

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012318.D
 Acq On : 29 Aug 2019 22:04
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/30/2019 11:41:34 AM

Quant Time: Aug 30 08:28:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	146411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136084	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	7.88	113	110671	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	10.32	98	443991	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.62	95	158688	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	74933	55.323	ug/l	98
3) Chloromethane	2.21	50	116952	55.733	ug/l	99
4) Vinyl Chloride	2.36	62	142411	55.447	ug/l	100
5) Bromomethane	2.78	94	73700	56.659	ug/l	98
6) Chloroethane	2.92	64	82154	56.701	ug/l	99
7) Trichlorofluoromethane	3.26	101	73977	57.361	ug/l	99
8) Diethyl Ether	3.68	74	71549	58.448	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	122324	55.800	ug/l	98
10) Methyl Iodide	4.27	142	173596	58.527	ug/l	99
11) Tert butyl alcohol	5.19	59	46347	294.516	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	125096	56.696	ug/l	93
13) Acrolein	3.89	56	34208	230.929	ug/l	99
14) Allyl chloride	4.67	41	276248	58.564	ug/l	99
15) Acrylonitrile	5.37	53	179960	296.590	ug/l	99
16) Acetone	4.13	43	152950	228.817	ug/l	98
17) Carbon Disulfide	4.39	76	369255	55.375	ug/l	99
18) Methyl Acetate	4.67	43	95016	57.391	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	217217	60.876	ug/l	98
20) Methylene Chloride	4.92	84	141078	55.829	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	134087	56.671	ug/l	98
22) Diisopropyl ether	6.31	45	518453	59.296	ug/l	99
23) Vinyl Acetate	6.25	43	1621728	301.387	ug/l	100
24) 1,1-Dichloroethane	6.21	63	273139	57.374	ug/l	99
25) 2-Butanone	7.17	43	246801	271.709	ug/l	100
26) 2,2-Dichloropropane	7.17	77	146916	54.522	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	148076	58.576	ug/l	99
28) Bromochloromethane	7.51	49	106636	51.392	ug/l	99
29) Tetrahydrofuran	7.52	42	163285	299.628	ug/l	99
30) Chloroform	7.67	83	247368	56.794	ug/l	100
31) Cyclohexane	7.95	56	243218	51.638	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	194832	56.546	ug/l	99
36) 1,1-Dichloropropene	8.08	75	204183	55.024	ug/l	100
37) Ethyl Acetate	7.25	43	116686	57.383	ug/l	99
38) Carbon Tetrachloride	8.07	117	173721	54.089	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	225831	54.172	ug/l	99
40) Benzene	8.32	78	564770	55.738	ug/l	100
41) Methacrylonitrile	7.48	41	77763	65.067	ug/l	92
42) 1,2-Dichloroethane	8.40	62	179270	56.452	ug/l	100
43) Isopropyl Acetate	8.42	43	221338	58.763	ug/l	99
44) Trichloroethene	9.09	130	137231	55.713	ug/l	97
45) 1,2-Dichloropropane	9.37	63	153042	56.122	ug/l	97
46) Dibromomethane	9.46	93	68719	56.638	ug/l	98
47) Bromodichloromethane	9.64	83	183148	56.717	ug/l	99
48) Methyl methacrylate	9.43	41	105273	58.723	ug/l	97
49) 1,4-Dioxane	9.46	88	20382	1097.316	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	560439	292.535	ug/l	100
52) Toluene	10.38	92	344649	56.620	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	187353	56.959	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	227071	57.173	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	98362	57.298	ug/l	98
56) Ethyl methacrylate	10.65	69	150238	60.132	ug/l	98
57) 1,3-Dichloropropane	10.93	76	187079	57.668	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	347775	271.218	ug/l	100
59) 2-Hexanone	10.97	43	376388	277.663	ug/l	99
60) Dibromochloromethane	11.13	129	110566	57.825	ug/l	100
61) 1,2-Dibromoethane	11.23	107	92033	57.546	ug/l	99
64) Tetrachloroethene	10.86	164	114446	57.437	ug/l	99
65) Chlorobenzene	11.66	112	340860	56.325	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	120946	57.288	ug/l	98
67) Ethyl Benzene	11.73	91	667892	57.292	ug/l	99
68) m/p-Xylenes	11.84	106	482179	114.826	ug/l	99
69) o-Xylene	12.16	106	224301	57.713	ug/l	100
70) Styrene	12.18	104	393555	58.503	ug/l	100
71) Bromoform	12.35	173	62184	59.118	ug/l #	100
73) Isopropylbenzene	12.46	105	629995	57.425	ug/l	99
74) N-amyl acetate	12.27	43	201704	60.854	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	115433	57.393	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	78443m	55.011	ug/l	
77) Bromobenzene	12.74	156	137808	58.063	ug/l	98
78) n-propylbenzene	12.80	91	763185	56.983	ug/l	99
79) 2-Chlorotoluene	12.89	91	435974	57.336	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	533547	58.202	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	39224	60.311	ug/l	96
82) 4-Chlorotoluene	12.99	91	452128	56.787	ug/l	99
83) tert-Butylbenzene	13.21	119	452349	58.252	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	524731	56.982	ug/l	100
85) sec-Butylbenzene	13.38	105	633432	56.936	ug/l	100
86) p-Isopropyltoluene	13.50	119	576368	58.011	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	266278	57.359	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	263900	57.252	ug/l	99
89) n-Butylbenzene	13.82	91	566108	57.297	ug/l	99
90) Hexachloroethane	14.09	117	100602	57.713	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	235729	57.883	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19307	56.941	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	174059	61.847	ug/l	98
94) Hexachlorobutadiene	15.24	225	108611	58.446	ug/l	98
95) Naphthalene	15.36	128	328494	58.663	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	151685	61.775	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: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 219974

Ion Ratio Lower Upper

168 100

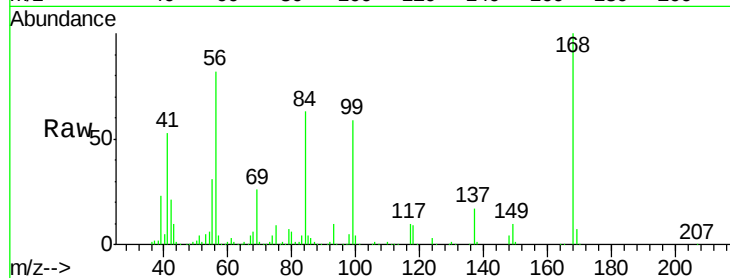
99 59.3 49.2 73.8

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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

80000

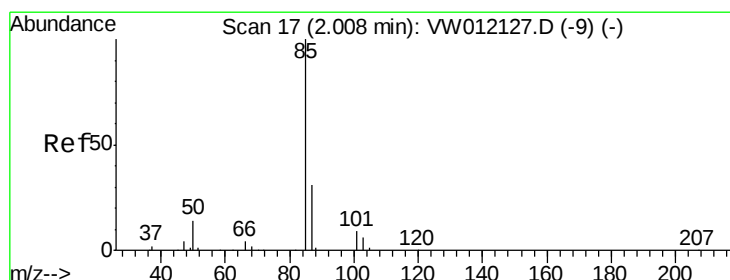
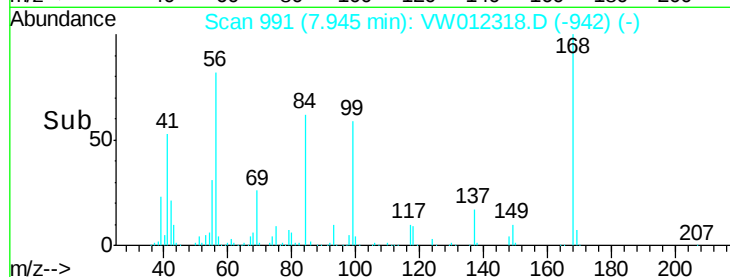
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.323 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012318.D

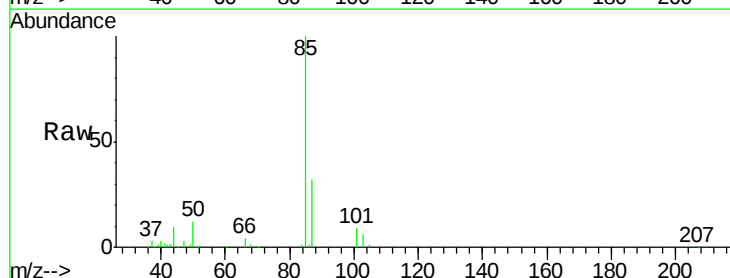
Acq: 29 Aug 2019 22:04

Tgt Ion: 85 Resp: 74933

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

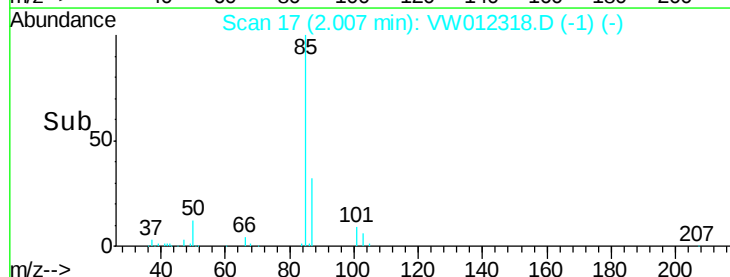
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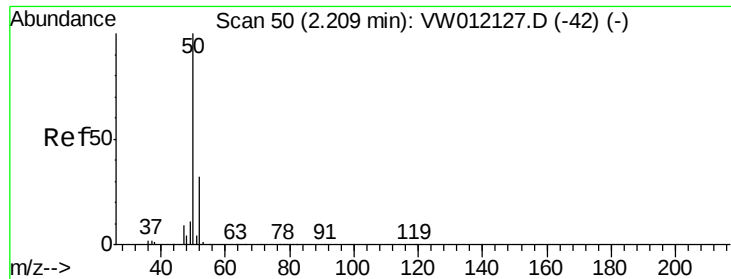
10000

5000

0

Time-->





#3

Chloromethane

Concen: 55.733 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 116952

Ion Ratio Lower Upper

50 100

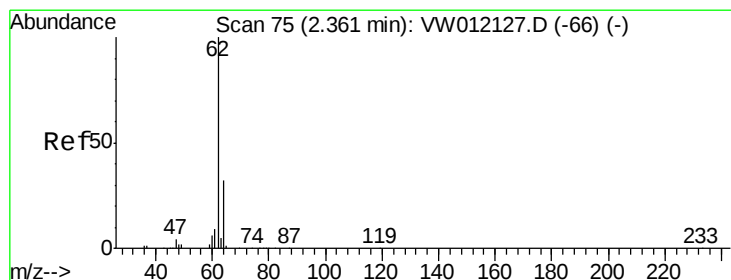
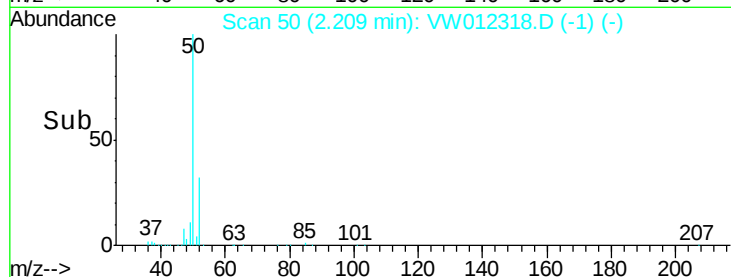
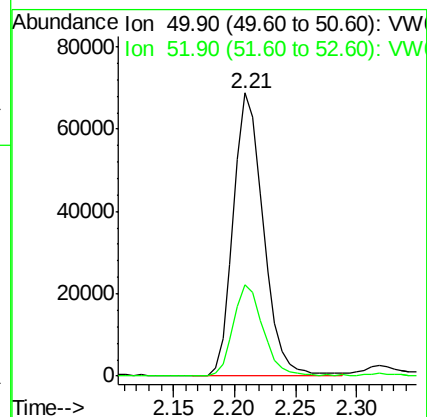
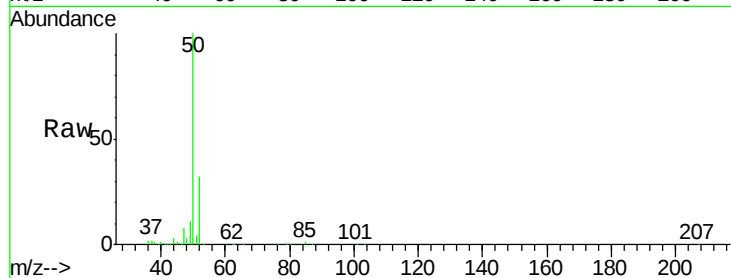
52 32.4 25.5 38.3

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#4

Vinyl Chloride

Concen: 55.447 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012318.D

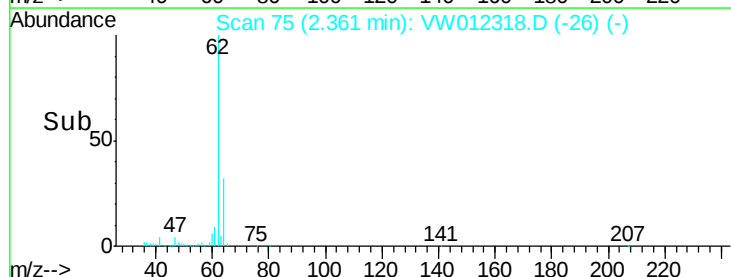
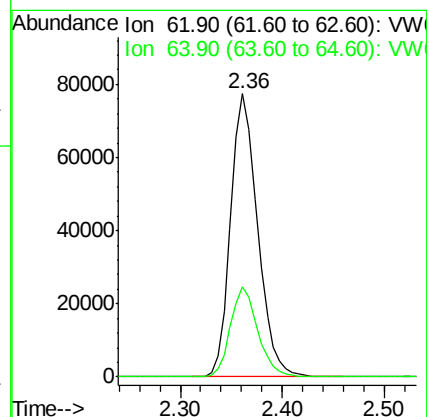
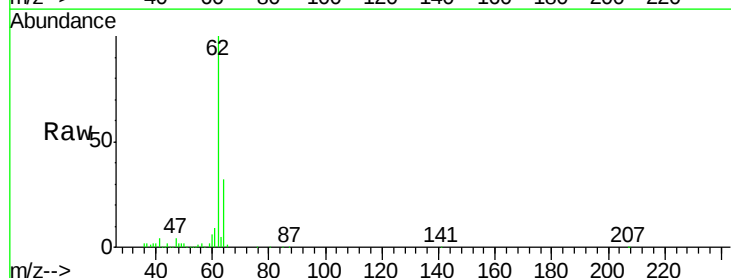
Acq: 29 Aug 2019 22:04

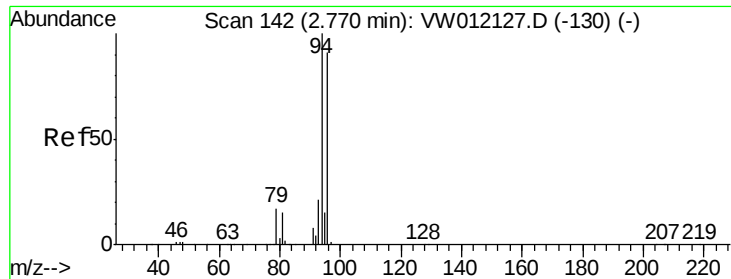
Tgt Ion: 62 Resp: 142411

Ion Ratio Lower Upper

62 100

64 31.8 25.3 37.9





#5

Bromomethane

Concen: 56.659 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 73700

Ion Ratio Lower Upper

94 100

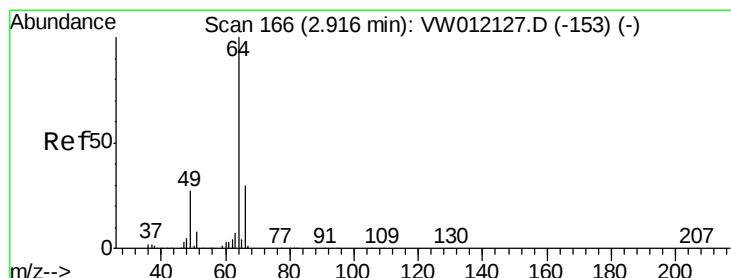
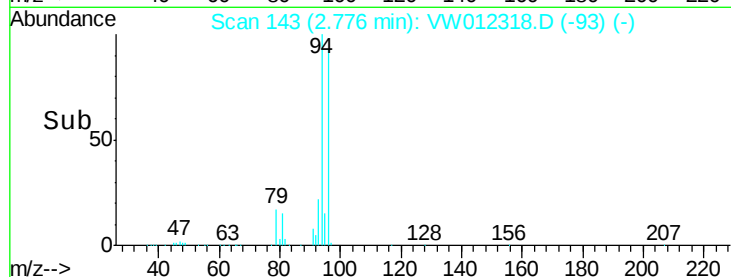
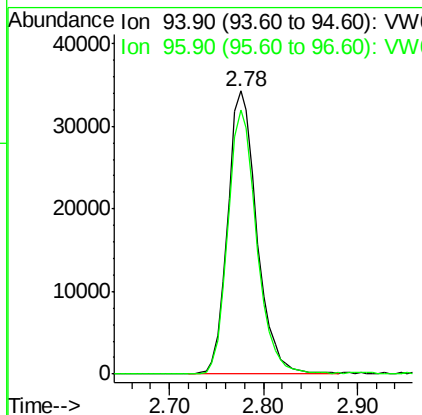
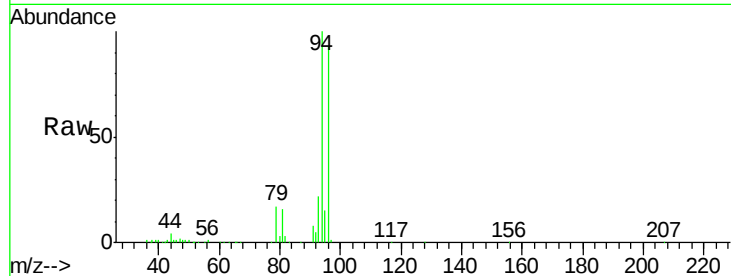
96 93.4 72.9 109.3

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#6

Chloroethane

Concen: 56.701 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW012318.D

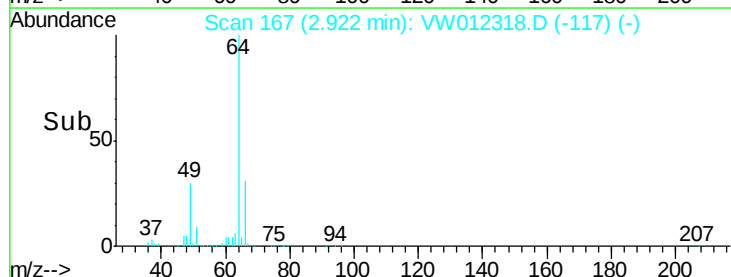
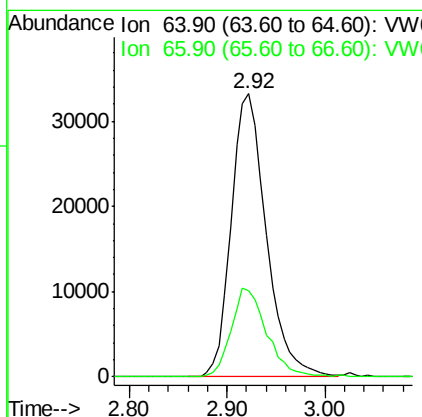
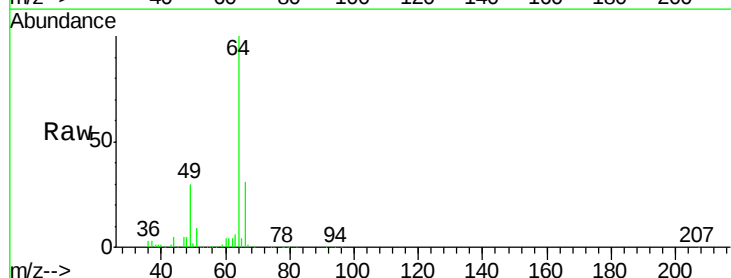
Acq: 29 Aug 2019 22:04

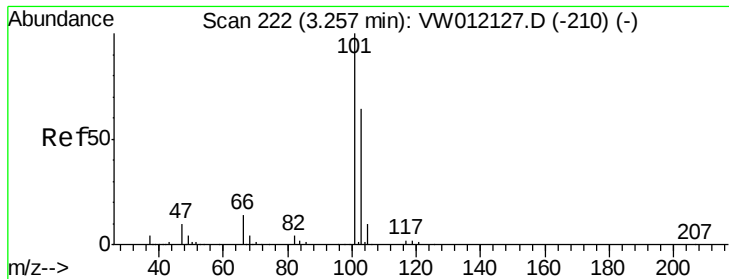
Tgt Ion: 64 Resp: 82154

Ion Ratio Lower Upper

64 100

66 30.5 23.8 35.8





#7

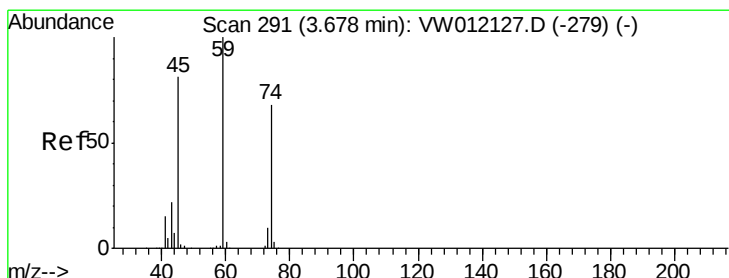
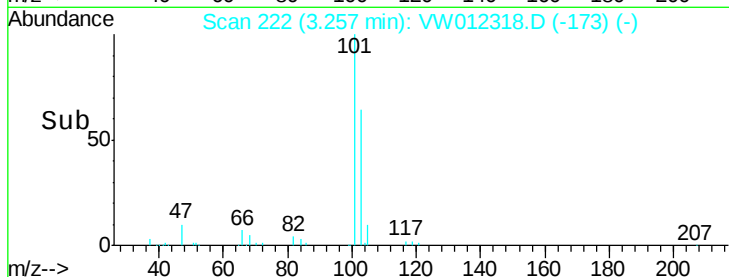
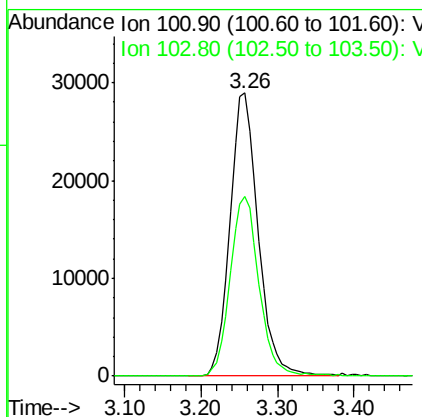
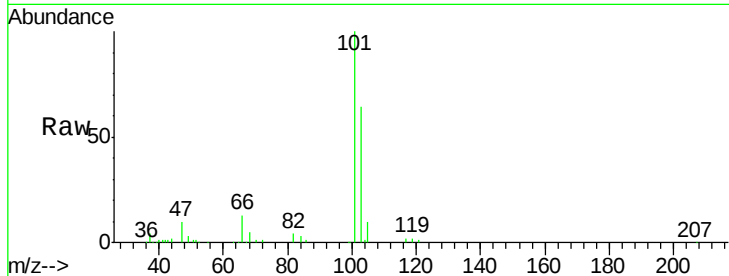
Trichlorofluoromethane
Concen: 57.361 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW012318.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.2	76.8

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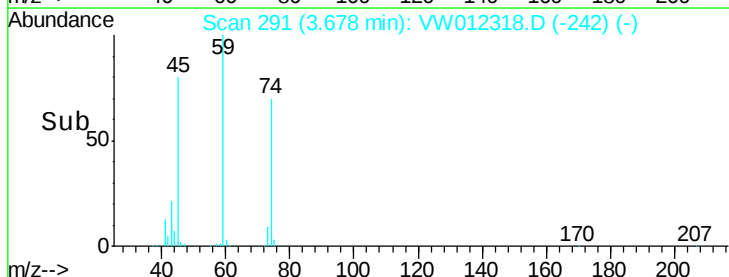
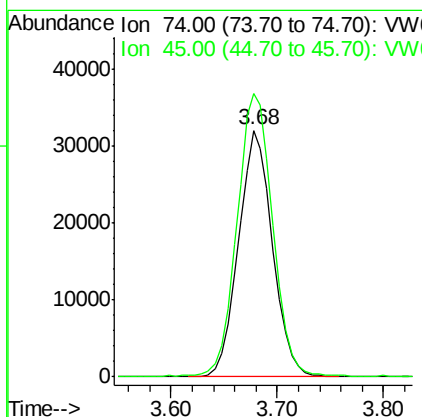
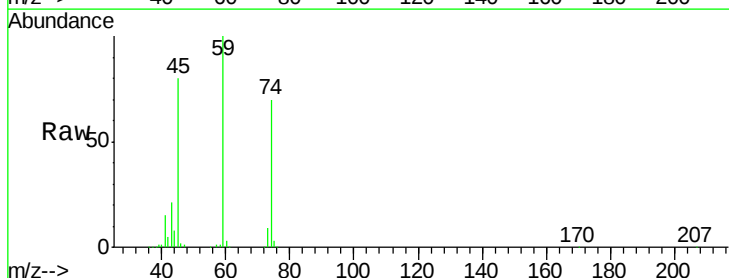
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8/30/2019 11:41:34 AM

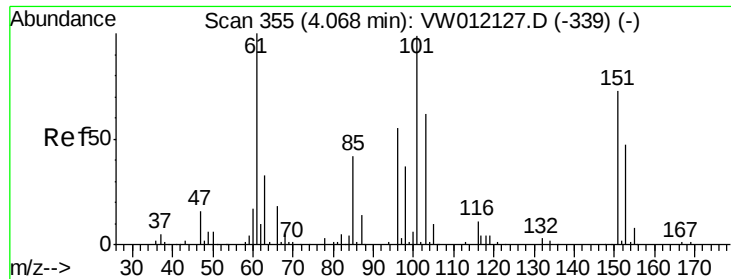


#8

Diethyl Ether
Concen: 58.448 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	121.7	59.2	177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.800 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

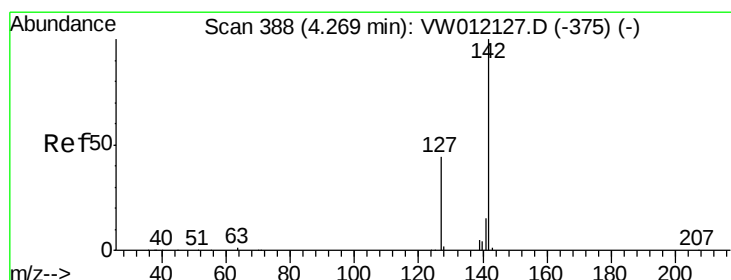
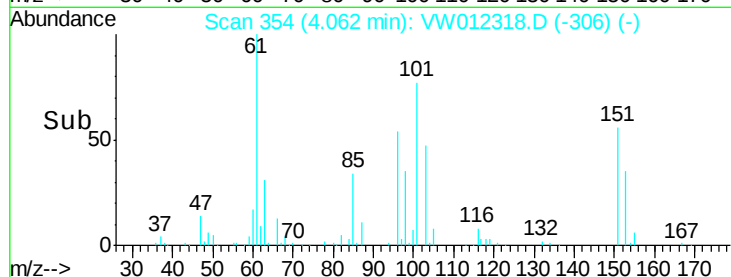
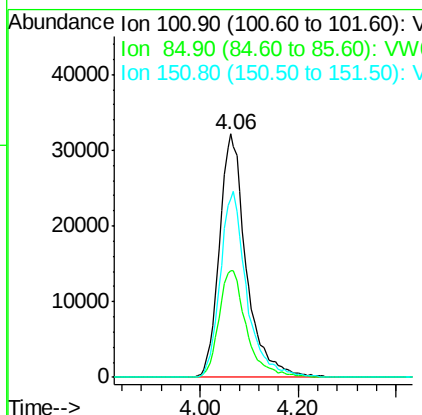
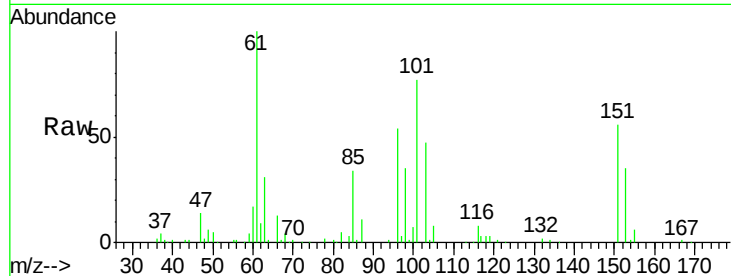
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	122324
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.8	53.6
151	75.3	58.6	87.8

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#10

Methyl Iodide

Concen: 58.527 ug/l

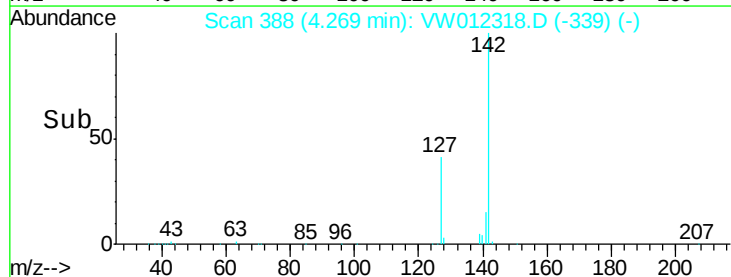
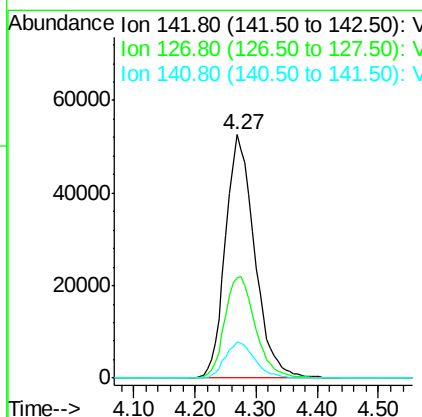
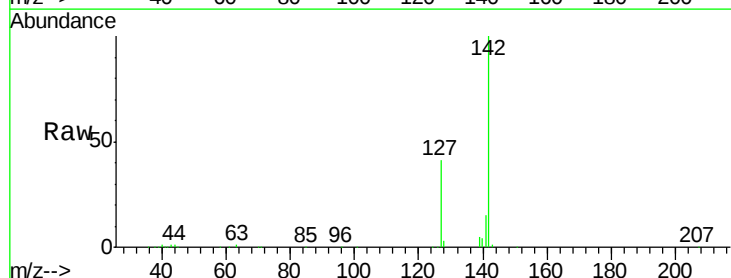
RT: 4.27 min Scan# 388

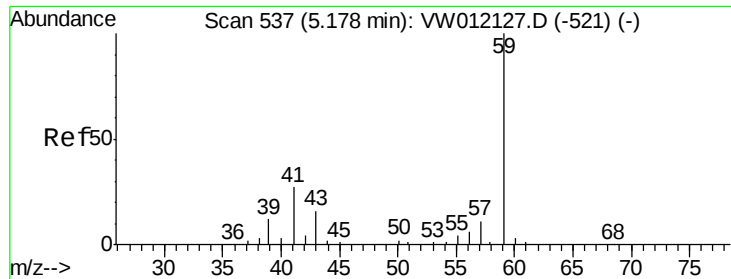
Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Tgt Ion:	142	Resp:	173596
Ion Ratio	Lower	Upper	
142	100		
127	43.8	35.5	53.3
141	15.0	11.8	17.8





