

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013150.D
 Acq On : 19 Sep 2019 08:49
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 11:21:44 AM

Quant Time: Sep 19 09:58:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	456241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	422582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	215079	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	132468	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
35) Dibromofluoromethane	7.88	113	124950	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
50) Toluene-d8	10.32	98	483764	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.62	95	176105	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	31230	27.441	ug/l	87
3) Chloromethane	2.21	50	50161	36.310	ug/l	94
4) Vinyl Chloride	2.36	62	62124	31.339	ug/l	98
5) Bromomethane	2.75	94	49685	41.043	ug/l	94
6) Chloroethane	2.91	64	46426	38.186	ug/l	100
7) Trichlorofluoromethane	3.25	101	41406	29.870	ug/l	93
8) Diethyl Ether	3.68	74	63651	58.806	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	81958	38.982	ug/l	98
10) Methyl Iodide	4.26	142	137858	52.394	ug/l	94
11) Tert butyl alcohol	5.16	59	48278	282.384	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	77813	40.705	ug/l	90
13) Acrolein	3.89	56	31505	164.690	ug/l	98
14) Allyl chloride	4.66	41	158875	43.778	ug/l	91
15) Acrylonitrile	5.36	53	165020	298.501	ug/l	98
16) Acetone	4.12	43	123929	221.024	ug/l	90
17) Carbon Disulfide	4.38	76	130213	34.180	ug/l	100
18) Methyl Acetate	4.67	43	96853	66.463	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	221920	58.810	ug/l	95
20) Methylene Chloride	4.91	84	120490	59.270	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	97670	47.703	ug/l	97
22) Diisopropyl ether	6.31	45	422971	56.102	ug/l	94
23) Vinyl Acetate	6.25	43	1126606	249.494	ug/l	96
24) 1,1-Dichloroethane	6.21	63	212725	48.937	ug/l	97
25) 2-Butanone	7.17	43	211863	260.491	ug/l	94
26) 2,2-Dichloropropane	7.16	77	101435	35.513	ug/l	92
27) cis-1,2-Dichloroethene	7.17	96	134792	54.989	ug/l	89
28) Bromochloromethane	7.51	49	110473	60.381	ug/l #	92
29) Tetrahydrofuran	7.53	42	136488	294.526	ug/l	96
30) Chloroform	7.67	83	223806	50.672	ug/l	98
31) Cyclohexane	7.95	56	127797	38.158	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	150958	41.503	ug/l	96
36) 1,1-Dichloropropene	8.08	75	131593	36.095	ug/l	97
37) Ethyl Acetate	7.25	43	91357	47.210	ug/l	96
38) Carbon Tetrachloride	8.07	117	127975	34.254	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	136911	34.271	ug/l	96
40) Benzene	8.32	78	462623	45.454	ug/l	98
41) Methacrylonitrile	7.48	41	60321	47.335	ug/l	90
42) 1,2-Dichloroethane	8.40	62	149399	43.789	ug/l	95
43) Isopropyl Acetate	8.42	43	178345	48.000	ug/l	96
44) Trichloroethene	9.09	130	121822	43.699	ug/l	94
45) 1,2-Dichloropropane	9.37	63	134526	49.749	ug/l	100
46) Dibromomethane	9.46	93	66516	51.343	ug/l	98
47) Bromodichloromethane	9.64	83	171888	47.301	ug/l	98
48) Methyl methacrylate	9.43	41	90151	51.699	ug/l	91
49) 1,4-Dioxane	9.45	88	23055	1062.050	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	474620	247.426	ug/l	95
52) Toluene	10.39	92	304547	47.090	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	169847	46.474	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	198839	47.550	ug/l #	90
55) 1,1,2-Trichloroethane	10.79	97	107211	54.323	ug/l	97
56) Ethyl methacrylate	10.65	69	146340	55.088	ug/l	89
57) 1,3-Dichloropropane	10.93	76	185740	53.054	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	430125	301.837	ug/l	97
59) 2-Hexanone	10.97	43	321982	241.061	ug/l	94
60) Dibromochloromethane	11.13	129	122091	51.169	ug/l	98
61) 1,2-Dibromoethane	11.23	107	97621	54.223	ug/l	99
64) Tetrachloroethene	10.86	164	121673	48.399	ug/l	99
65) Chlorobenzene	11.66	112	347845	46.212	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	135420	46.947	ug/l	98
67) Ethyl Benzene	11.73	91	596795	42.929	ug/l	99
68) m/p-Xylenes	11.84	106	450107	88.630	ug/l	95
69) o-Xylene	12.16	106	220990	46.415	ug/l	96
70) Styrene	12.18	104	411285	48.560	ug/l	96
71) Bromoform	12.35	173	75726	49.979	ug/l #	98
73) Isopropylbenzene	12.46	105	596698	41.856	ug/l	100
74) N-amyl acetate	12.27	43	162745	44.378	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	128837	51.455	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	80893m	42.939	ug/l	
77) Bromobenzene	12.74	156	160444	48.853	ug/l	93
78) n-propylbenzene	12.80	91	672879	40.125	ug/l	98
79) 2-Chlorotoluene	12.89	91	414420	42.990	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	507795	42.104	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	35043	42.196	ug/l	92
82) 4-Chlorotoluene	12.99	91	435011	42.769	ug/l	96
83) tert-Butylbenzene	13.21	119	446936	41.430	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	519928	43.626	ug/l	96
85) sec-Butylbenzene	13.38	105	591961	40.276	ug/l	99
86) p-Isopropyltoluene	13.50	119	551191	40.846	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	294650	45.321	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	296449	46.400	ug/l	98
89) n-Butylbenzene	13.82	91	482359	37.903	ug/l	98
90) Hexachloroethane	14.09	117	98762	40.841	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	277814	48.591	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18714	40.832	ug/l	86

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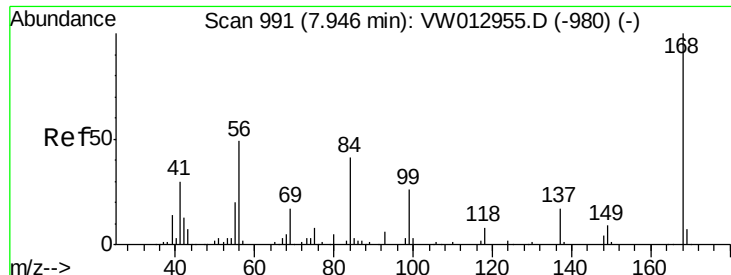
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	193608	47.483	ug/l	99
94) Hexachlorobutadiene	15.24	225	110820	38.392	ug/l	99
95) Naphthalene	15.36	128	363546	53.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	175866	48.792	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: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 276947

Ion Ratio Lower Upper

168 100

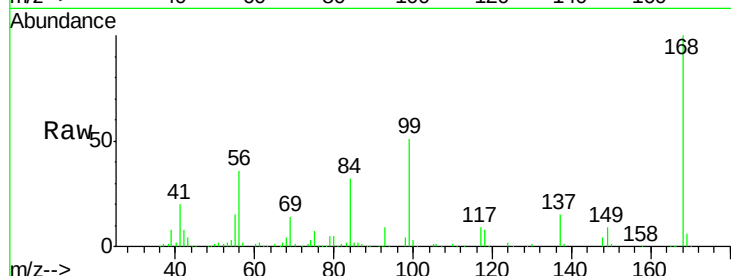
99 51.5 46.2 69.2

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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

150000

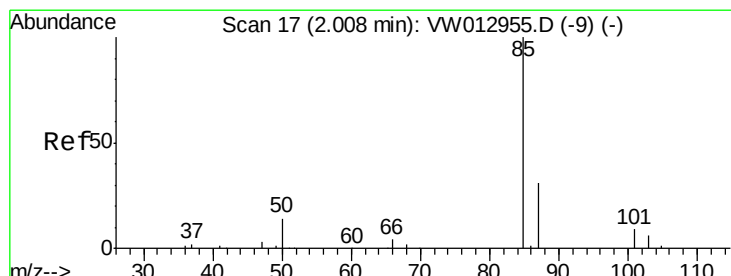
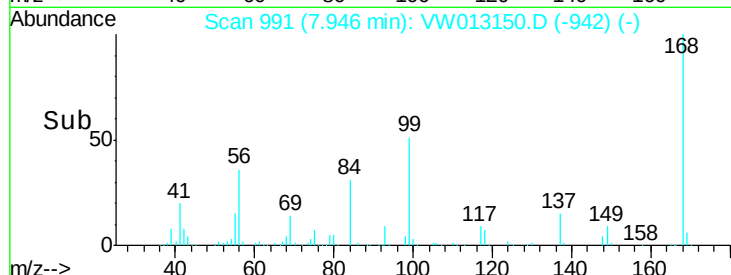
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50000

0

Time-->

7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 27.441 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013150.D

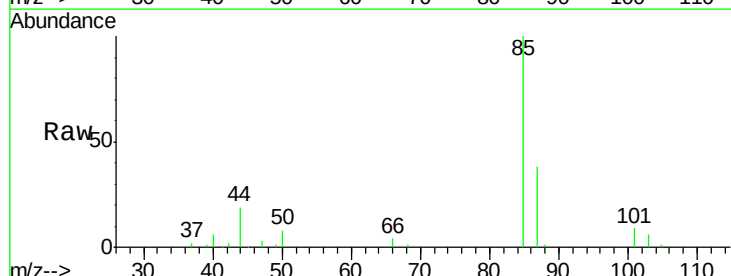
Acq: 19 Sep 2019 08:49

Tgt Ion: 85 Resp: 31230

Ion Ratio Lower Upper

85 100

87 37.8 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

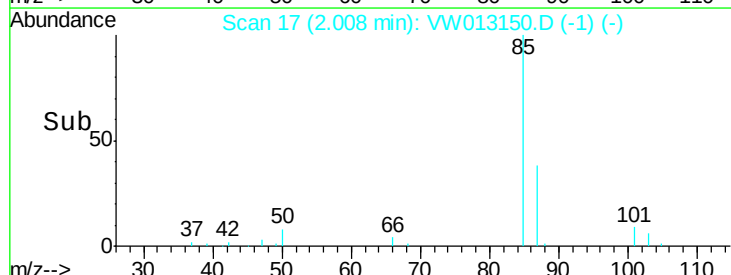
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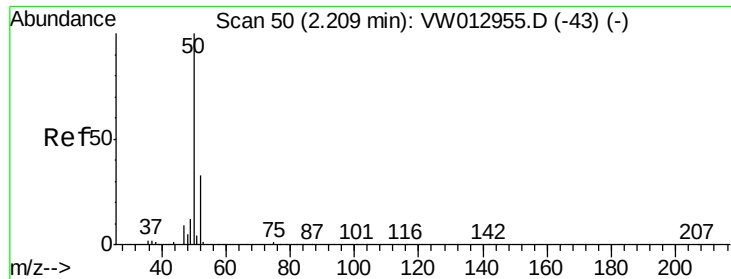
5000

0

Time-->

1.90 2.00 2.10





#3

Chloromethane

Concen: 36.310 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 50161

Ion Ratio Lower Upper

50 100

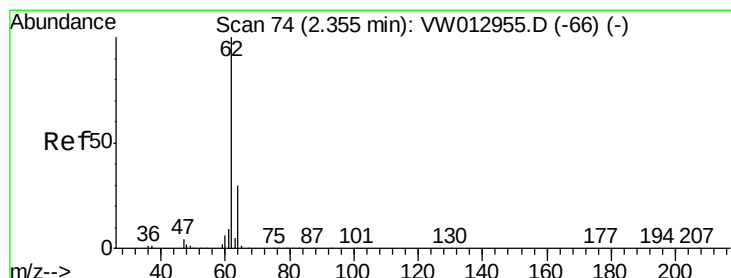
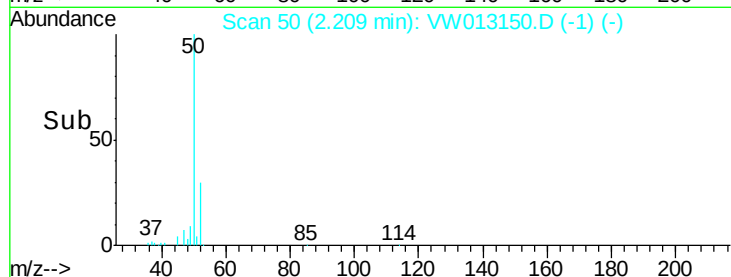
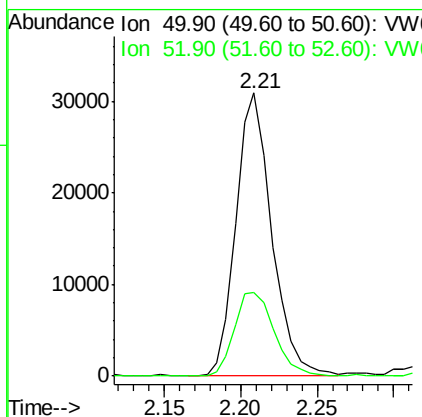
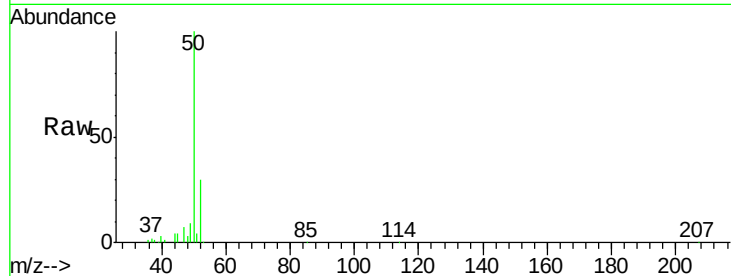
52 29.7 26.6 39.8

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#4

Vinyl Chloride

Concen: 31.339 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW013150.D

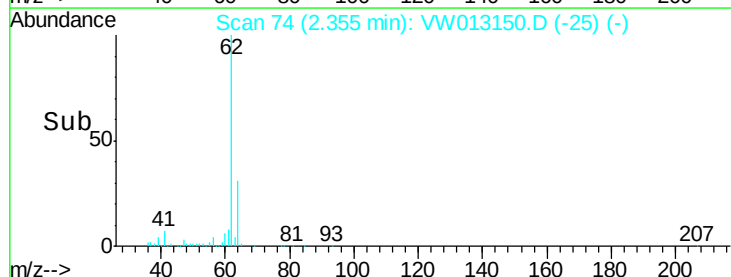
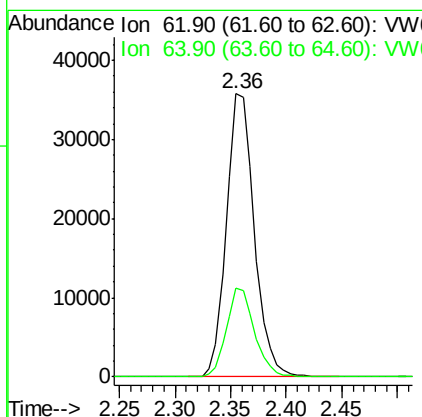
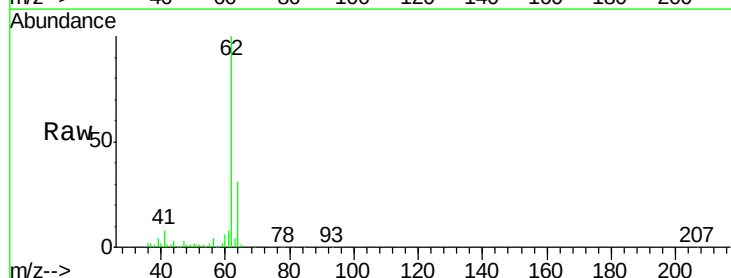
Acq: 19 Sep 2019 08:49

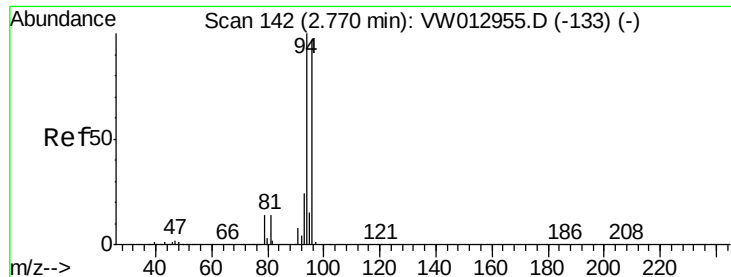
Tgt Ion: 62 Resp: 62124

Ion Ratio Lower Upper

62 100

64 31.2 24.2 36.4





#5

Bromomethane

Concen: 41.043 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 49685

Ion Ratio Lower Upper

94 100

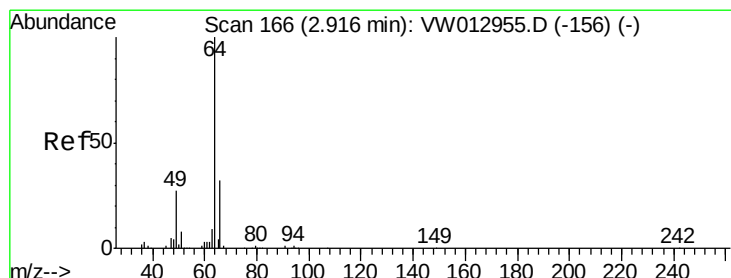
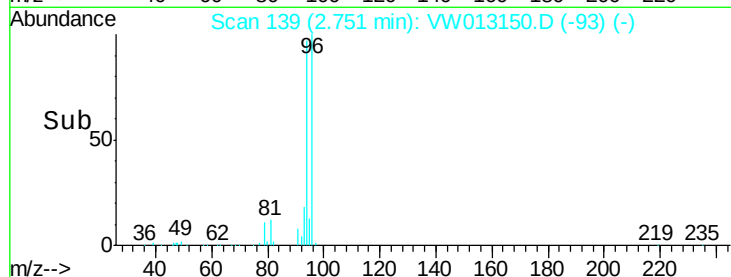
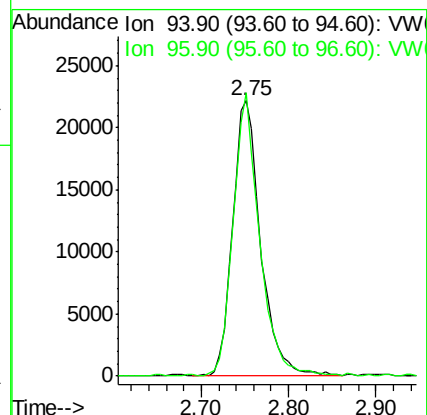
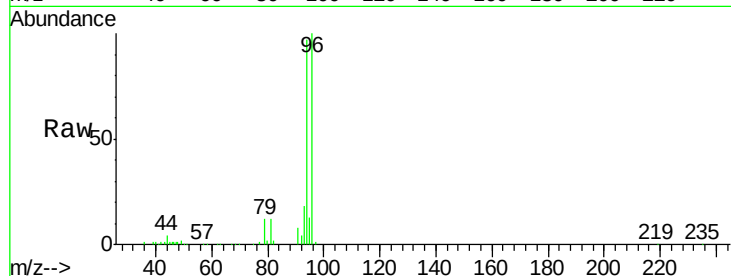
96 102.7 77.8 116.6

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#6

Chloroethane

Concen: 38.186 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW013150.D

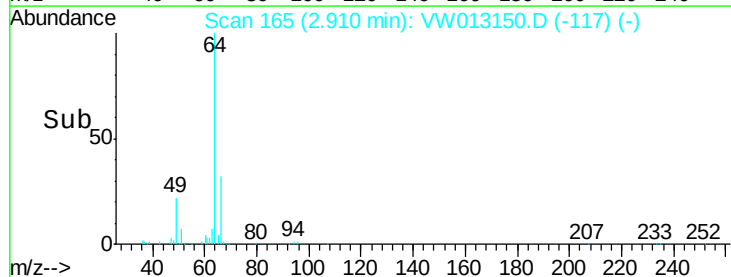
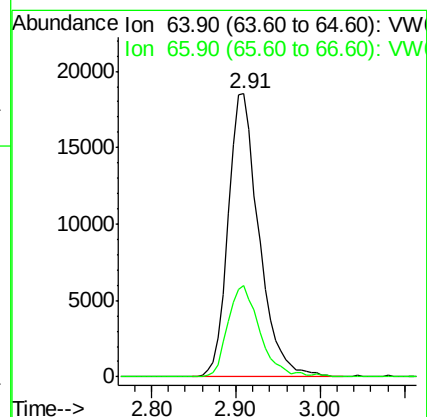
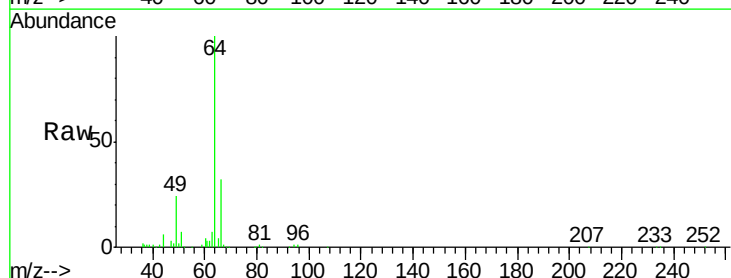
Acq: 19 Sep 2019 08:49

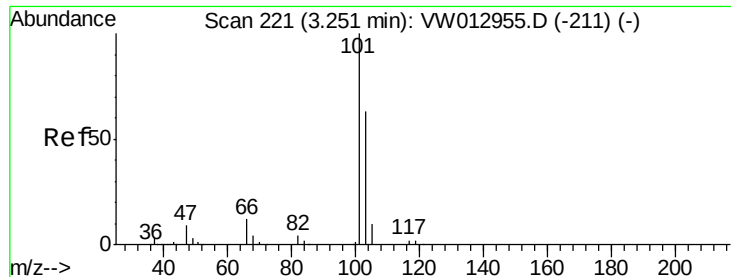
Tgt Ion: 64 Resp: 46426

Ion Ratio Lower Upper

64 100

66 32.4 25.9 38.9





#7

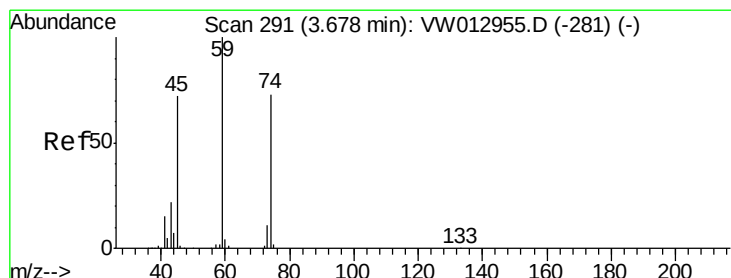
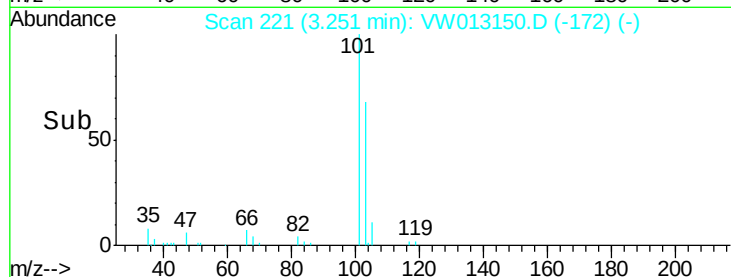
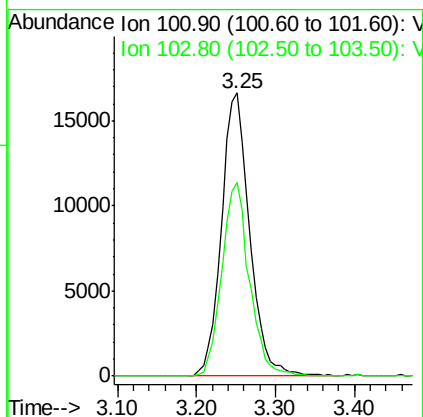
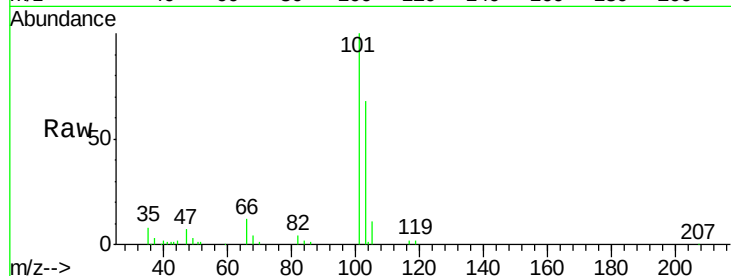
Trichlorofluoromethane
 Concen: 29.870 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.5	50.7	76.1

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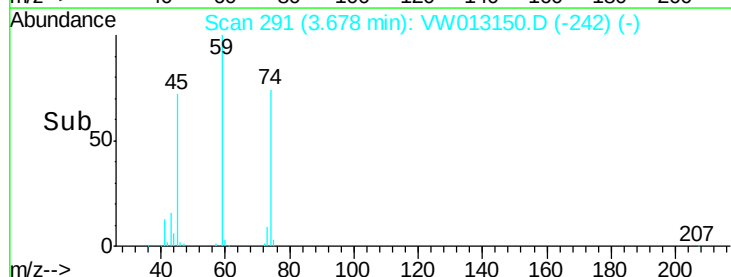
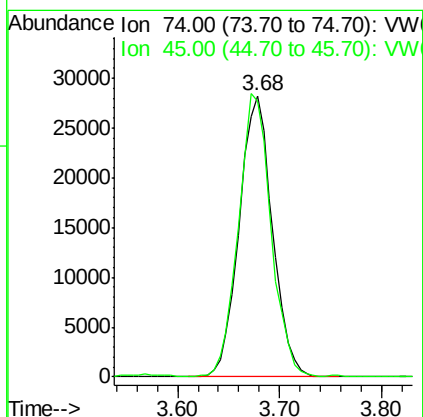
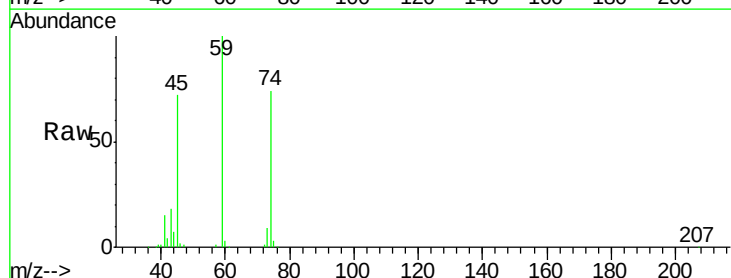
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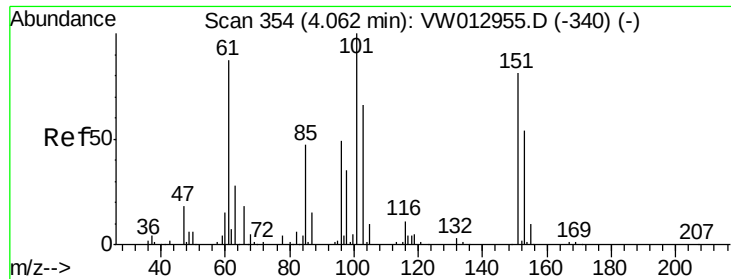


#8

Diethyl Ether
 Concen: 58.806 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.2	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 38.982 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

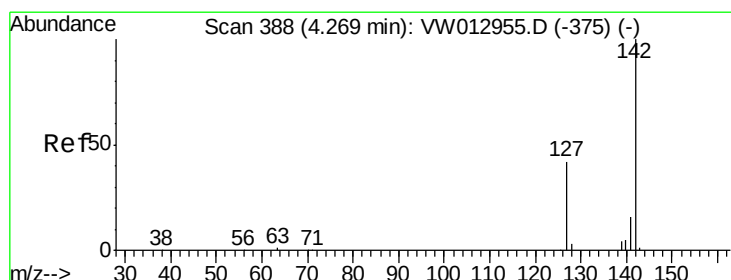
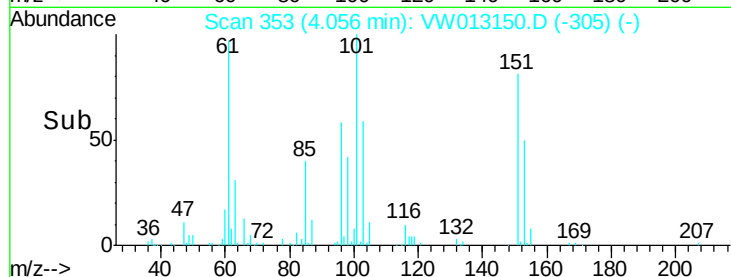
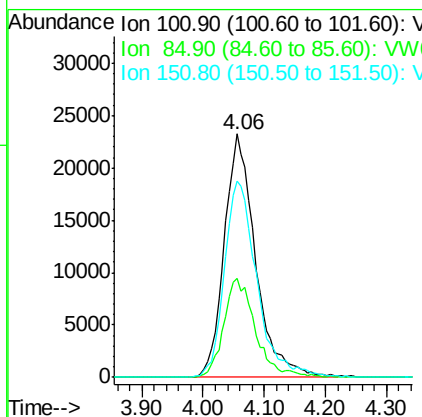
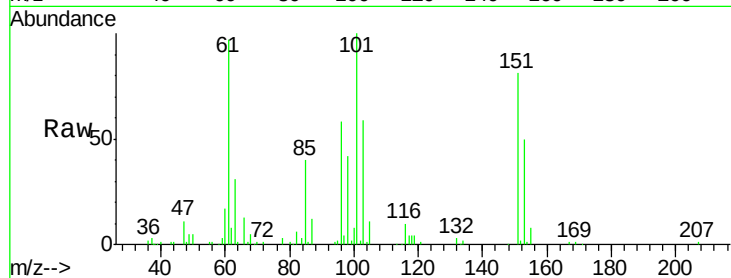
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	81958
Ion Ratio	Lower	Upper	
101	100		
85	41.1	34.9	52.3
151	83.9	66.0	99.0

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#10

Methyl Iodide

Concen: 52.394 ug/l

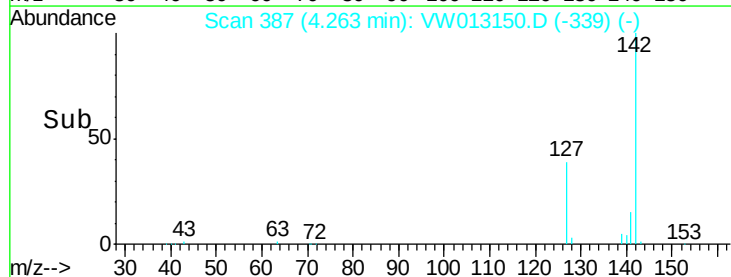
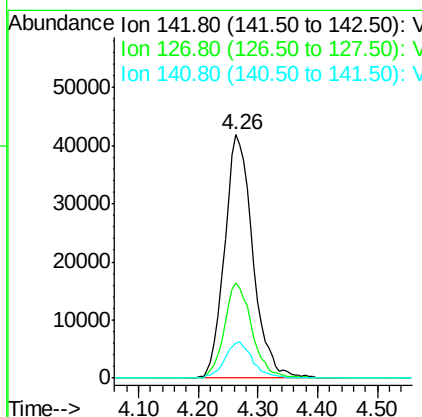
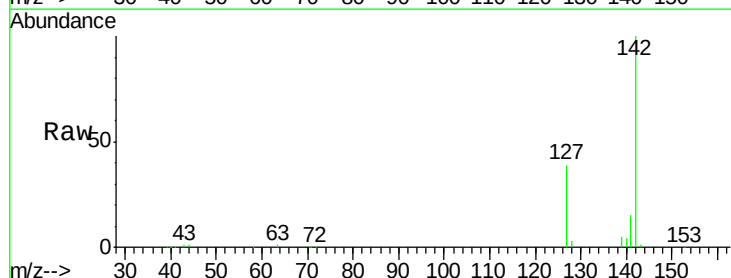
RT: 4.26 min Scan# 387

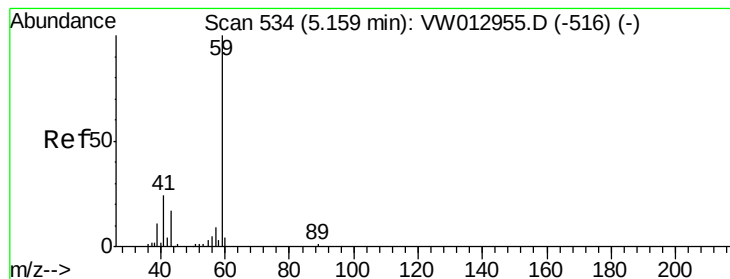
Delta R.T. -0.01 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Tgt Ion:	142	Resp:	137858
Ion Ratio	Lower	Upper	
142	100		
127	38.2	34.7	52.1
141	14.7	12.2	18.2





