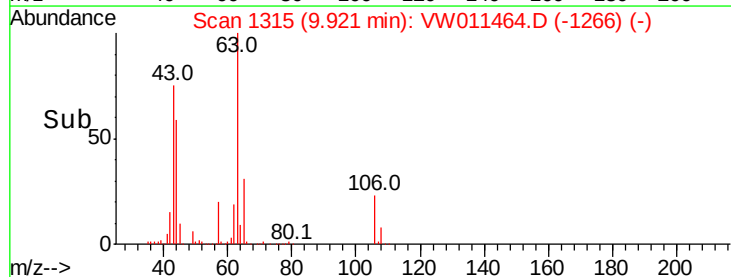
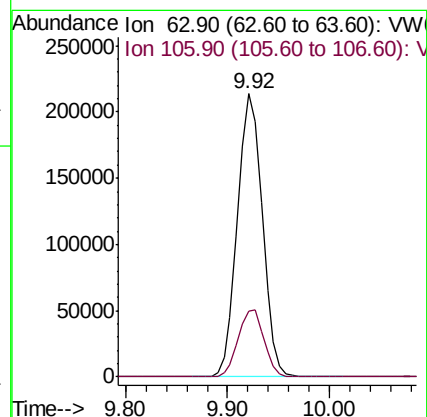
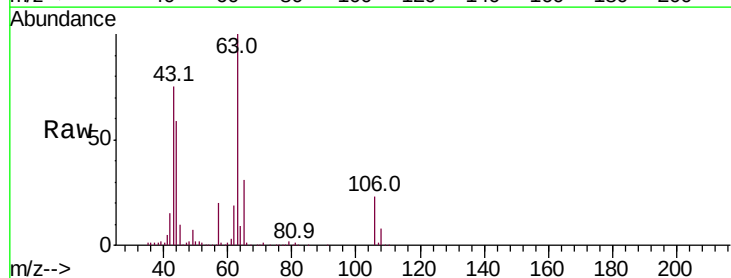
Acq: 24 Jul 2019 10:11

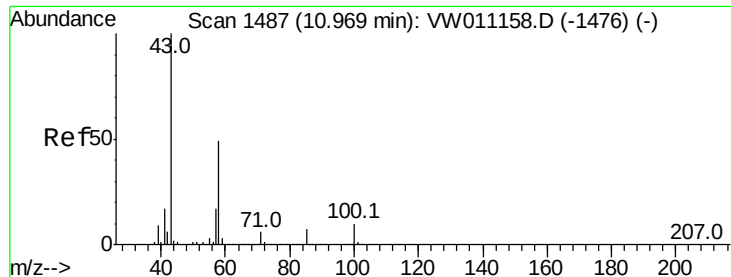
Tgt Ion: 63 Resp: 361112

Ion Ratio Lower Upper

63 100

106 24.4 19.4 29.0





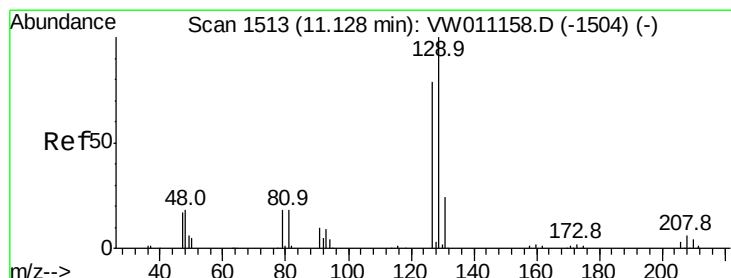
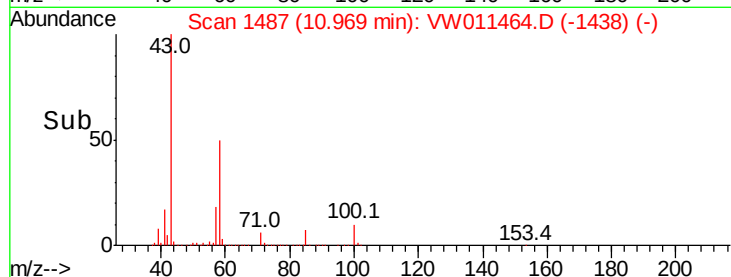
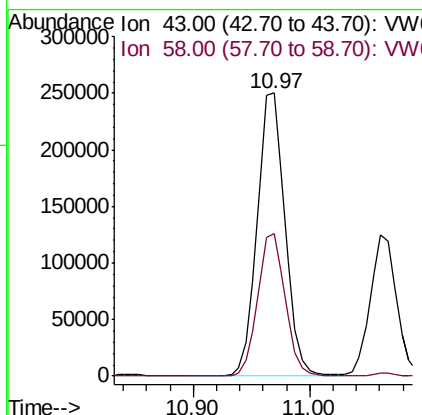
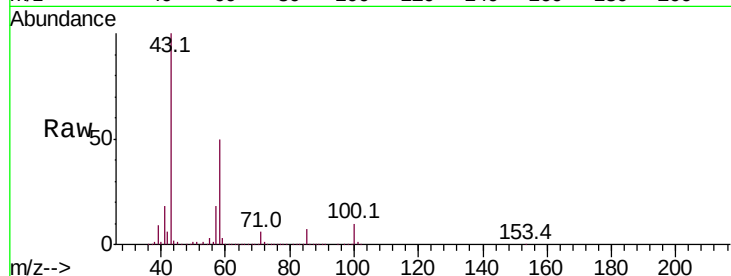
#59
2-Hexanone
Concen: 235.893 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 417553
Ion Ratio Lower Upper
43 100
58 49.9 24.4 73.4

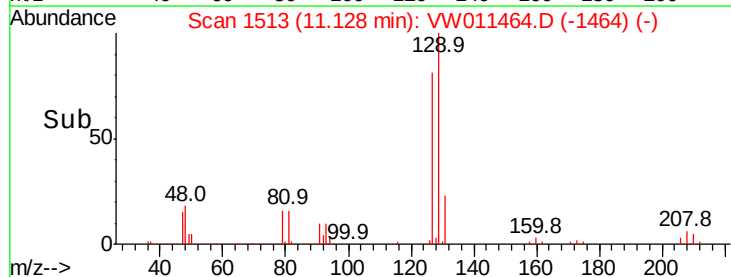
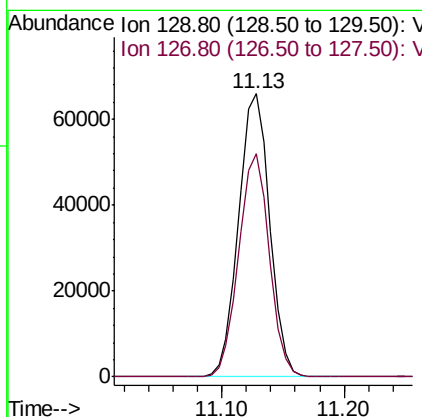
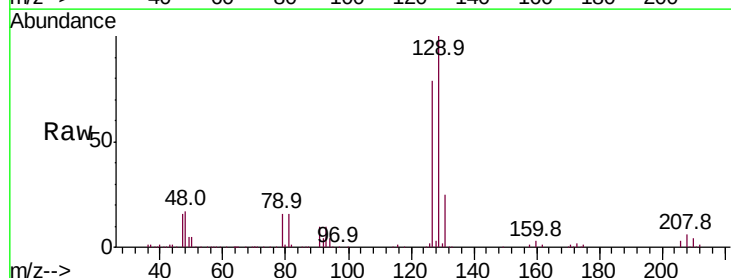
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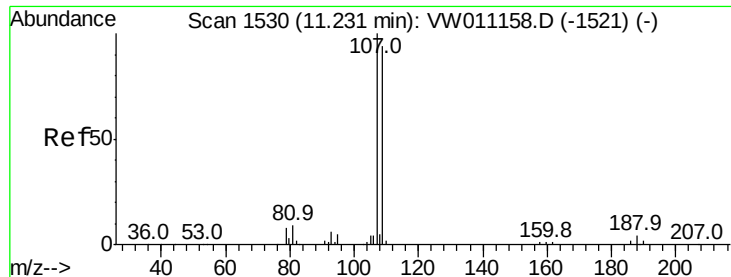
MMDadoda
7/25/2019 8:18:01 AM



#60
Dibromochloromethane
Concen: 49.485 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 129 Resp: 116572
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3





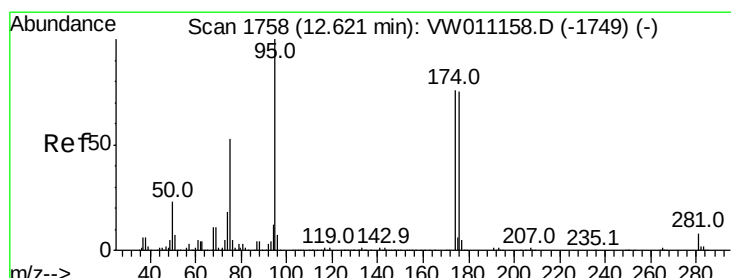
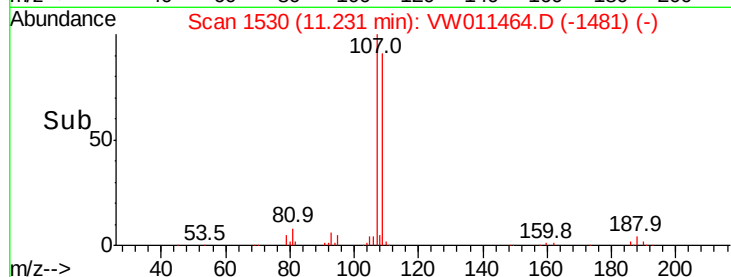
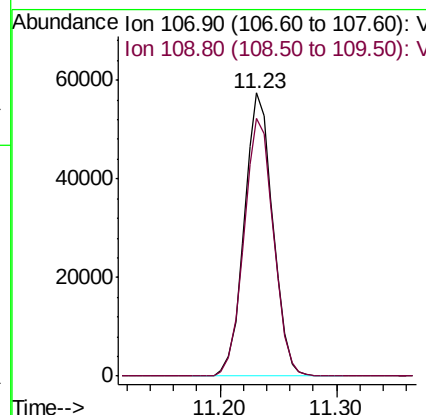
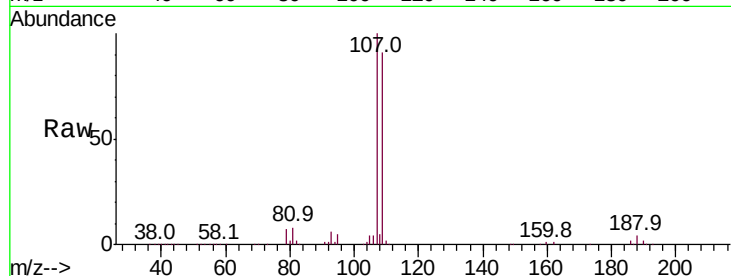
#61
 1,2-Dibromoethane
 Concen: 48.266 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.2	112.8

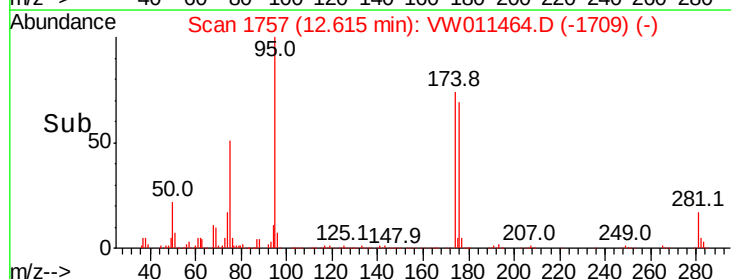
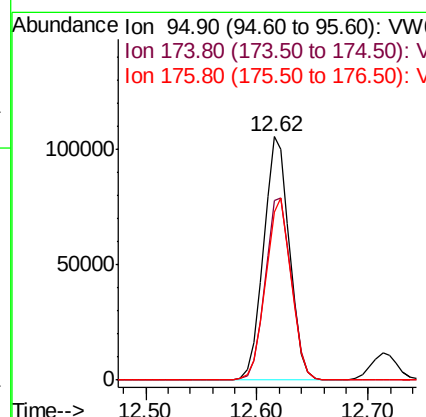
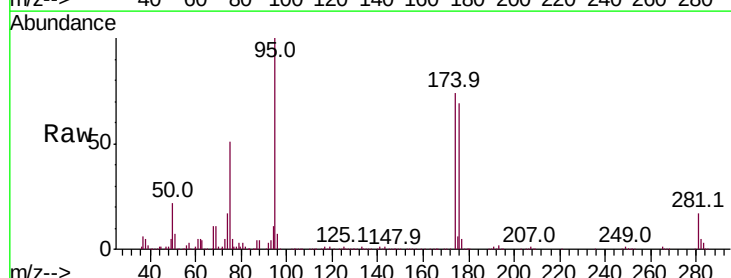
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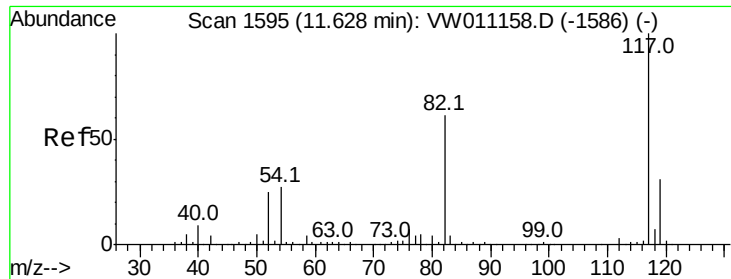
MMDadoda
 7/25/2019 8:18:01 AM