#11

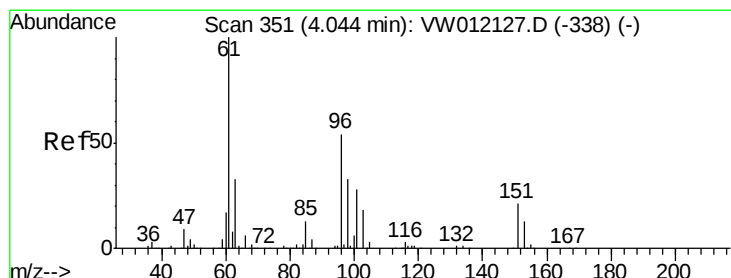
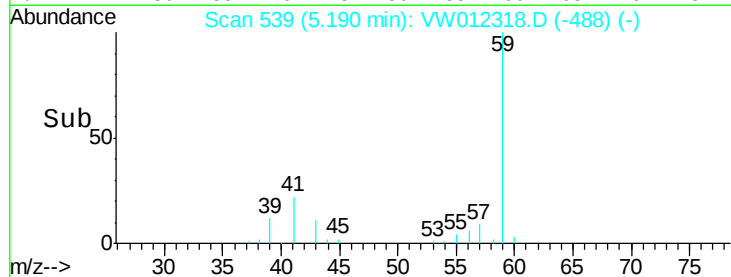
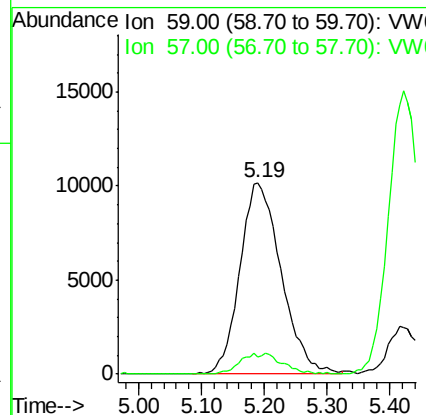
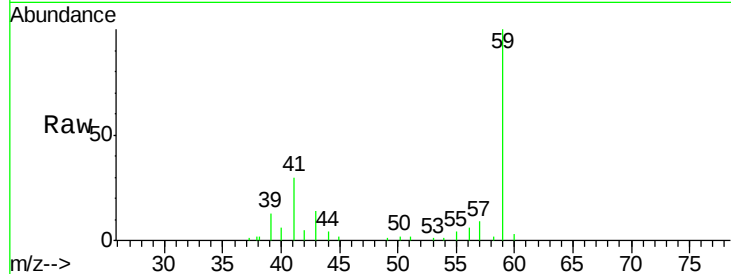
Tert butyl alcohol
 Concen: 294.516 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		46347		
57	5.0		9.0	13.4	

Manual Integrations
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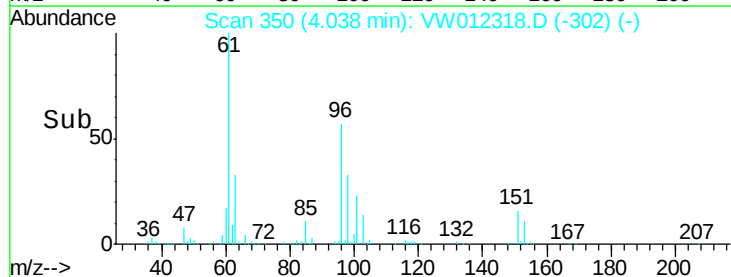
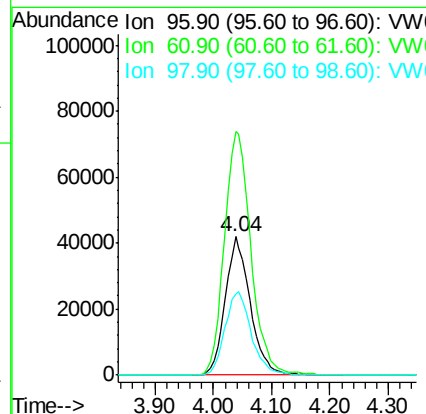
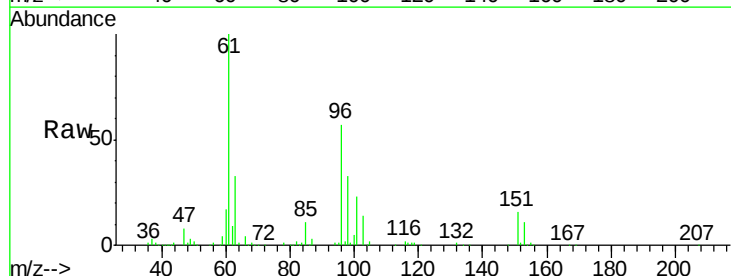
MMDadoda
 8/30/2019 11:41:34 AM

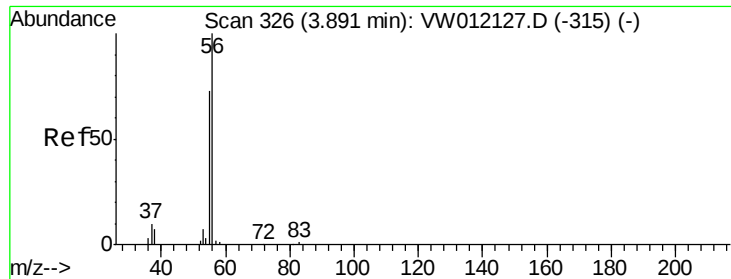


#12

1,1-Dichloroethene
 Concen: 56.696 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		125096		
61	176.0		149.1	223.7	
98	58.2		49.4	74.2	





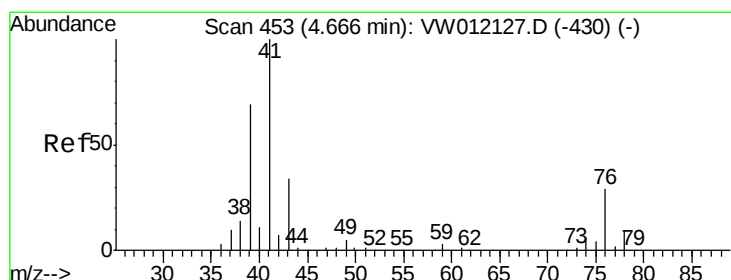
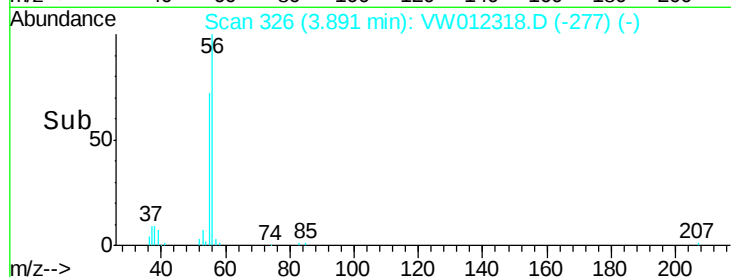
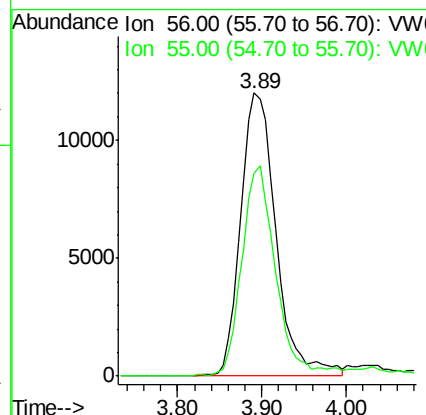
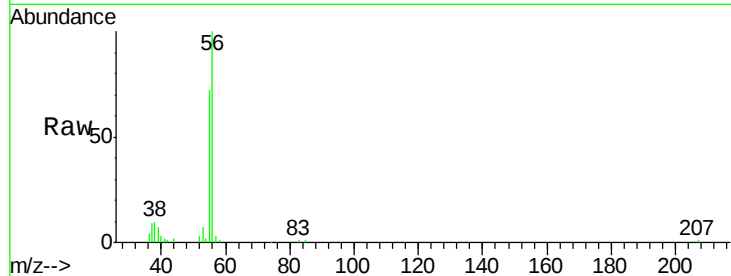
#13
Acrolein
Concen: 230.929 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	34208
Ion Ratio	100	Lower	Upper
55	69.3	55.8	83.8

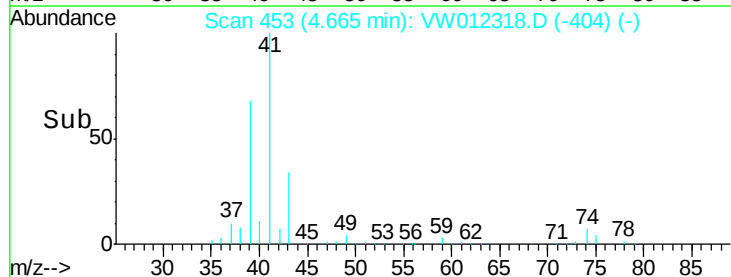
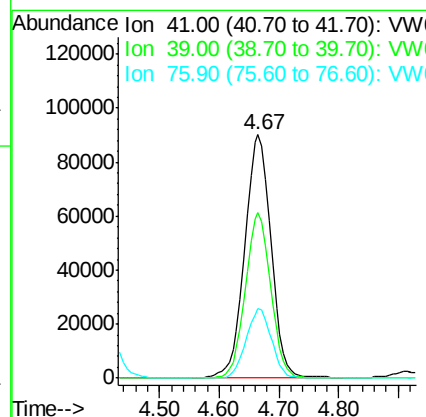
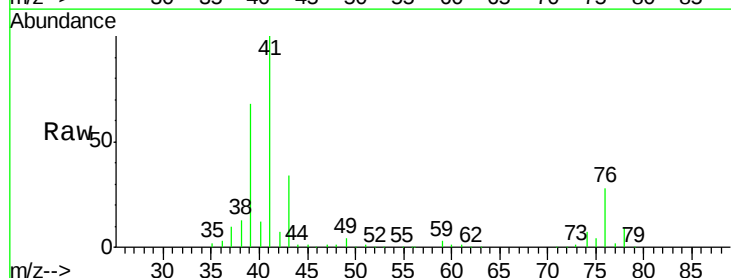
Manual Integrations
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#14
Allyl chloride
Concen: 58.564 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion	41	Resp	276248
Ion Ratio	100	Lower	Upper
39	65.8	53.4	80.2
76	27.6	22.1	33.1





#15

Acrylonitrile

Concen: 296.590 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

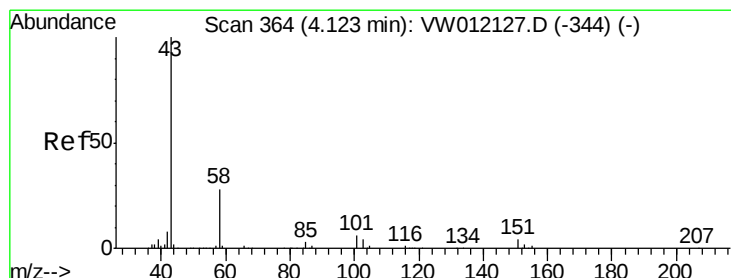
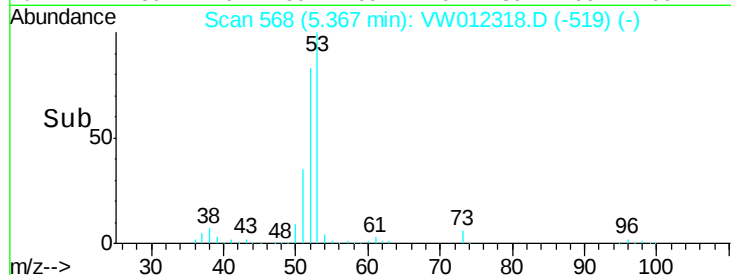
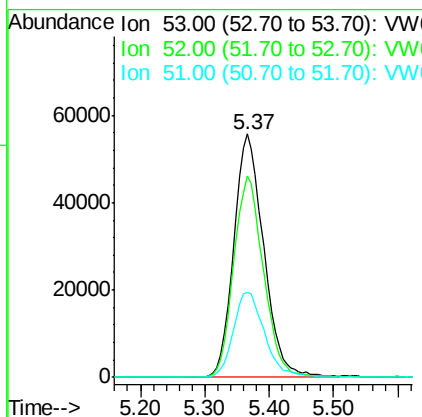
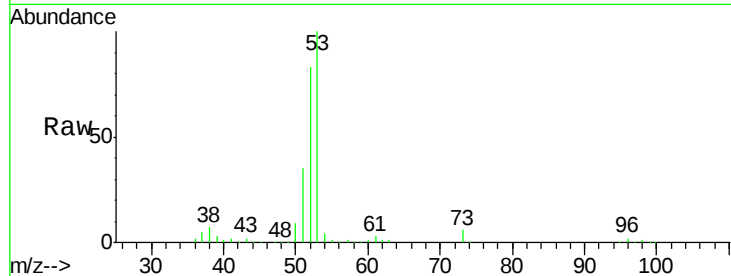
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	179960
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.7	100.1
51	36.6	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 228.817 ug/l

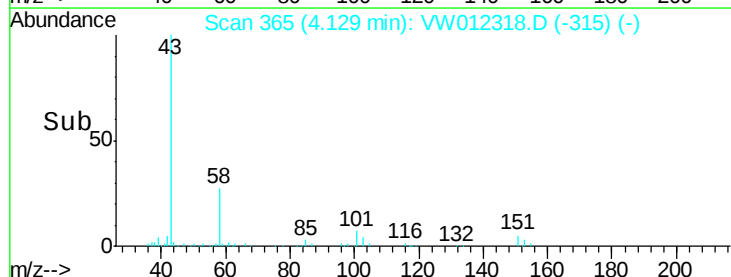
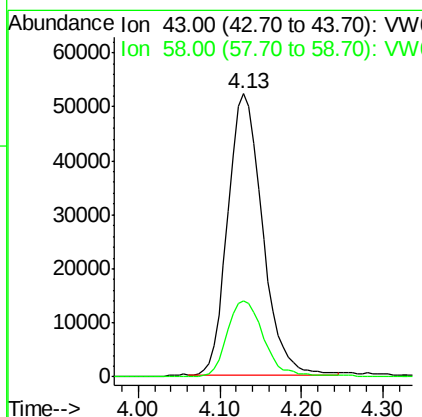
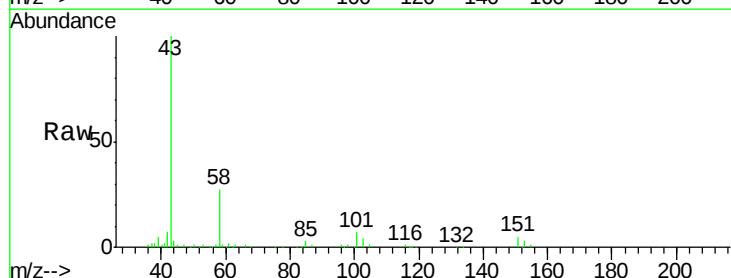
RT: 4.13 min Scan# 365

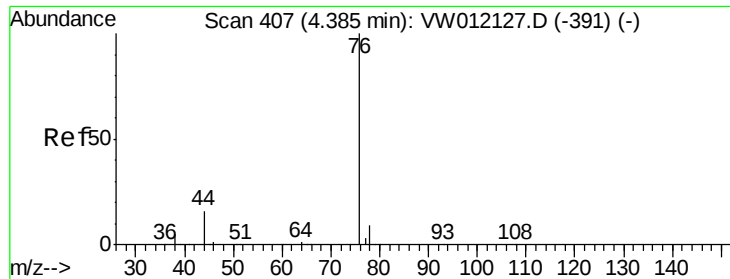
Delta R.T. 0.01 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Tgt Ion:	43	Resp:	152950
Ion	Ratio	Lower	Upper
43	100		
58	26.9	22.4	33.6





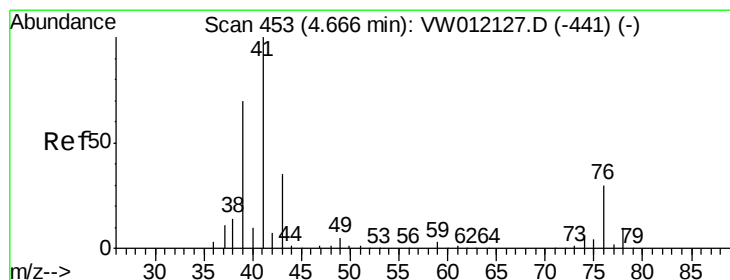
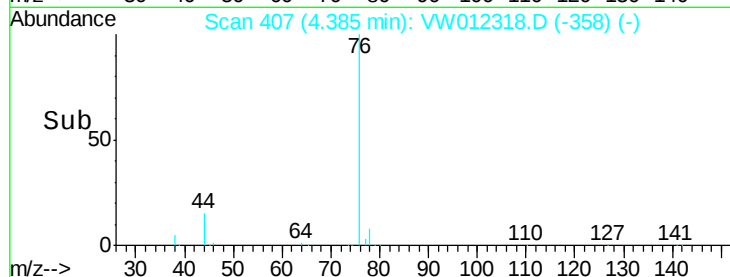
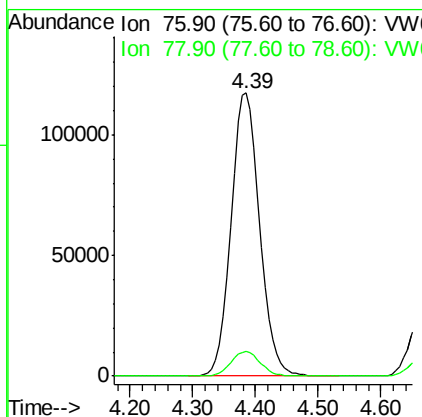
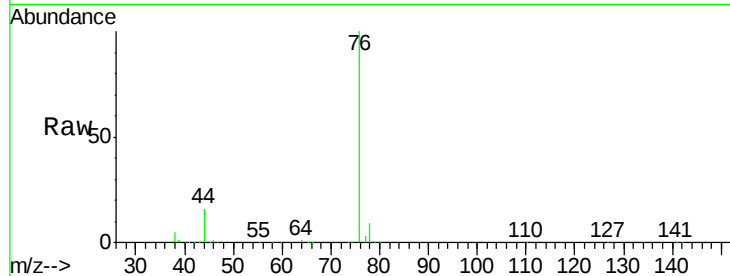
#17
Carbon Disulfide
Concen: 55.375 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
76	100	369255		
78	8.9		7.3	10.9

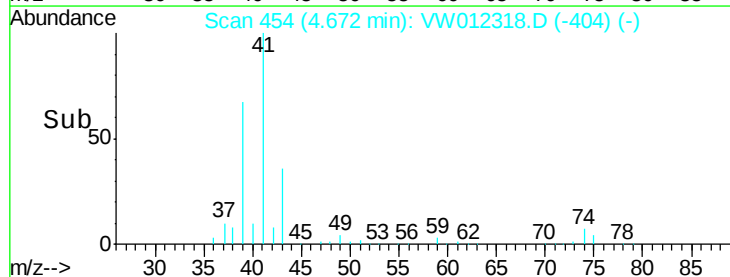
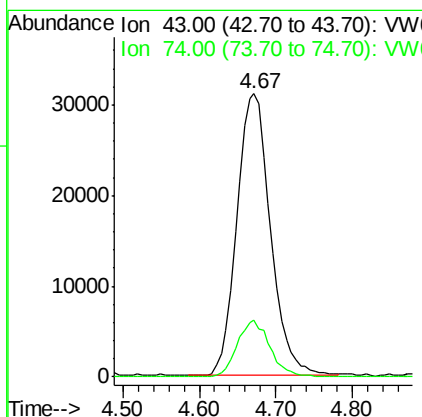
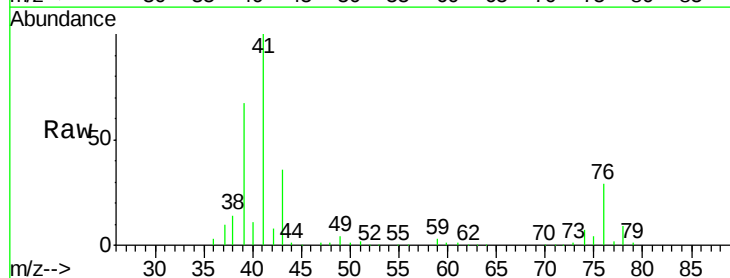
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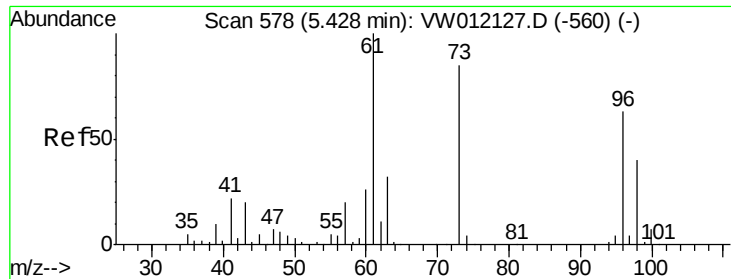
MMDadoda
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#18
Methyl Acetate
Concen: 57.391 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	95016		
74	19.7		15.7	23.5





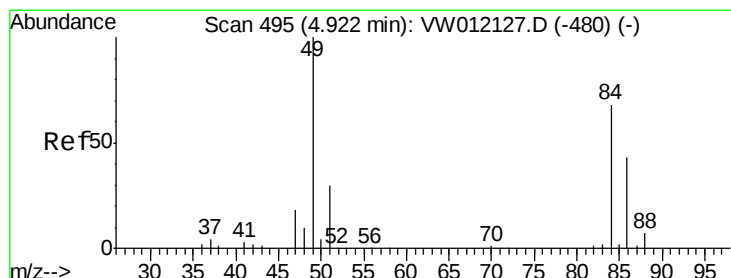
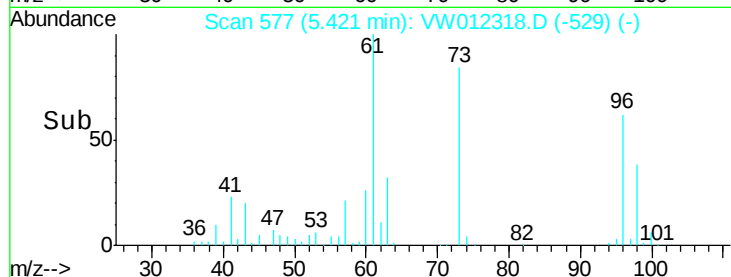
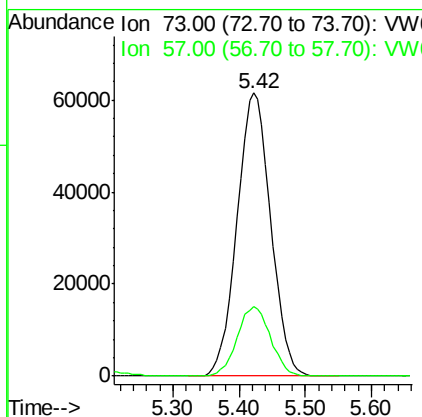
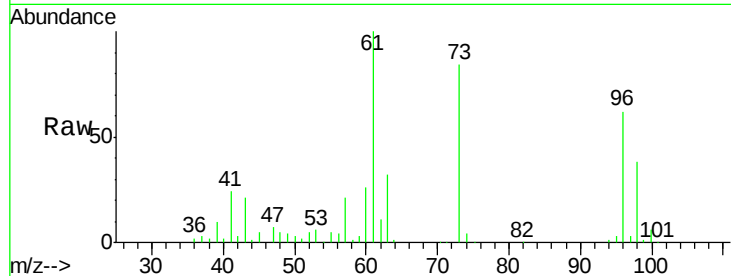
#19
Methvl tert-butvl Ether
Concen: 60.876 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 217217
Ion Ratio Lower Upper
73 100
57 24.5 18.9 28.3

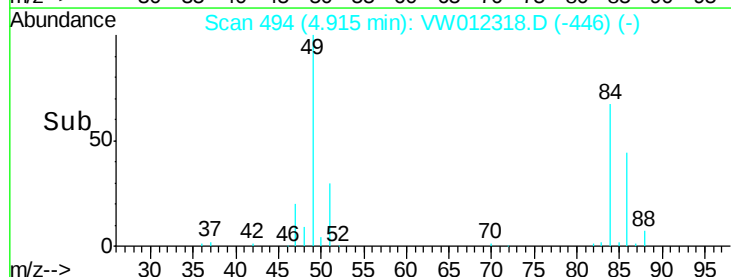
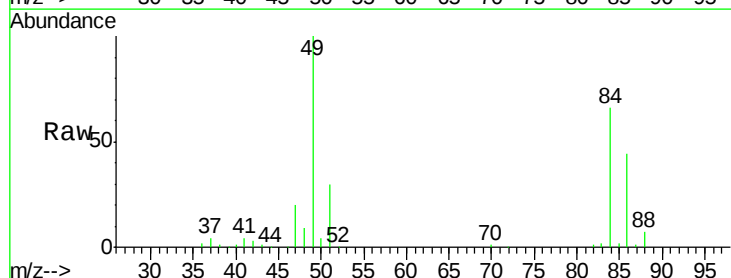
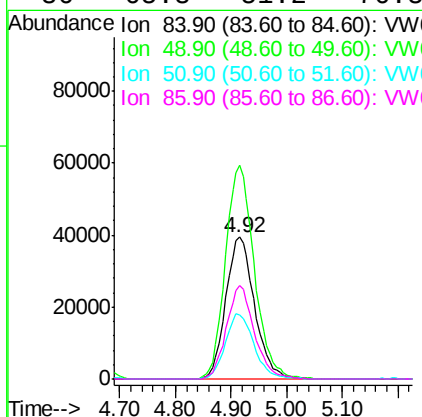
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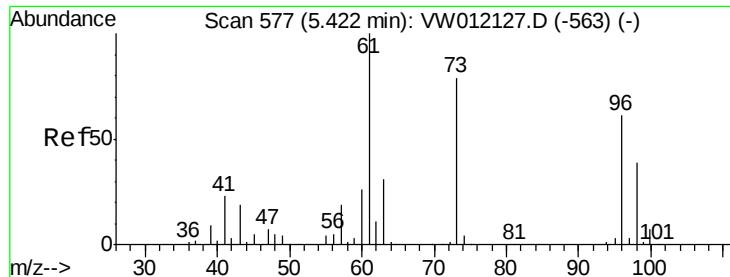
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#20
Methylene Chloride
Concen: 55.829 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion: 84 Resp: 141078
Ion Ratio Lower Upper
84 100
49 150.9 117.8 176.8
51 44.8 35.6 53.4
86 65.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 56.671 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

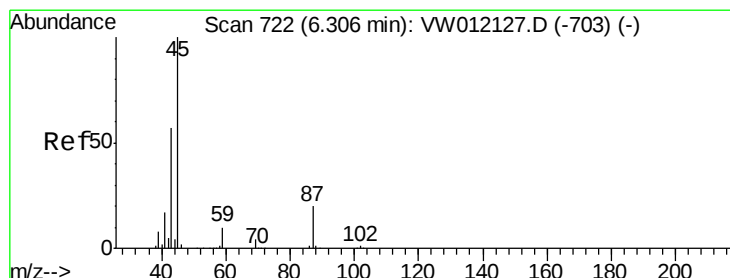
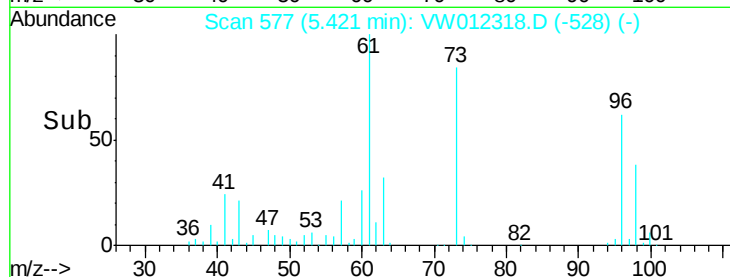
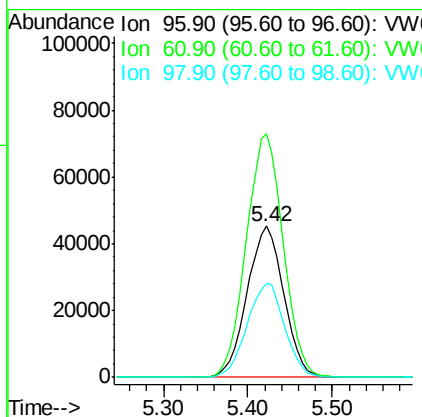
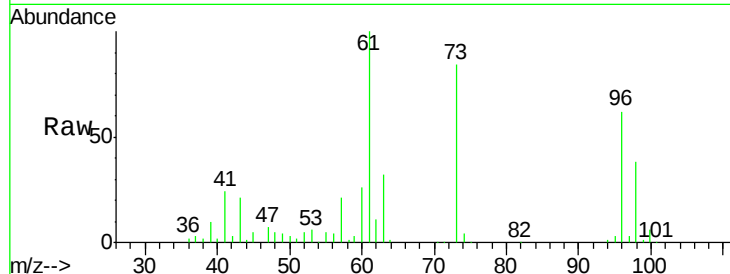
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	134087
Ion	Ratio	Lower	Upper
96	100		
61	161.3	131.4	197.0
98	62.0	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 59.296 ug/l

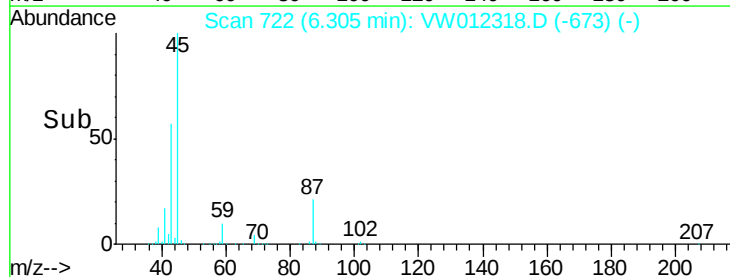
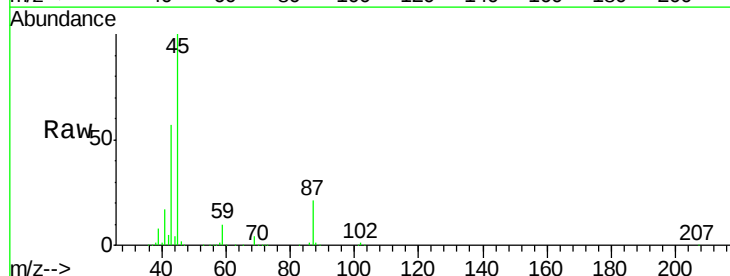
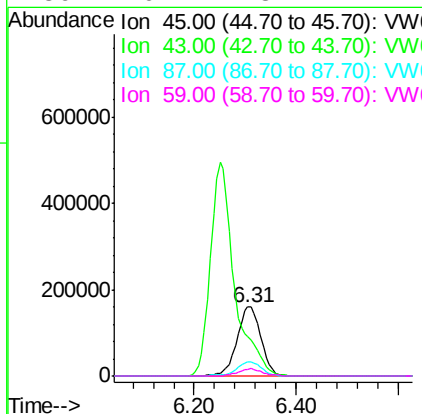
RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Tgt Ion:	45	Resp:	518453
Ion	Ratio	Lower	Upper
45	100		
43	56.8	45.5	68.3
87	21.0	16.1	24.1
59	10.2	8.2	12.2





#23

Vinyl Acetate

Concen: 301.387 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Tot Ion: 43 Resp: 1621728

Ion Ratio Lower Upper

43 100

86 8.1 6.5 9.7

Instrument :

MSVOA_W

ClientSampled :