#11

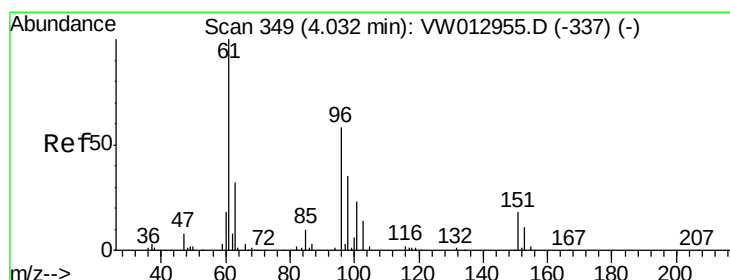
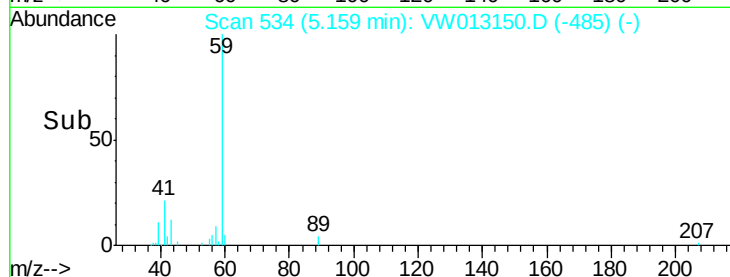
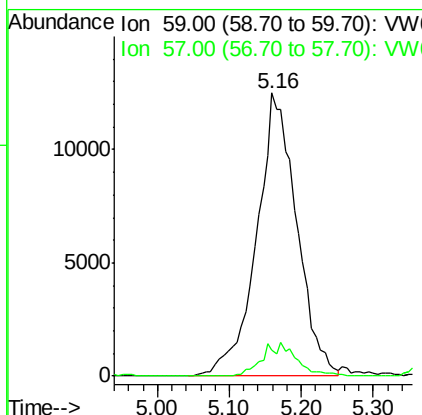
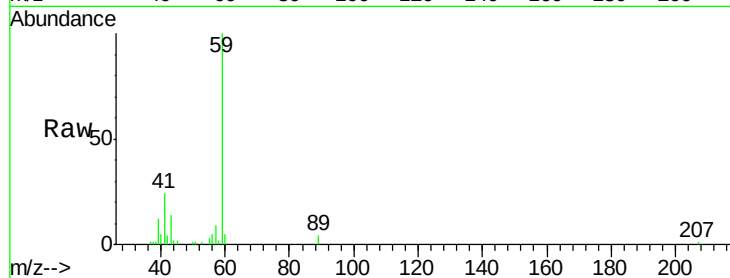
Tert butyl alcohol
 Concen: 282.384 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	48278
Ion Ratio	100	Lower	Upper
57	4.7	8.5	12.7#

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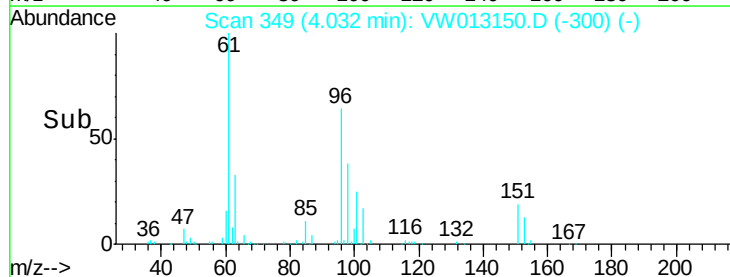
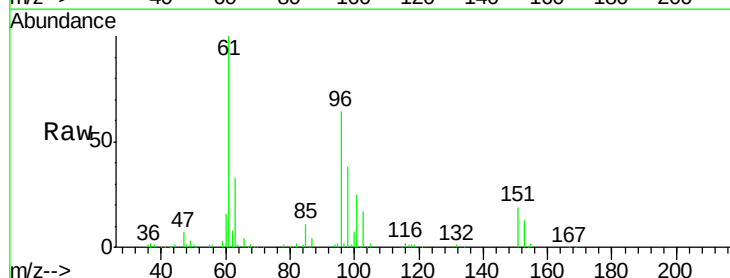
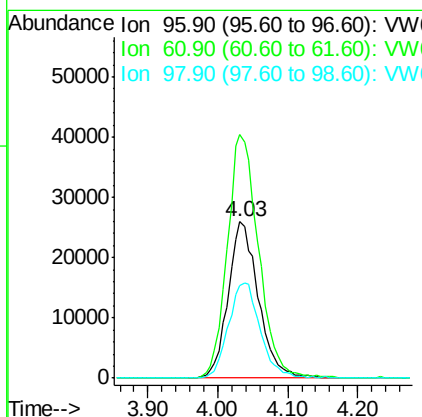
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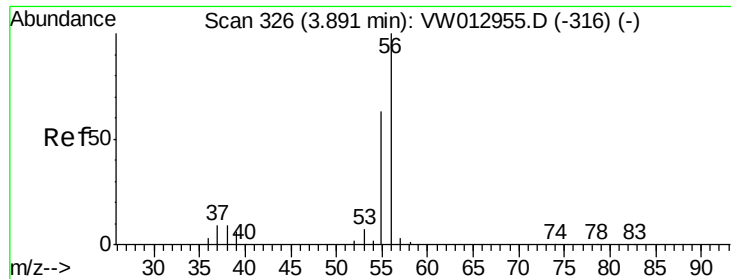


#12

1,1-Dichloroethene
 Concen: 40.705 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Tgt Ion	96	Resp	77813
Ion Ratio	100	Lower	Upper
61	155.6	137.9	206.9
98	58.9	48.9	73.3





#13

Acrolein

Concen: 164.690 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 31505

Ion Ratio Lower Upper

56 100

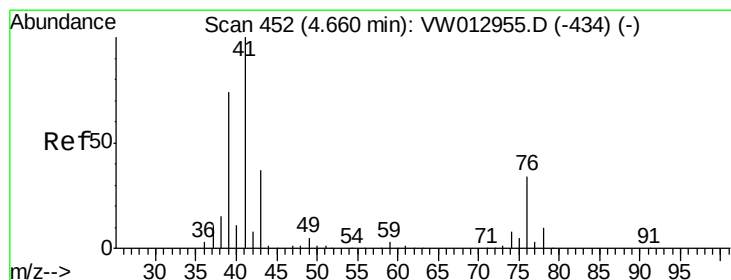
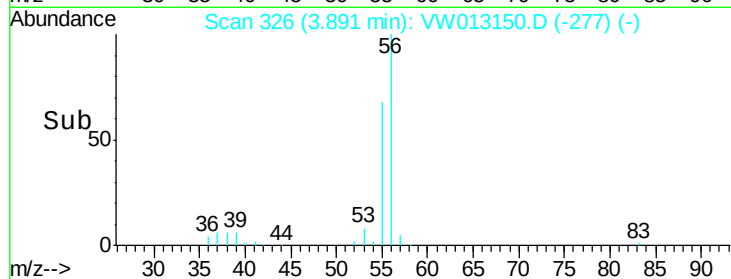
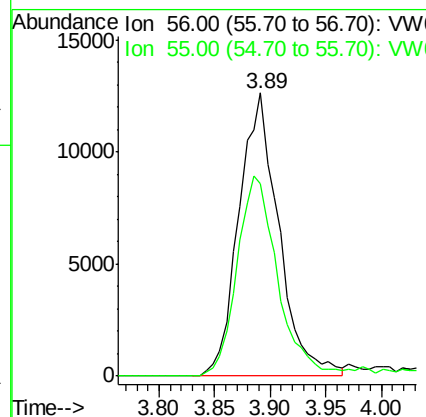
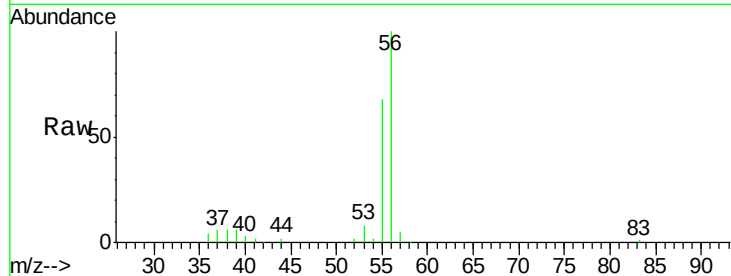
55 71.1 55.8 83.8

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#14

Allyl chloride

Concen: 43.778 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

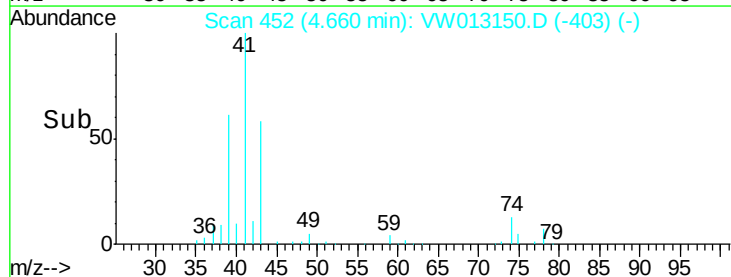
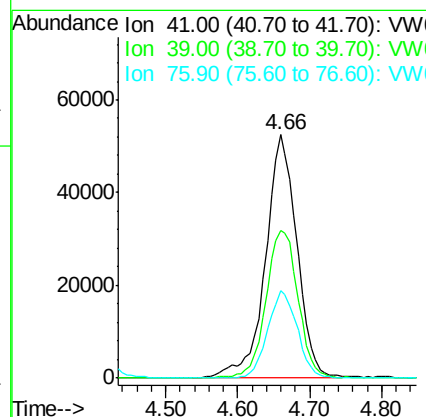
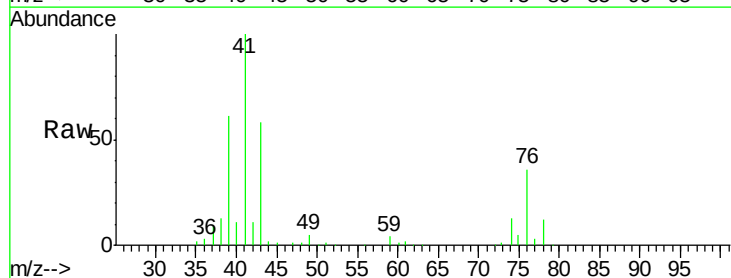
Tgt Ion: 41 Resp: 158875

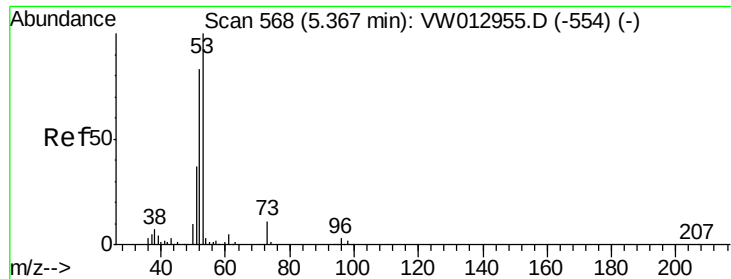
Ion Ratio Lower Upper

41 100

39 61.9 56.7 85.1

76 33.7 25.1 37.7





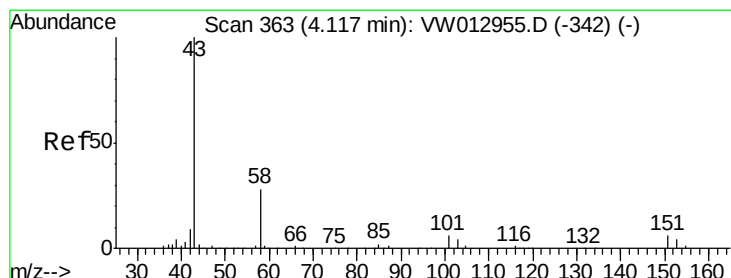
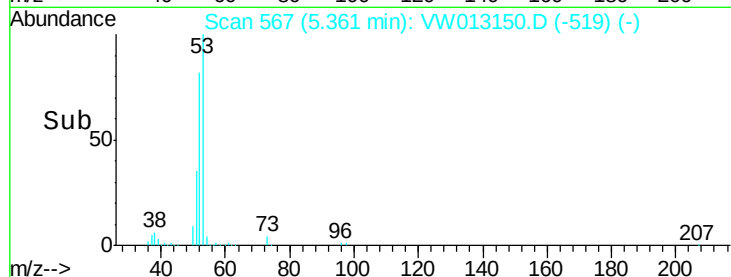
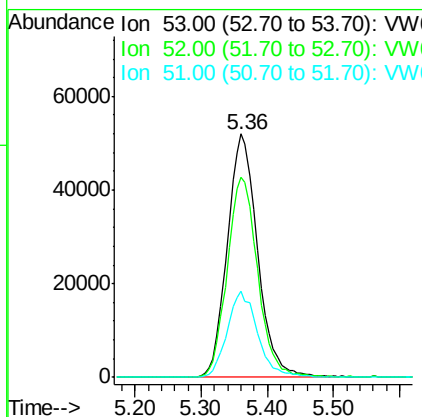
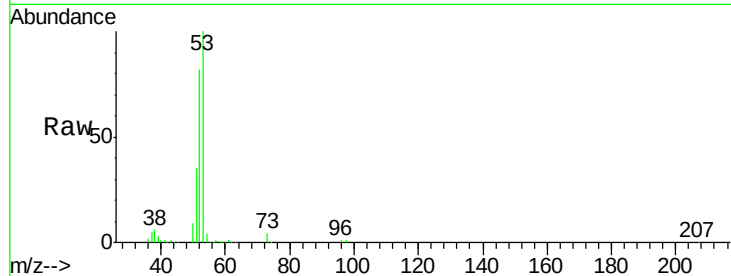
#15
 Acrylonitrile
 Concen: 298.501 ug/l
 RT: 5.36 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	165020
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.6	100.0
51	35.6	29.8	44.8

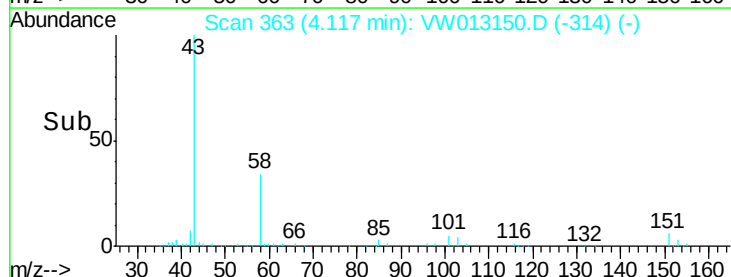
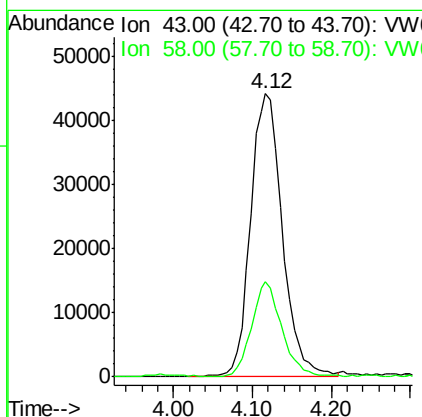
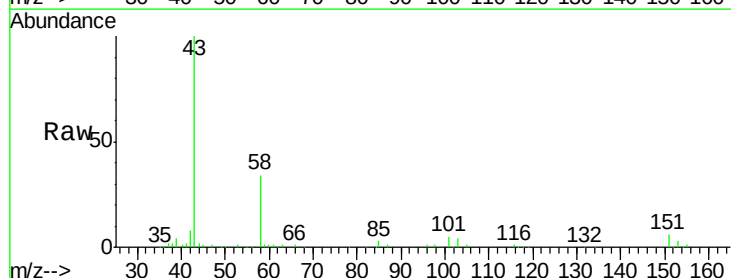
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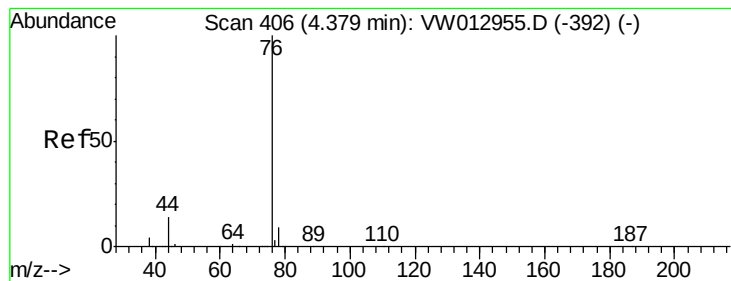
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#16
 Acetone
 Concen: 221.024 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Tgt Ion:	43	Resp:	123929
Ion Ratio	Lower	Upper	
43	100		
58	33.4	22.3	33.5





#17

Carbon Disulfide

Concen: 34.180 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 130213

Ion Ratio Lower Upper

76 100

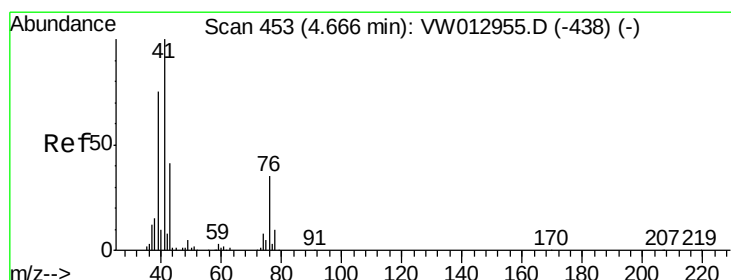
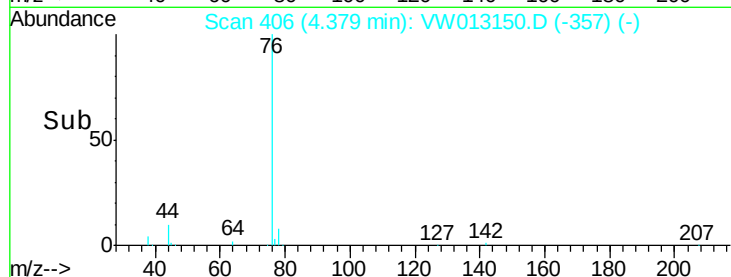
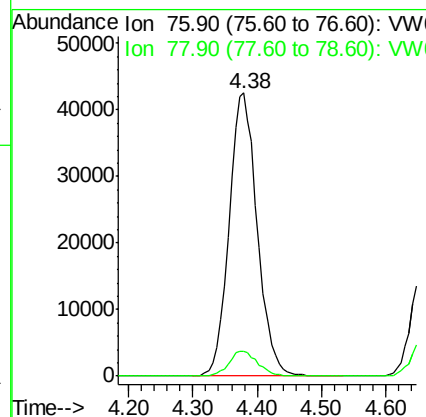
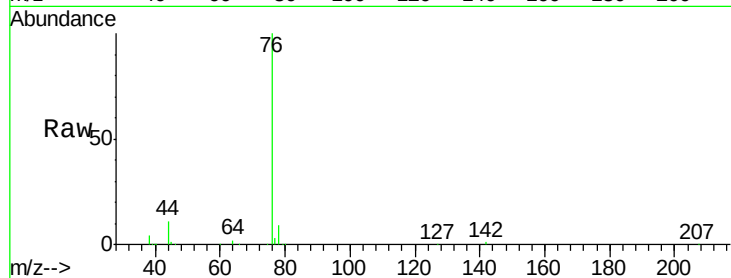
78 8.8 7.0 10.4

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#18

Methyl Acetate

Concen: 66.463 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW013150.D

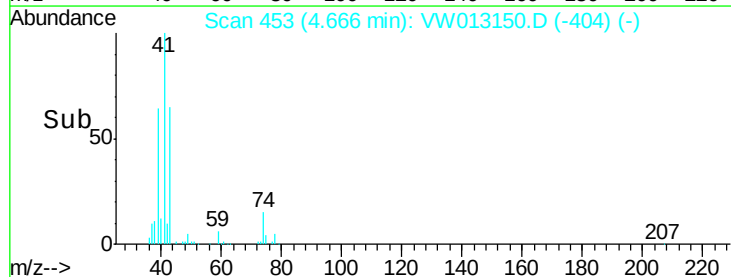
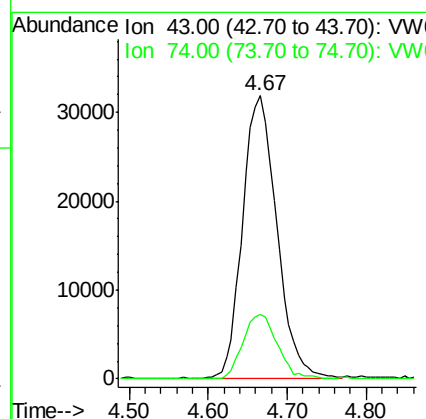
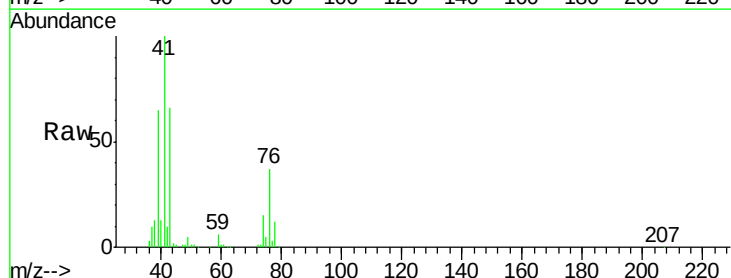
Acq: 19 Sep 2019 08:49

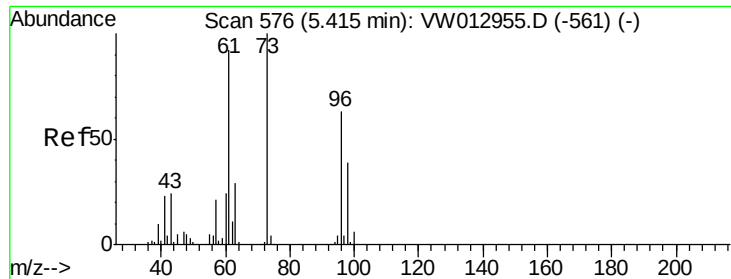
Tgt Ion: 43 Resp: 96853

Ion Ratio Lower Upper

43 100

74 22.9 17.8 26.8





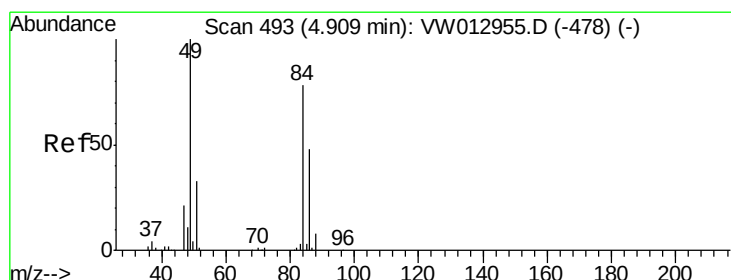
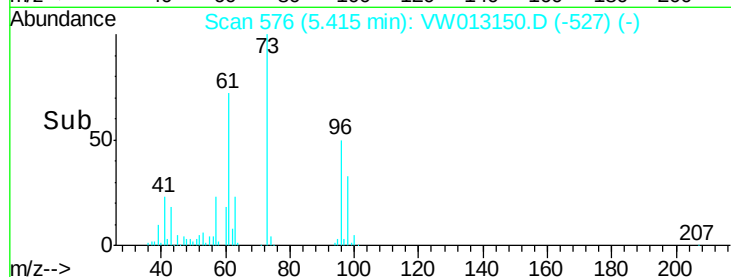
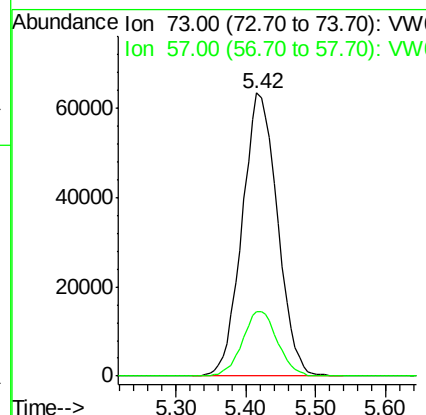
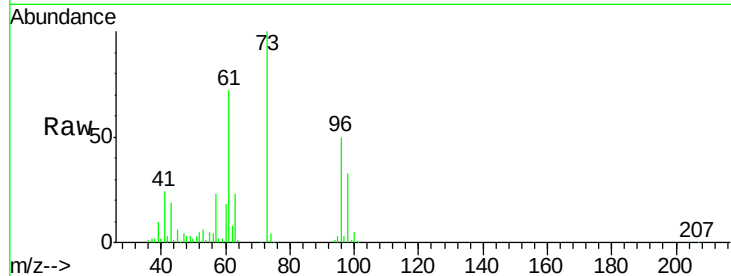
#19
Methyl tert-butyl Ether
Concen: 58.810 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 221920
Ion Ratio Lower Upper
73 100
57 22.9 16.4 24.6

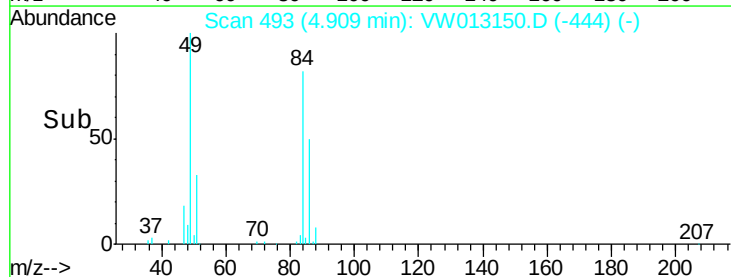
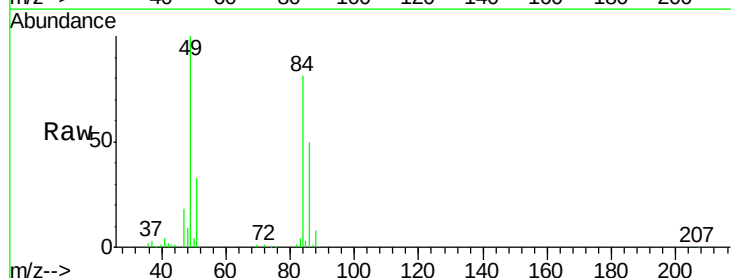
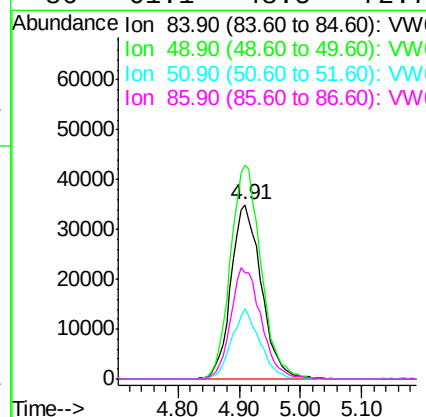
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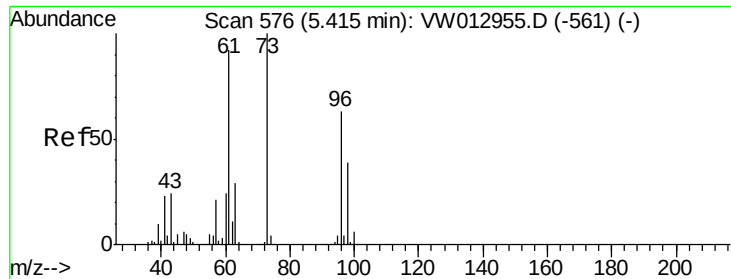
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#20
Methylene Chloride
Concen: 59.270 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Tgt Ion: 84 Resp: 120490
Ion Ratio Lower Upper
84 100
49 122.7 102.0 153.0
51 40.8 34.0 51.0
86 61.1 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 47.703 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 97670

Ion Ratio Lower Upper

96 100

61 143.1 116.2 174.2

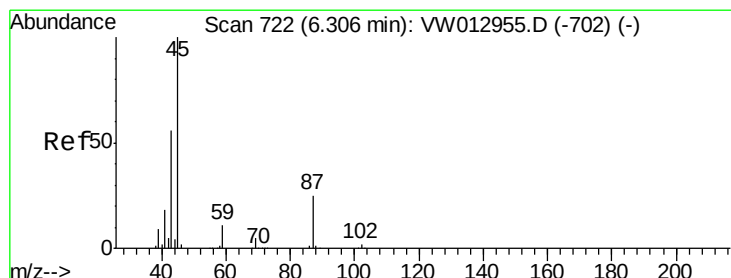
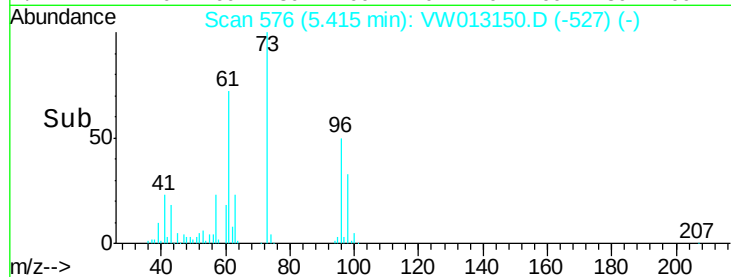
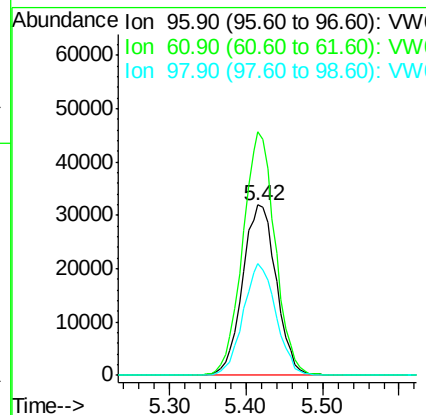
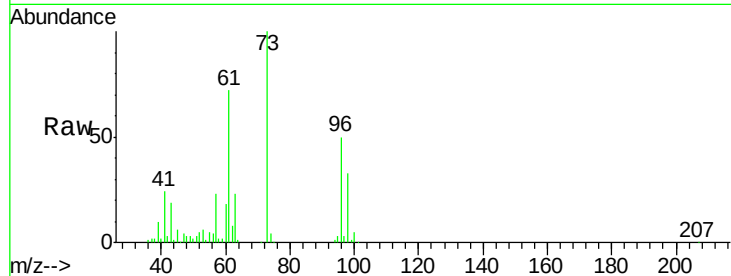
98 66.0 49.8 74.6

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#22

Diisopropyl ether

Concen: 56.102 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Tgt Ion: 45 Resp: 422971

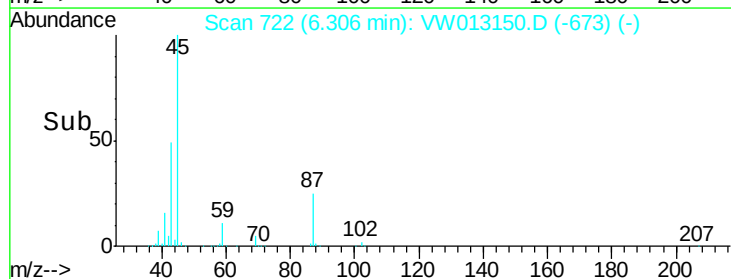
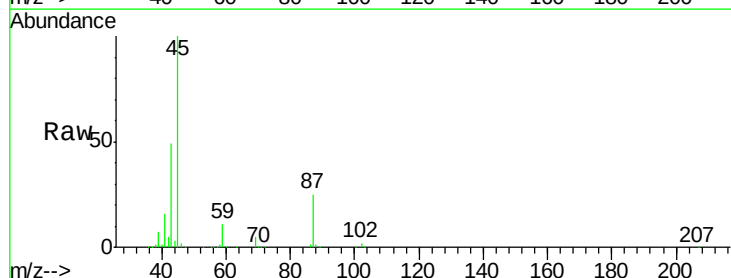
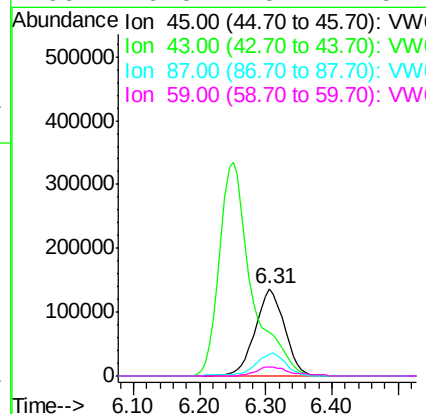
Ion Ratio Lower Upper

