

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013133.D
 Acq On : 19 Sep 2019 01:31
 Operator : SY/VA
 Sample : VW0918SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 11:21:53 AM

Quant Time: Sep 19 09:32:11 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	310289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	484035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	424743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	216360	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	127967	44.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.30%	
35) Dibromofluoromethane	7.88	113	123394	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
50) Toluene-d8	10.32	98	490776	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
62) 4-Bromofluorobenzene	12.62	95	172895	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22098	15.518	ug/l	84
3) Chloromethane	2.21	50	30472	17.226	ug/l	96
4) Vinyl Chloride	2.36	62	39660	17.857	ug/l	97
5) Bromomethane	2.77	94	26741	19.716	ug/l	99
6) Chloroethane	2.92	64	25389	18.639	ug/l	91
7) Trichlorofluoromethane	3.25	101	21209	13.656	ug/l	93
8) Diethyl Ether	3.68	74	26630	21.959	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45258	19.213	ug/l	96
10) Methyl Iodide	4.27	142	68316	23.174	ug/l	94
11) Tert butyl alcohol	5.19	59	20574	92.893	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	42437	19.814	ug/l	92
13) Acrolein	3.89	56	19079	85.705	ug/l	98
14) Allyl chloride	4.67	41	74375	18.292	ug/l	92
15) Acrylonitrile	5.37	53	66533	107.418	ug/l	97
16) Acetone	4.13	43	57779	79.593	ug/l	96
17) Carbon Disulfide	4.38	76	80801	18.931	ug/l	96
18) Methyl Acetate	4.67	43	37624	23.044	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	91944	21.747	ug/l	94
20) Methylene Chloride	4.92	84	59732	22.999	ug/l #	92
21) trans-1,2-Dichloroethene	5.42	96	48721	21.239	ug/l	93
22) Diisopropyl ether	6.31	45	179792	21.285	ug/l	97
23) Vinyl Acetate	6.25	43	483210	95.511	ug/l #	93
24) 1,1-Dichloroethane	6.21	63	98550	20.235	ug/l	98
25) 2-Butanone	7.17	43	84087	92.278	ug/l #	88
26) 2,2-Dichloropropane	7.16	77	55485	14.908	ug/l	94
27) cis-1,2-Dichloroethene	7.16	96	60899	22.175	ug/l	90
28) Bromochloromethane	7.51	49	41721	20.353	ug/l #	93
29) Tetrahydrofuran	7.53	42	53939	103.887	ug/l	97
30) Chloroform	7.67	83	100186	20.246	ug/l	100
31) Cyclohexane	7.96	56	74036	17.487	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	73007	17.915	ug/l	98
36) 1,1-Dichloropropene	8.08	75	67913	17.558	ug/l	96
37) Ethyl Acetate	7.25	43	37963	18.491	ug/l	96
38) Carbon Tetrachloride	8.07	117	64726	16.330	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	77800	18.356	ug/l	96
40) Benzene	8.32	78	216621	20.062	ug/l	100
41) Methacrylonitrile	7.48	41	24925	18.436	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	64887	17.926	ug/l	97
43) Isopropyl Acetate	8.42	43	72558	18.407	ug/l	97
44) Trichloroethene	9.09	130	58333	19.723	ug/l	90
45) 1,2-Dichloropropane	9.37	63	58049	20.235	ug/l	99
46) Dibromomethane	9.46	93	28504	20.739	ug/l	96
47) Bromodichloromethane	9.64	83	72131	18.710	ug/l	97
48) Methyl methacrylate	9.43	41	33654	18.192	ug/l	91
49) 1,4-Dioxane	9.46	88	8865	384.925	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	186413	91.599	ug/l	94
52) Toluene	10.38	92	139487	20.329	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	70286	18.127	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	85325	19.233	ug/l	91
55) 1,1,2-Trichloroethane	10.79	97	44426	21.218	ug/l	98
56) Ethyl methacrylate	10.65	69	58173	20.641	ug/l #	89
57) 1,3-Dichloropropane	10.93	76	76938	20.714	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	148302	98.094	ug/l	97
59) 2-Hexanone	10.97	43	125286	88.413	ug/l	94
60) Dibromochloromethane	11.13	129	48636	19.213	ug/l	97
61) 1,2-Dibromoethane	11.23	107	40489	21.198	ug/l	99
64) Tetrachloroethene	10.86	164	52781	20.888	ug/l	98
65) Chlorobenzene	11.66	112	151871	20.074	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	58028	20.015	ug/l	97
67) Ethyl Benzene	11.73	91	268468	19.214	ug/l	97
68) m/p-Xylenes	11.83	106	205032	40.167	ug/l	95
69) o-Xylene	12.16	106	99256	20.741	ug/l	95
70) Styrene	12.18	104	176007	20.675	ug/l	97
71) Bromoform	12.35	173	29496	19.368	ug/l #	96
73) Isopropylbenzene	12.46	105	273021	19.038	ug/l	100
74) N-amyl acetate	12.27	43	64044	17.360	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	53689	21.315	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	33304m	17.573	ug/l	
77) Bromobenzene	12.75	156	67165	20.330	ug/l	95
78) n-propylbenzene	12.80	91	313881	18.607	ug/l	99
79) 2-Chlorotoluene	12.89	91	183851	18.959	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	231390	19.072	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	14193	16.989	ug/l	97
82) 4-Chlorotoluene	12.99	91	195215	19.079	ug/l	97
83) tert-Butylbenzene	13.21	119	207170	19.090	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	232137	19.363	ug/l	95
85) sec-Butylbenzene	13.38	105	279090	18.876	ug/l	100
86) p-Isopropyltoluene	13.50	119	254401	18.741	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	130490	19.952	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	127859	19.894	ug/l	98
89) n-Butylbenzene	13.82	91	230545	18.009	ug/l	100
90) Hexachloroethane	14.09	117	43528	17.893	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	119948	20.855	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7922	17.183	ug/l	91

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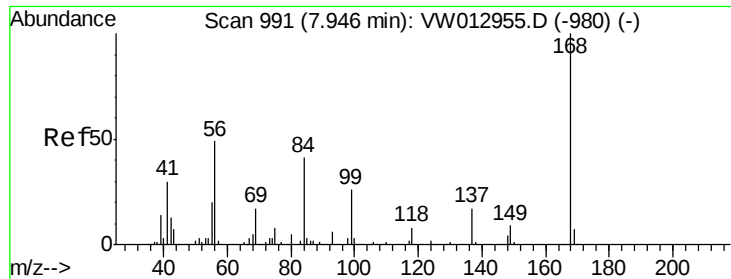
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	83156	20.273	ug/l	99
94) Hexachlorobutadiene	15.23	225	53369	18.380	ug/l	99
95) Naphthalene	15.36	128	146534	21.381	ug/l	98
96) 1,2,3-Trichlorobenzene	15.55	180	74186	20.460	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: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion:168 Resp: 310289

Ion Ratio Lower Upper

168 100

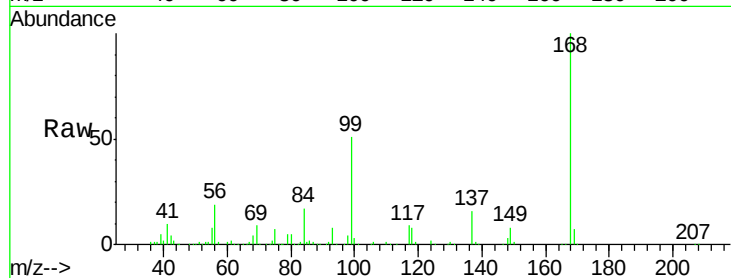
99 51.0 46.2 69.2

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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

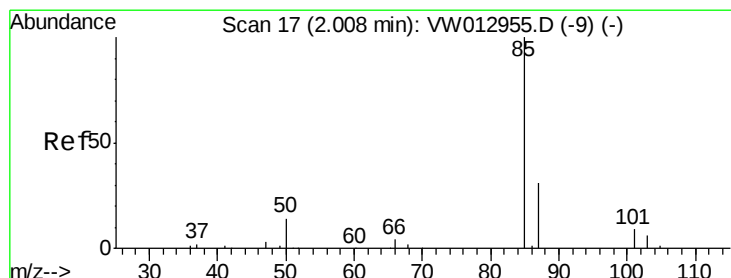
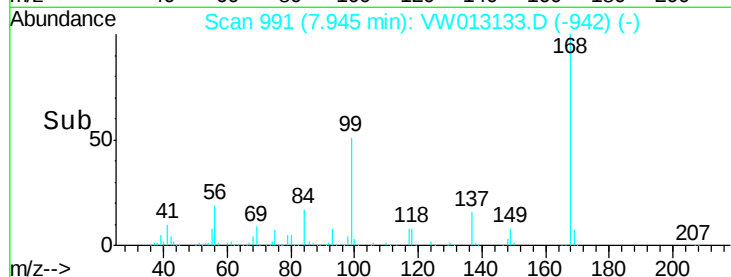
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 15.518 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013133.D

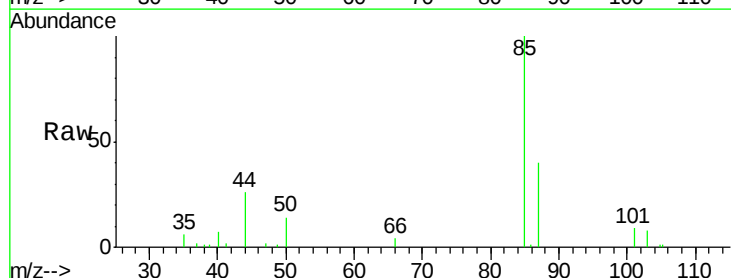
Acq: 19 Sep 2019 01:31

Tgt Ion: 85 Resp: 22098

Ion Ratio Lower Upper

85 100

87 39.5 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

8000

6000

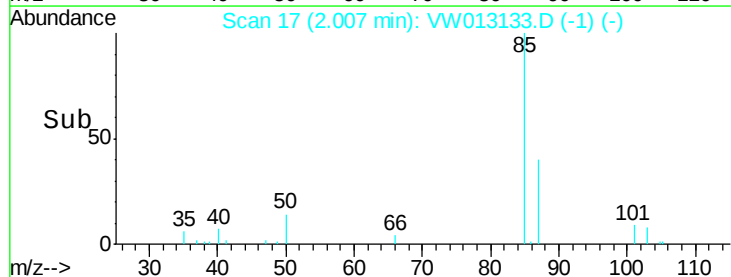
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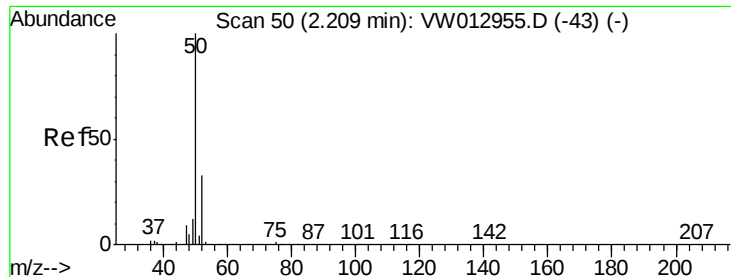
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 17.226 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

Tot Ion: 50 Resp: 30472

Ion Ratio Lower Upper

50 100

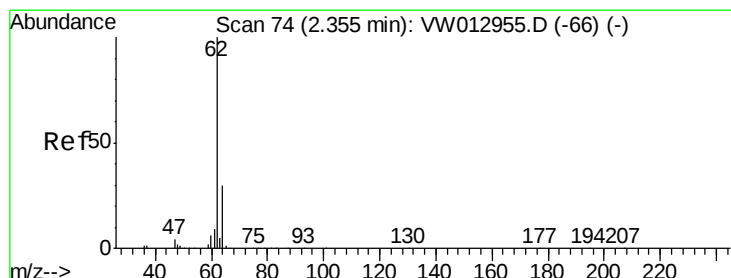
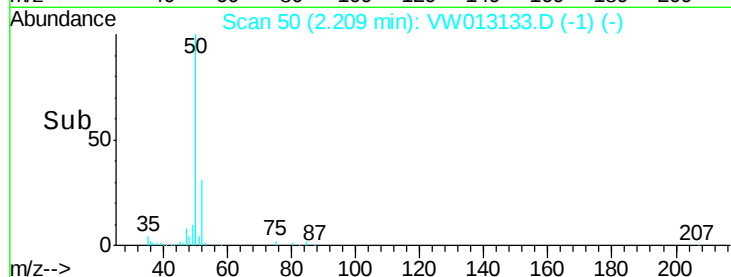
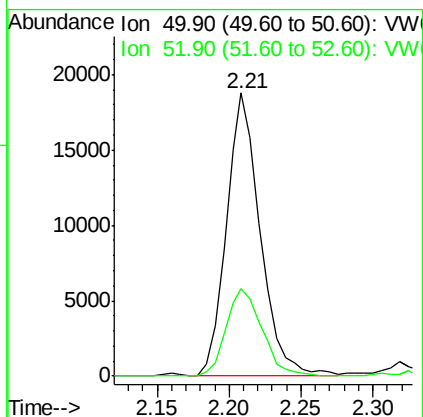
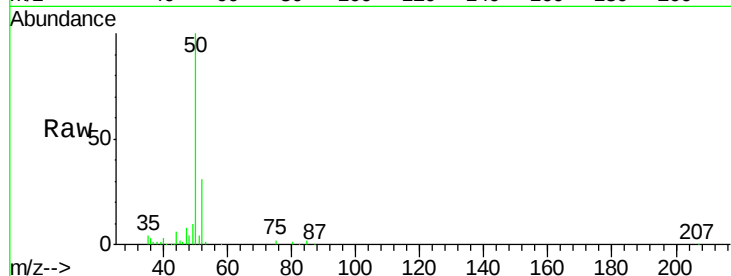
52 31.2 26.6 39.8

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#4

Vinyl Chloride

Concen: 17.857 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW013133.D

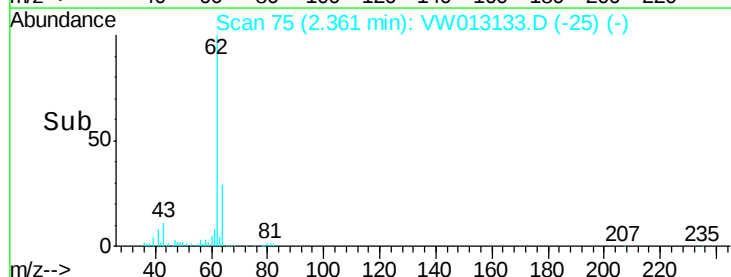
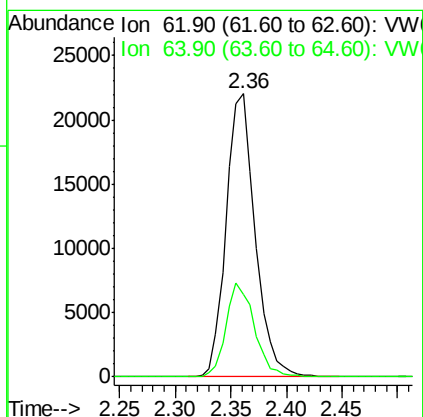
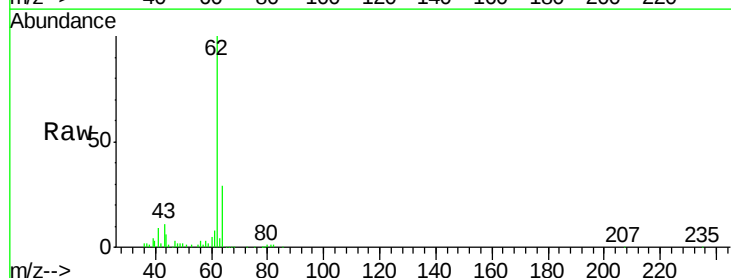
Acq: 19 Sep 2019 01:31

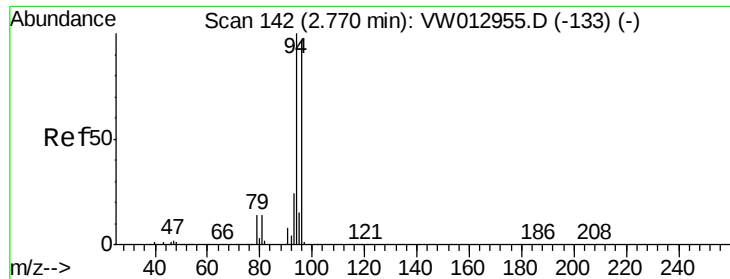
Tgt Ion: 62 Resp: 39660

Ion Ratio Lower Upper

62 100

64 28.9 24.2 36.4





#5

Bromomethane

Concen: 19.716 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 94 Resp: 26741

Ion Ratio Lower Upper

94 100

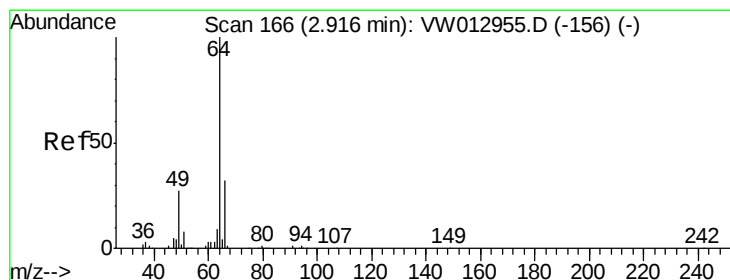
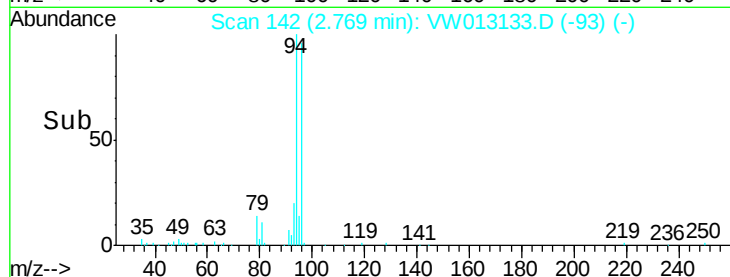
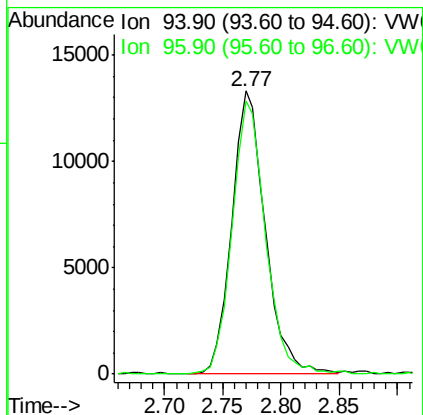
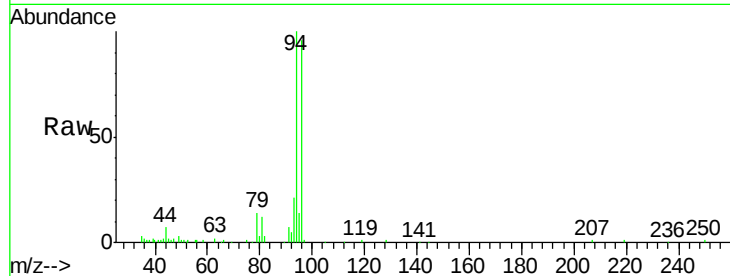
96 96.4 77.8 116.6

Manual Integrations

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#6

Chloroethane

Concen: 18.639 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW013133.D

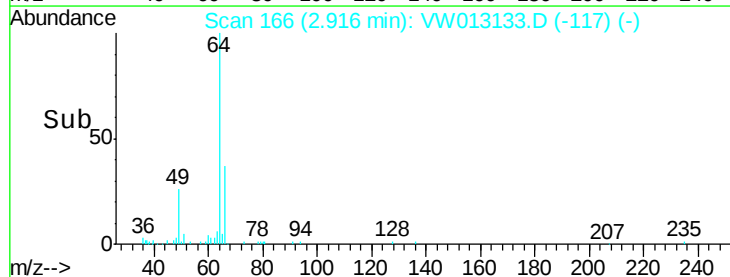
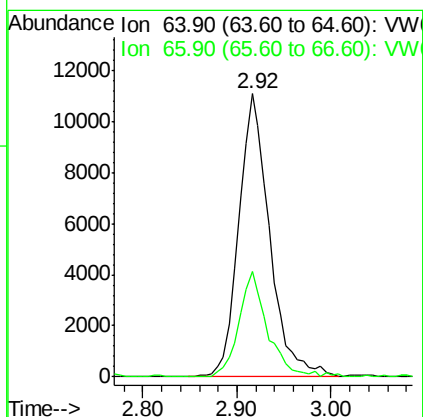
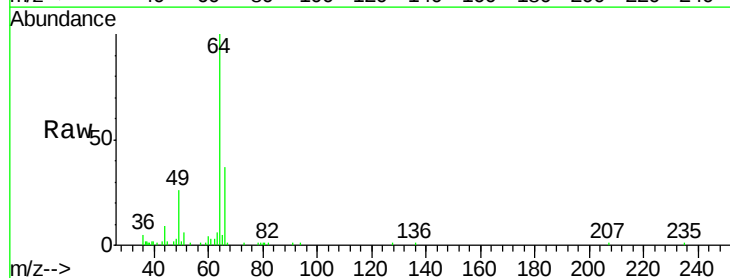
Acq: 19 Sep 2019 01:31

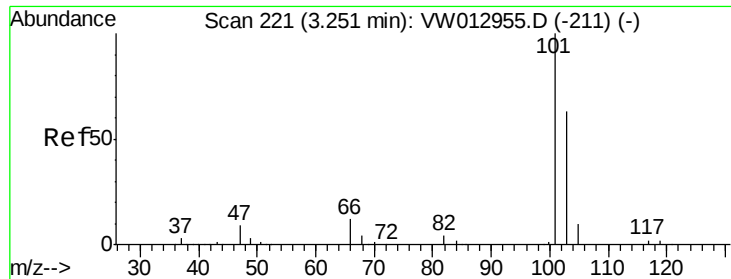
Tgt Ion: 64 Resp: 25389

Ion Ratio Lower Upper

64 100

66 37.5 25.9 38.9





#7

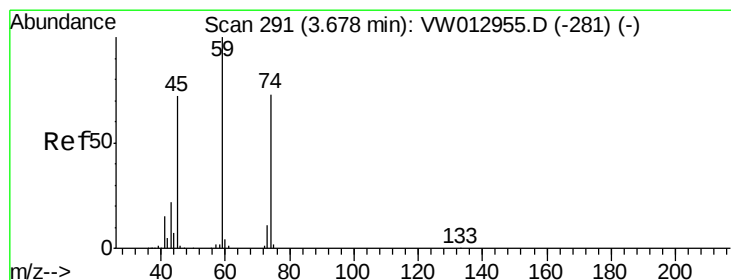
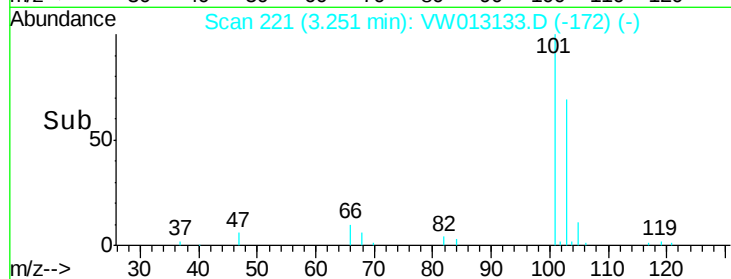
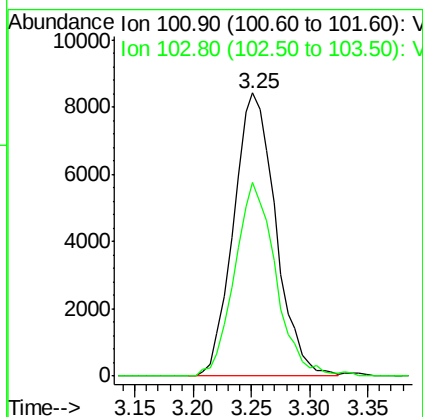
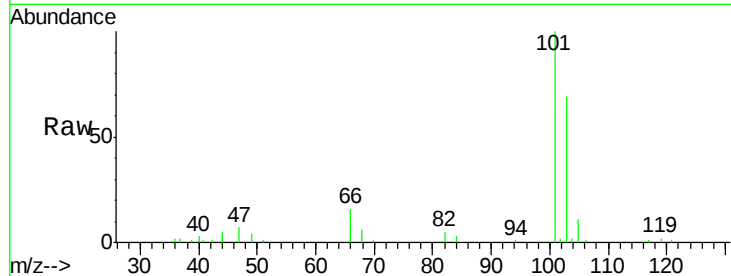
Trichlorofluoromethane
 Concen: 13.656 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Instrument :
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 ClientSampleId :
 VW0918SBS02

Tot Ion:101 Resp: 21209
 Ion Ratio Lower Upper
 101 100
 103 68.7 50.7 76.1

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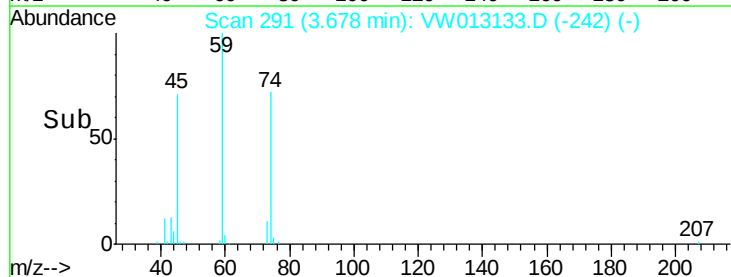
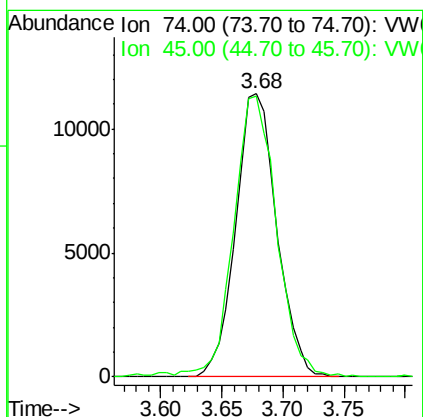
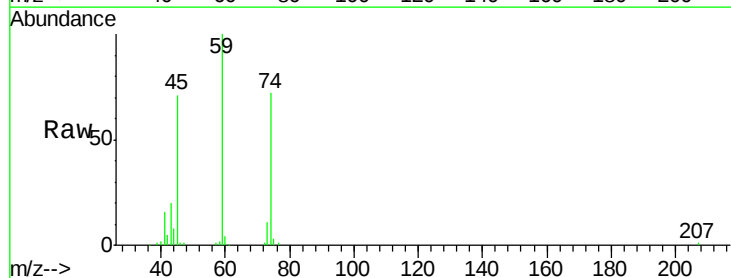
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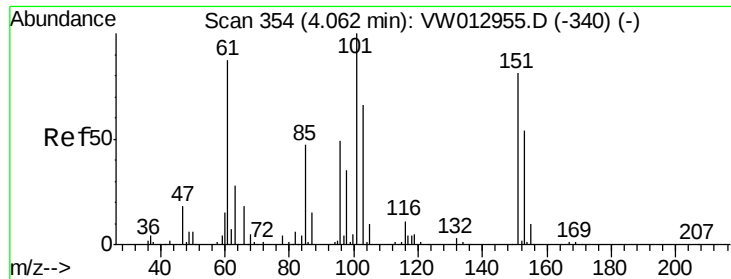


#8

Diethyl Ether
 Concen: 21.959 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion: 74 Resp: 26630
 Ion Ratio Lower Upper
 74 100
 45 103.2 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.213 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

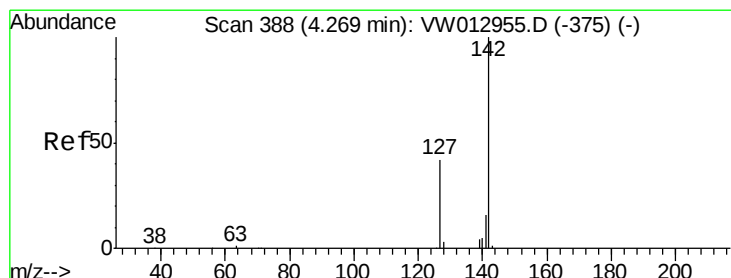
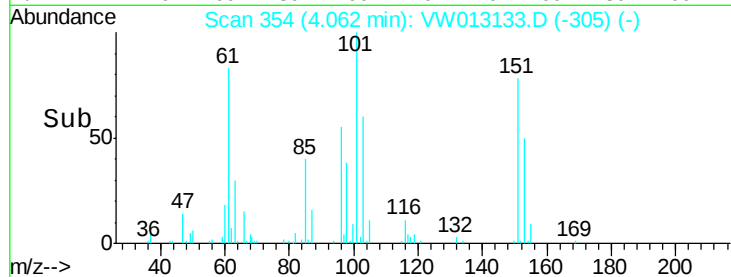
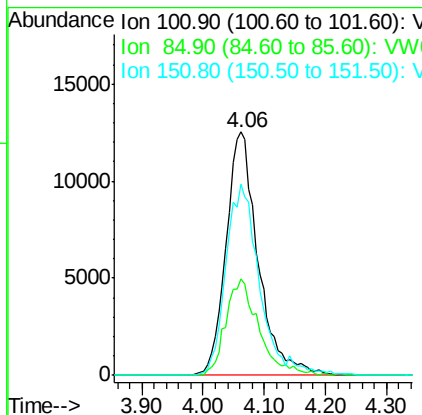
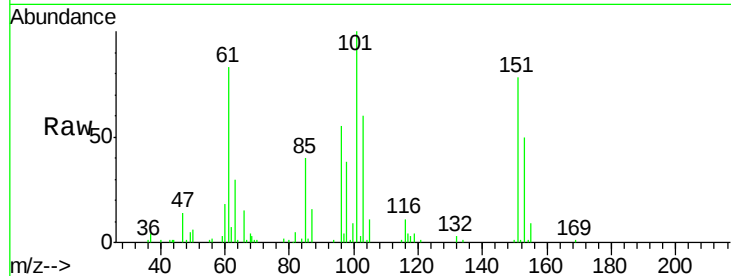
ClientSampleId :

VW0918SBS02

Tot Ion:	101	Resp:	45258
Ion Ratio	Lower	Upper	
101	100		
85	40.9	34.9	52.3
151	78.7	66.0	99.0

Manual Integrations
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#10

Methyl Iodide

Concen: 23.174 ug/l

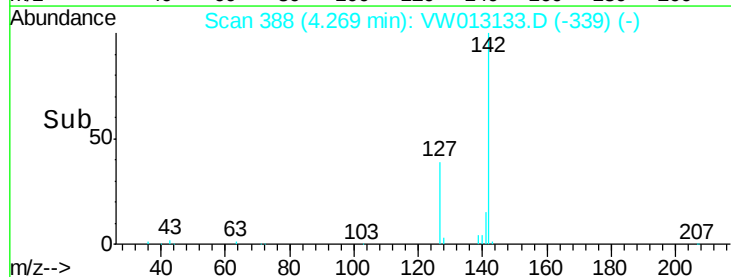
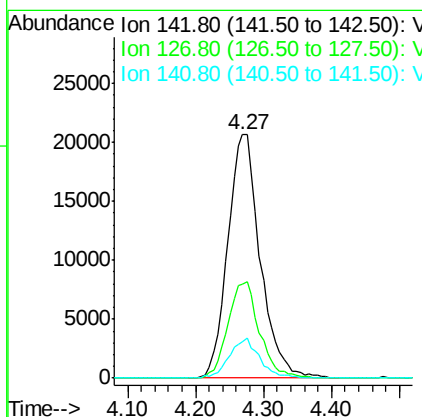
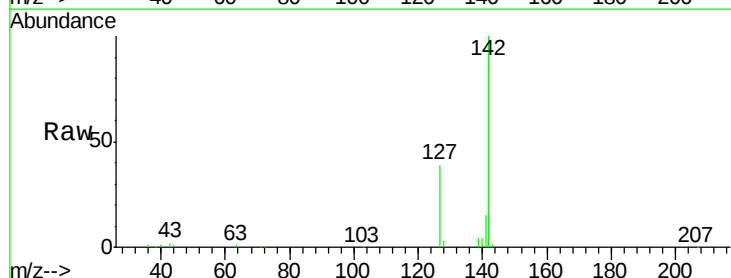
RT: 4.27 min Scan# 388