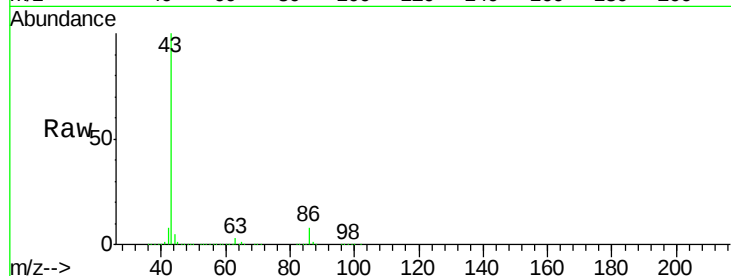
VSTDCCC050

Manual Integrations

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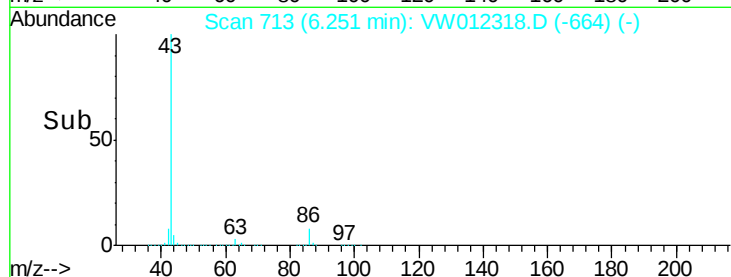
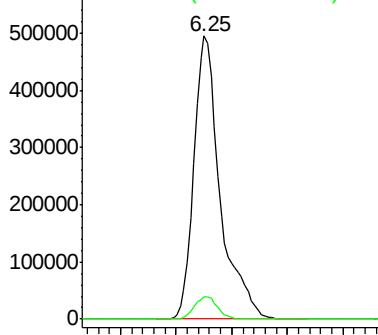
MMDadoda

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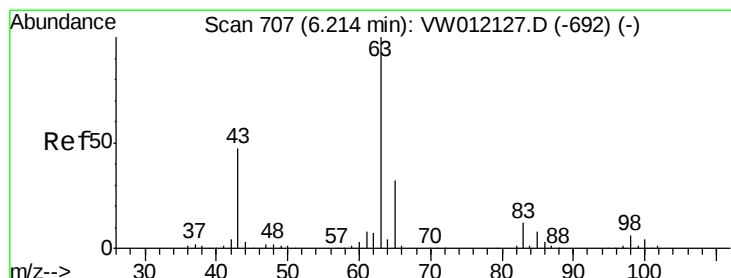


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 57.374 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

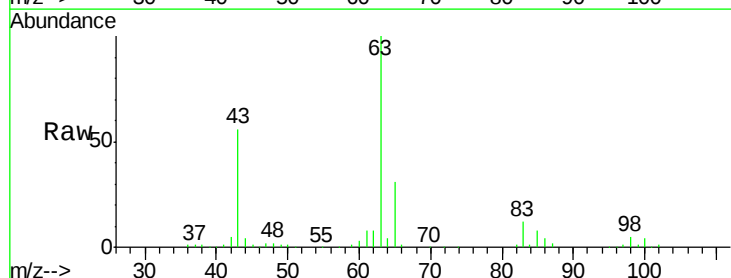
Tgt Ion: 63 Resp: 273139

Ion Ratio Lower Upper

63 100

98 5.4 3.0 9.2

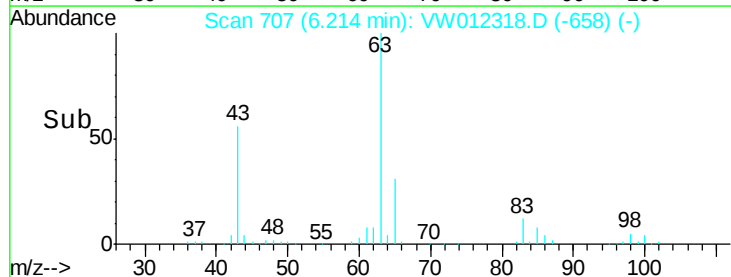
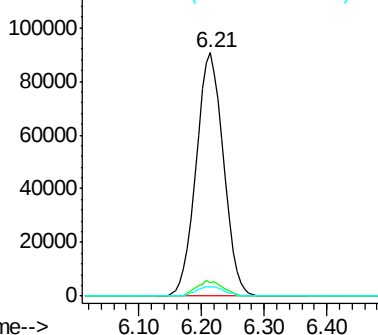
100 4.1 2.0 6.0



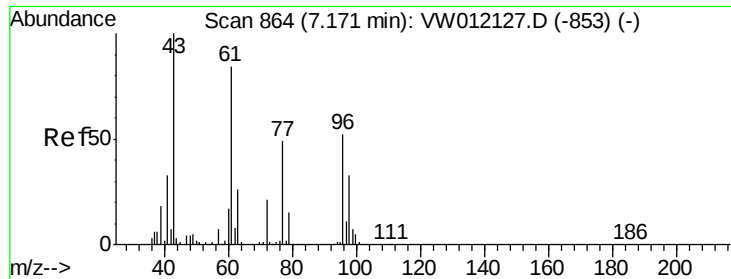
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->



#25

2-Butanone

Concen: 271.709 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 246801

Ion Ratio Lower Upper

43 100

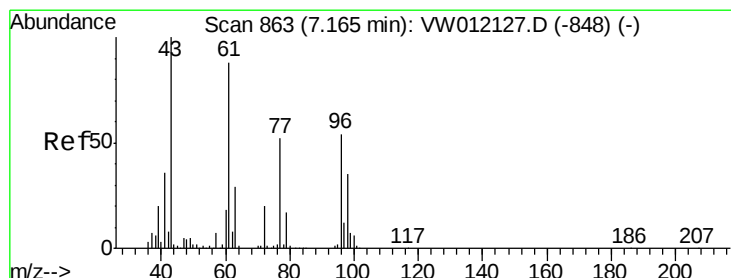
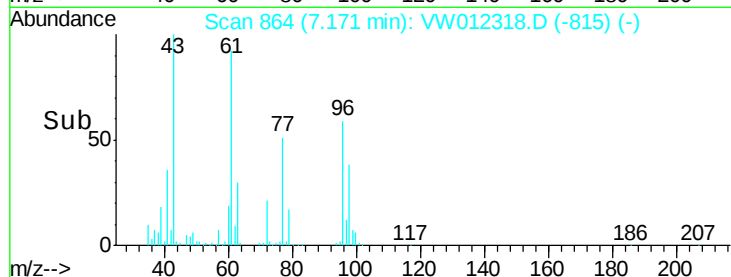
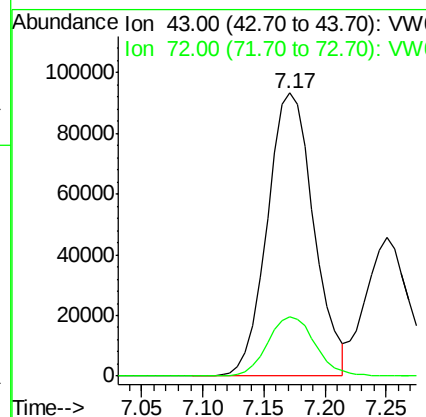
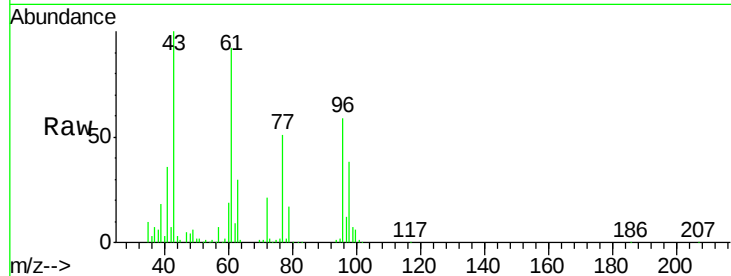
72 20.9 16.6 24.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 54.522 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012318.D

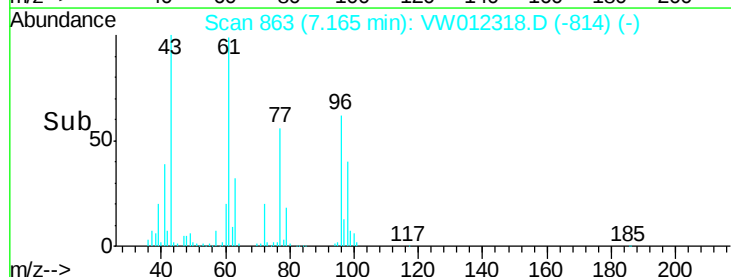
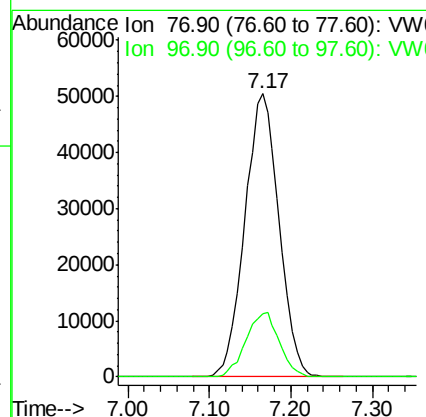
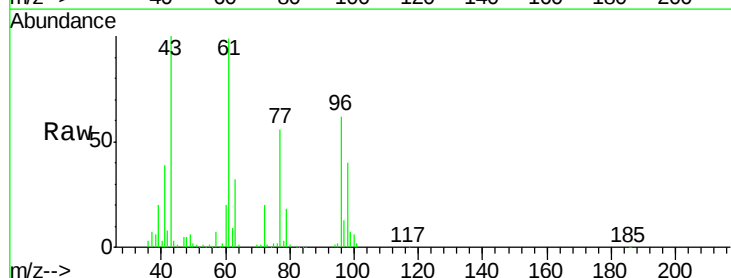
Acq: 29 Aug 2019 22:04

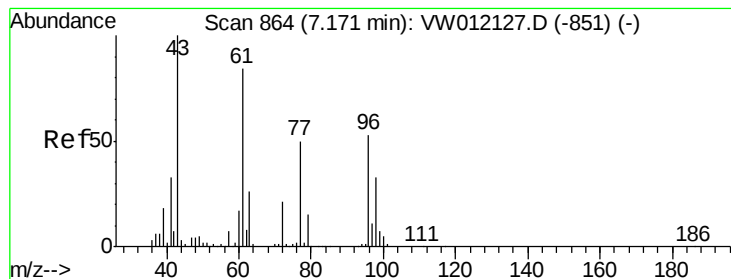
Tgt Ion: 77 Resp: 146916

Ion Ratio Lower Upper

77 100

97 22.3 11.1 33.1





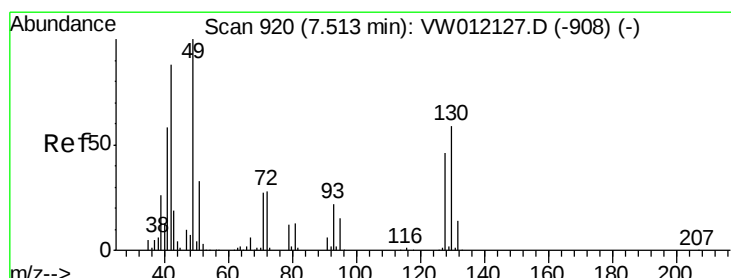
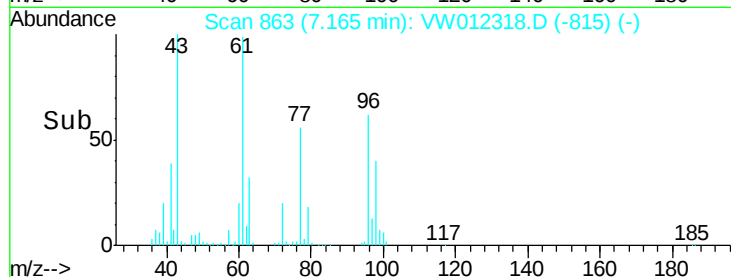
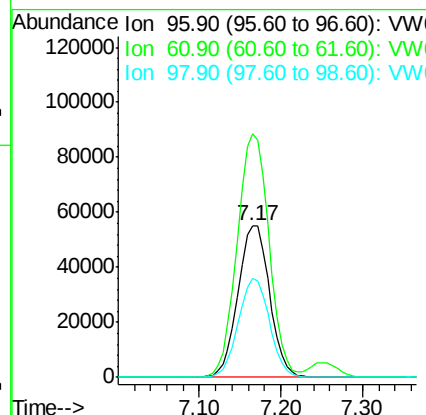
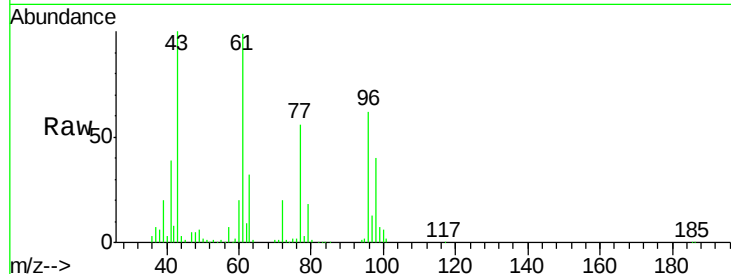
#27
 cis-1,2-Dichloroethene
 Concen: 58.576 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	161.8	0.0	326.6	
98	64.3	0.0	127.4	

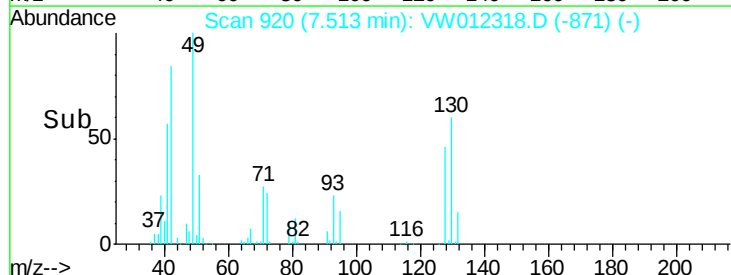
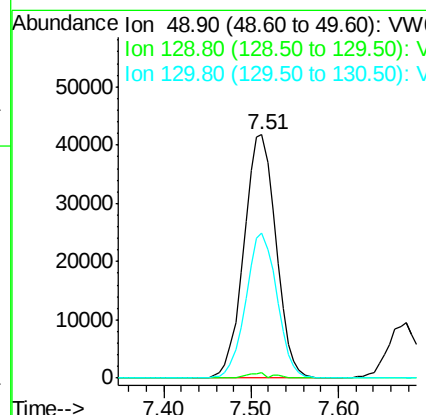
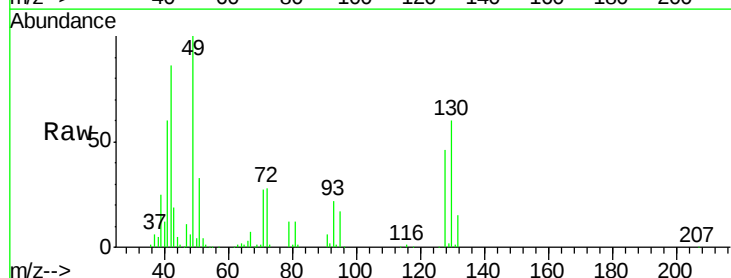
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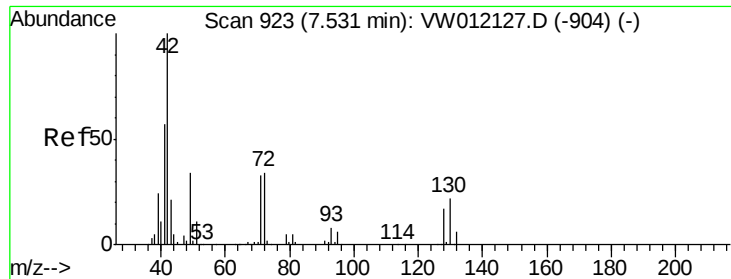
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 8/30/2019 11:41:34 AM



#28
 Bromochloromethane
 Concen: 51.392 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.2	0.0	1.4	
130	57.8	45.5	68.3	





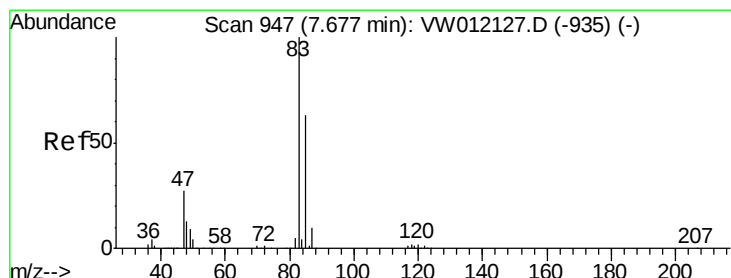
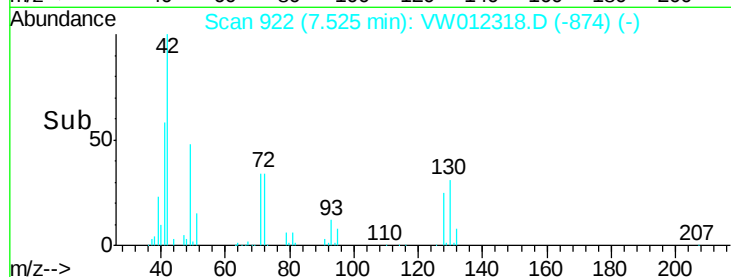
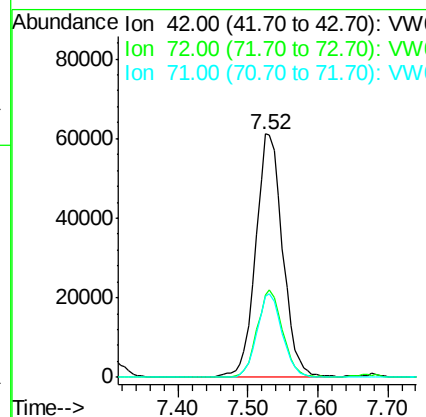
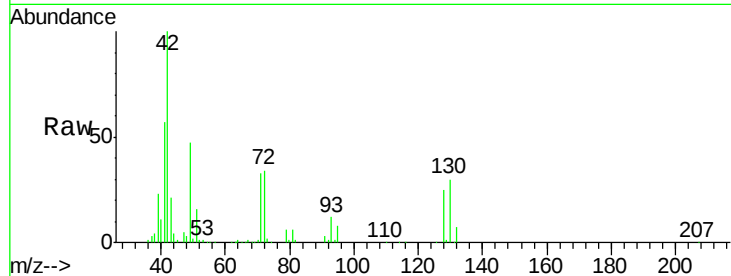
#29
Tetrahydrofuran
Concen: 299.628 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.0	27.3	40.9
71	32.5	25.5	38.3

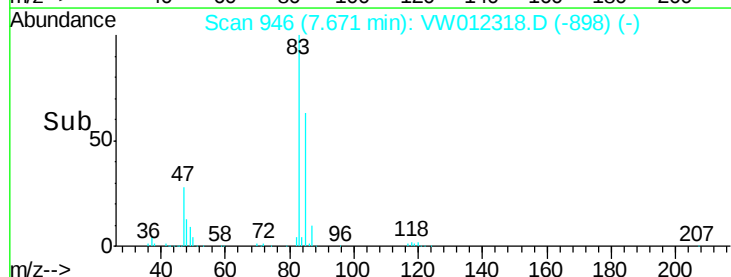
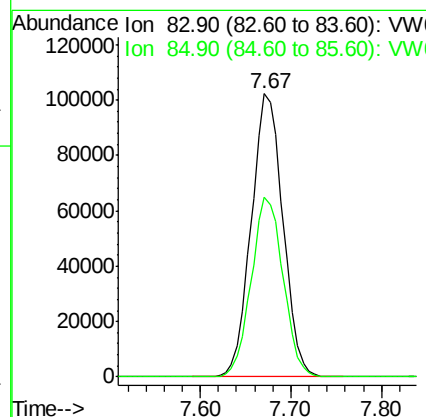
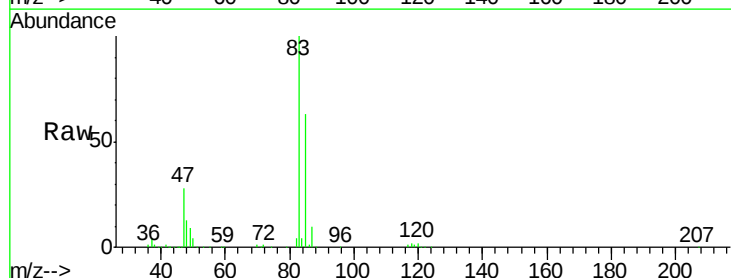
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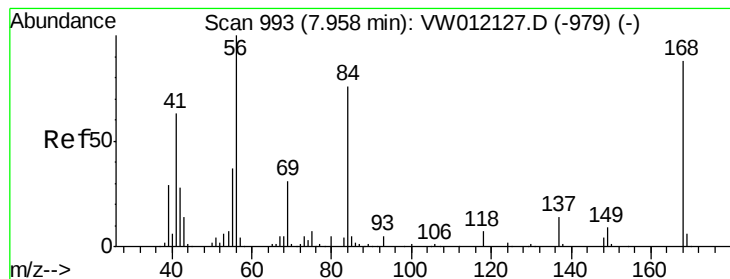
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#30
Chloroform
Concen: 56.794 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	76.0





#31

Cyclohexane

Concen: 51.638 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

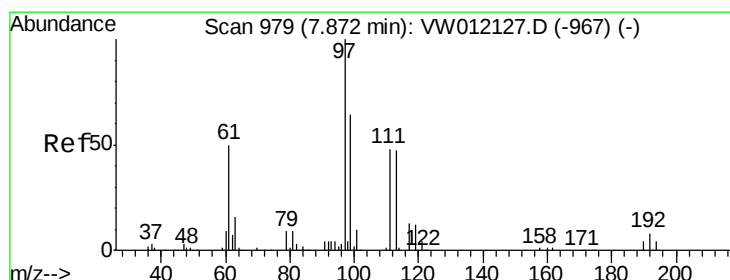
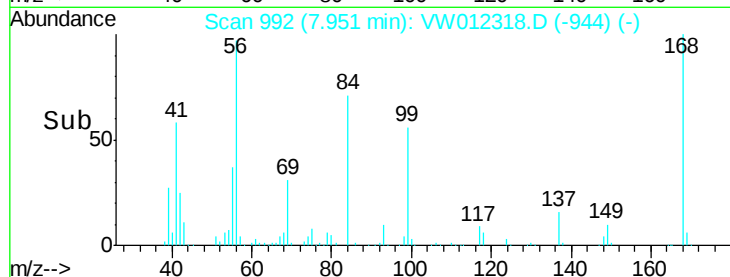
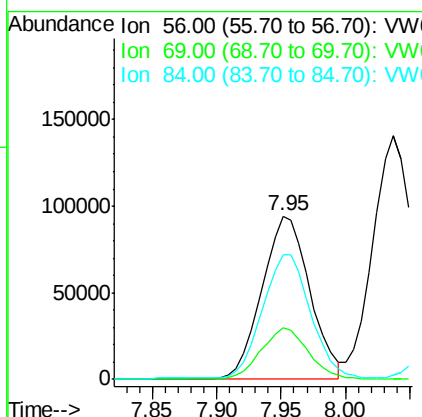
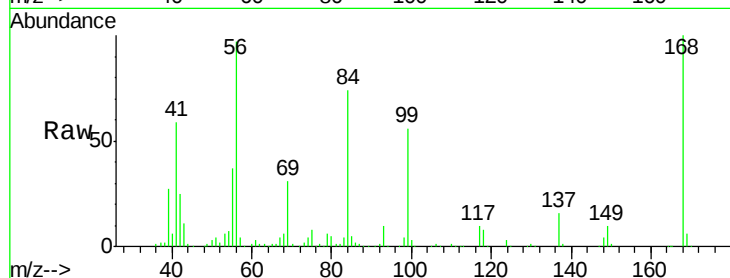
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	243218
Ion Ratio	Lower	Upper	
56	100		
69	31.8	24.9	37.3
84	75.4	60.6	90.8

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#32

1,1,1-Trichloroethane

Concen: 56.546 ug/l

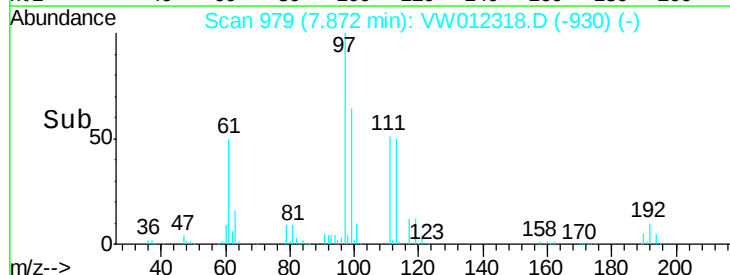
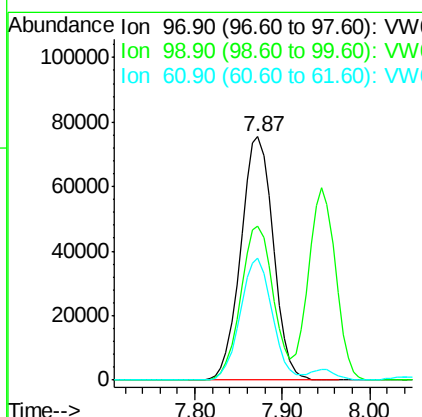
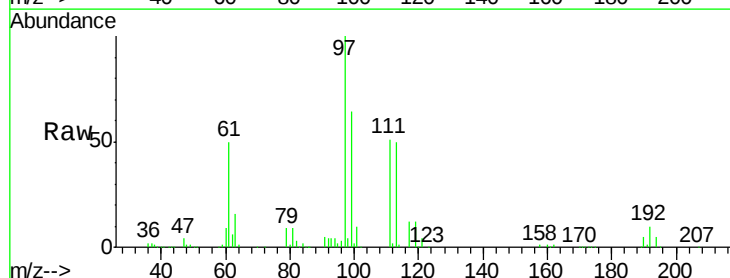
RT: 7.87 min Scan# 979

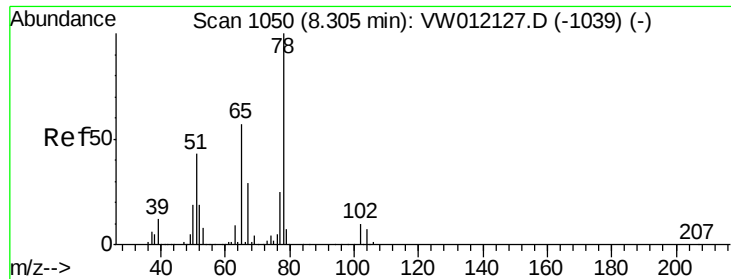
Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Tgt Ion:	97	Resp:	194832
Ion Ratio	Lower	Upper	
97	100		
99	63.5	51.4	77.0
61	49.2	39.5	59.3





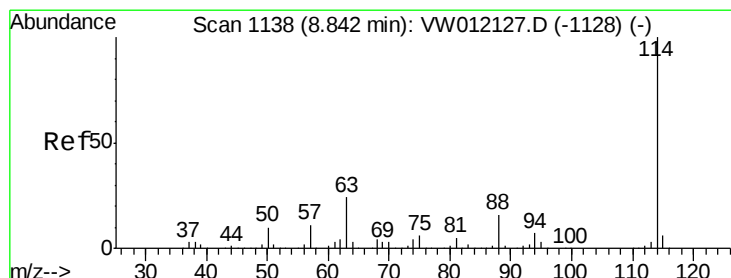
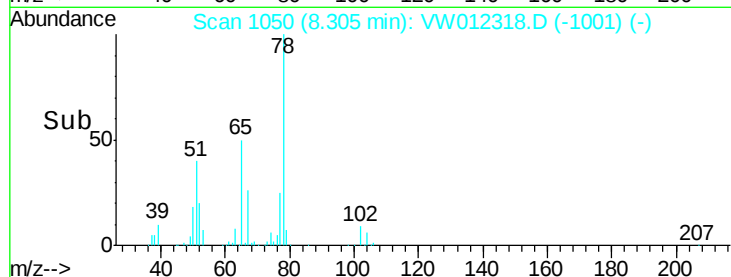
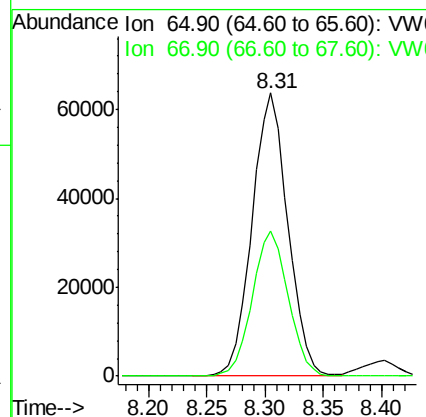
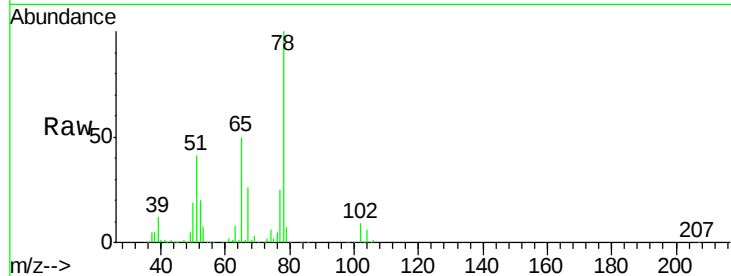
#33
 1,2-Dichloroethane-d4
 Concen: 52.041 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	136084		
67	51.4	0.0	102.6	

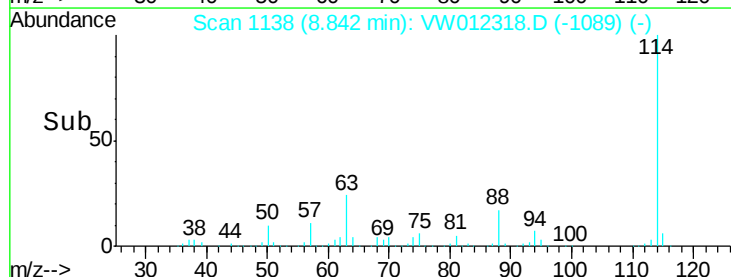
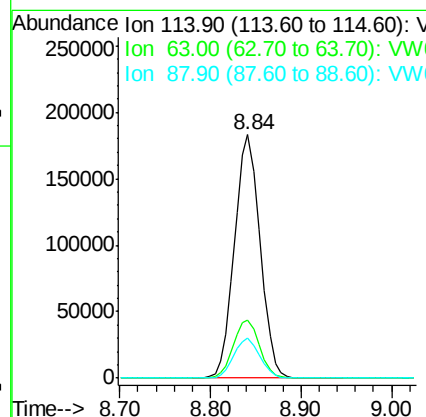
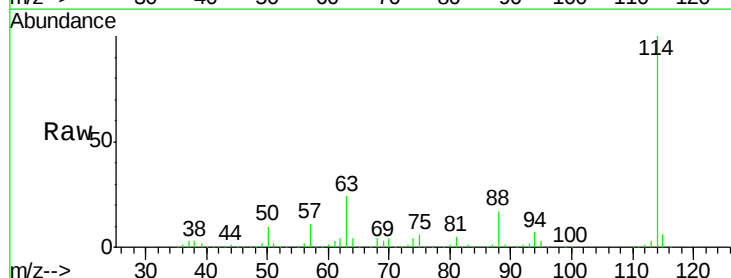
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	359090		
63	23.8	0.0	48.6	
88	16.5	0.0	32.2	