#62
 4-Bromofluorobenzene
 Concen: 47.758 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	147.6
176	73.9	0.0	144.6





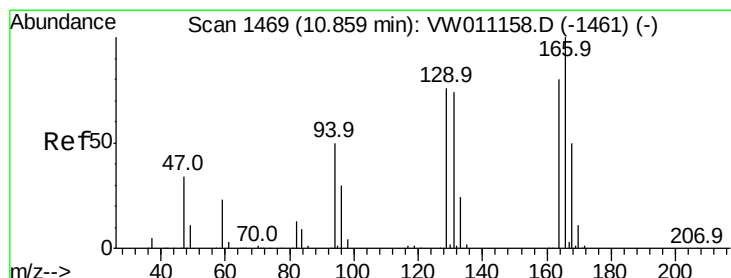
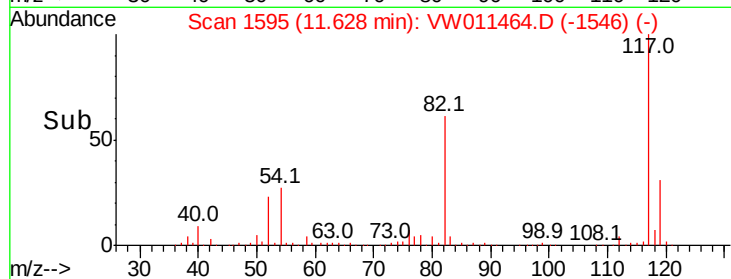
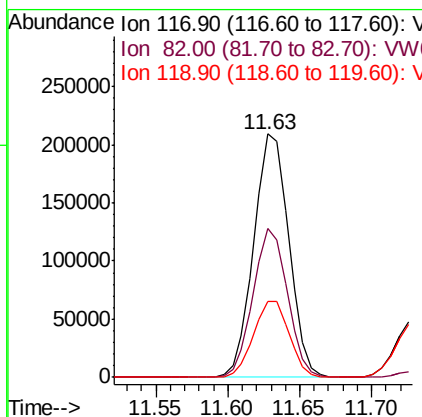
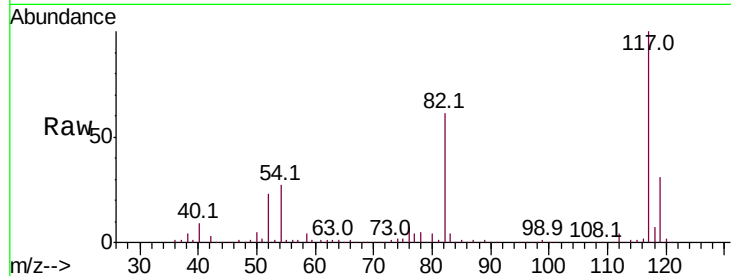
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	48.9	73.3
119	31.3	25.0	37.6

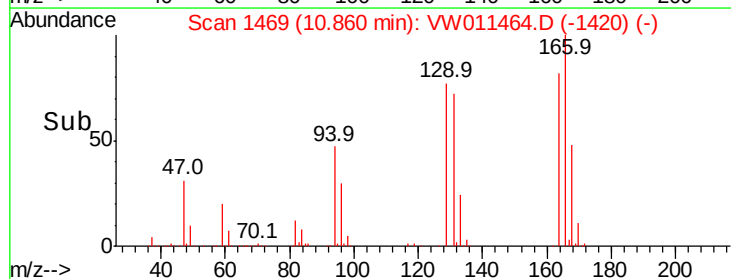
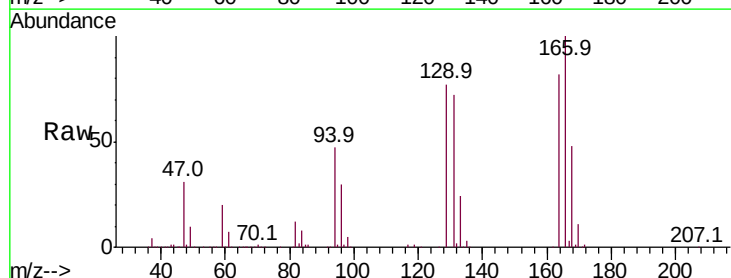
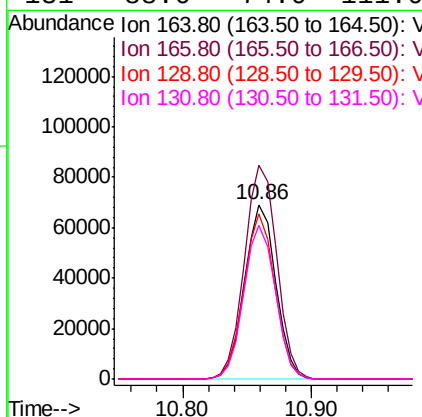
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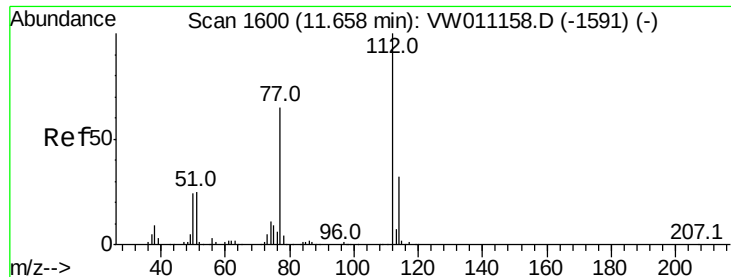
MMDadoda
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#64
Tetrachloroethene
Concen: 48.615 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.7	99.7	149.5
129	94.8	76.2	114.2
131	88.6	74.0	111.0





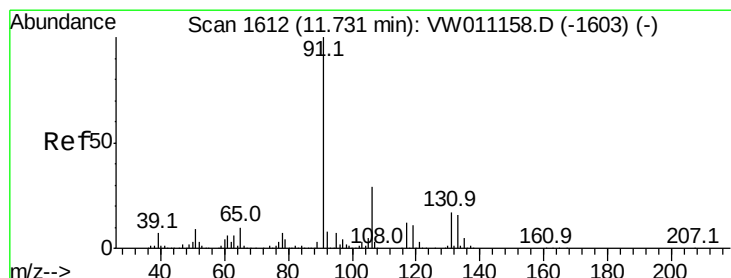
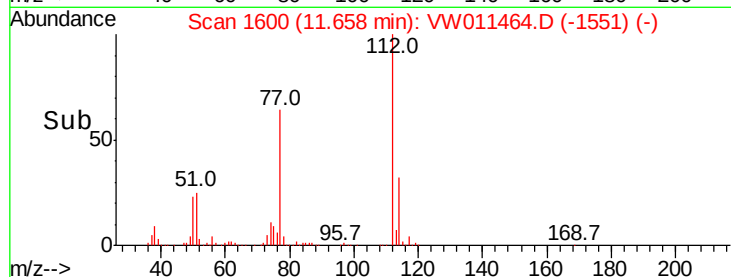
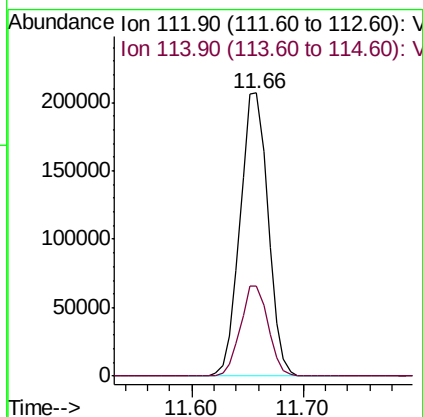
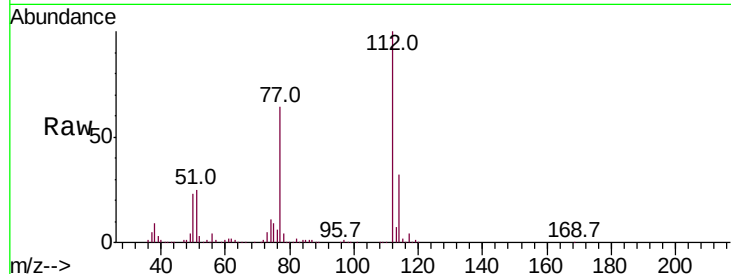
#65
Chlorobenzene
Concen: 50.439 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.5	38.3

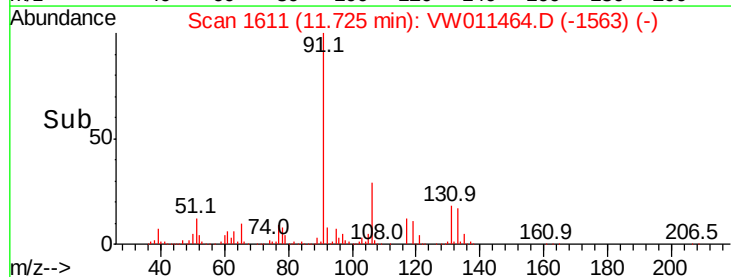
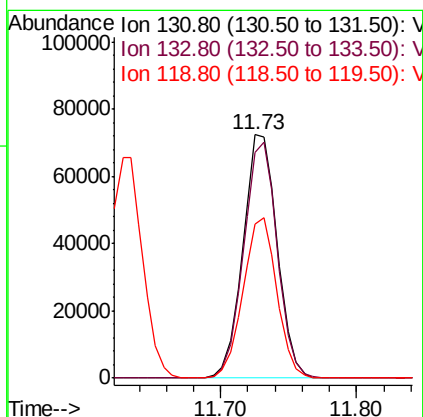
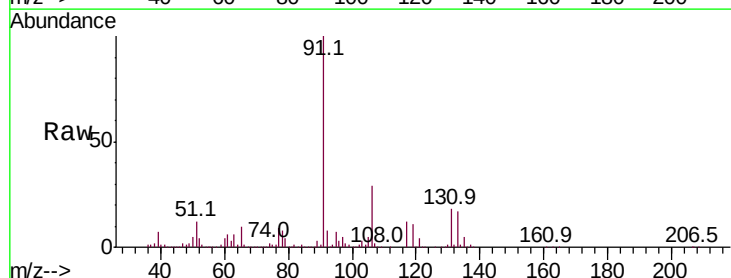
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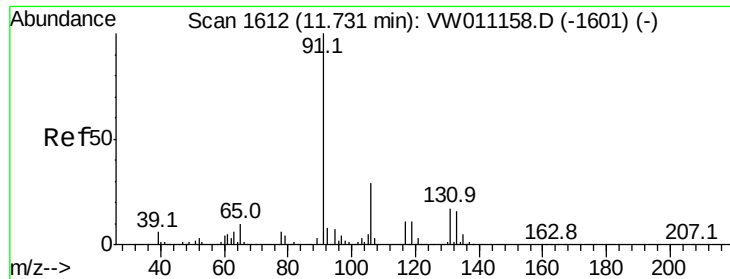
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.356 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.9	143.8
119	64.9	33.1	99.2