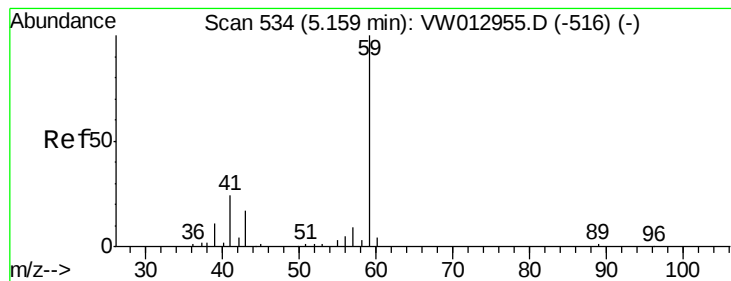
Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Tgt Ion:	142	Resp:	68316
Ion Ratio	Lower	Upper	
142	100		
127	38.6	34.7	52.1
141	15.2	12.2	18.2





#11

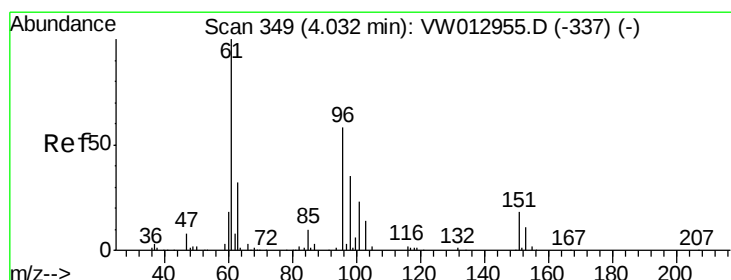
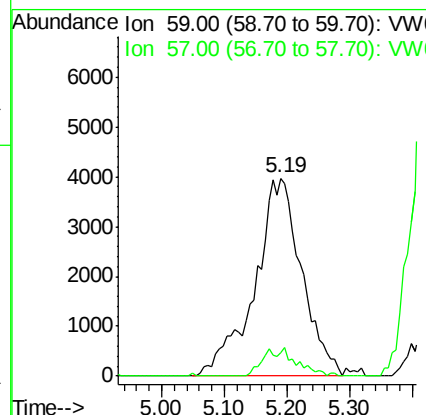
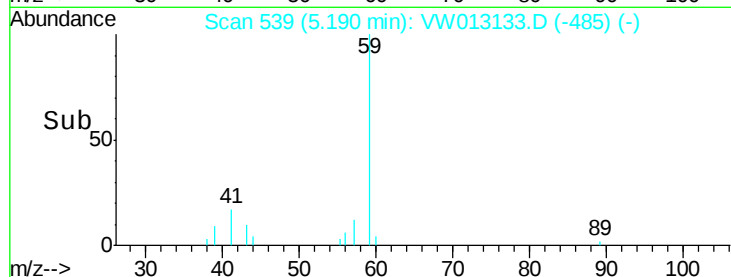
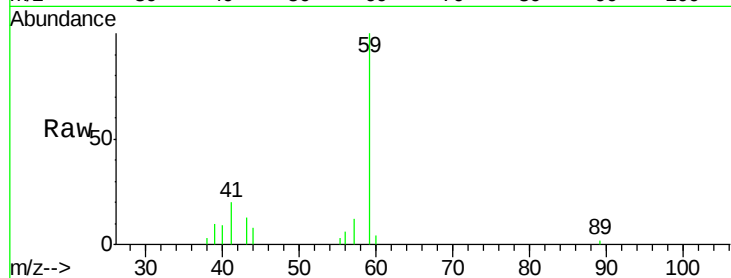
Tert butyl alcohol
 Concen: 92.893 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.03 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	4.5	8.5	12.7#

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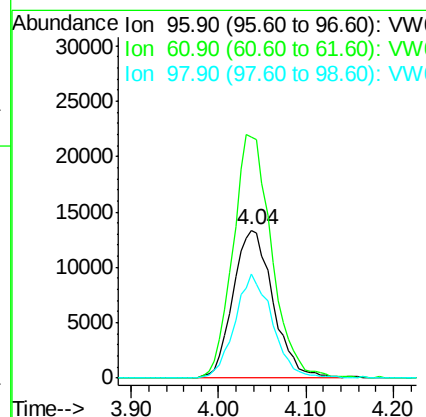
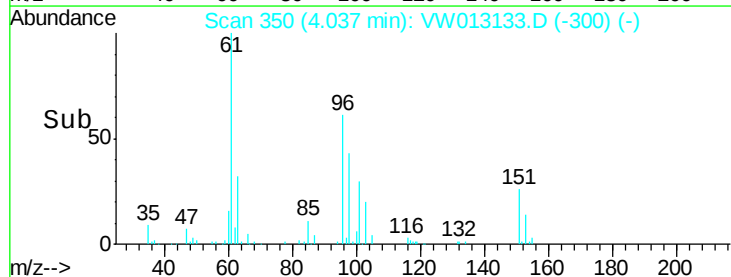
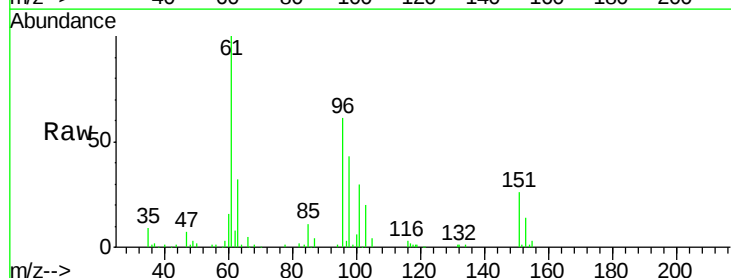
MMDadoda
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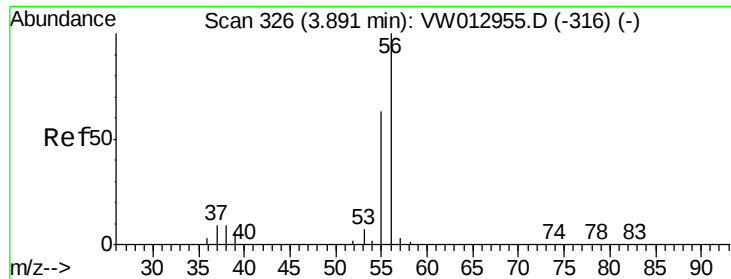


#12

1,1-Dichloroethene
 Concen: 19.814 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	163.2	137.9	206.9
98	98	70.2	48.9	73.3





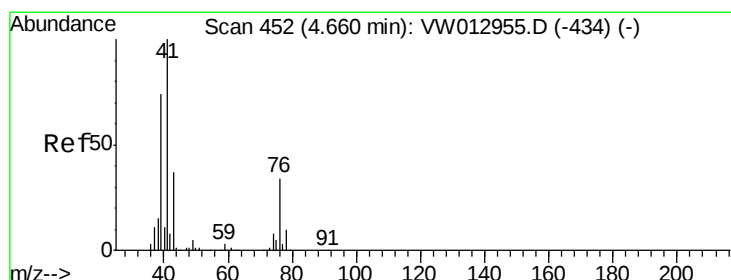
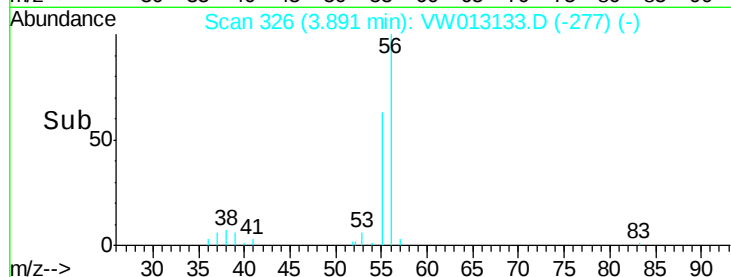
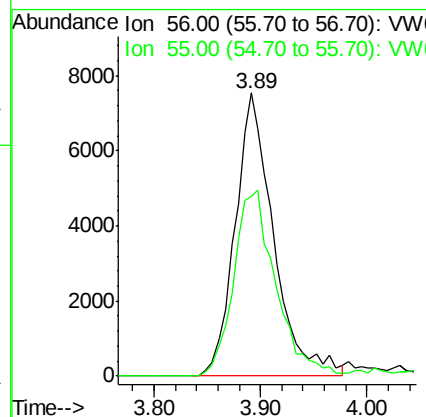
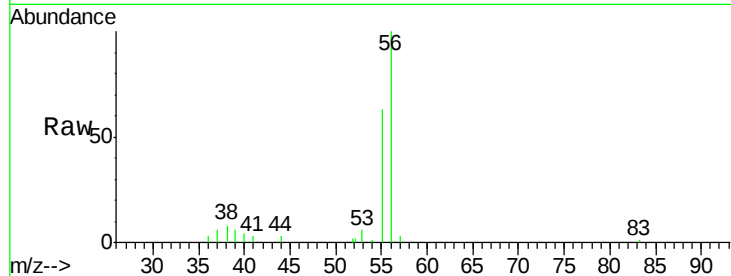
#13
Acrolein
Concen: 85.705 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion: 56 Resp: 19079
Ion Ratio Lower Upper
56 100
55 71.8 55.8 83.8

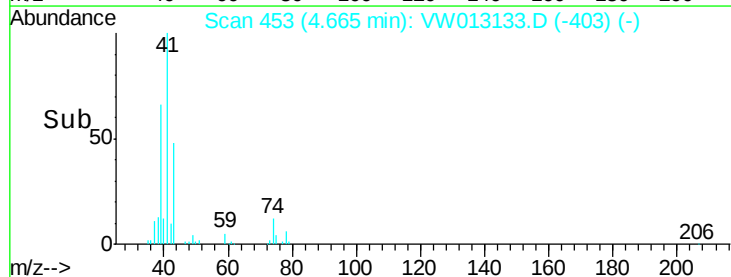
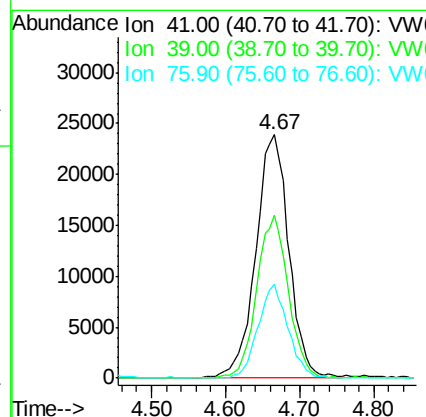
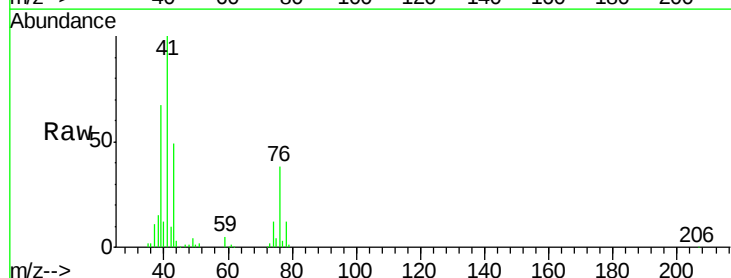
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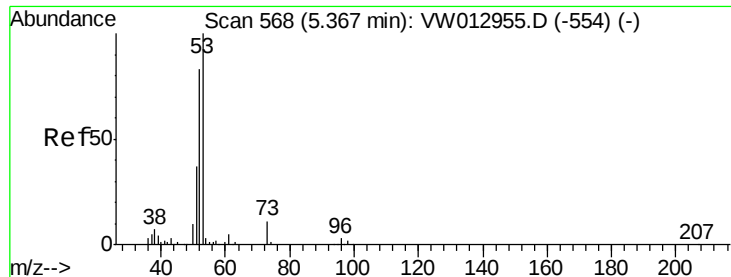
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#14
Allyl chloride
Concen: 18.292 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion: 41 Resp: 74375
Ion Ratio Lower Upper
41 100
39 64.0 56.7 85.1
76 34.8 25.1 37.7





#15

Acrylonitrile

Concen: 107.418 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

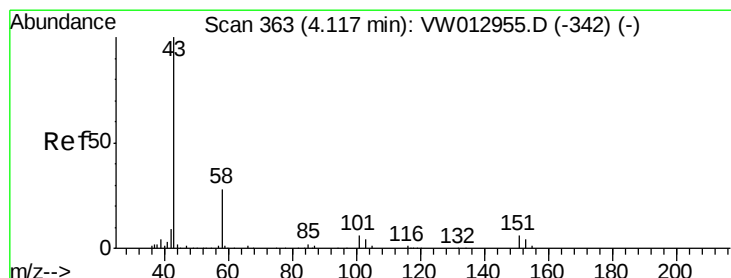
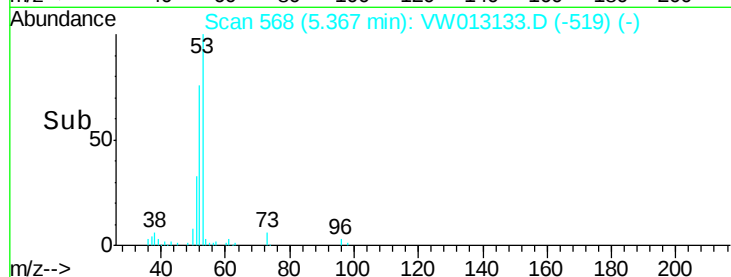
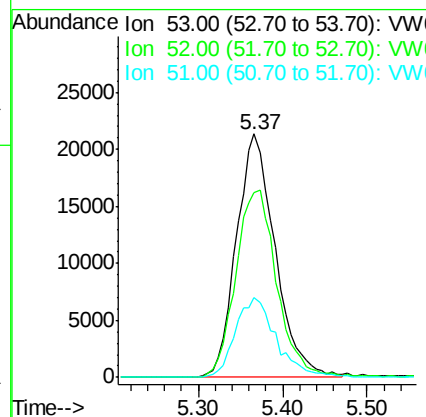
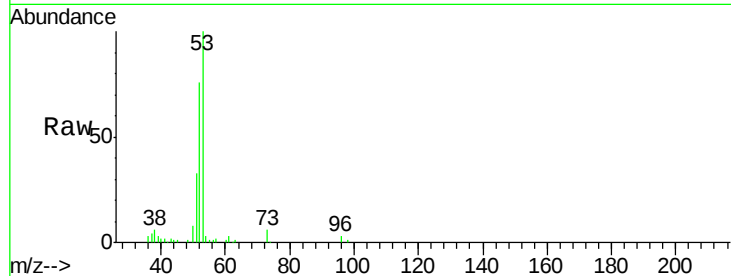
ClientSampleId :

VW0918SBS02

Tot Ion:	53	Resp:	66533
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.6	100.0
51	34.7	29.8	44.8

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#16

Acetone

Concen: 79.593 ug/l

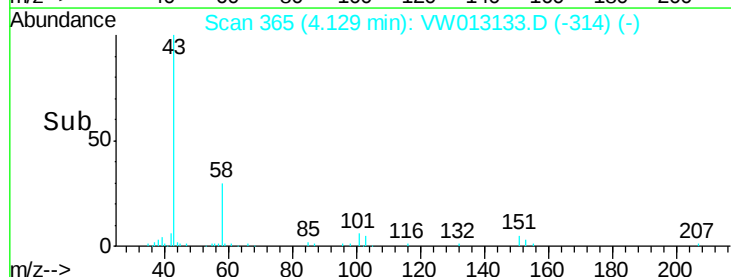
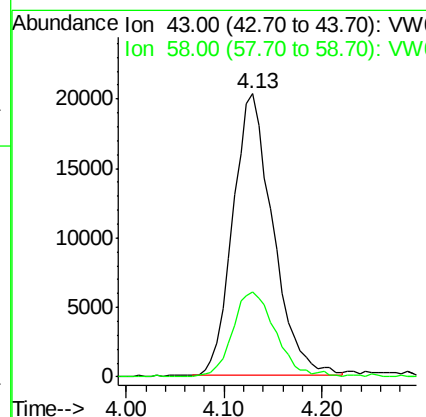
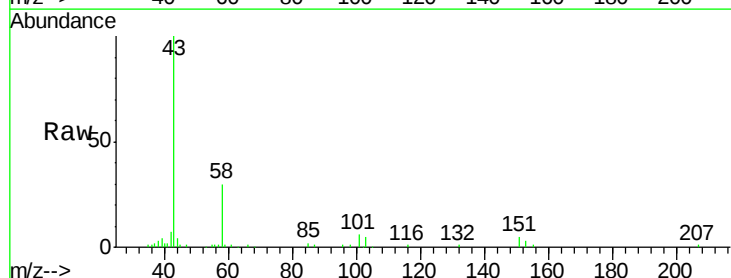
RT: 4.13 min Scan# 365

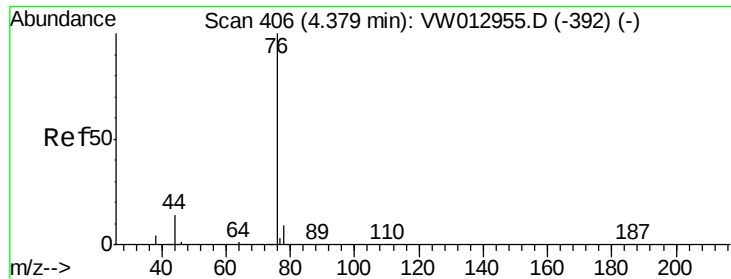
Delta R.T. 0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Tgt Ion:	43	Resp:	57779
Ion	Ratio	Lower	Upper
43	100		
58	30.2	22.3	33.5





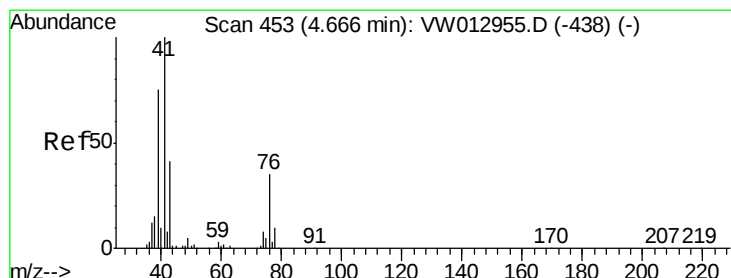
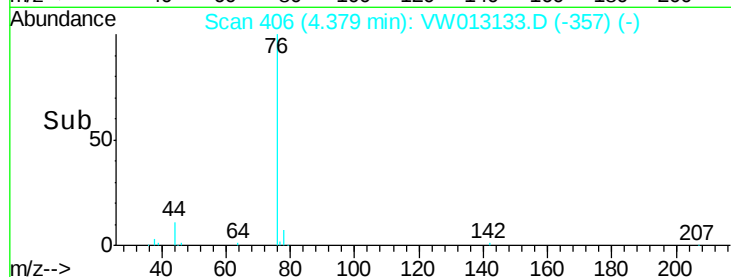
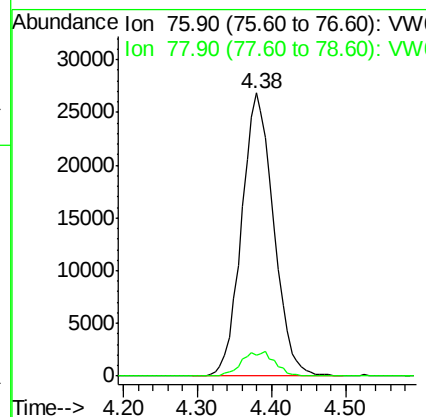
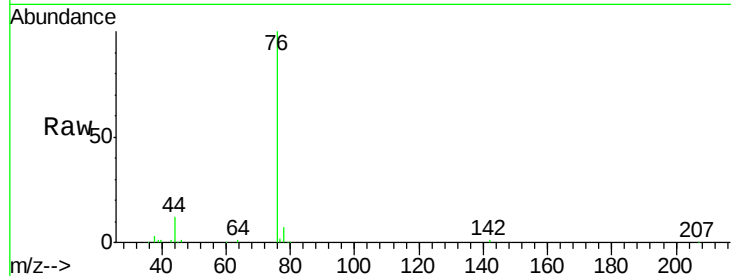
#17
Carbon Disulfide
Concen: 18.931 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.3	7.0	10.4

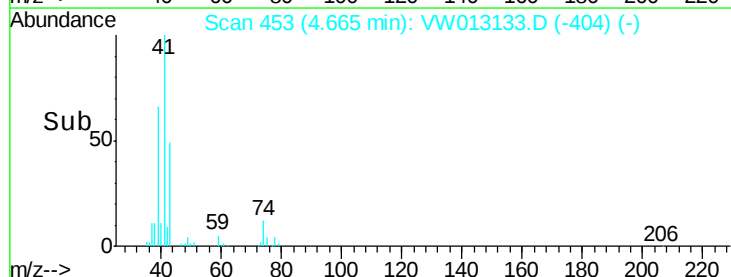
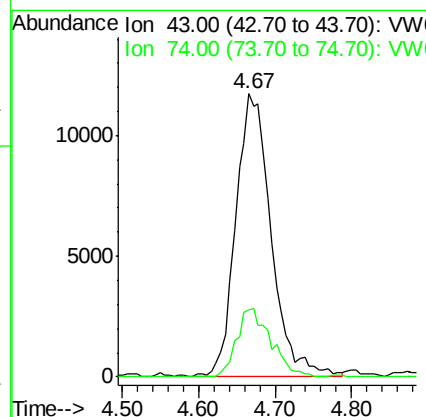
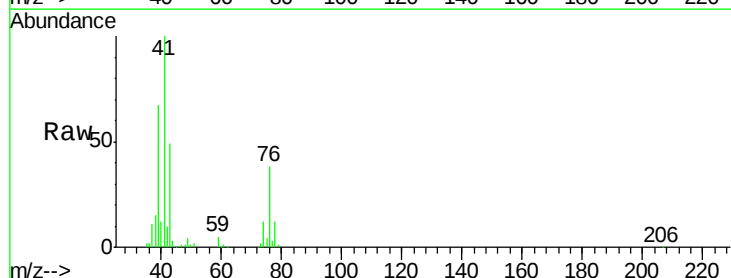
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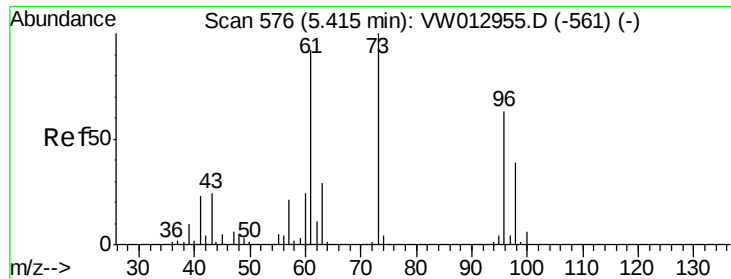
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#18
Methyl Acetate
Concen: 23.044 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	17.8	26.8





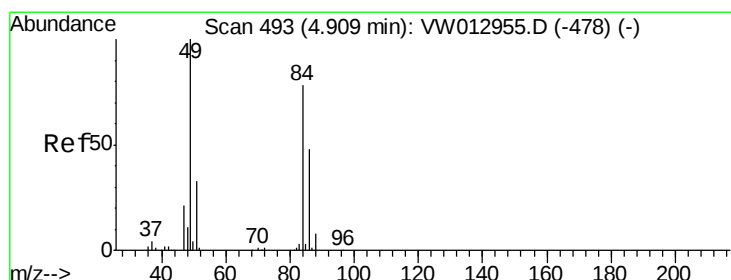
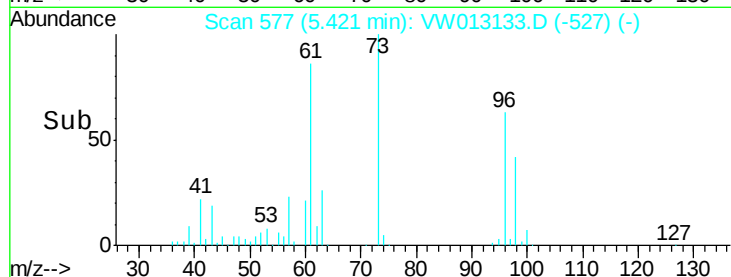
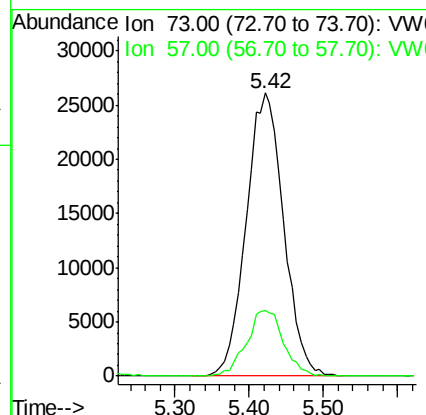
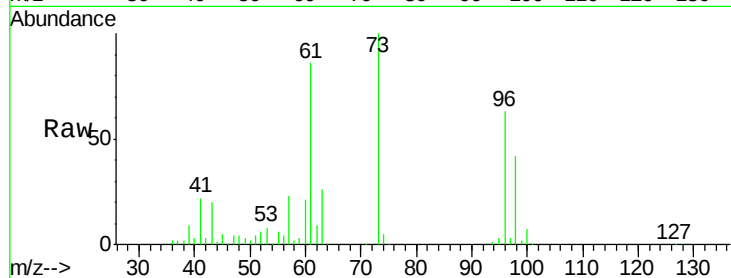
#19
Methyl tert-butyl Ether
Concen: 21.747 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion: 73 Resp: 91944
Ion Ratio Lower Upper
73 100
57 23.2 16.4 24.6

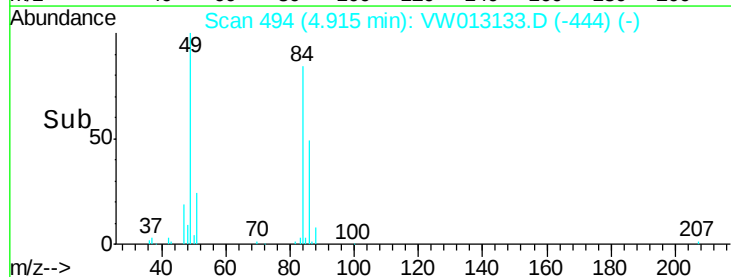
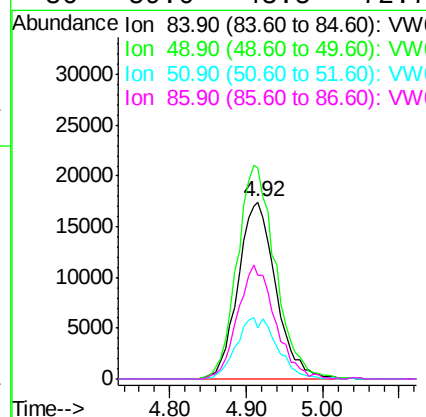
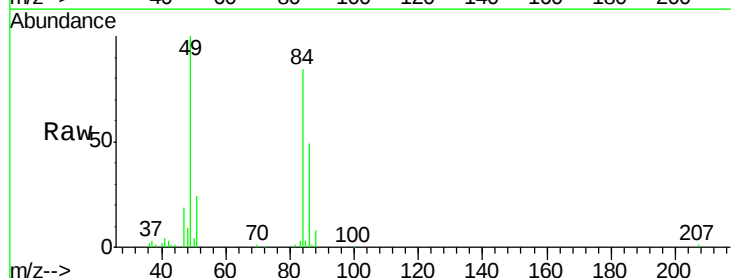
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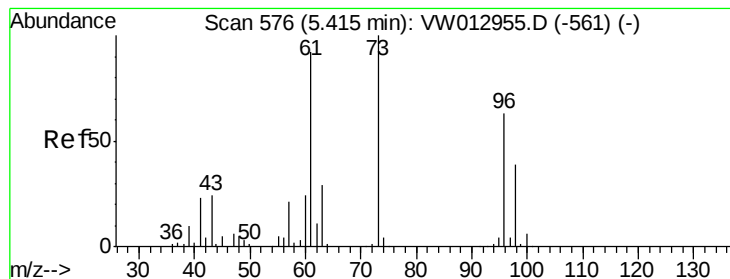
MMDadoda
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#20
Methylene Chloride
Concen: 22.999 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion: 84 Resp: 59732
Ion Ratio Lower Upper
84 100
49 119.4 102.0 153.0
51 28.8 34.0 51.0#
86 59.0 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 21.239 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 96 Resp: 48721

Ion Ratio Lower Upper

96 100

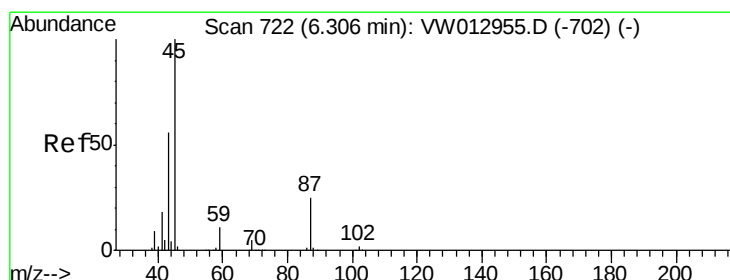
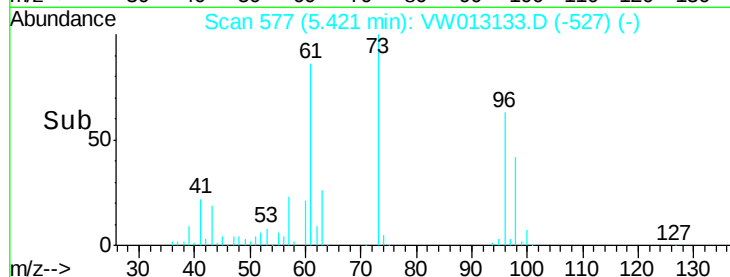
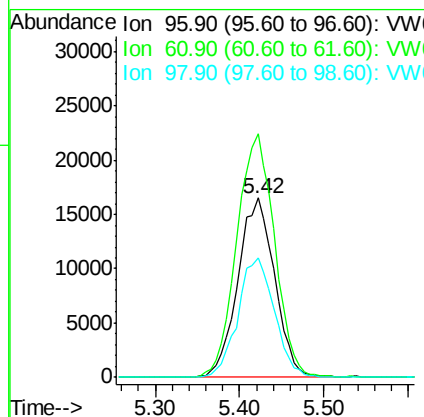
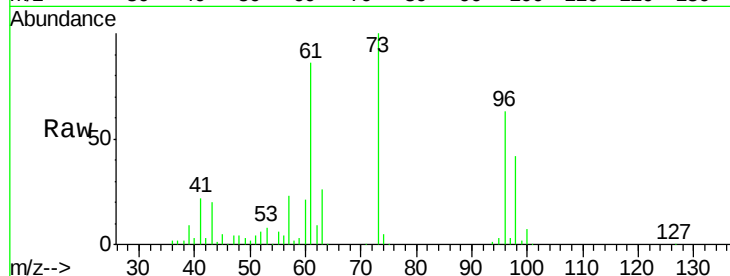
61 135.7 116.2 174.2

98 66.6 49.8 74.6

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#22

Diisopropyl ether

Concen: 21.285 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Tgt Ion: 45 Resp: 179792