#35

Dibromofluoromethane

Concen: 51.633 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

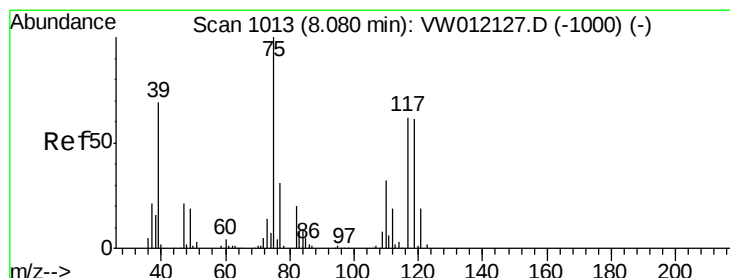
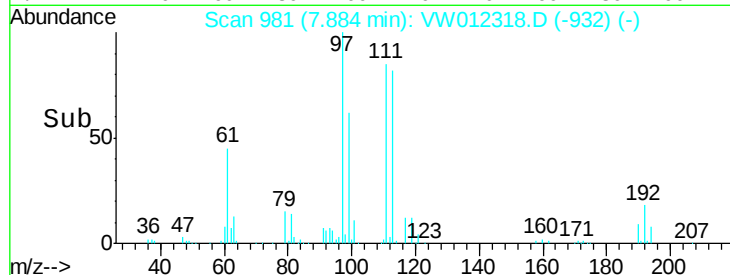
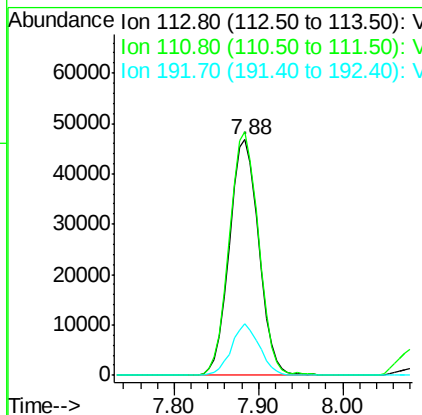
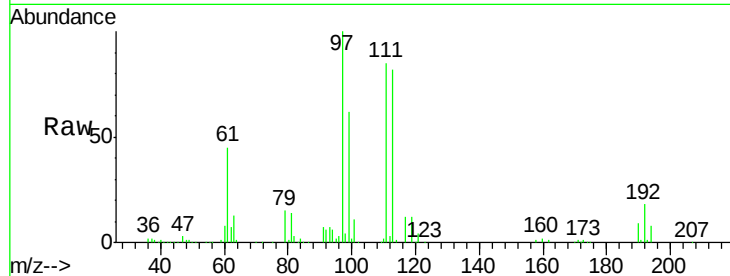
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	110671
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	20.7	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 55.024 ug/l

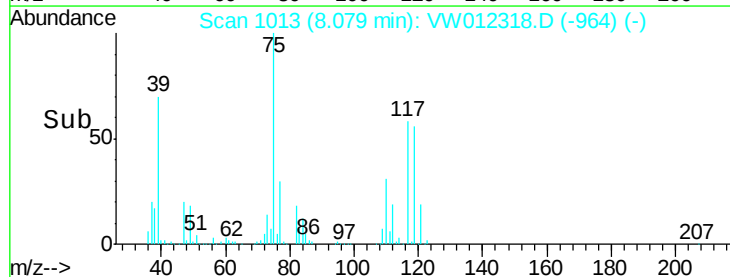
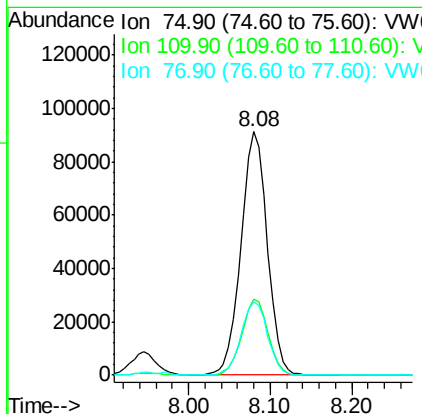
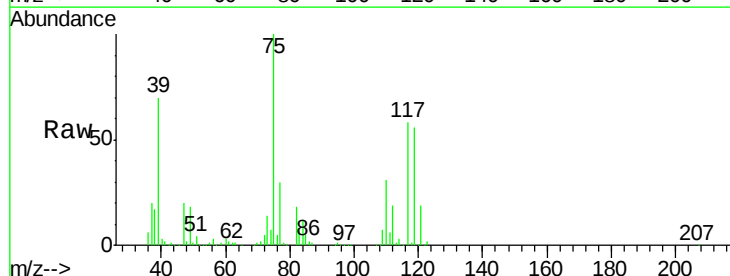
RT: 8.08 min Scan# 1013

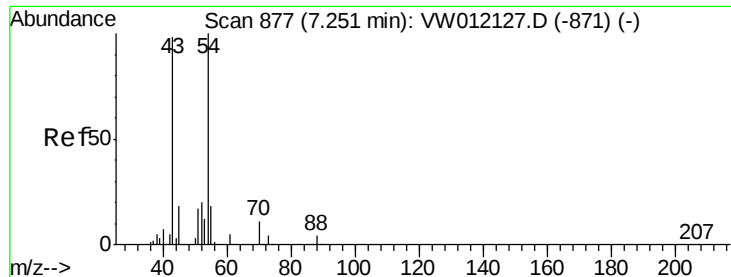
Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Tgt Ion:	75	Resp:	204183
Ion	Ratio	Lower	Upper
75	100		
110	31.1	15.6	46.8
77	30.6	24.6	36.8





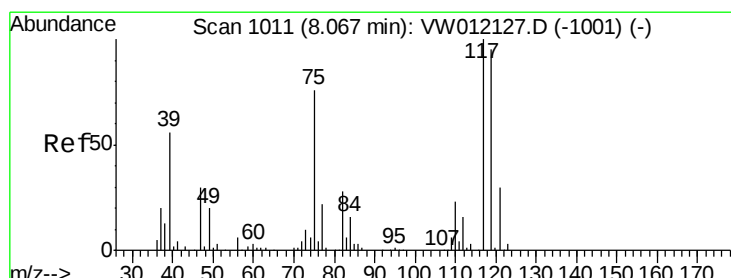
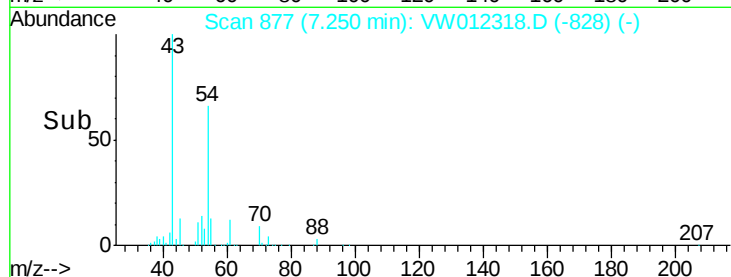
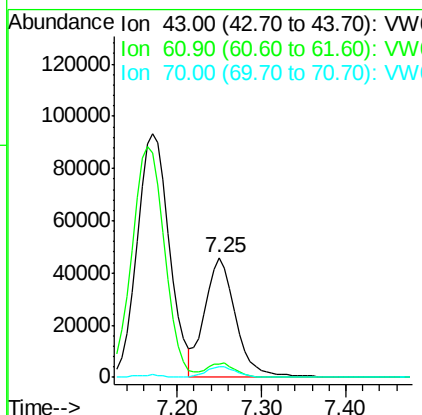
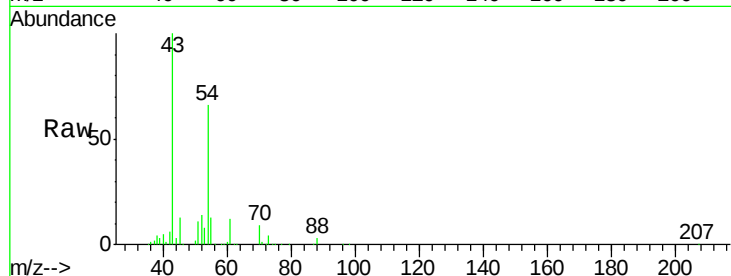
#37
Ethyl Acetate
Concen: 57.383 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	10.8	9.2	13.8
70	8.7	6.9	10.3

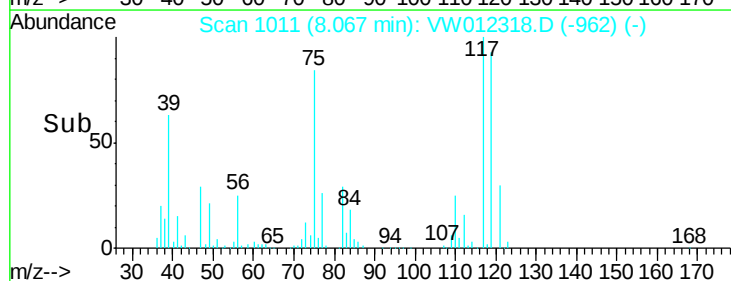
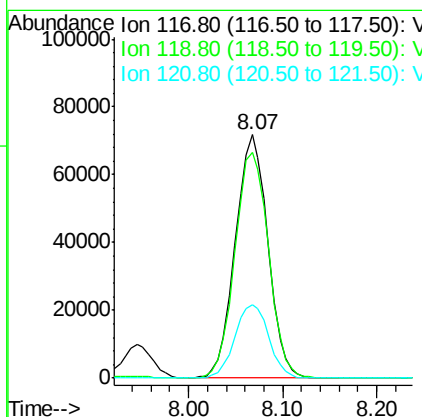
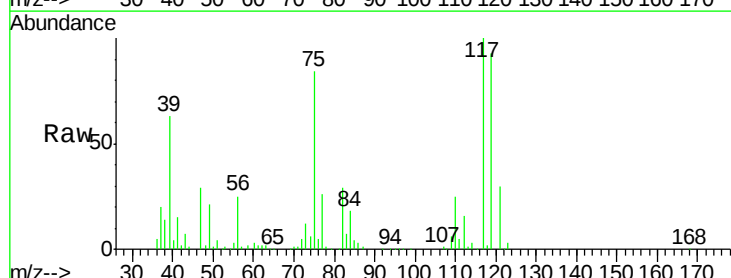
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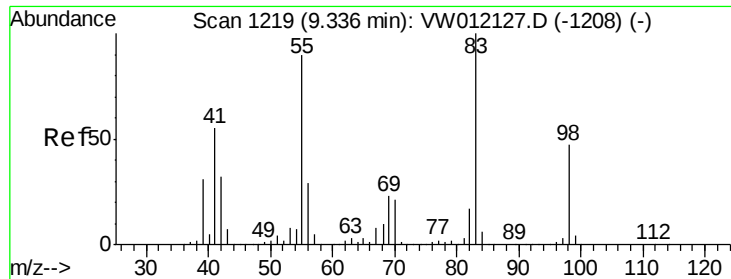
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#38
Carbon Tetrachloride
Concen: 54.089 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.2	114.2
121	30.3	23.8	35.8





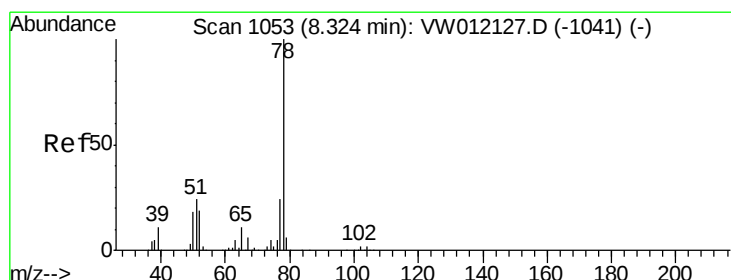
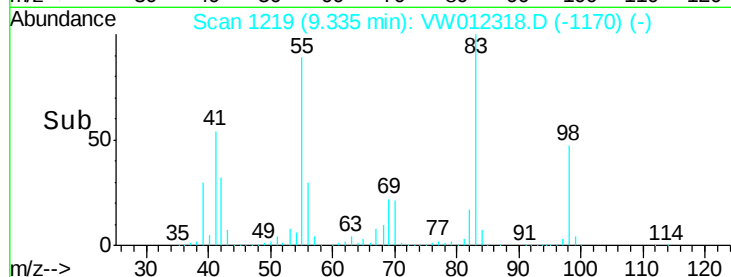
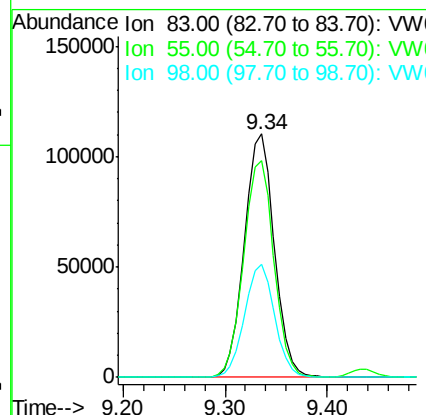
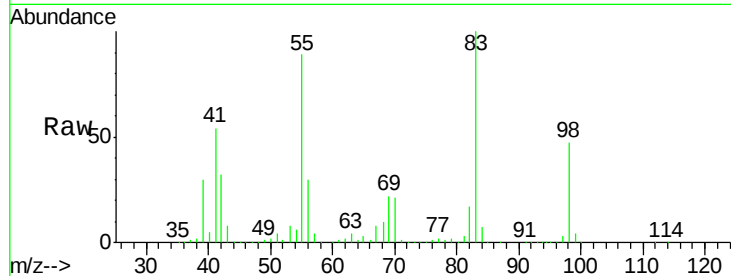
#39
Methvlcvclohexane
Concen: 54.172 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	225831		
55	89.1	71.8	107.8	
98	46.7	37.8	56.8	

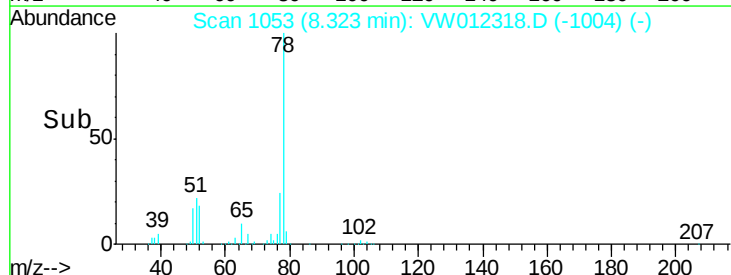
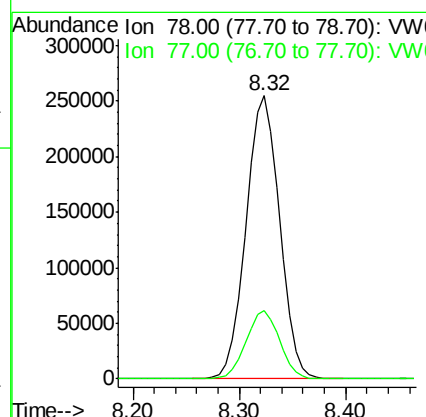
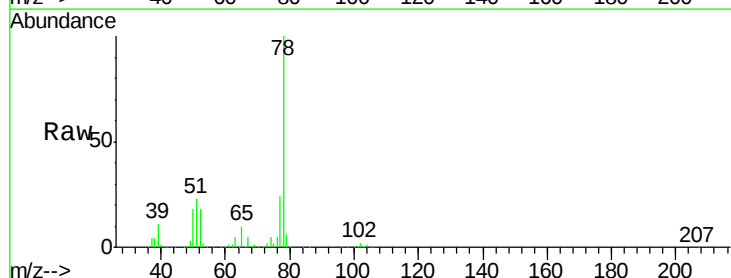
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#40
Benzene
Concen: 55.738 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	564770		
77	24.2	19.5	29.3	





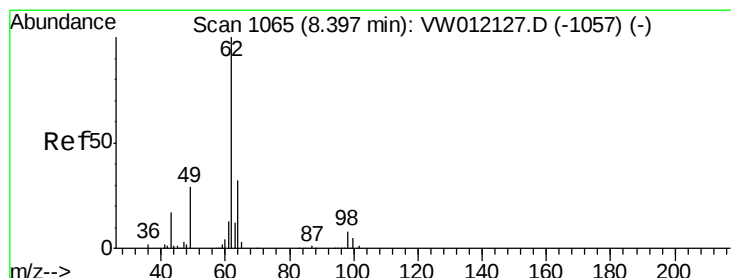
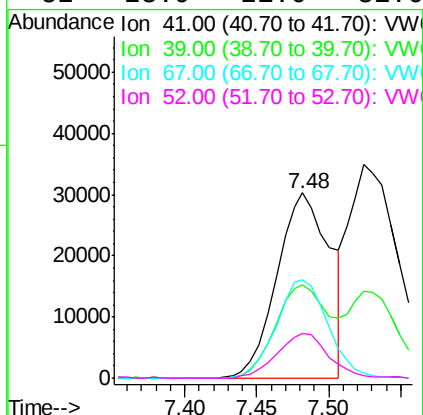
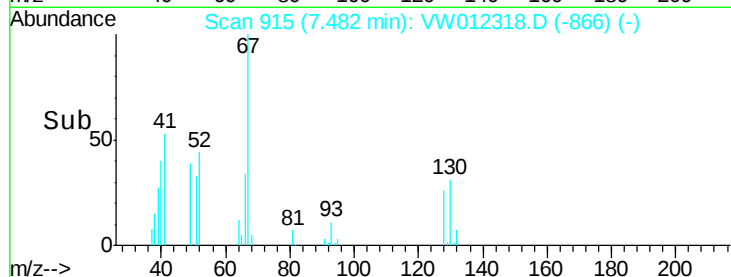
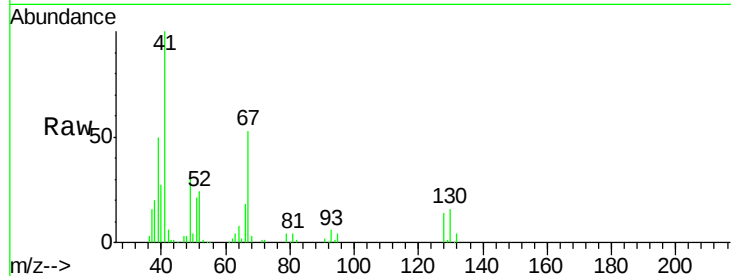
#41
Methacrylonitrile
Concen: 65.067 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	77763
Ion Ratio	Lower	Upper	
41	100		
39	50.8	45.8	68.8
67	52.2	46.2	69.4
52	23.9	21.0	31.6

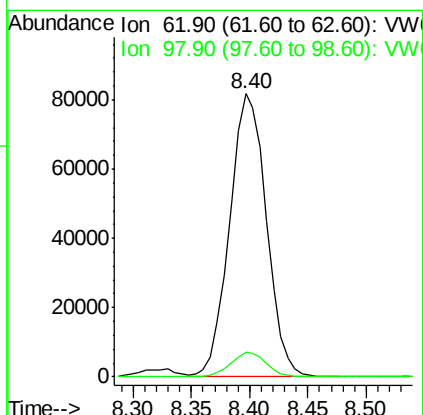
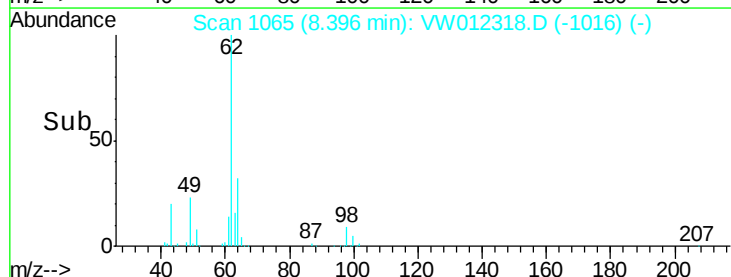
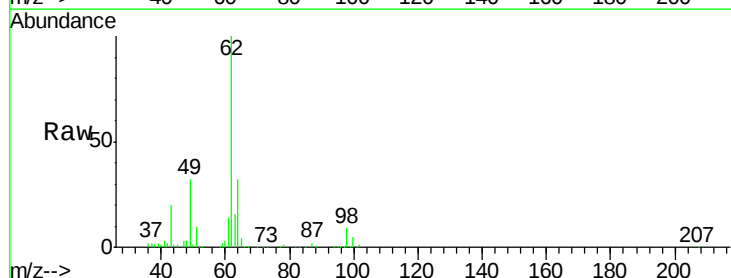
Manual Integrations
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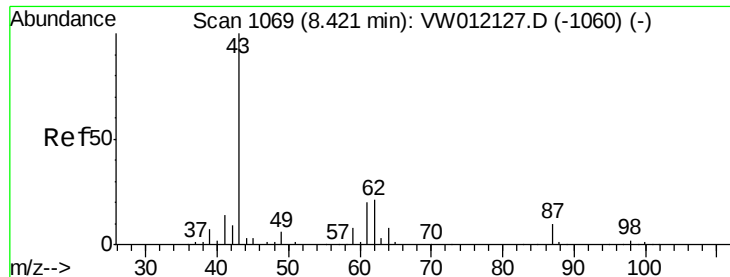
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#42
1,2-Dichloroethane
Concen: 56.452 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion	62	Resp	179270
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 58.763 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

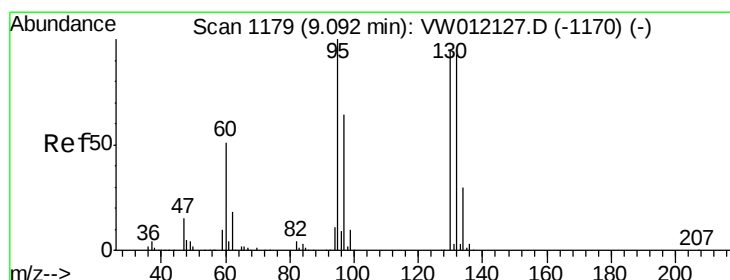
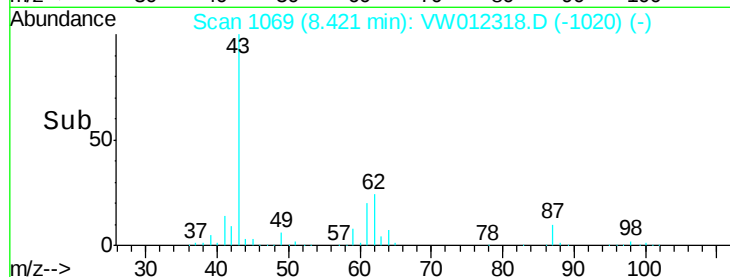
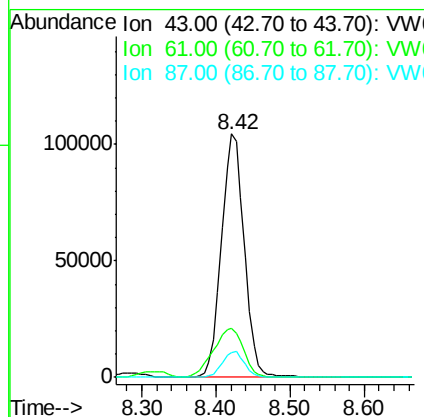
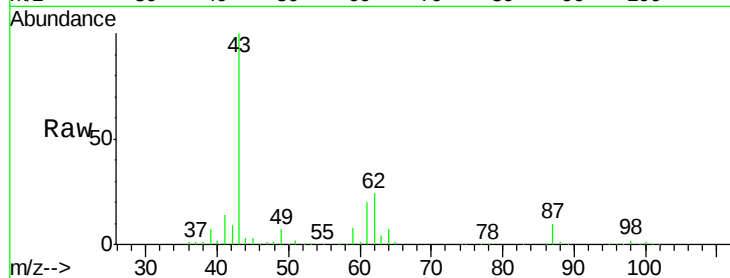
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	221338
Ion	Ratio	Lower	Upper
43	100		
61	26.7	21.1	31.7
87	10.4	8.2	12.2

Manual Integrations
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#44

Trichloroethene

Concen: 55.713 ug/l

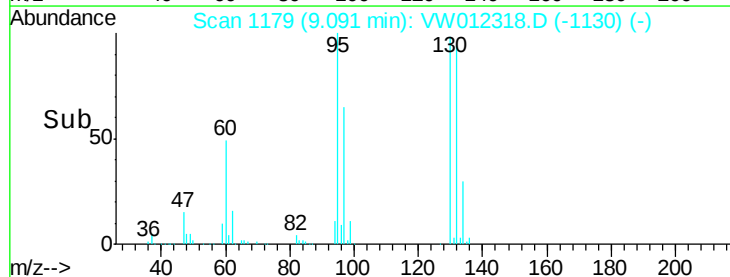
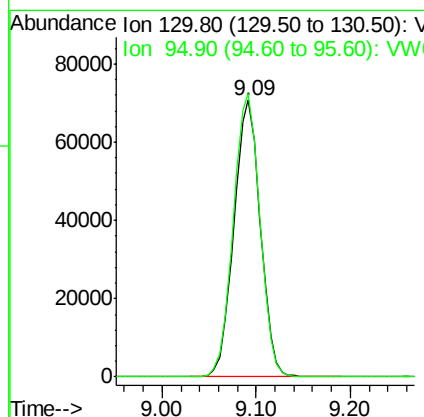
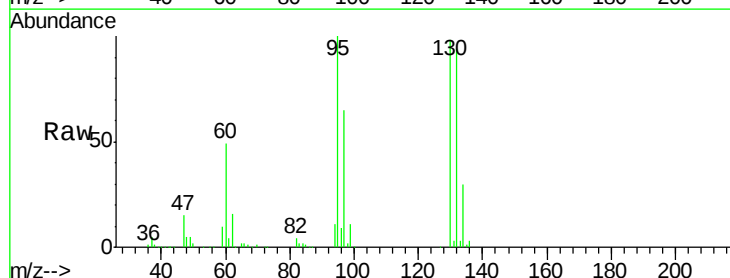
RT: 9.09 min Scan# 1179

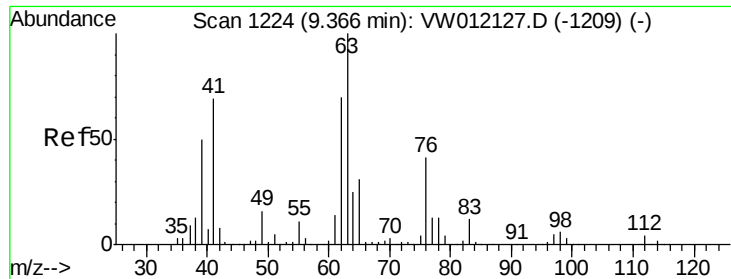
Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Tgt Ion:	130	Resp:	137231
Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	210.6





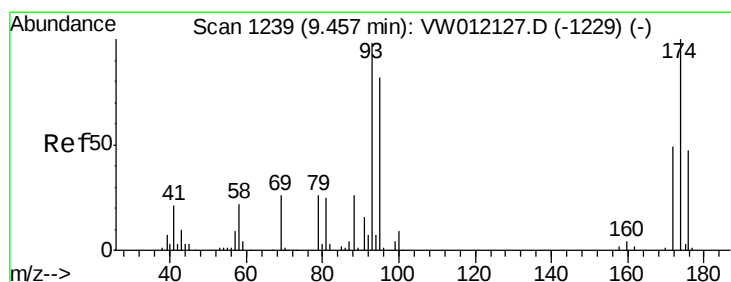
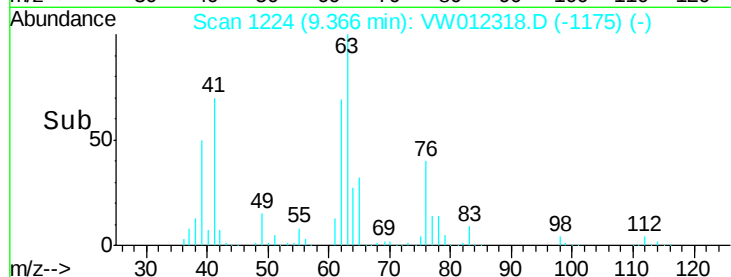
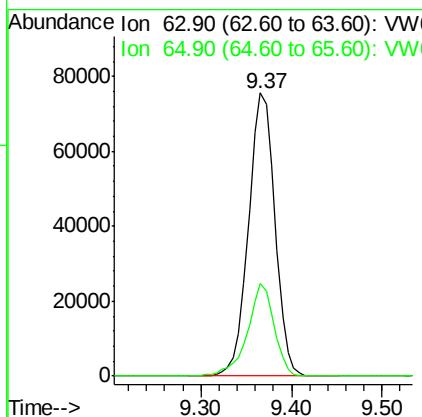
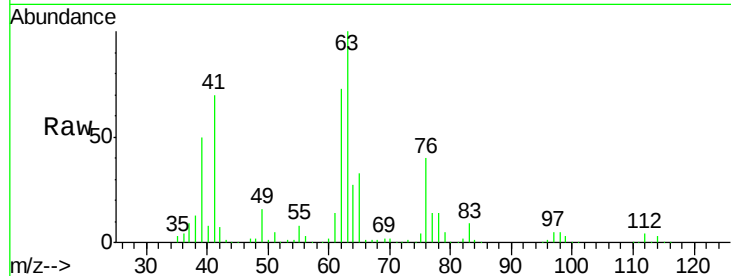
#45
 1,2-Dichloropropane
 Concen: 56.122 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 153042
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.0 37.4

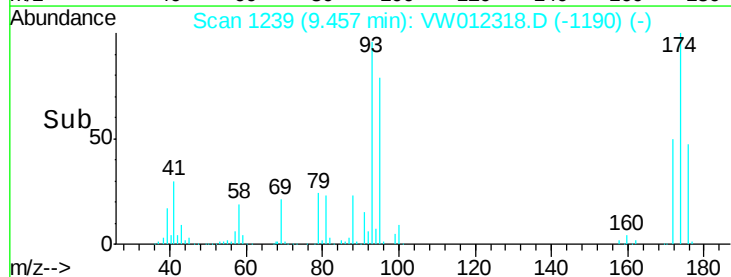
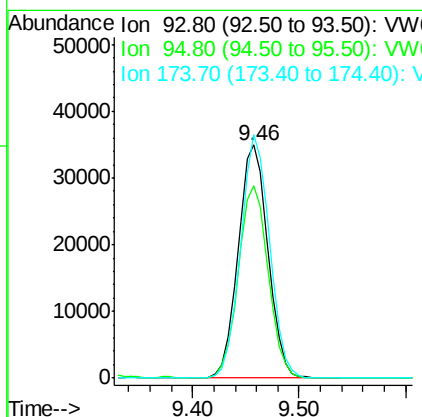
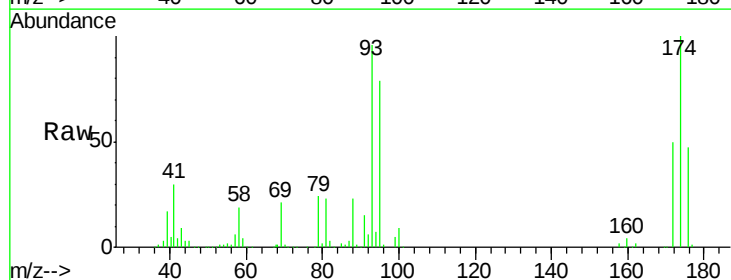
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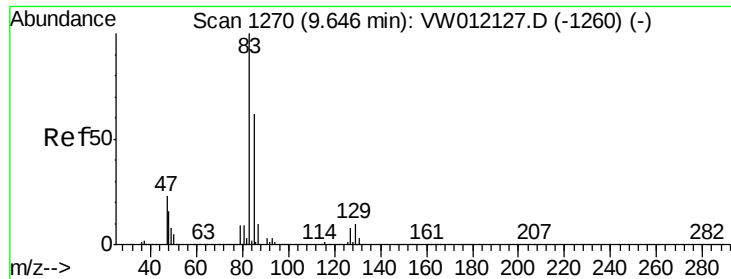
MMDadoda
 8/30/2019 11:41:34 AM



#46
 Dibromomethane
 Concen: 56.638 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion: 93 Resp: 68719
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.2 100.8
 174 101.4 79.0 118.6