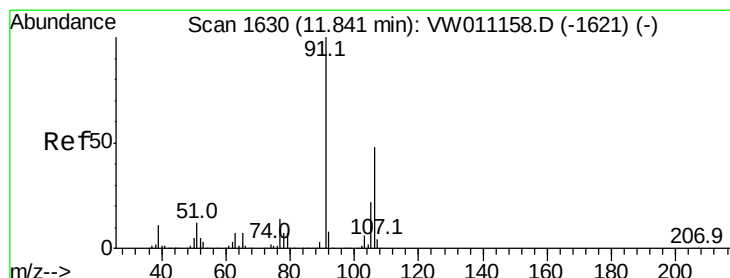
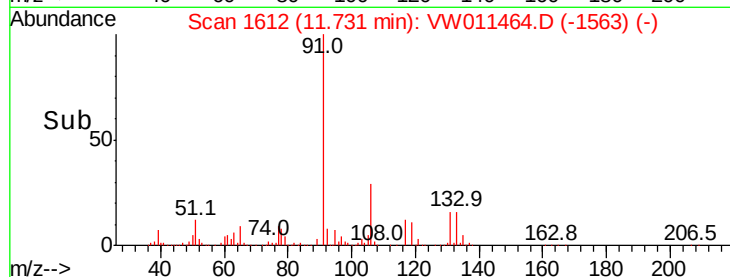
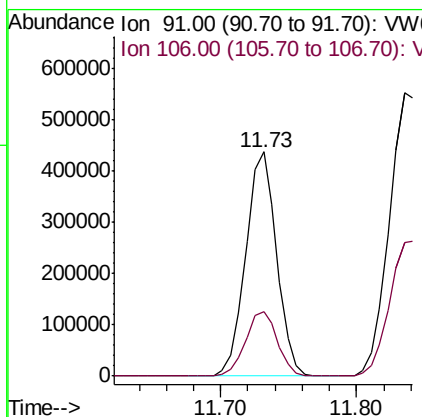
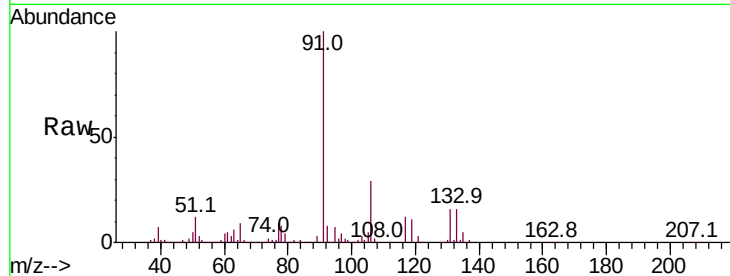
#67
Ethyl Benzene
Concen: 50.599 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.0	23.5	35.3

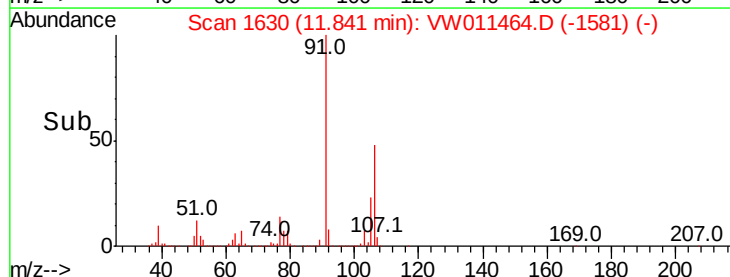
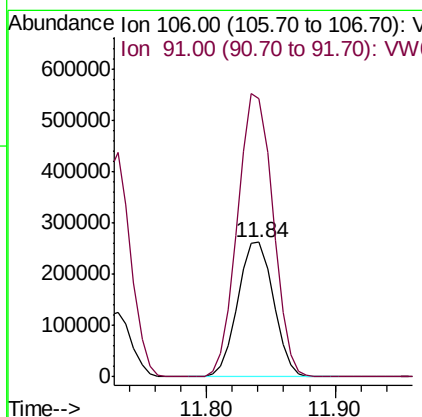
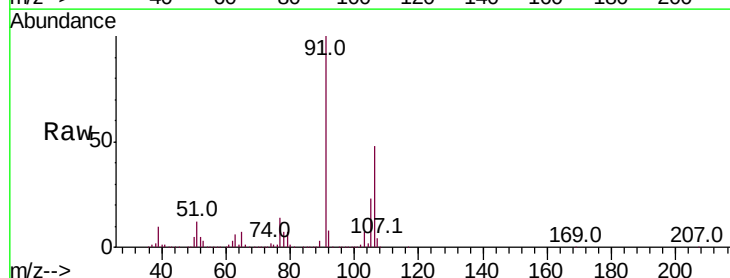
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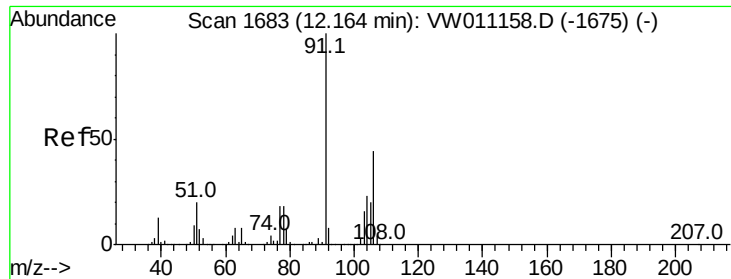
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#68
m/p-Xylenes
Concen: 101.575 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.1	167.7	251.5





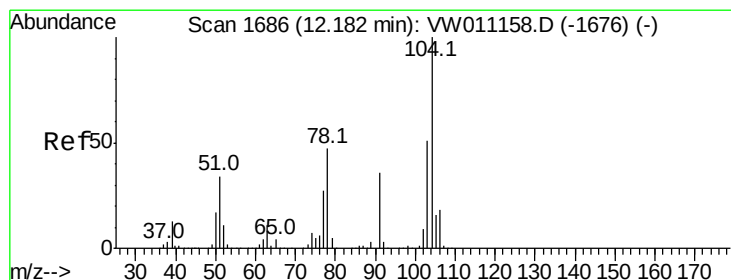
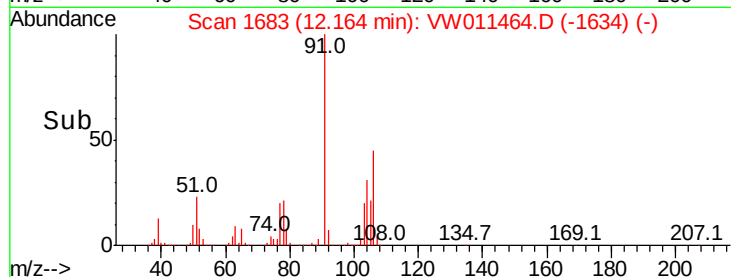
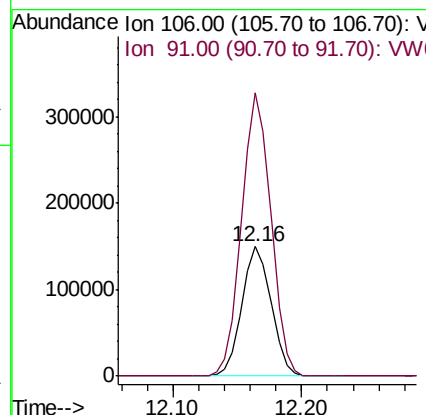
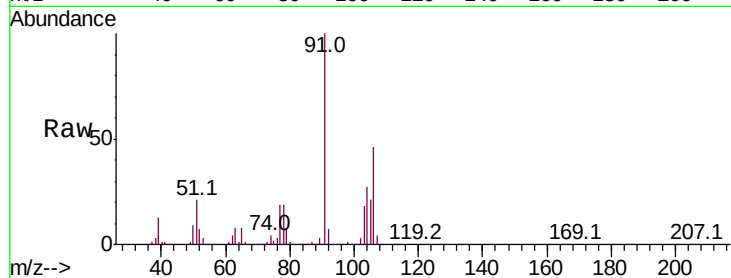
#69
o-Xylene
Concen: 50.332 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 235692
Ion Ratio Lower Upper
106 100
91 219.7 110.7 332.1

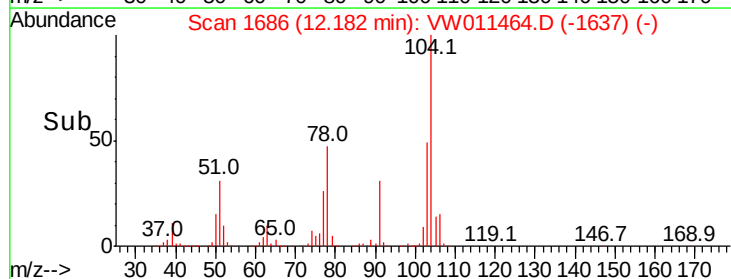
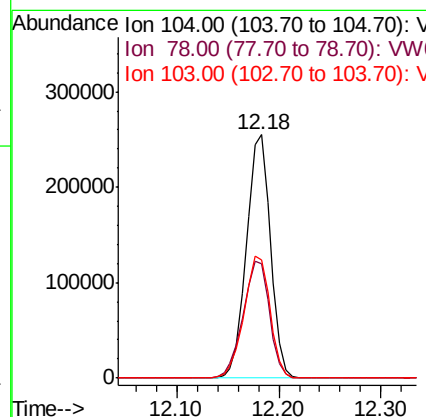
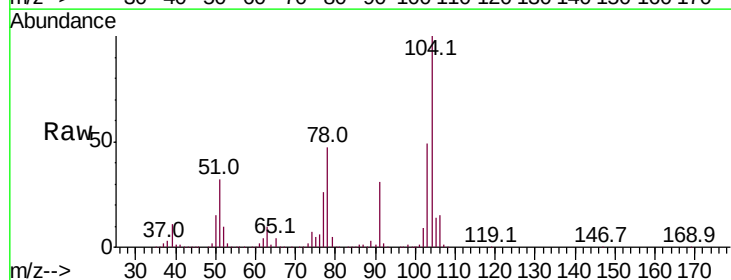
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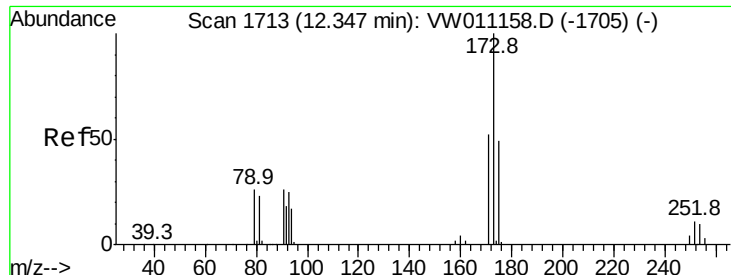
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#70
Styrene
Concen: 51.401 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion:104 Resp: 415405
Ion Ratio Lower Upper
104 100
78 53.1 43.1 64.7
103 54.4 44.1 66.1





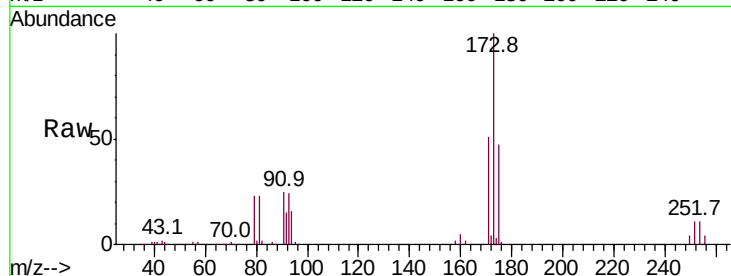
#71
Bromoform
Concen: 48.970 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.8	74.3
254	0.1	0.0	0.0

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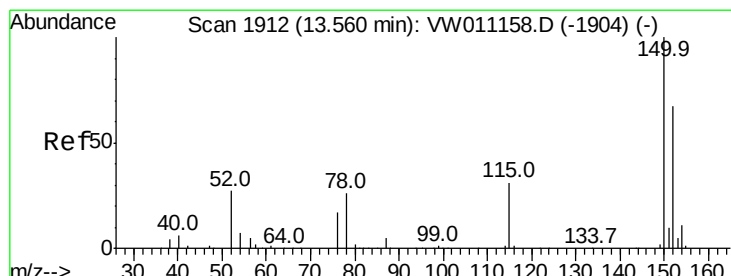
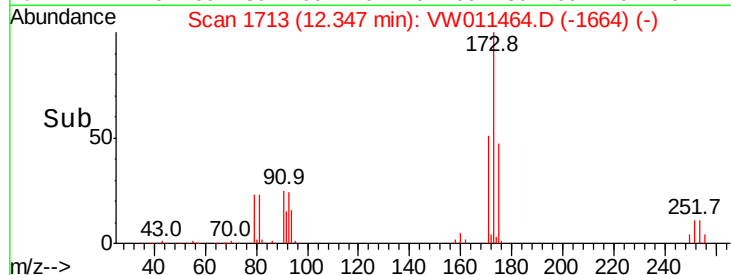
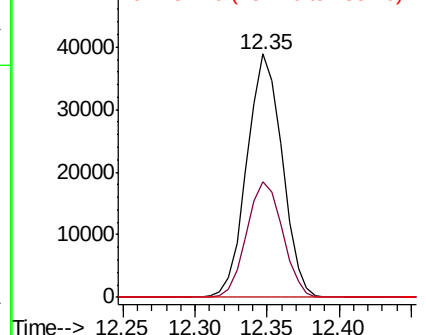


Abundance

Ion 172.70 (172.40 to 173.40): V

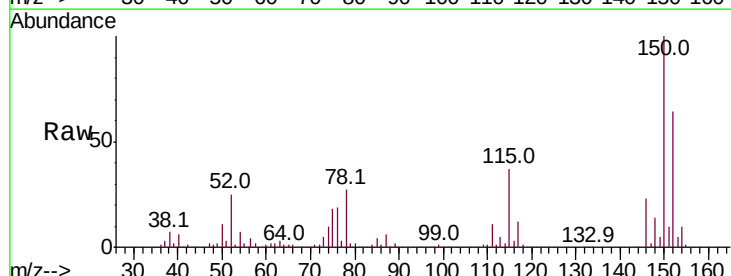
Ion 174.70 (174.40 to 175.40): V

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: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.1	90.3
150	171.4	0.0	346.0