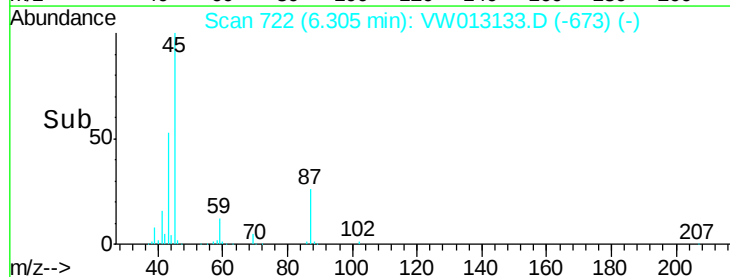
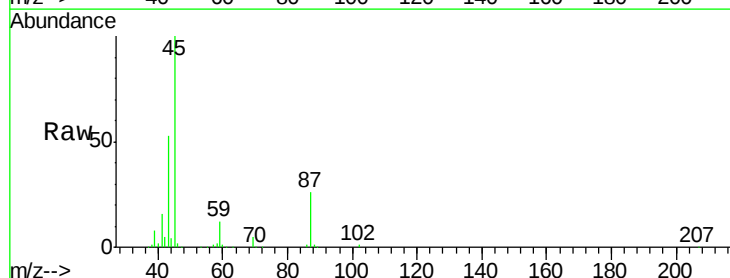
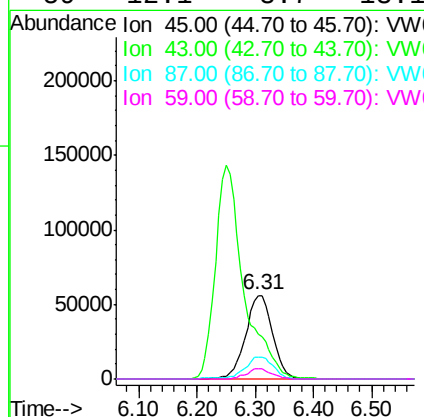
Ion Ratio Lower Upper

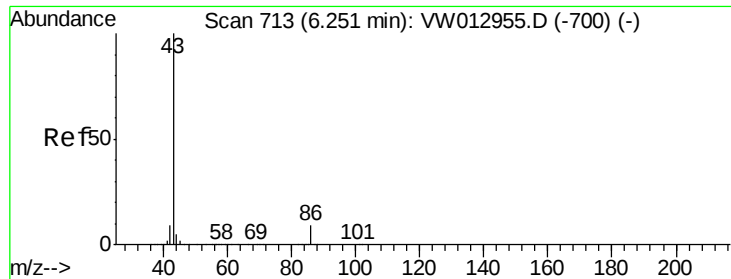
45 100

43 53.3 44.6 67.0

87 25.7 20.0 30.0

59 12.1 8.7 13.1





#23

Vinyl Acetate

Concen: 95.511 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 43 Resp: 483210

Ion Ratio Lower Upper

43 100

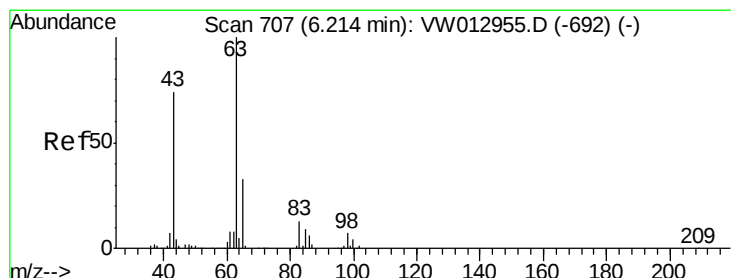
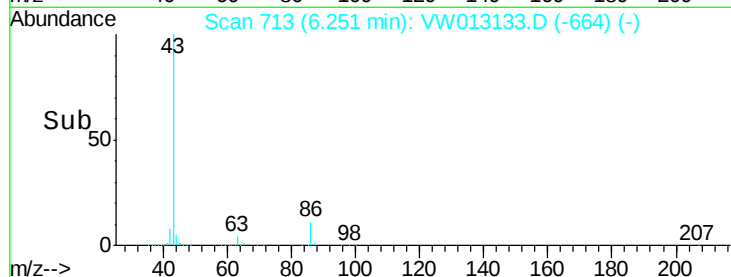
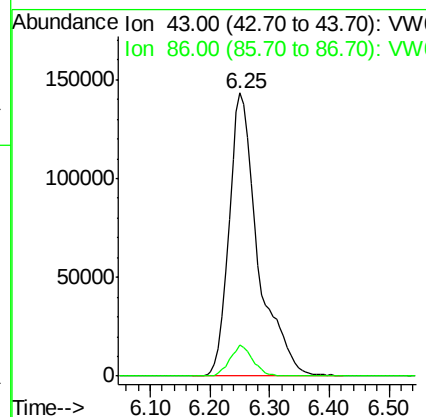
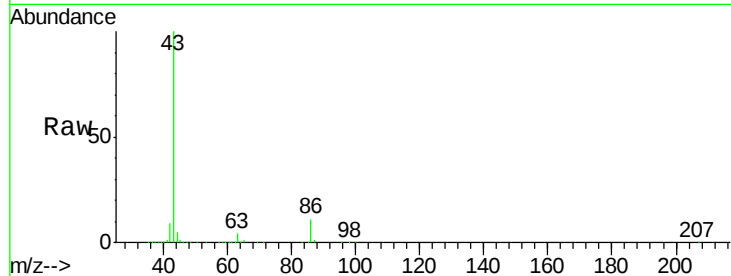
86 11.2 7.0 10.6#

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#24

1,1-Dichloroethane

Concen: 20.235 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

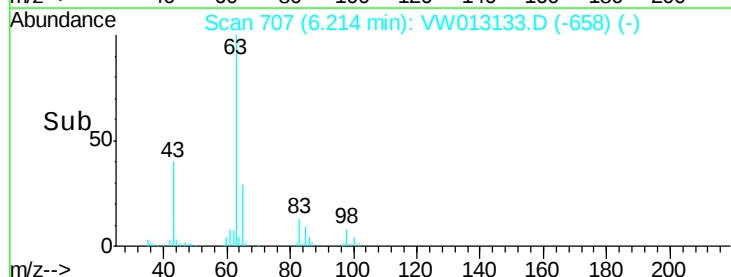
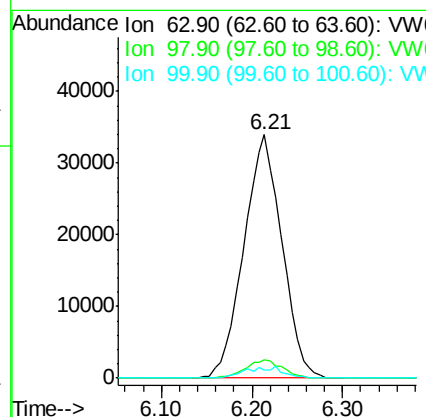
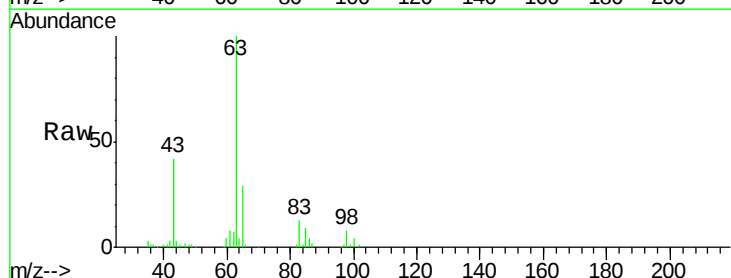
Tgt Ion: 63 Resp: 98550

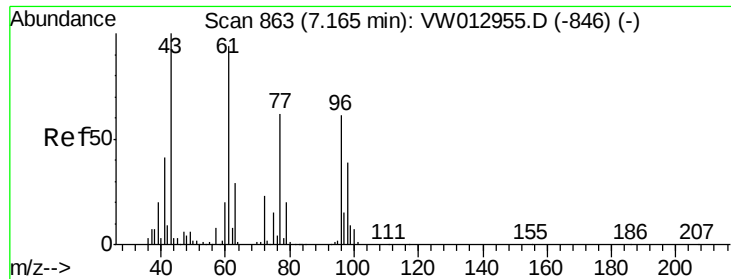
Ion Ratio Lower Upper

63 100

98 7.6 3.3 9.9

100 3.5 1.8 5.5





#25

2-Butanone

Concen: 92.278 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 43 Resp: 84087

Ion Ratio Lower Upper

43 100

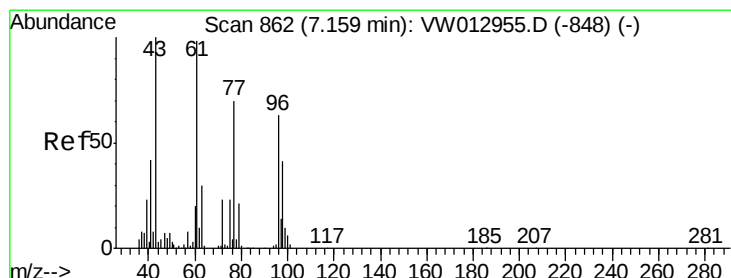
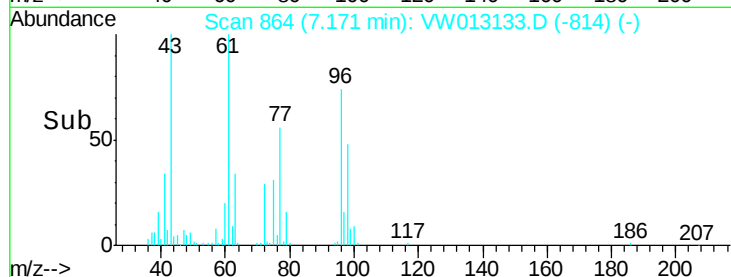
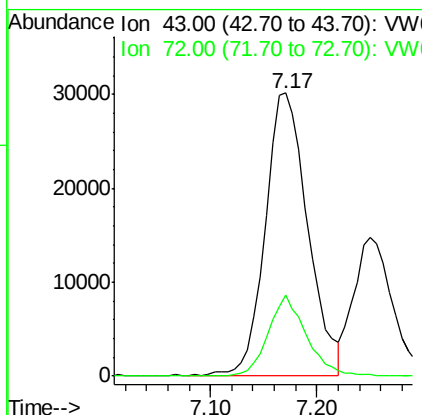
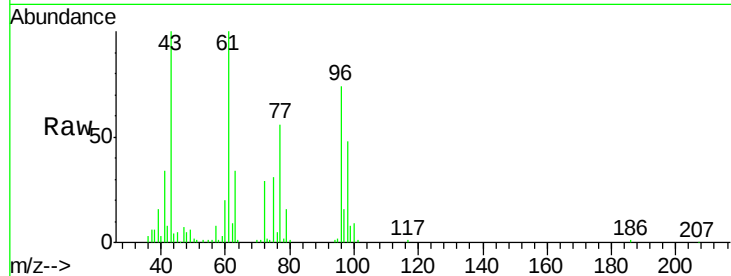
72 28.7 18.2 27.4#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 14.908 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW013133.D

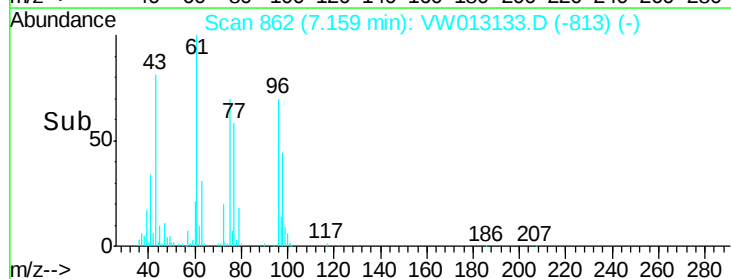
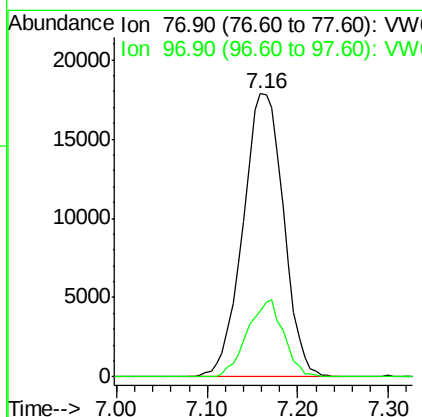
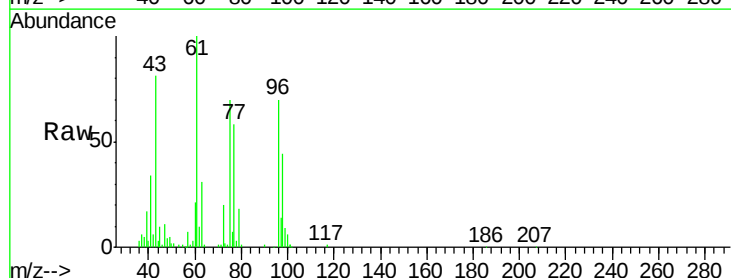
Acq: 19 Sep 2019 01:31

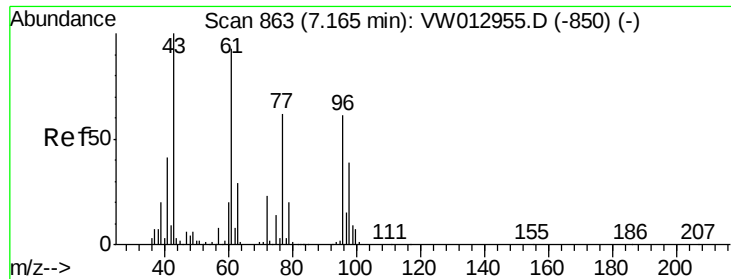
Tgt Ion: 77 Resp: 55485

Ion Ratio Lower Upper

77 100

97 24.2 10.7 32.1





#27

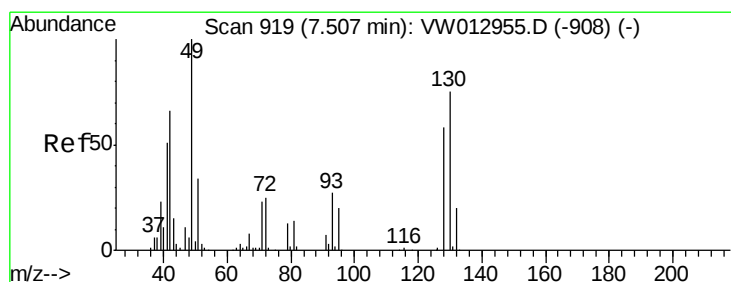
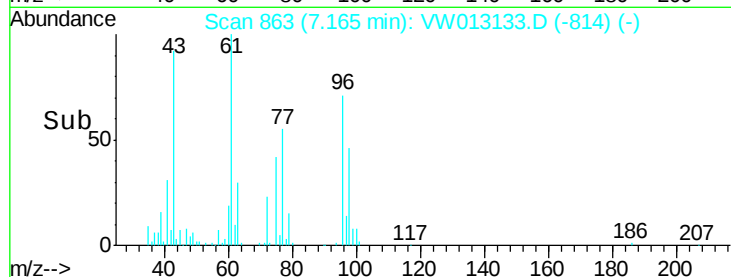
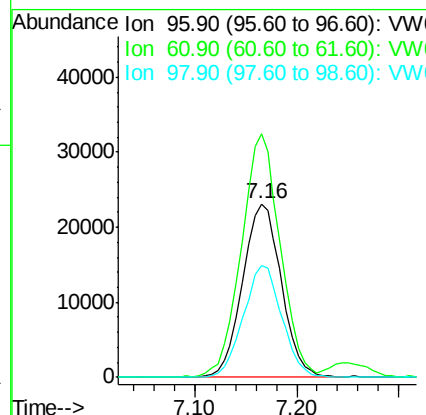
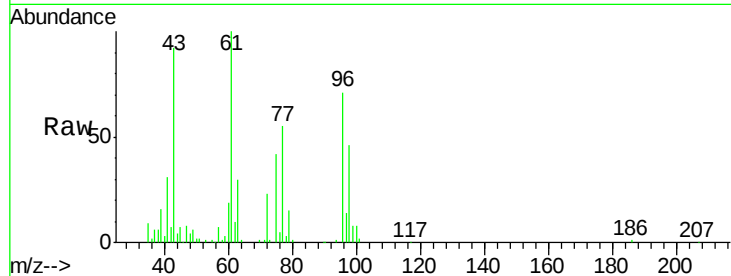
cis-1,2-Dichloroethene
 Concen: 22.175 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	60899		
61	141.1		0.0	315.4
98	63.9		0.0	131.0

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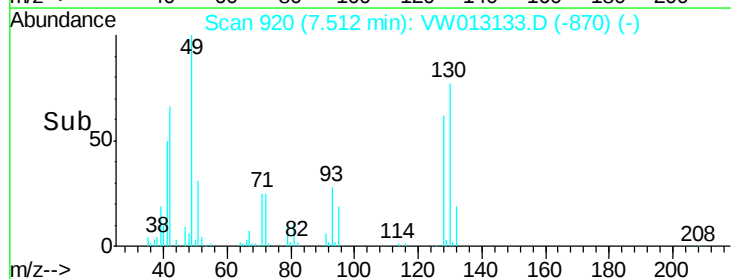
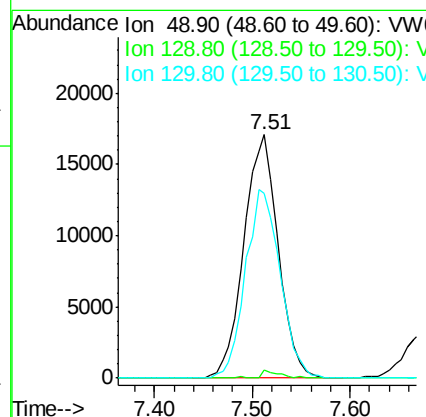
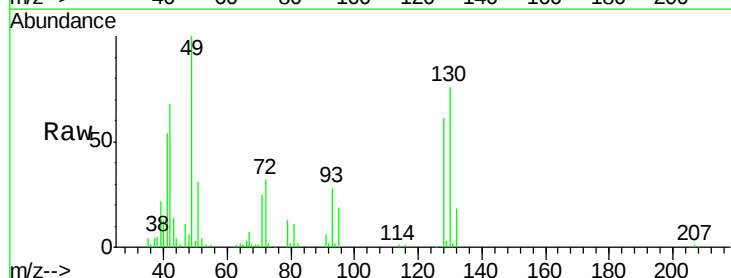
MMDadoda
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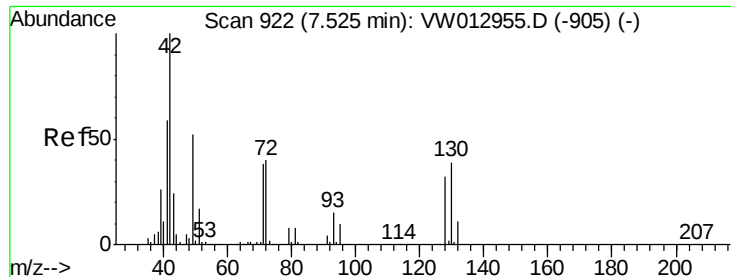


#28

Bromochloromethane
 Concen: 20.353 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	41721		
129	1.5		0.0	1.4#
130	78.4		57.8	86.6





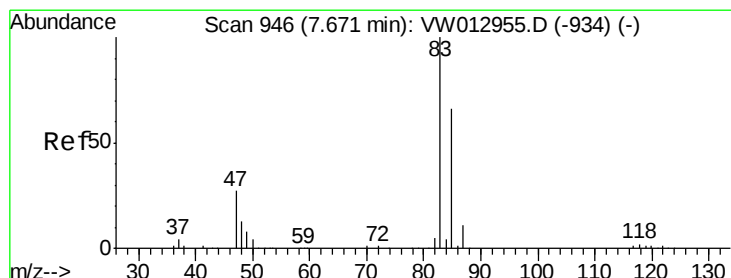
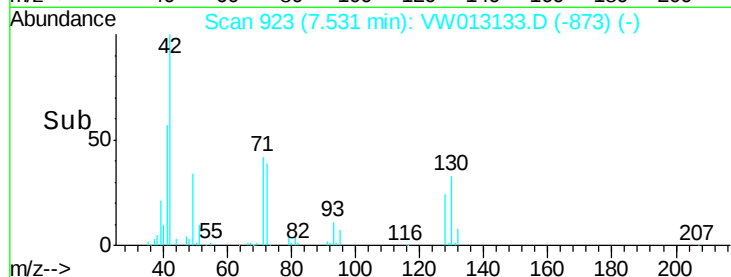
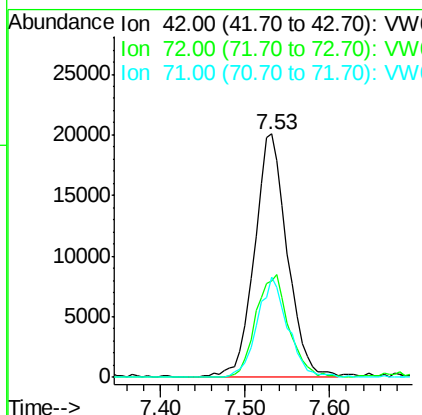
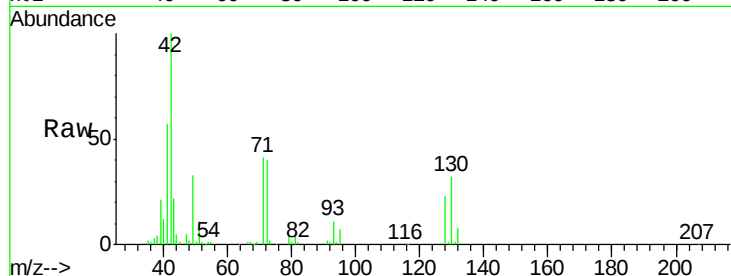
#29
Tetrahydrofuran
Concen: 103.887 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	31.4	47.0
71	38.4	29.8	44.8

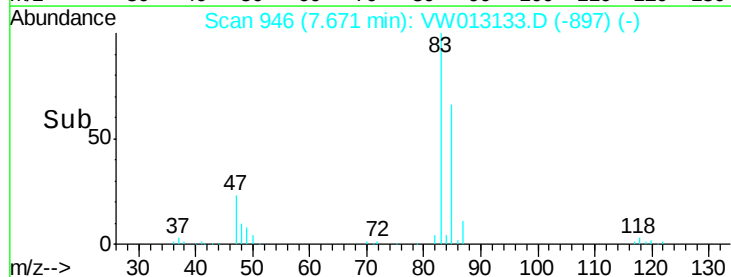
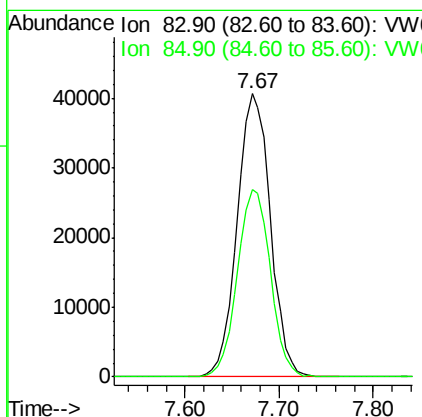
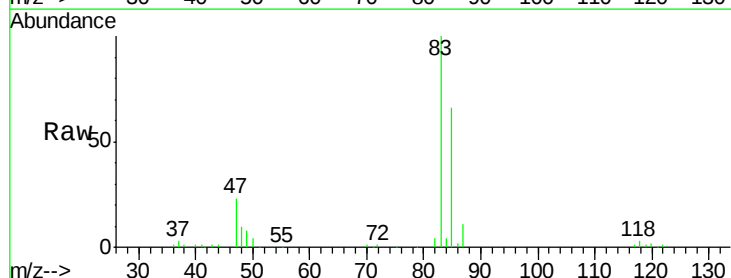
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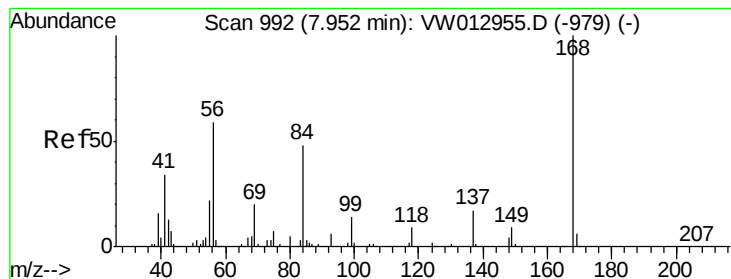
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#30
Chloroform
Concen: 20.246 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.8	79.2





#31

Cyclohexane

Concen: 17.487 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

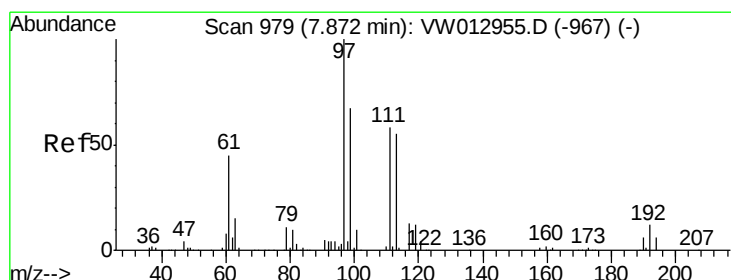
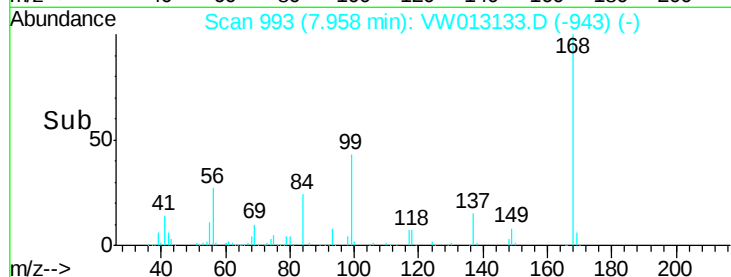
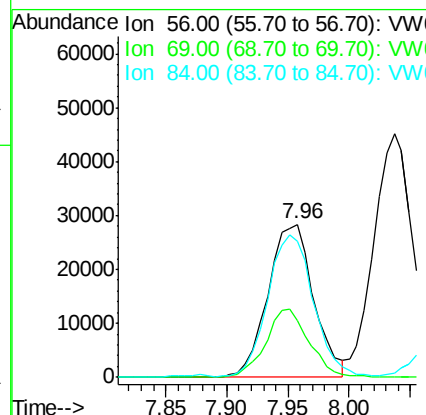
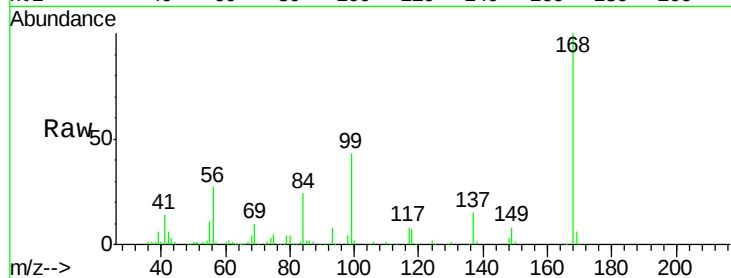
VW0918SBS02

Tot Ion: 56 Resp: 74036

Ion	Ratio	Lower	Upper
56	100		
69	37.4	27.0	40.6
84	87.9	66.2	99.2

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#32

1,1,1-Trichloroethane

Concen: 17.915 ug/l

RT: 7.87 min Scan# 978

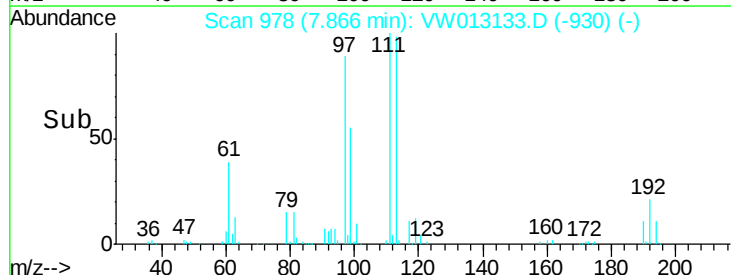
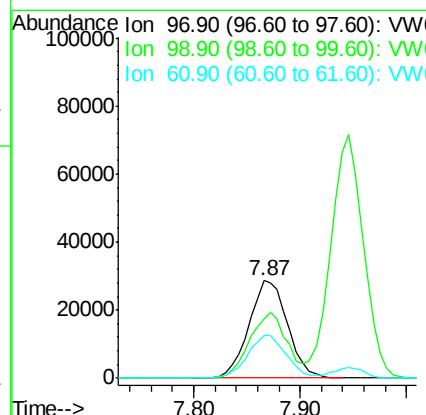
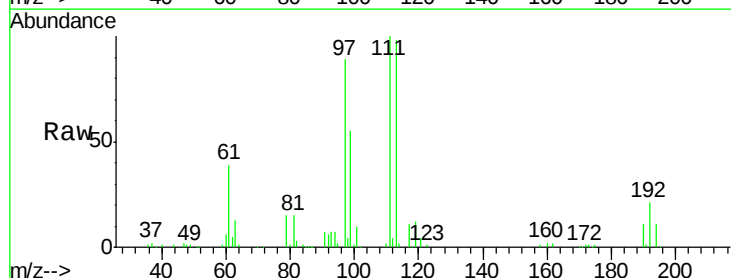
Delta R.T. -0.01 min

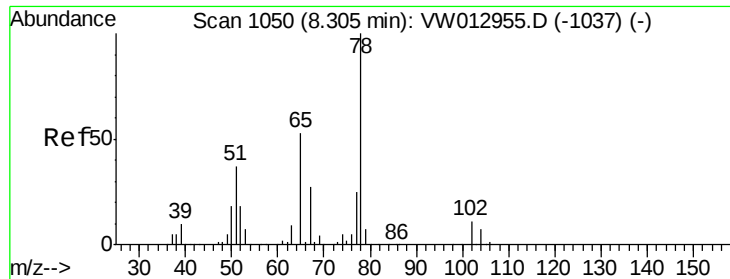
Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Tgt Ion: 97 Resp: 73007

Ion	Ratio	Lower	Upper
97	100		
99	64.8	53.0	79.4
61	43.7	36.5	54.7





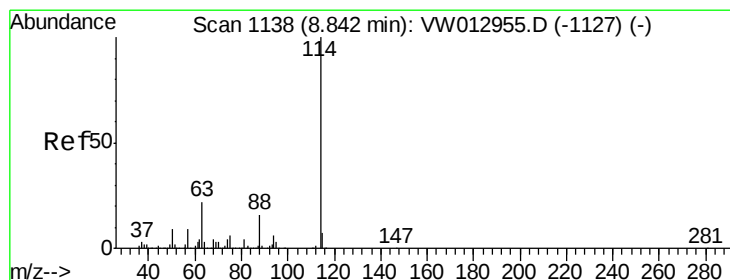
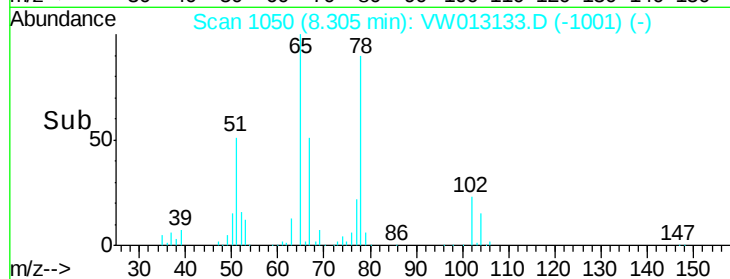
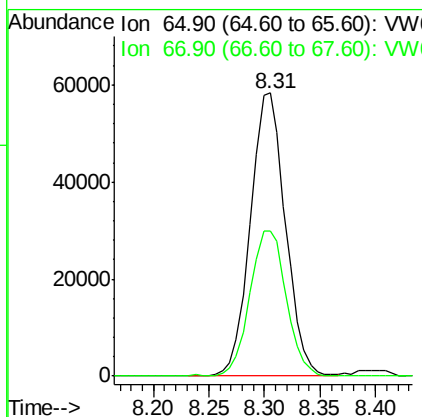
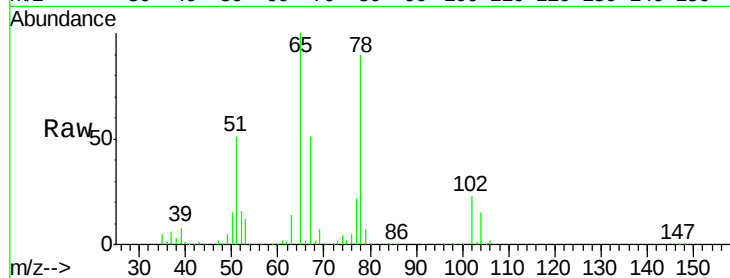
#33
 1,2-Dichloroethane-d4
 Concen: 44.654 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	127967		
67	53.5	0.0	101.2	