#47

Bromodichloromethane

Concen: 56.717 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

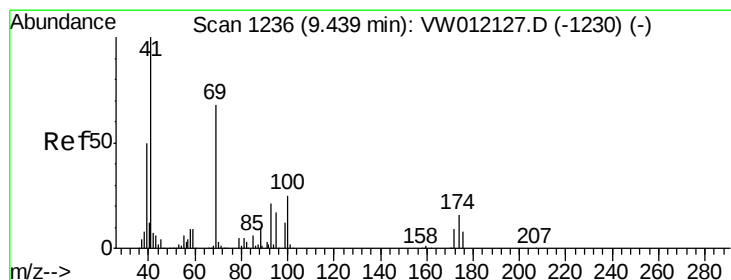
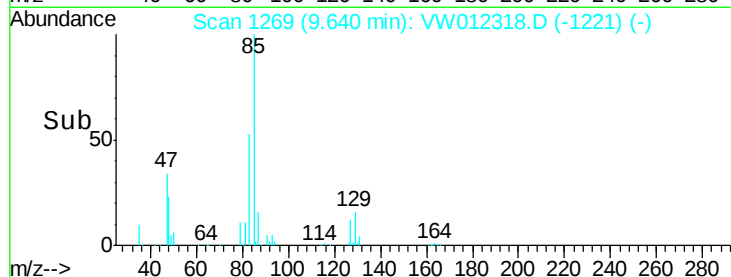
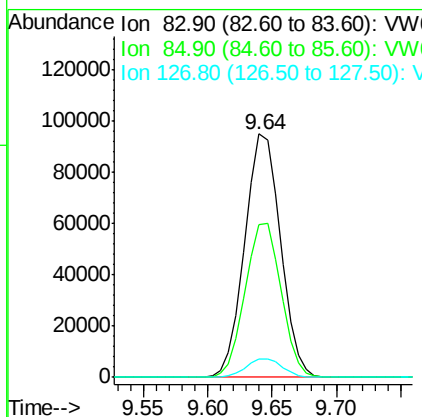
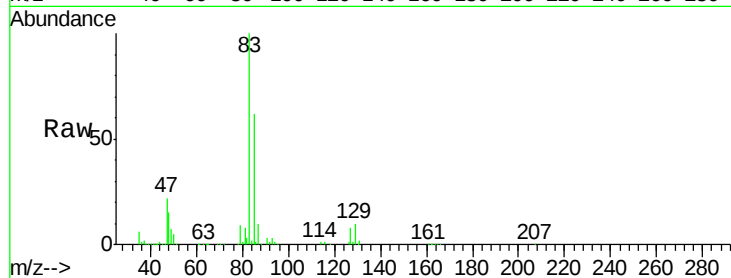
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	183148
Ion	Ratio	Lower	Upper
83	100		
85	62.5	49.4	74.2
127	7.7	6.1	9.1

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#48

Methyl methacrylate

Concen: 58.723 ug/l

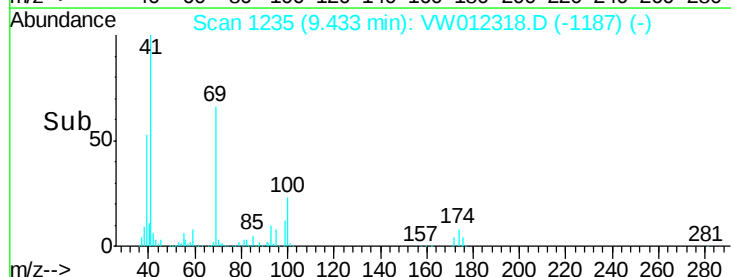
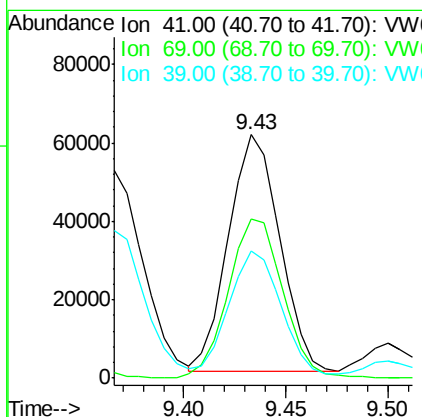
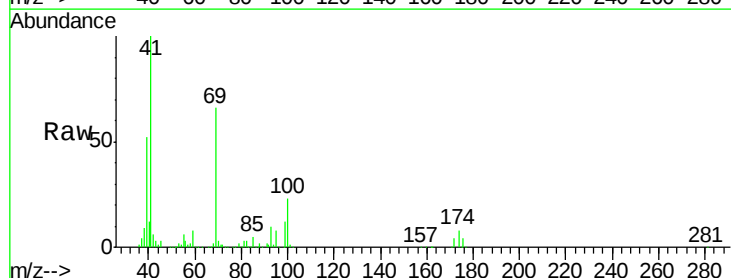
RT: 9.43 min Scan# 1235

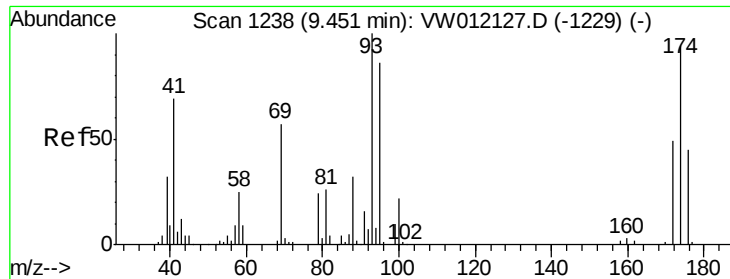
Delta R.T. -0.01 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Tgt Ion:	41	Resp:	105273
Ion	Ratio	Lower	Upper
41	100		
69	72.0	56.7	85.1
39	56.3	42.0	63.0





#49

1,4-Dioxane

Concen: 1097.316 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 20382

Ion Ratio Lower Upper

88 100

43 0.0 32.9 49.3#

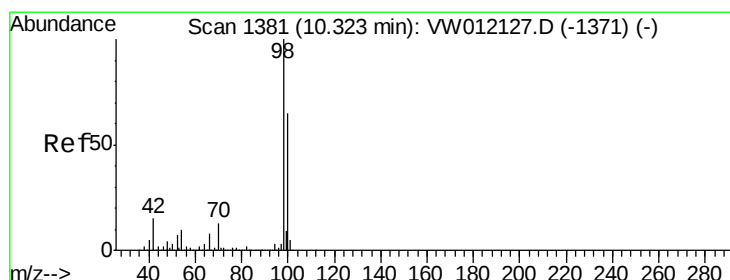
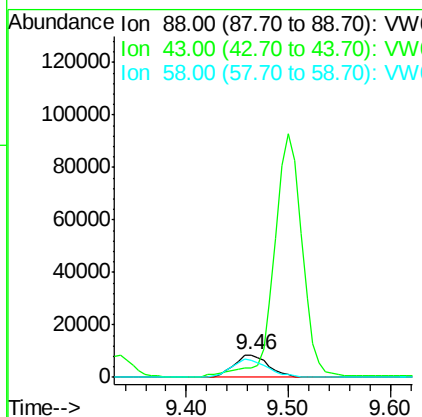
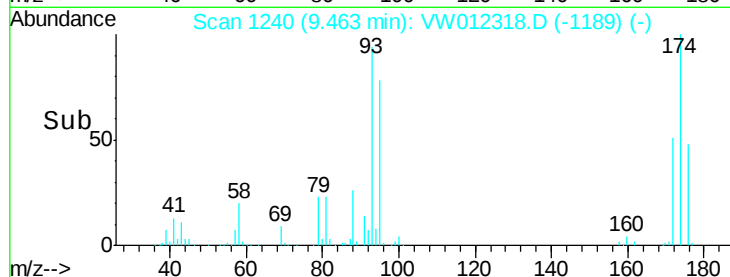
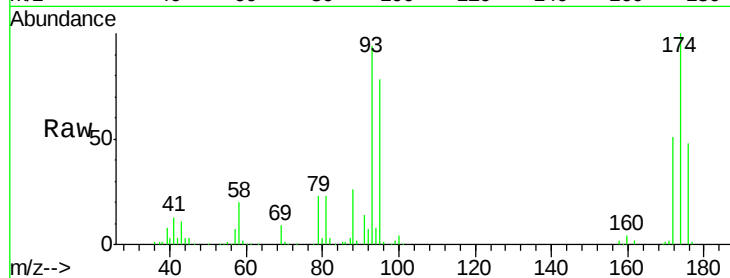
58 86.4 71.0 106.4

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#50

Toluene-d8

Concen: 51.087 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012318.D

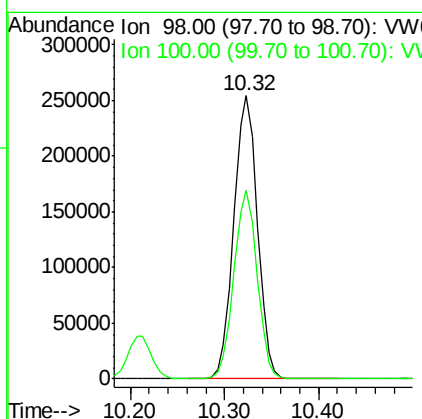
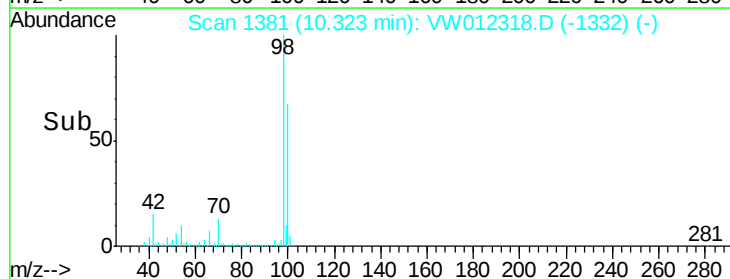
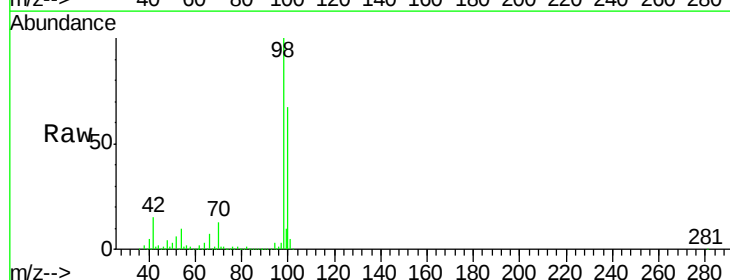
Acq: 29 Aug 2019 22:04

Tgt Ion: 98 Resp: 443991

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 292.535 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 560439

Ion Ratio Lower Upper

43 100

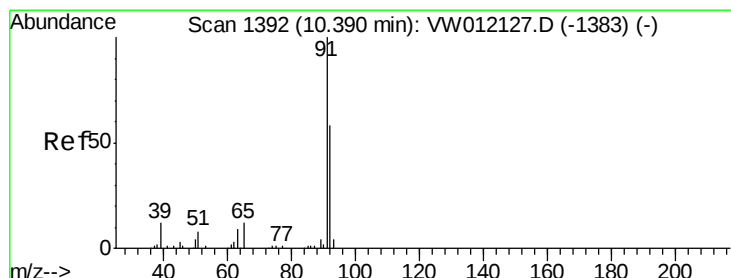
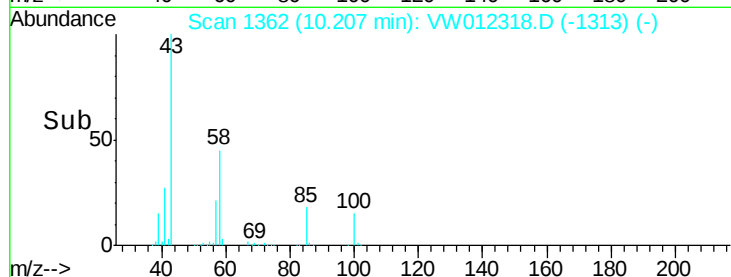
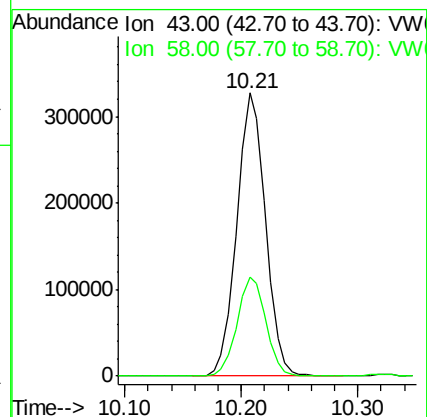
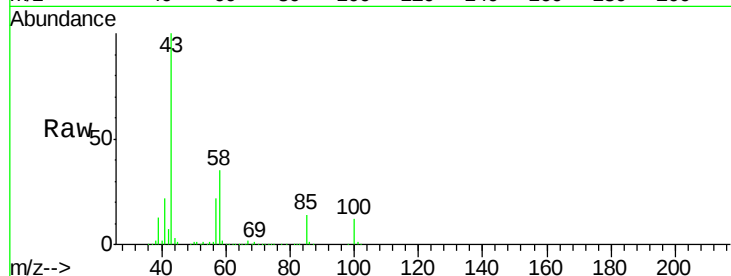
58 35.3 28.2 42.2

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#52

Toluene

Concen: 56.620 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012318.D

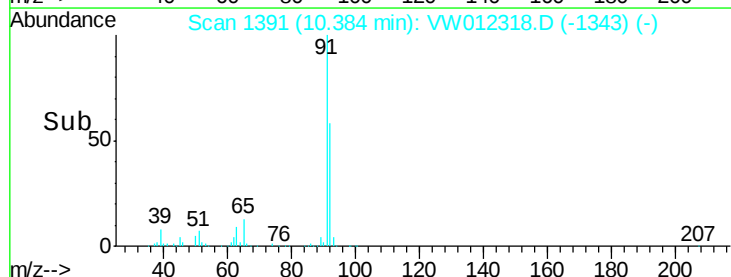
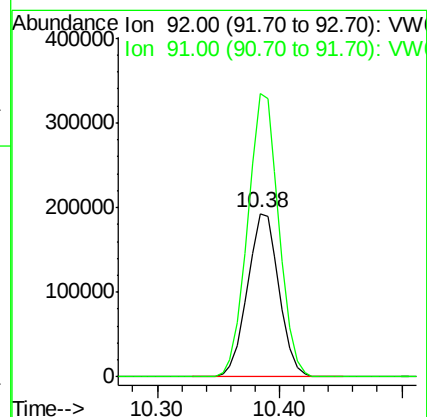
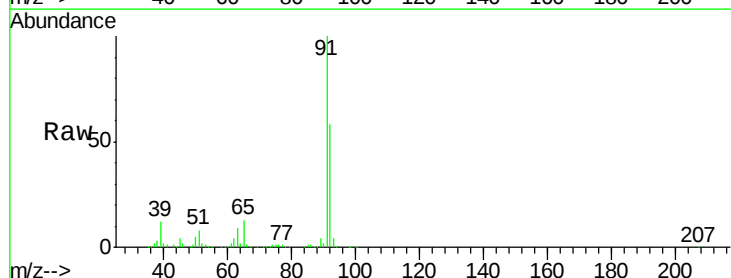
Acq: 29 Aug 2019 22:04

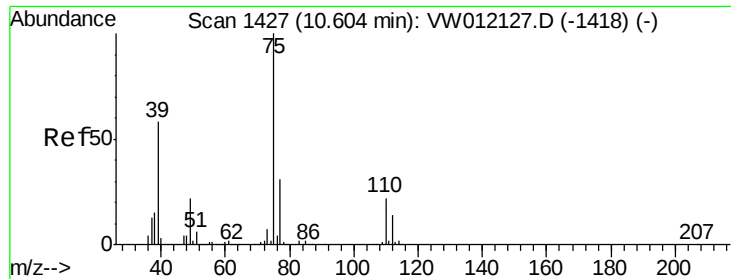
Tgt Ion: 92 Resp: 344649

Ion Ratio Lower Upper

92 100

91 171.3 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 56.959 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 187353

Ion Ratio Lower Upper

75 100

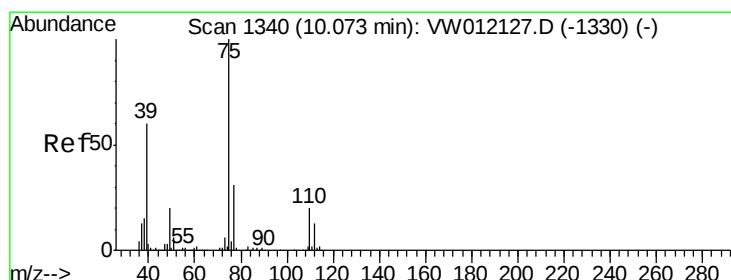
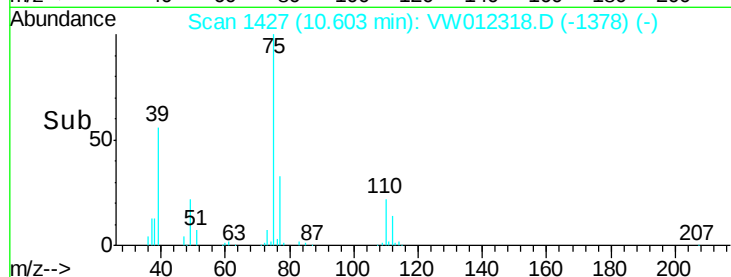
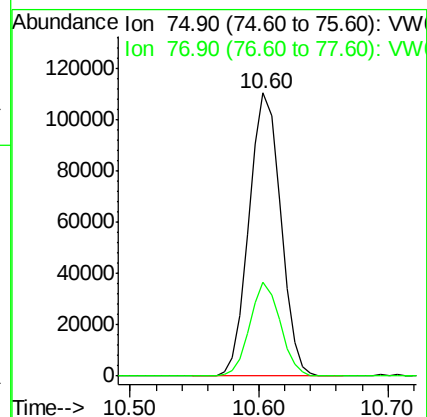
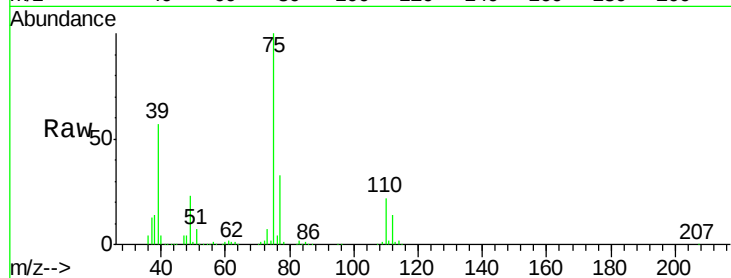
77 33.0 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 57.173 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

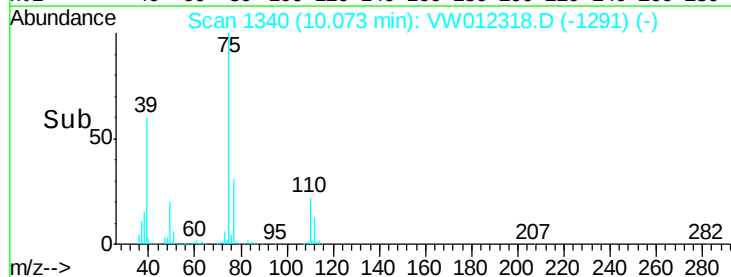
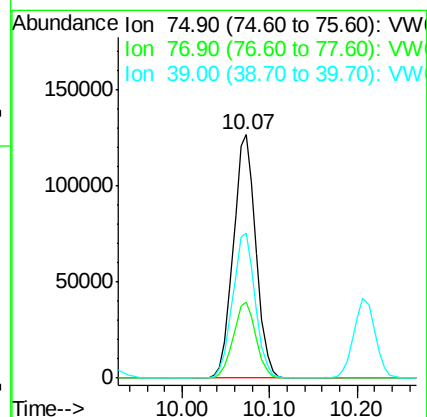
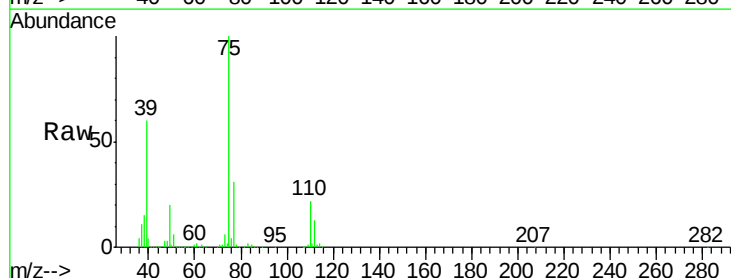
Tgt Ion: 75 Resp: 227071

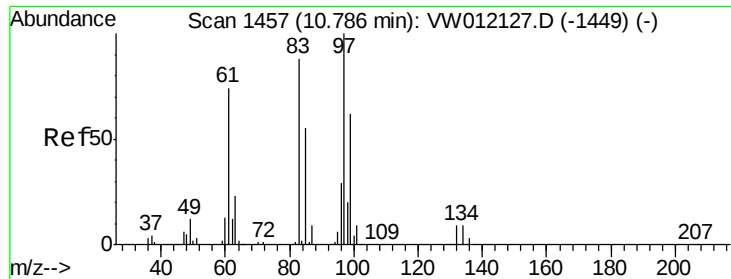
Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 59.5 48.3 72.5





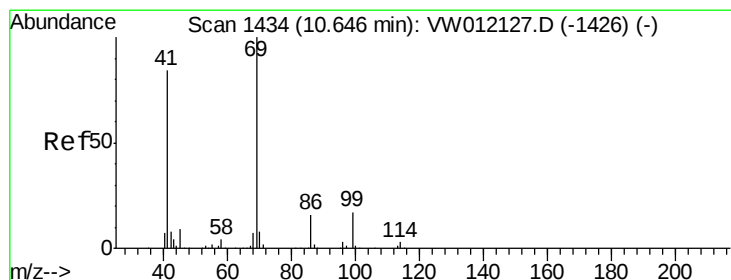
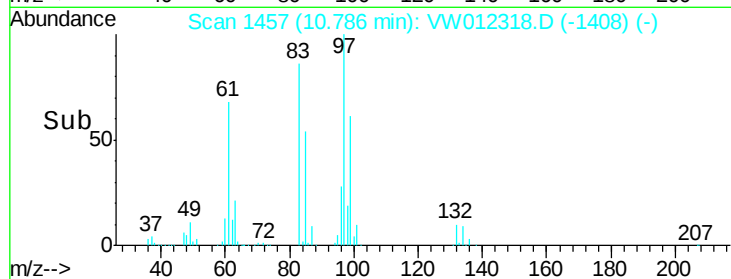
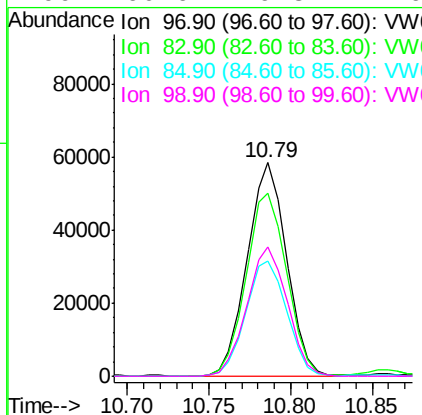
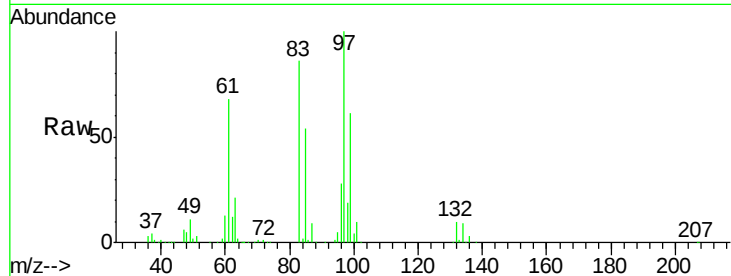
#55
 1,1,2-Trichloroethane
 Concen: 57.298 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	98362
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.8	106.2
85	54.0	43.8	65.8
99	60.6	49.8	74.6

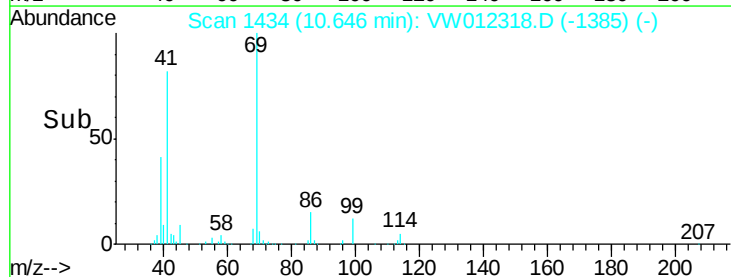
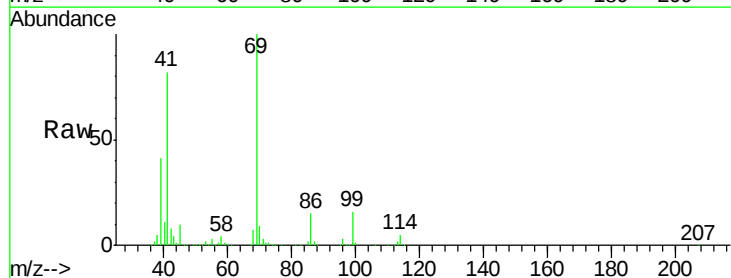
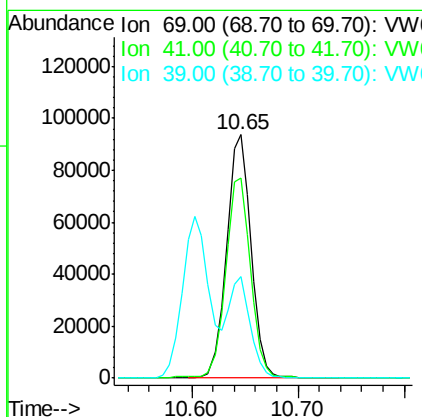
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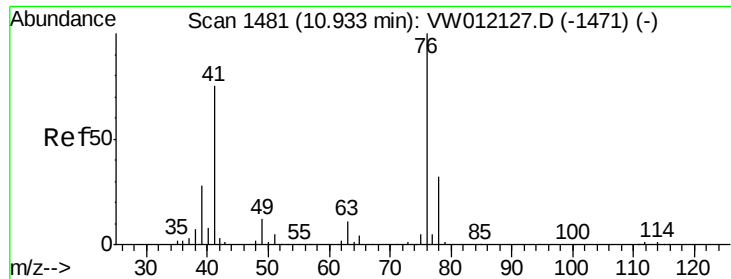
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#56
 Ethyl methacrylate
 Concen: 60.132 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion:	69	Resp:	150238
Ion	Ratio	Lower	Upper
69	100		
41	84.1	66.5	99.7
39	36.6	31.0	46.4





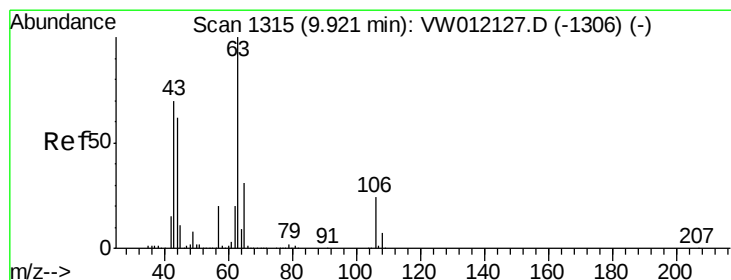
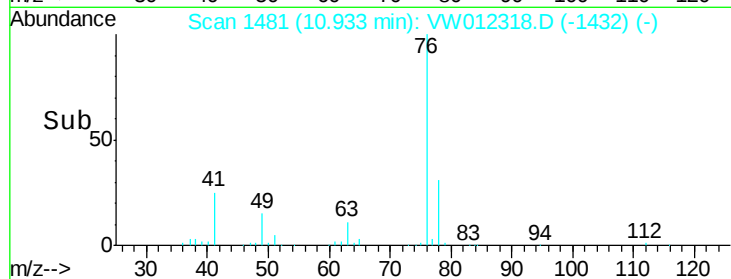
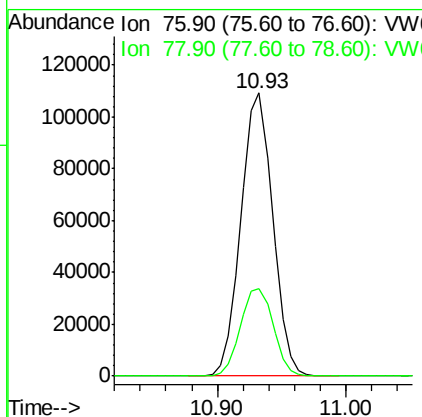
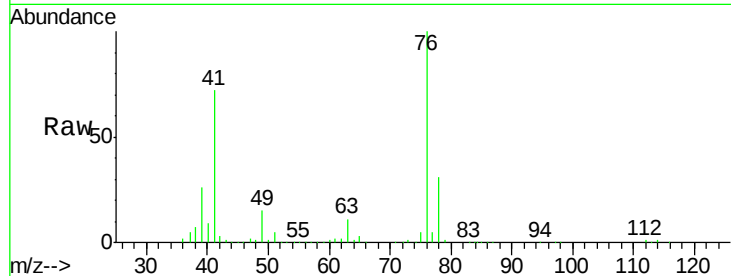
#57
 1,3-Dichloropropane
 Concen: 57.668 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 187079
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8

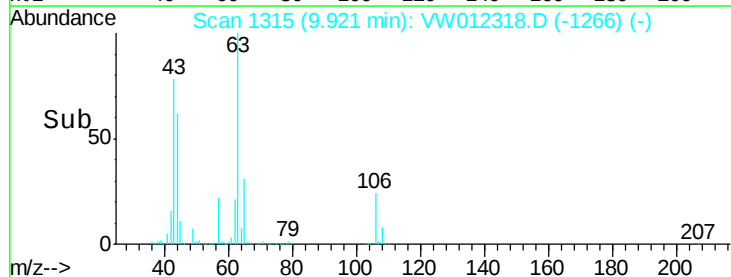
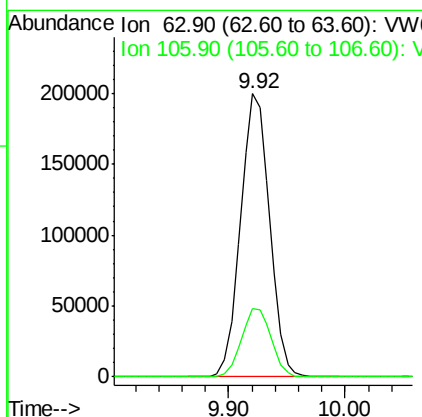
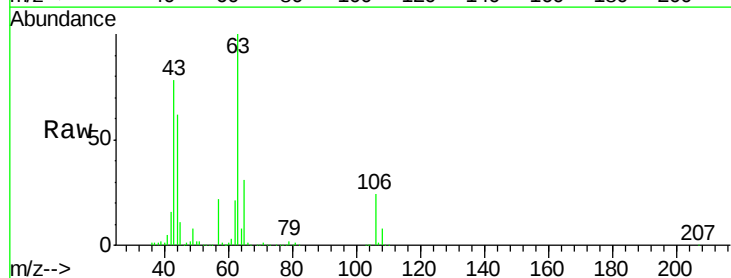
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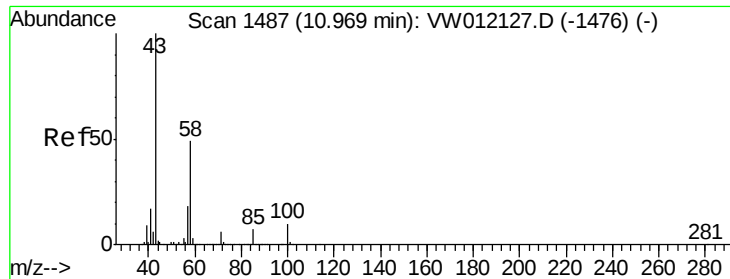
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 271.218 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion: 63 Resp: 347775
 Ion Ratio Lower Upper
 63 100
 106 24.7 19.8 29.8