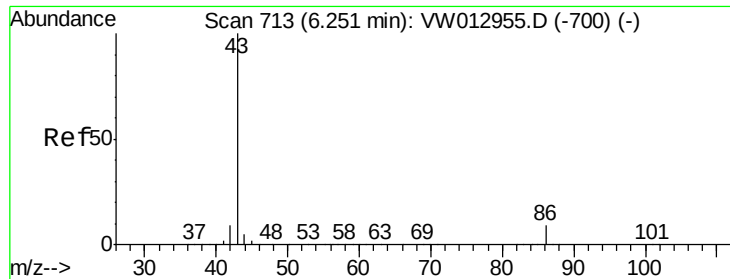
45 100

43 48.8 44.6 67.0

87 24.8 20.0 30.0

59 10.8 8.7 13.1





#23

Vinyl Acetate

Concen: 249.494 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1126606

Ion Ratio Lower Upper

43 100

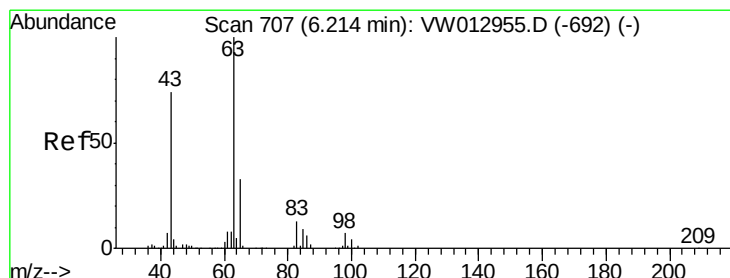
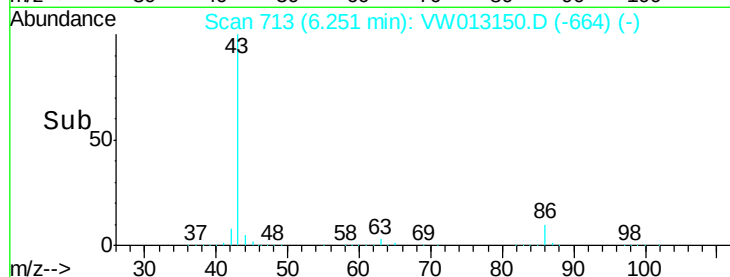
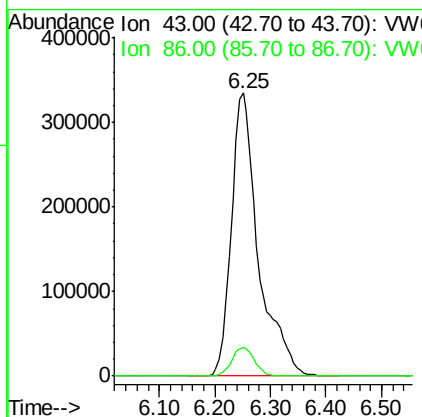
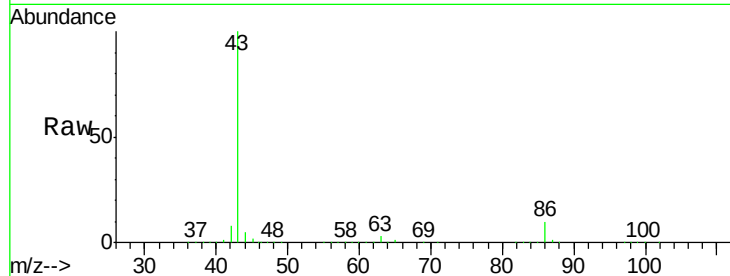
86 10.3 7.0 10.6

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#24

1,1-Dichloroethane

Concen: 48.937 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

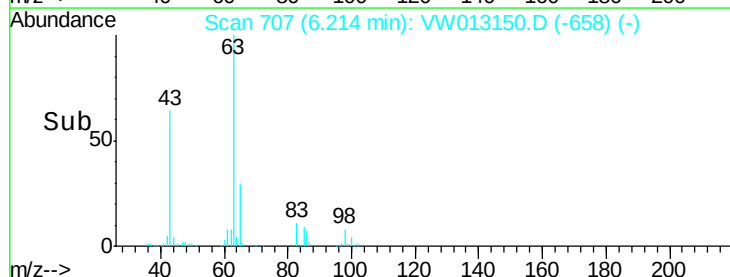
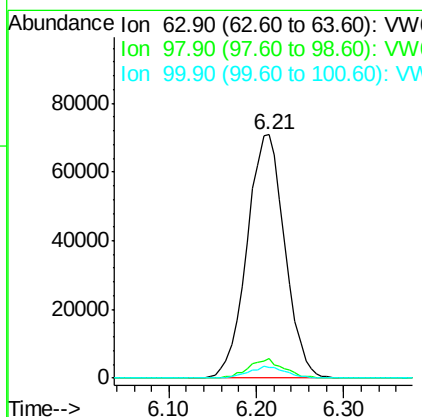
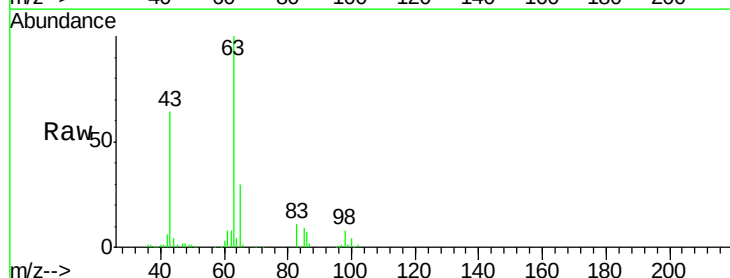
Tgt Ion: 63 Resp: 212725

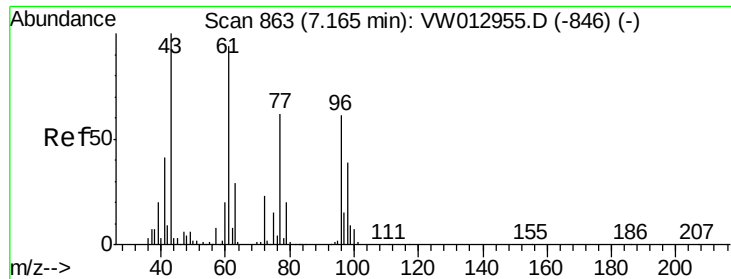
Ion Ratio Lower Upper

63 100

98 8.0 3.3 9.9

100 4.5 1.8 5.5





#25

2-Butanone

Concen: 260.491 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 211863

Ion Ratio Lower Upper

43 100

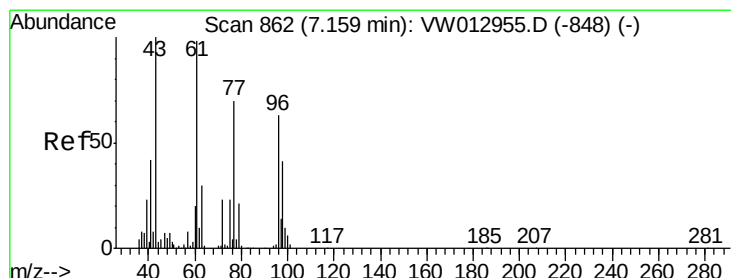
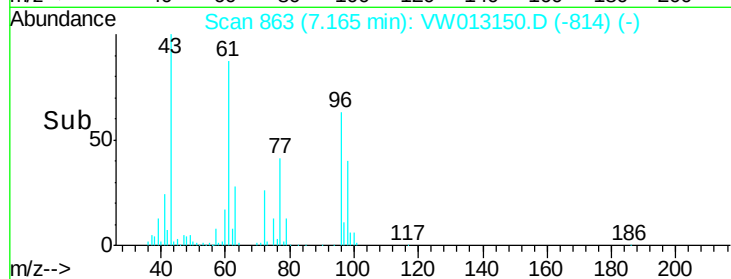
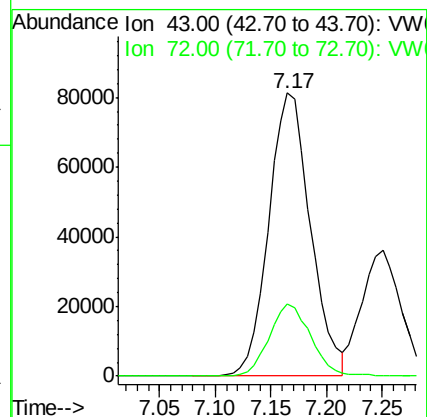
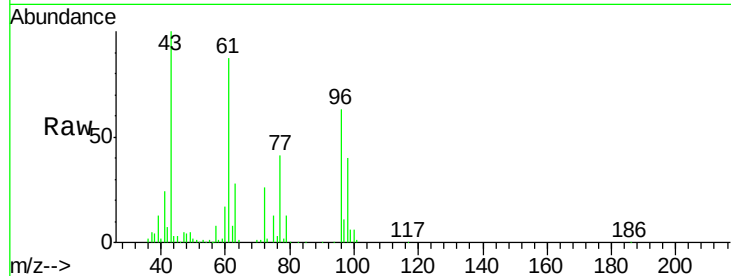
72 25.6 18.2 27.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 35.513 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW013150.D

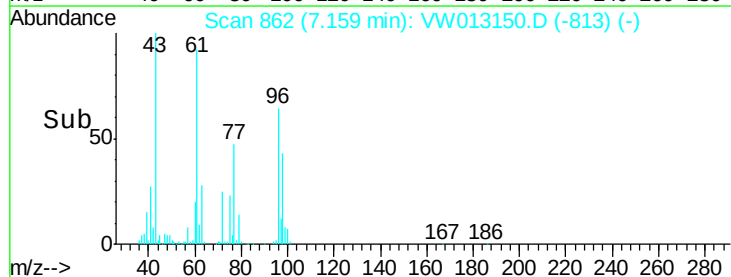
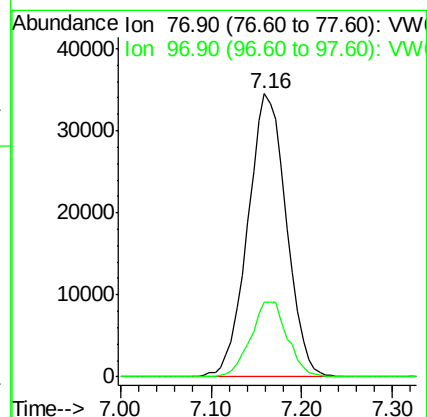
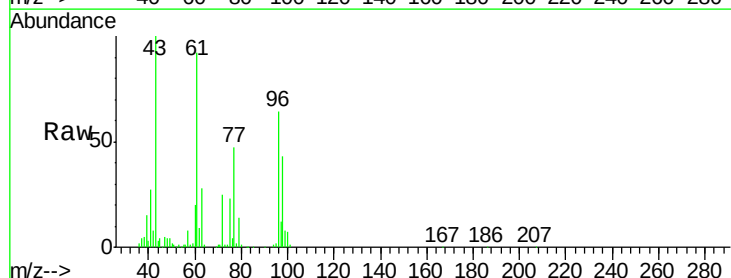
Acq: 19 Sep 2019 08:49

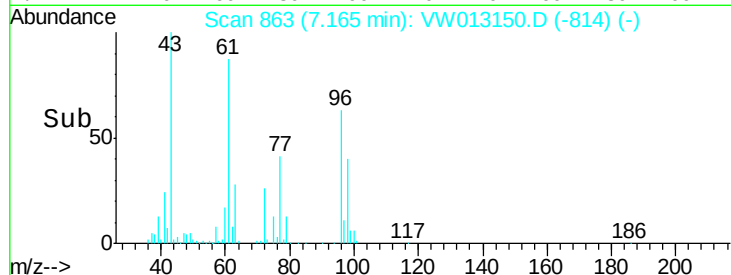
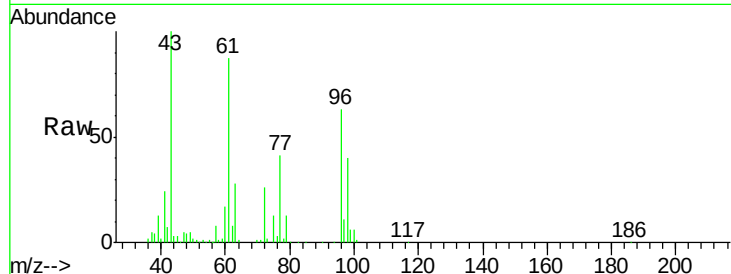
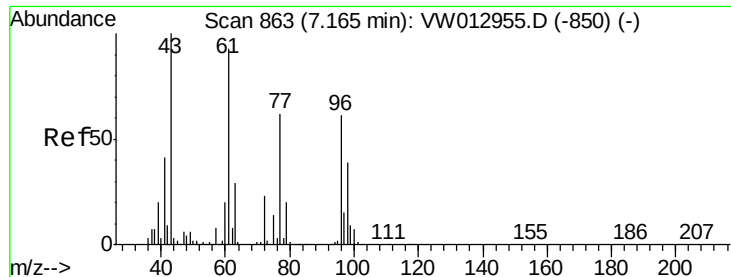
Tgt Ion: 77 Resp: 101435

Ion Ratio Lower Upper

77 100

97 25.2 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 54.989 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Tot Ion:	96	Resp:	134792
Ion Ratio	Lower	Upper	
96	100		
61	138.4	0.0	315.4
98	64.3	0.0	131.0

Instrument :

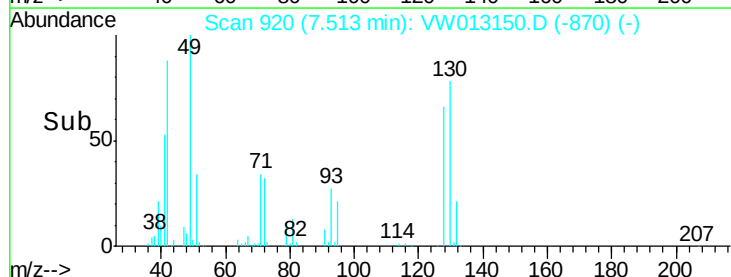
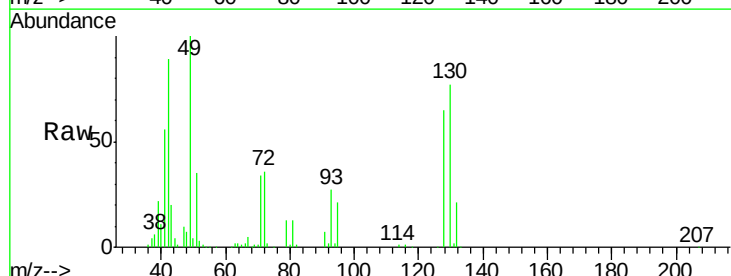
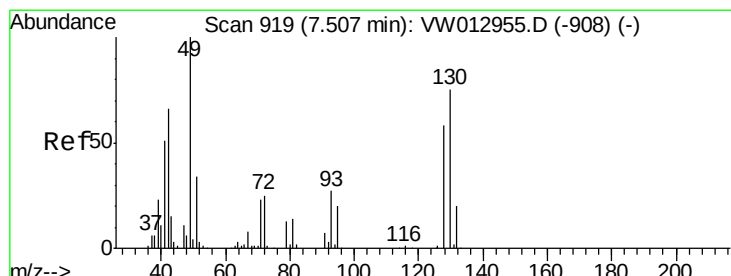
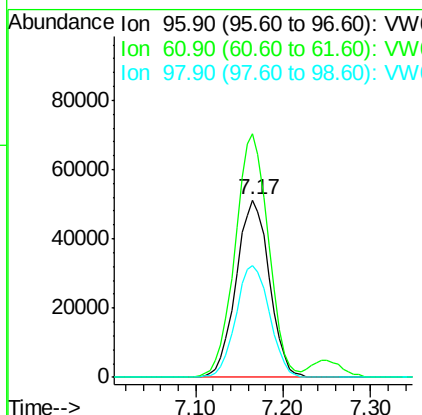
MSVOA_W

ClientSampleId :

VSTDCCC050EC

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#28

Bromochloromethane

Concen: 60.381 ug/l

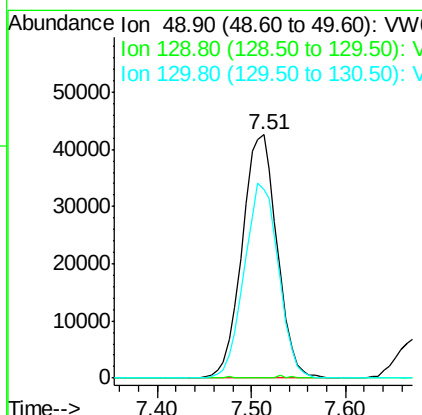
RT: 7.51 min Scan# 920

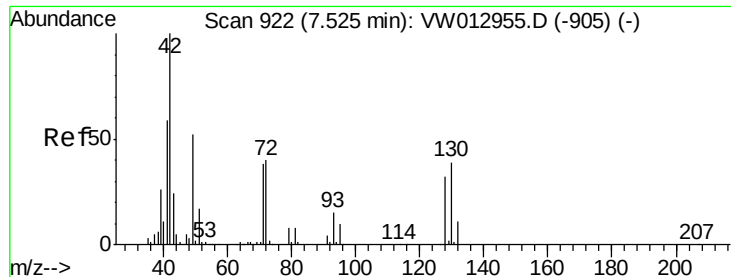
Delta R.T. 0.01 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Tgt Ion:	49	Resp:	110473
Ion Ratio	Lower	Upper	
49	100		
129	0.0	0.0	1.4
130	78.8	57.8	86.6





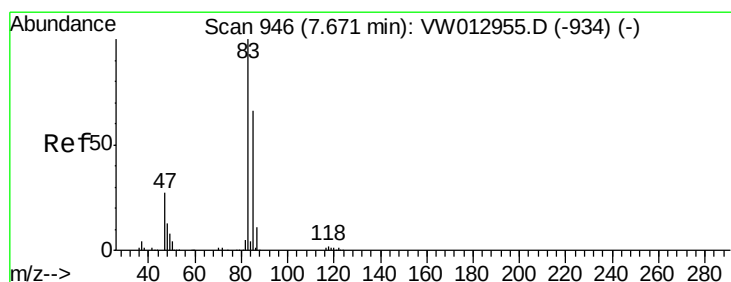
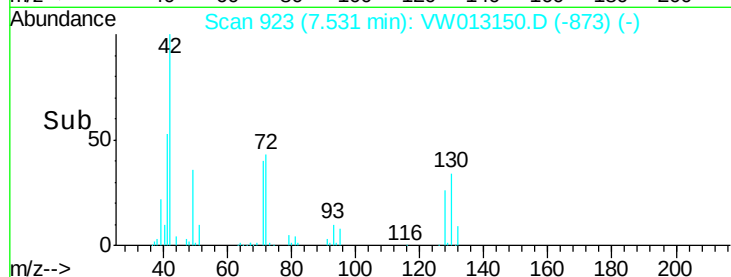
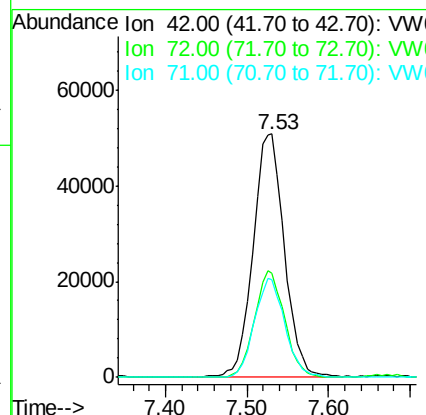
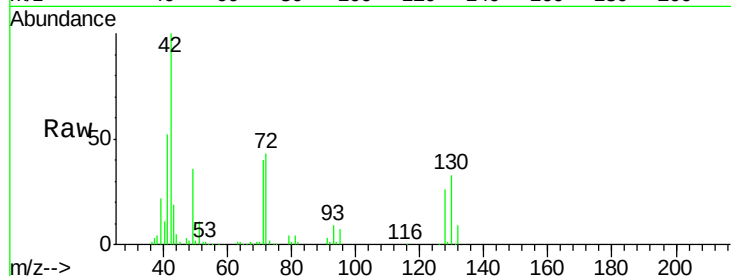
#29
Tetrahydrofuran
Concen: 294.526 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	31.4	47.0
71	39.5	29.8	44.8

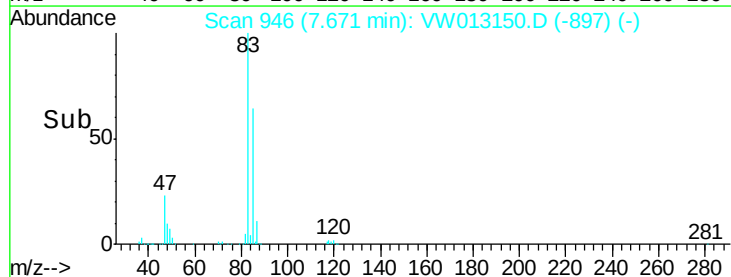
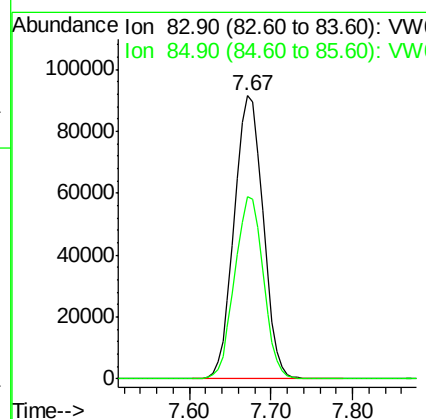
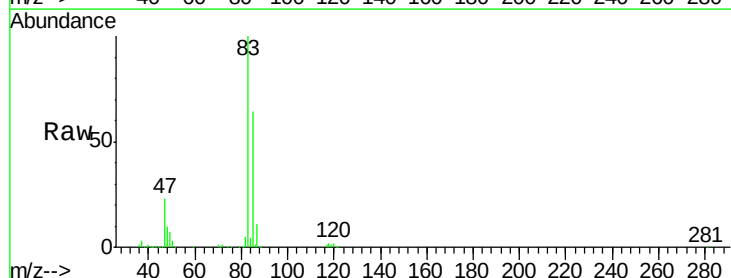
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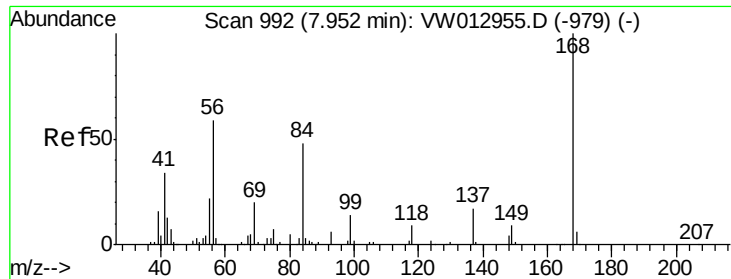
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#30
Chloroform
Concen: 50.672 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.8	79.2





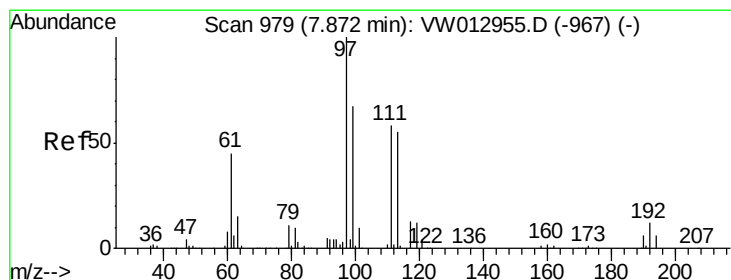
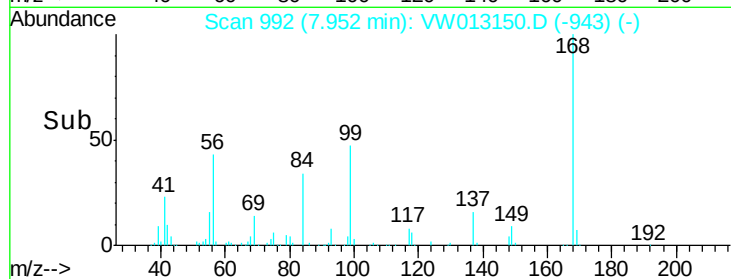
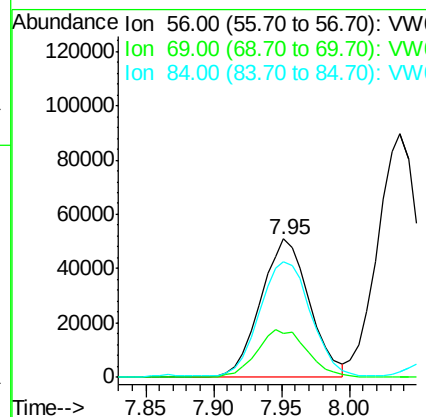
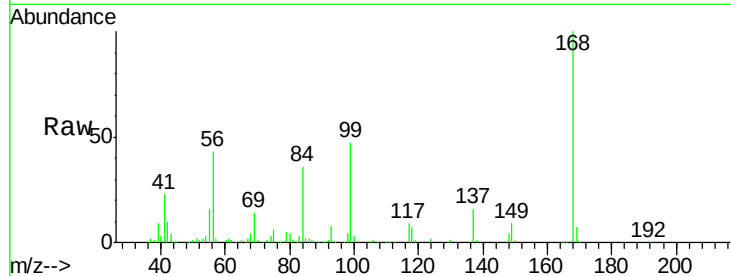
#31
Cyclohexane
Concen: 38.158 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	27.0	40.6
84	83.1	66.2	99.2

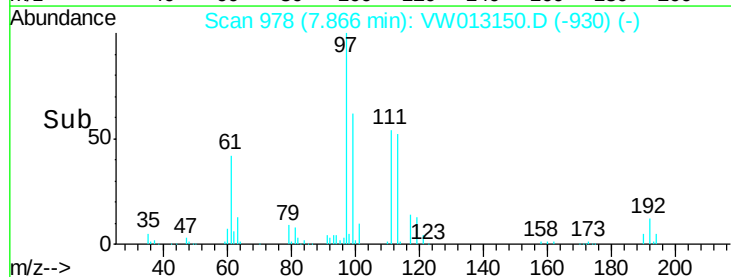
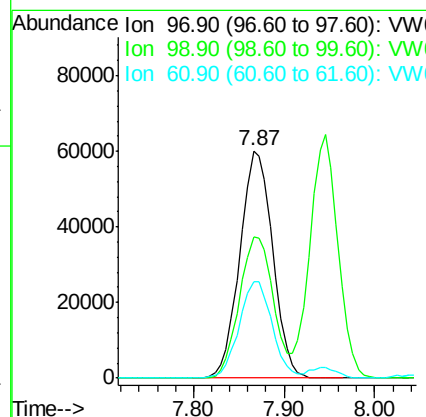
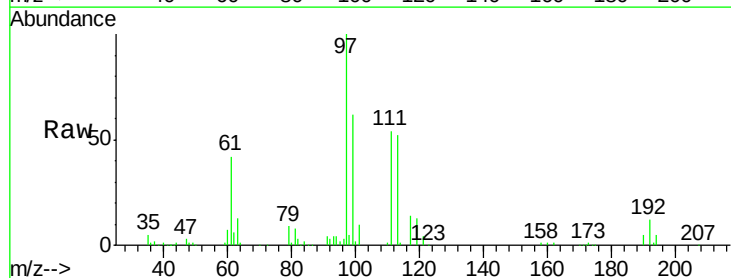
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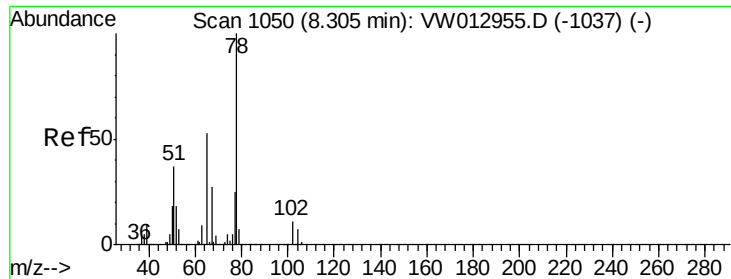
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#32
1,1,1-Trichloroethane
Concen: 41.503 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	53.0	79.4
61	42.6	36.5	54.7





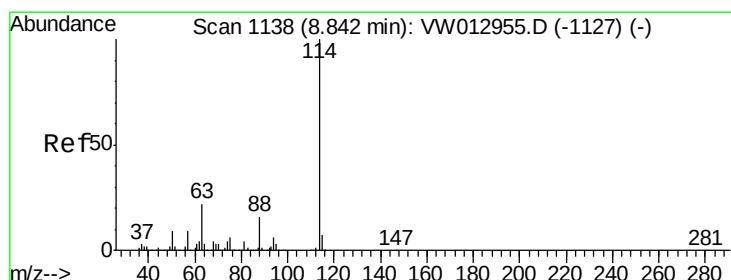
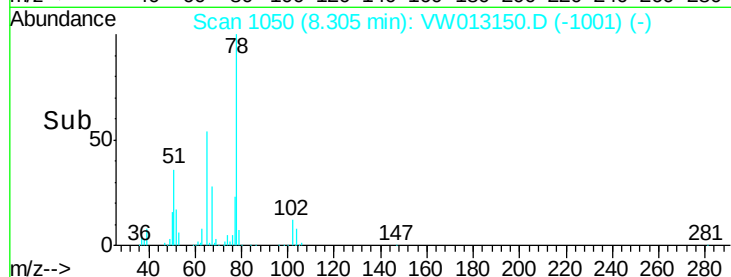
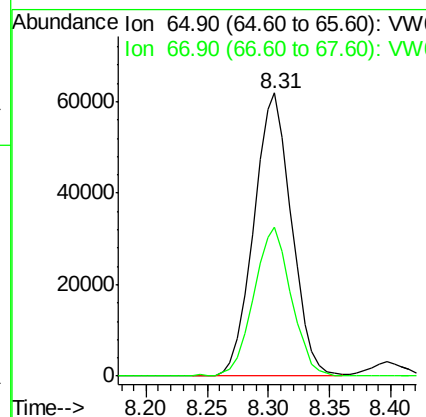
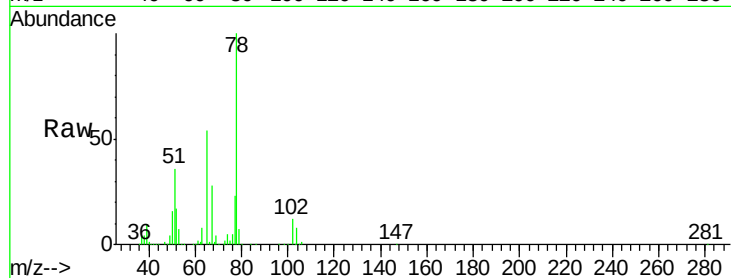
#33
 1,2-Dichloroethane-d4
 Concen: 51.790 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.6	0.0	101.2	

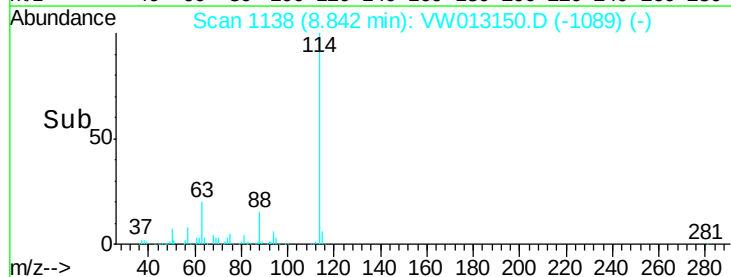
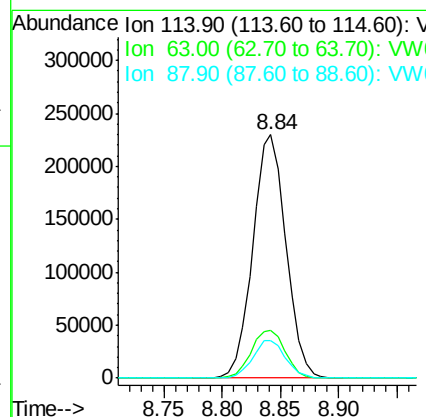
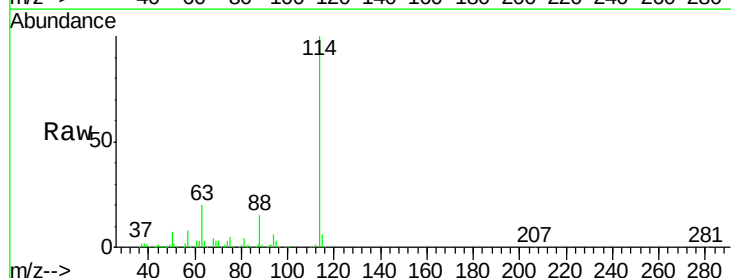
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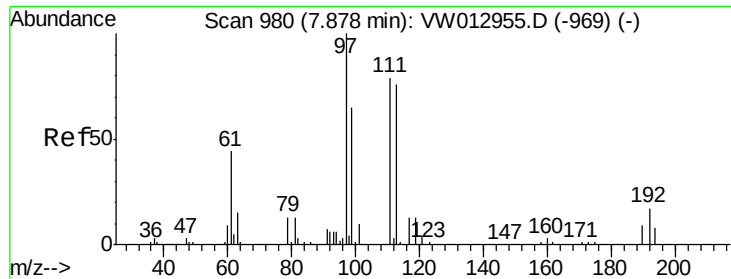
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.6	0.0	43.4	
88	15.2	0.0	31.6	