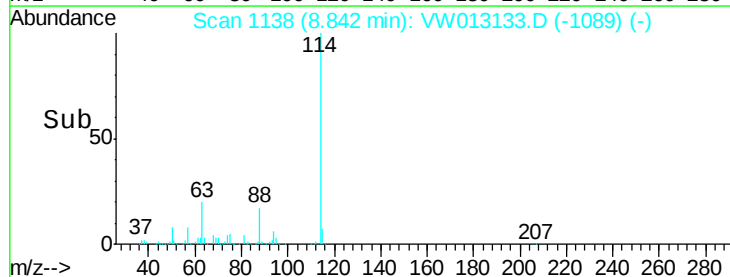
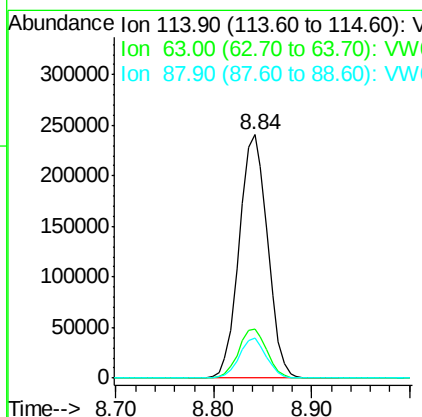
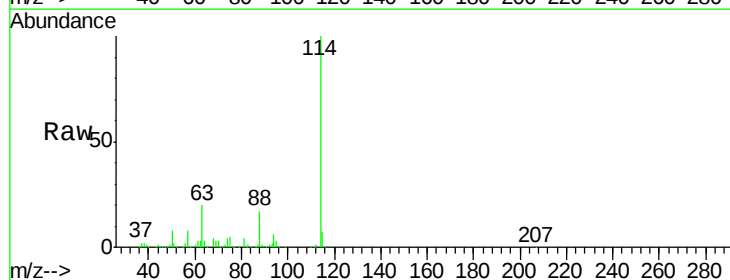
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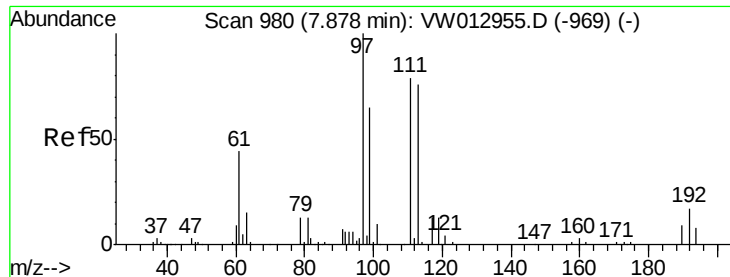
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	484035		
63	20.2	0.0	43.4	
88	16.7	0.0	31.6	





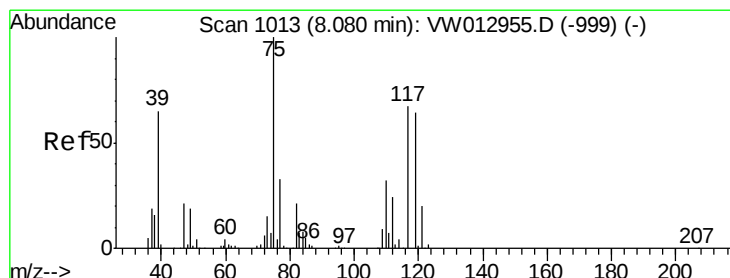
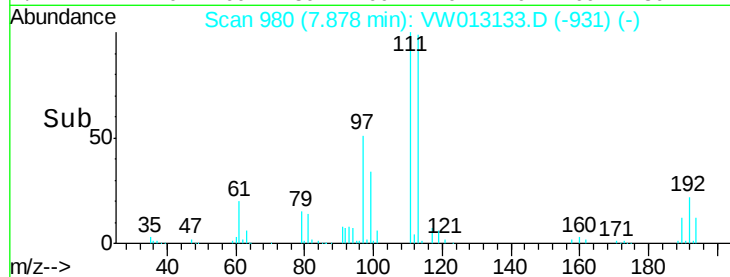
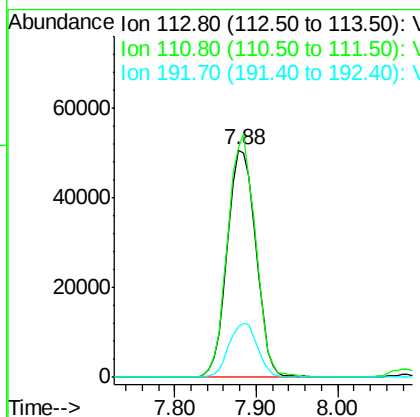
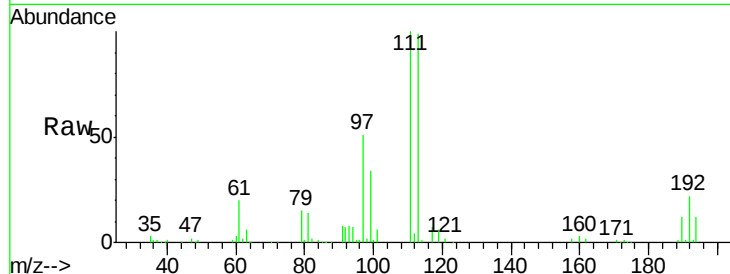
#35
 Dibromofluoromethane
 Concen: 46.982 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	123394		
111	103.7	82.8	124.2	
192	23.7	17.8	26.8	

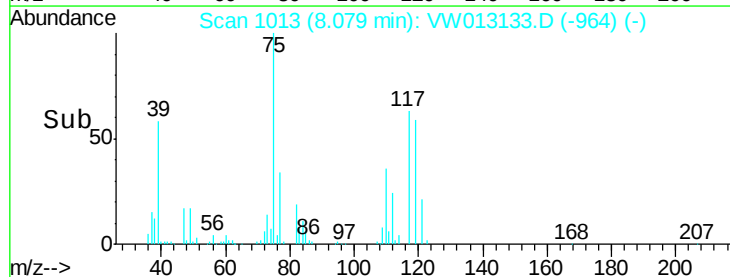
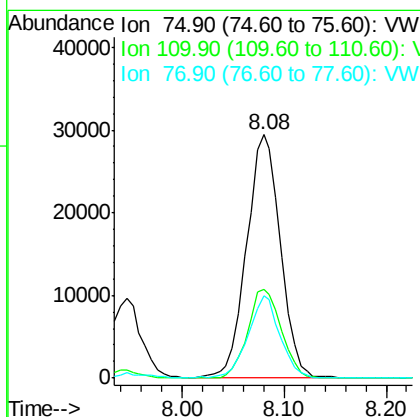
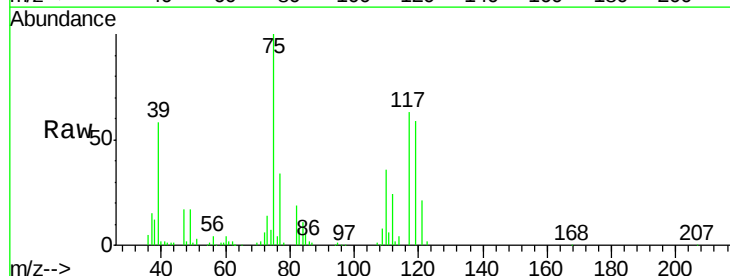
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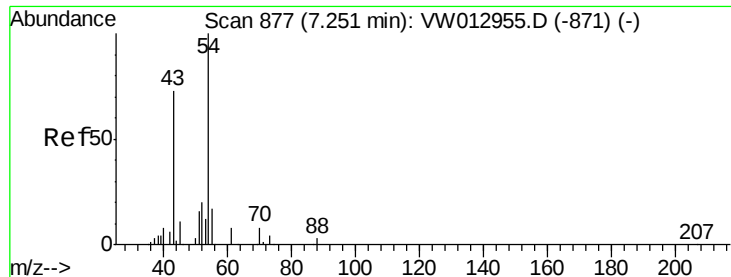
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#36
 1,1-Dichloropropene
 Concen: 17.558 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	67913		
110	36.1	16.4	49.1	
77	32.1	25.1	37.7	





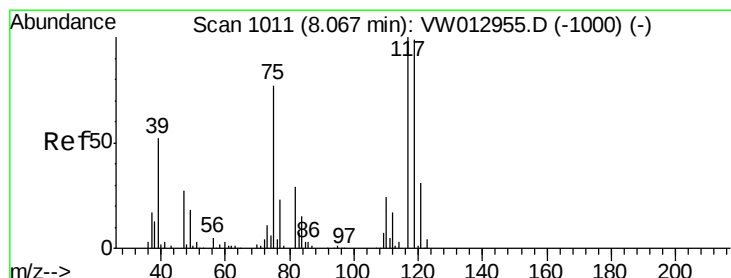
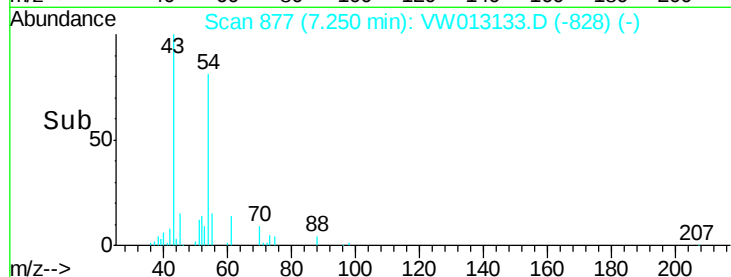
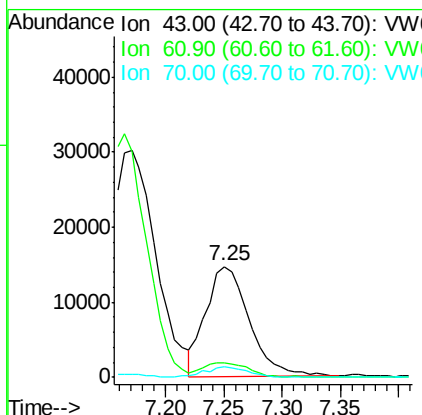
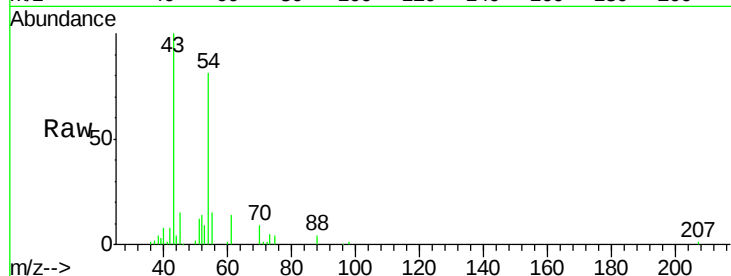
#37
Ethyl Acetate
Concen: 18.491 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	9.6	14.4
70	9.7	7.6	11.4

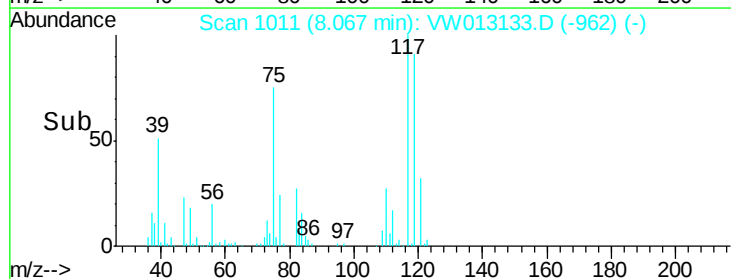
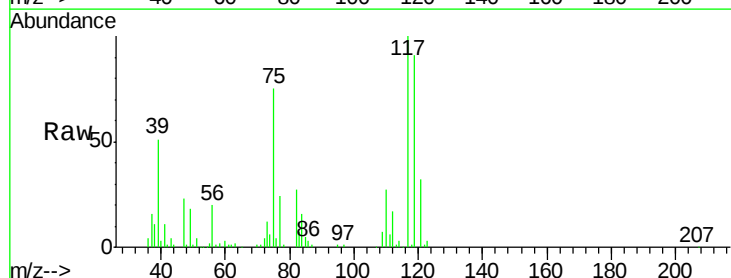
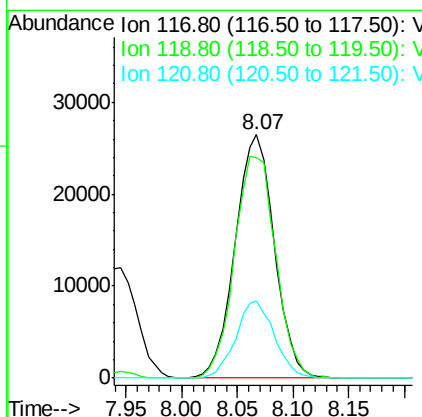
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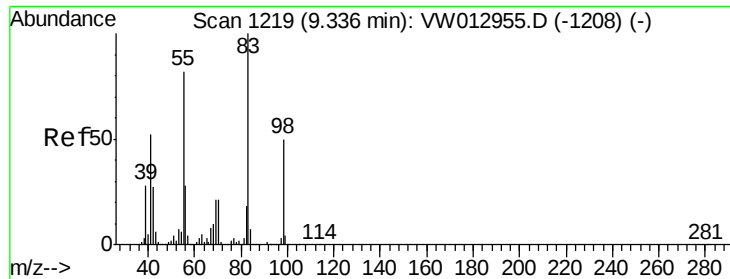
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#38
Carbon Tetrachloride
Concen: 16.330 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.5	79.4	119.0
121	32.0	24.6	36.8





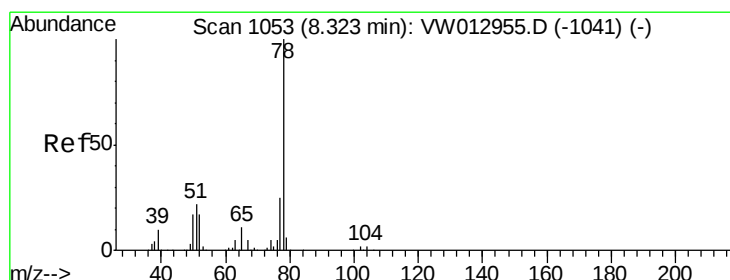
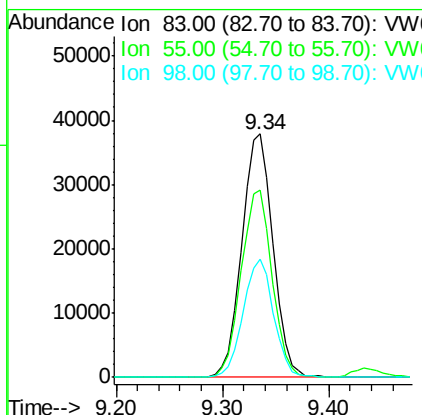
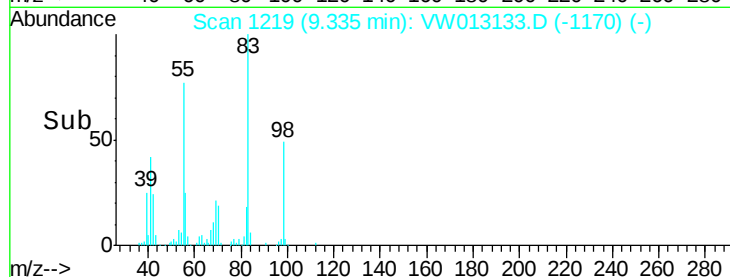
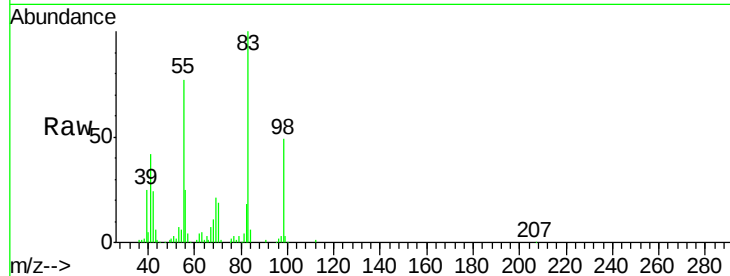
#39
Methvlcvclohexane
Concen: 18.356 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	65.9	98.9
98	48.5	39.6	59.4

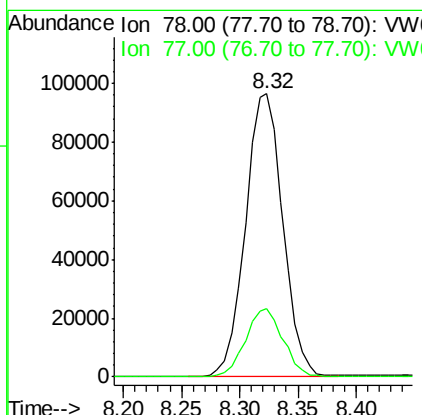
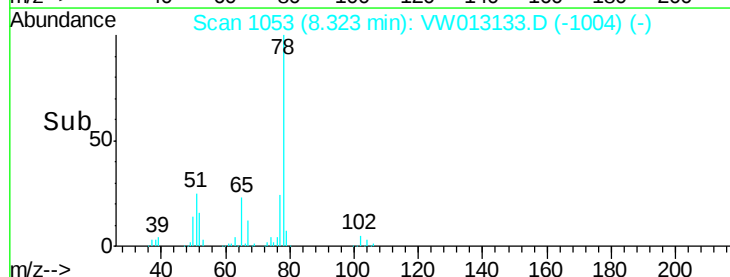
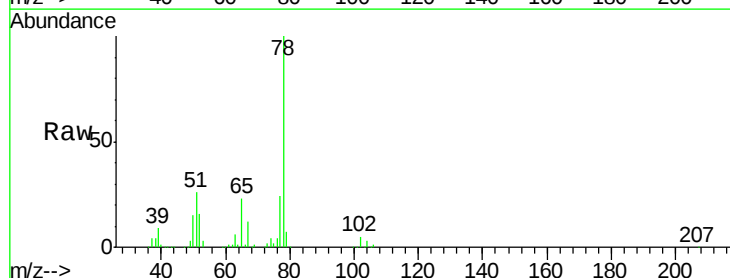
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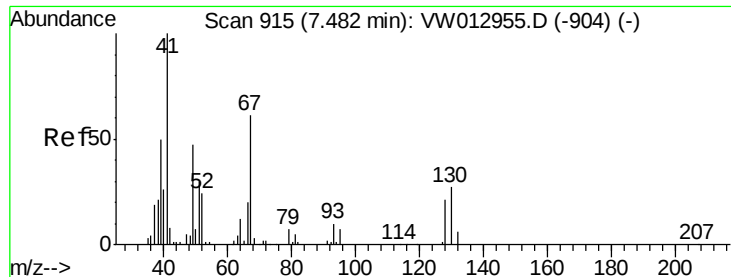
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#40
Benzene
Concen: 20.062 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.6	29.4





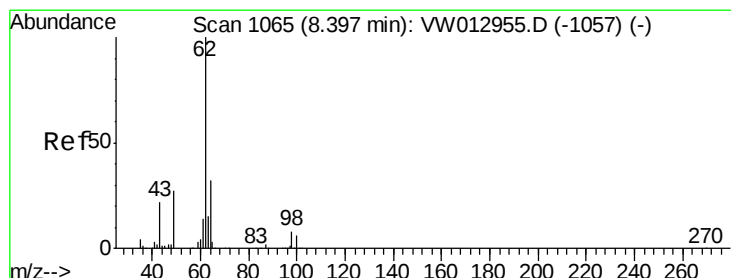
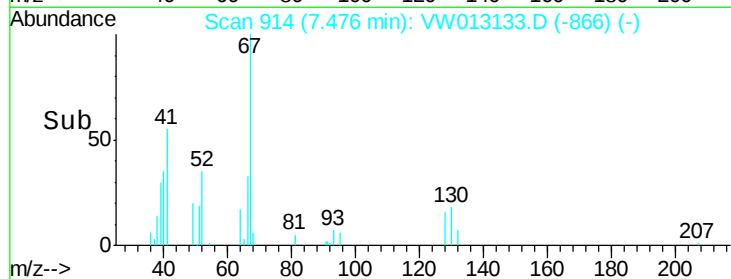
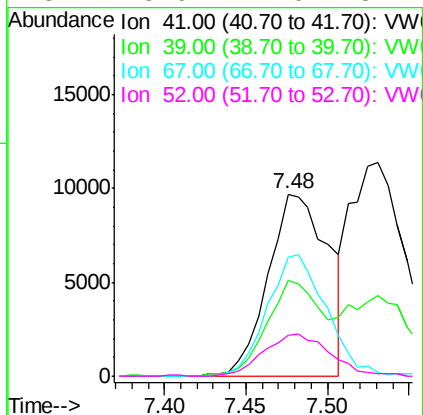
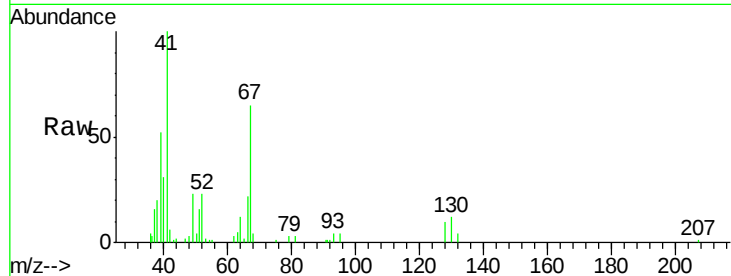
#41
Methacrylonitrile
Concen: 18.436 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

Tot Ion	41	Resp	24925
Ion Ratio	Lower	Upper	
41	100		
39	46.4	48.2	72.4#
67	65.2	47.5	71.3
52	25.9	21.0	31.4

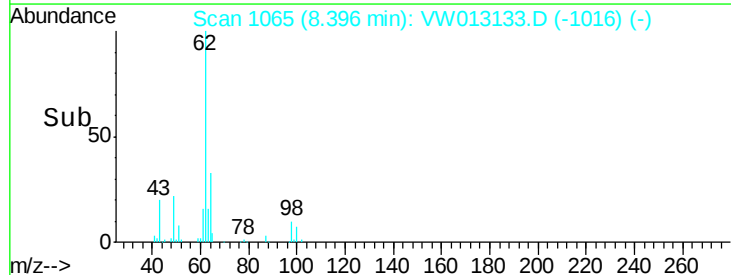
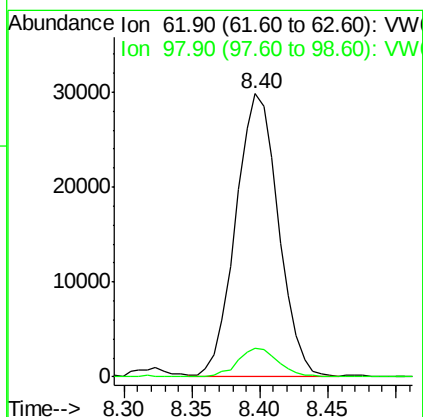
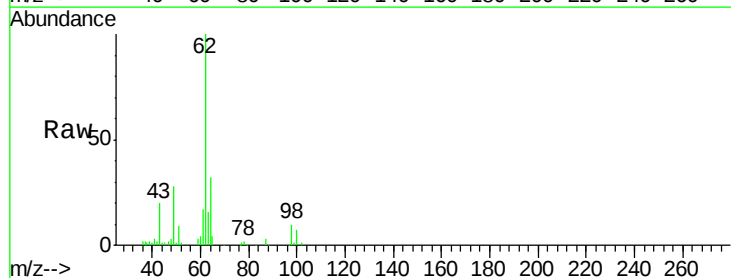
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 17.926 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion	62	Resp	64887
Ion Ratio	Lower	Upper	
62	100		
98	9.6	0.0	16.8





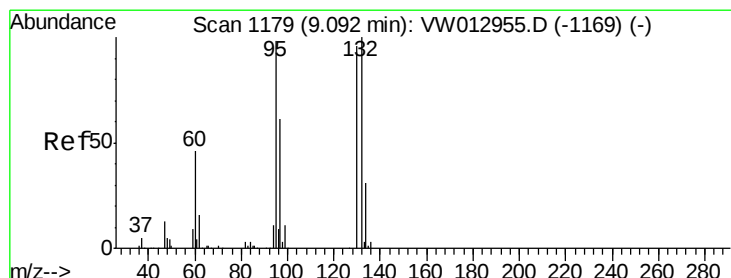
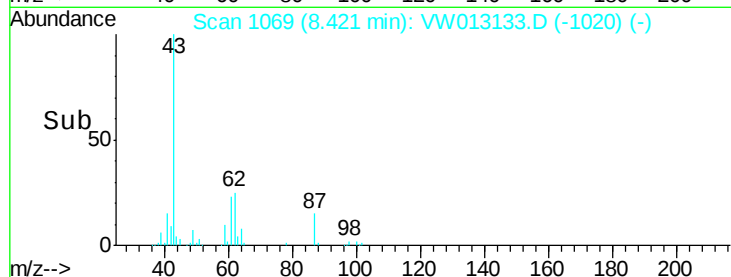
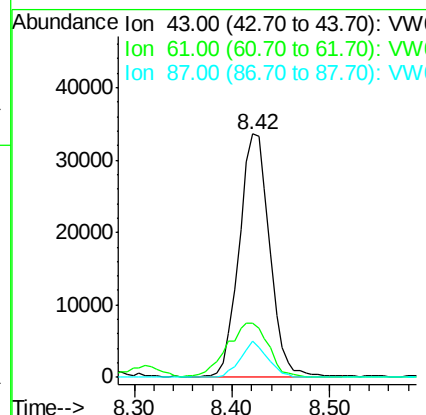
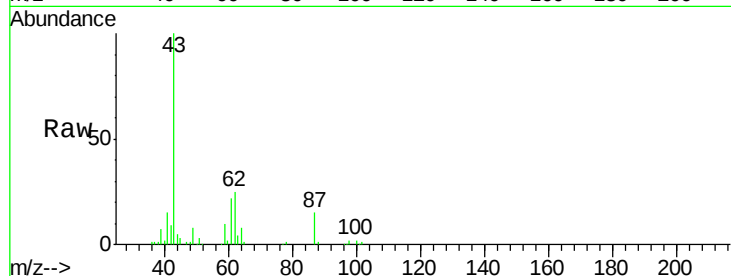
#43
Isopropyl Acetate
Concen: 18.407 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.8	22.7	34.1
87	13.2	9.4	14.2

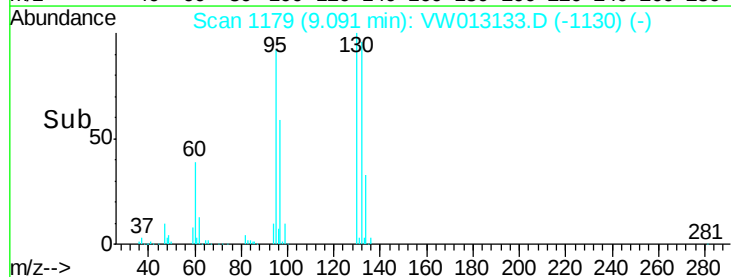
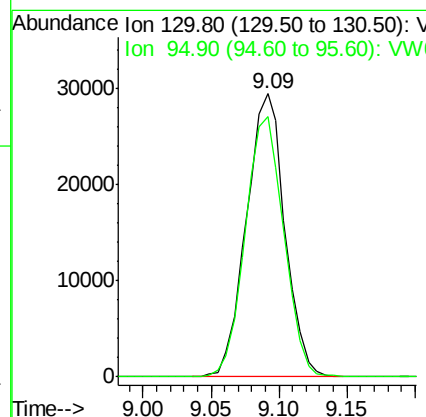
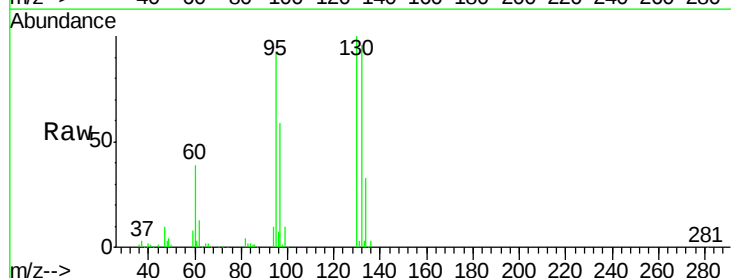
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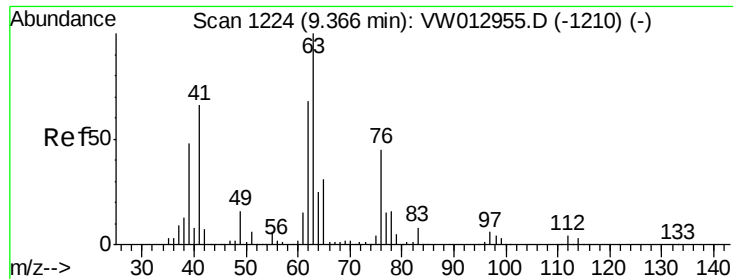
MMDadoda
9/19/2019 11:21:53 AM



#44
Trichloroethene
Concen: 19.723 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	204.4





#45

1,2-Dichloropropane

Concen: 20.235 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 63 Resp: 58049

Ion Ratio Lower Upper

63 100

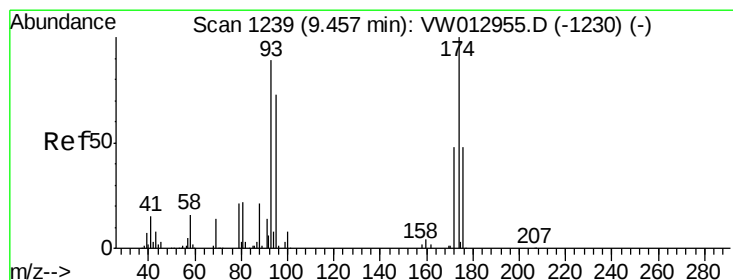
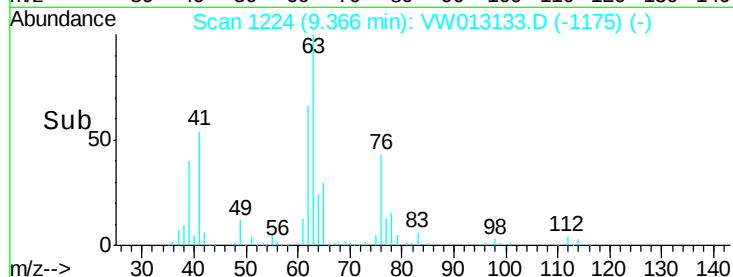
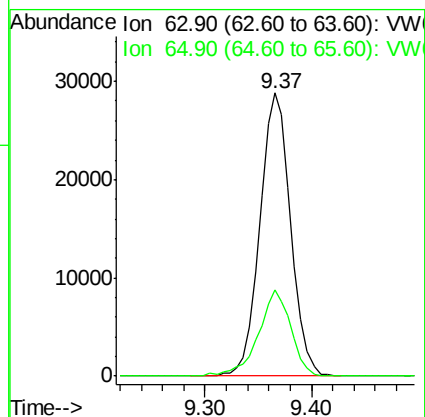
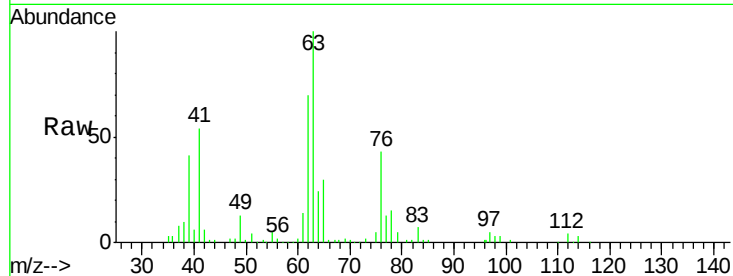
65 30.5 24.6 37.0