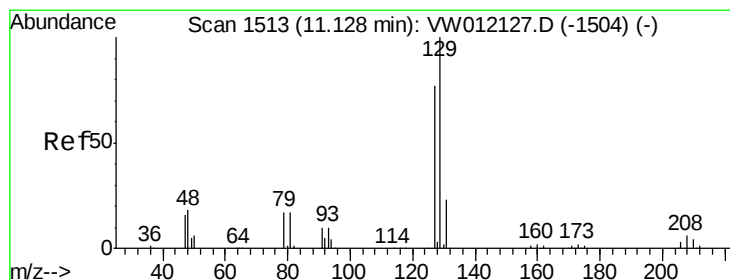
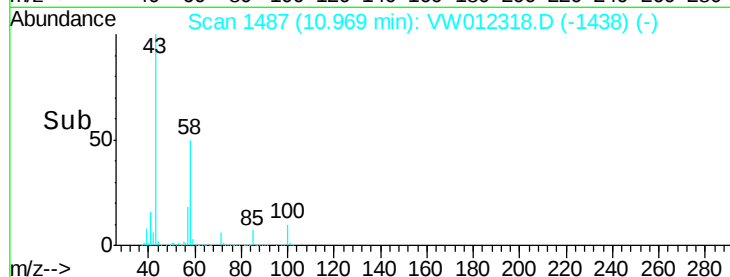
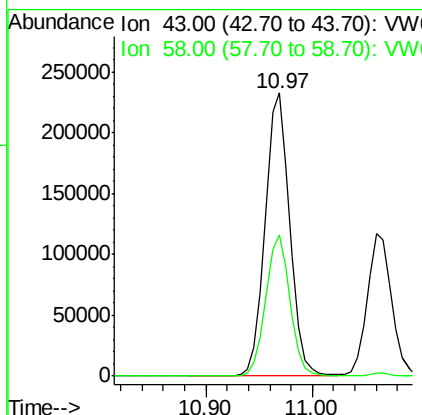
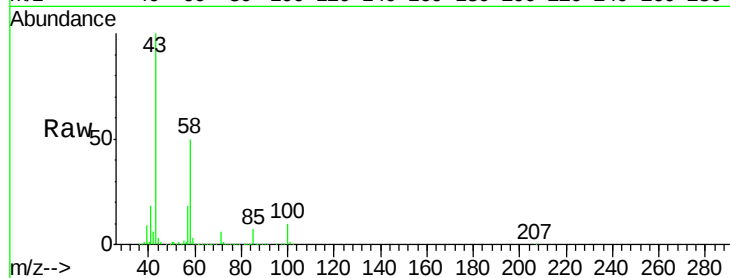
#59
2-Hexanone
Concen: 277.663 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	376388
Ion Ratio	43	100	
Lower	58	49.3	24.3
Upper			72.9

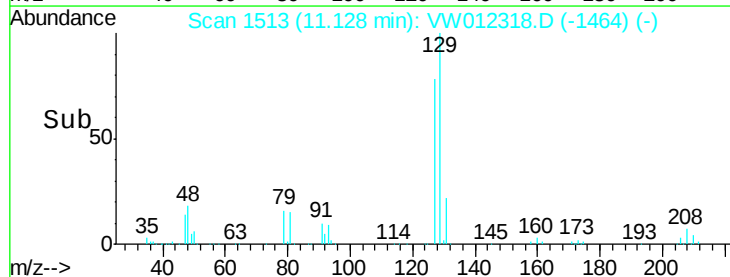
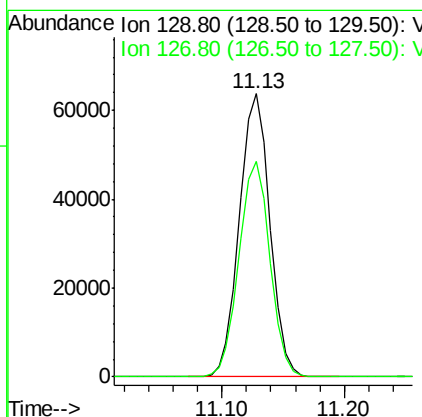
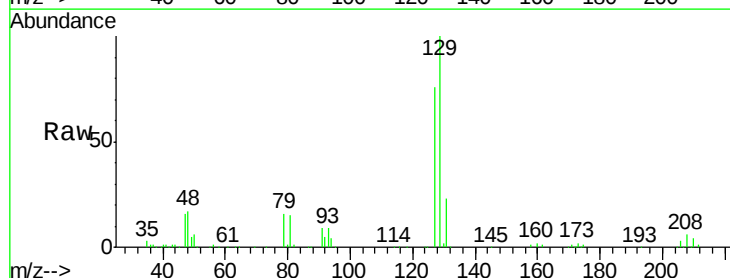
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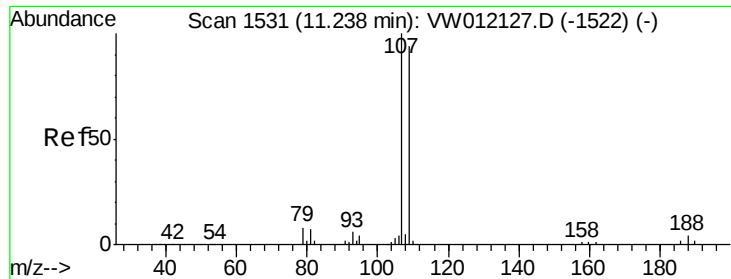
MMDadoda
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#60
Dibromochloromethane
Concen: 57.825 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion	129	Resp	110566
Ion Ratio	129	100	
Lower	127	77.2	38.6
Upper			115.8





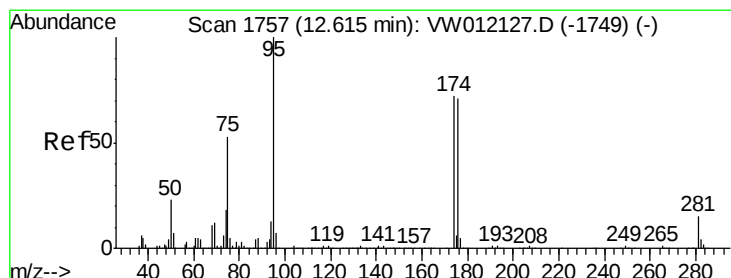
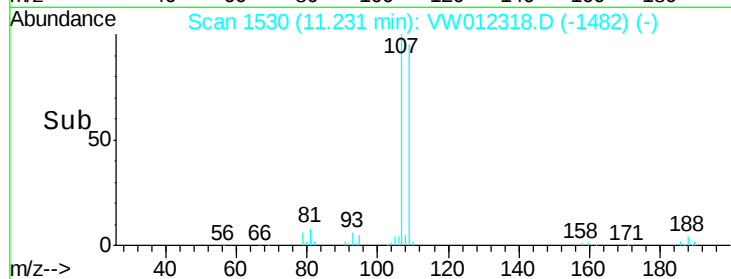
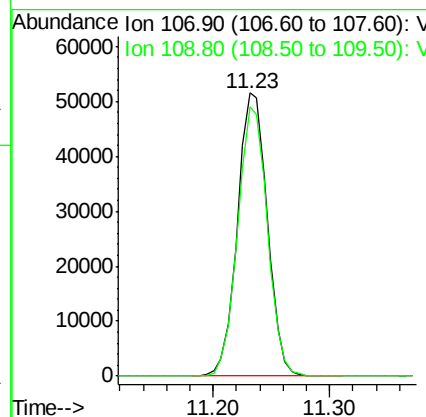
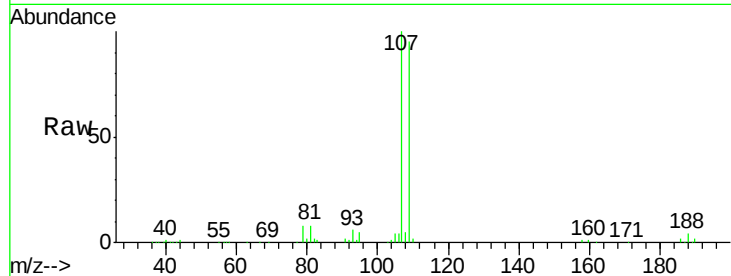
#61
 1,2-Dibromoethane
 Concen: 57.546 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.4	113.2

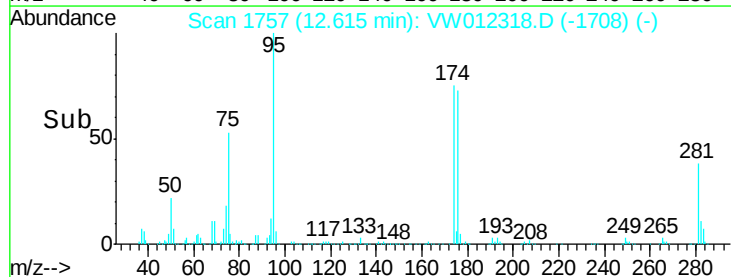
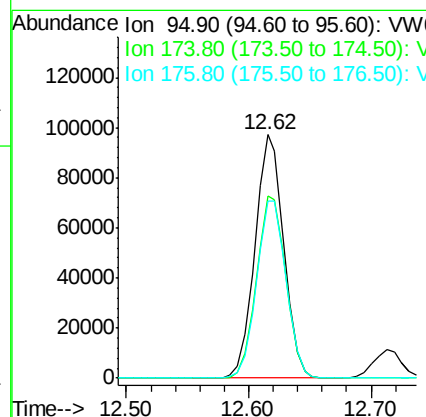
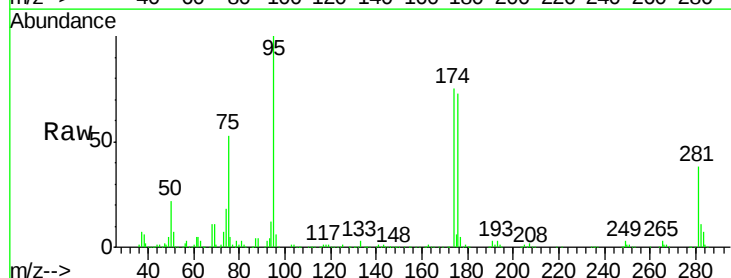
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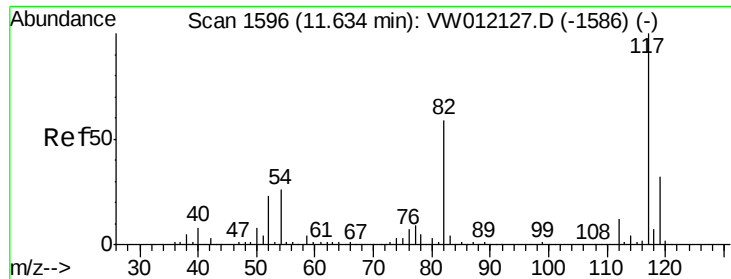
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#62
 4-Bromofluorobenzene
 Concen: 51.799 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	150.8
176	75.0	0.0	148.6





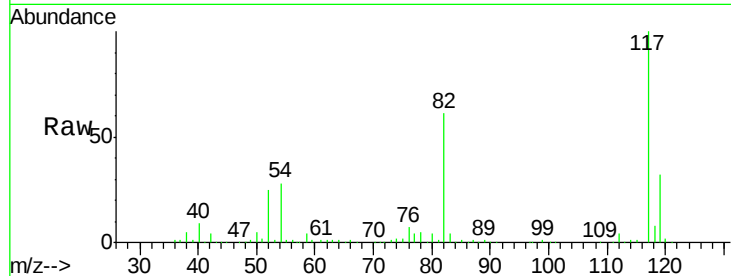
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	307336		
82	61.3	47.4	71.2	
119	32.2	25.4	38.2	

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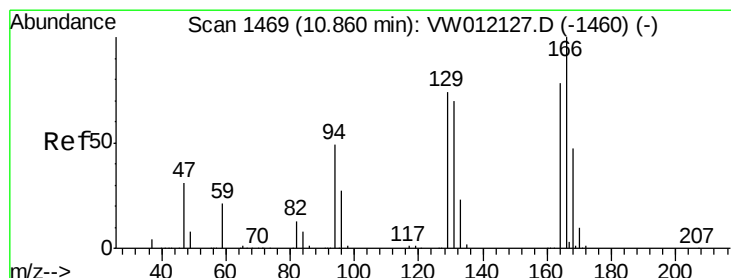
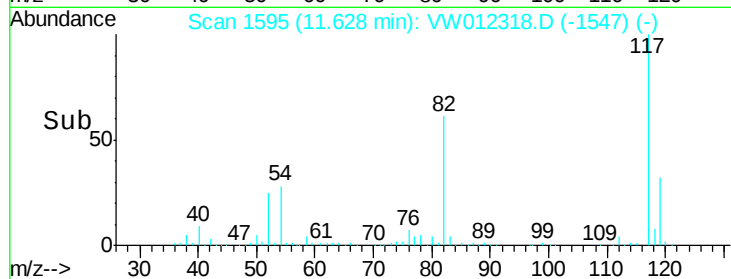
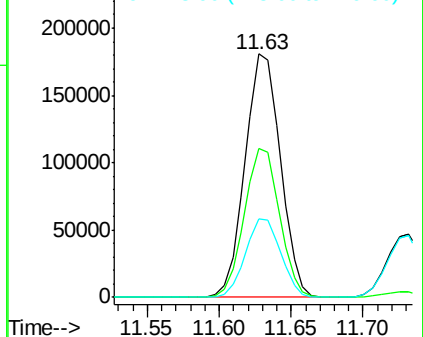


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 57.437 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	114446		
166	127.3	102.4	153.6	
129	93.5	75.8	113.6	
131	88.5	71.4	107.2	

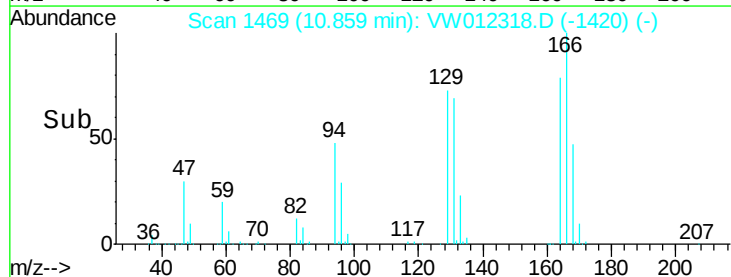
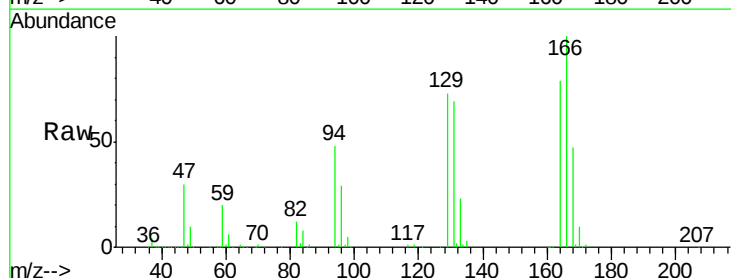
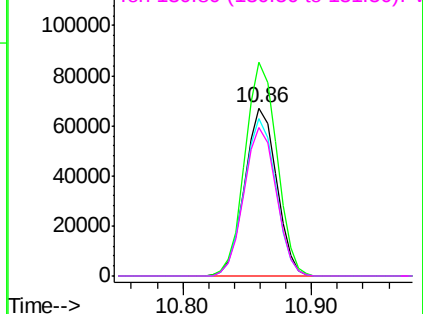
Abundance

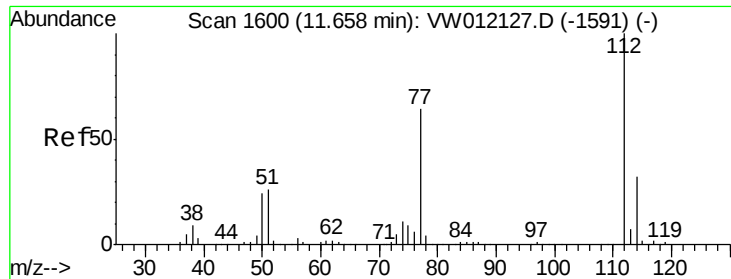
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





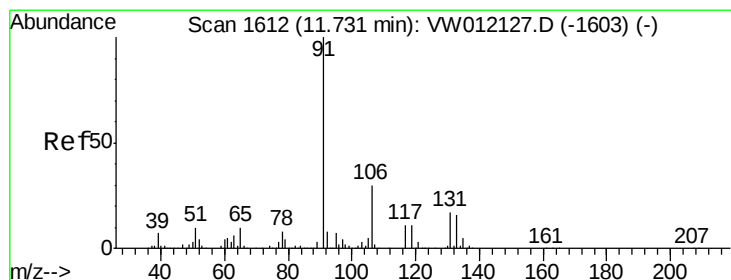
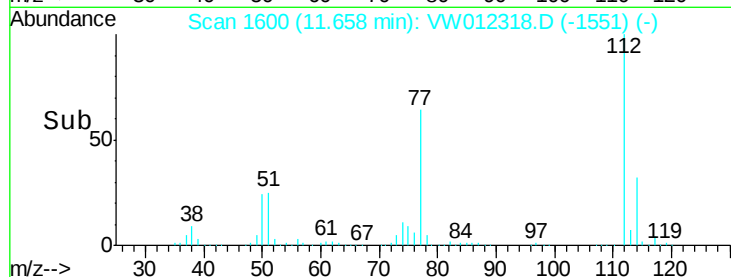
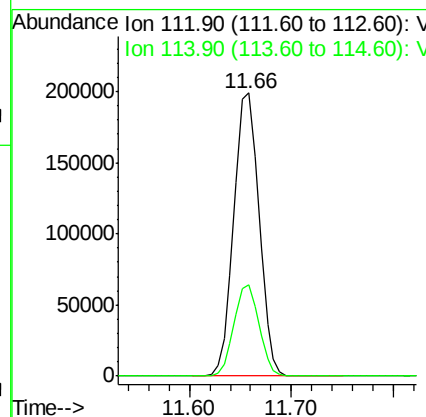
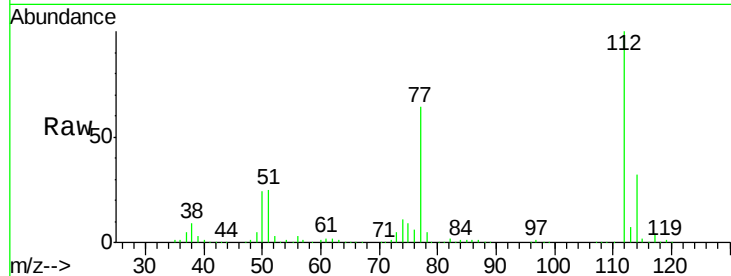
#65
Chlorobenzene
Concen: 56.325 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 340860
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

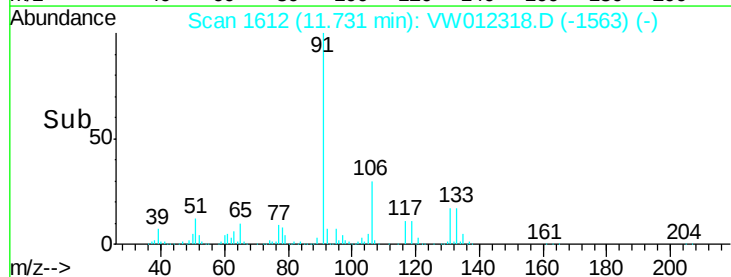
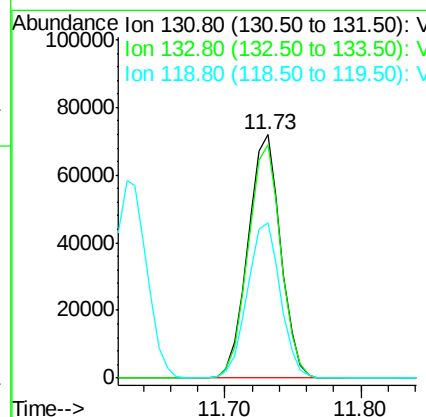
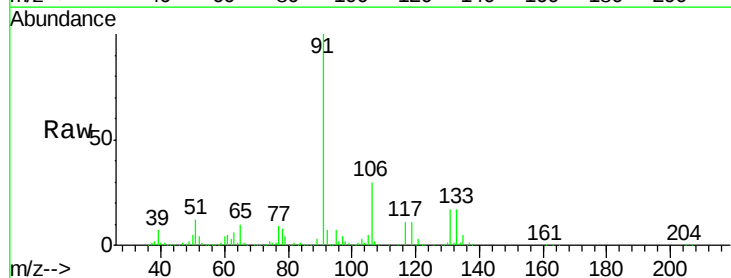
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.288 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion:131 Resp: 120946
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.3
119 64.7 31.8 95.3





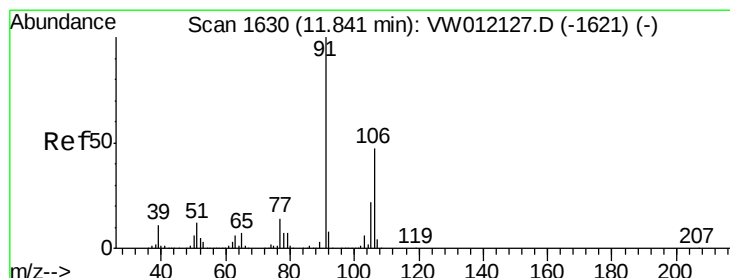
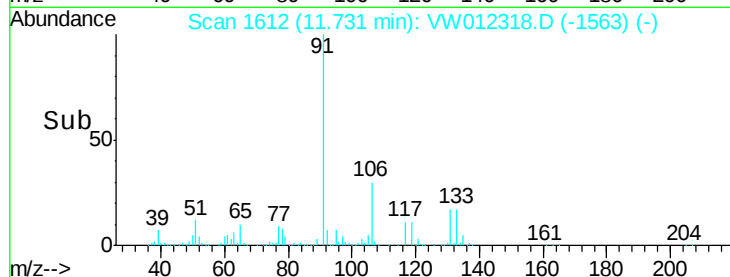
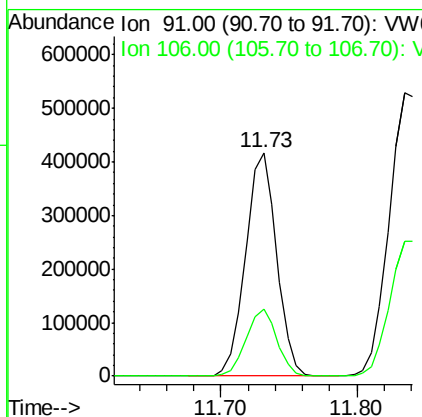
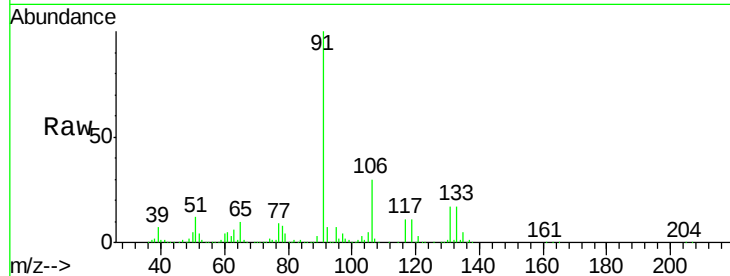
#67
Ethyl Benzene
Concen: 57.292 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.3	36.5

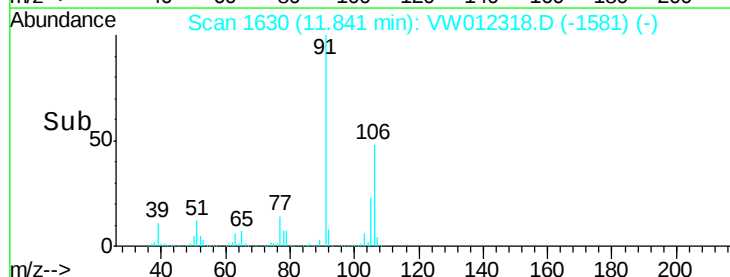
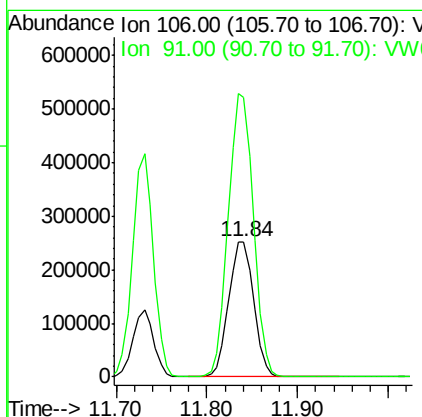
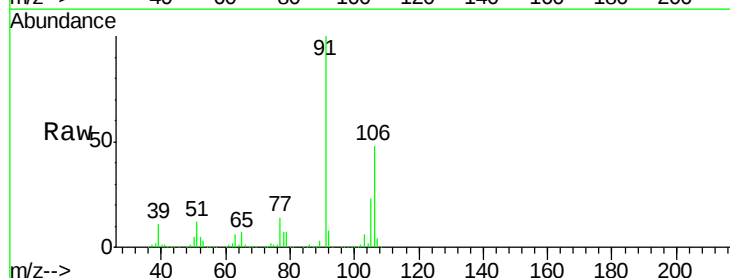
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#68
m/p-Xylenes
Concen: 114.826 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.4	169.5	254.3





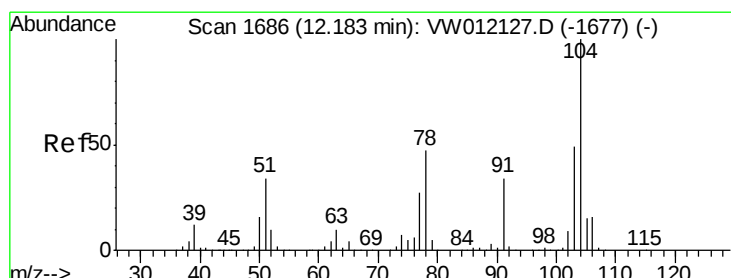
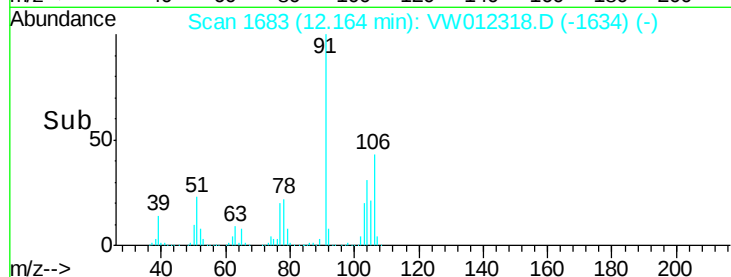
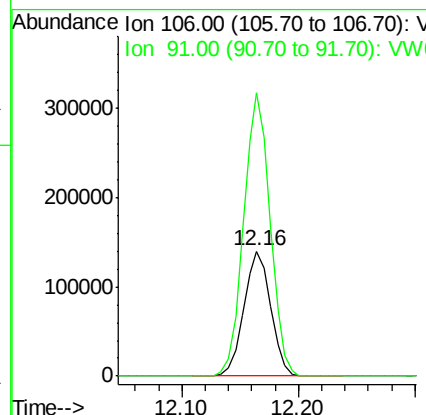
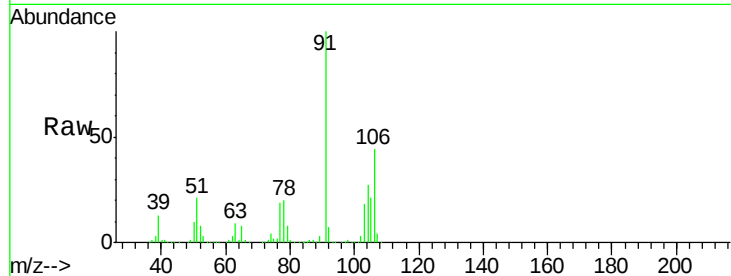
#69
o-Xylene
Concen: 57.713 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	223.9	111.6	334.6

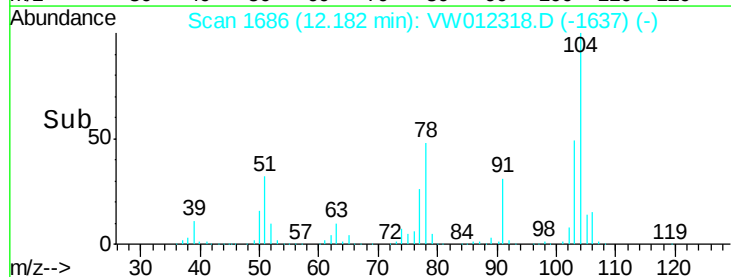
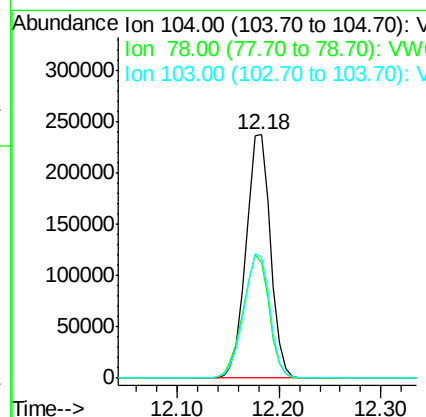
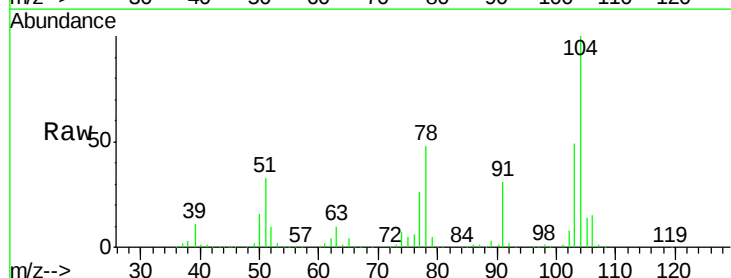
Manual Integrations
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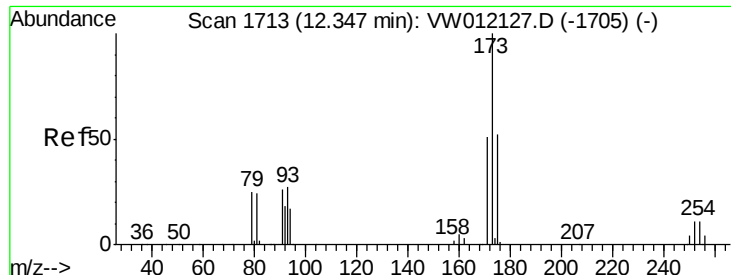
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#70
Styrene
Concen: 58.503 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.2	43.1	64.7
103	54.6	43.5	65.3





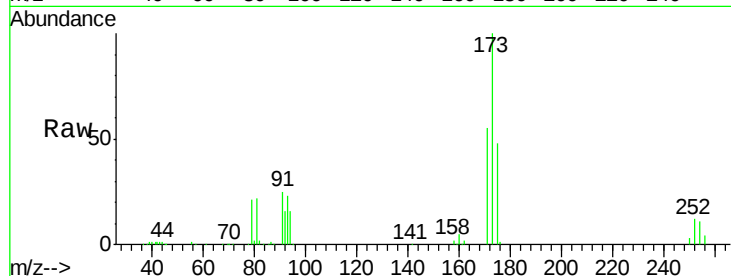
#71
Bromoform
Concen: 59.118 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