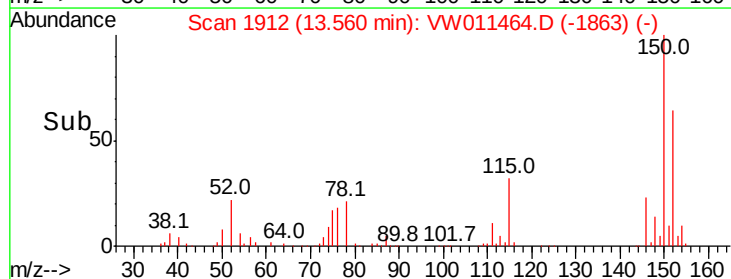
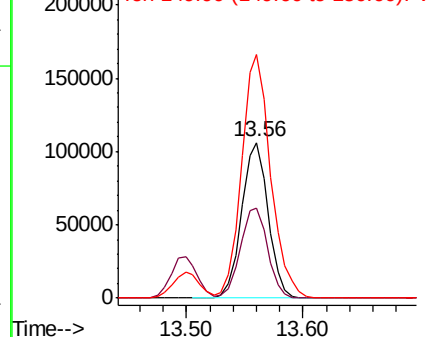


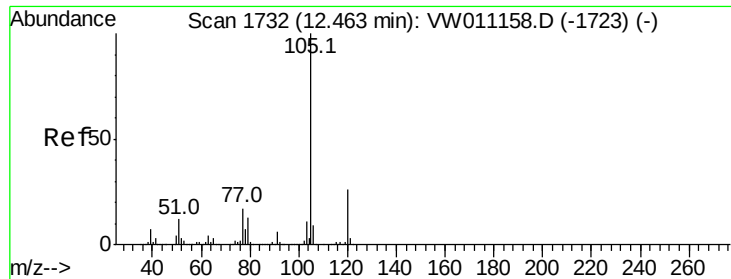
Abundance

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





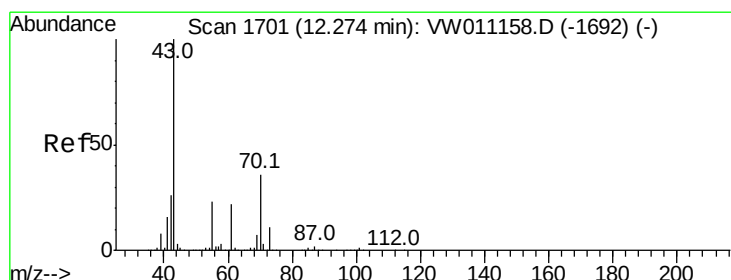
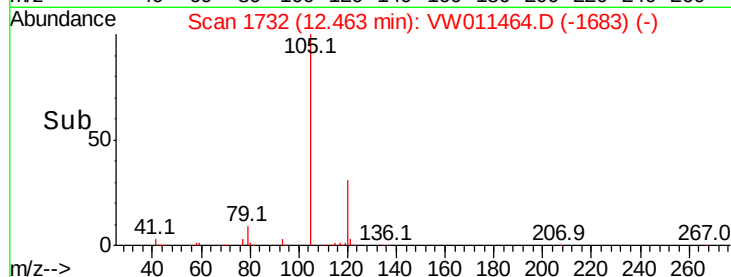
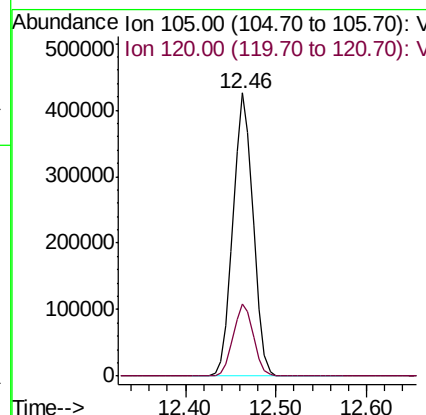
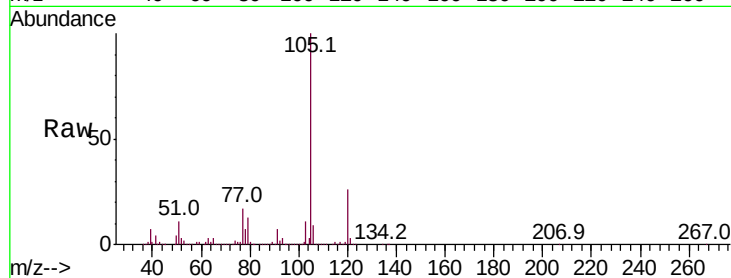
#73
Isopropylbenzene
Concen: 52.021 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.3

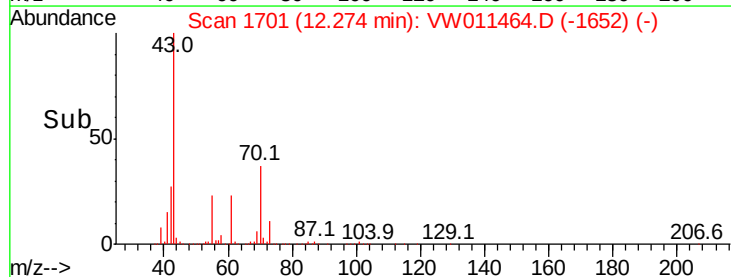
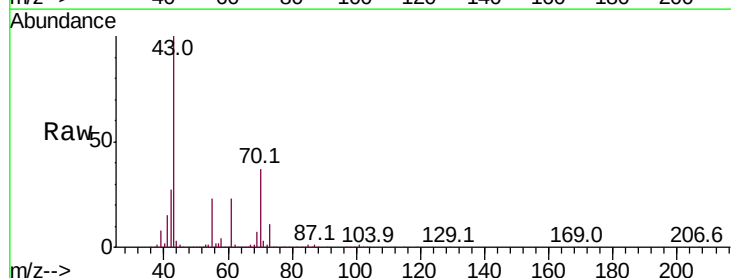
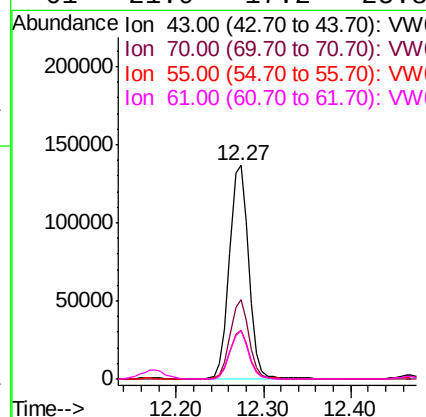
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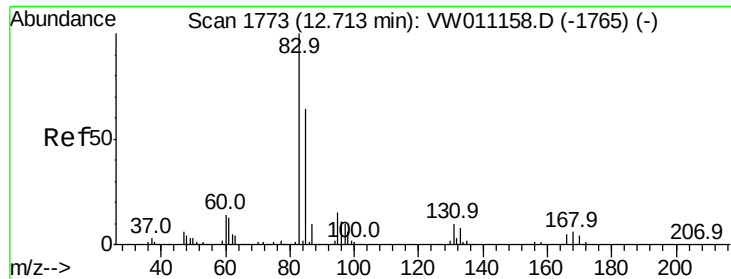
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#74
N-ethyl acetate
Concen: 47.592 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.2	28.5	42.7
55	22.4	18.1	27.1
61	21.9	17.2	25.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.456 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

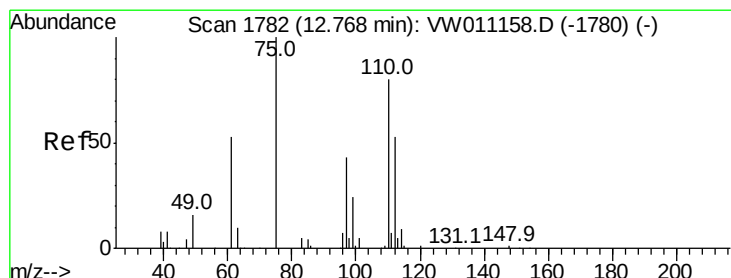
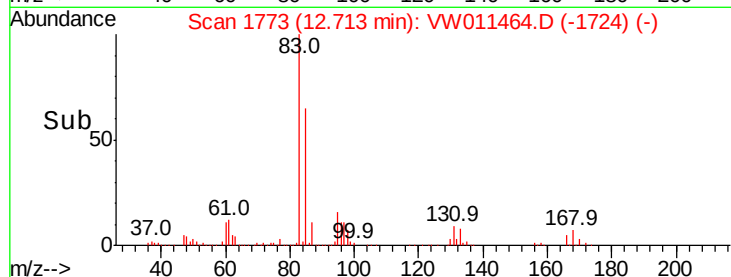
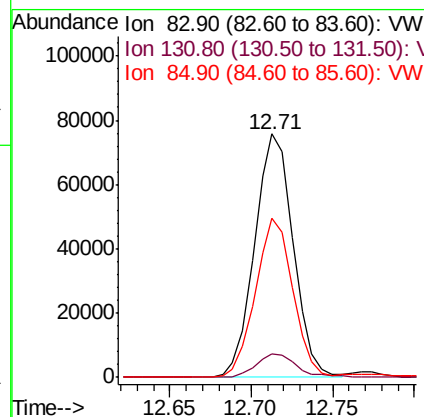
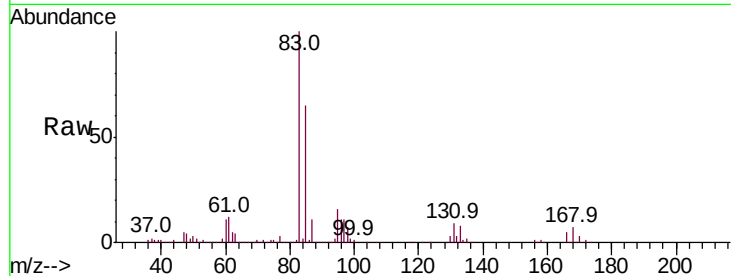
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	124709
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	63.7	31.6	94.8

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#76

1,2,3-Trichloropropane

Concen: 52.836 ug/l m

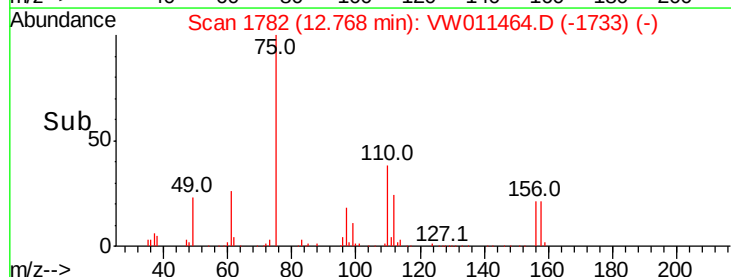
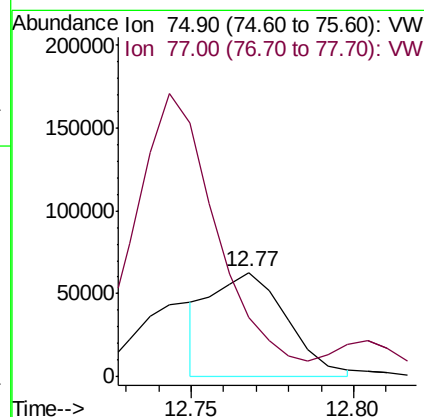
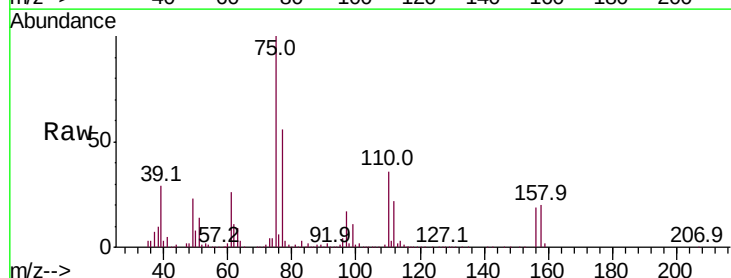
RT: 12.77 min Scan# 1782

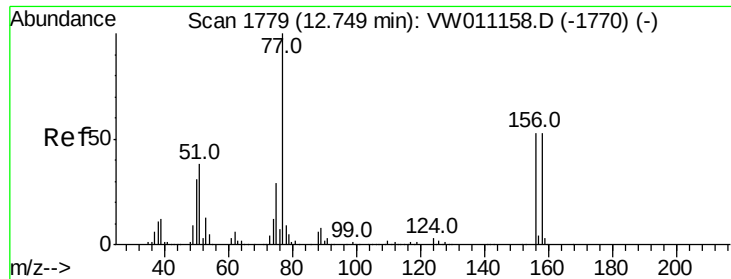
Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Tgt Ion:	75	Resp:	102550
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.945 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 143543