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#46

Dibromomethane

Concen: 20.739 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

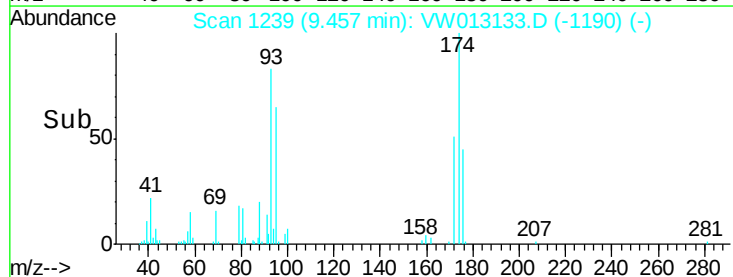
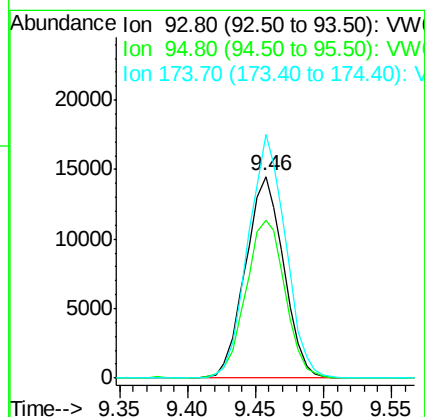
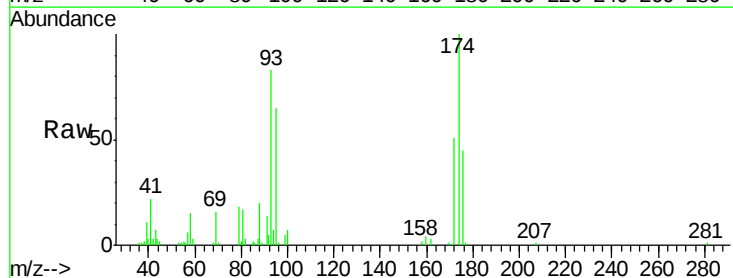
Tgt Ion: 93 Resp: 28504

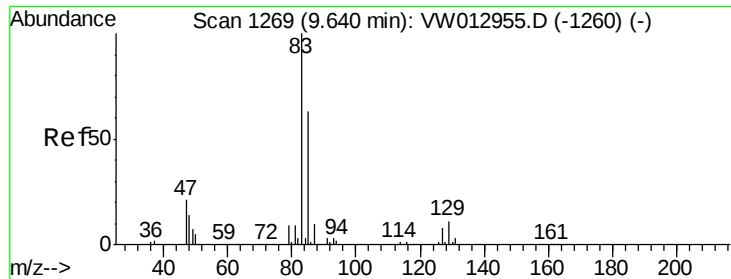
Ion Ratio Lower Upper

93 100

95 80.5 67.0 100.4

174 118.6 90.5 135.7





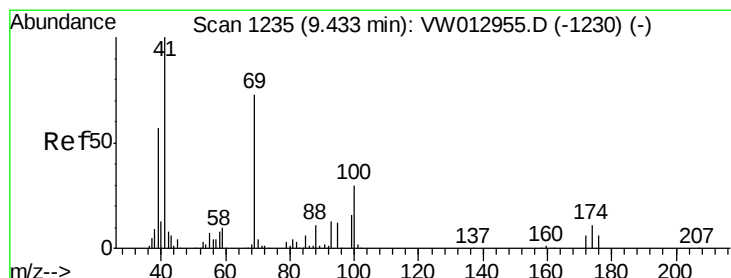
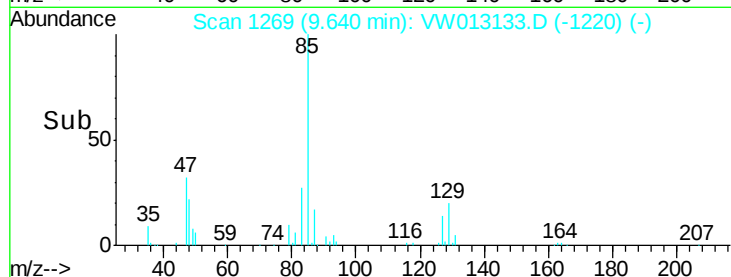
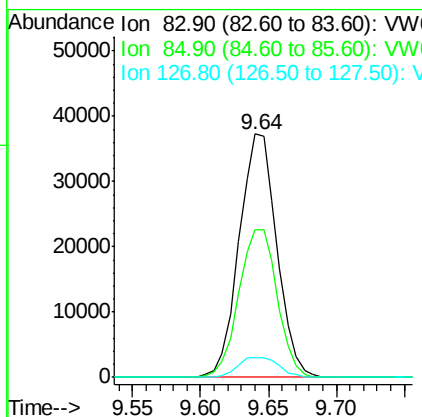
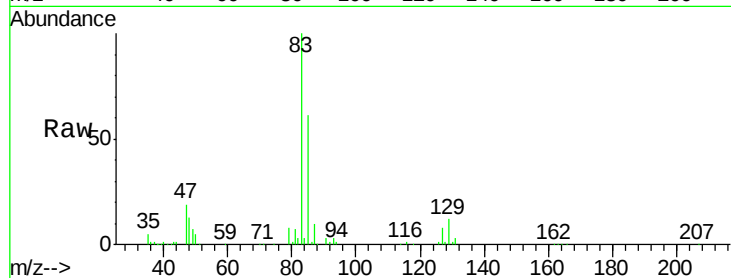
#47
Bromodichloromethane
Concen: 18.710 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
85	60.8	50.6	75.8
127	8.3	6.7	10.1

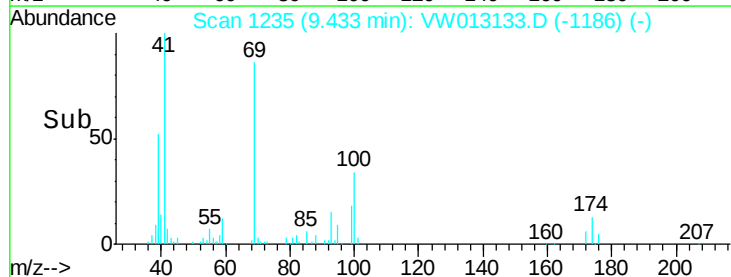
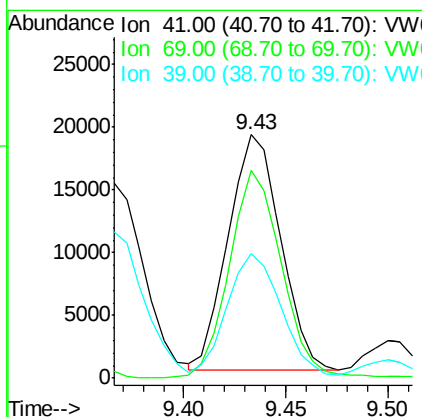
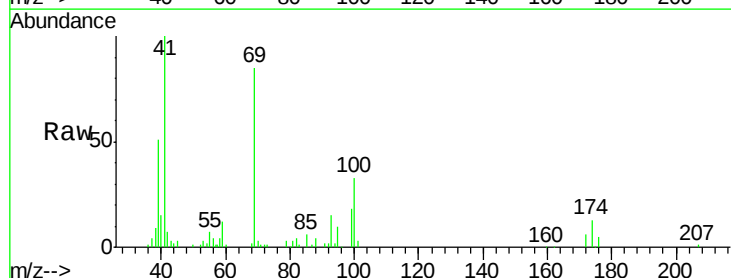
Manual Integrations
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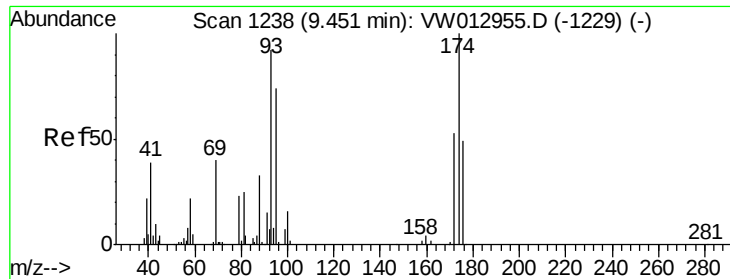
MMDadoda
9/19/2019 11:21:53 AM



#48
Methyl methacrylate
Concen: 18.192 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.3	62.8	94.2
39	55.2	48.5	72.7





#49

1,4-Dioxane

Concen: 384.925 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

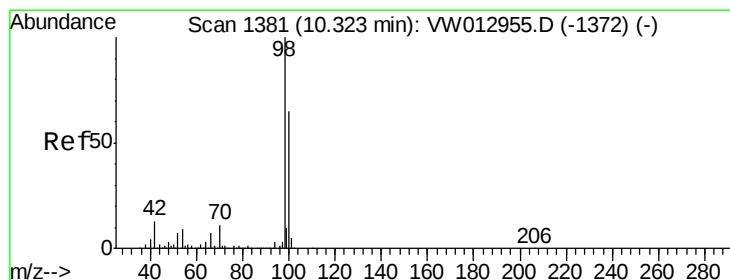
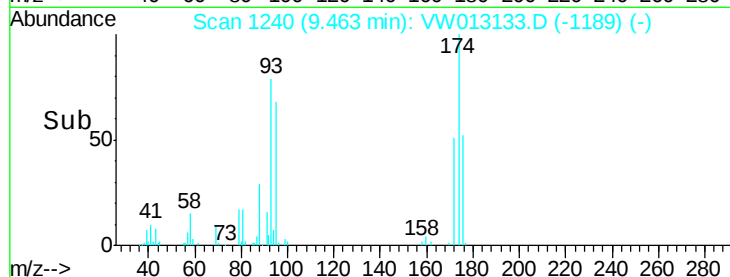
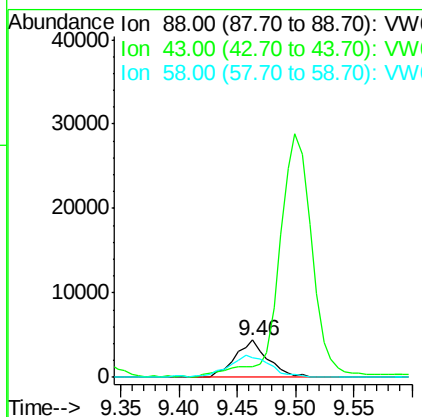
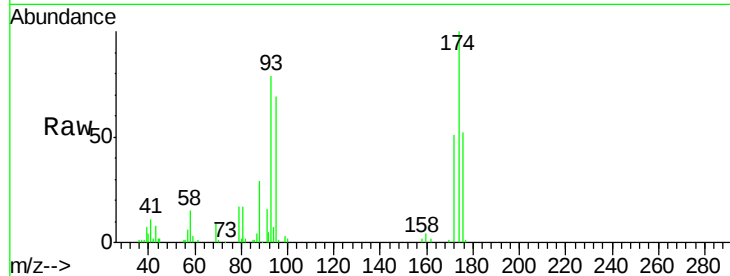
ClientSampleId :

VW0918SBS02

Tot Ion:	88	Resp:	8865
Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.3	46.9#
58	73.1	60.2	90.2

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#50

Toluene-d8

Concen: 47.752 ug/l

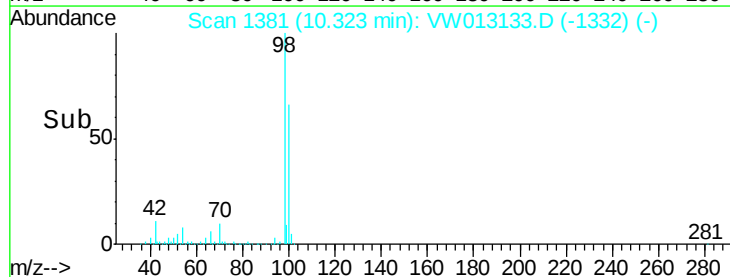
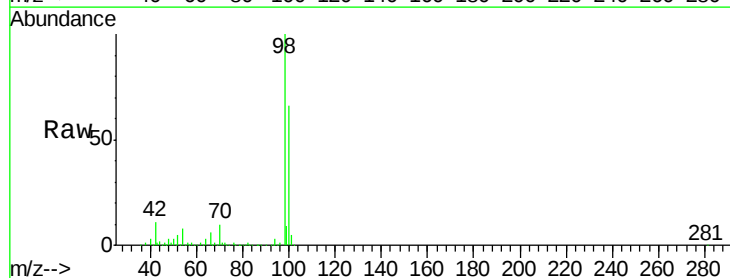
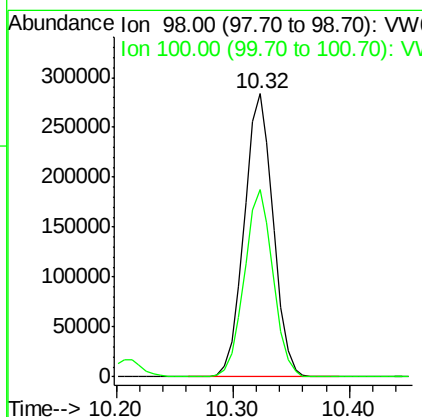
RT: 10.32 min Scan# 1381

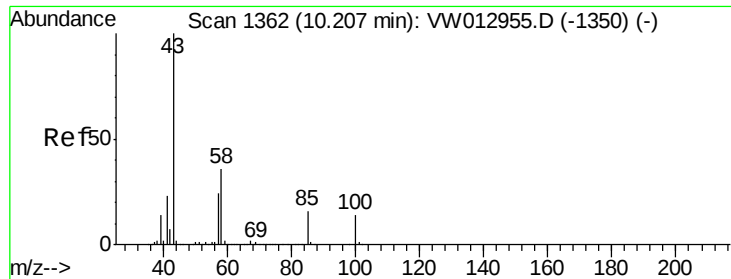
Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Tgt Ion:	98	Resp:	490776
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 91.599 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD02

Tot Ion: 43 Resp: 186413

Ion Ratio Lower Upper

43 100

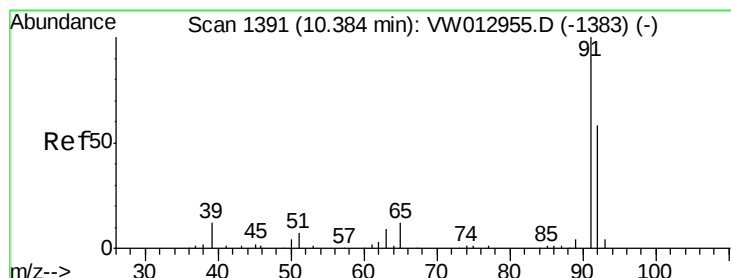
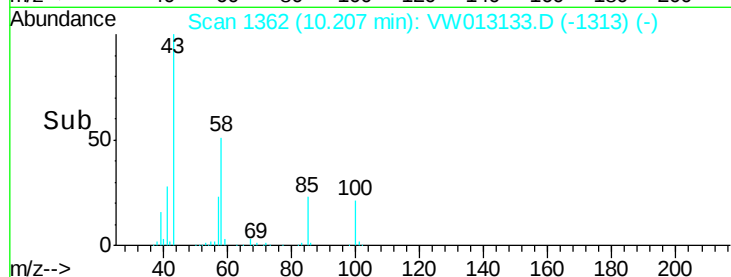
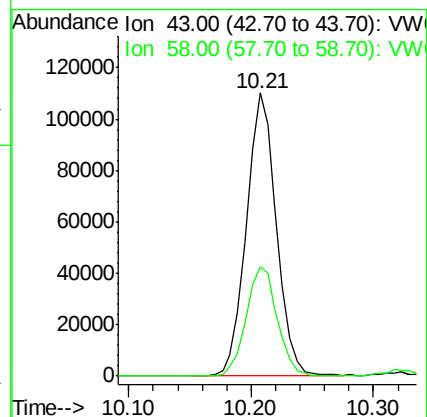
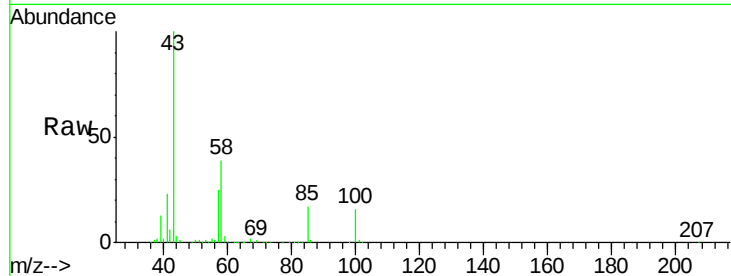
58 40.3 29.5 44.3

Manual Integrations

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#52

Toluene

Concen: 20.329 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013133.D

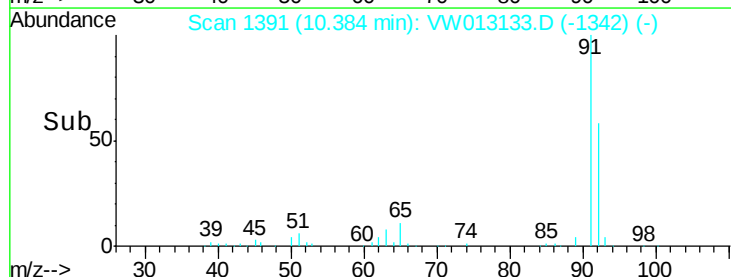
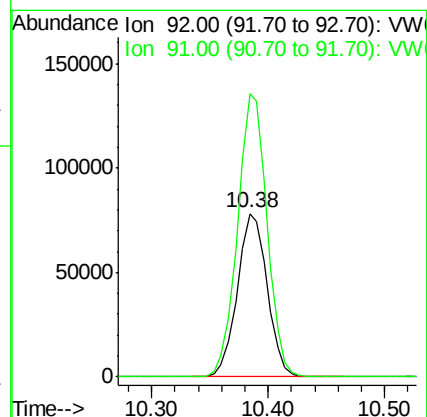
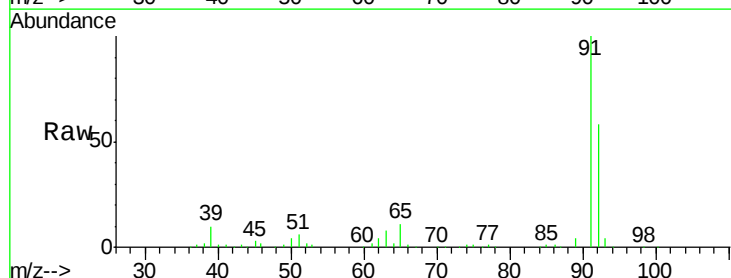
Acq: 19 Sep 2019 01:31

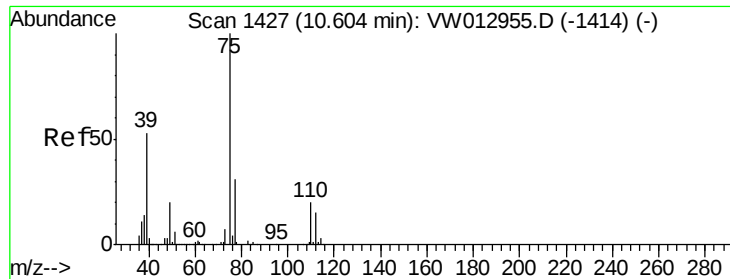
Tgt Ion: 92 Resp: 139487

Ion Ratio Lower Upper

92 100

91 171.4 137.5 206.3





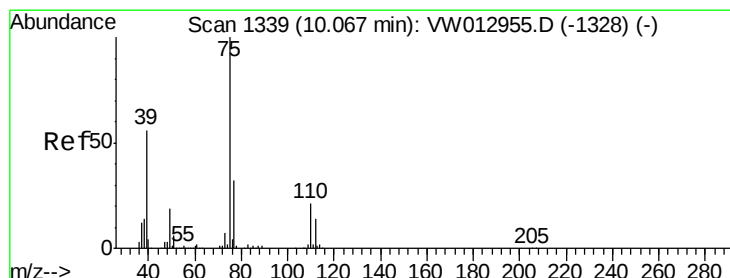
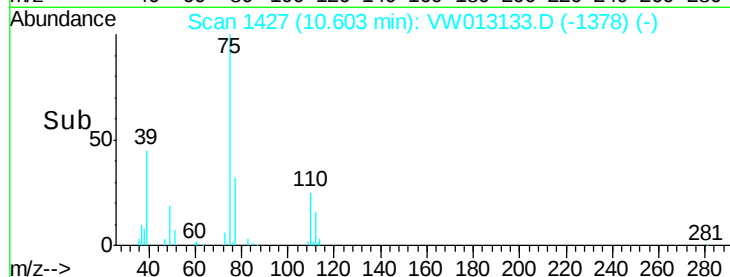
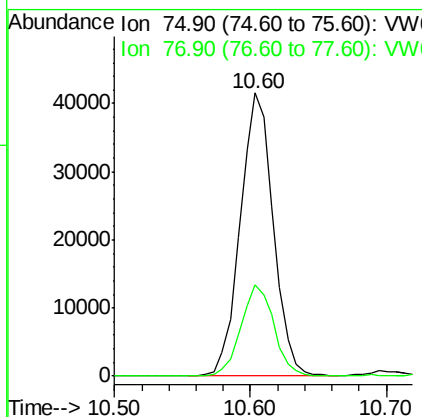
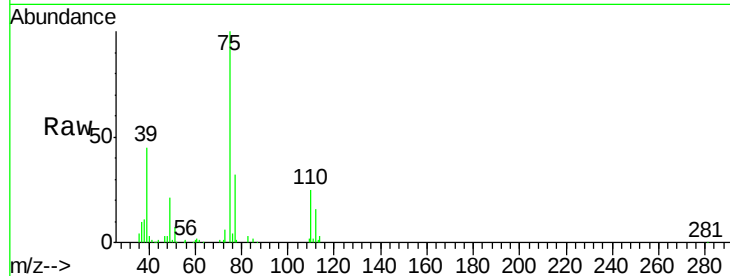
#53
t-1,3-Dichloropropene
Concen: 18.127 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.6	37.0

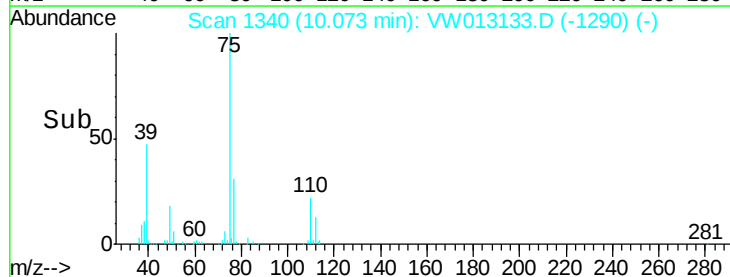
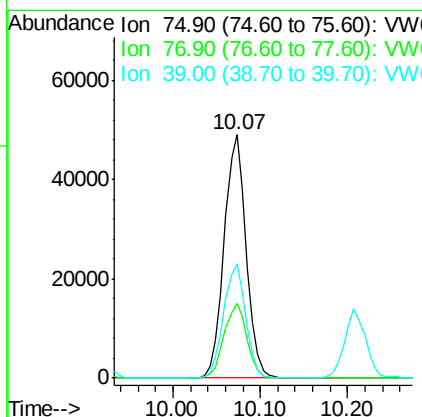
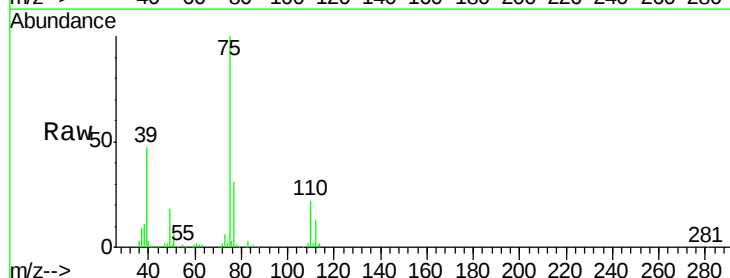
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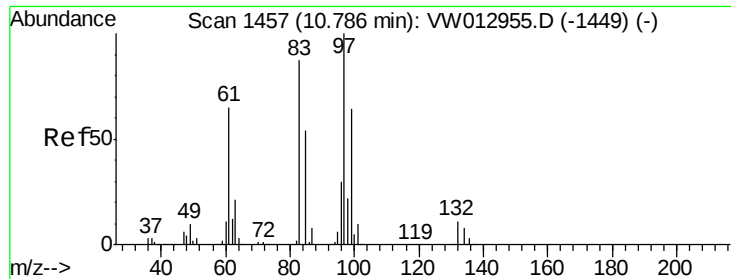
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.233 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.01 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.5	38.3
39	46.9	45.0	67.6





#55

1,1,2-Trichloroethane

Concen: 21.218 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

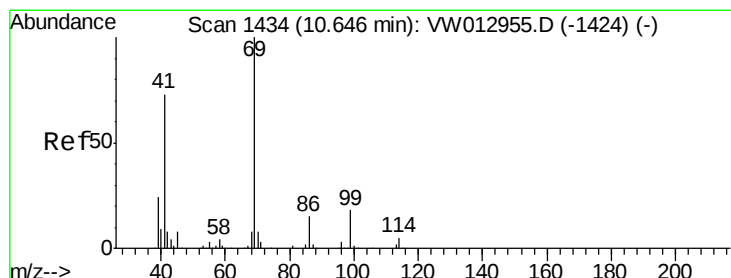
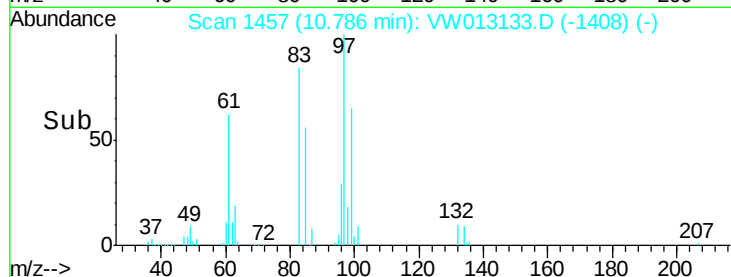
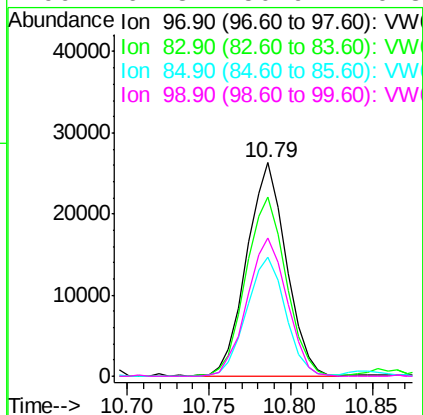
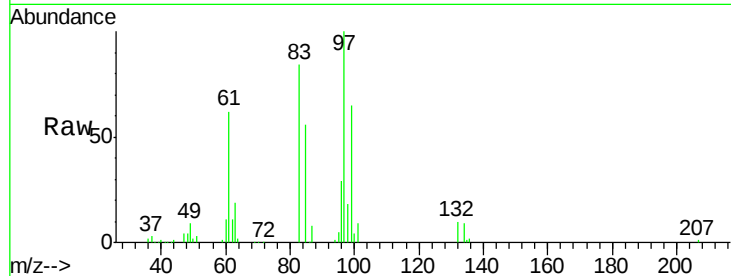
ClientSampleId :

VW0918SBS02

Tot Ion:	97	Resp:	44426
Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.4	104.0
85	55.5	43.3	64.9
99	64.8	50.9	76.3

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#56

Ethyl methacrylate

Concen: 20.641 ug/l

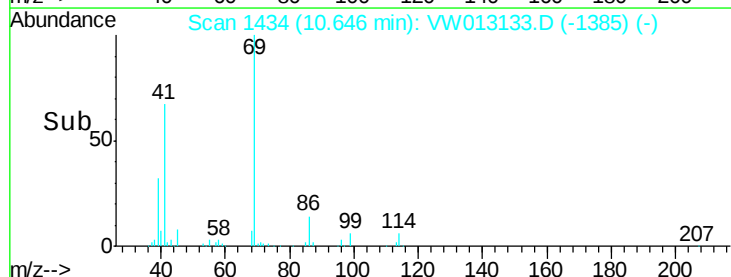
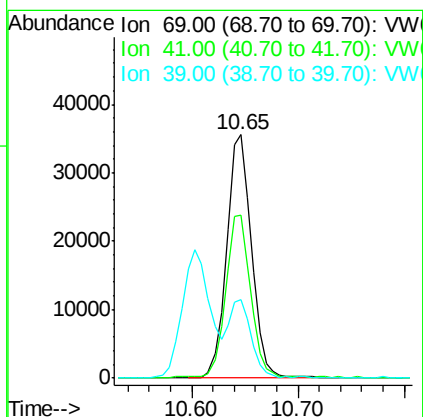
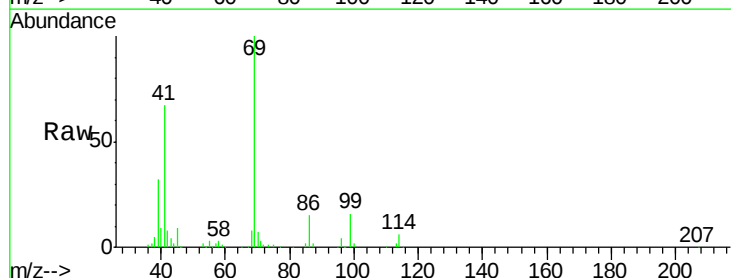
RT: 10.65 min Scan# 1434

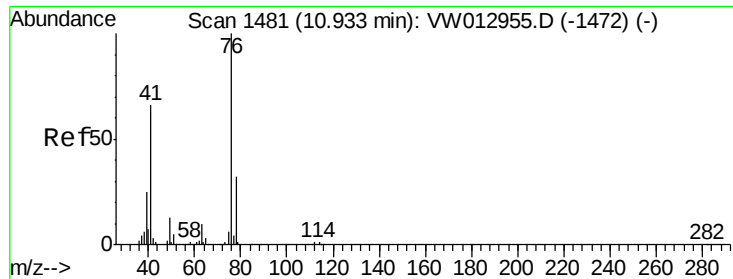
Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Tgt Ion:	69	Resp:	58173
Ion	Ratio	Lower	Upper
69	100		
41	68.0	60.8	91.2
39	28.8	29.4	44.0#