#35

Dibromofluoromethane

Concen: 50.472 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

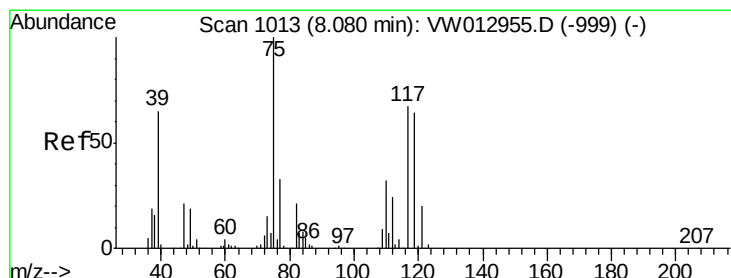
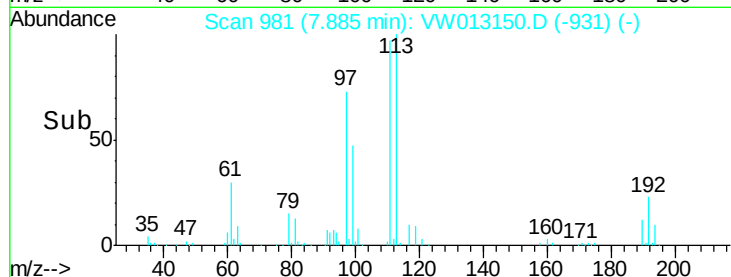
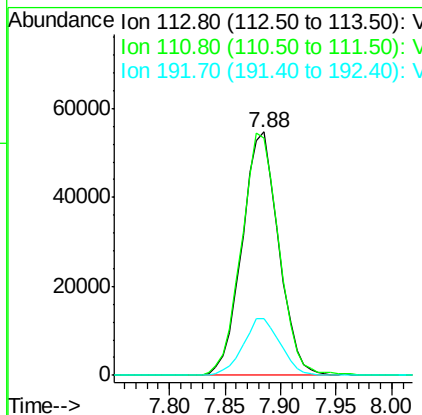
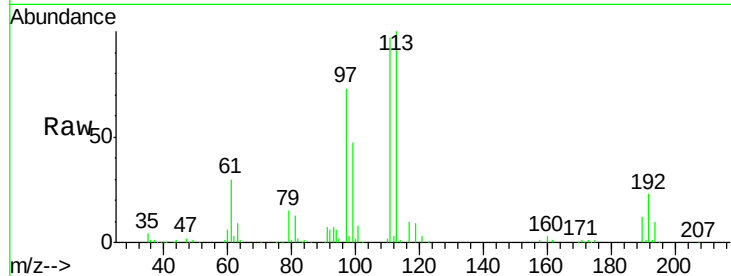
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	124950
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.8	124.2
192	23.8	17.8	26.8

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#36

1,1-Dichloropropene

Concen: 36.095 ug/l

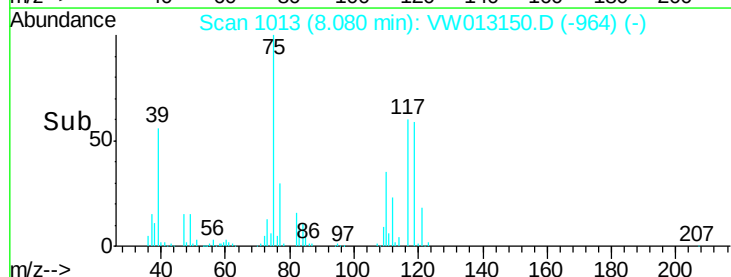
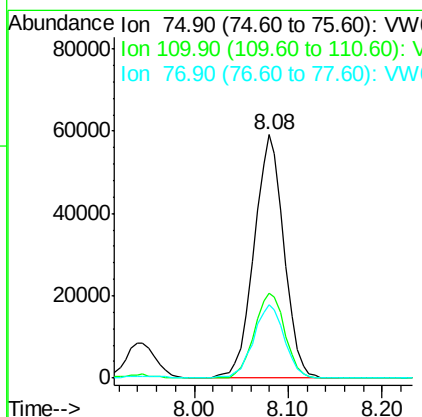
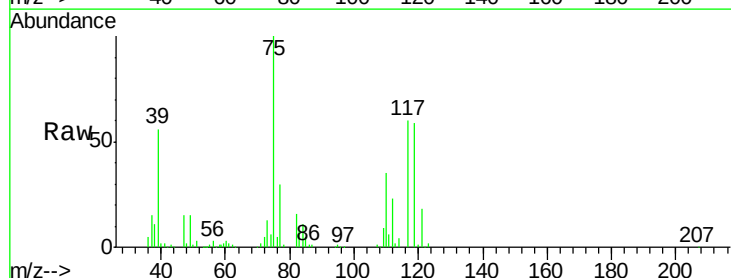
RT: 8.08 min Scan# 1013

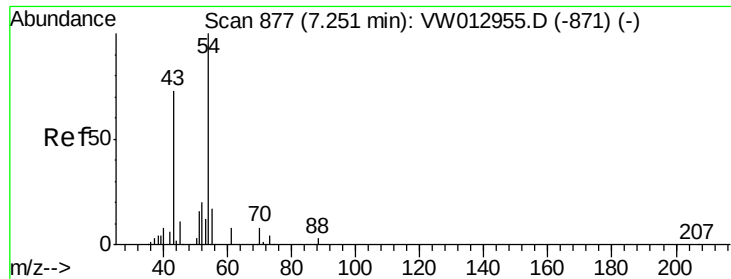
Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Tgt Ion:	75	Resp:	131593
Ion Ratio	Lower	Upper	
75	100		
110	35.5	16.4	49.1
77	31.2	25.1	37.7





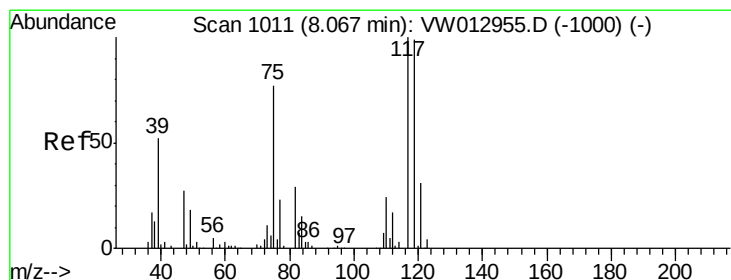
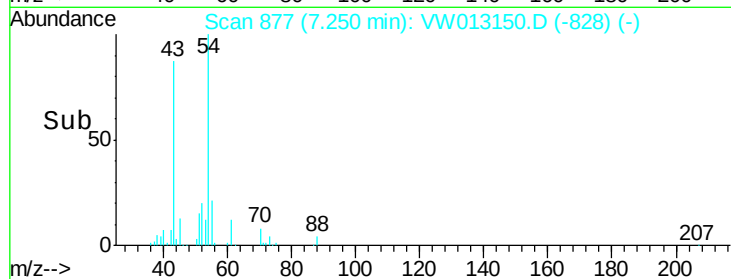
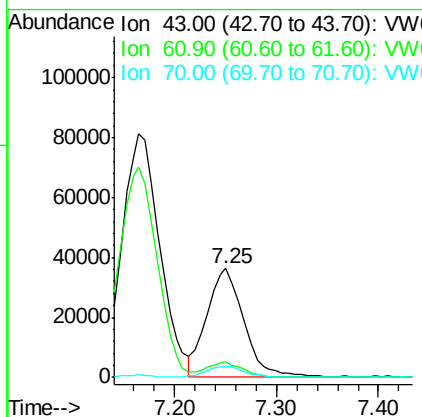
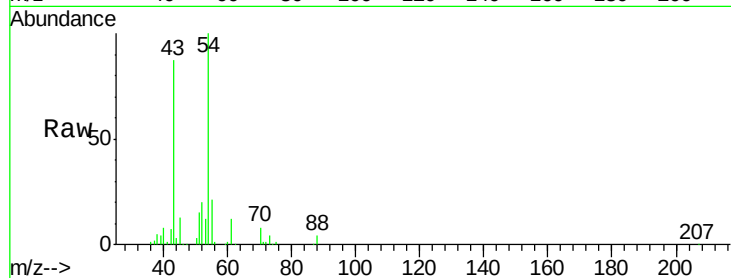
#37
Ethyl Acetate
Concen: 47.210 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	9.6	14.4
70	10.5	7.6	11.4

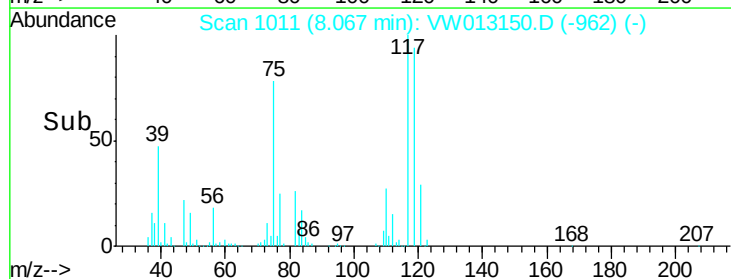
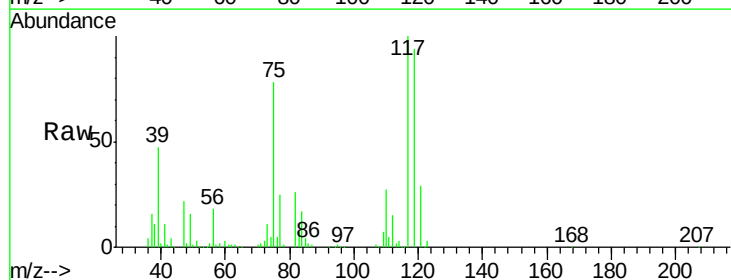
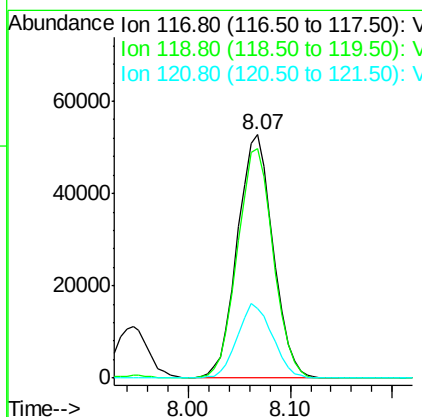
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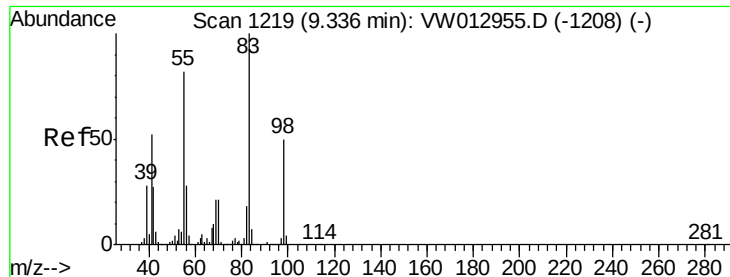
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#38
Carbon Tetrachloride
Concen: 34.254 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	79.4	119.0
121	28.8	24.6	36.8





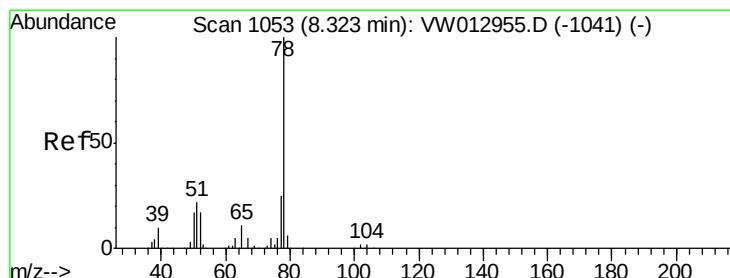
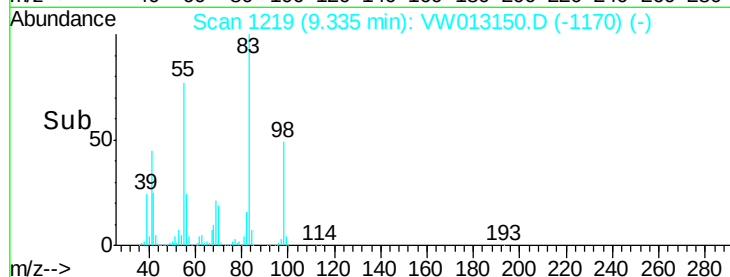
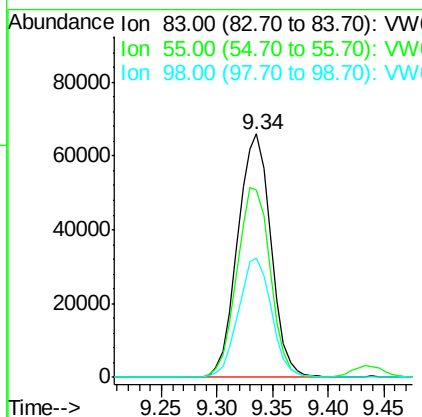
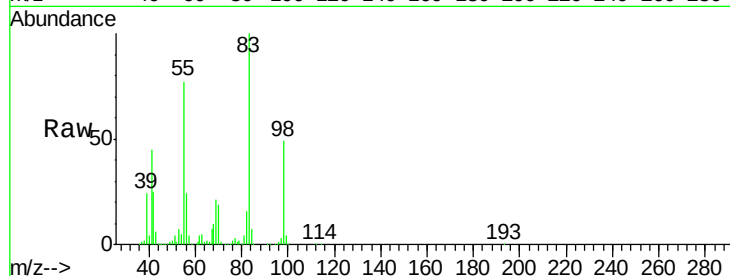
#39
Methvlcvclohexane
Concen: 34.271 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	65.9	98.9
98	49.3	39.6	59.4

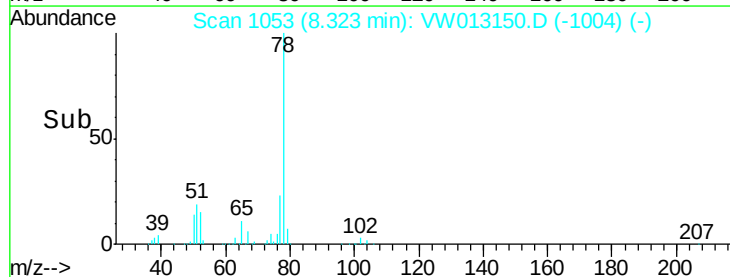
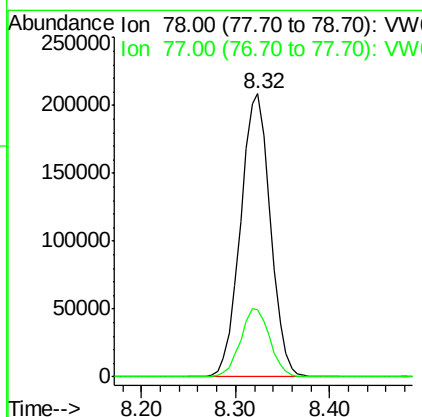
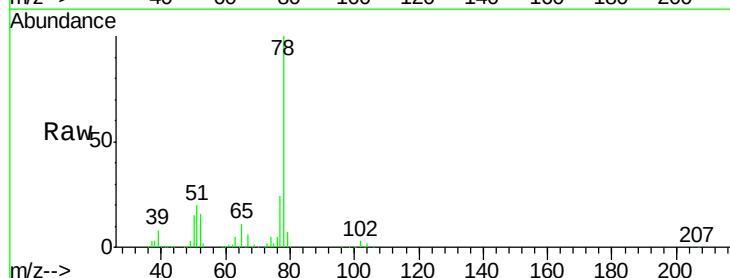
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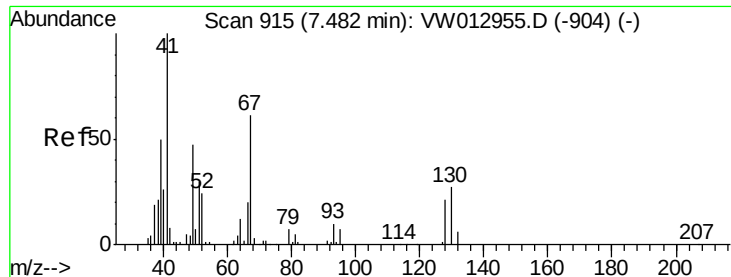
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#40
Benzene
Concen: 45.454 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.6	29.4





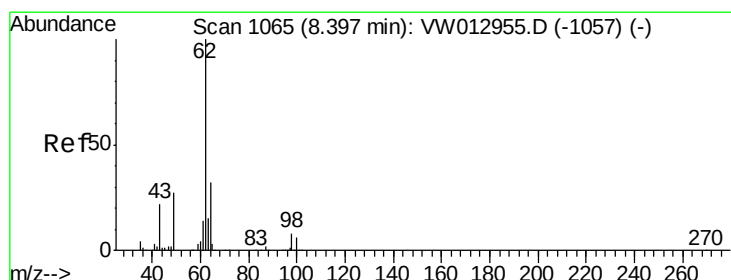
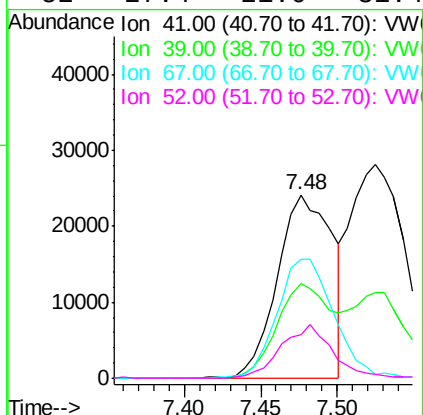
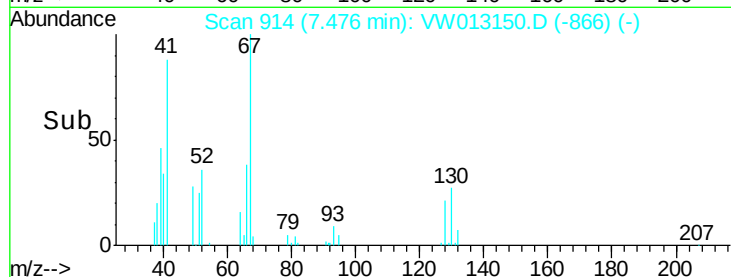
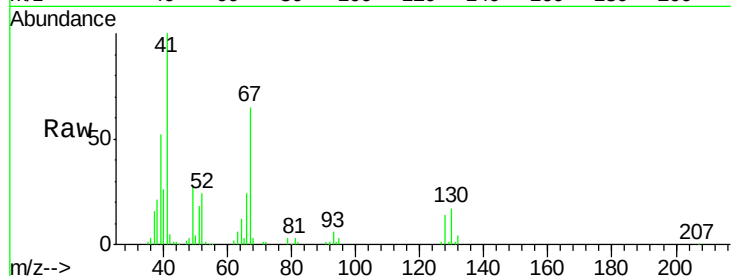
#41
Methacrylonitrile
Concen: 47.335 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	60321
Ion	Ratio	Lower	Upper
41	100		
39	50.6	48.2	72.4
67	67.4	47.5	71.3
52	27.4	21.0	31.4

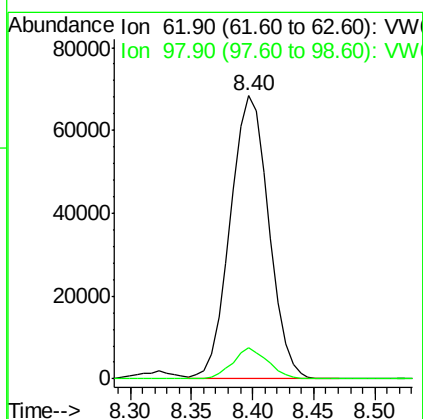
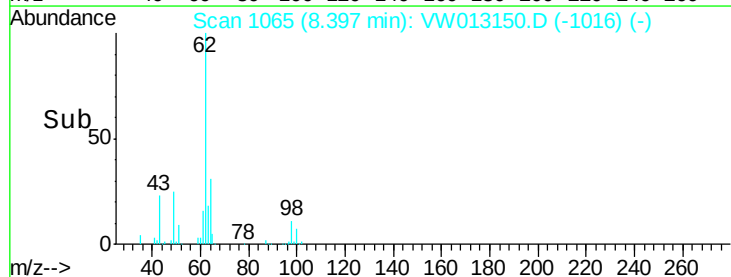
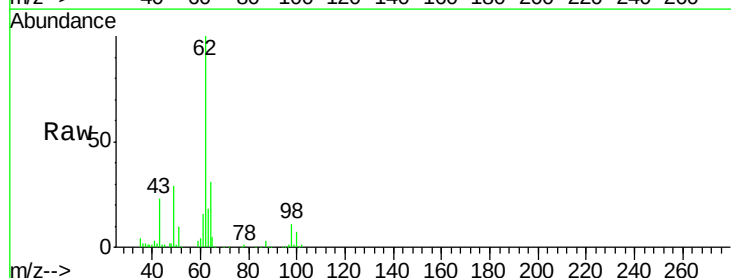
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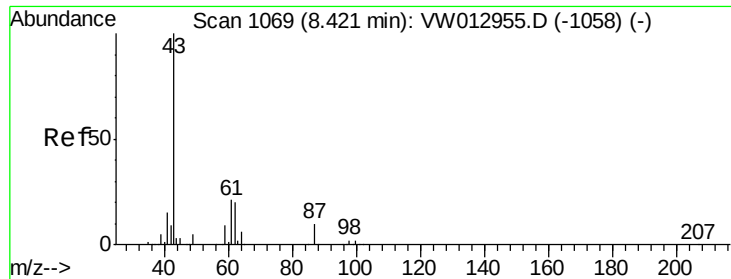
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#42
1,2-Dichloroethane
Concen: 43.789 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Tgt Ion	62	Resp	149399
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	16.8





#43

Isopropyl Acetate

Concen: 48.000 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

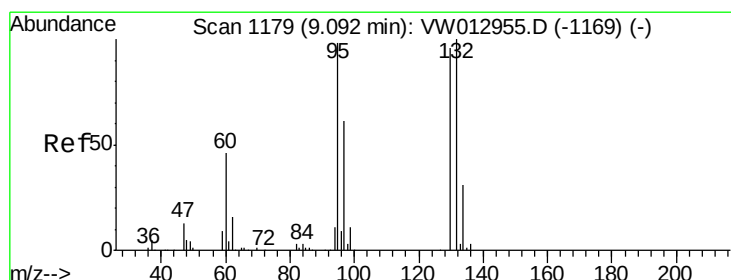
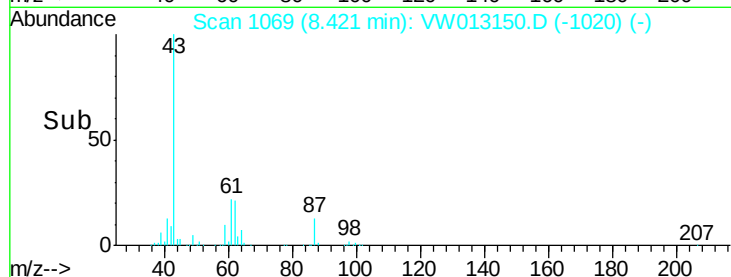
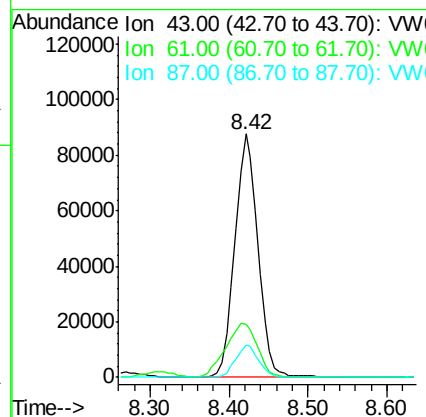
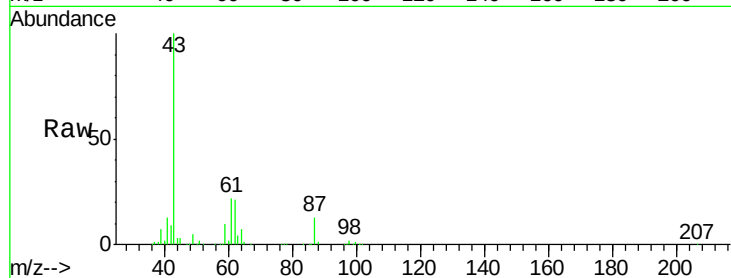
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	178345
Ion	Ratio	Lower	Upper
43	100		
61	30.3	22.7	34.1
87	13.3	9.4	14.2

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#44

Trichloroethene

Concen: 43.699 ug/l

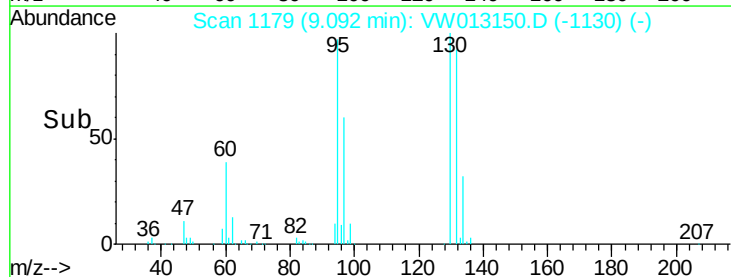
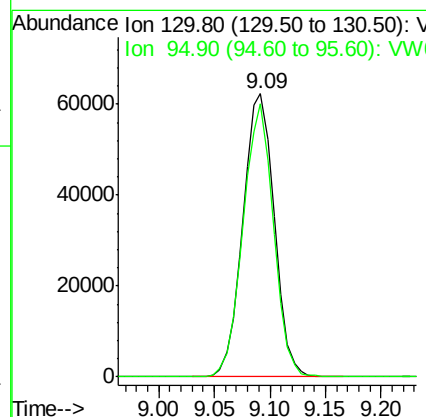
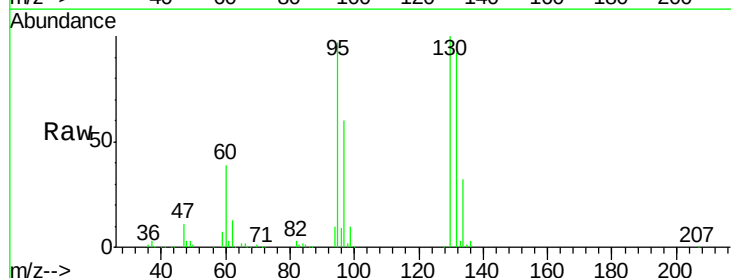
RT: 9.09 min Scan# 1179

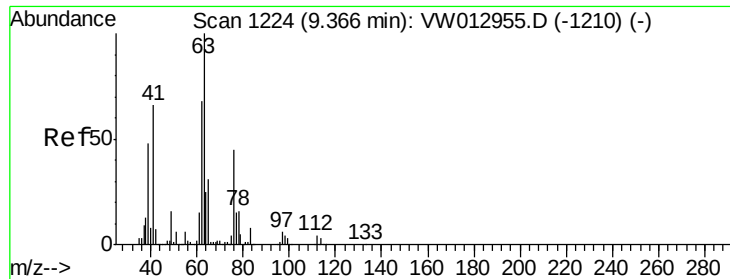
Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Tgt Ion:	130	Resp:	121822
Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	204.4





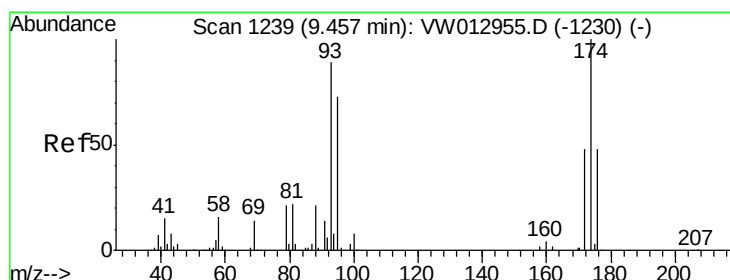
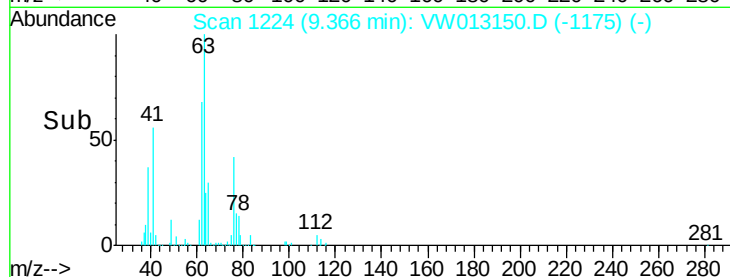
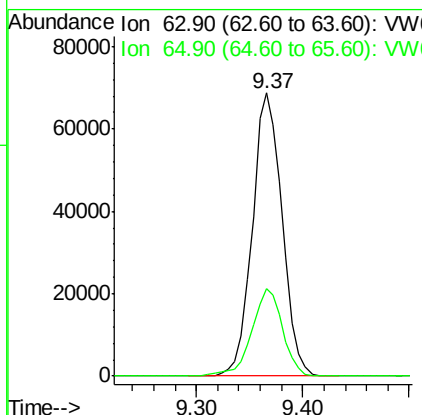
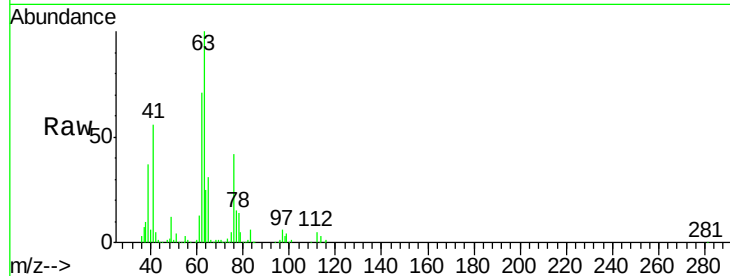
#45
 1,2-Dichloropropane
 Concen: 49.749 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.6	37.0

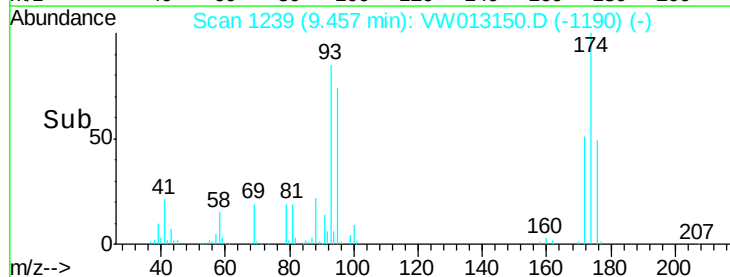
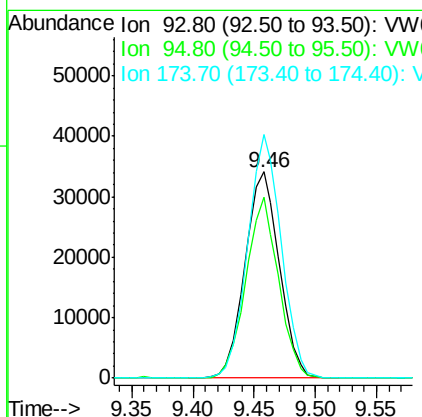
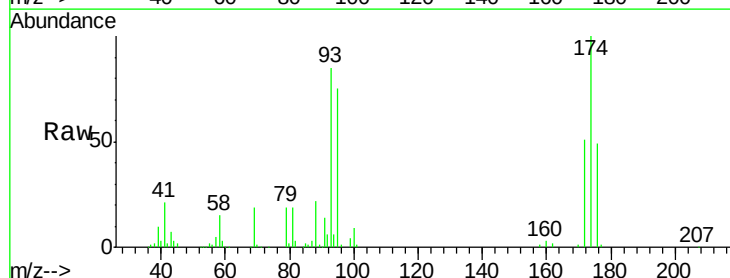
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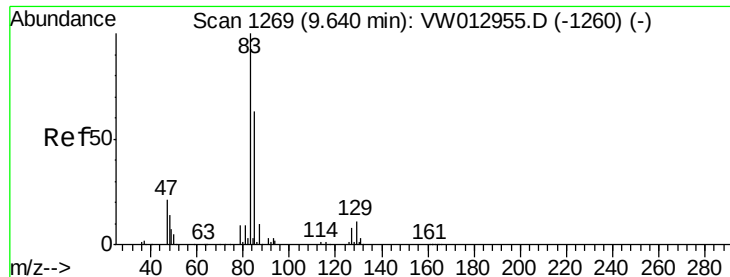
MMDadoda
 9/19/2019 11:21:44 AM



#46
 Dibromomethane
 Concen: 51.343 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	67.0	100.4
174	116.0	90.5	135.7