Ion Ratio Lower Upper

156 100

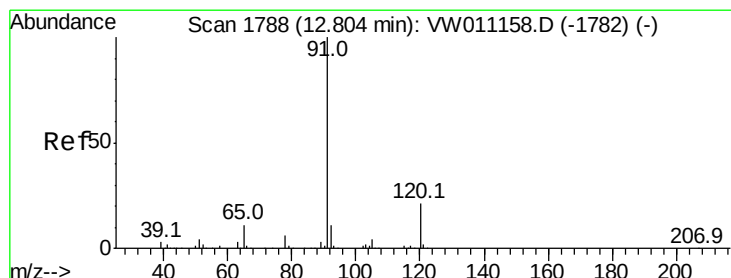
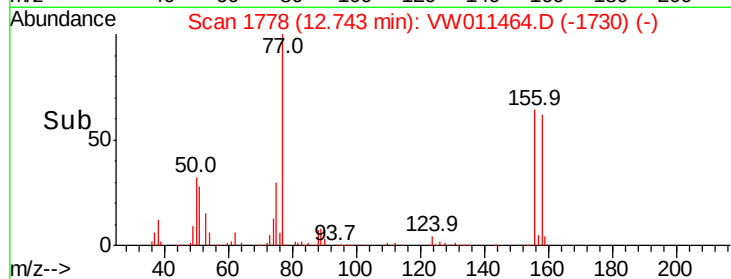
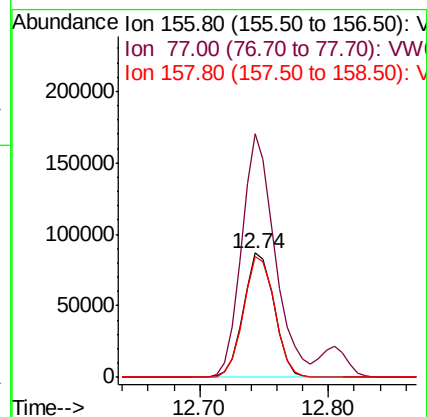
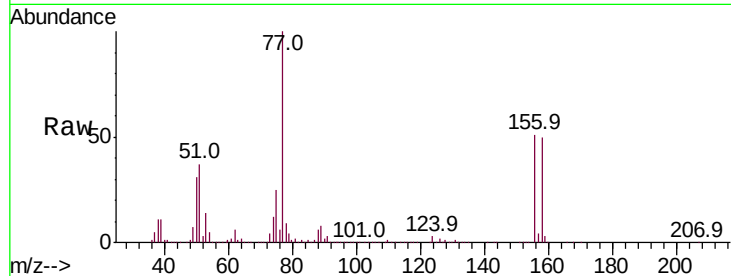
77 212.1 109.0 327.0

158 98.2 48.8 146.3

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#78

n-propylbenzene

Concen: 51.561 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011464.D

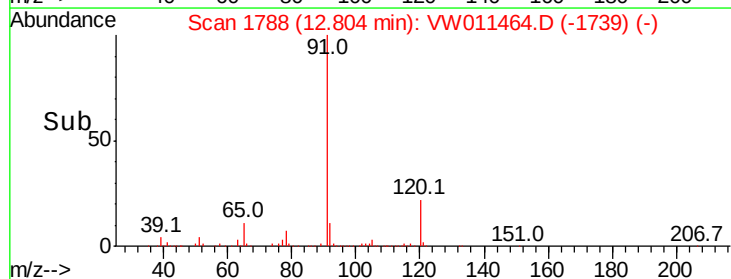
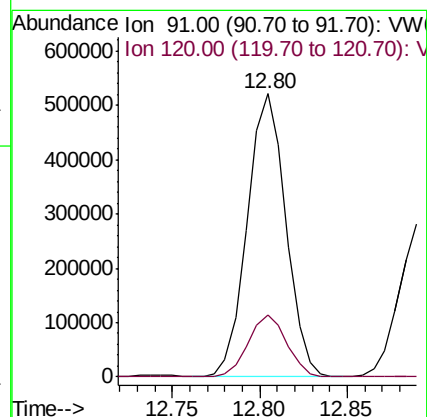
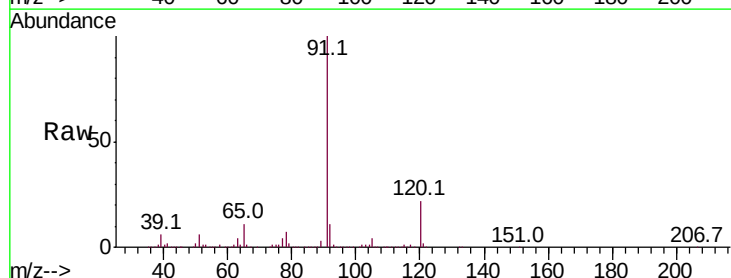
Acq: 24 Jul 2019 10:11

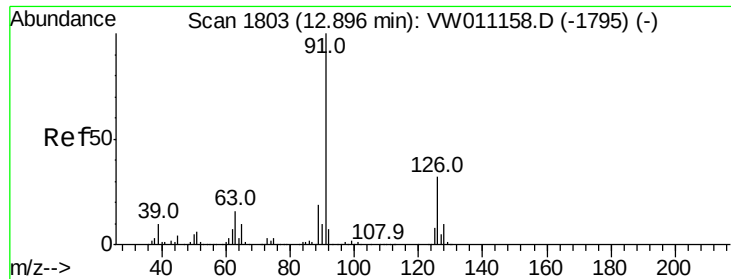
Tgt Ion: 91 Resp: 797451

Ion Ratio Lower Upper

91 100

120 21.8 10.8 32.3





#79

2-Chlorotoluene

Concen: 51.042 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 454274

Ion Ratio Lower Upper

91 100

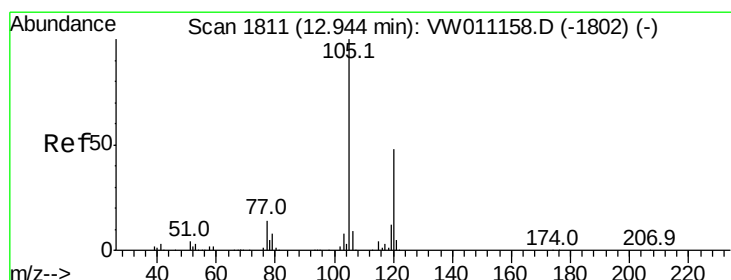
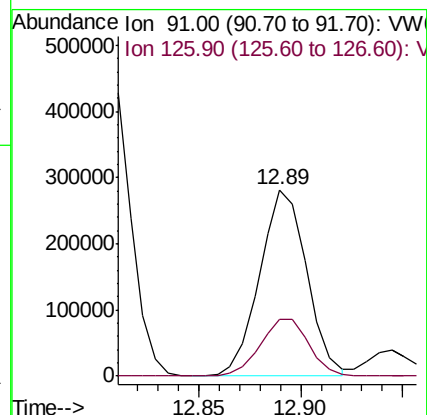
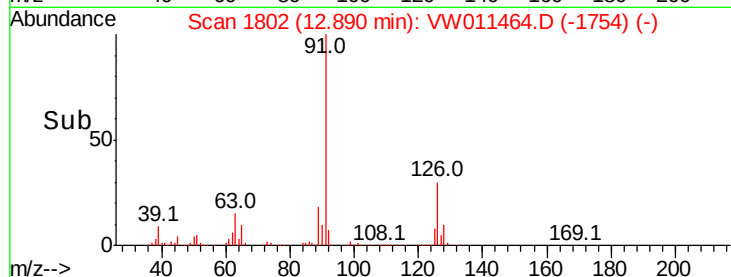
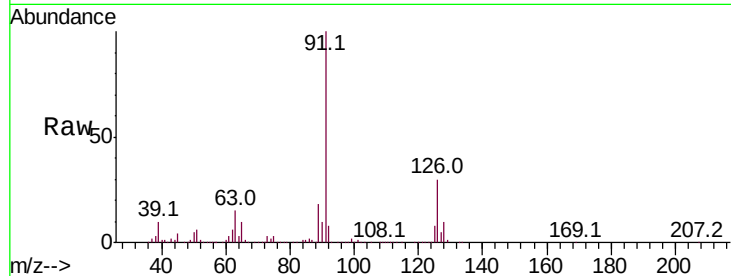
126 31.6 15.8 47.3

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#80

1,3,5-Trimethylbenzene

Concen: 51.358 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011464.D

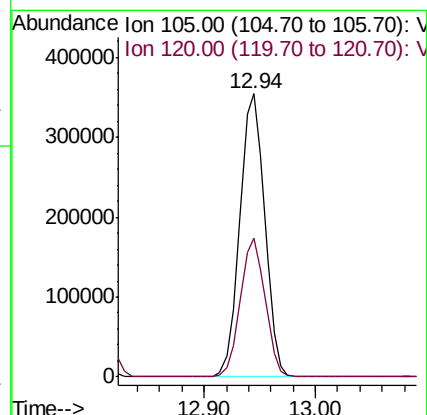
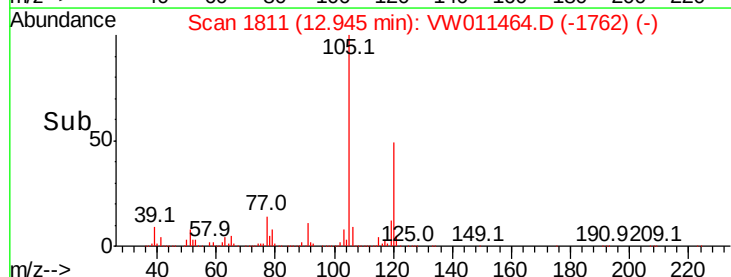
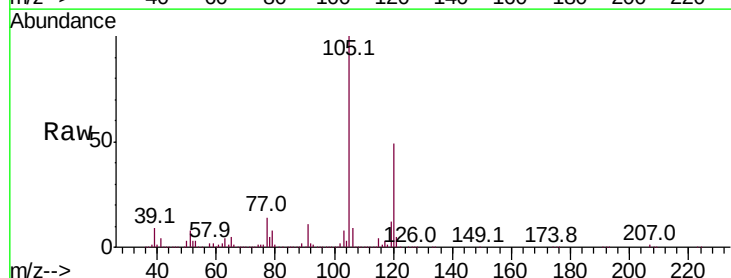
Acq: 24 Jul 2019 10:11

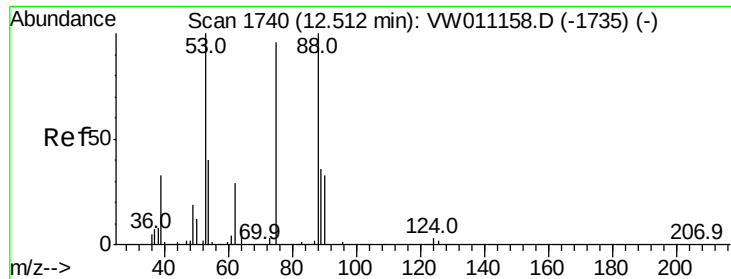
Tgt Ion: 105 Resp: 547801

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2





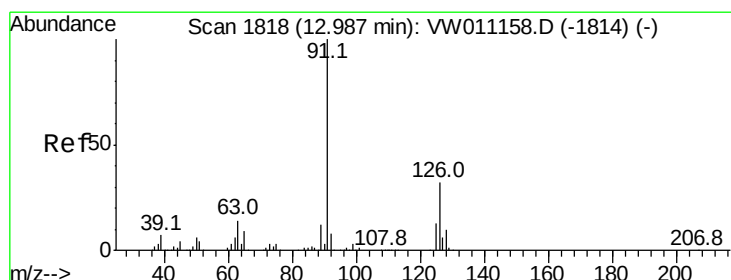
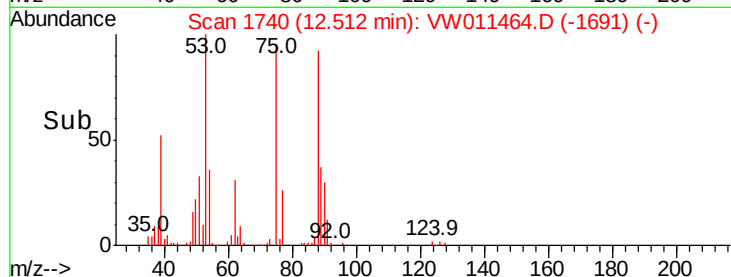
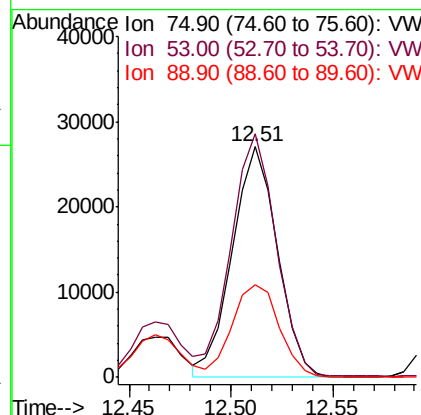
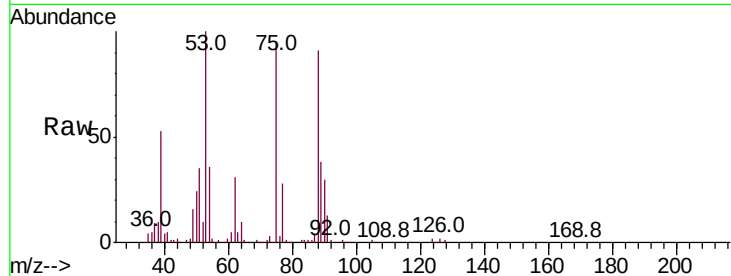
#81
trans-1,4-Dichloro-2-butene
Concen: 48.074 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.9	89.8	134.6
89	41.8	34.3	51.5