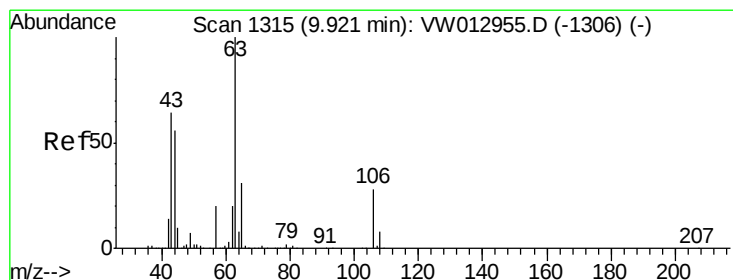
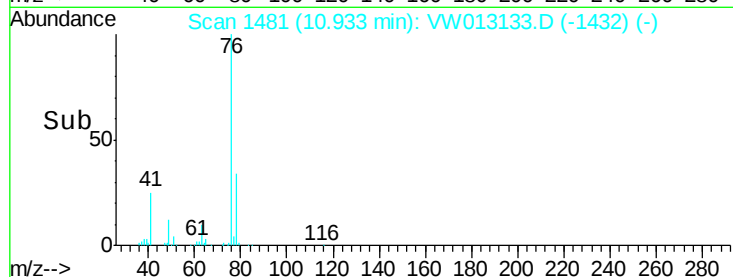
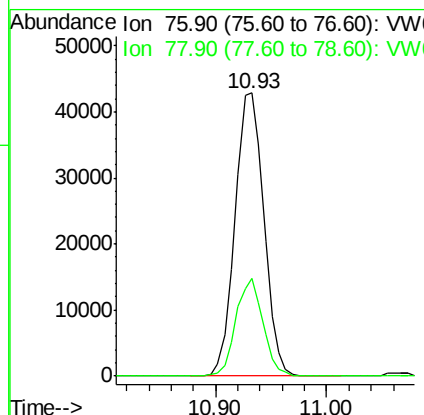
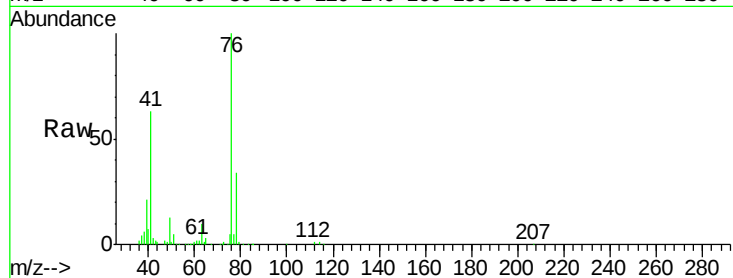
#57
 1,3-Dichloropropane
 Concen: 20.714 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.6	38.4

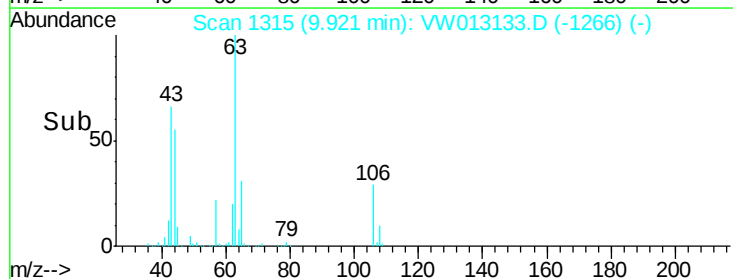
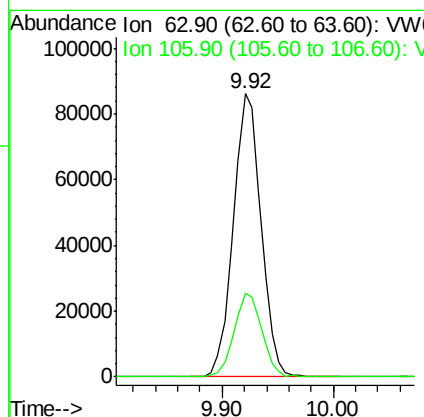
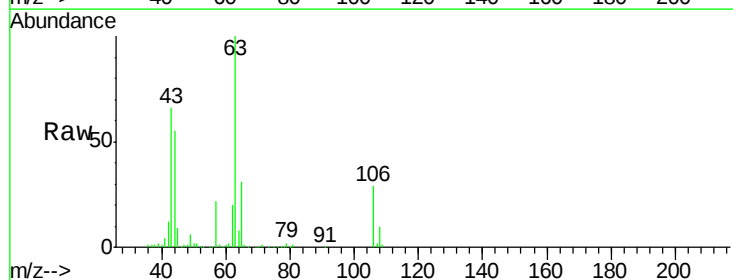
Manual Integrations
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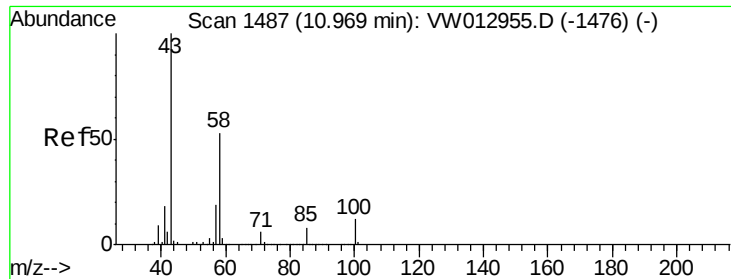
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#58
 2-Chloroethyl Vinyl ether
 Concen: 98.094 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	22.2	33.2





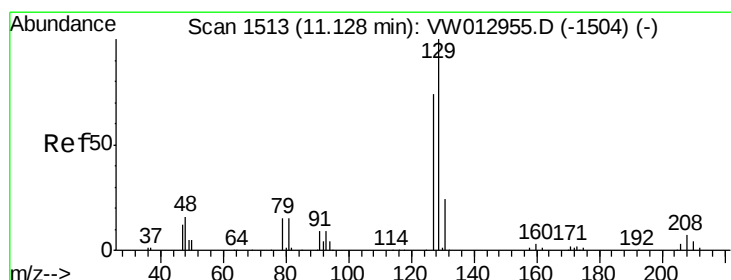
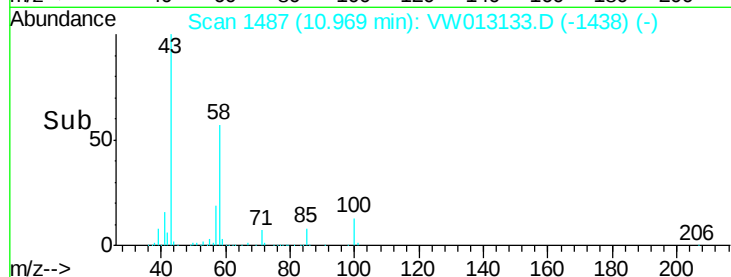
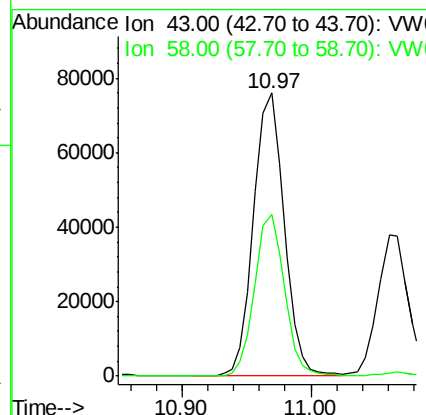
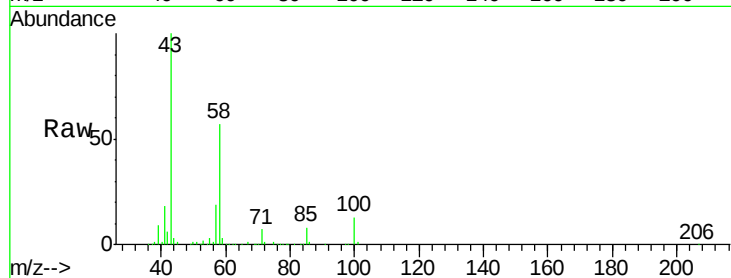
#59
2-Hexanone
Concen: 88.413 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

Tot Ion: 43 Resp: 125286
Ion Ratio Lower Upper
43 100
58 55.9 25.8 77.3

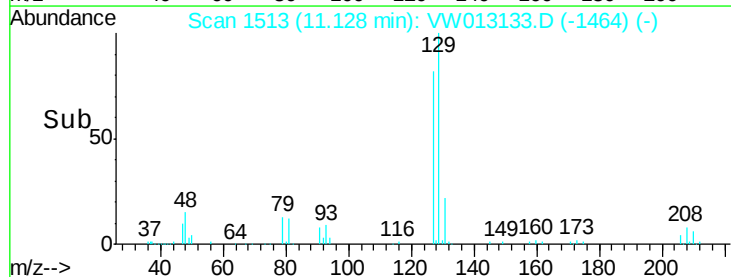
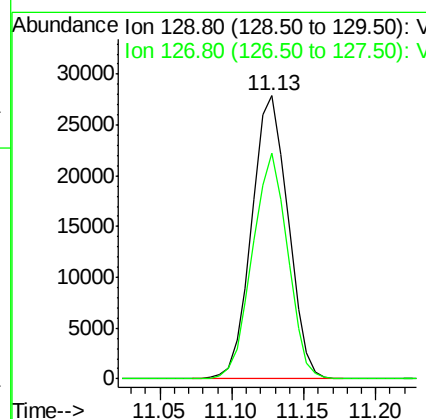
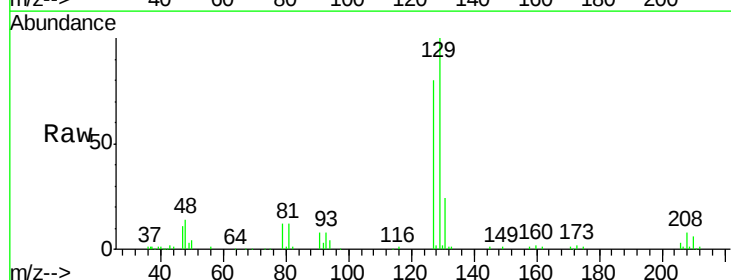
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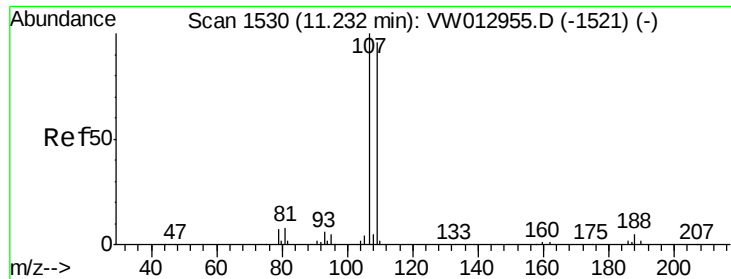
MMDadoda
9/19/2019 11:21:53 AM



#60
Dibromochloromethane
Concen: 19.213 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion: 129 Resp: 48636
Ion Ratio Lower Upper
129 100
127 77.3 37.4 112.2





#61

1,2-Dibromoethane

Concen: 21.198 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion: 107 Resp: 40489

Ion Ratio Lower Upper

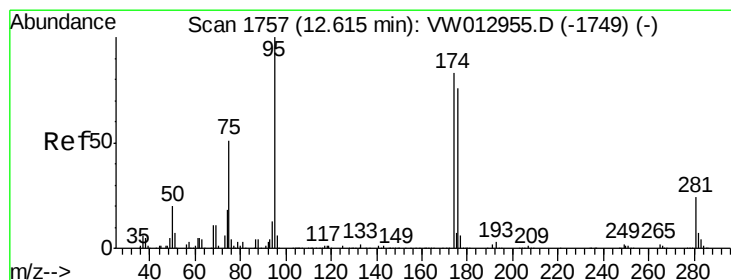
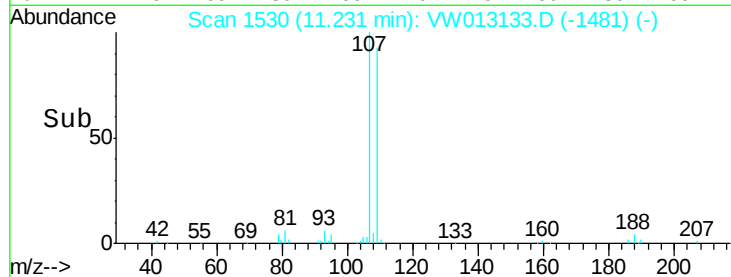
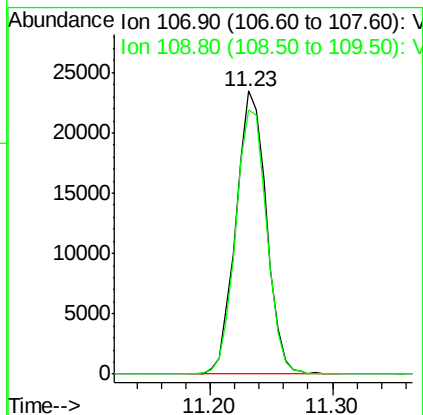
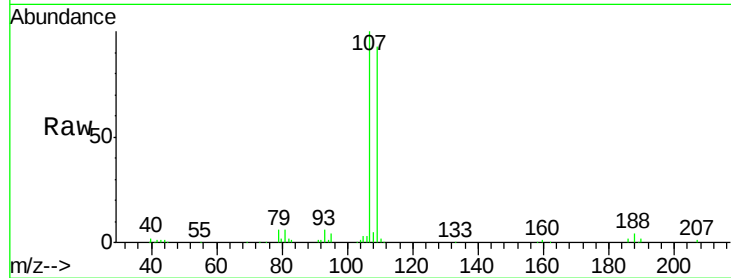
107 100

109 95.2 75.0 112.6

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#62

4-Bromofluorobenzene

Concen: 46.784 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

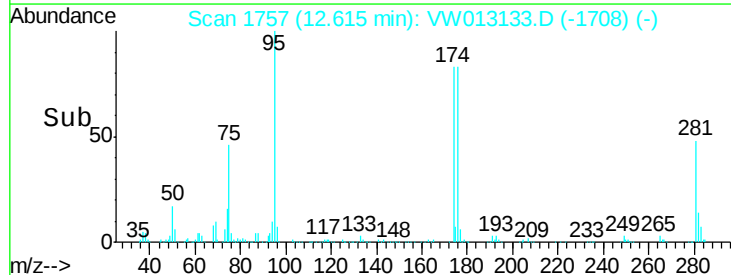
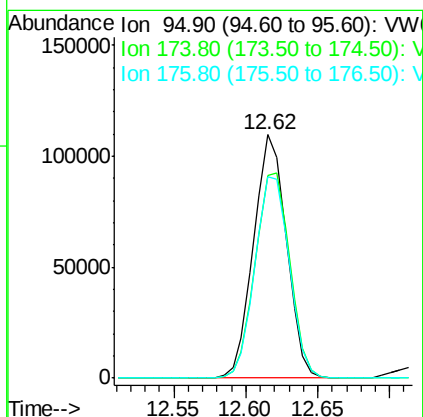
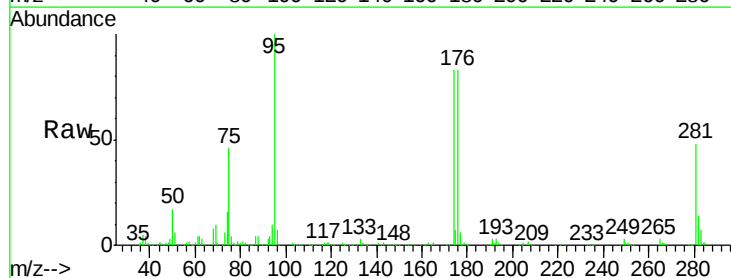
Tgt Ion: 95 Resp: 172895

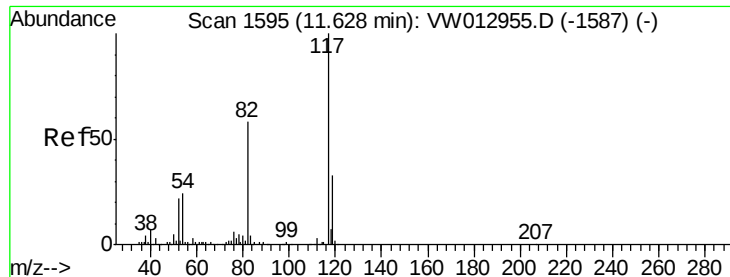
Ion Ratio Lower Upper

95 100

174 88.8 0.0 170.4

176 86.4 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: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

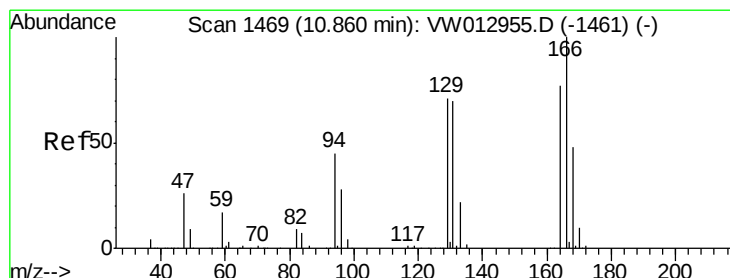
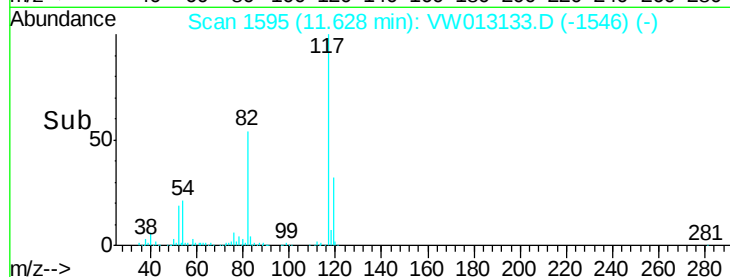
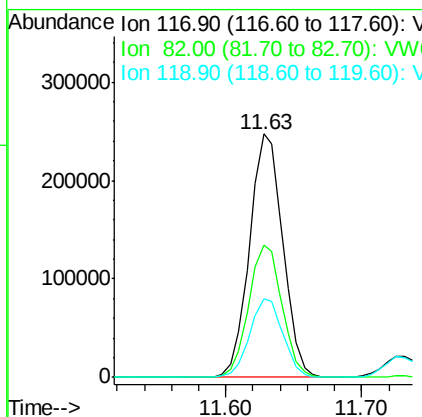
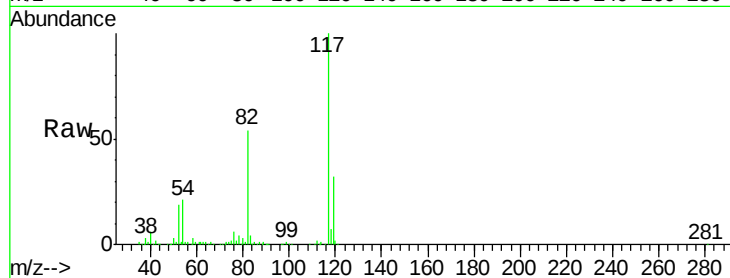
ClientSampleId :

VW0918SBS02

Tot Ion:	117	Resp:	424743
Ion Ratio	Lower	Upper	
117	100		
82	54.4	46.3	69.5
119	32.4	26.2	39.4

Manual Integrations
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#64

Tetrachloroethene

Concen: 20.888 ug/l

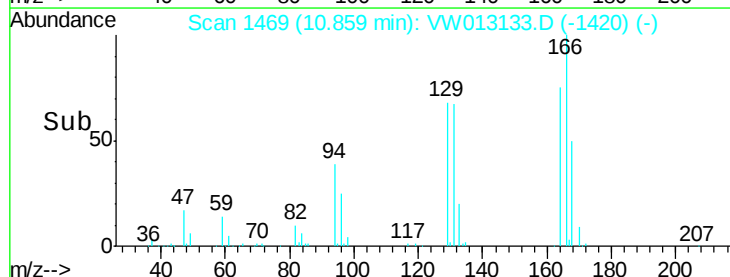
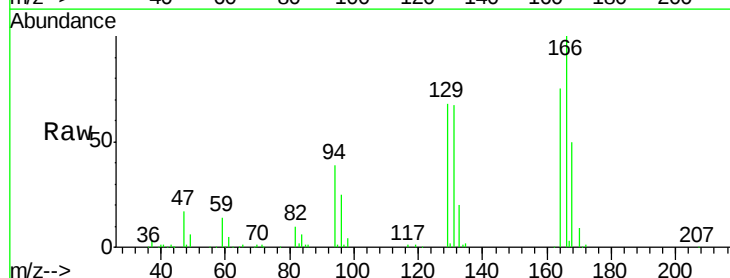
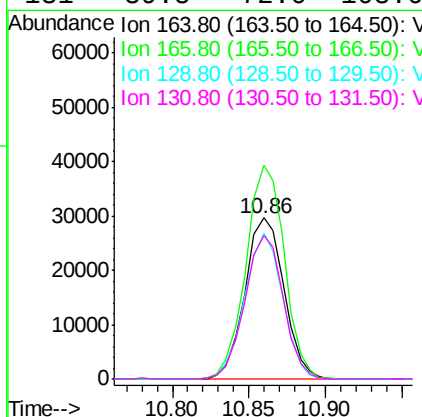
RT: 10.86 min Scan# 1469

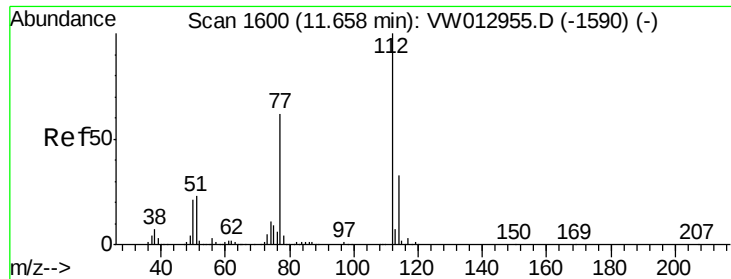
Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Tgt Ion:	164	Resp:	52781
Ion Ratio	Lower	Upper	
164	100		
166	132.9	103.3	154.9
129	90.8	73.8	110.8
131	89.5	72.0	108.0





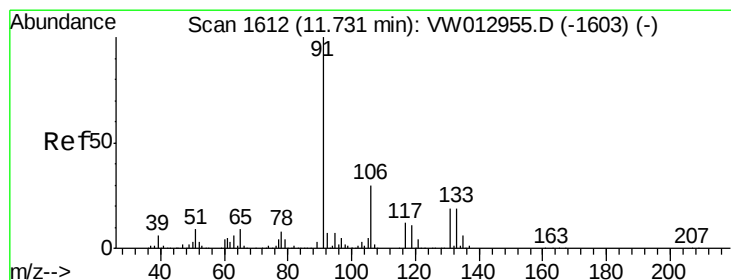
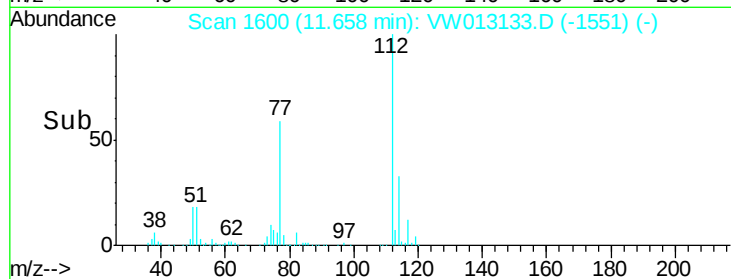
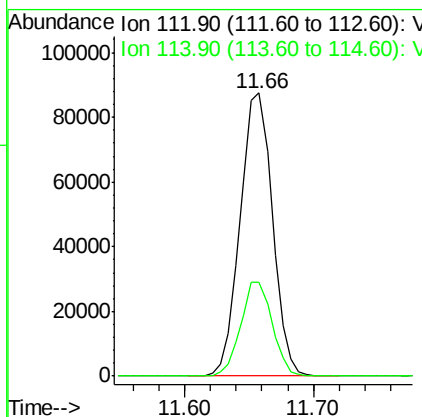
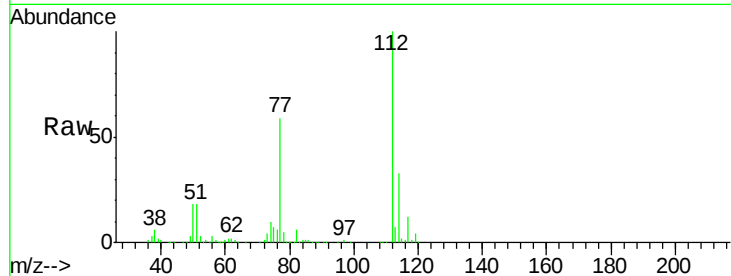
#65
Chlorobenzene
Concen: 20.074 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	26.4	39.6

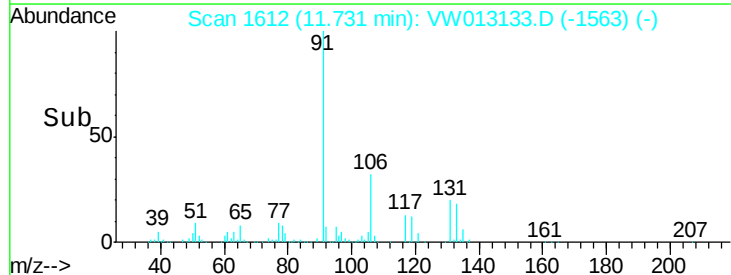
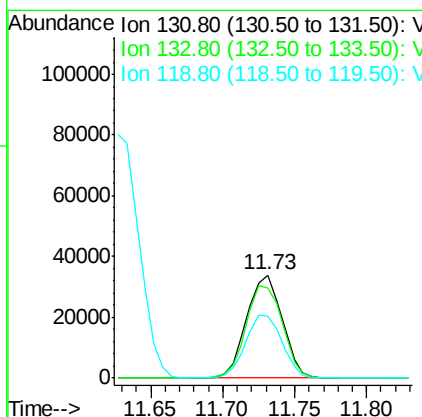
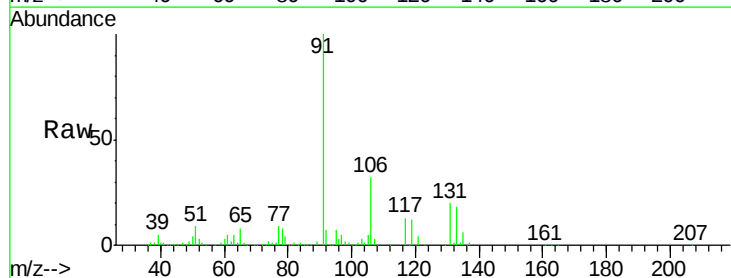
Manual Integrations
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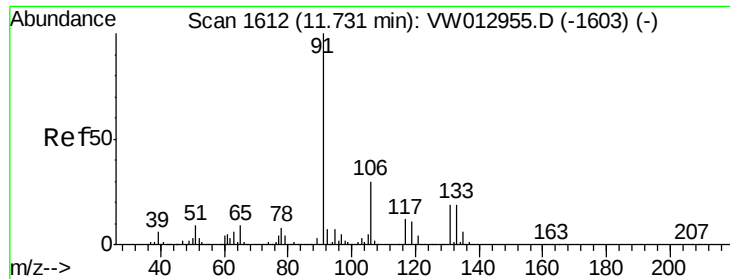
MMDadoda
9/19/2019 11:21:53 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.015 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.4	47.9	143.8
119	62.5	30.9	92.7





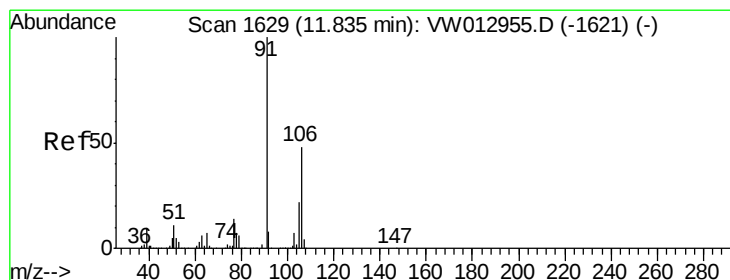
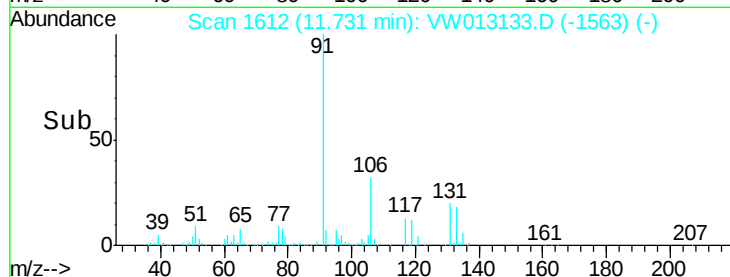
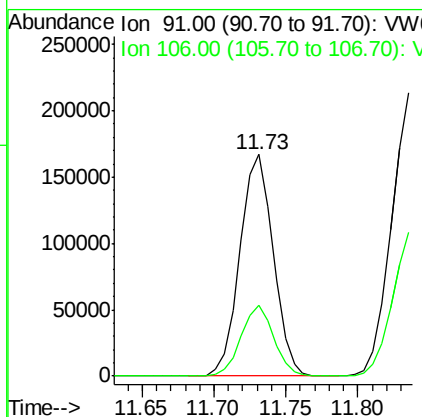
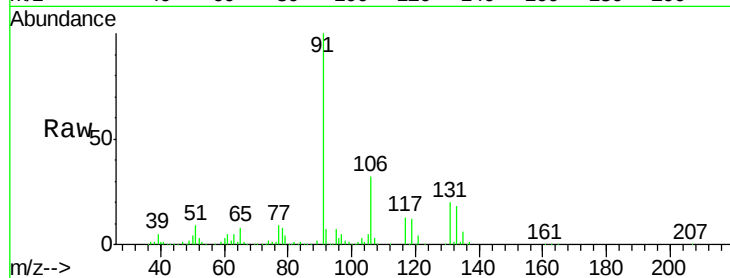
#67
Ethyl Benzene
Concen: 19.214 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.1	24.3	36.5

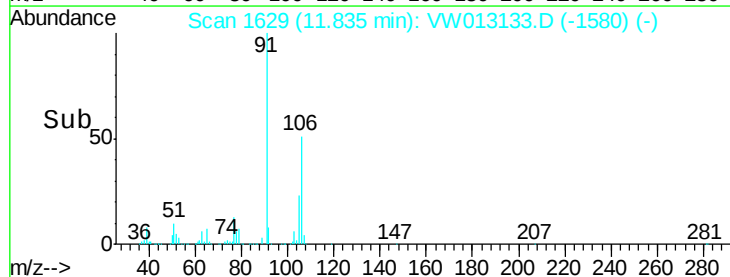
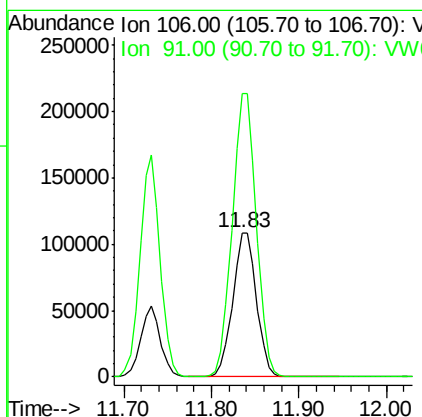
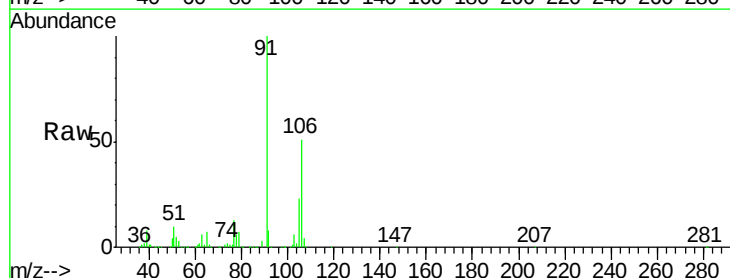
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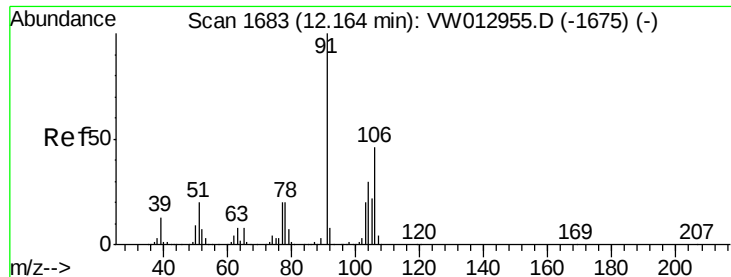
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#68
m/p-Xylenes
Concen: 40.167 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.4	165.8	248.8