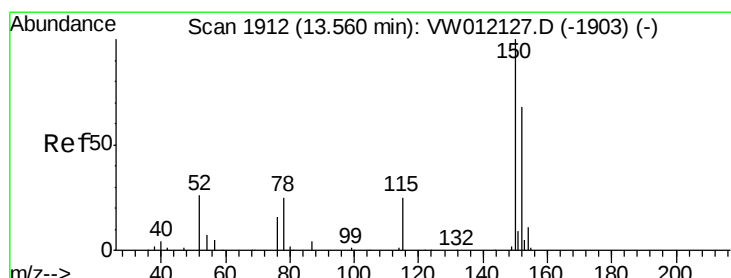
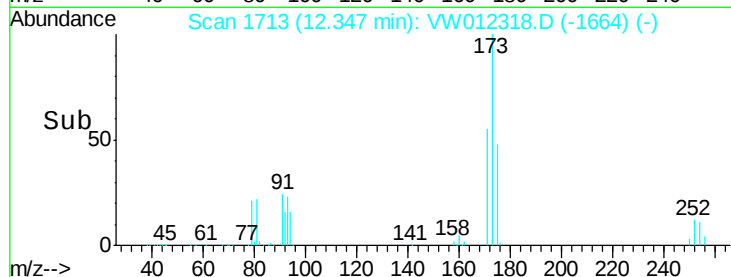
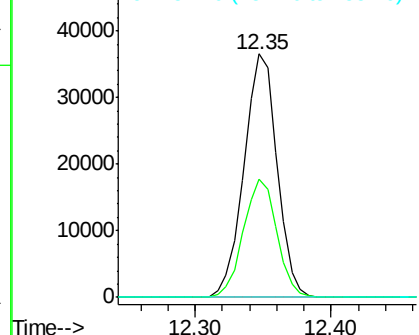
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.6	74.0
254	0.0	0.2	0.2

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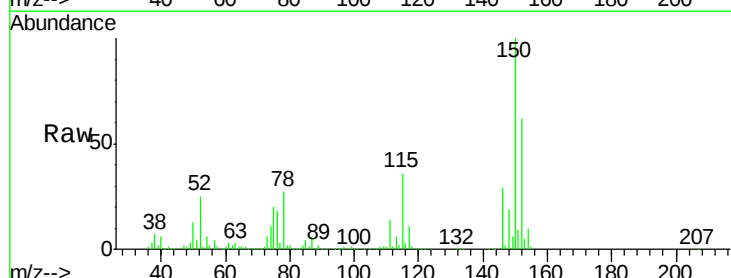


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

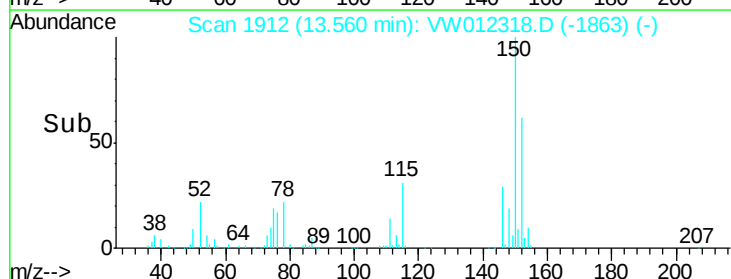
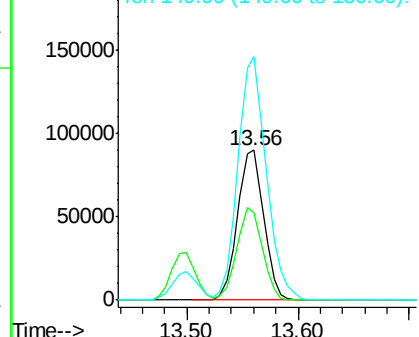


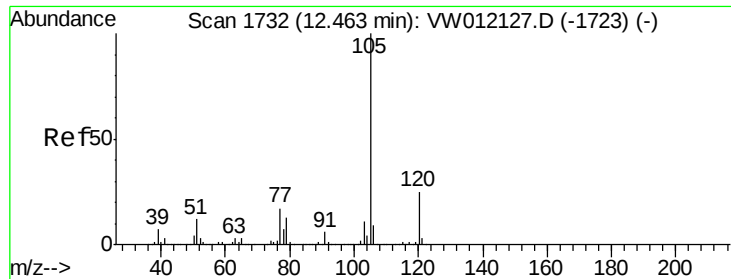
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.1	90.3
150	175.9	0.0	345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.425 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 629995

Ion Ratio Lower Upper

105 100

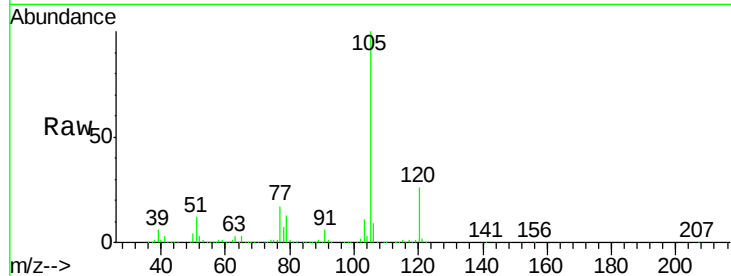
120 25.6 12.5 37.5

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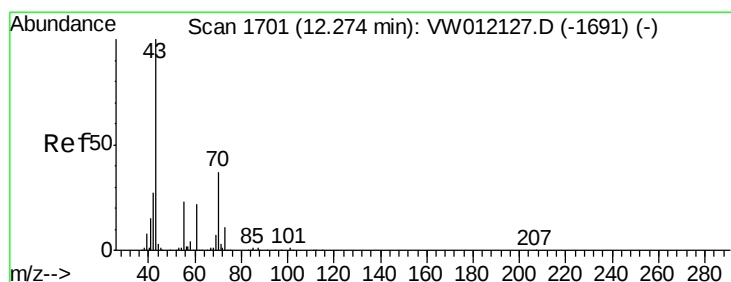
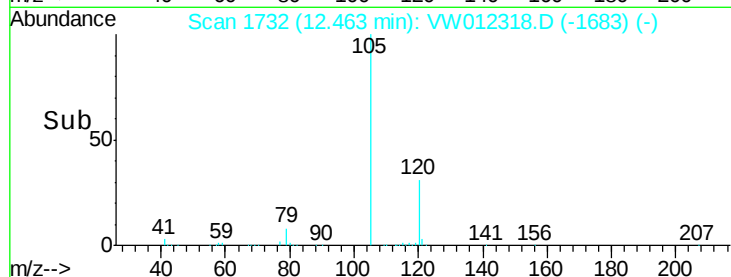
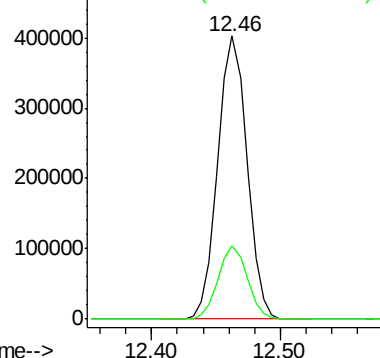
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 60.854 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Tgt Ion: 43 Resp: 201704

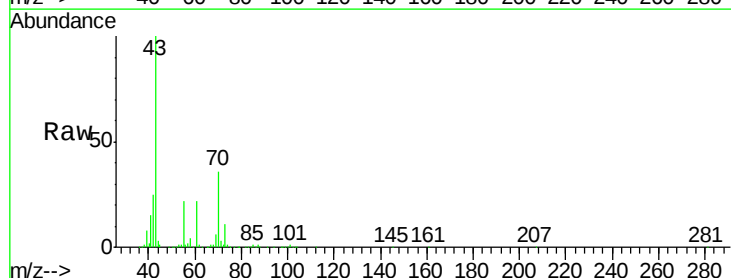
Ion Ratio Lower Upper

43 100

70 36.0 28.6 43.0

55 22.0 17.8 26.6

61 21.4 17.3 25.9

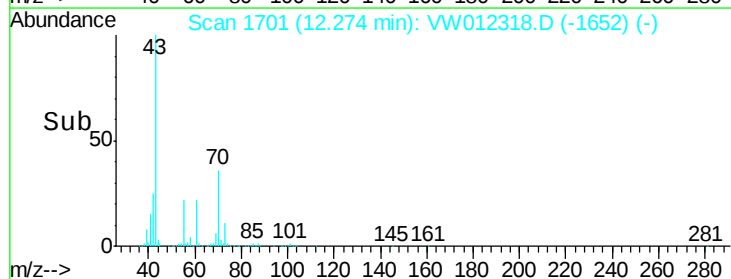
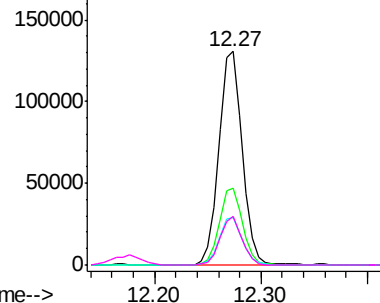


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 57.393 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

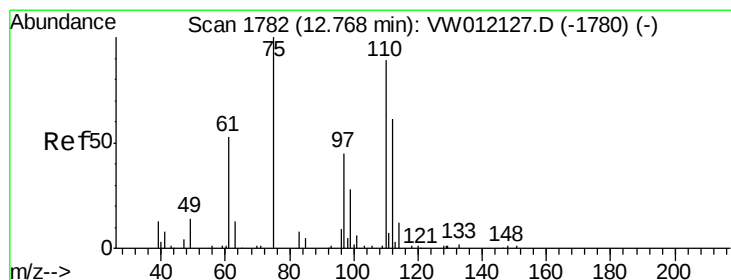
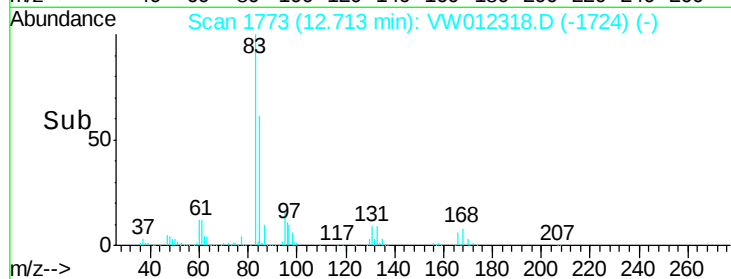
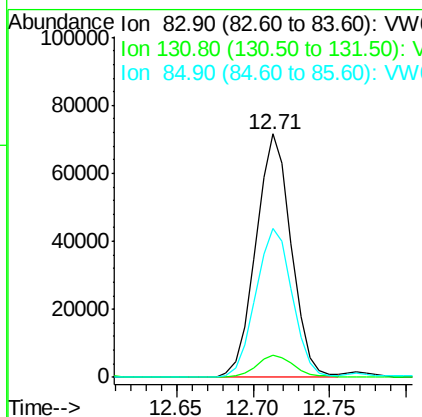
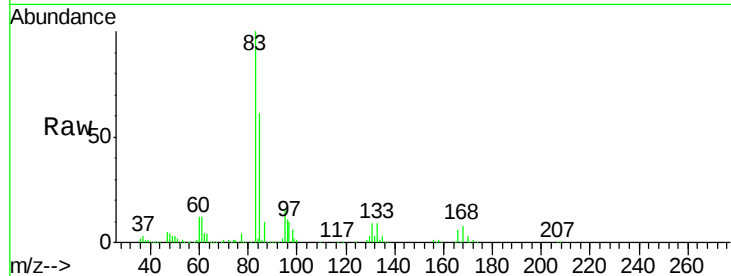
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	115433
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	63.5	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 55.011 ug/l m

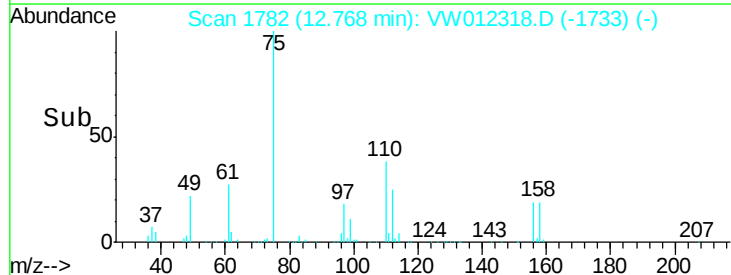
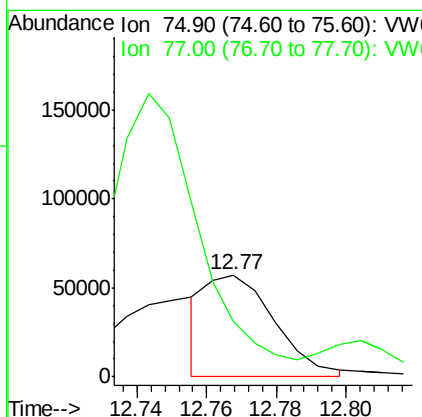
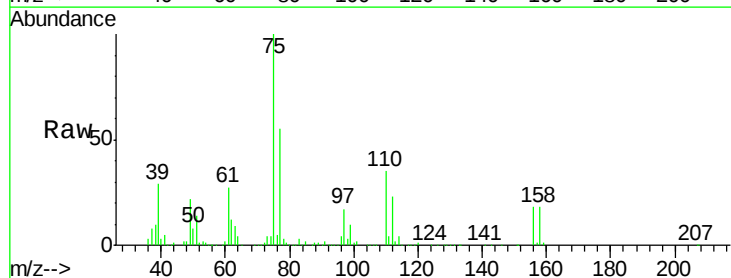
RT: 12.77 min Scan# 1782

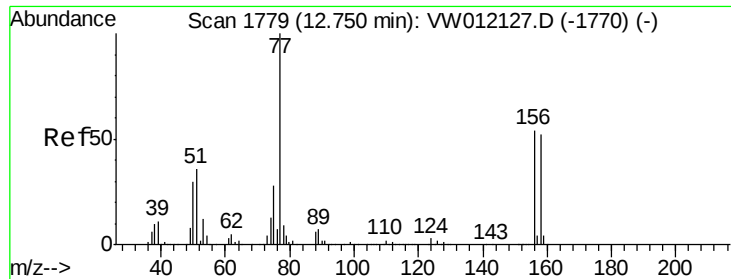
Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Tgt Ion:	75	Resp:	78443
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 58.063 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 137808

Ion Ratio Lower Upper

156 100

77 210.9 107.3 321.8

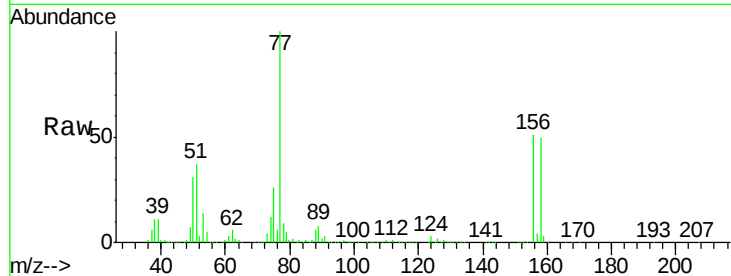
158 96.5 49.0 147.0

Manual Integrations

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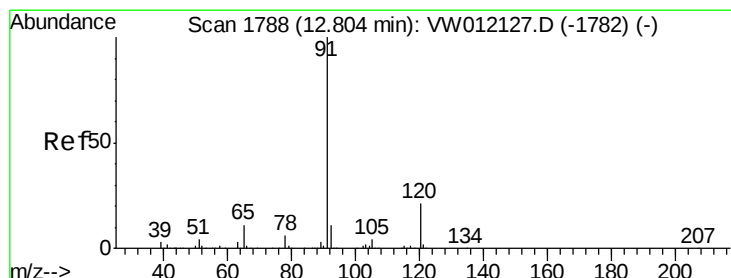
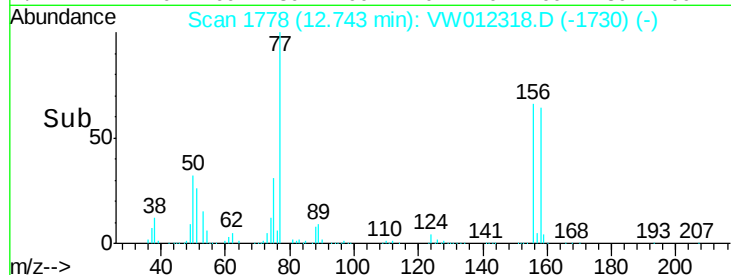
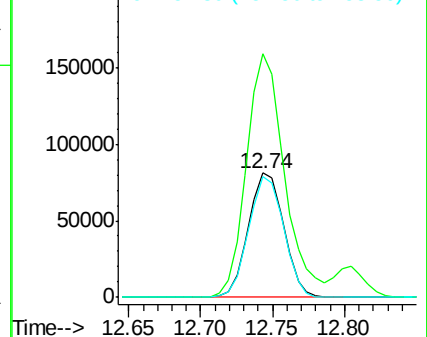
8/30/2019 11:41:34 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.983 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012318.D

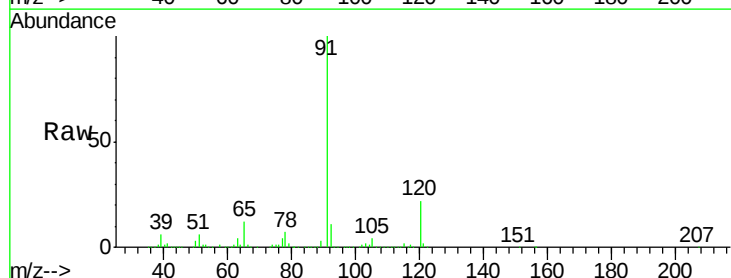
Acq: 29 Aug 2019 22:04

Tgt Ion: 91 Resp: 763185

Ion Ratio Lower Upper

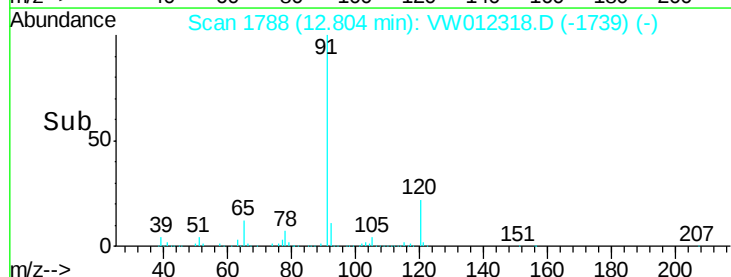
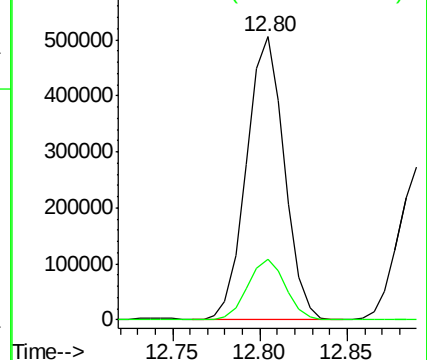
91 100

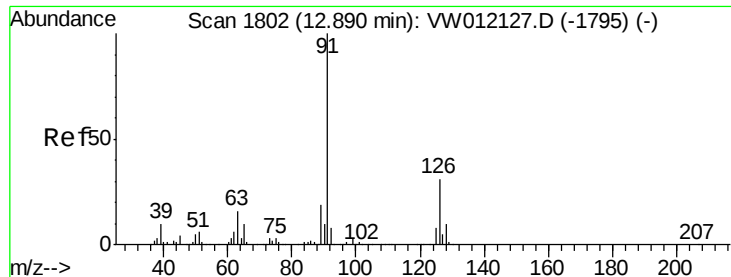
120 21.6 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 57.336 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012318.D

Acq: 29 Aug 2019 22:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 435974

Ion Ratio Lower Upper

91 100

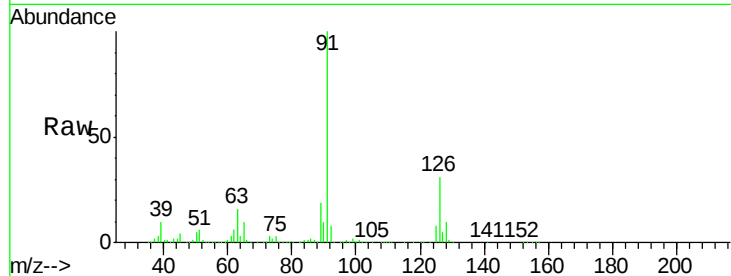
126 31.0 15.7 47.0

Manual Integrations

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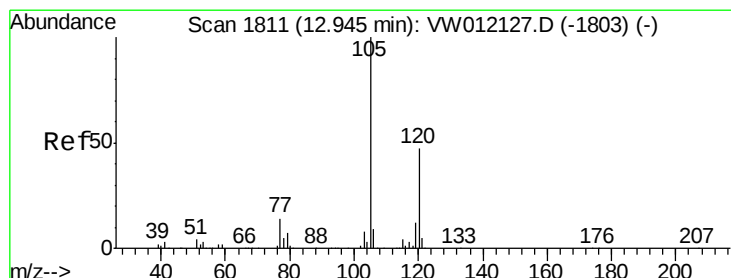
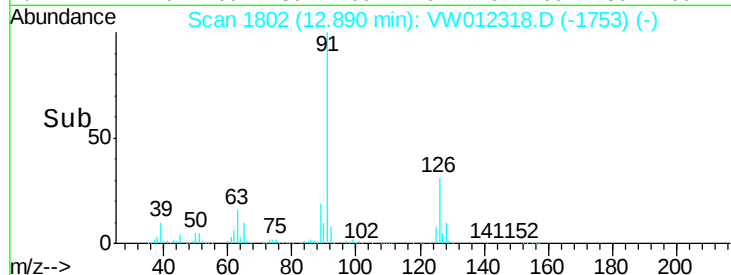
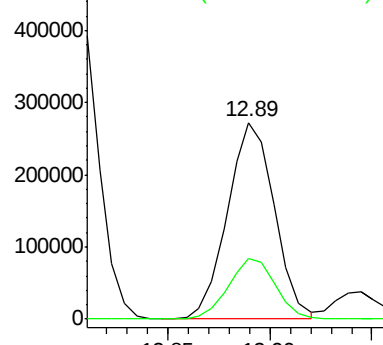
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 58.202 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012318.D

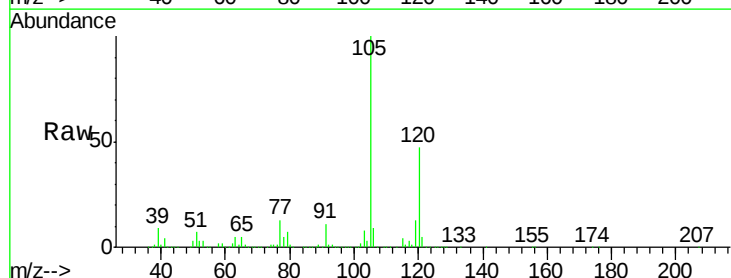
Acq: 29 Aug 2019 22:04

Tgt Ion:105 Resp: 533547

Ion Ratio Lower Upper

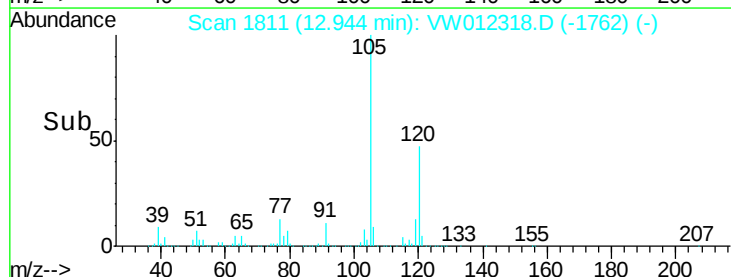
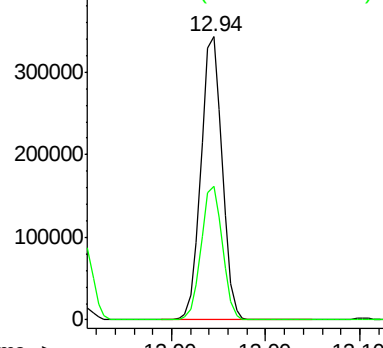
105 100

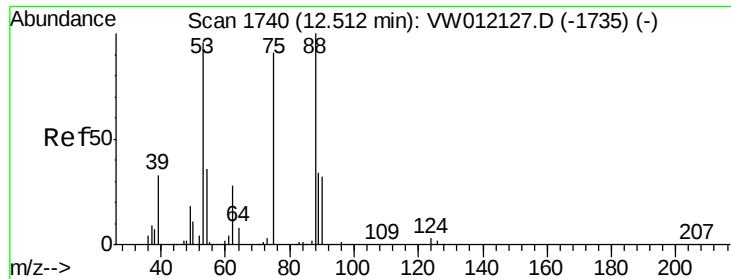
120 47.5 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





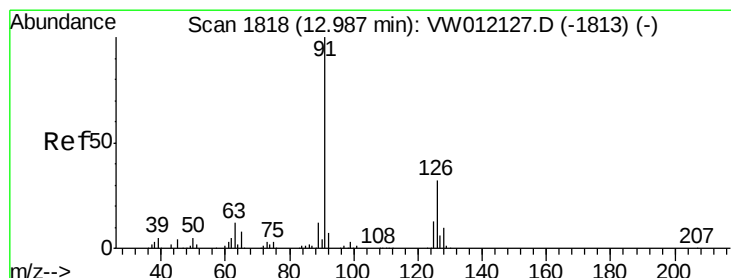
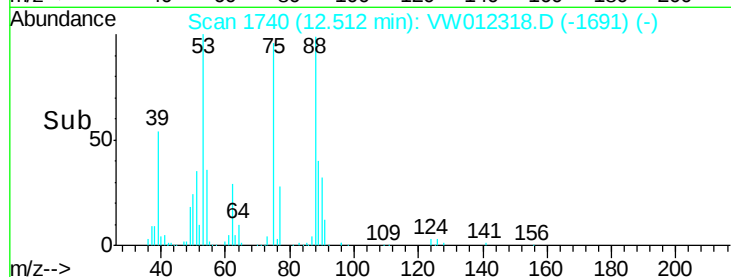
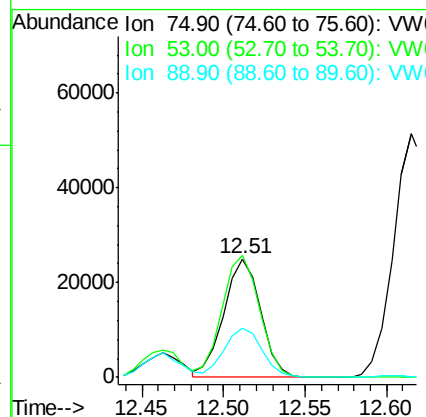
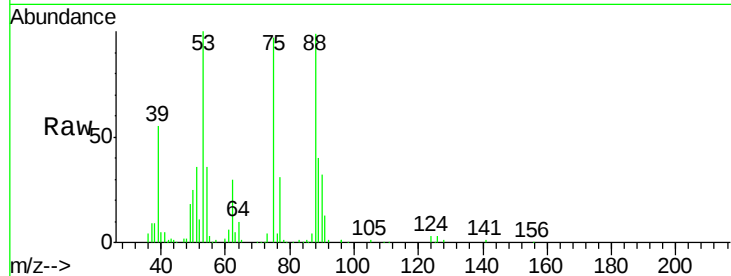
#81
trans-1,4-Dichloro-2-butene
Concen: 60.311 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.3	89.4	134.0
89	42.3	34.5	51.7

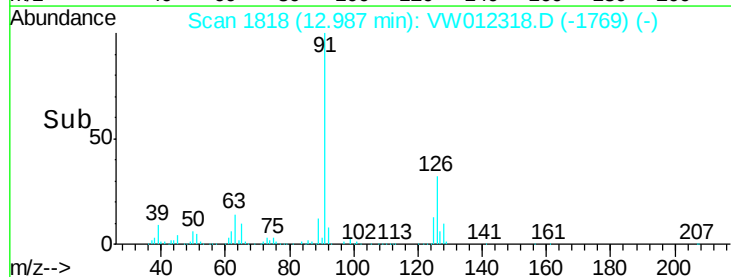
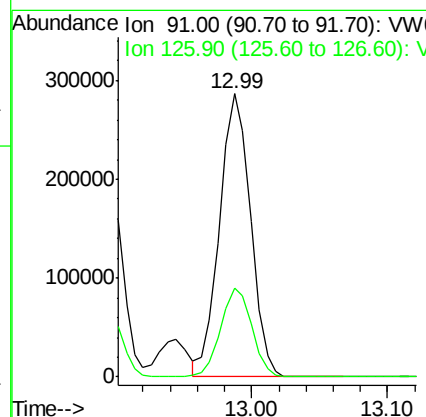
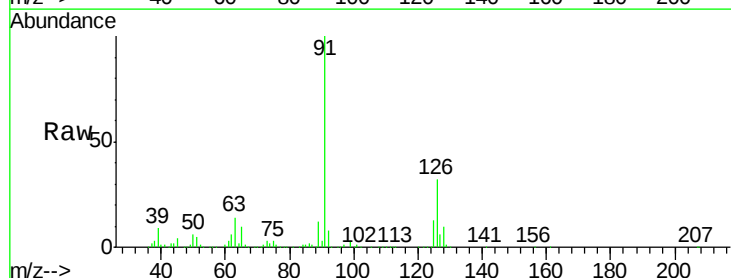
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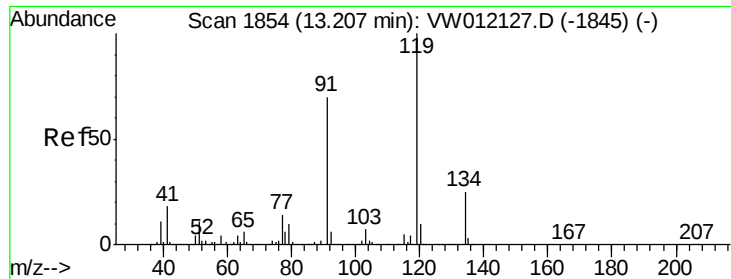
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#82
4-Chlorotoluene
Concen: 56.787 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.6	46.8





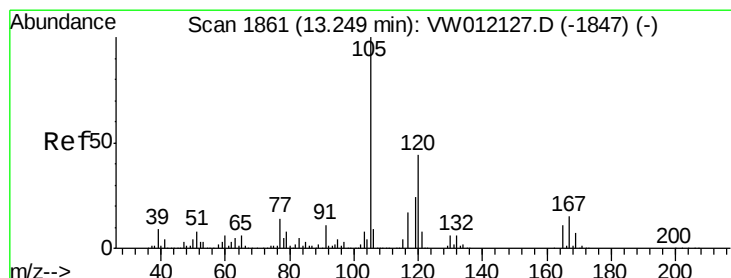
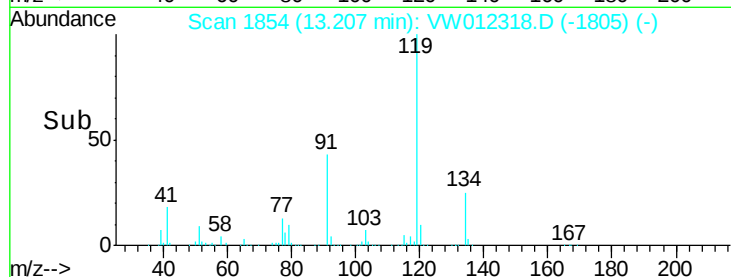
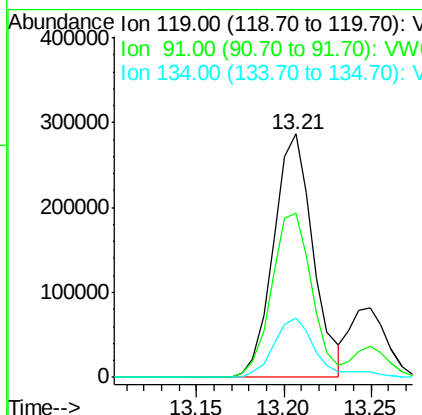
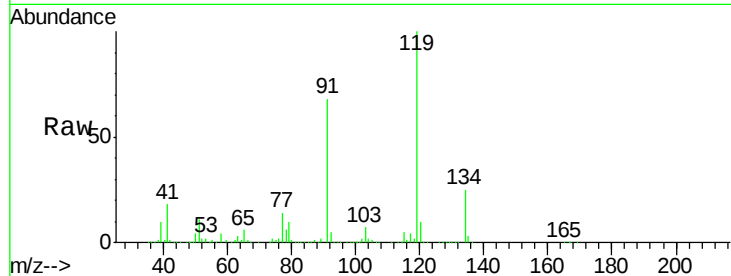
#83
tert-Butylbenzene
Concen: 58.252 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.5	34.8	104.3
134	24.7	13.3	39.8