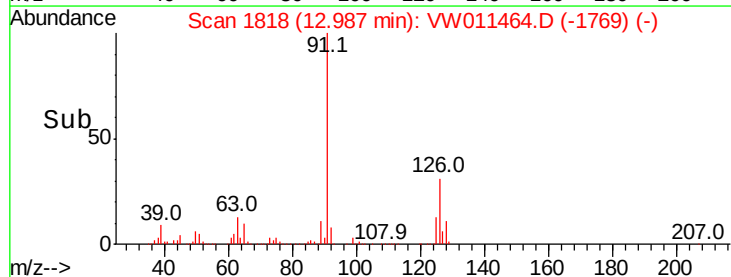
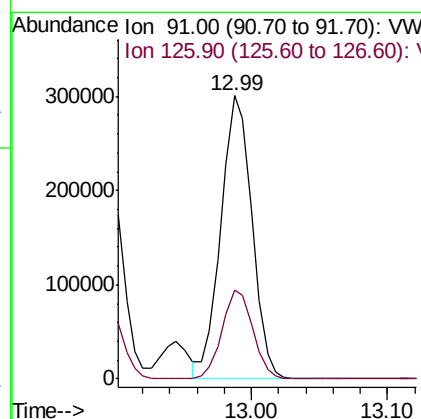
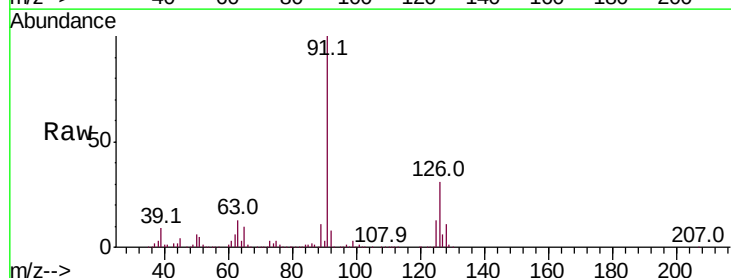
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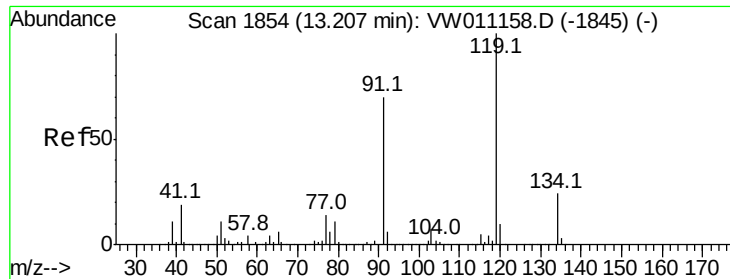
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#82
4-Chlorotoluene
Concen: 51.287 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.7	47.1





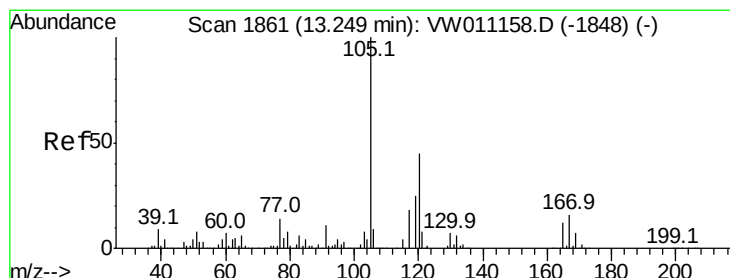
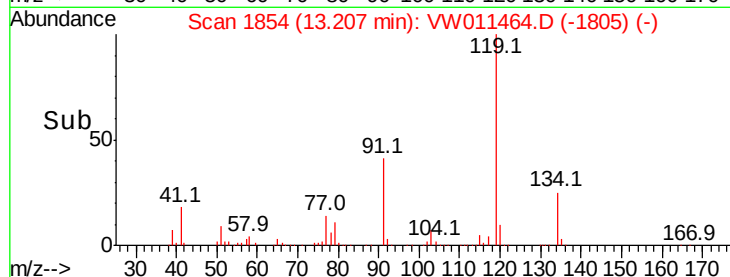
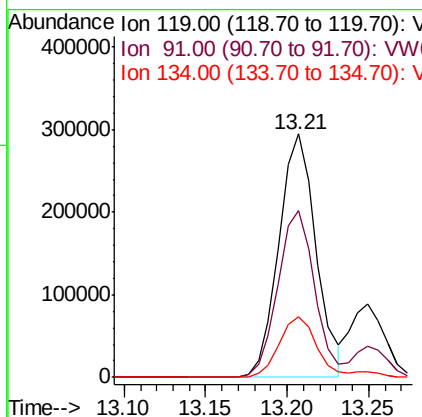
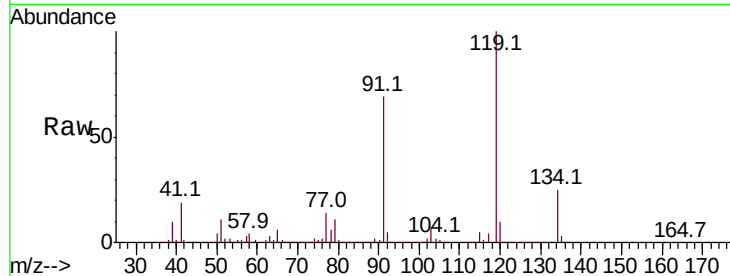
#83
tert-Butylbenzene
Concen: 52.304 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.8	35.4	106.3
134	25.1	13.4	40.2

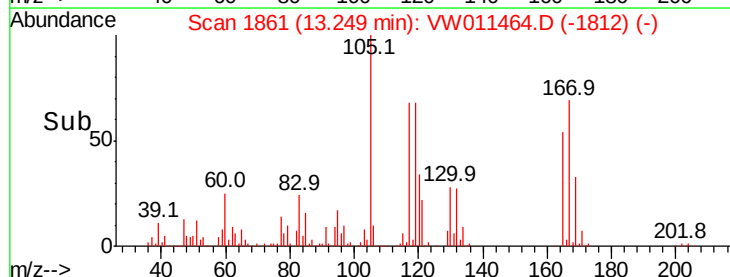
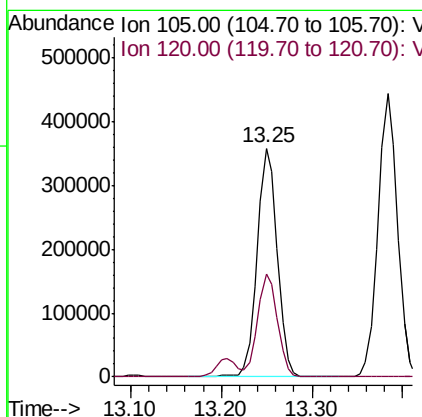
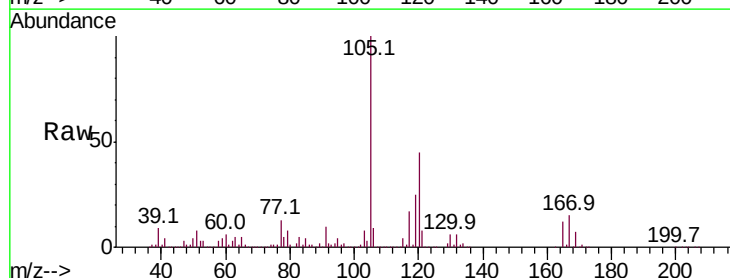
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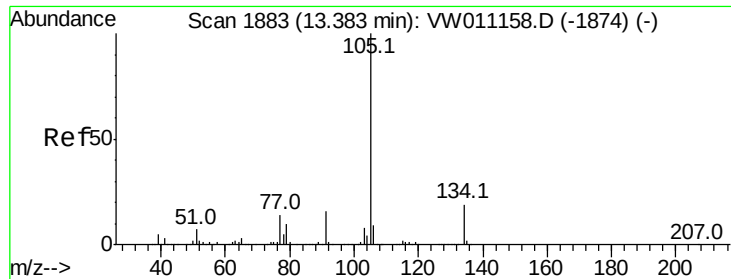
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.190 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.3	66.9





#85

sec-Butylbenzene

Concen: 51.280 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 658231

Ion Ratio Lower Upper

105 100

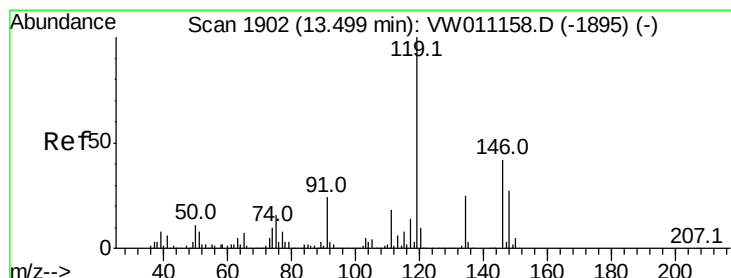
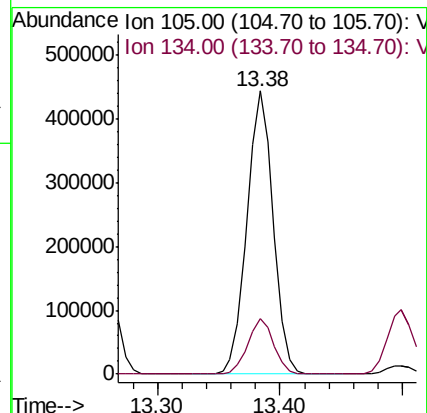
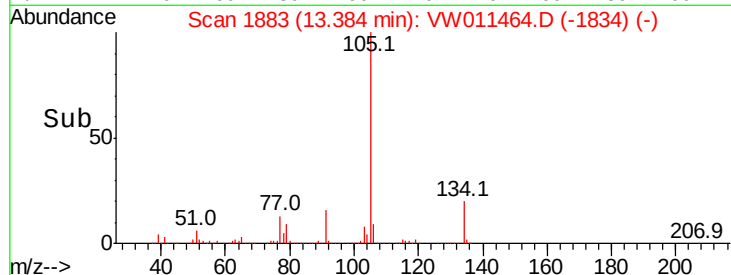
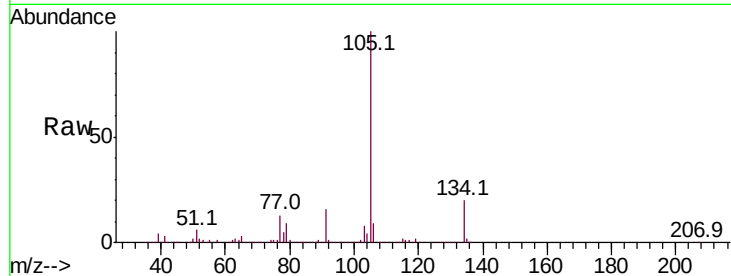
134 19.4 9.7 28.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.696 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

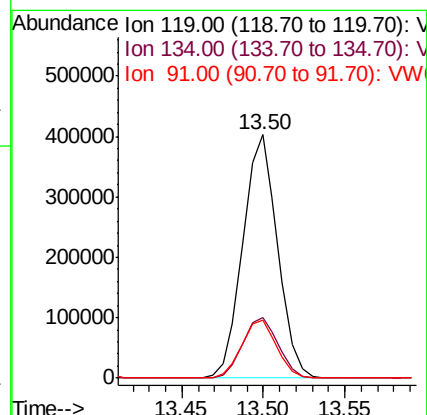
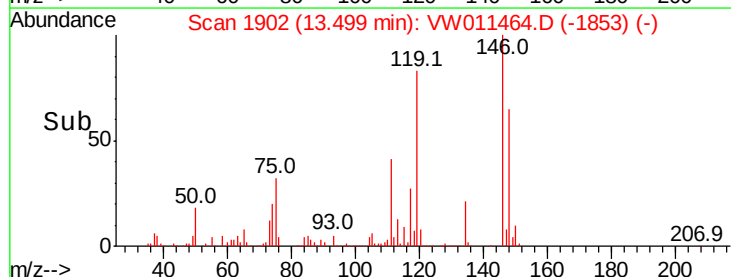
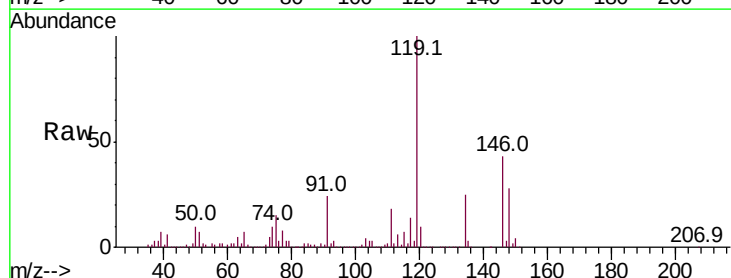
Tgt Ion:119 Resp: 595160