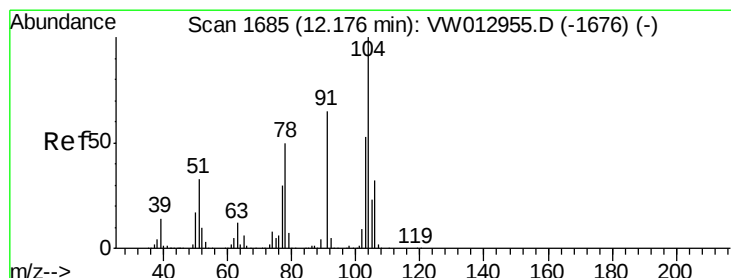
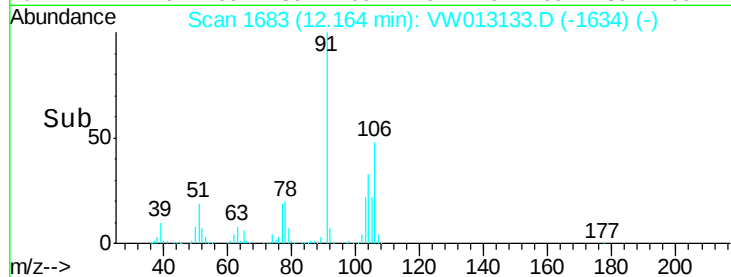
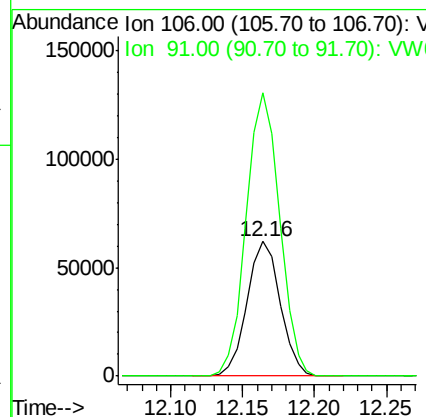
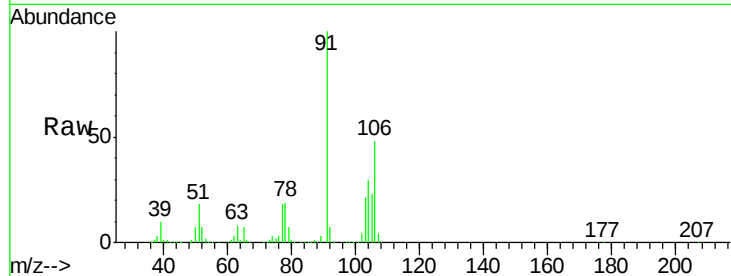
#69
o-Xylene
Concen: 20.741 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion:106 Resp: 99256
Ion Ratio Lower Upper
106 100
91 211.7 109.7 329.0

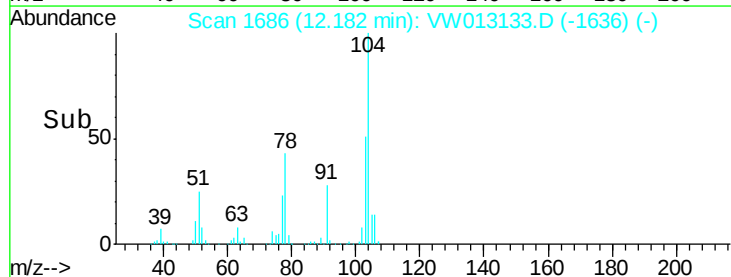
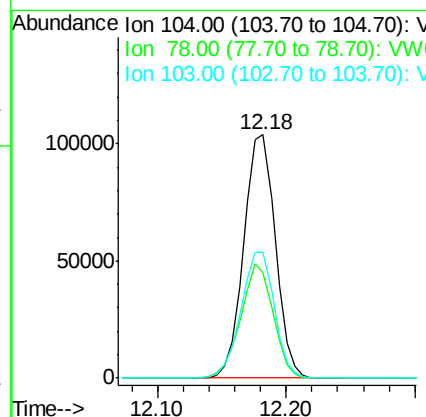
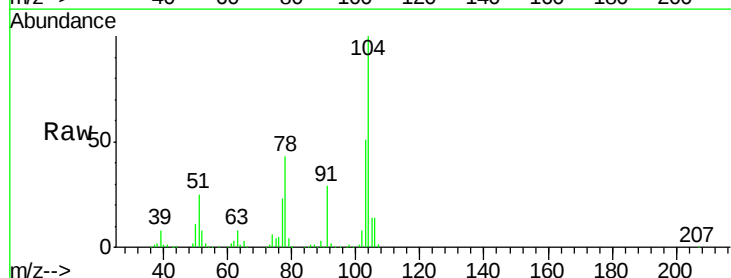
Manual Integrations
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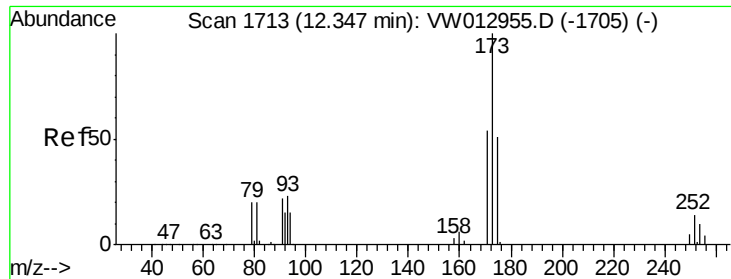
MMDadoda
9/19/2019 11:21:53 AM



#70
Styrene
Concen: 20.675 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion:104 Resp: 176007
Ion Ratio Lower Upper
104 100
78 48.2 42.1 63.1
103 54.9 44.2 66.4





#71

Bromoform

Concen: 19.368 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion:173 Resp: 29496

Ion Ratio Lower Upper

173 100

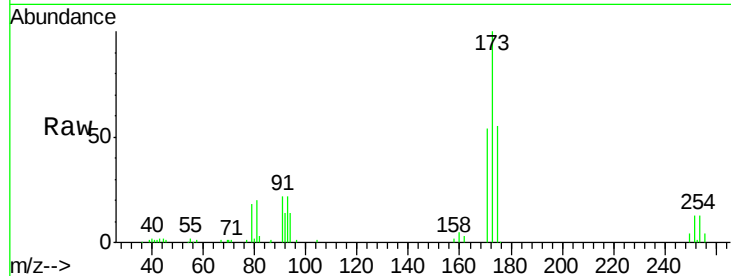
175 51.1 24.2 72.6

254 0.0 0.1 0.1#

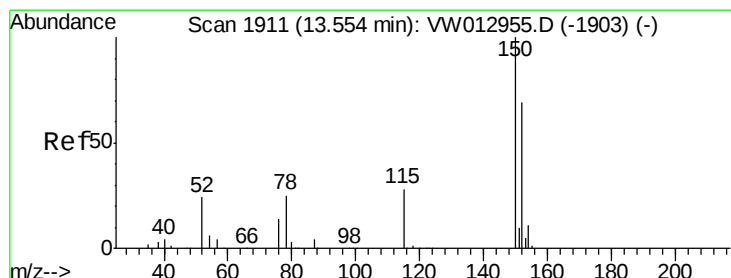
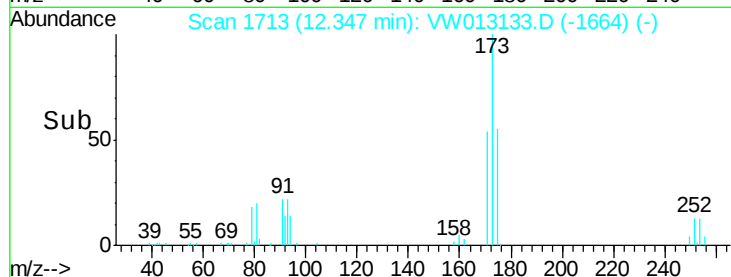
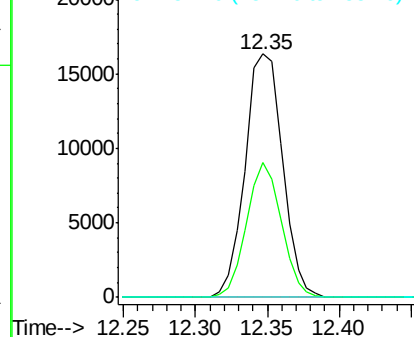
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

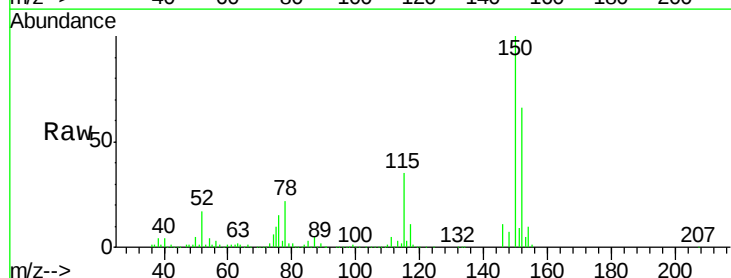
Tgt Ion:152 Resp: 216360

Ion Ratio Lower Upper

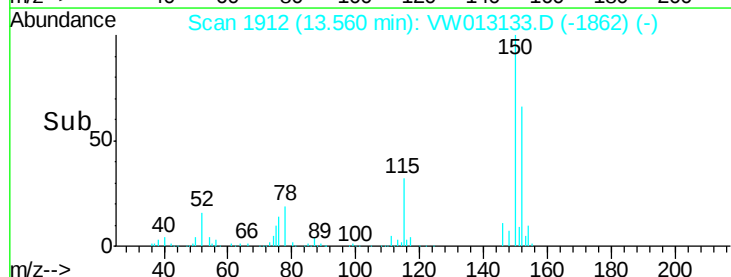
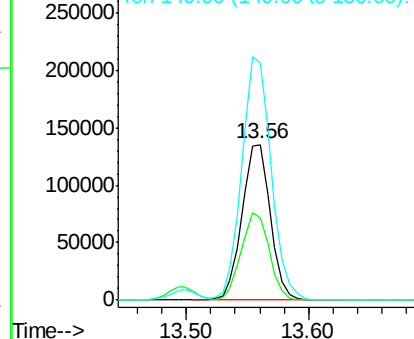
152 100

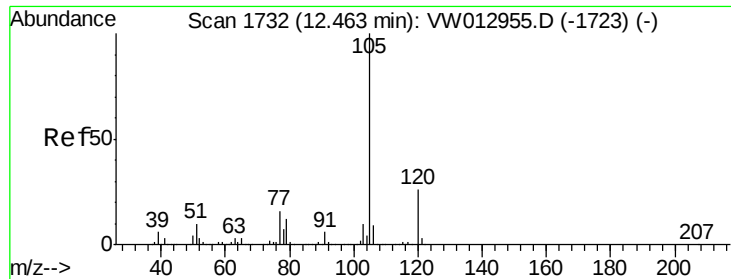
115 56.0 28.8 86.4

150 162.8 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: 19.038 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

Tot Ion:105 Resp: 273021

Ion Ratio Lower Upper

105 100

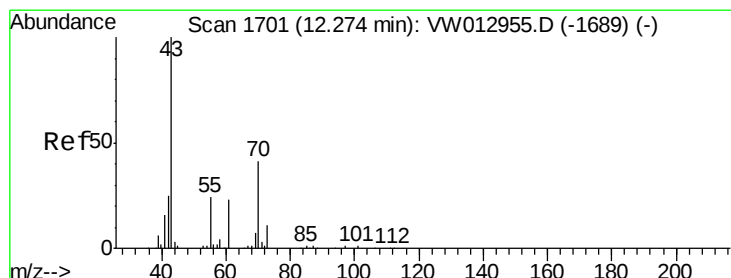
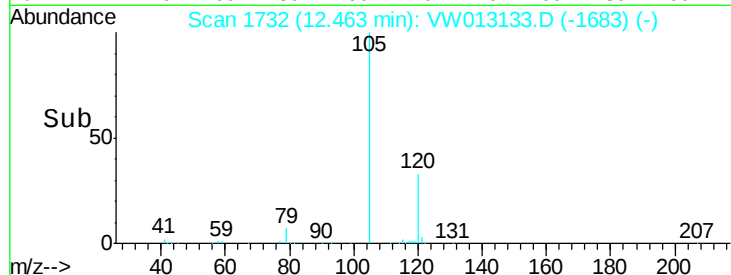
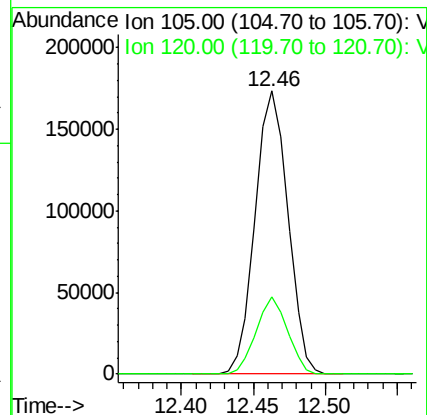
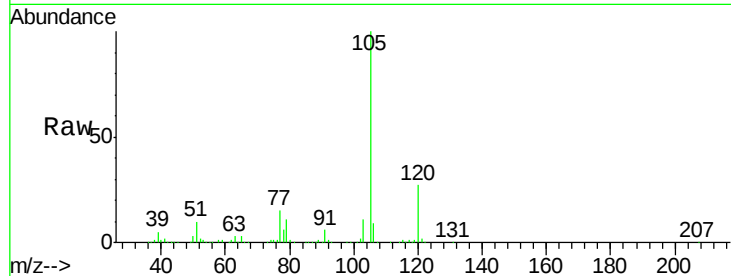
120 26.2 13.0 39.0

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#74

N-ethyl acetate

Concen: 17.360 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Tgt Ion: 43 Resp: 64044

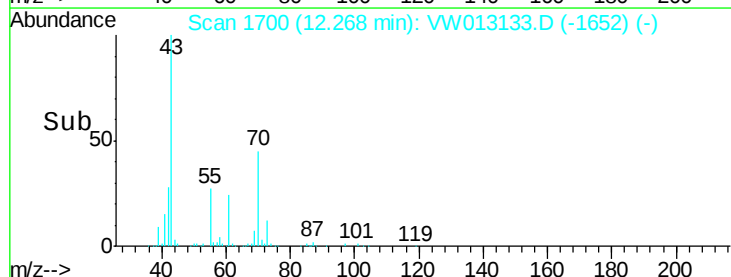
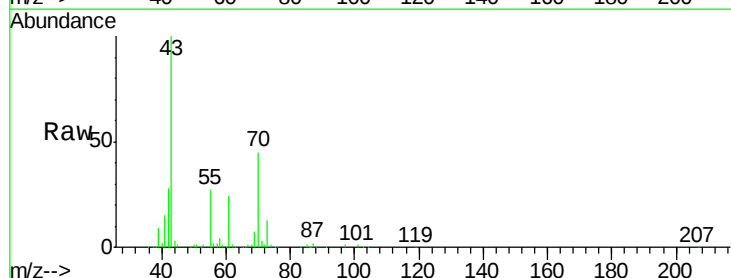
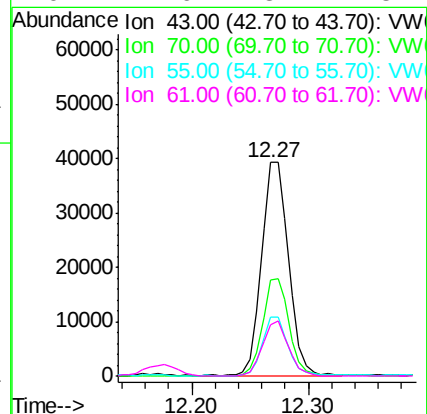
Ion Ratio Lower Upper

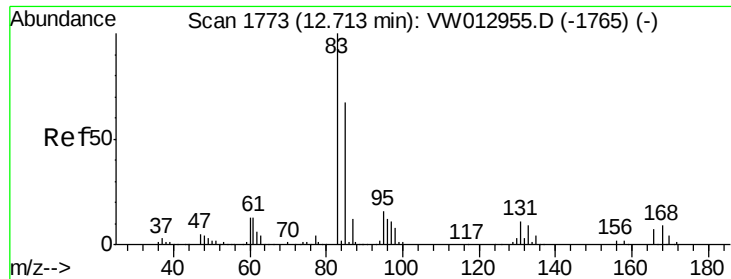
43 100

70 44.0 31.7 47.5

55 25.8 19.4 29.2

61 24.6 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.315 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

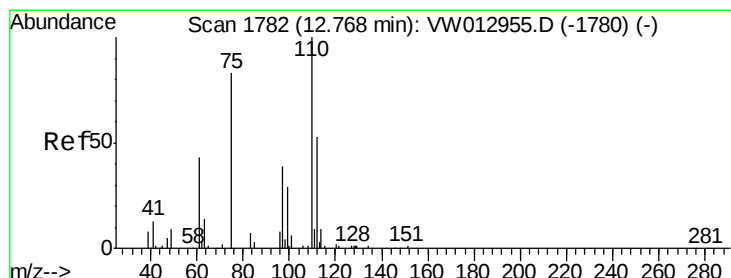
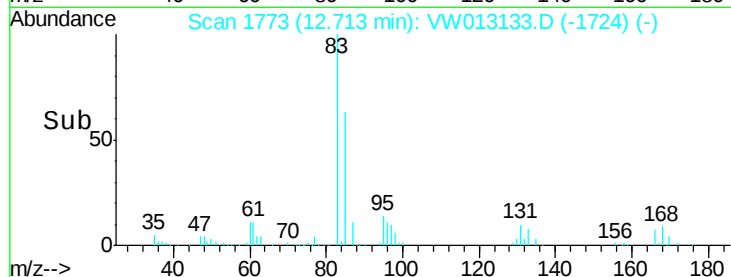
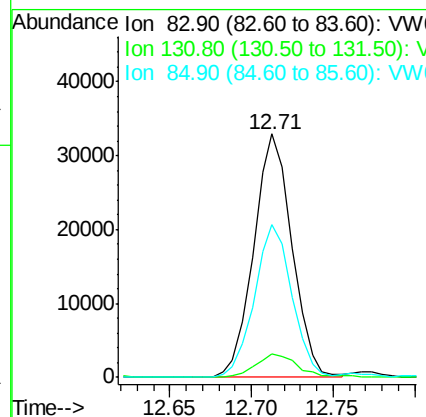
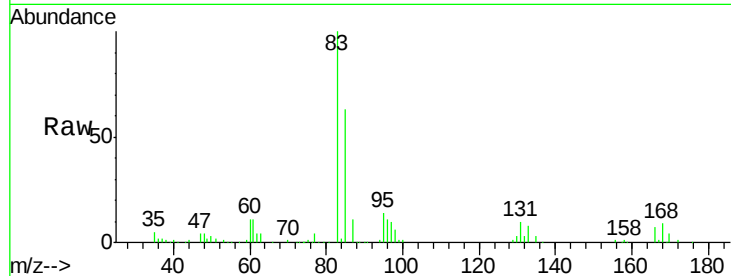
ClientSampleId :

VW0918SBS02

Tot Ion:	83	Resp:	53689
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.7	17.1
85	61.4	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.573 ug/l m

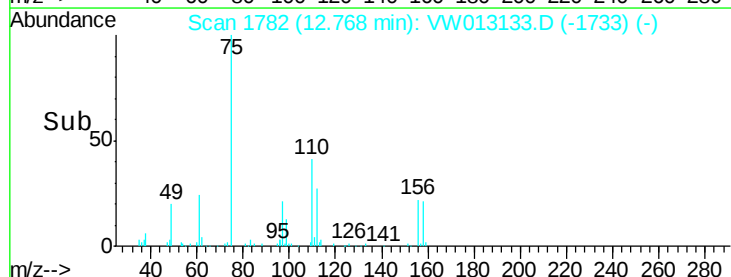
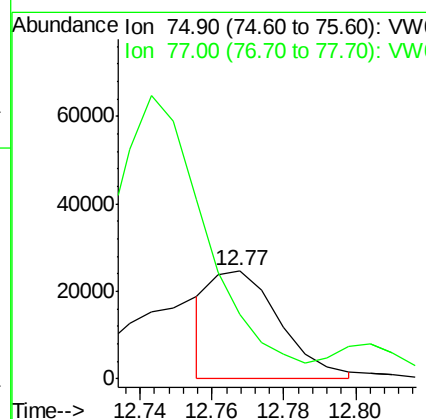
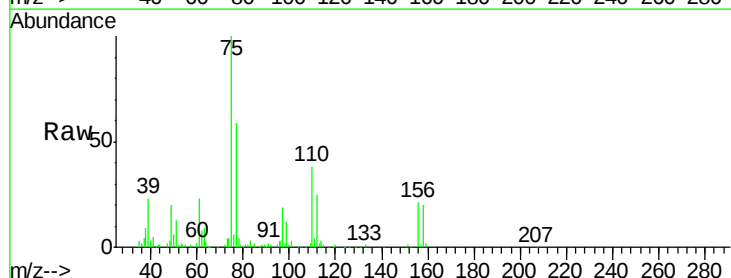
RT: 12.77 min Scan# 1782

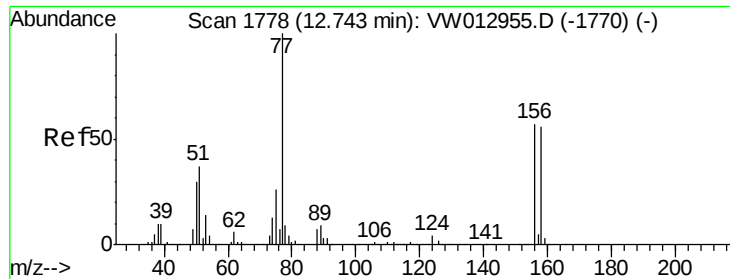
Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Tgt Ion:	75	Resp:	33304
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.330 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

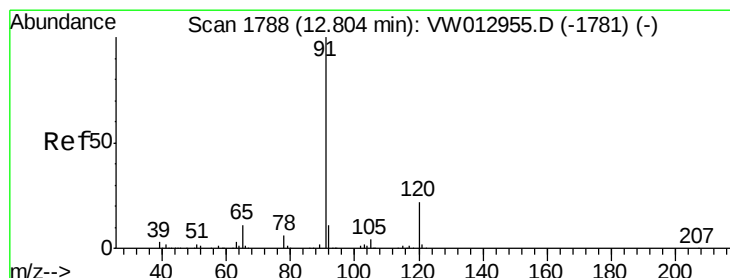
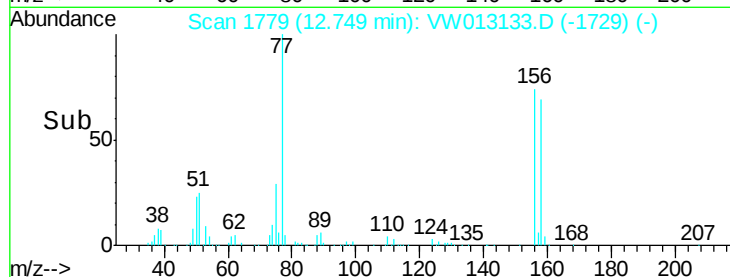
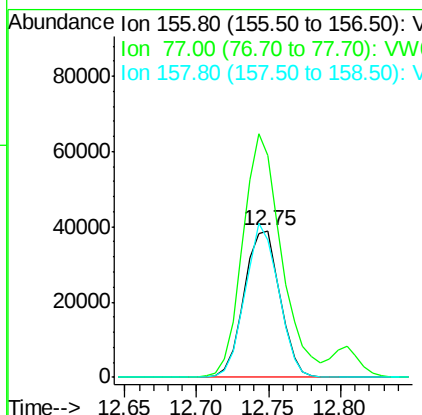
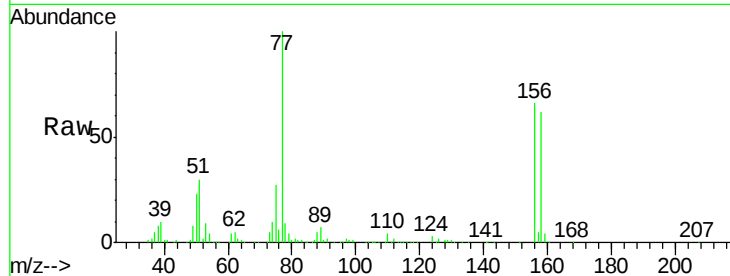
ClientSampleId :

VW0918SBSD02

Tot Ion:	156	Resp:	67165
Ion	Ratio	Lower	Upper
156	100		
77	178.7	95.2	285.6
158	97.6	49.0	147.2

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#78

n-propylbenzene

Concen: 18.607 ug/l

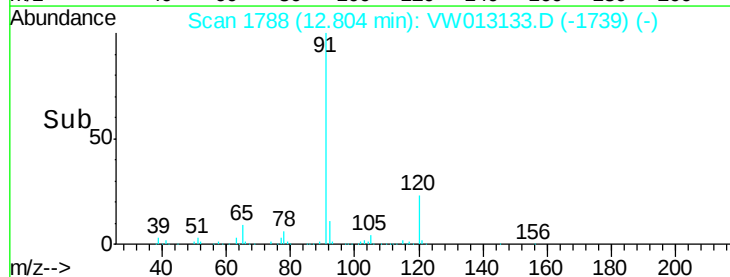
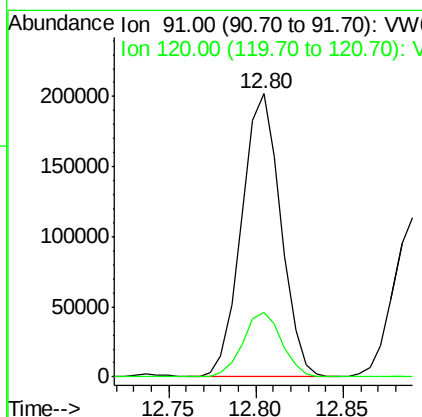
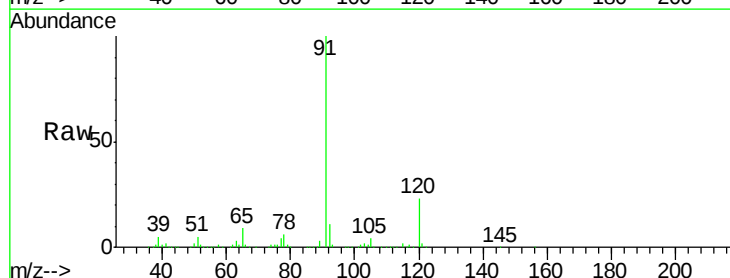
RT: 12.80 min Scan# 1788

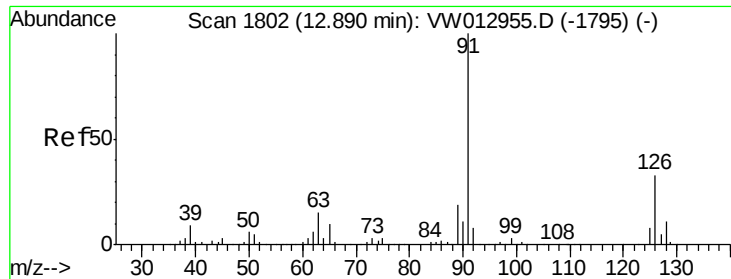
Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Tgt Ion:	91	Resp:	313881
Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.2	33.5





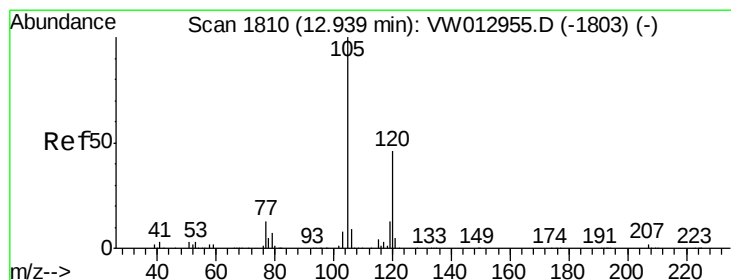
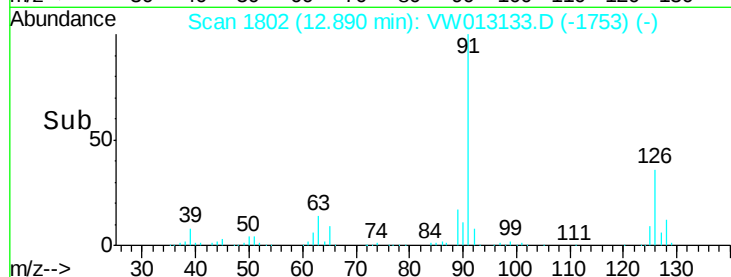
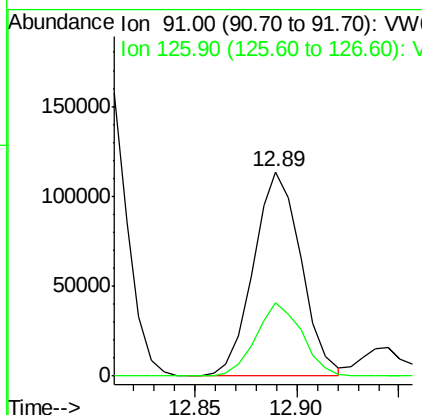
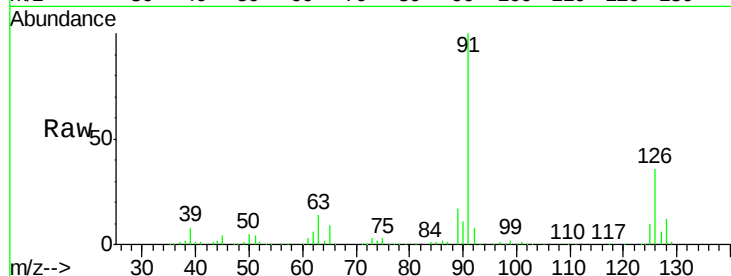
#79
 2-Chlorotoluene
 Concen: 18.959 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.9	16.5	49.5