#47

Bromodichloromethane

Concen: 47.301 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

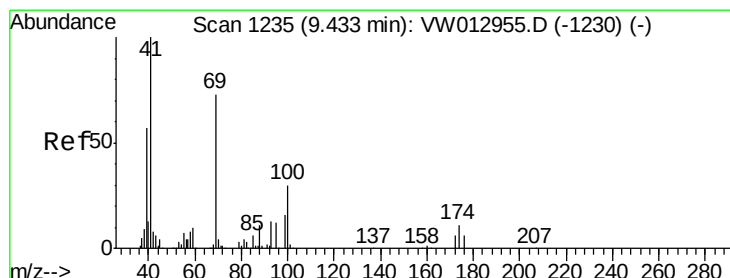
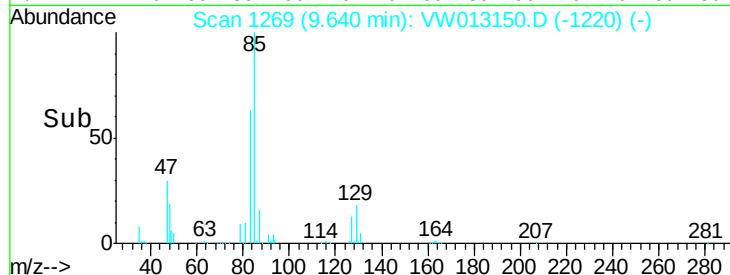
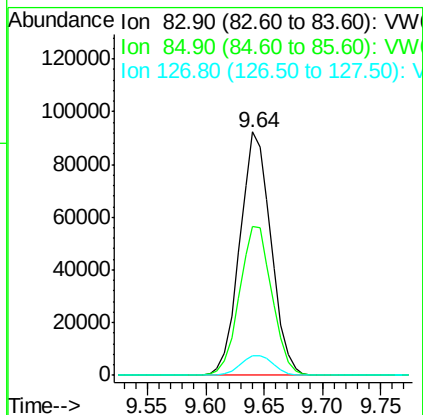
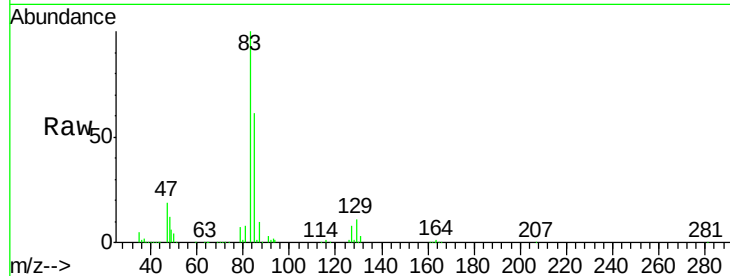
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	171888
Ion	Ratio	Lower	Upper
83	100		
85	61.4	50.6	75.8
127	8.2	6.7	10.1

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9/19/2019 11:21:44 AM



#48

Methyl methacrylate

Concen: 51.699 ug/l

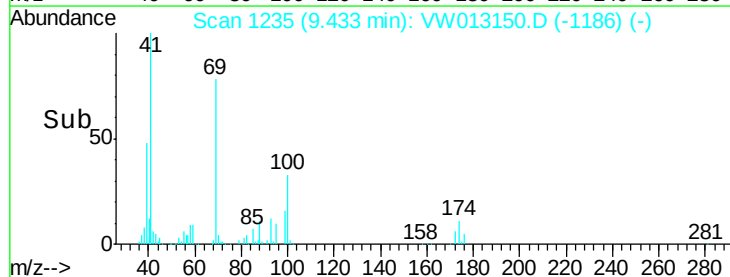
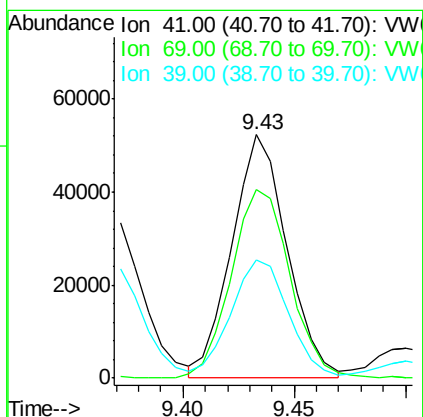
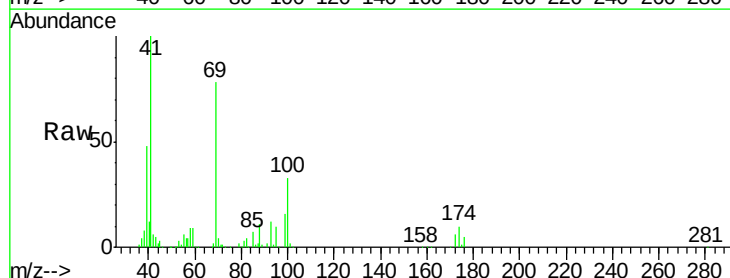
RT: 9.43 min Scan# 1235

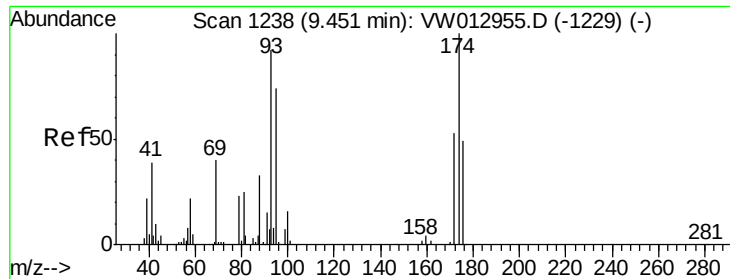
Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Tgt Ion:	41	Resp:	90151
Ion	Ratio	Lower	Upper
41	100		
69	82.9	62.8	94.2
39	50.7	48.5	72.7





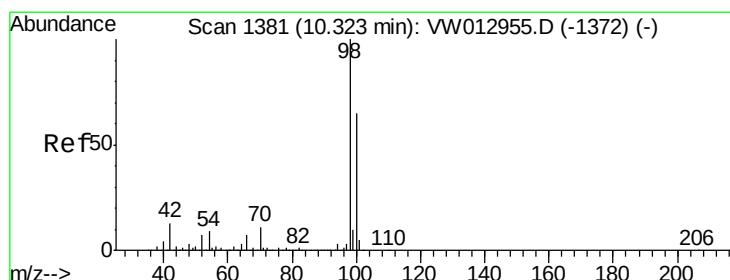
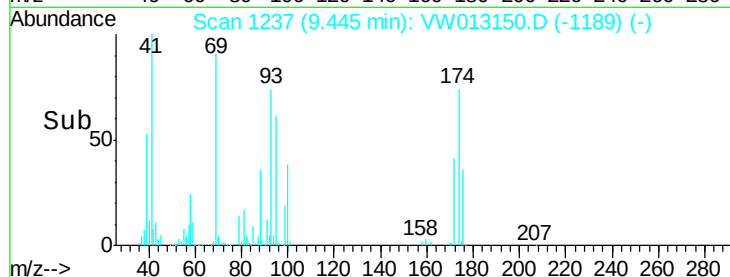
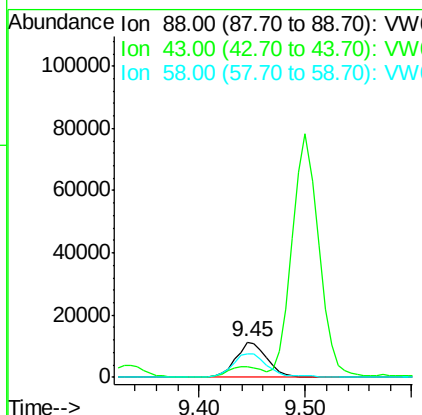
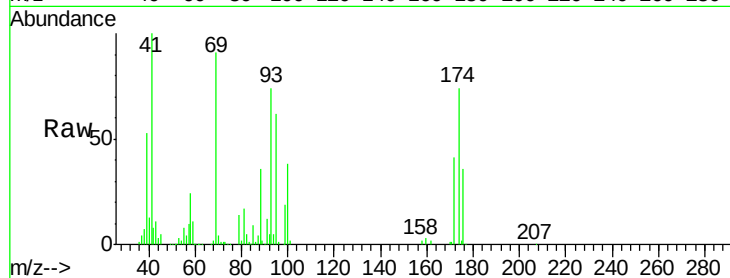
#49
1,4-Dioxane
Concen: 1062.050 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	31.3	46.9
58	75.5	60.2	90.2

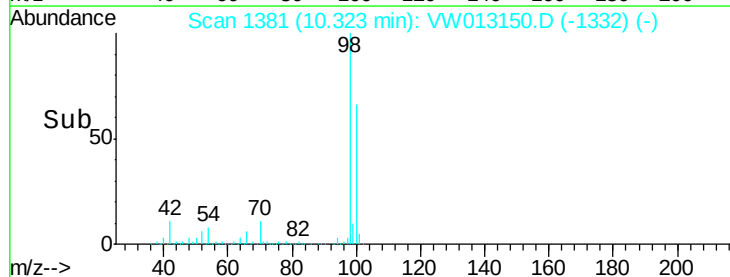
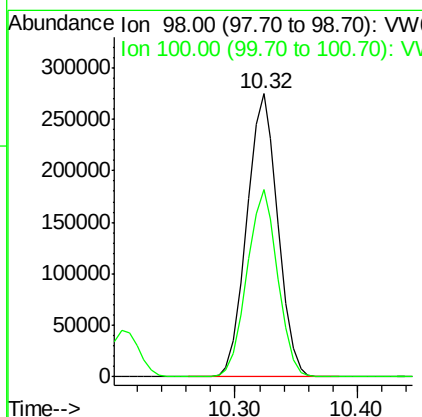
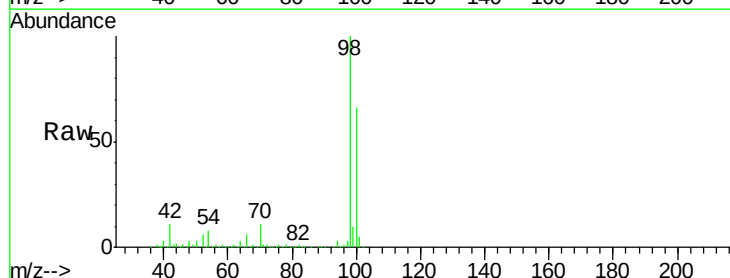
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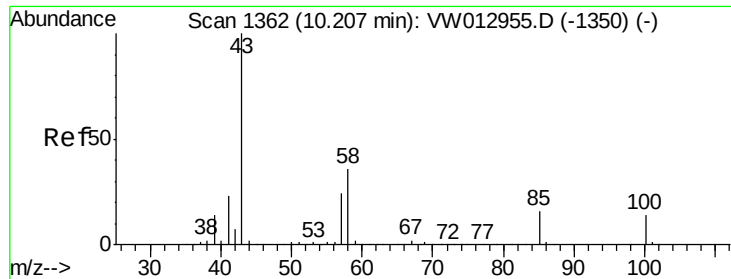
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9/19/2019 11:21:44 AM



#50
Toluene-d8
Concen: 49.938 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.1	78.1





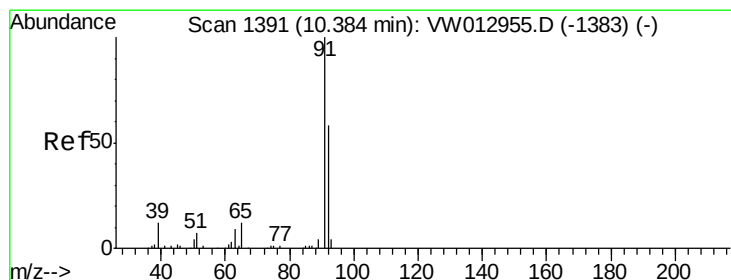
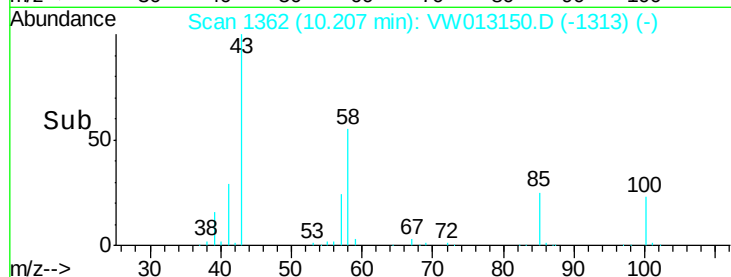
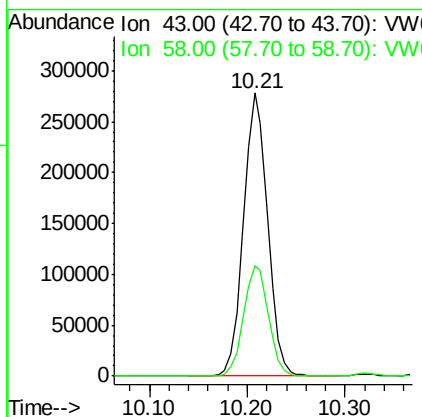
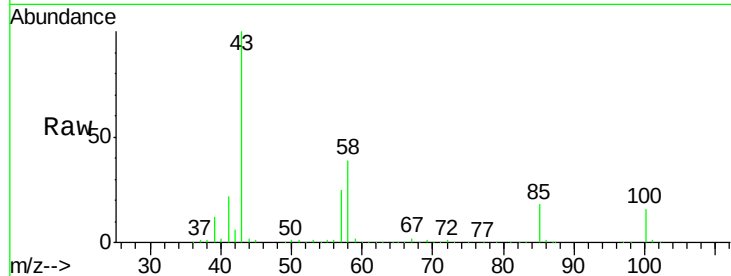
#51
 4-Methyl-2-Pentanone
 Concen: 247.426 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 474620
 Ion Ratio Lower Upper
 43 100
 58 40.2 29.5 44.3

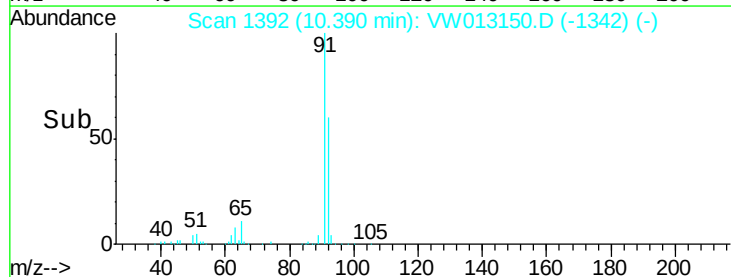
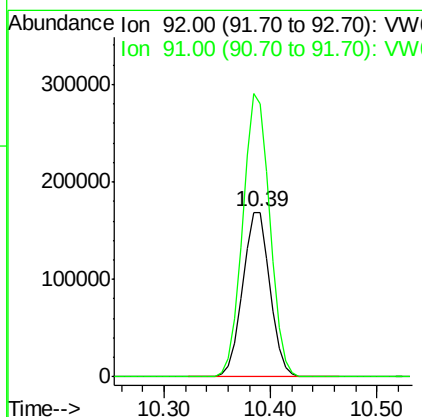
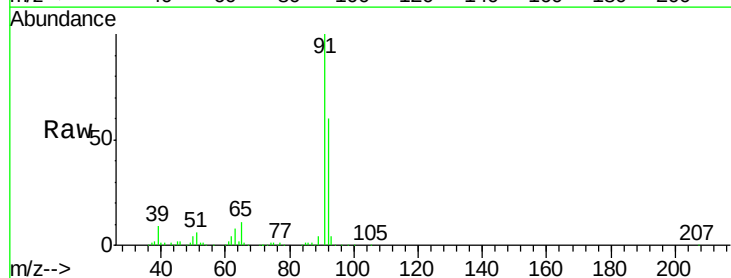
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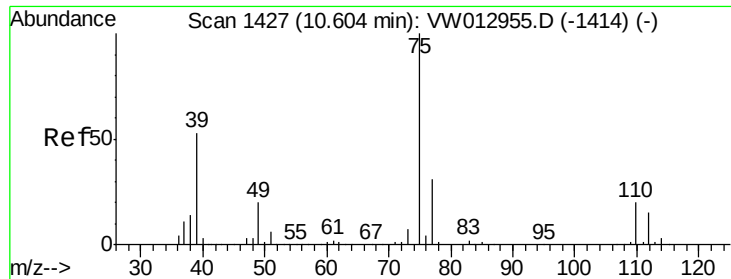
MMDadoda
 9/19/2019 11:21:44 AM



#52
 Toluene
 Concen: 47.090 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Tgt Ion: 92 Resp: 304547
 Ion Ratio Lower Upper
 92 100
 91 170.5 137.5 206.3





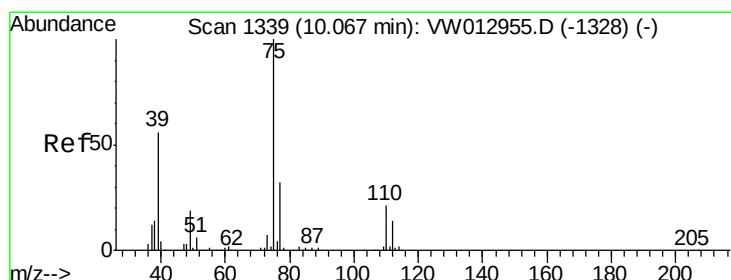
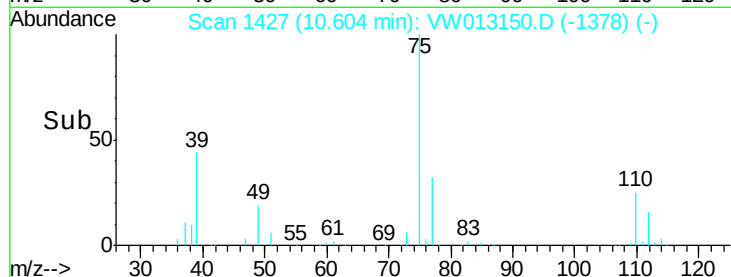
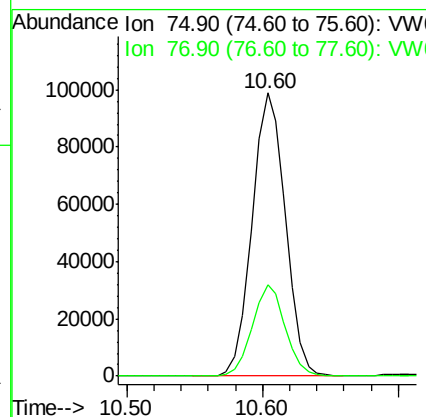
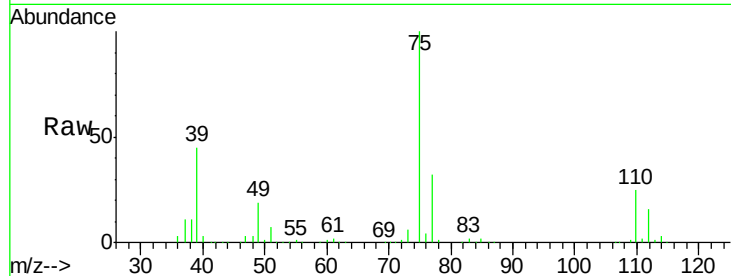
#53
 t-1,3-Dichloropropene
 Concen: 46.474 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 169847
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 37.0

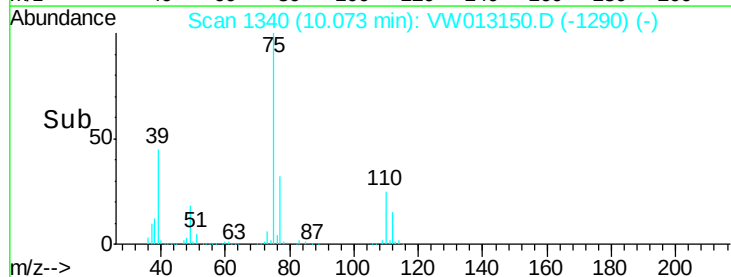
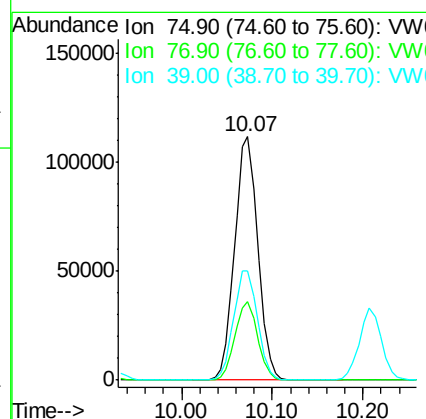
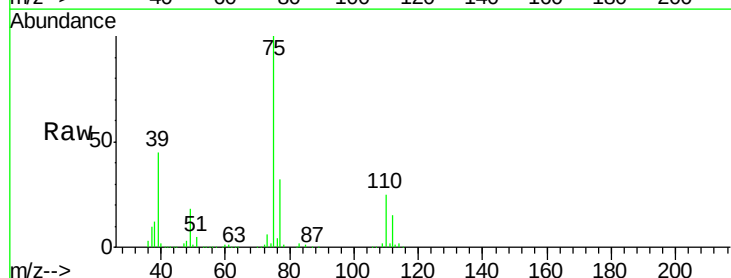
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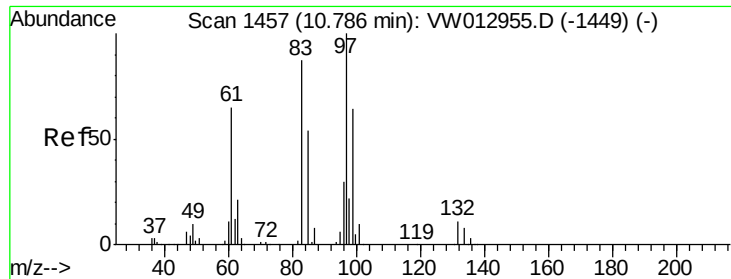
MMDadoda
 9/19/2019 11:21:44 AM



#54
 cis-1,3-Dichloropropene
 Concen: 47.550 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Tgt Ion: 75 Resp: 198839
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.5 38.3
 39 44.7 45.0 67.6#





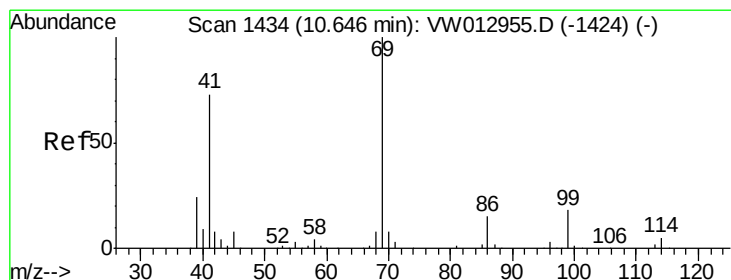
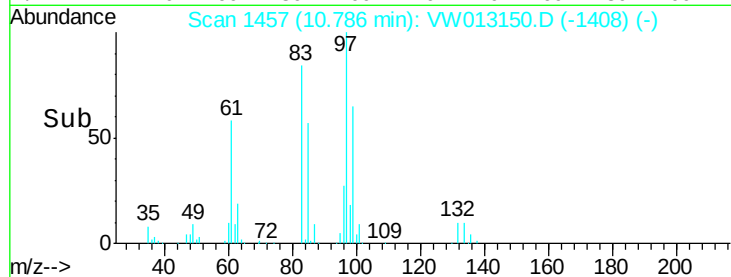
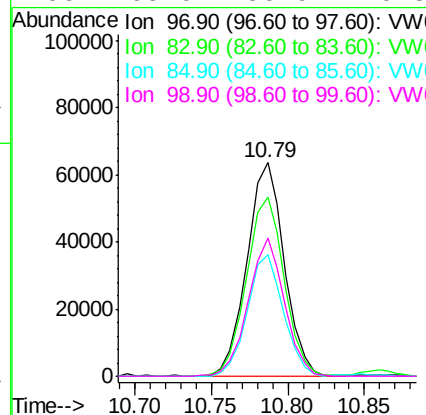
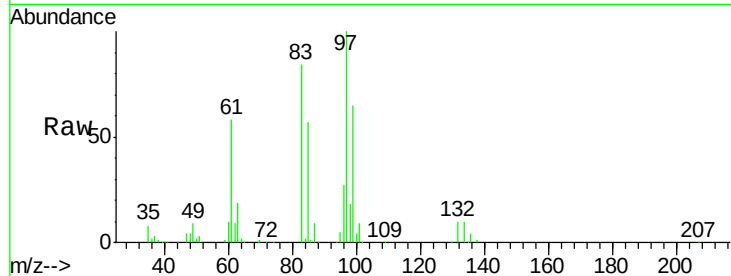
#55
 1,1,2-Trichloroethane
 Concen: 54.323 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		107211		
83	84.2	69.4	104.0		
85	57.0	43.3	64.9		
99	65.0	50.9	76.3		

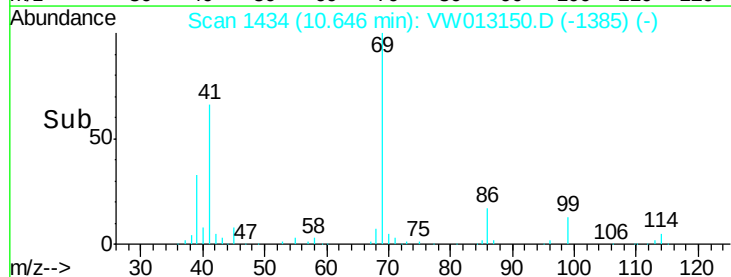
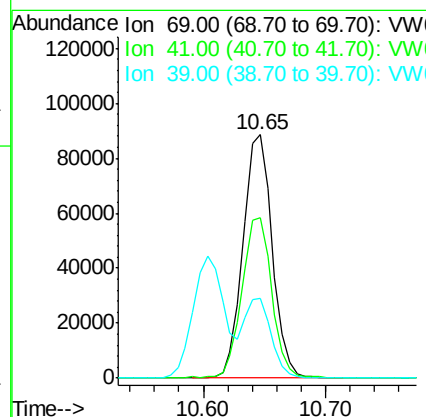
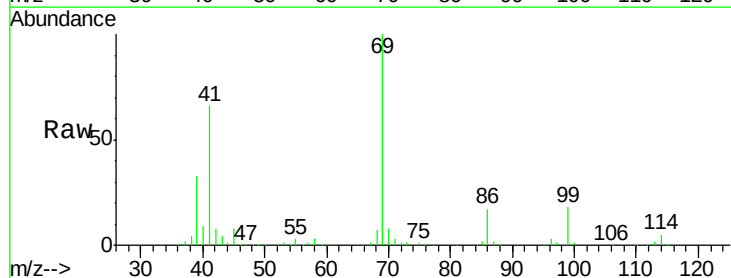
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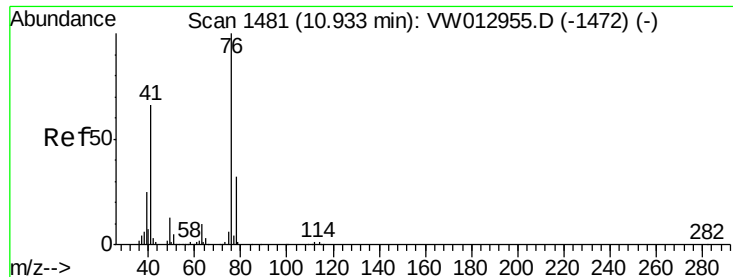
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#56
 Ethyl methacrylate
 Concen: 55.088 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		146340		
41	66.6	60.8	91.2		
39	29.9	29.4	44.0		





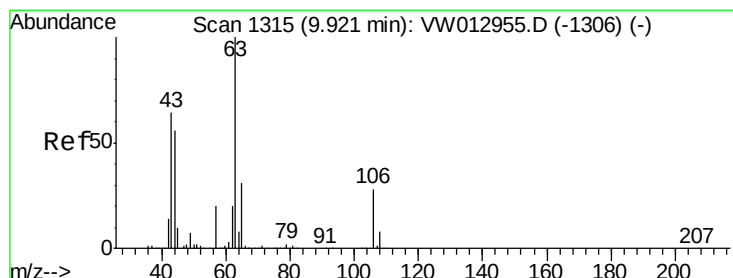
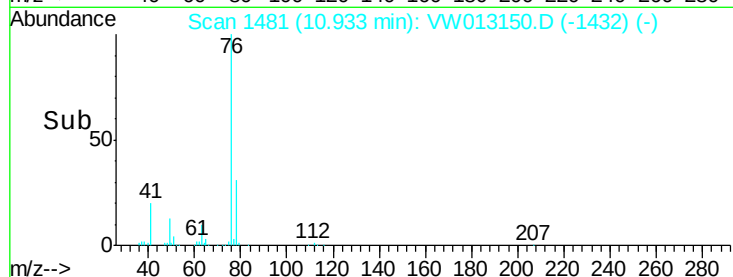
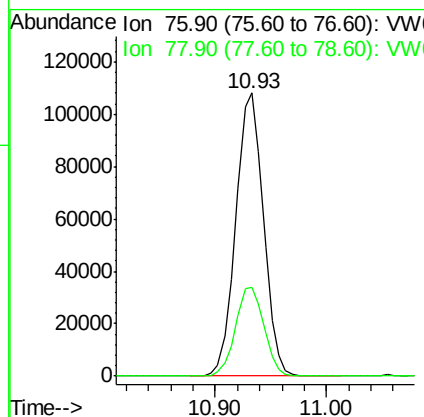
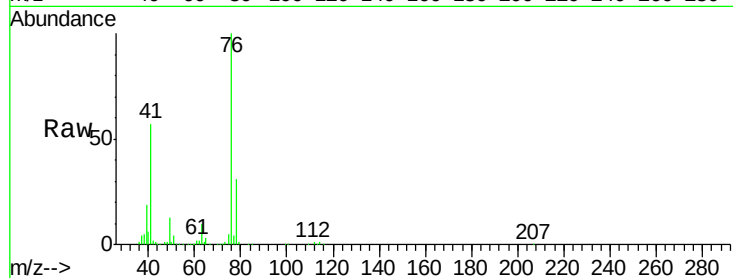
#57
 1,3-Dichloropropane
 Concen: 53.054 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.6	38.4

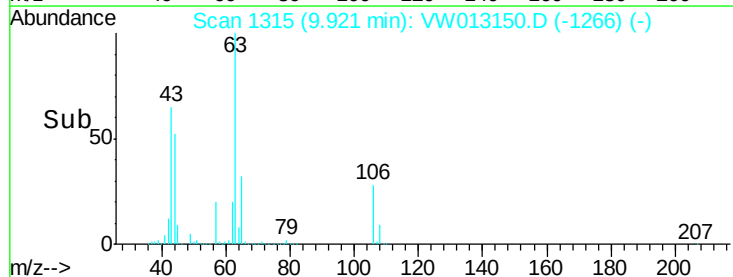
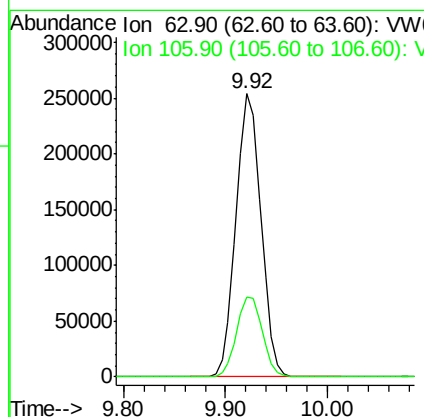
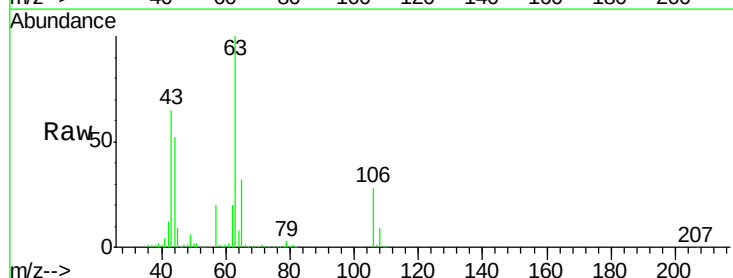
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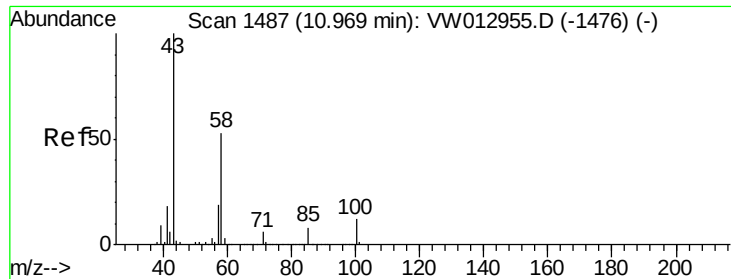
MMDadoda
 9/19/2019 11:21:44 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 301.837 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.2	22.2	33.2