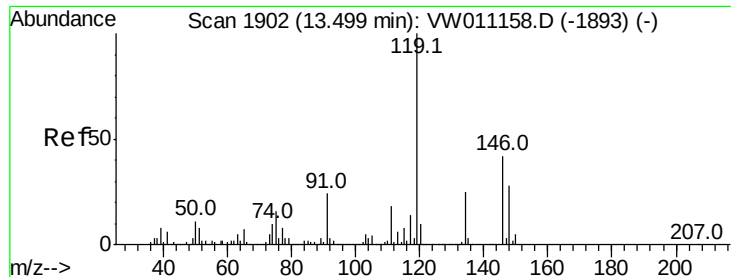
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 24.1 12.3 36.8





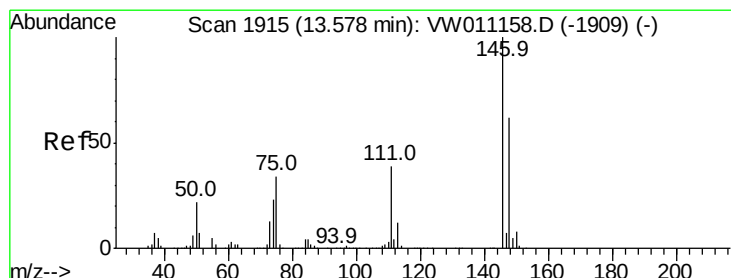
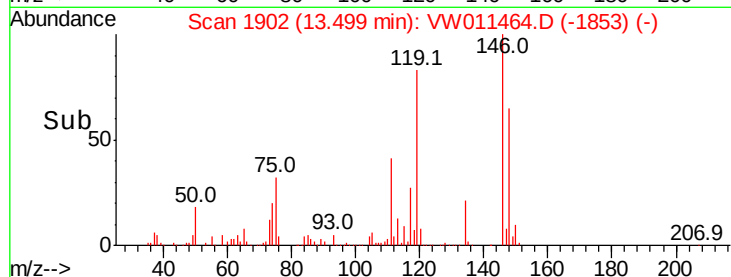
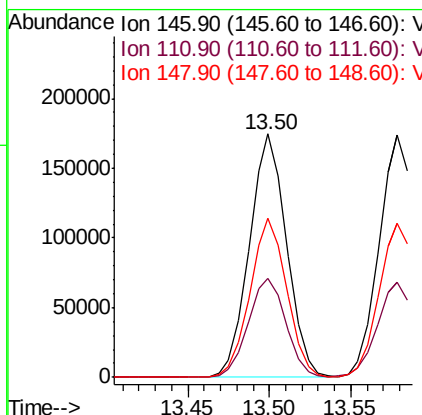
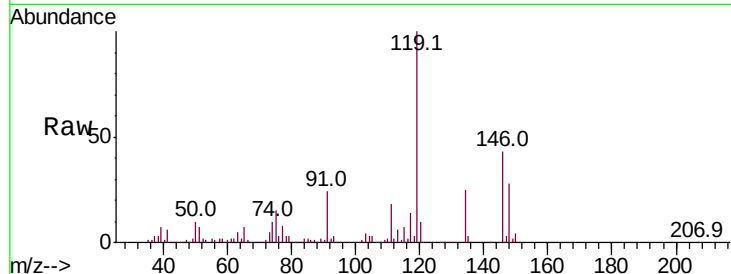
#87
 1,3-Dichlorobenzene
 Concen: 50.865 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.1	63.1
148	64.4	32.6	97.7

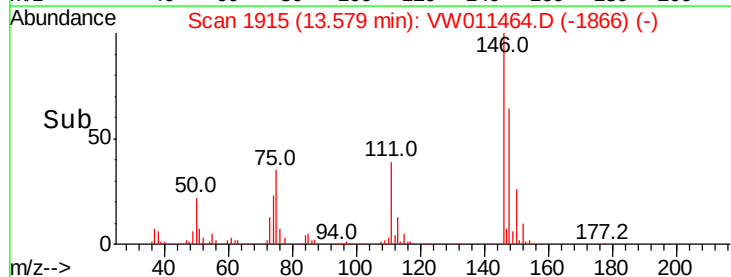
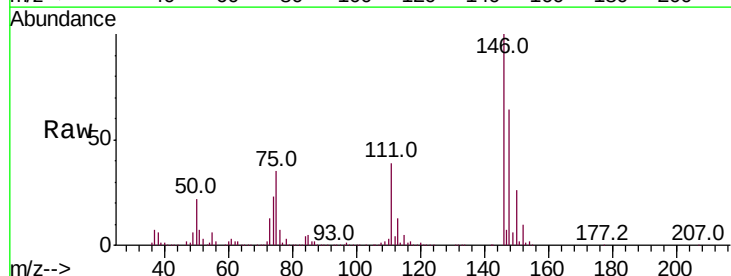
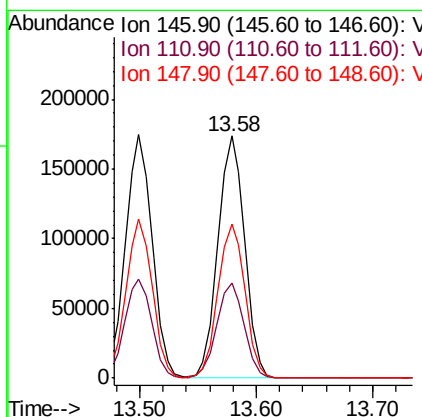
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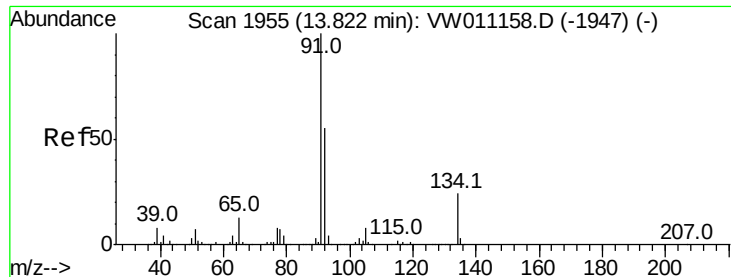
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#88
 1,4-Dichlorobenzene
 Concen: 50.336 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.7
148	64.1	31.5	94.5





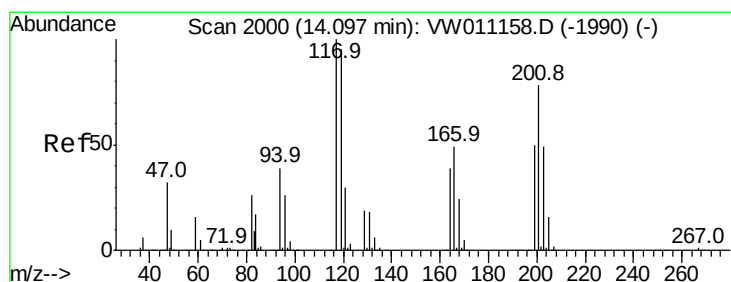
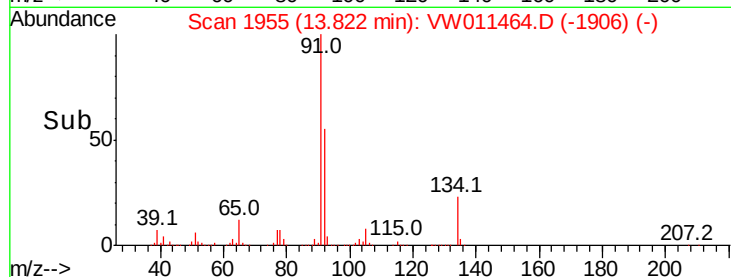
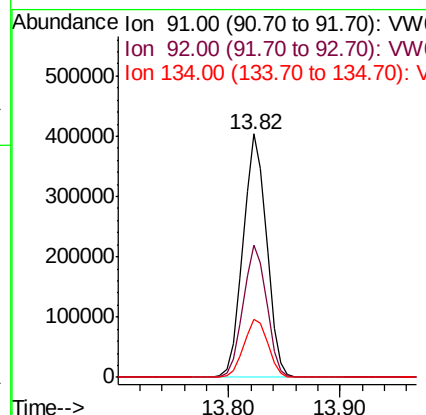
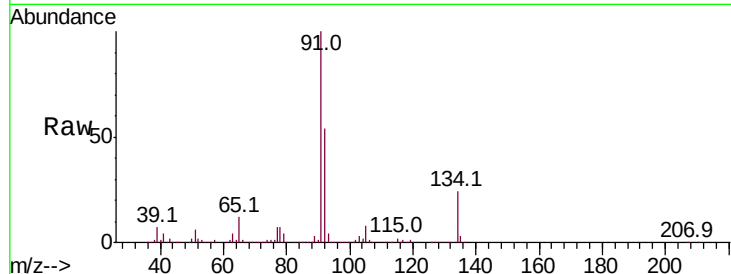
#89
n-Butylbenzene
Concen: 51.450 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.9	80.7
134	24.6	12.2	36.4

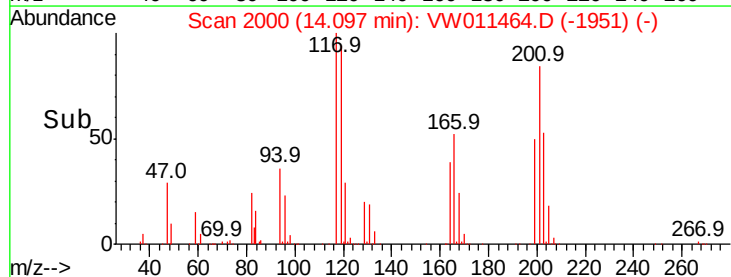
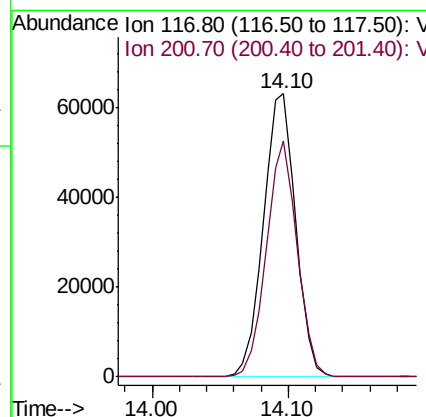
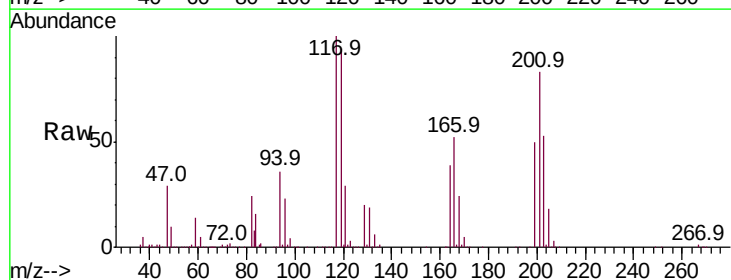
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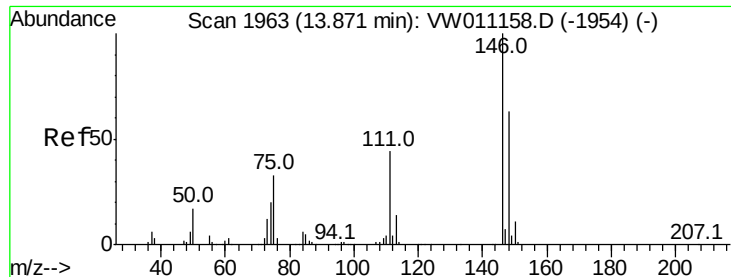
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#90
Hexachloroethane
Concen: 49.944 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.6	38.3	114.8