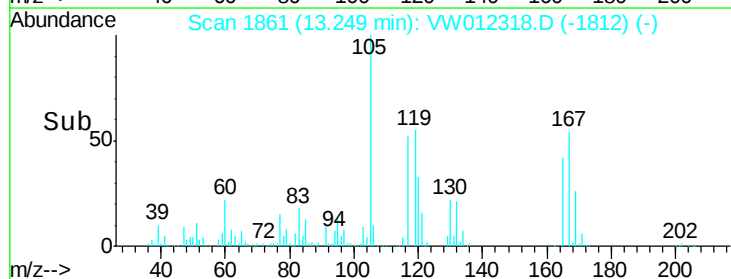
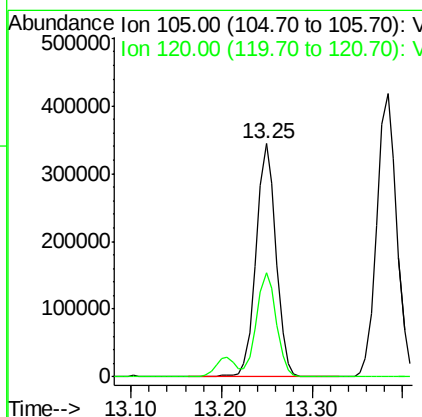
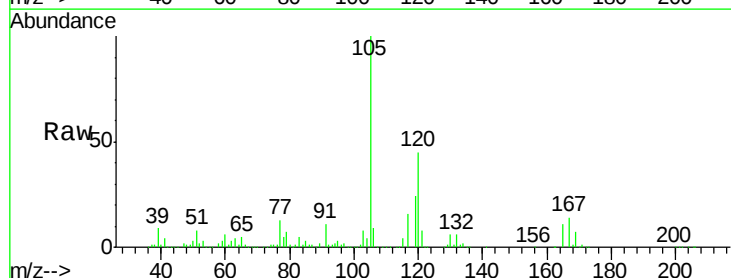
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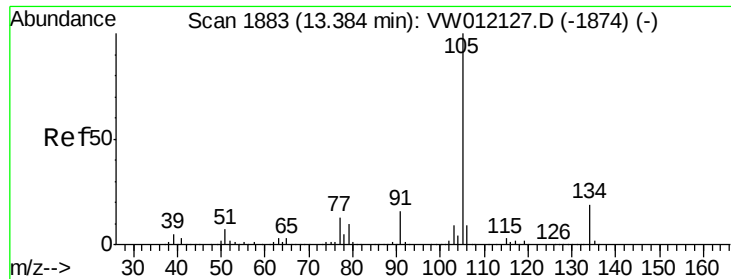
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#84
1,2,4-Trimethylbenzene
Concen: 56.982 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.9	65.7





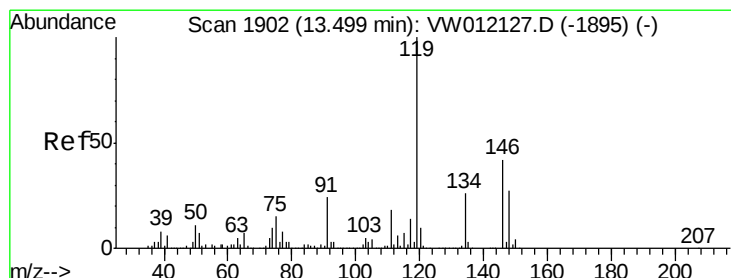
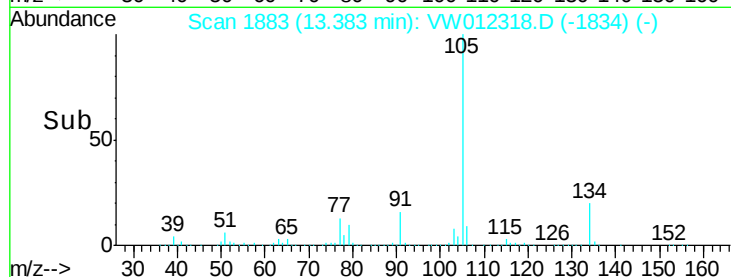
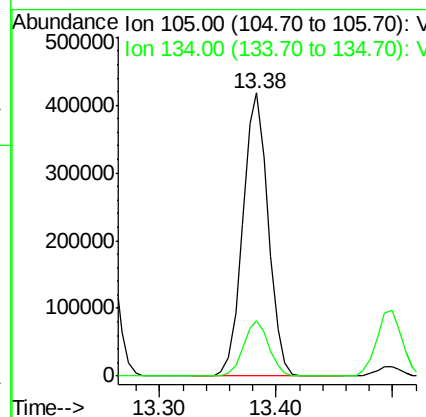
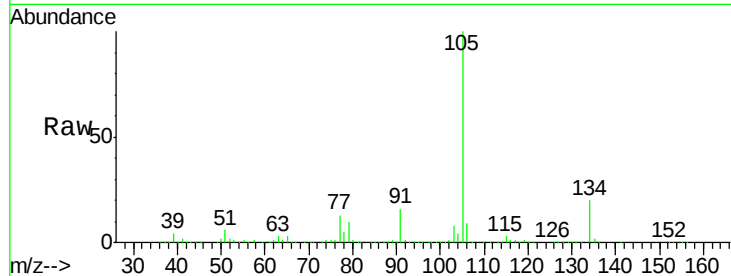
#85
 sec-Butylbenzene
 Concen: 56.936 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.4

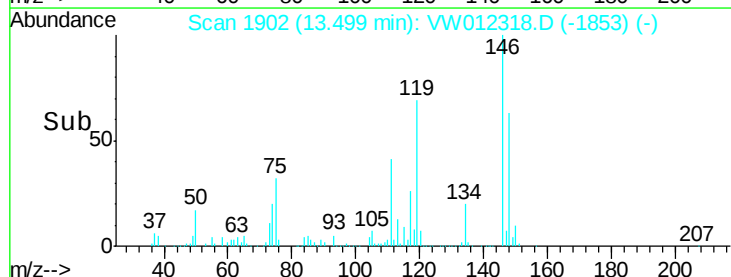
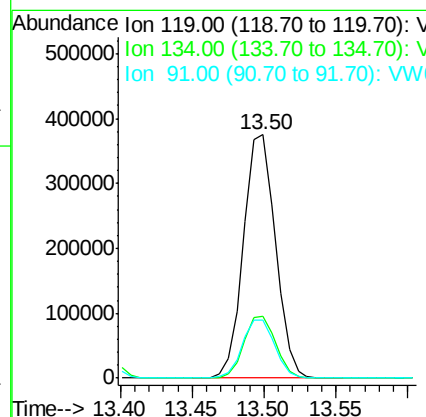
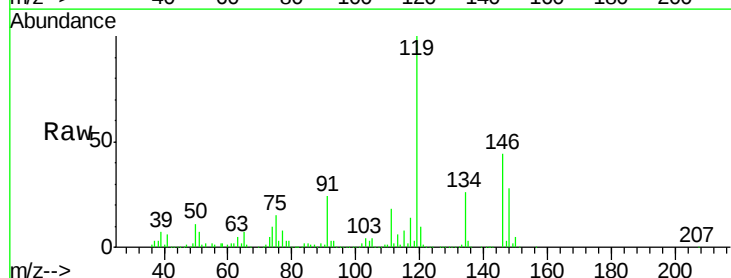
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#86
 p-Isopropyltoluene
 Concen: 58.011 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.8	38.3
91	24.2	12.3	36.9





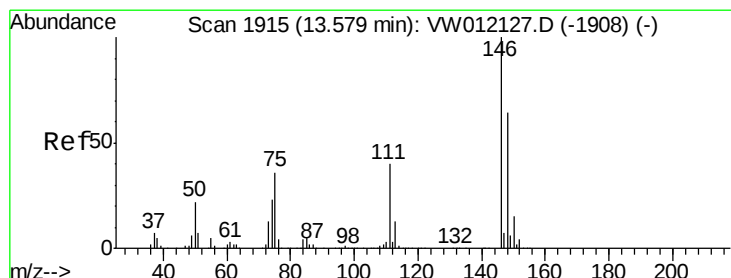
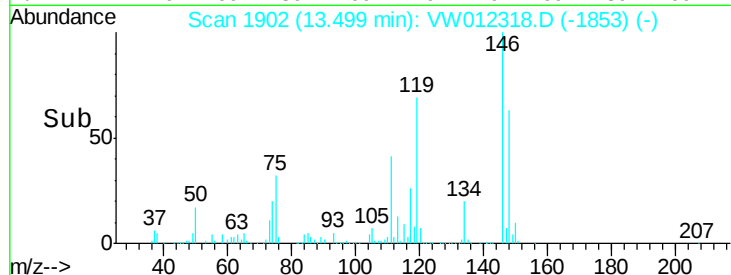
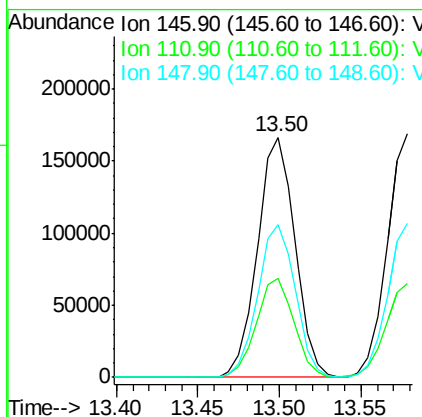
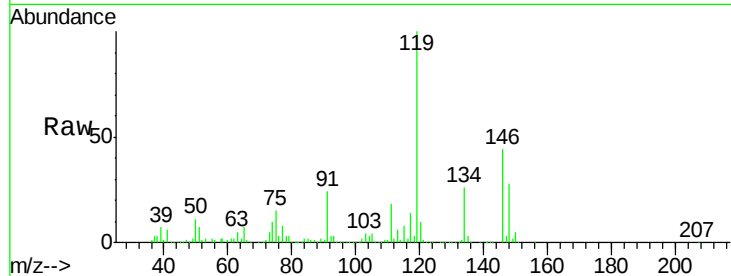
#87
 1,3-Dichlorobenzene
 Concen: 57.359 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.9	62.7
148	64.0	32.2	96.6

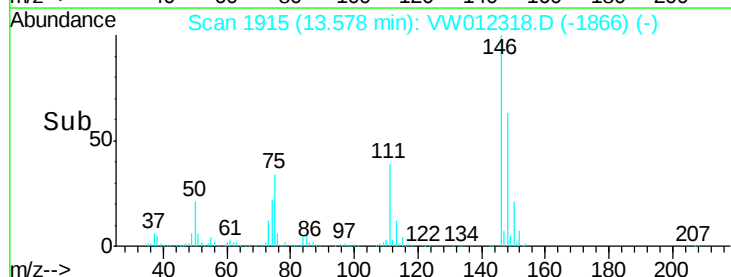
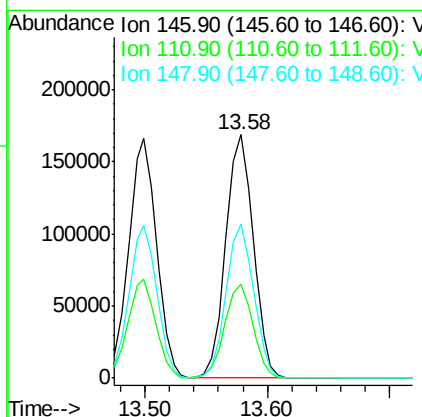
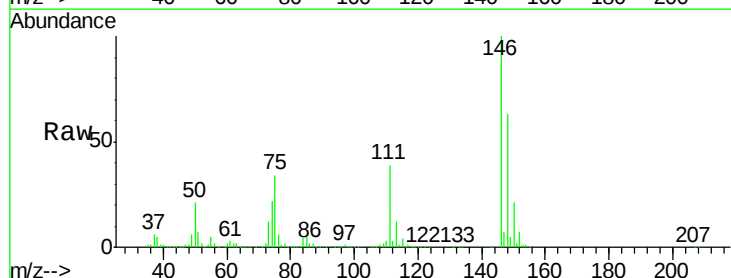
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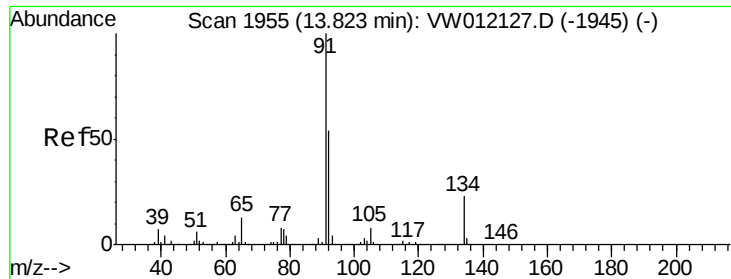
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#88
 1,4-Dichlorobenzene
 Concen: 57.252 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	60.0
148	63.3	32.1	96.3





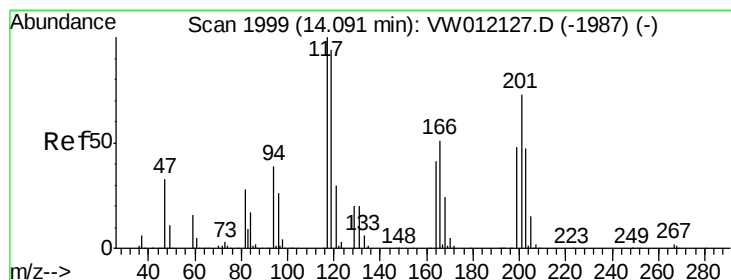
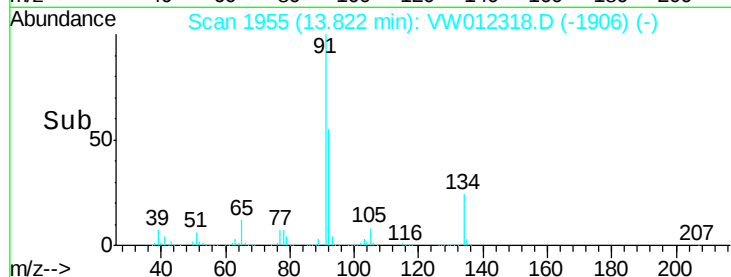
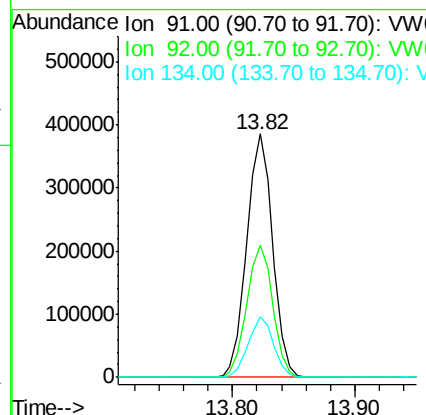
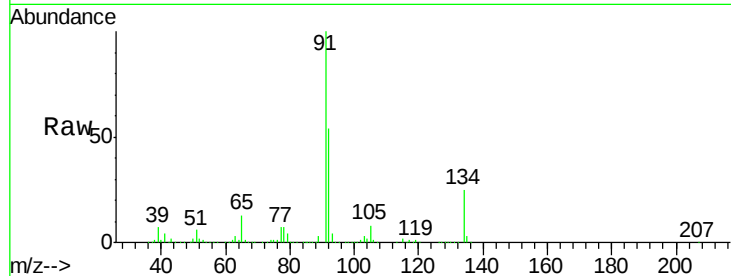
#89
n-Butylbenzene
Concen: 57.297 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	566108		
92	54.6		27.1	81.2
134	24.6		12.2	36.4

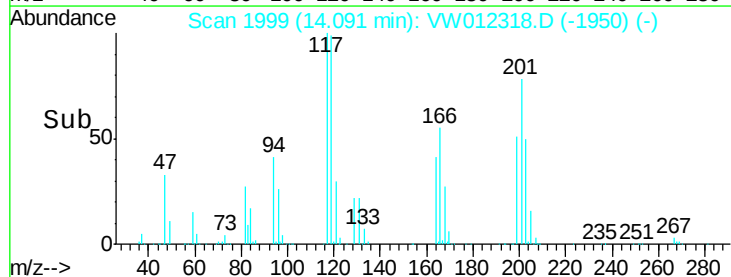
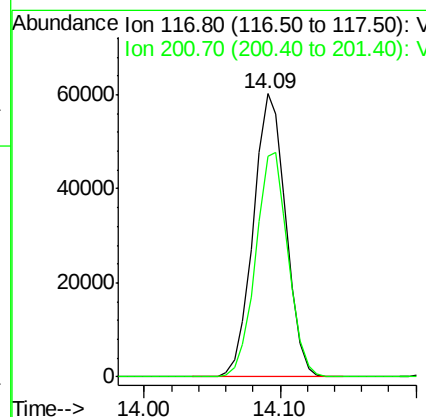
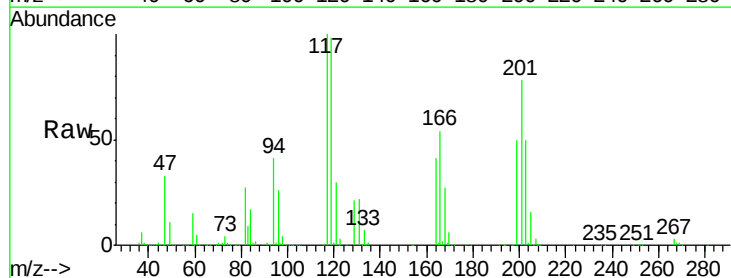
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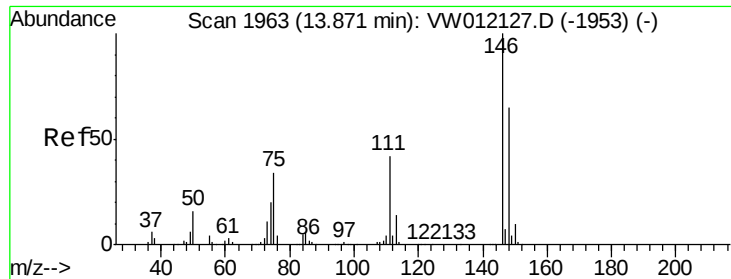
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#90
Hexachloroethane
Concen: 57.713 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	100602		
201	79.1		38.6	115.7





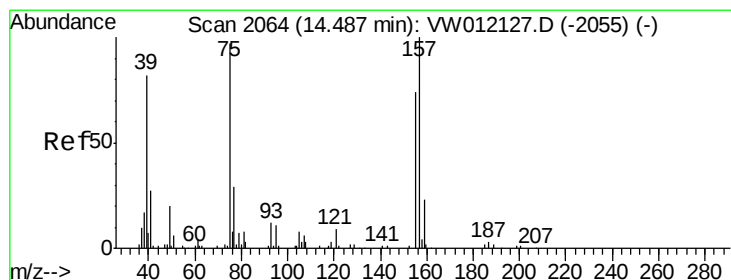
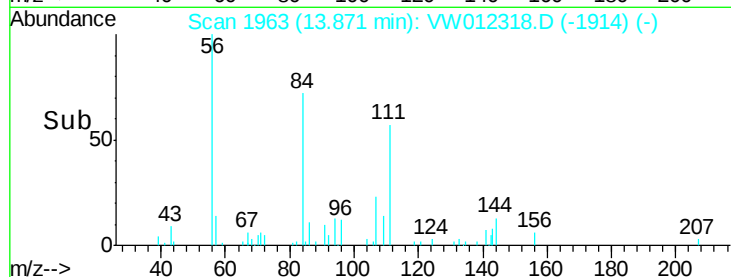
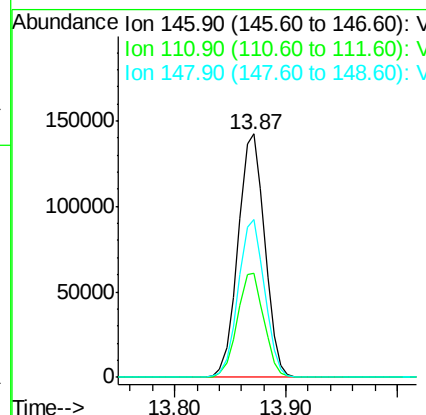
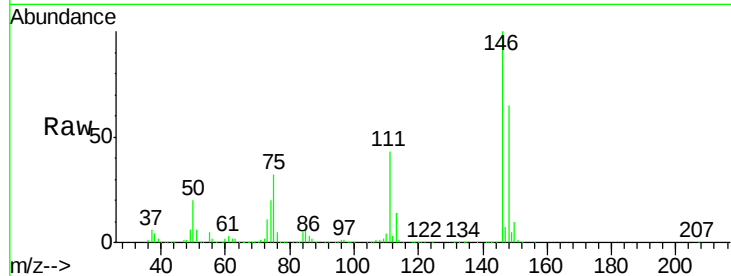
#91
 1,2-Dichlorobenzene
 Concen: 57.883 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	235729		
111	42.5		21.2	63.6
148	64.0		32.5	97.4

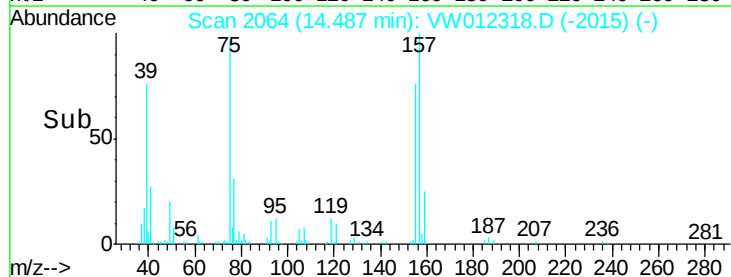
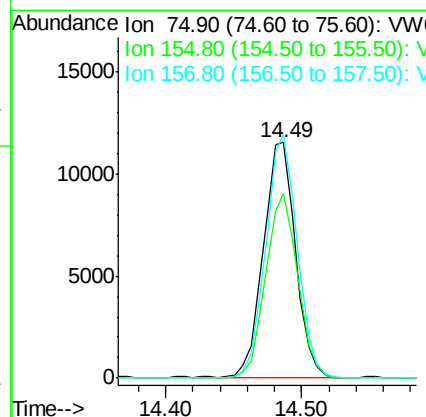
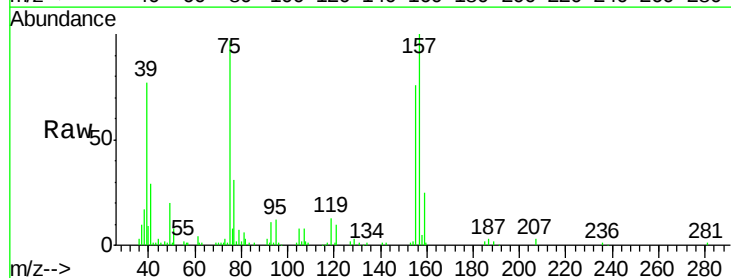
Manual Integrations
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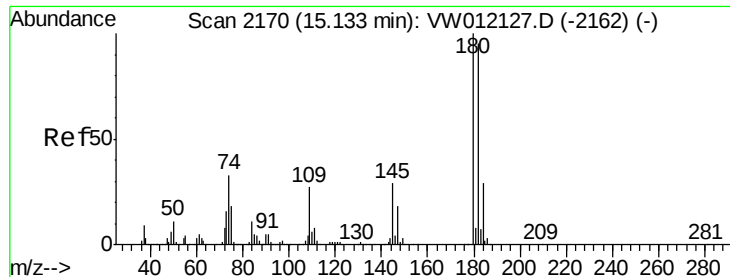
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.941 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19307		
155	77.2		37.5	112.3
157	100.4		50.5	151.5





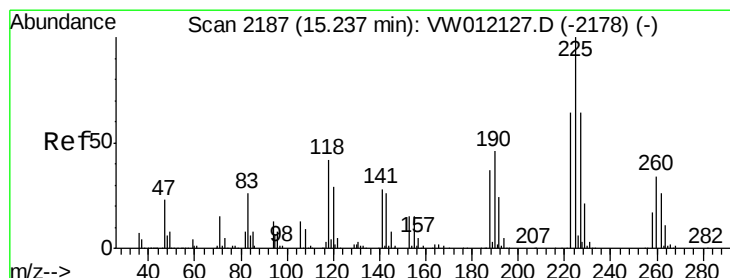
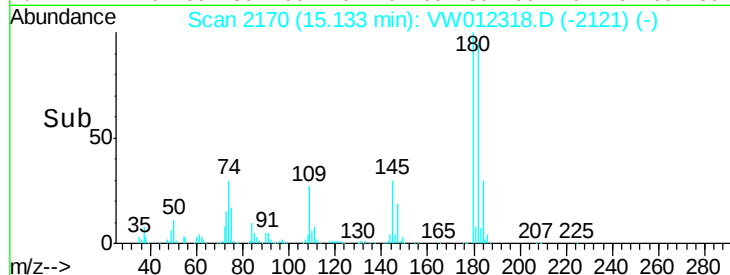
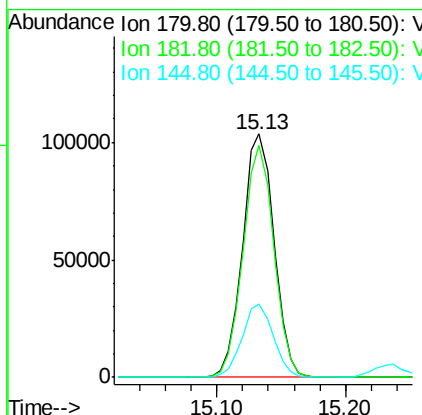
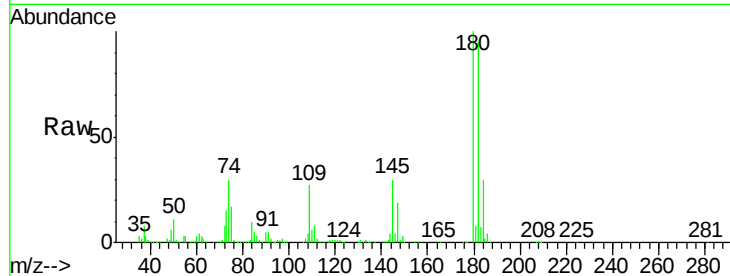
#93
 1,2,4-Trichlorobenzene
 Concen: 61.847 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	174059		
182	93.5	47.8	143.4	
145	29.9	15.0	45.1	

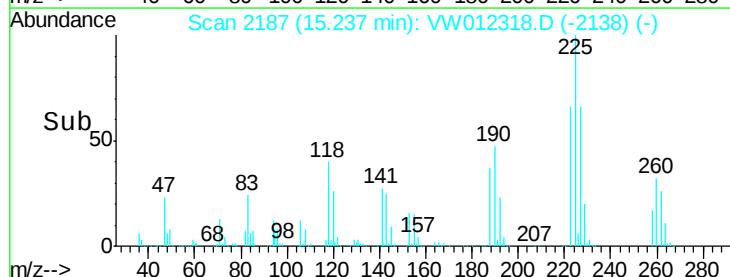
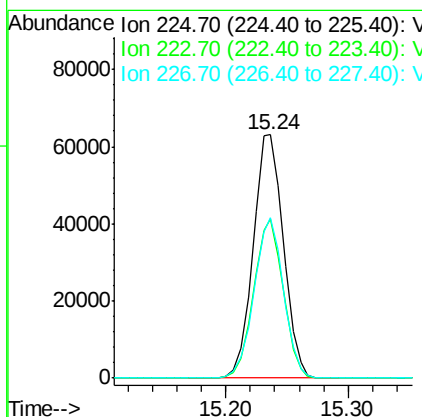
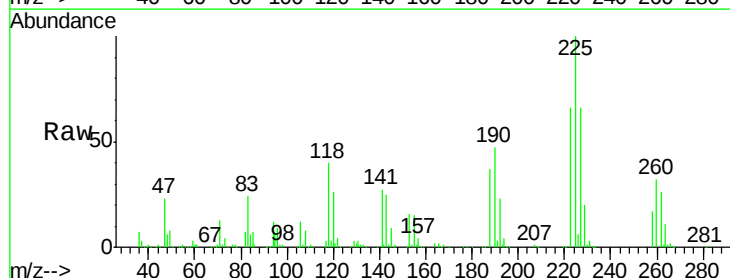
Manual Integrations
 APPROVED

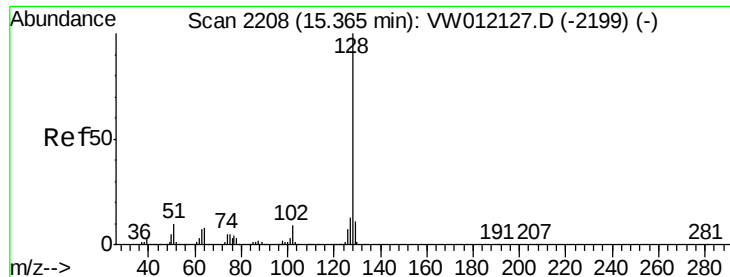
MMDadoda
 8/30/2019 11:41:34 AM



#94
 Hexachlorobutadiene
 Concen: 58.446 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012318.D
 Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108611		
223	63.8	32.3	96.8	
227	63.7	32.9	98.6	





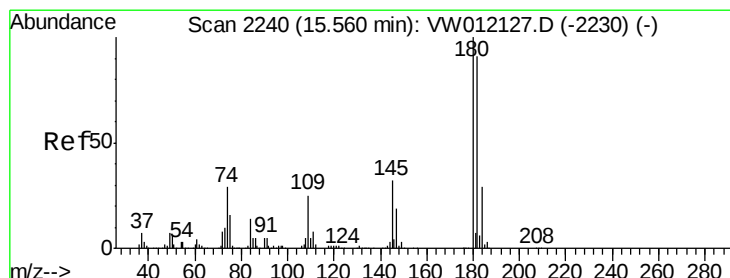
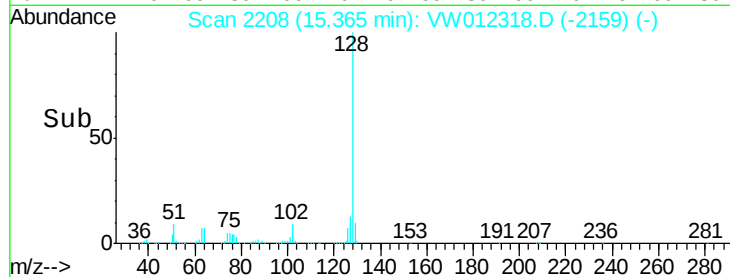
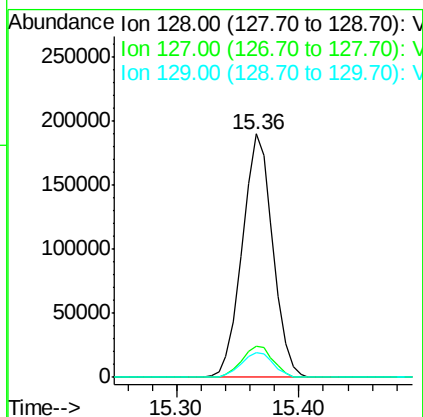
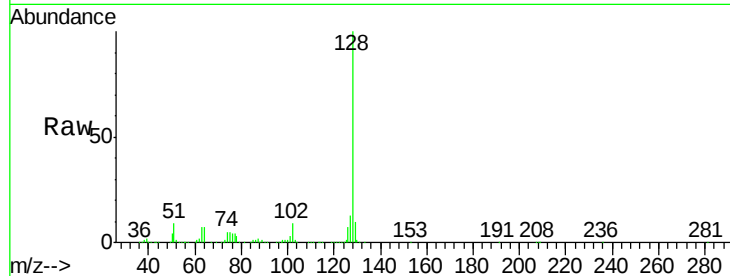
#95
Naphthalene
Concen: 58.663 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/30/2019 11:41:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 61.775 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012318.D
Acq: 29 Aug 2019 22:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.1	141.3
145	32.4	16.2	48.5