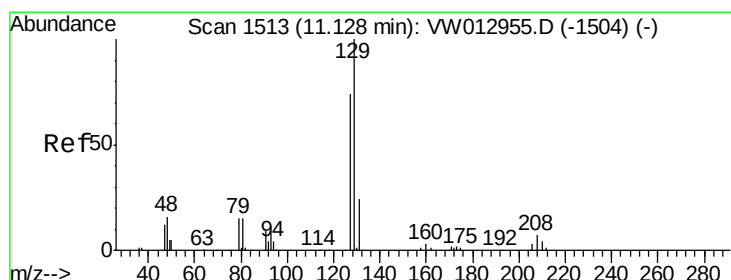
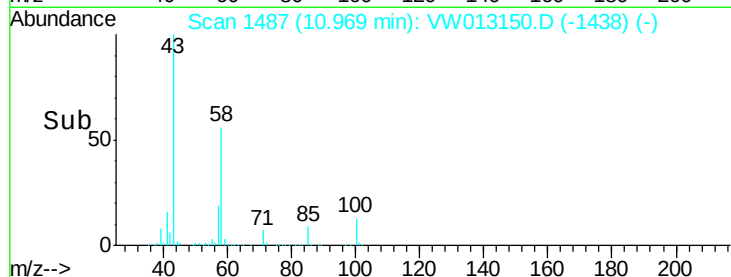
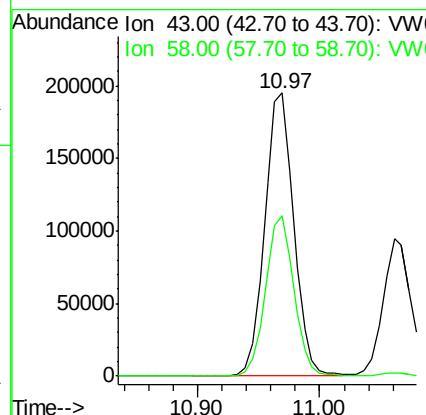
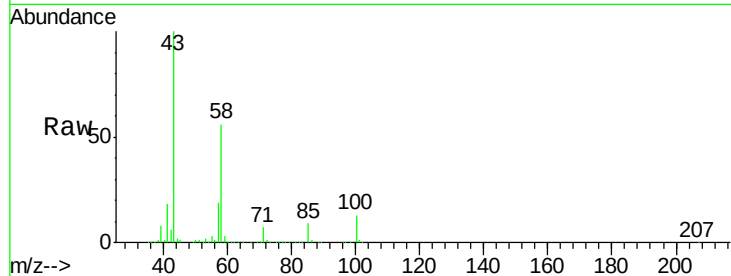
#59
2-Hexanone
Concen: 241.061 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 321982
Ion Ratio Lower Upper
43 100
58 55.5 25.8 77.3

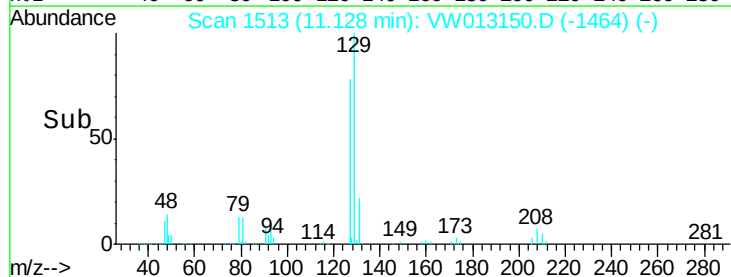
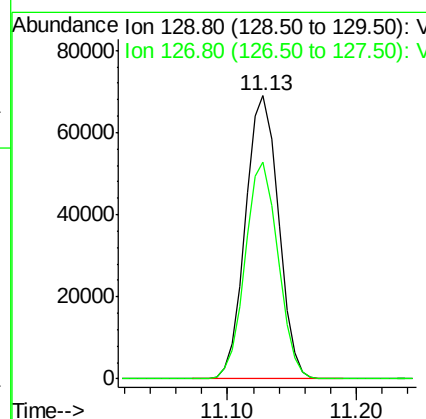
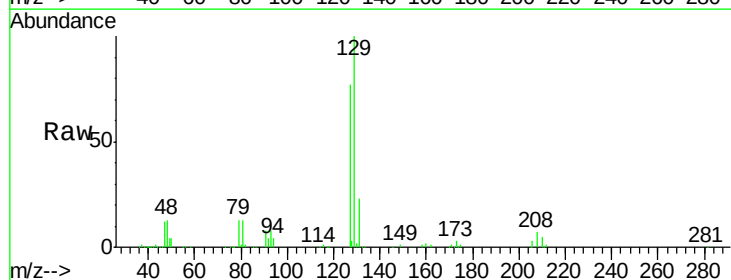
Manual Integrations
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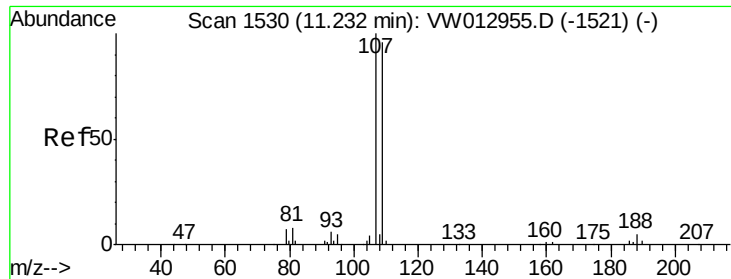
MMDadoda
9/19/2019 11:21:44 AM



#60
Dibromochloromethane
Concen: 51.169 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Tgt Ion: 129 Resp: 122091
Ion Ratio Lower Upper
129 100
127 76.6 37.4 112.2





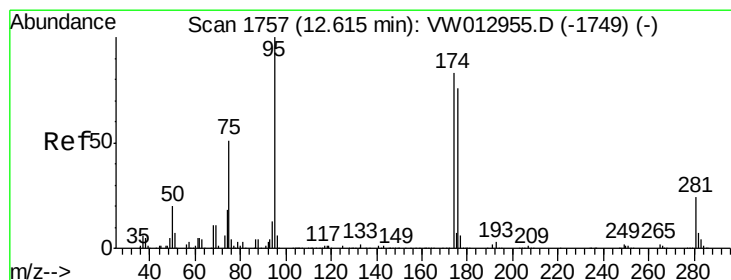
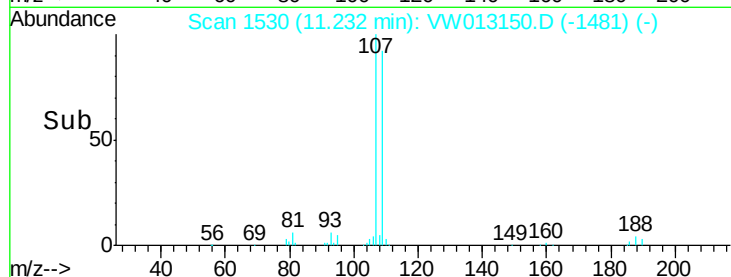
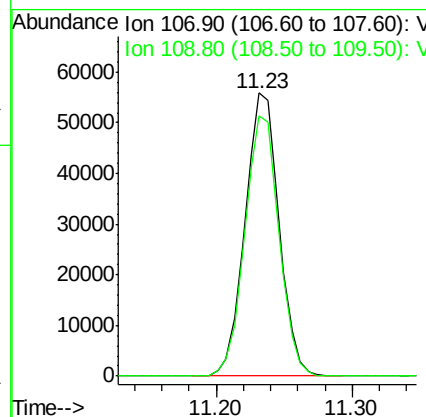
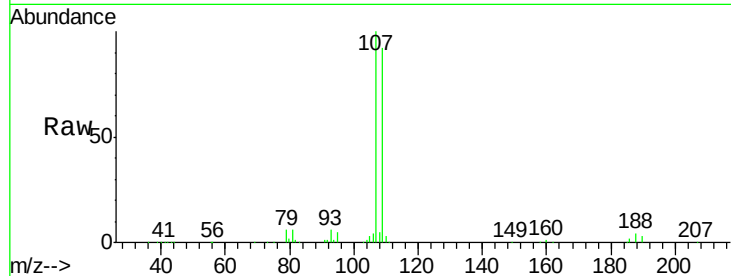
#61
 1,2-Dibromoethane
 Concen: 54.223 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	75.0	112.6

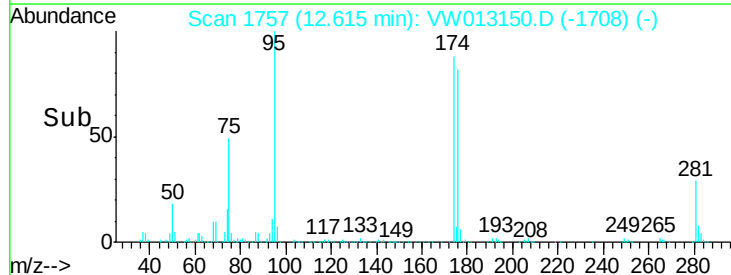
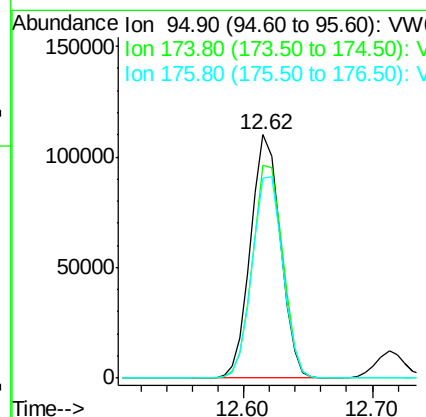
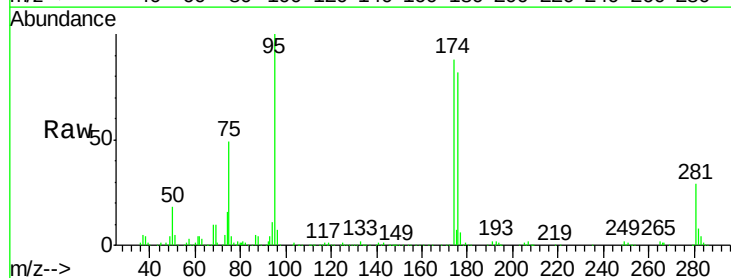
Manual Integrations
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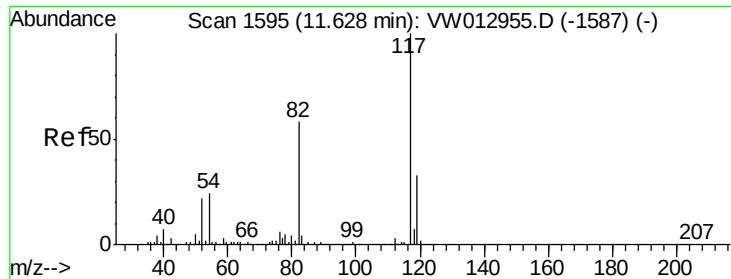
MMDadoda
 9/19/2019 11:21:44 AM



#62
 4-Bromofluorobenzene
 Concen: 50.556 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	170.4
176	85.1	0.0	164.6





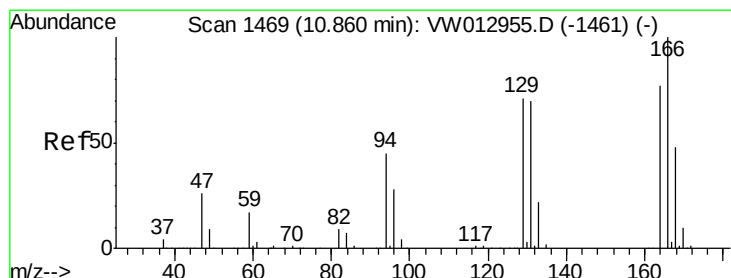
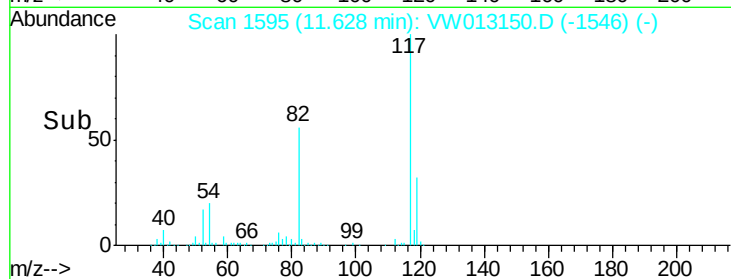
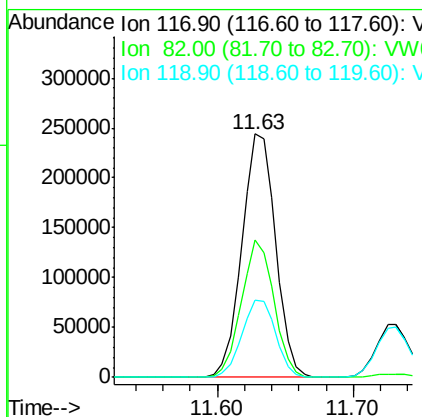
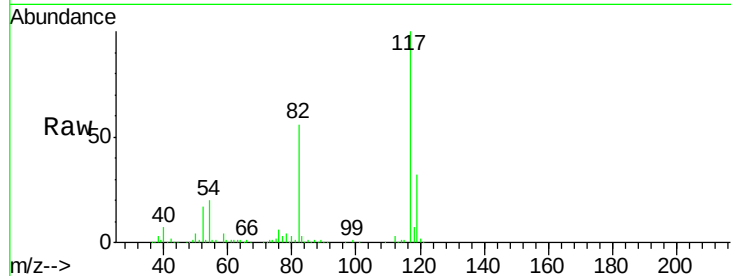
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.3	69.5
119	31.6	26.2	39.4

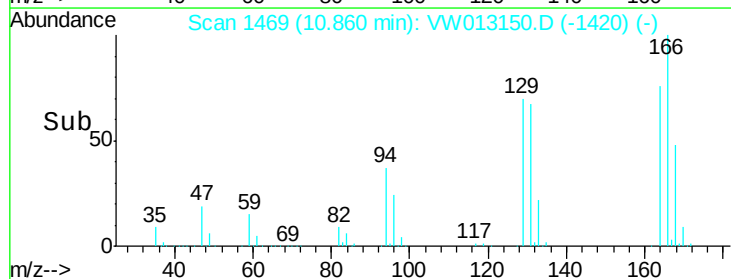
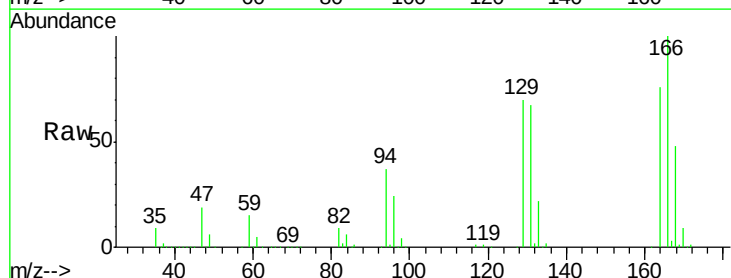
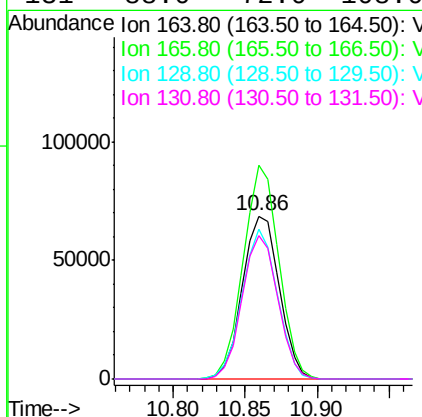
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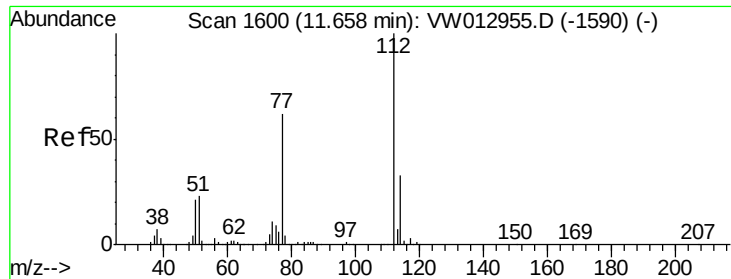
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#64
Tetrachloroethene
Concen: 48.399 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	103.3	154.9
129	91.7	73.8	110.8
131	88.0	72.0	108.0





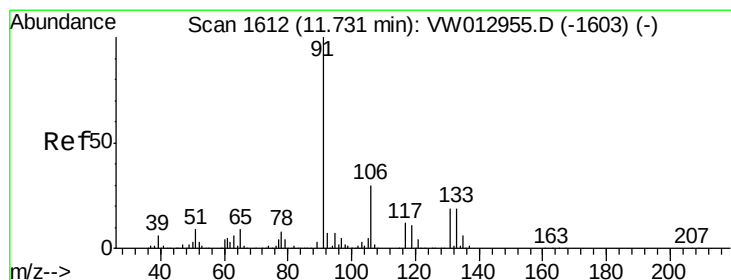
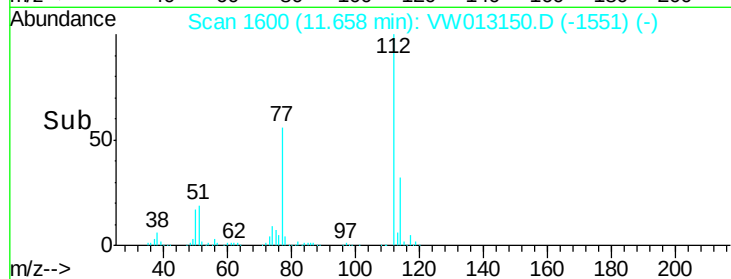
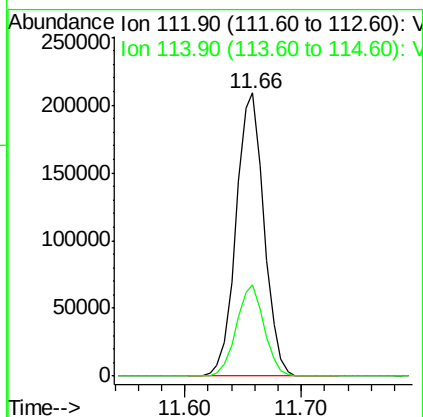
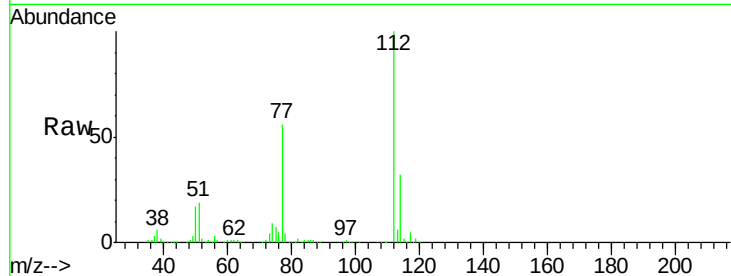
#65
Chlorobenzene
Concen: 46.212 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 347845
Ion Ratio Lower Upper
112 100
114 32.3 26.4 39.6

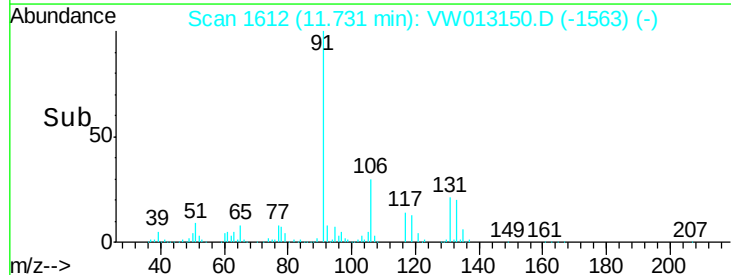
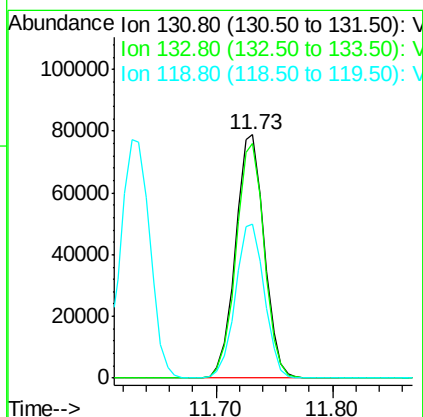
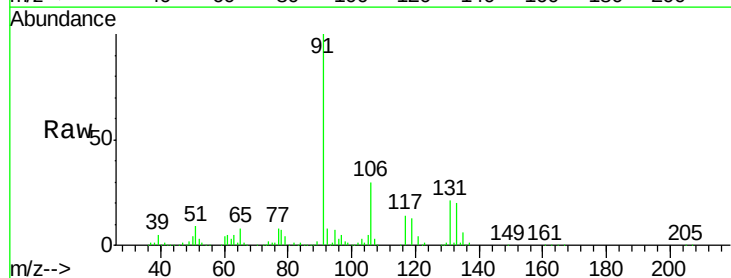
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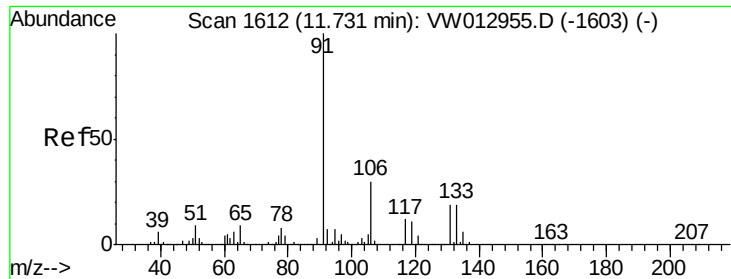
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.947 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Tgt Ion:131 Resp: 135420
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.8
119 63.7 30.9 92.7





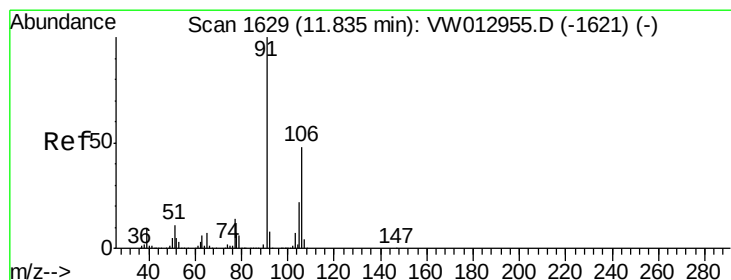
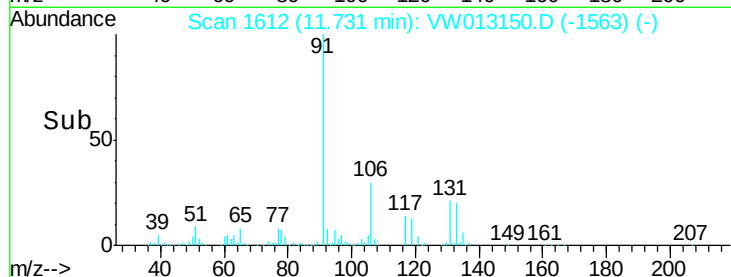
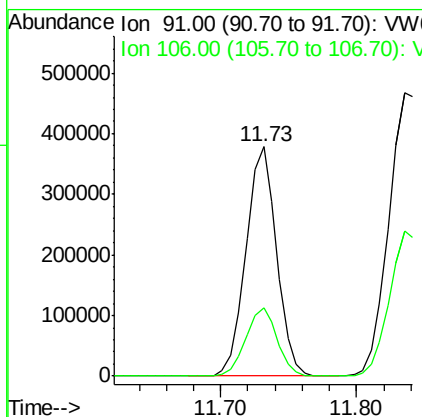
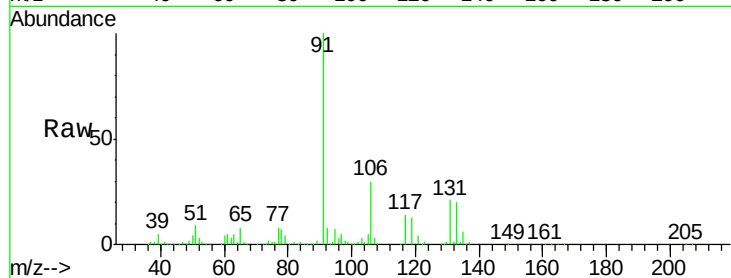
#67
Ethyl Benzene
Concen: 42.929 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 596795
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5

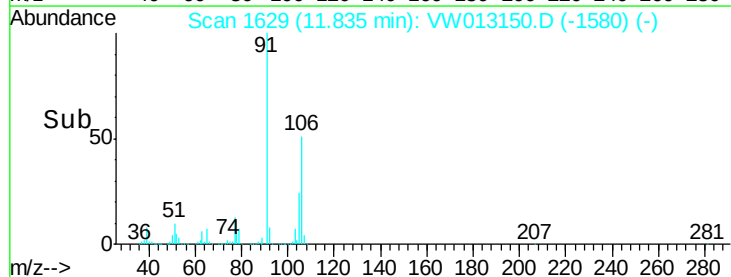
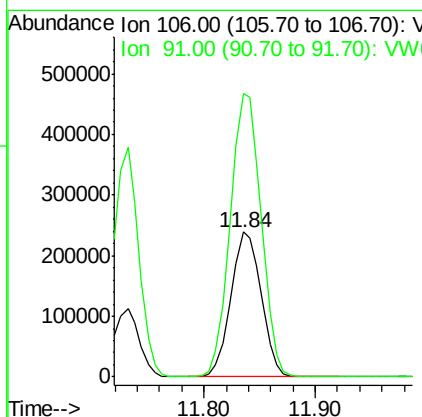
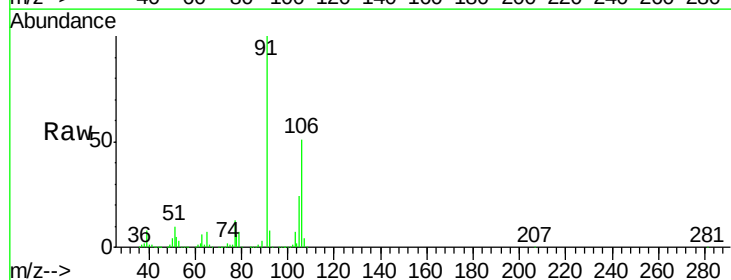
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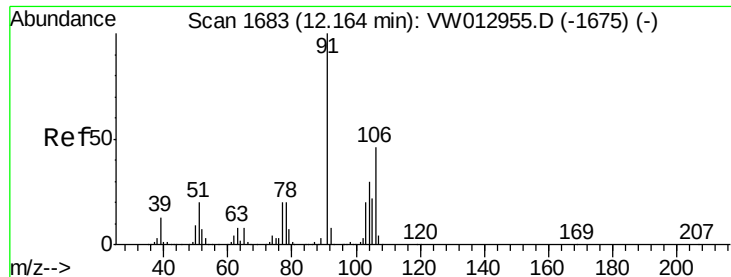
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#68
m/p-Xylenes
Concen: 88.630 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Tgt Ion: 106 Resp: 450107
Ion Ratio Lower Upper
106 100
91 199.1 165.8 248.8





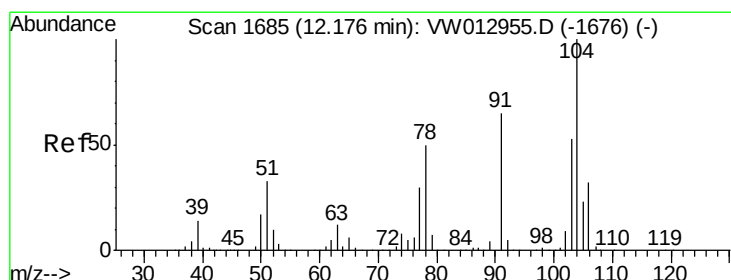
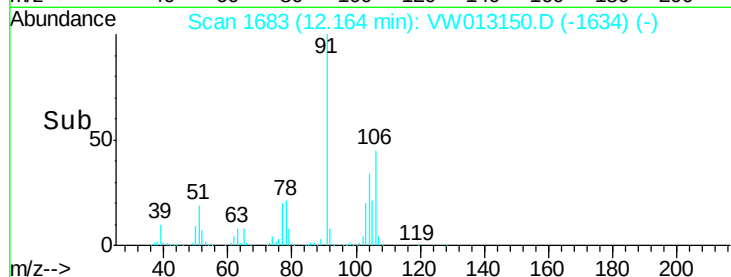
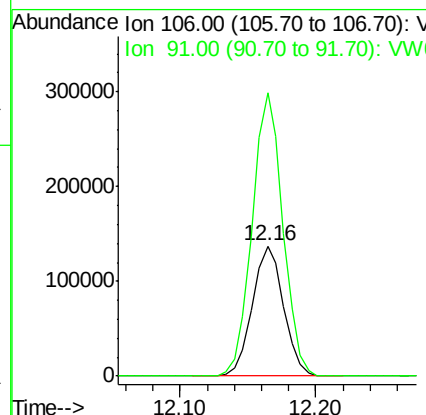
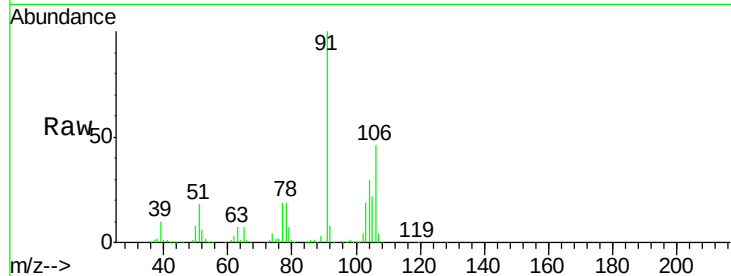
#69
o-Xylene
Concen: 46.415 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 220990
Ion Ratio Lower Upper
106 100
91 212.9 109.7 329.0

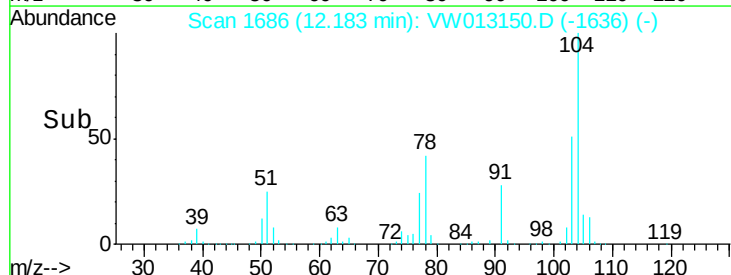
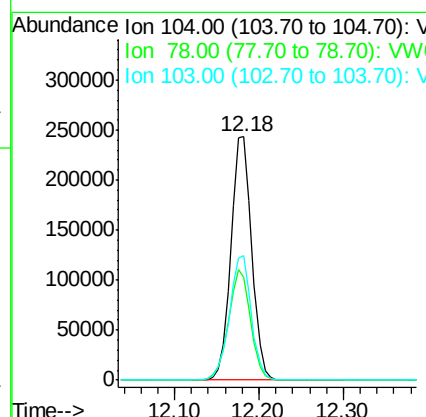
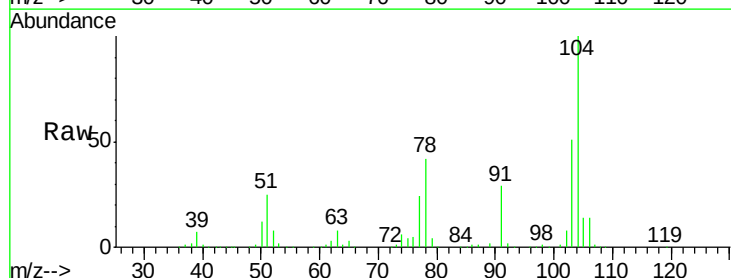
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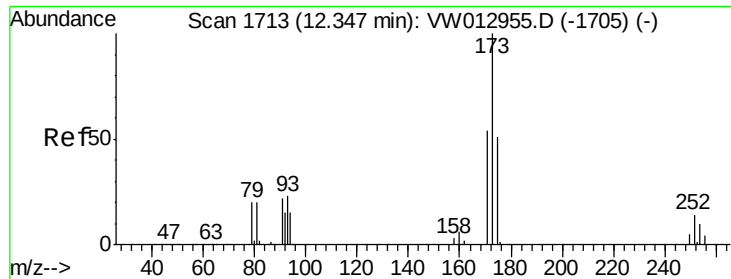
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#70
Styrene
Concen: 48.560 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Tgt Ion:104 Resp: 411285
Ion Ratio Lower Upper
104 100
78 47.9 42.1 63.1
103 53.9 44.2 66.4





#71

Bromoform

Concen: 49.979 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 75726

Ion Ratio Lower Upper

173 100

175 47.1 24.2 72.6

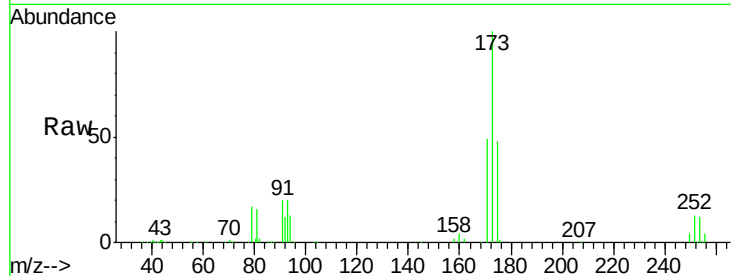
254 0.2 0.1 0.1#

Manual Integrations

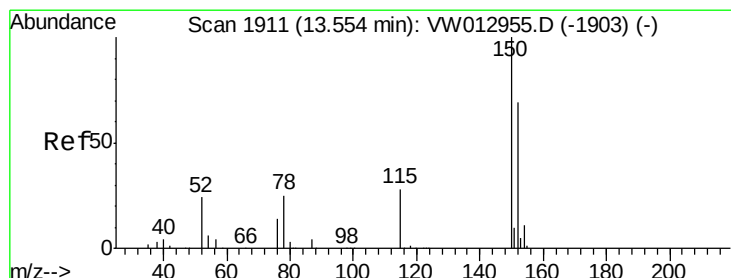
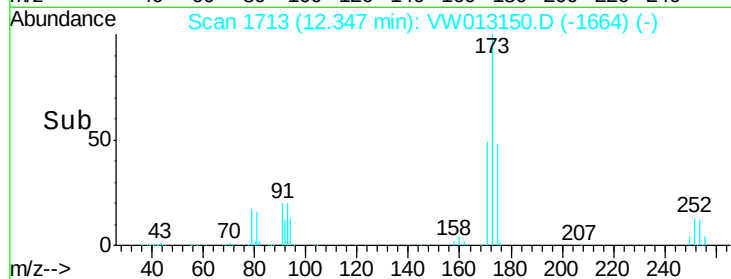
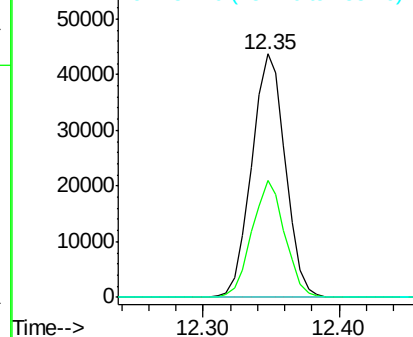
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