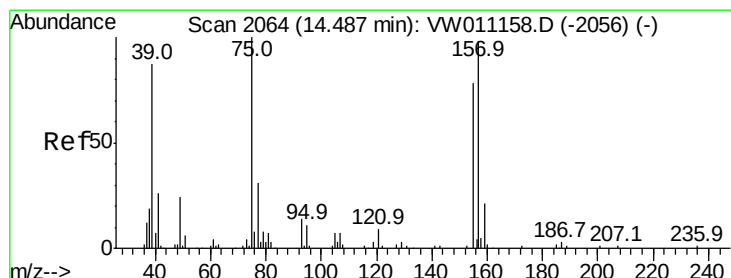
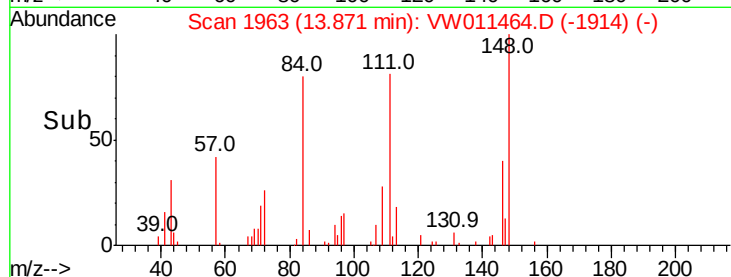
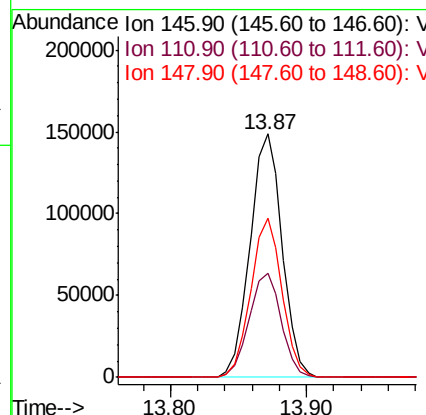
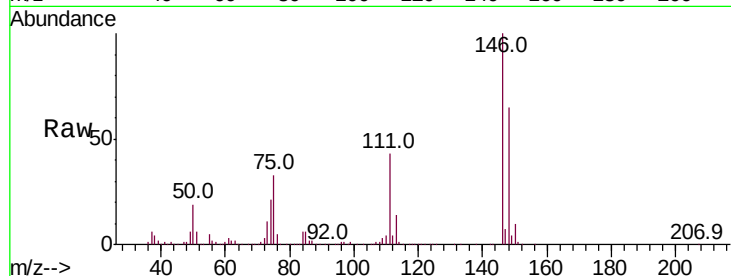
#91
 1,2-Dichlorobenzene
 Concen: 49.962 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.6	65.0
148	63.7	31.9	95.5

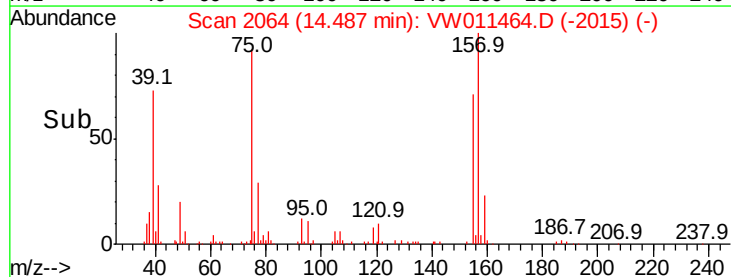
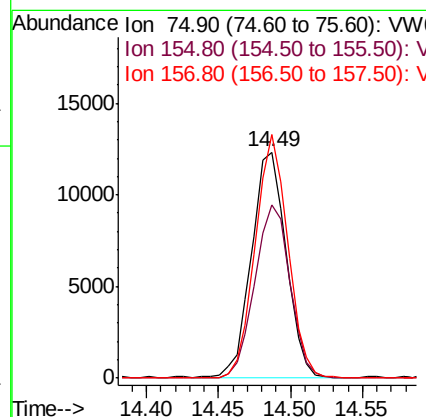
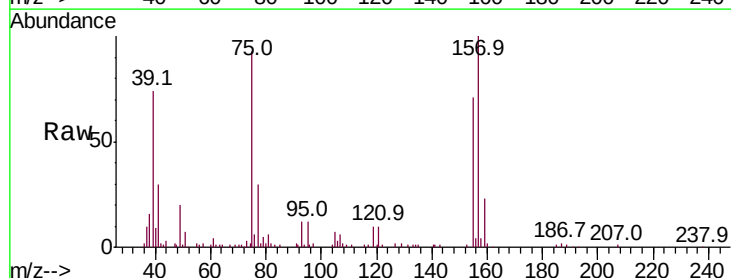
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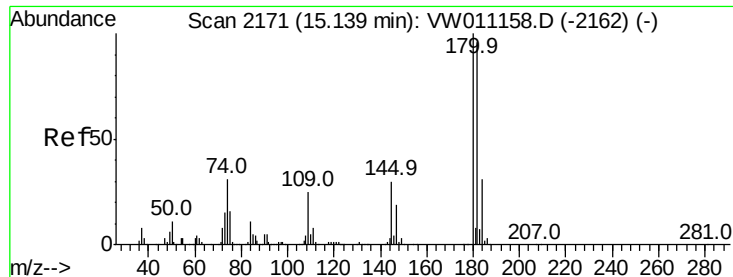
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.123 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.3	37.1	111.3
157	100.7	48.5	145.6





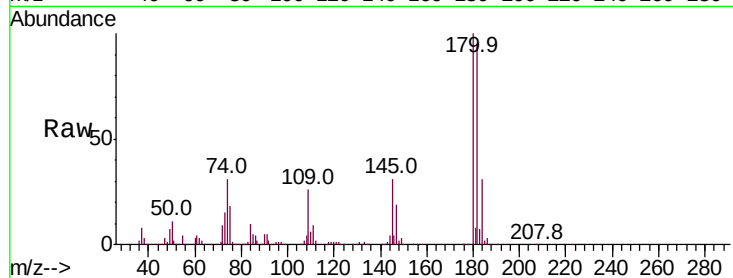
#93
 1,2,4-Trichlorobenzene
 Concen: 51.294 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.6	48.3	144.9	
145	30.0	15.5	46.5	

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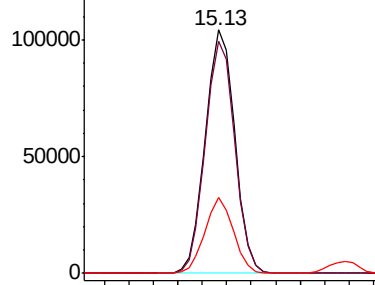


Abundance

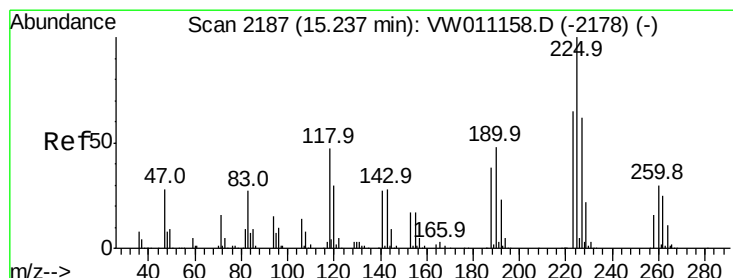
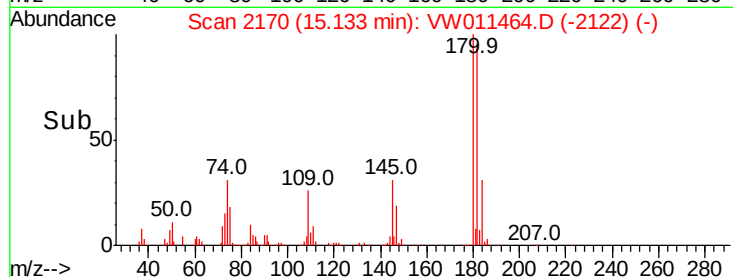
Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

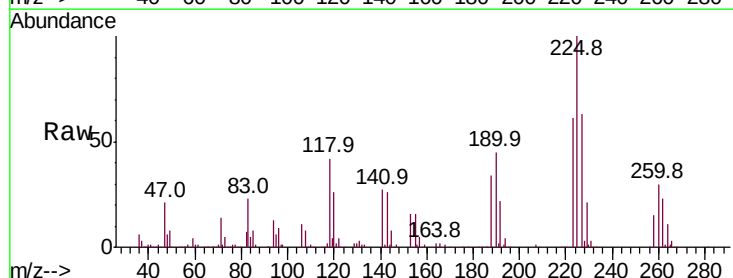


Time-->



#94
 Hexachlorobutadiene
 Concen: 51.172 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	31.6	95.0	
227	64.6	32.0	96.0	

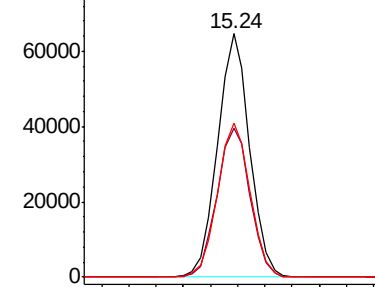


Abundance

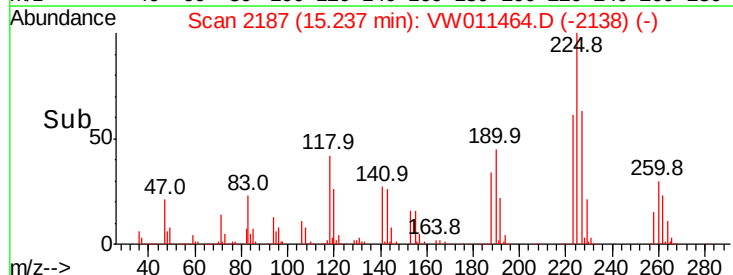
Ion 224.70 (224.40 to 225.40): V

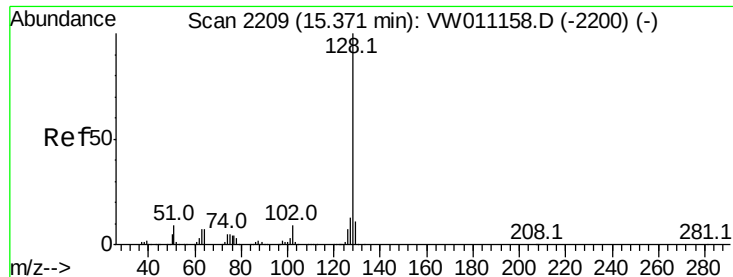
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->





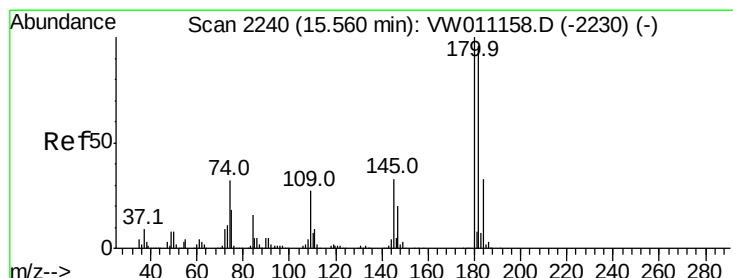
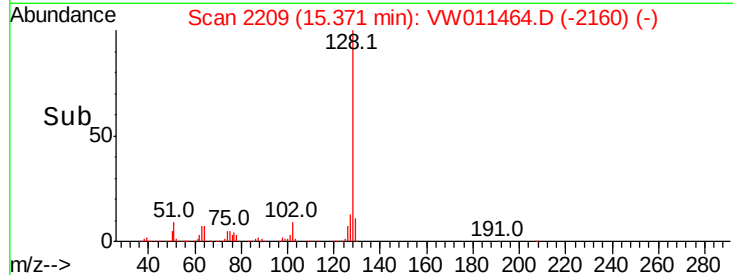
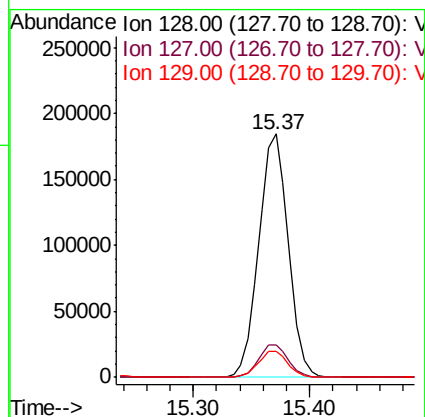
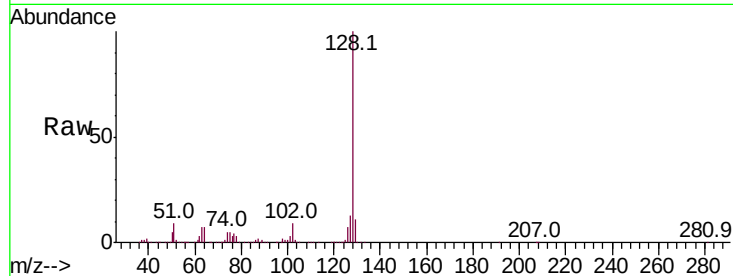
#95
Naphthalene
Concen: 50.214 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
127	13.3	10.6	16.0	
129	10.9	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
7/25/2019 8:18:01 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.244 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	47.6	142.8	
145	32.2	16.5	49.5	