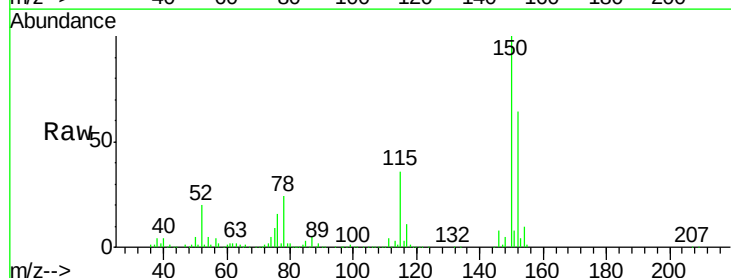
Tgt Ion:152 Resp: 215079

Ion Ratio Lower Upper

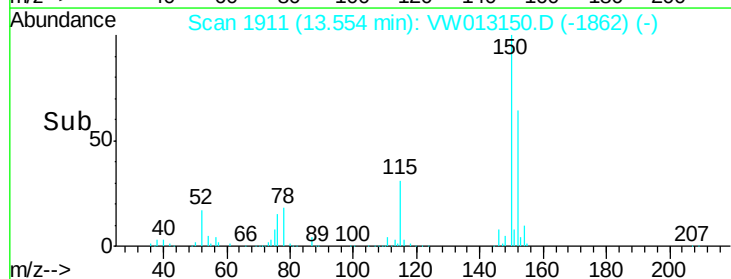
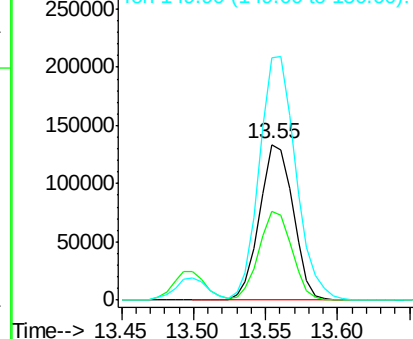
152 100

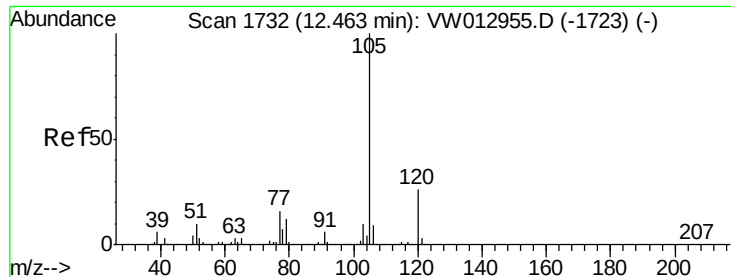
115 56.1 28.8 86.4

150 170.0 0.0 340.2



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: 41.856 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 596698

Ion Ratio Lower Upper

105 100

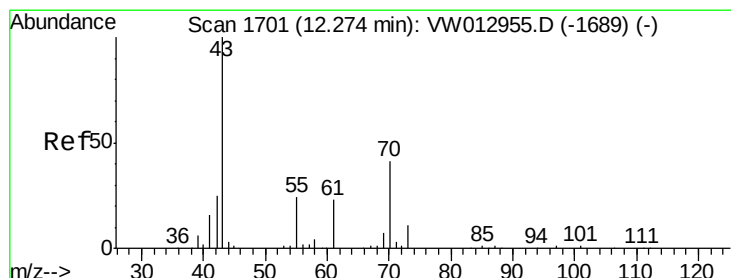
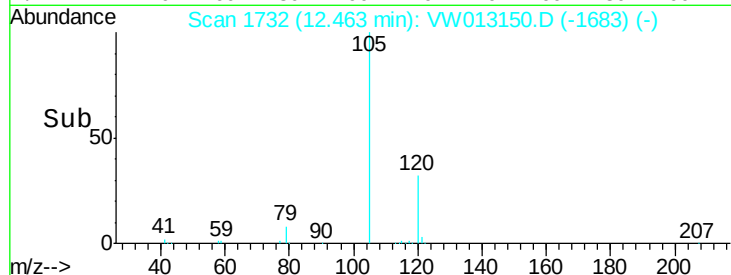
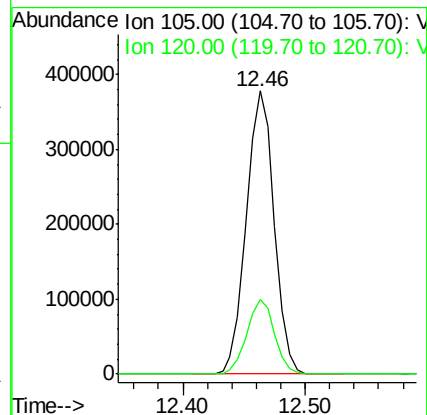
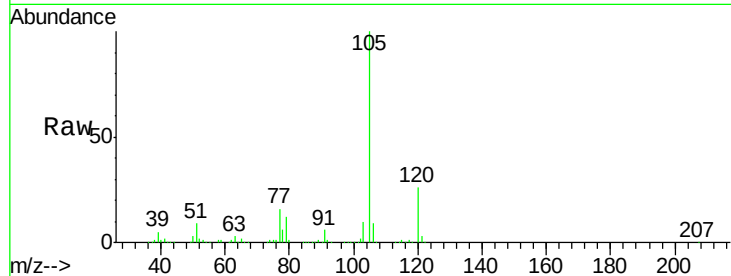
120 26.2 13.0 39.0

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#74

N-ethyl acetate

Concen: 44.378 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Tgt Ion: 43 Resp: 162745

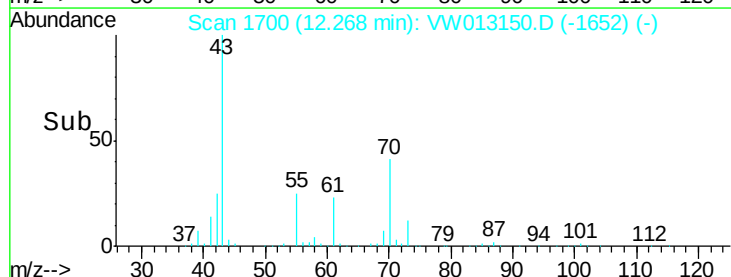
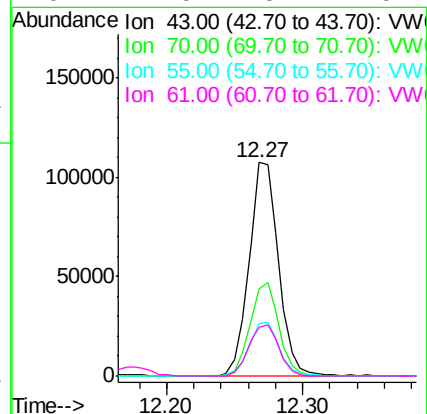
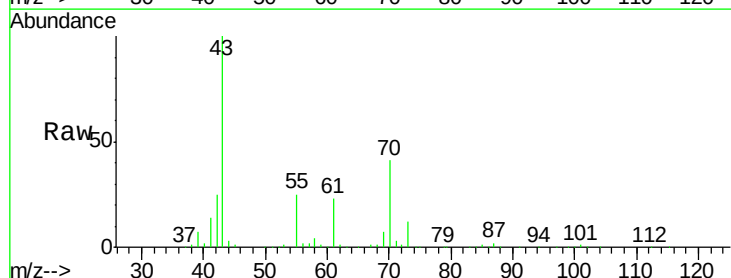
Ion Ratio Lower Upper

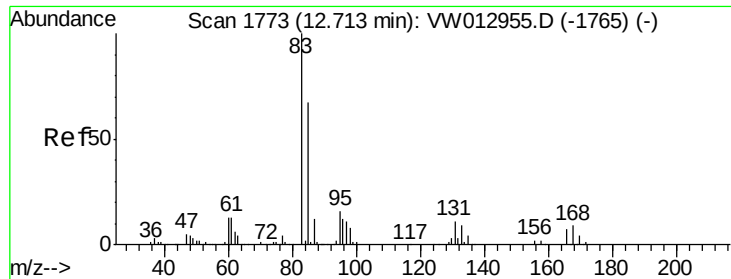
43 100

70 43.2 31.7 47.5

55 25.7 19.4 29.2

61 24.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.455 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

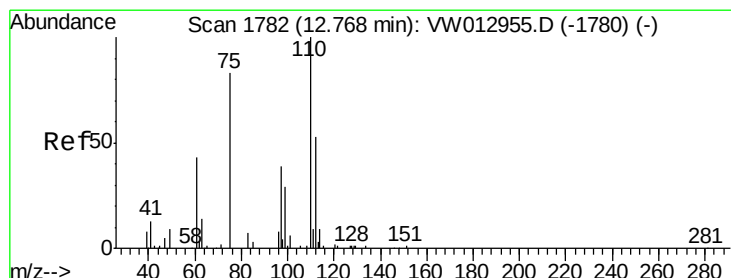
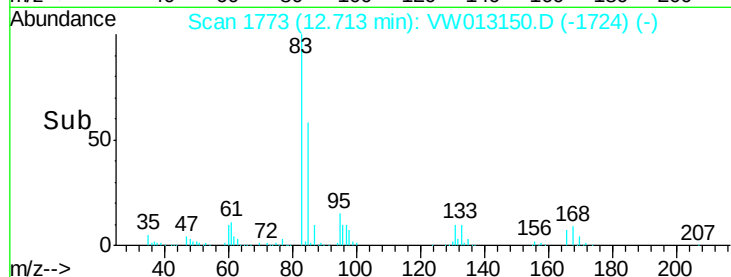
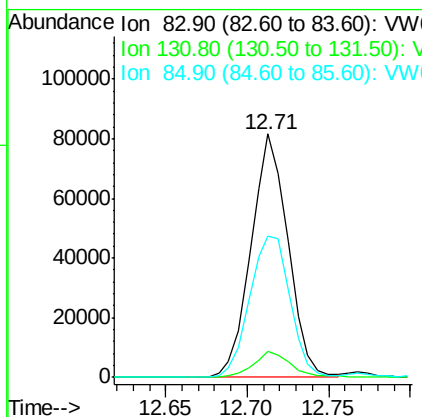
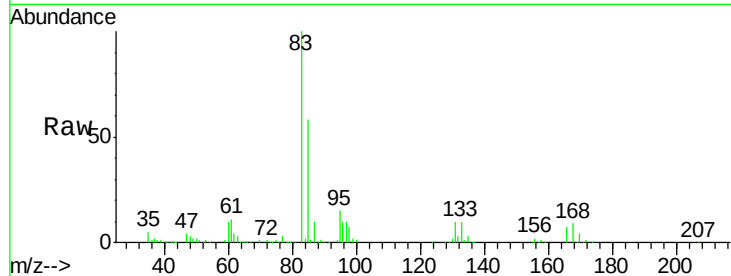
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	128837
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.1
85	63.4	31.4	94.3

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#76

1,2,3-Trichloropropane

Concen: 42.939 ug/l m

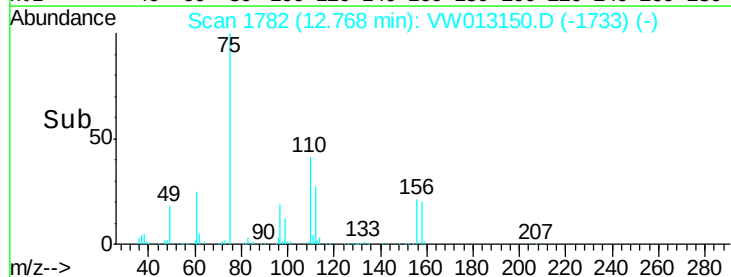
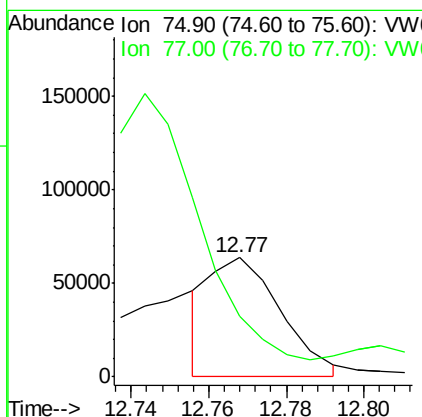
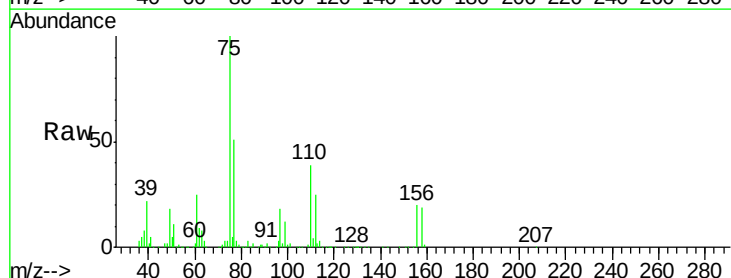
RT: 12.77 min Scan# 1782

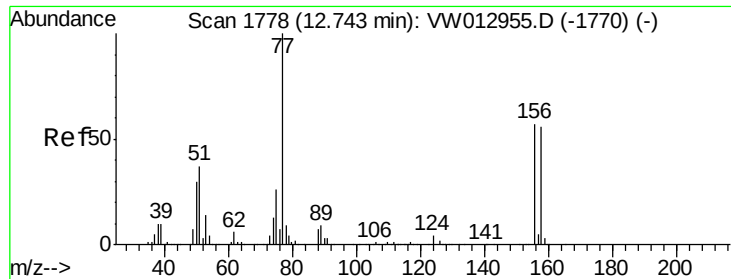
Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Tgt Ion:	75	Resp:	80893
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.853 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

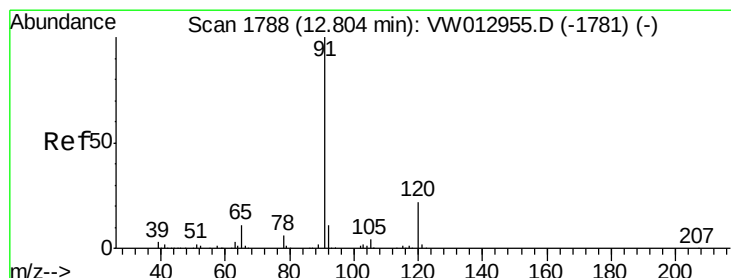
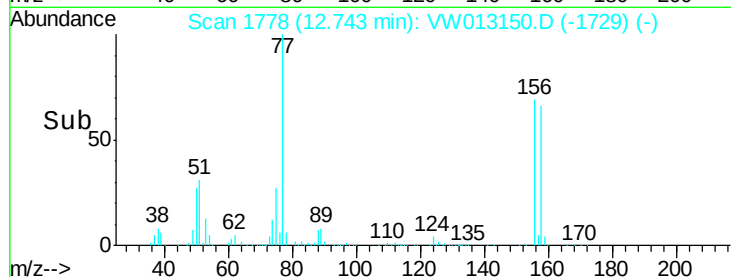
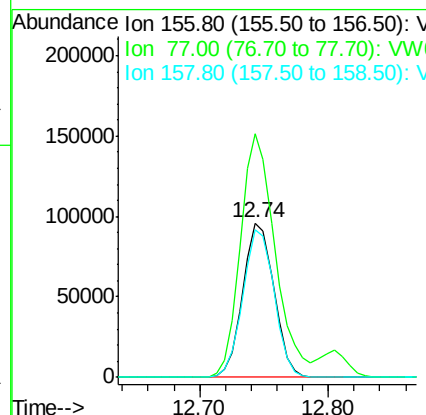
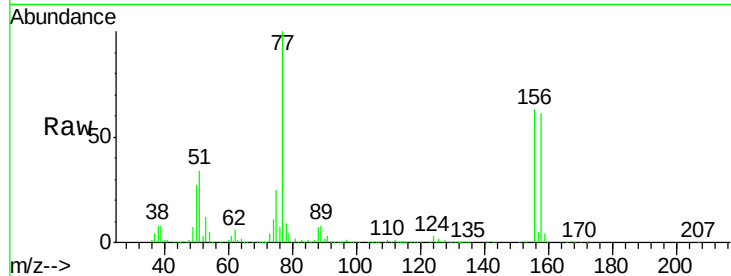
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	160444
Ion Ratio	Lower	Upper	
156	100		
77	176.2	95.2	285.6
158	95.8	49.0	147.2

Manual Integrations
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#78

n-propylbenzene

Concen: 40.125 ug/l

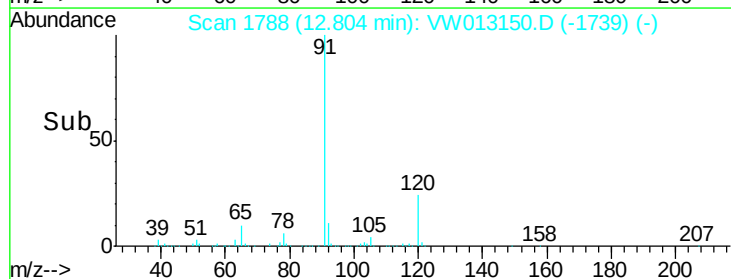
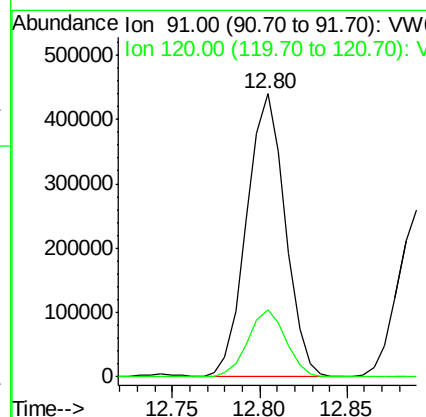
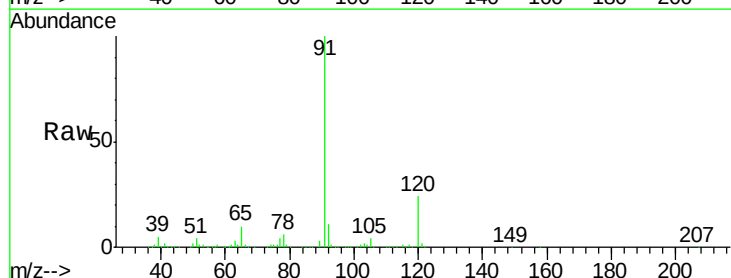
RT: 12.80 min Scan# 1788

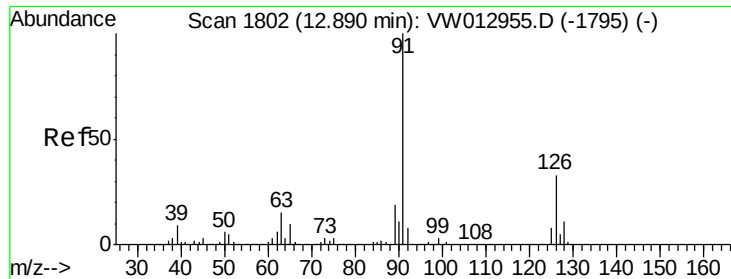
Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Tgt Ion:	91	Resp:	672879
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.2	33.5





#79

2-Chlorotoluene

Concen: 42.990 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013150.D

Acq: 19 Sep 2019 08:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 414420

Ion Ratio Lower Upper

91 100

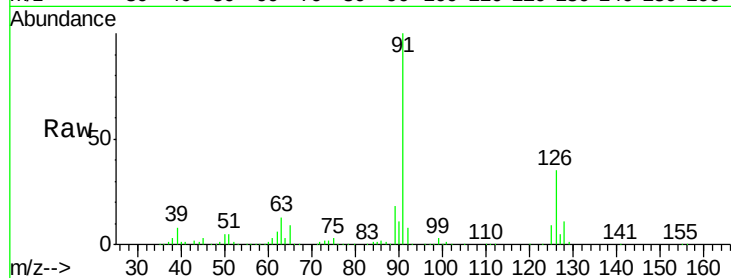
126 34.4 16.5 49.5

Manual Integrations

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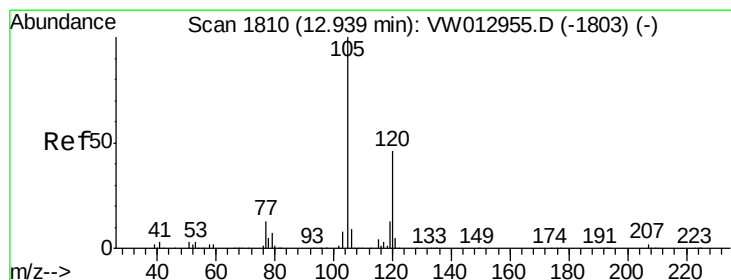
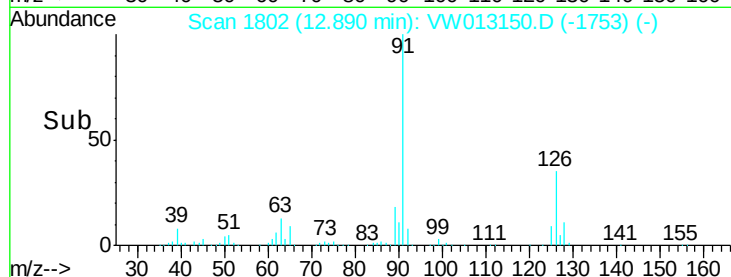
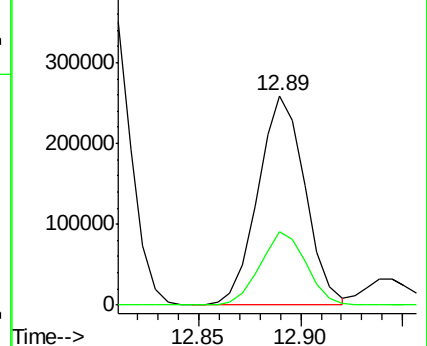
MMDadoda

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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: 42.104 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW013150.D

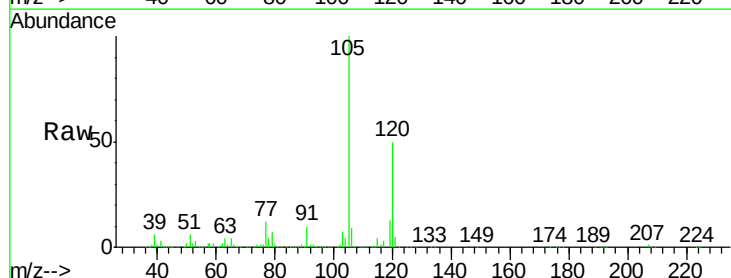
Acq: 19 Sep 2019 08:49

Tgt Ion:105 Resp: 507795

Ion Ratio Lower Upper

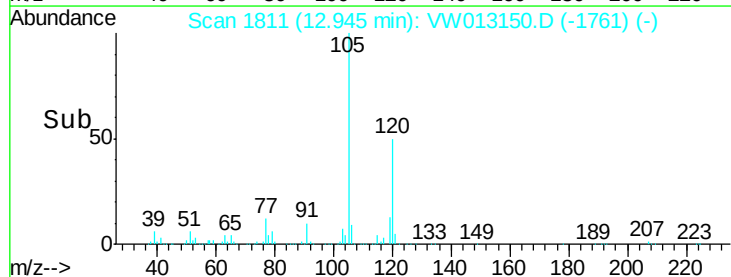
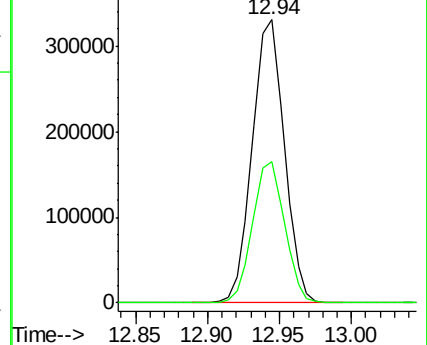
105 100

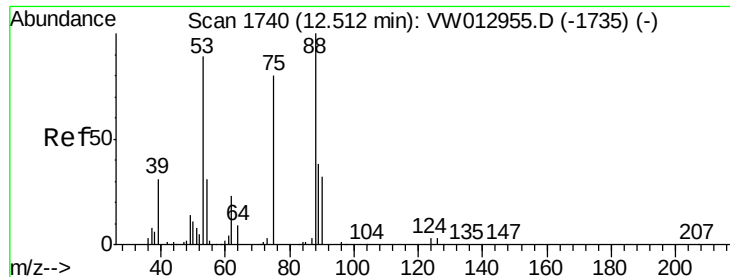
120 50.1 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





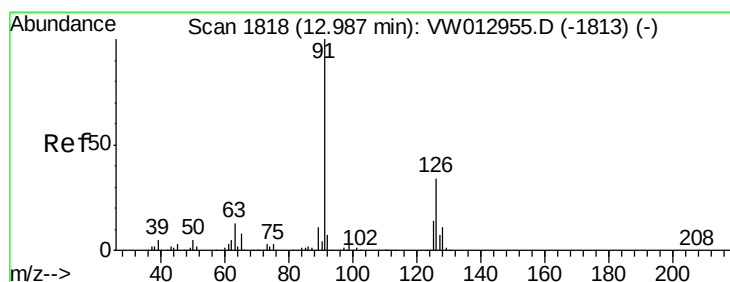
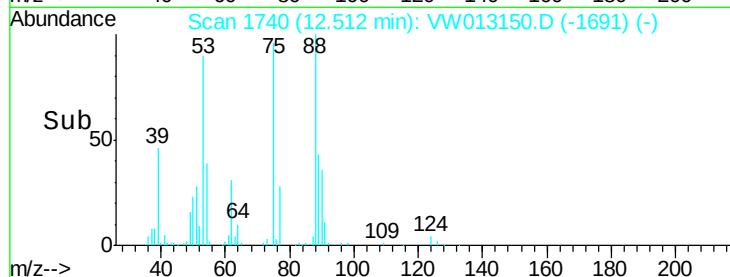
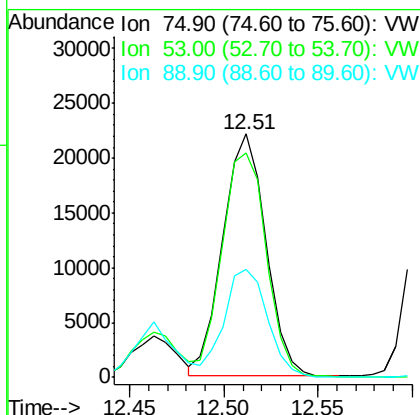
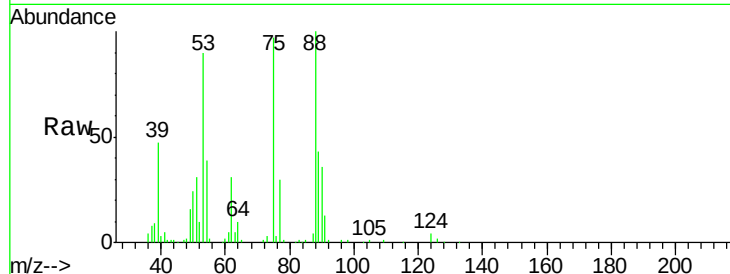
#81
trans-1,4-Dichloro-2-butene
Concen: 42.196 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.6	85.6	128.4
89	44.8	37.2	55.8

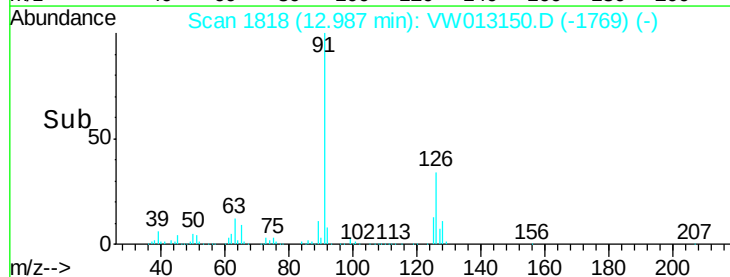
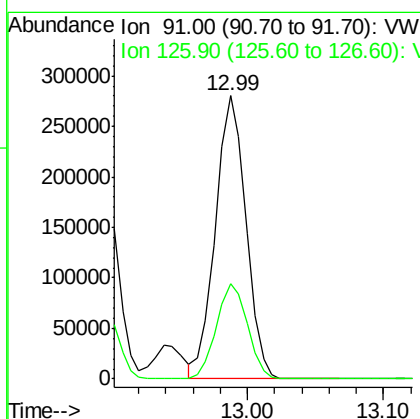
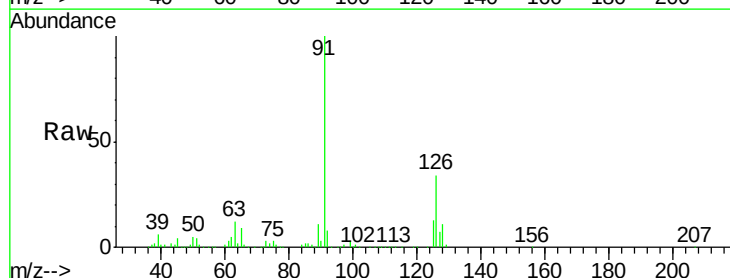
Manual Integrations
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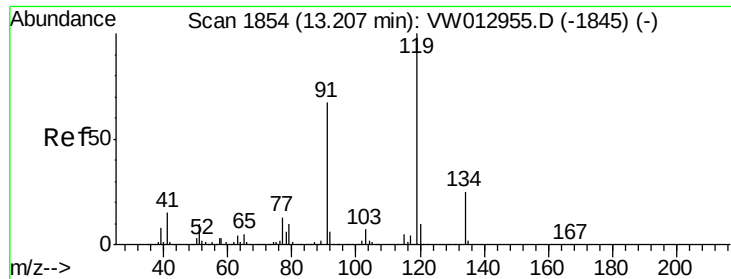
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#82
4-Chlorotoluene
Concen: 42.769 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	16.1	48.3





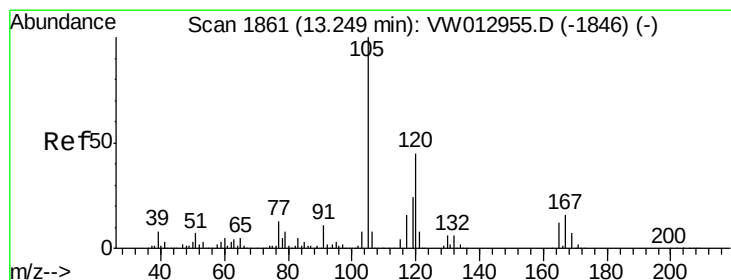
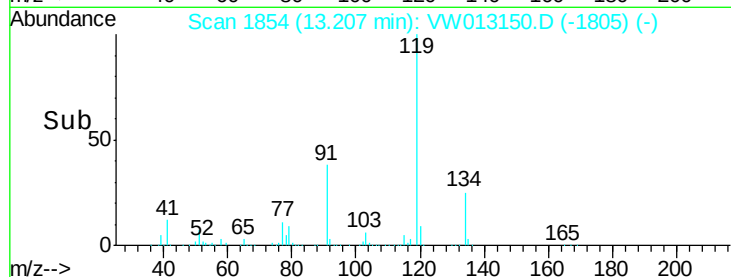
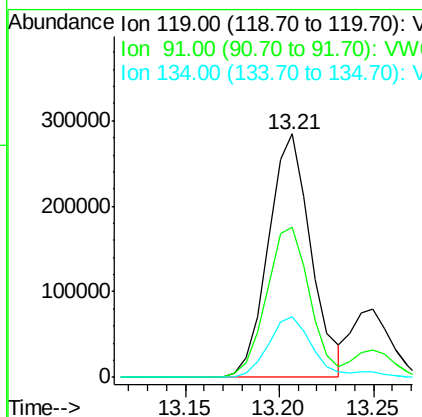
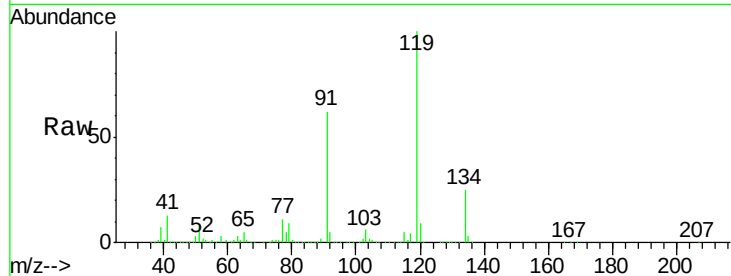
#83
 tert-Butylbenzene
 Concen: 41.430 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	32.6	98.0
134	27.0	12.4	37.4

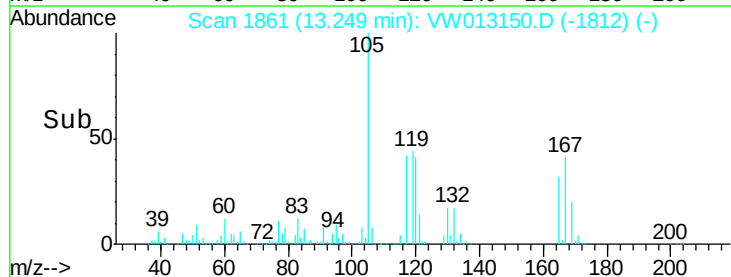
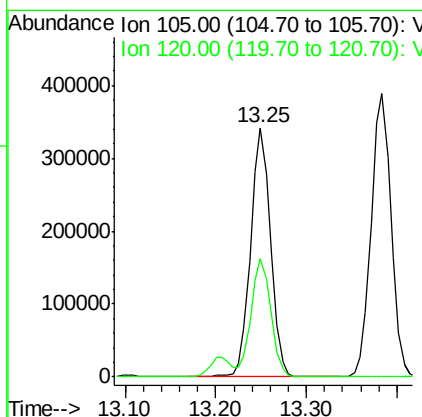
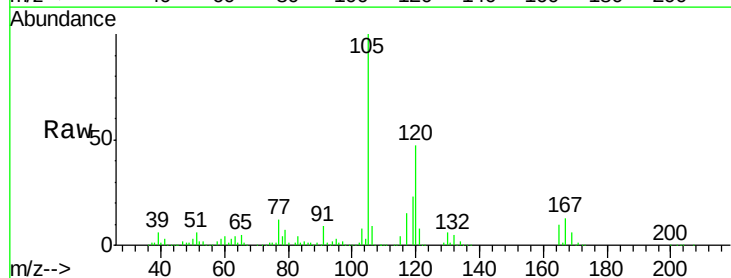
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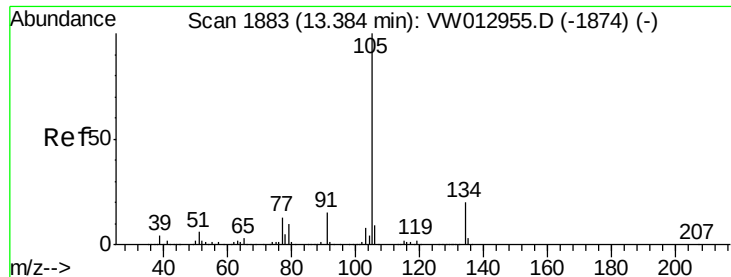
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#84
 1,2,4-Trimethylbenzene
 Concen: 43.626 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	21.9	65.7





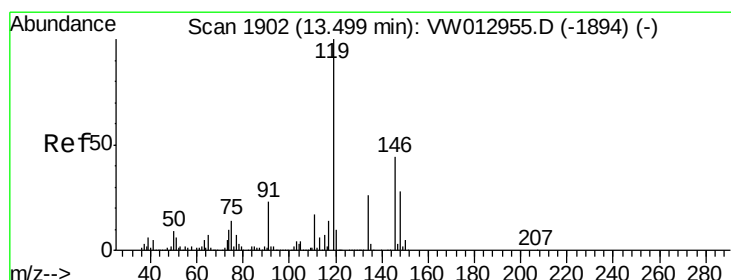
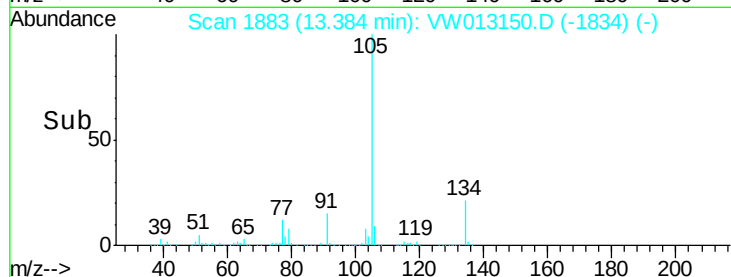
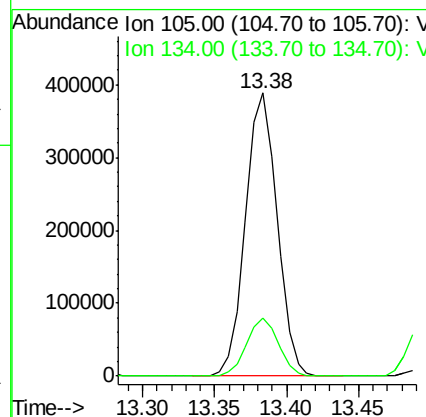
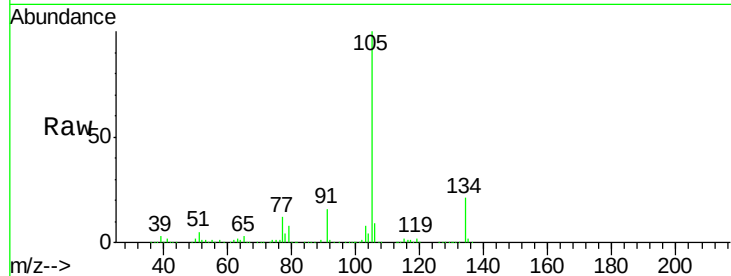
#85
 sec-Butylbenzene
 Concen: 40.276 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.2	30.4

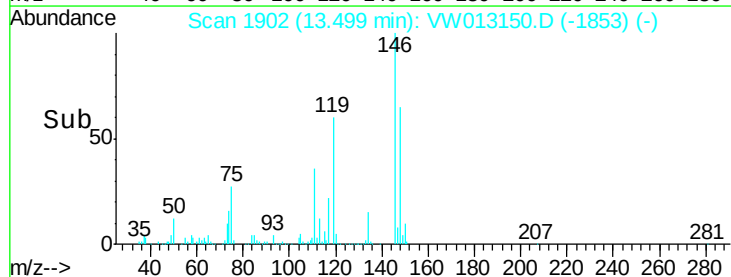
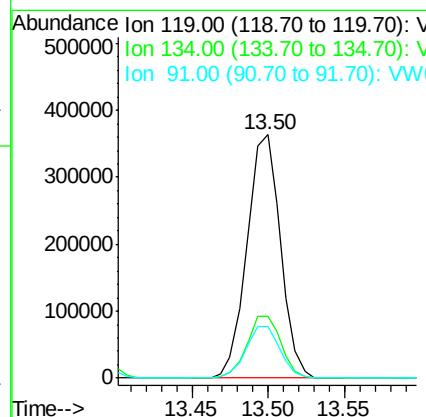
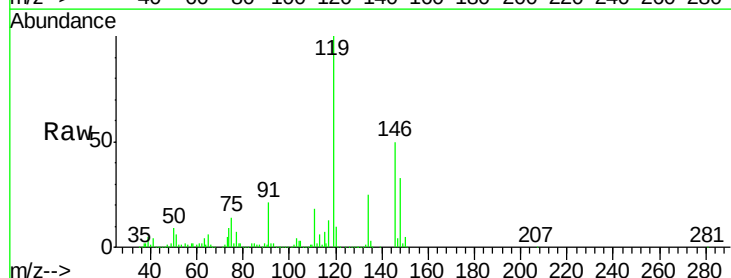
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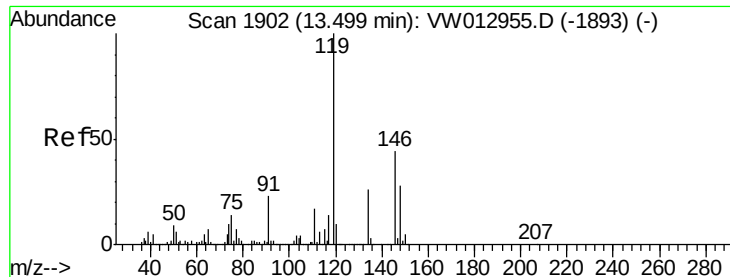
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#86
 p-Isopropyltoluene
 Concen: 40.846 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.8	38.3
91	21.7	11.8	35.4





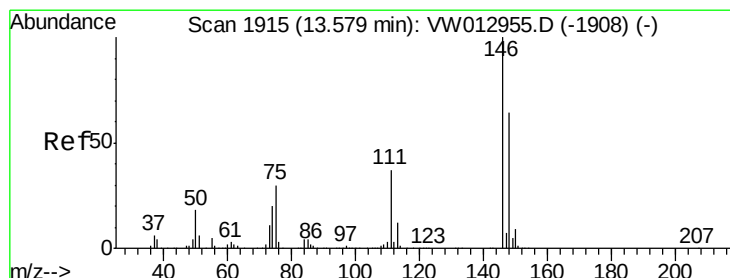
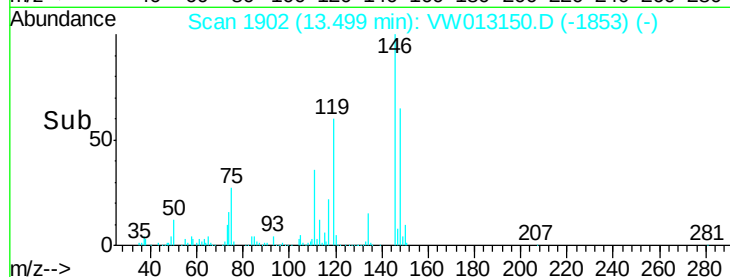
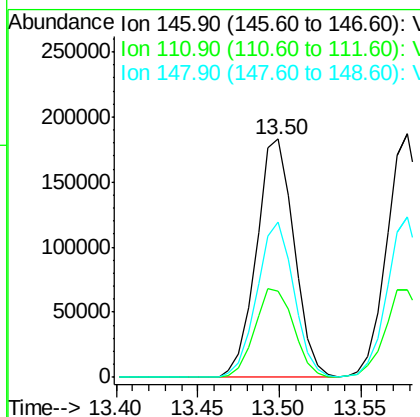
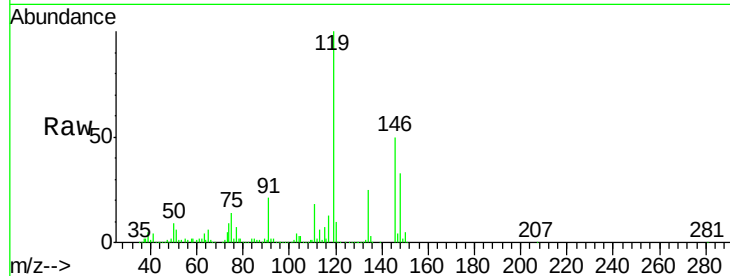
#87
 1,3-Dichlorobenzene
 Concen: 45.321 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	294650		
111	38.6	19.8	59.4	
148	63.8	31.9	95.7	

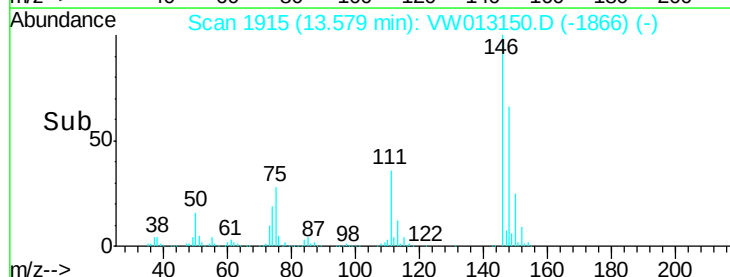
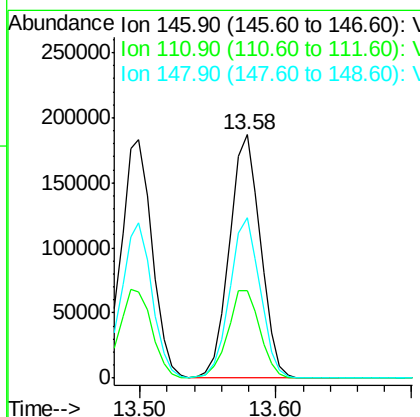
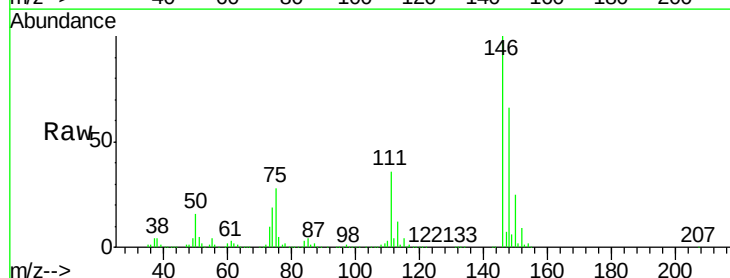
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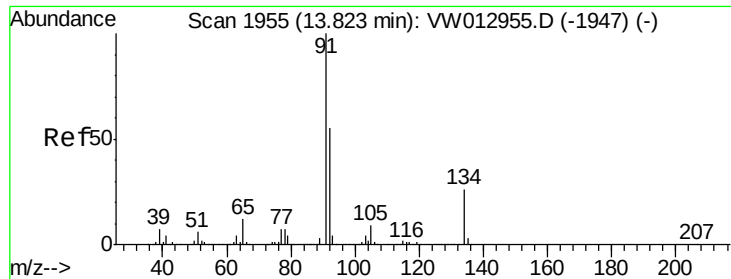
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#88
 1,4-Dichlorobenzene
 Concen: 46.400 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	296449		
111	37.0	19.4	58.2	
148	64.4	31.9	95.5	





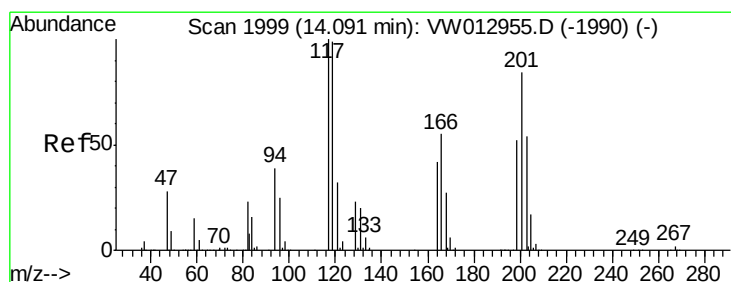
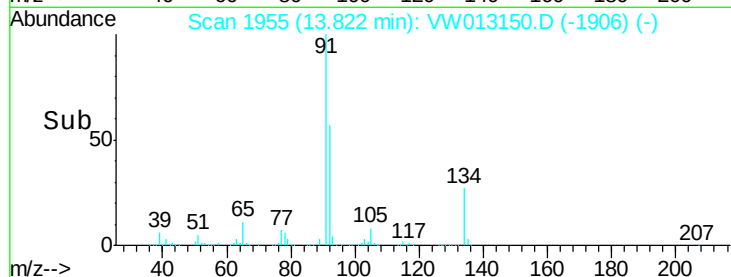
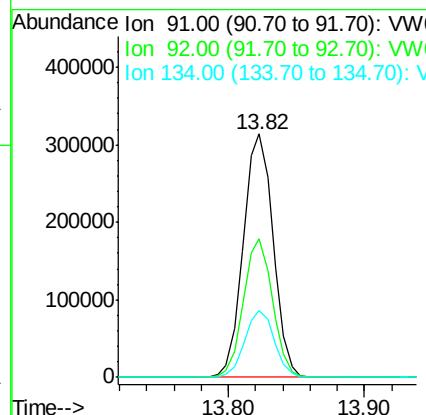
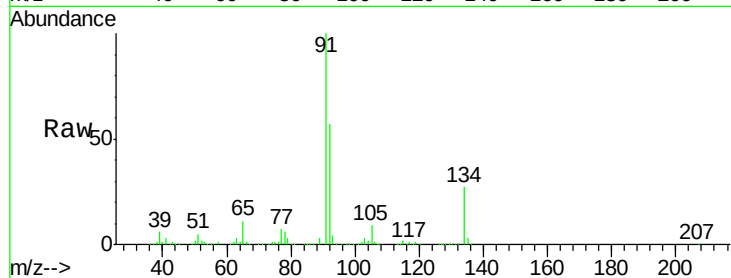
#89
n-Butylbenzene
Concen: 37.903 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.2	81.5
134	27.0	13.1	39.1

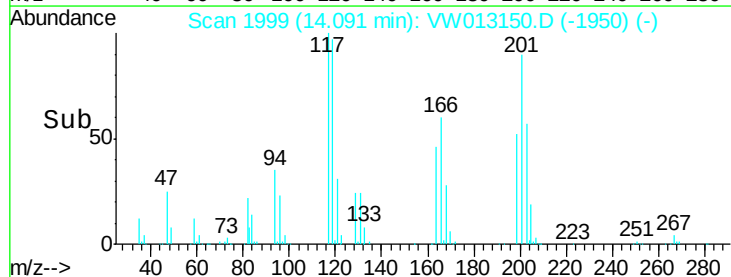
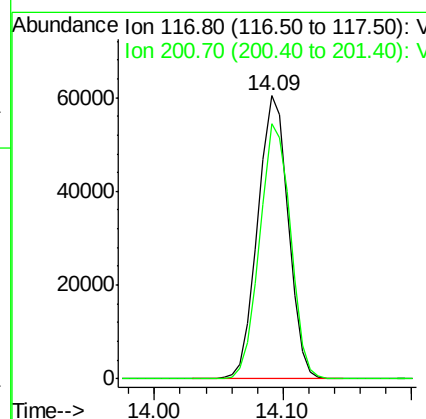
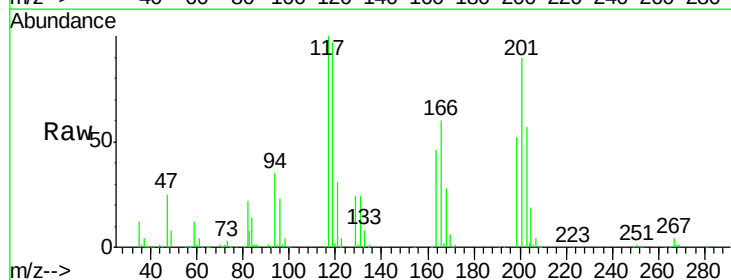
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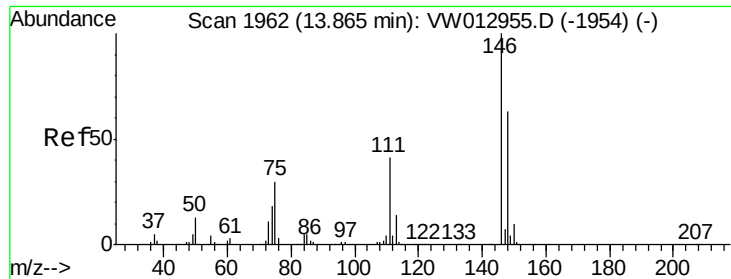
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#90
Hexachloroethane
Concen: 40.841 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.8	45.3	135.9





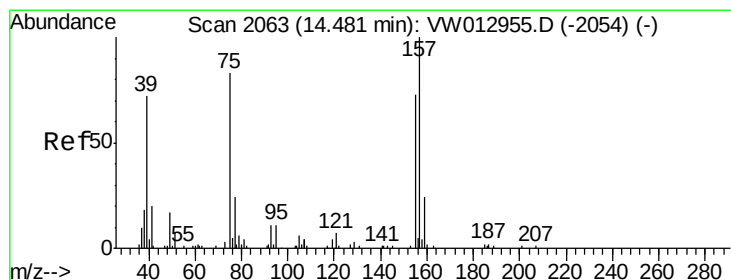
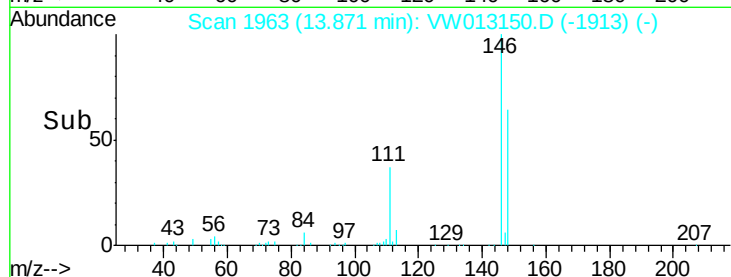
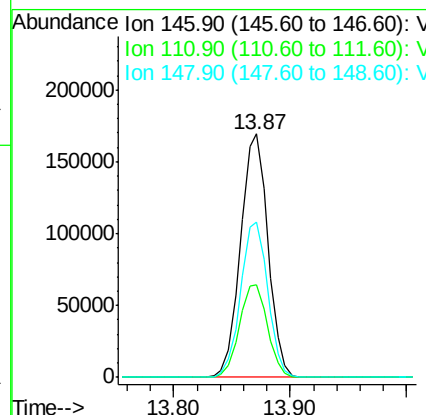
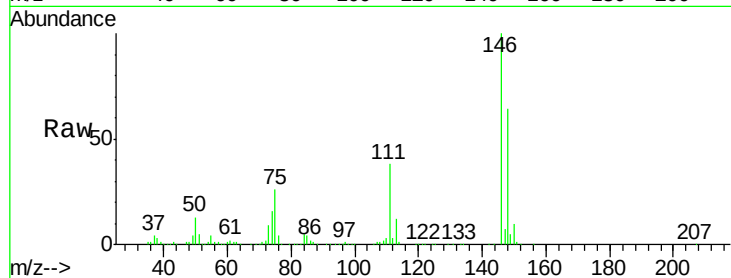
#91
 1,2-Dichlorobenzene
 Concen: 48.591 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.8	62.5
148	63.7	32.7	98.1

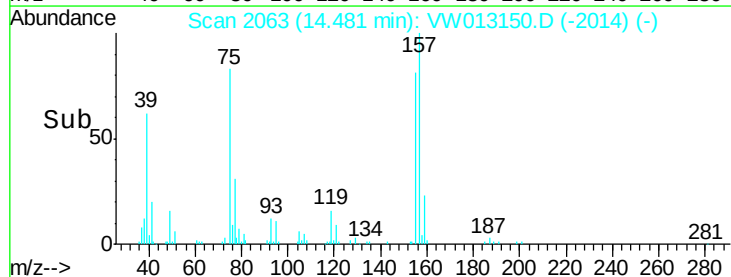
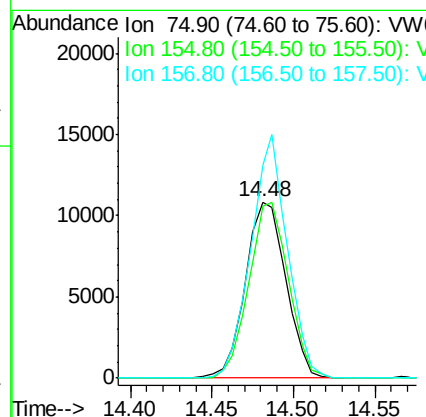
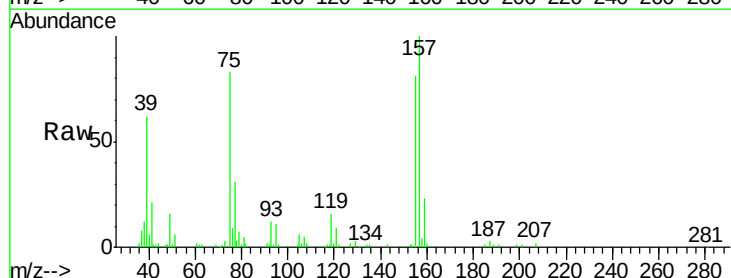
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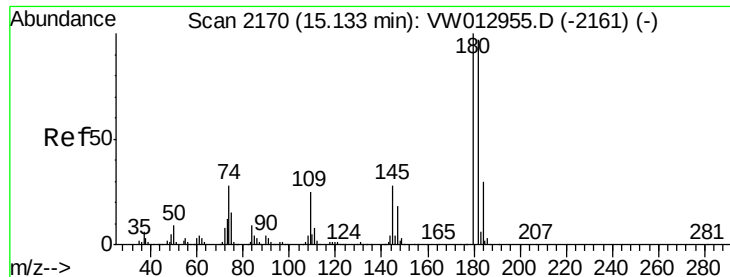
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.832 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.7	43.3	129.9
157	124.9	54.7	164.1





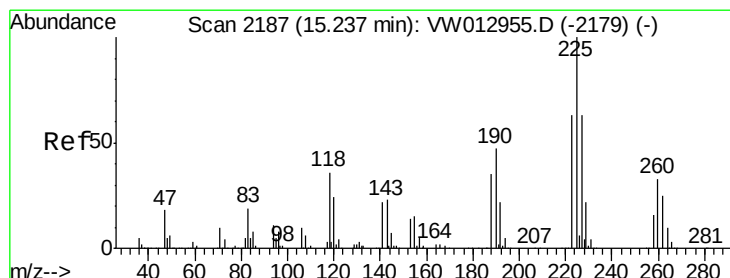
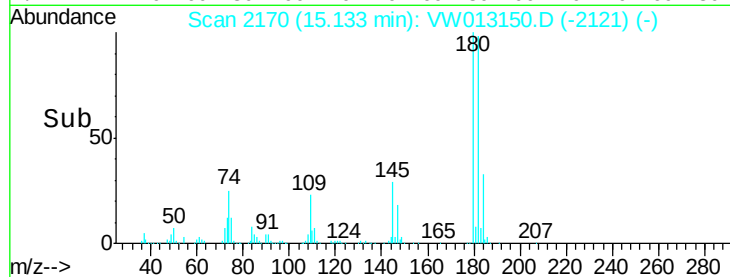
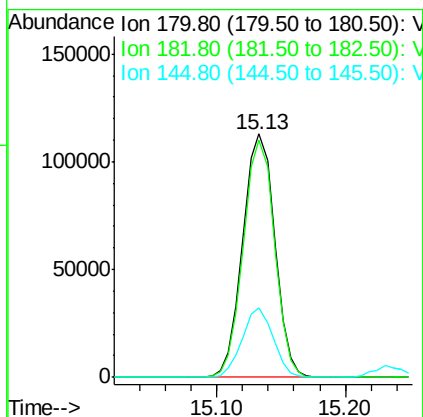
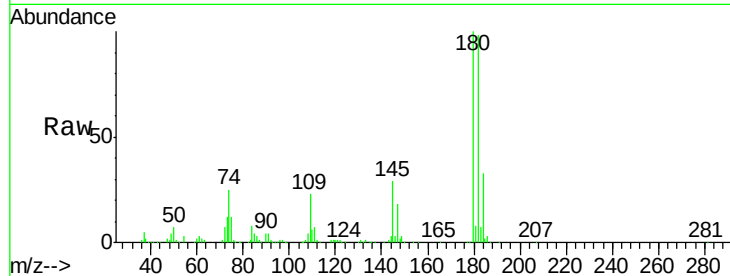
#93
 1,2,4-Trichlorobenzene
 Concen: 47.483 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	193608		
182	95.3	47.4	142.2	
145	27.9	14.9	44.7	

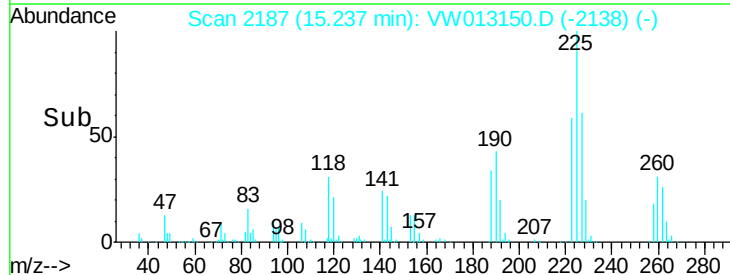
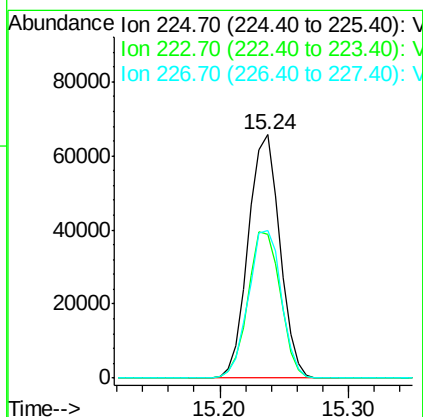
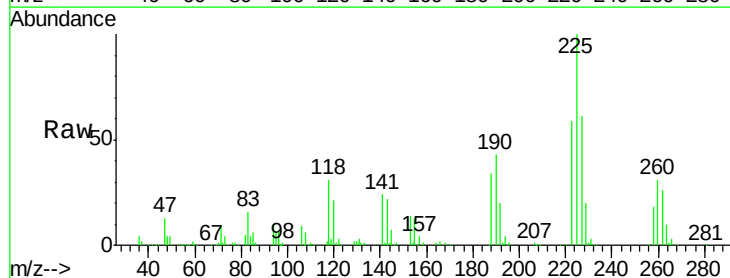
Manual Integrations
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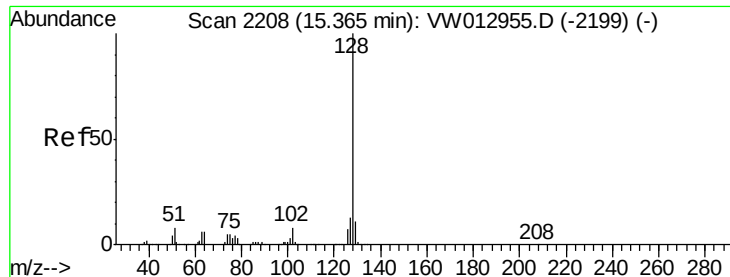
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 9/19/2019 11:21:44 AM



#94
 Hexachlorobutadiene
 Concen: 38.392 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013150.D
 Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	110820		
223	61.8	31.8	95.3	
227	63.0	31.3	93.8	





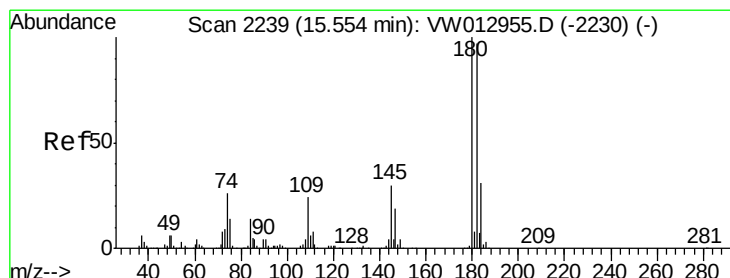
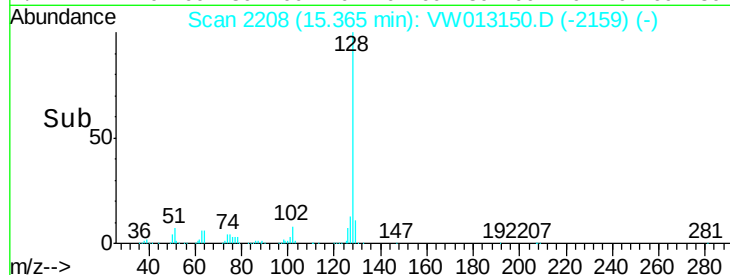
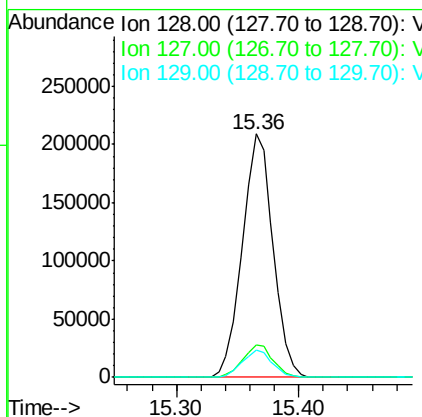
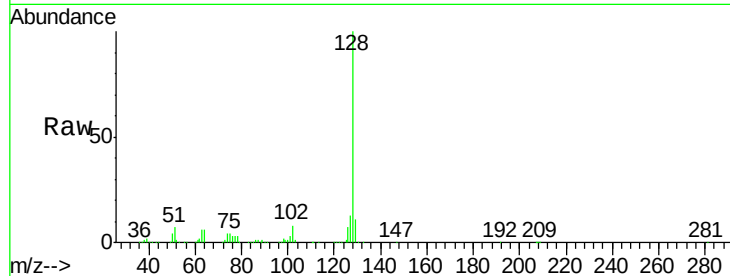
#95
Naphthalene
Concen: 53.361 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	11.0	16.6
129	11.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/19/2019 11:21:44 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.792 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013150.D
Acq: 19 Sep 2019 08:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.6	142.8
145	30.4	15.4	46.2