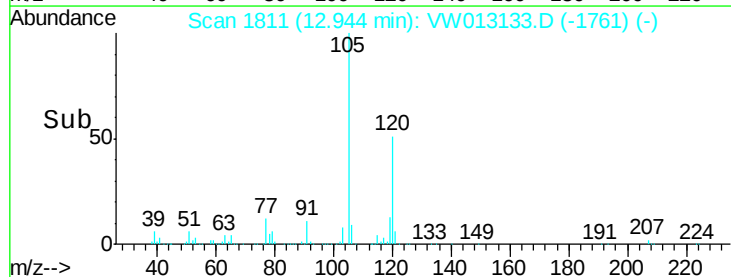
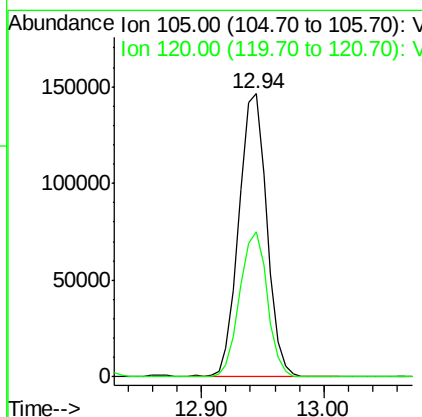
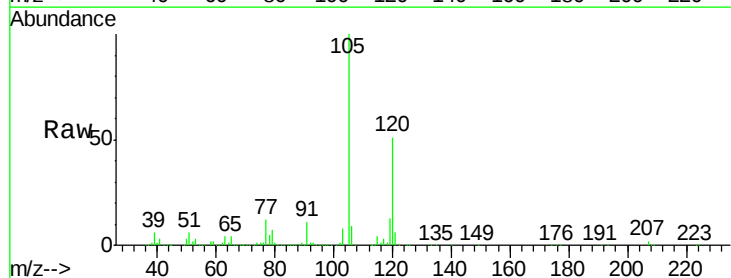
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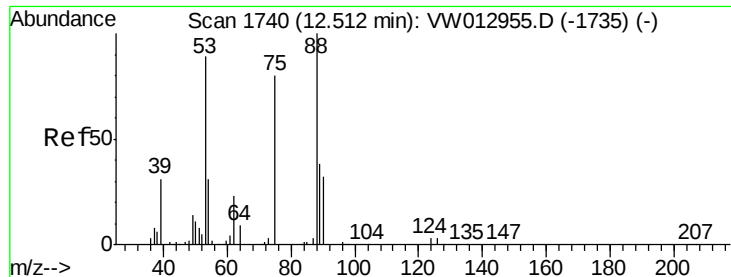
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.072 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.7	24.2	72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.989 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

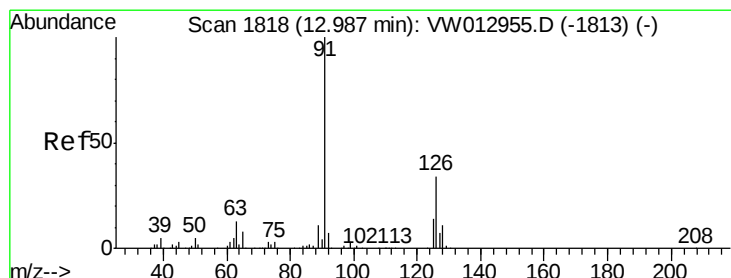
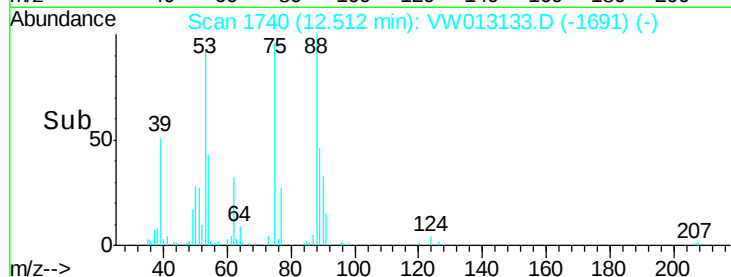
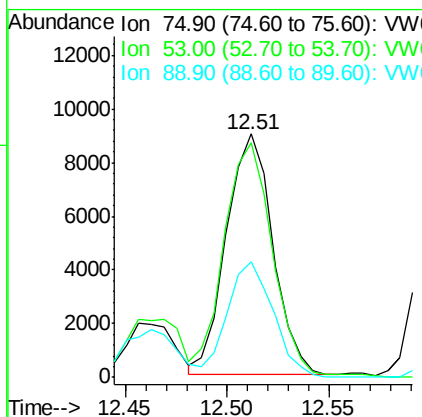
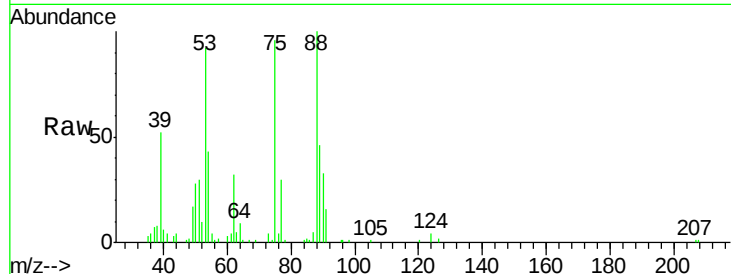
ClientSampleId :

VW0918SBS02

Tot Ion:	75	Resp:	14193
Ion	Ratio	Lower	Upper
75	100		
53	102.6	85.6	128.4
89	47.1	37.2	55.8

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#82

4-Chlorotoluene

Concen: 19.079 ug/l

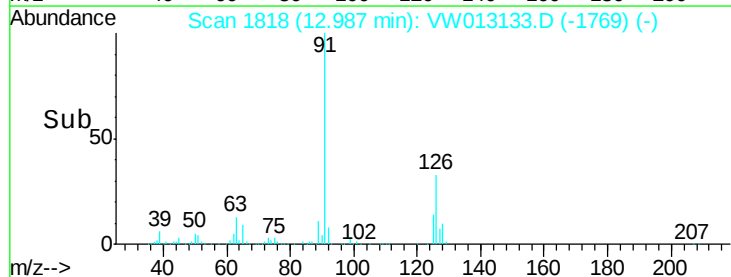
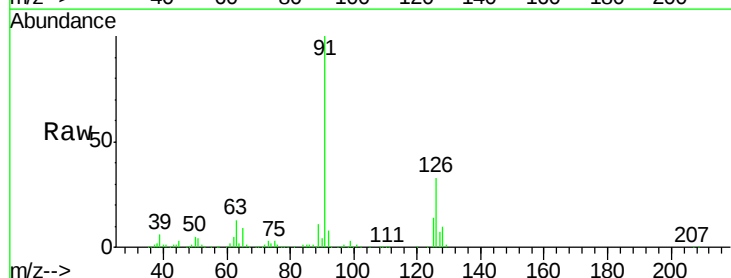
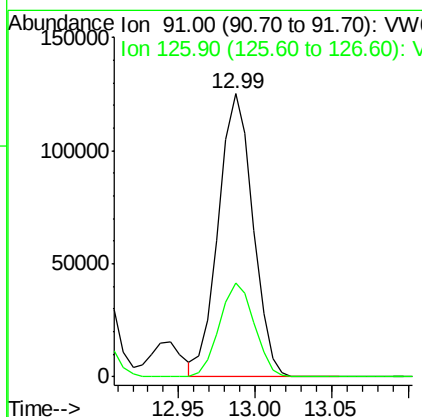
RT: 12.99 min Scan# 1818

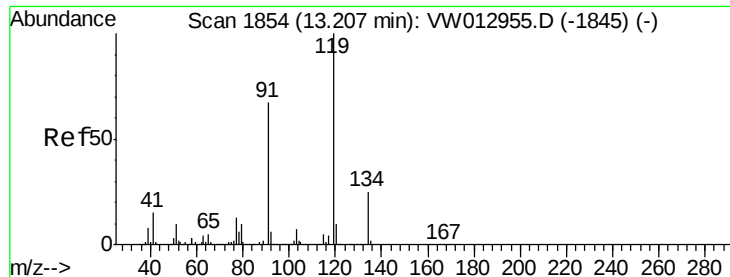
Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Tgt Ion:	91	Resp:	195215
Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.1	48.3





#83

tert-Butylbenzene

Concen: 19.090 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

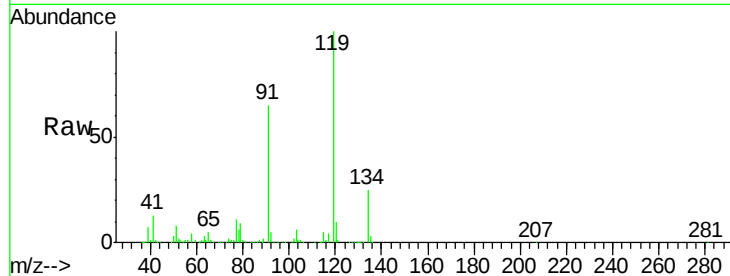
ClientSampleId :

VW0918SBS02

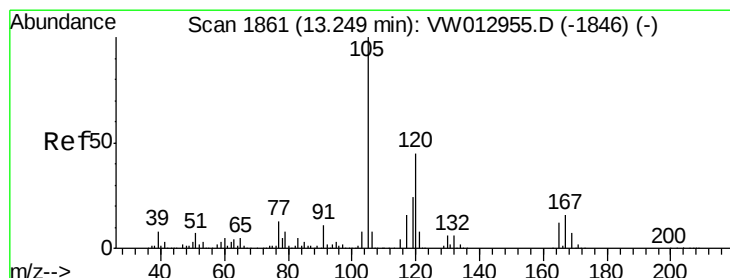
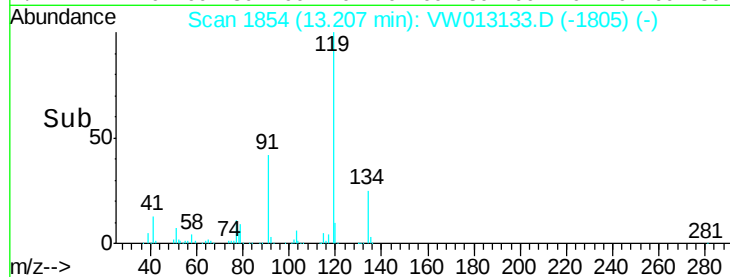
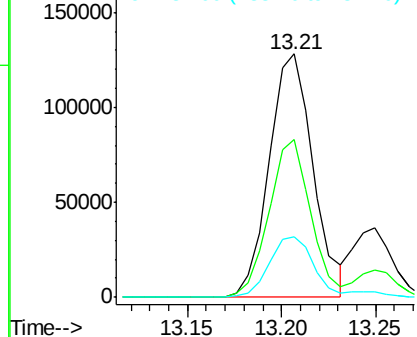
Tot Ion:	119	Resp:	207170
Ion Ratio	Lower	Upper	
119	100		
91	61.5	32.6	98.0
134	26.9	12.4	37.4

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.363 ug/l

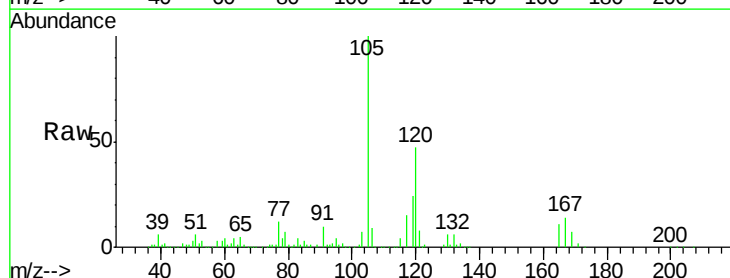
RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

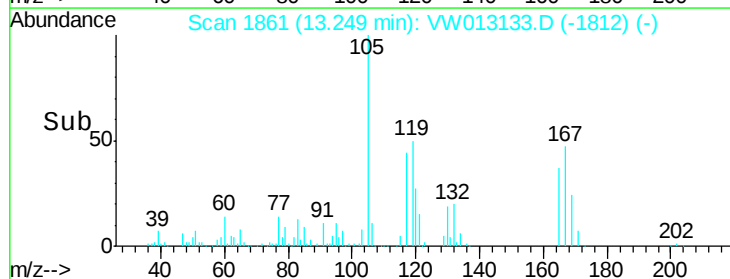
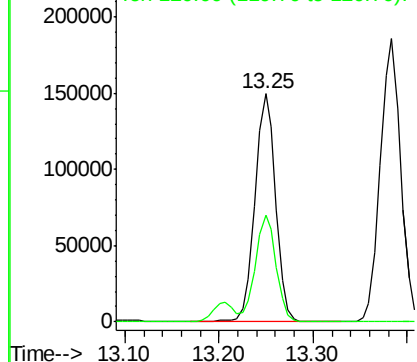
Lab File: VW013133.D

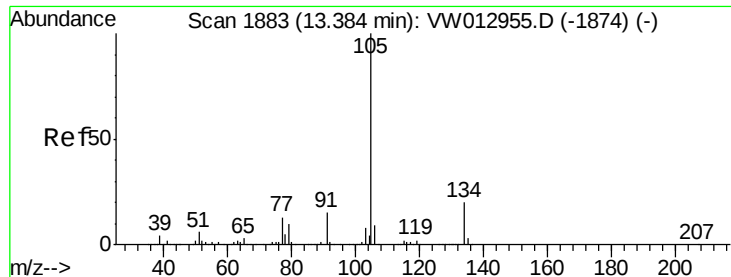
Acq: 19 Sep 2019 01:31

Tgt Ion:	105	Resp:	232137
Ion Ratio	Lower	Upper	
105	100		
120	46.9	21.9	65.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





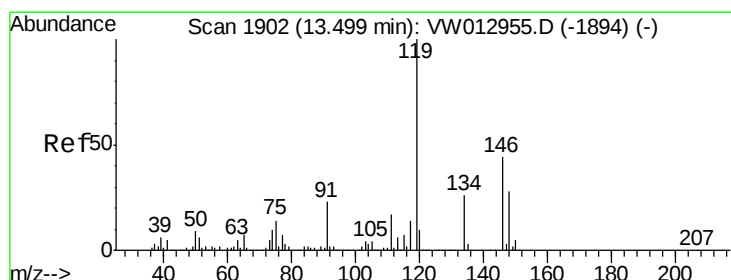
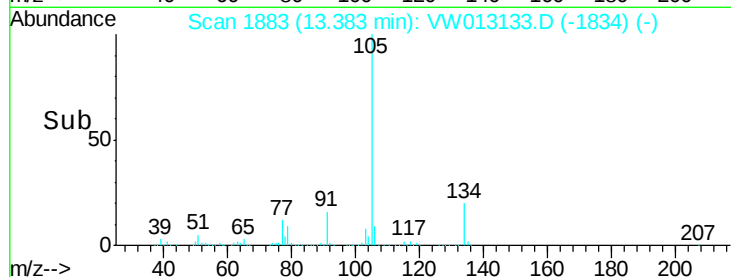
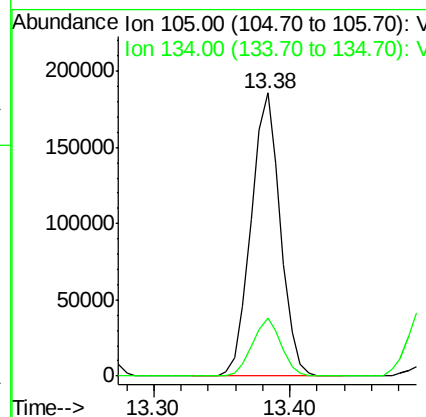
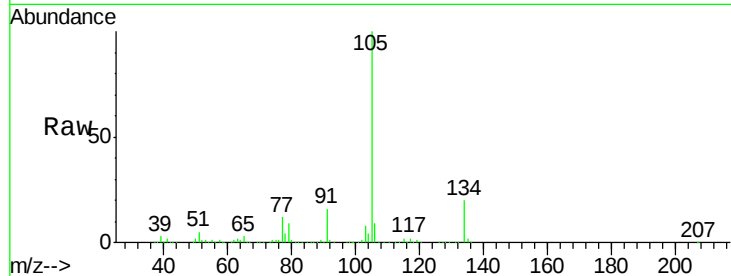
#85
 sec-Butylbenzene
 Concen: 18.876 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.2	30.4

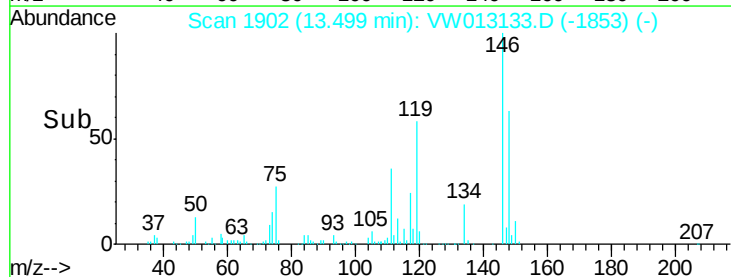
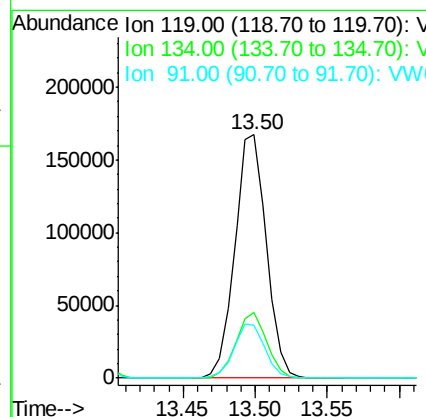
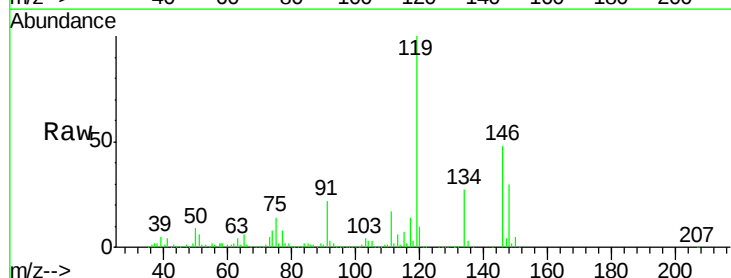
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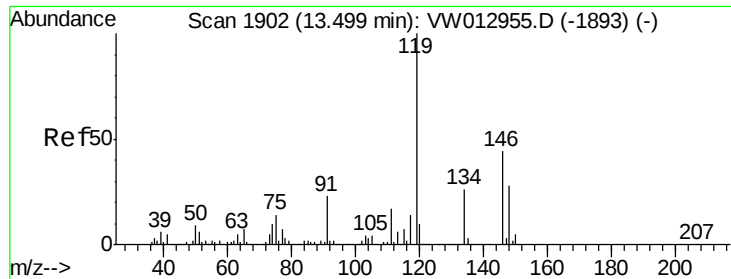
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#86
 p-Isopropyltoluene
 Concen: 18.741 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.8	38.3
91	22.0	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 19.952 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

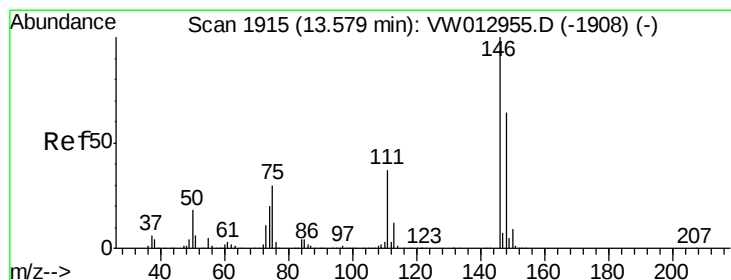
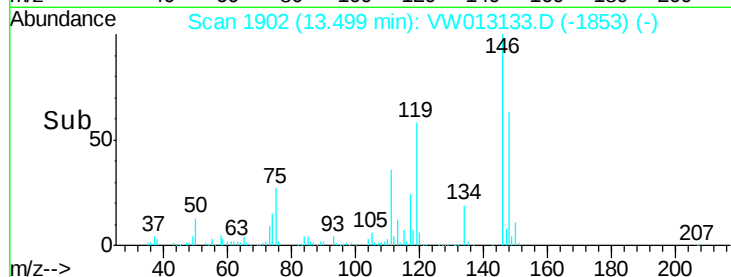
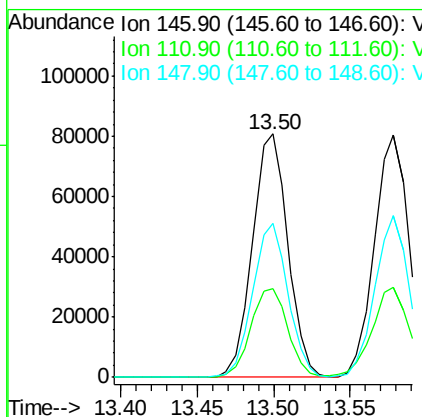
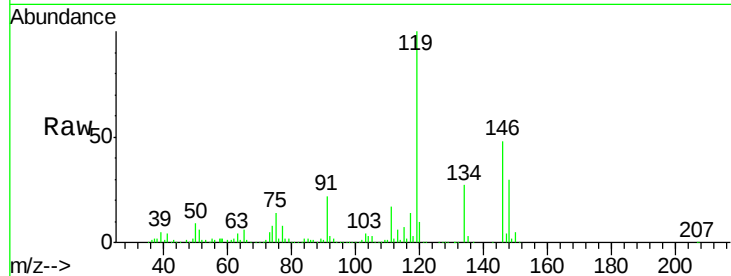
ClientSampleID :

VW0918SBS02

Tot Ion:	146	Resp:	130490
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.8	59.4
148	63.2	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 19.894 ug/l

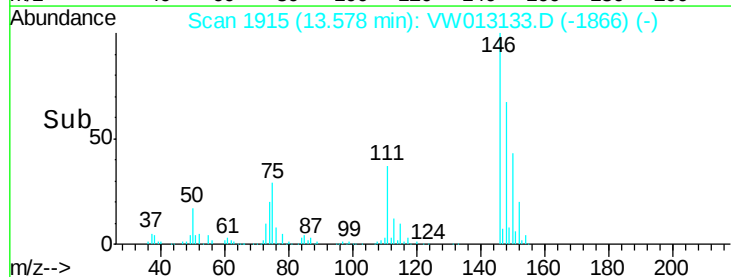
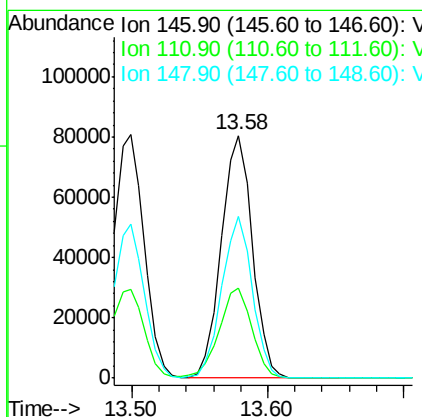
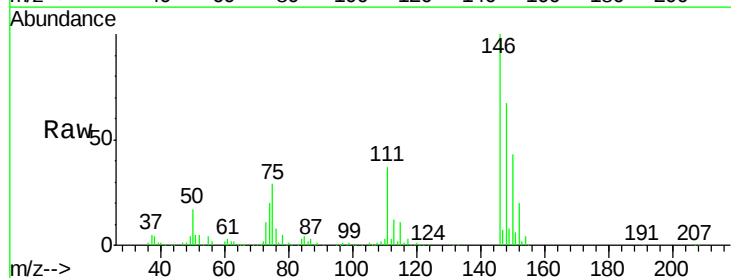
RT: 13.58 min Scan# 1915

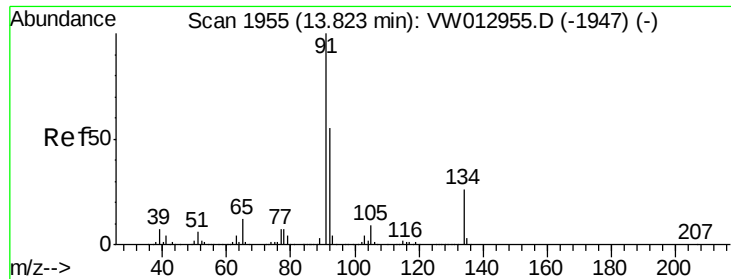
Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Tgt Ion:	146	Resp:	127859
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.4	58.2
148	65.4	31.9	95.5





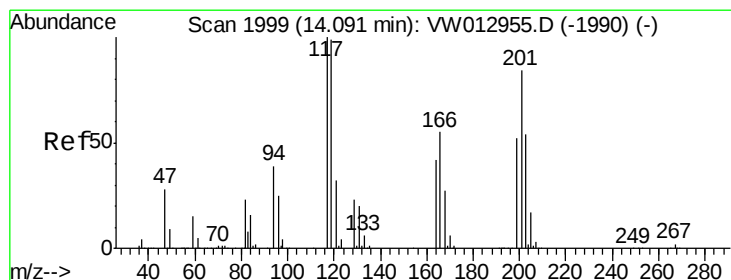
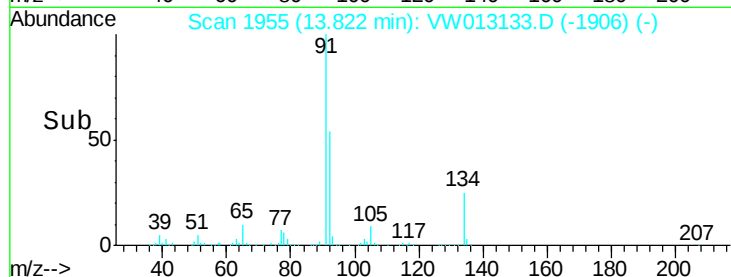
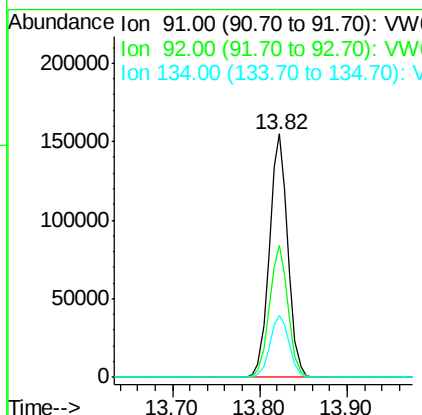
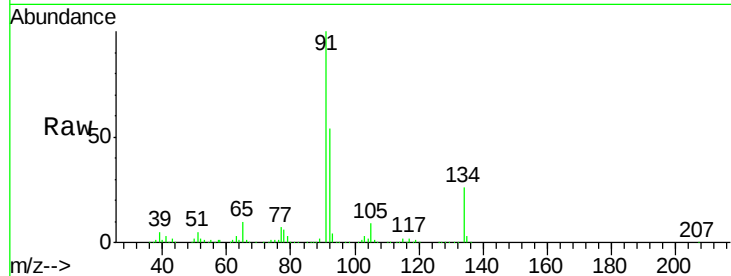
#89
n-Butylbenzene
Concen: 18.009 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	230545		
92	54.2		27.2	81.5
134	26.7		13.1	39.1

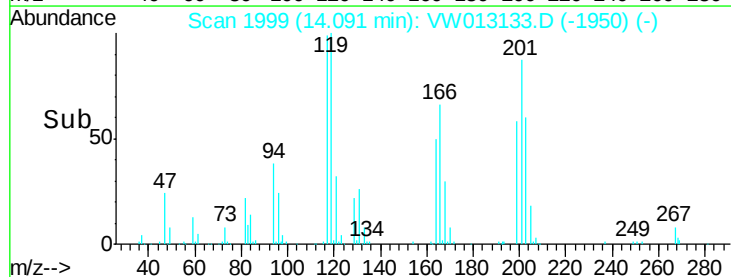
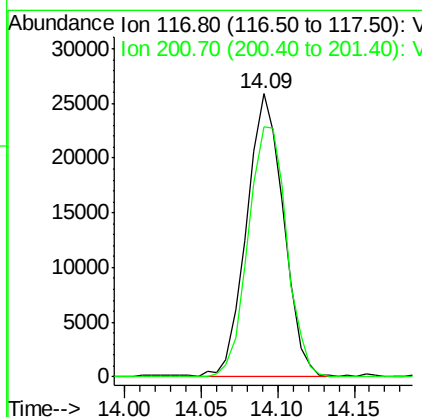
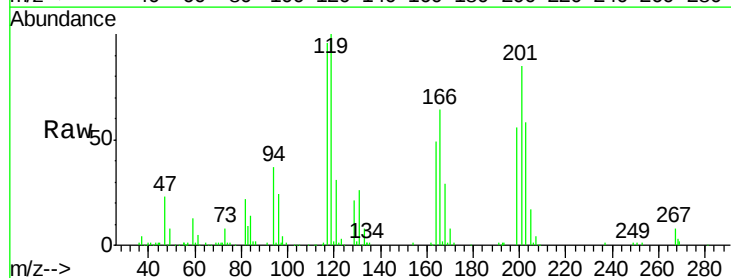
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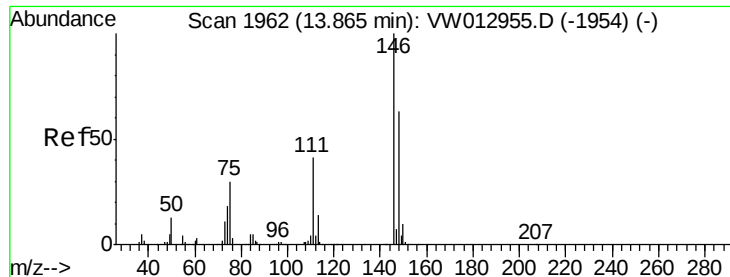
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#90
Hexachloroethane
Concen: 17.893 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013133.D
Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43528		
201	91.8		45.3	135.9





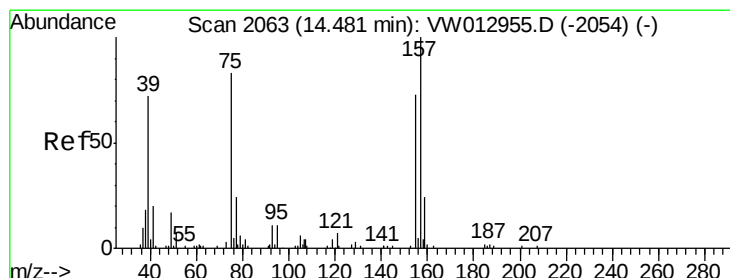
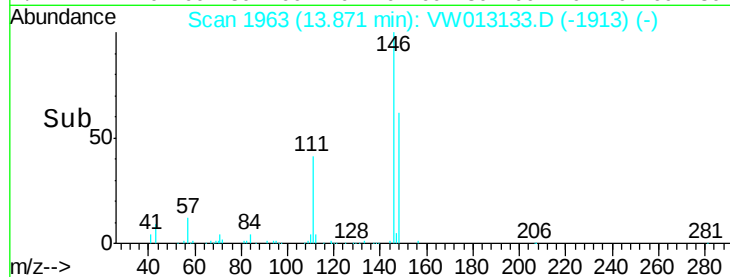
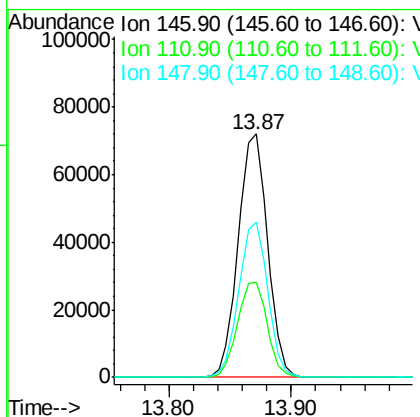
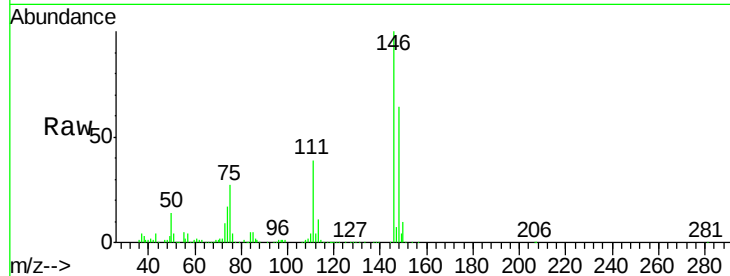
#91
 1,2-Dichlorobenzene
 Concen: 20.855 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.8	62.5
148	62.7	32.7	98.1

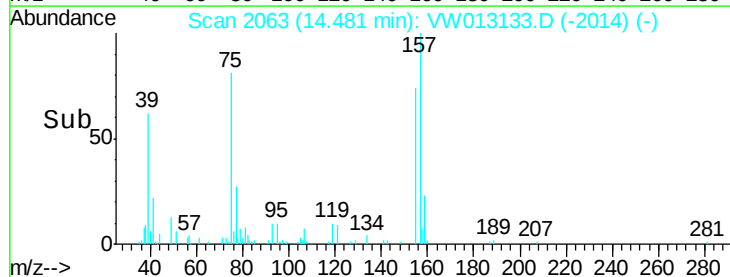
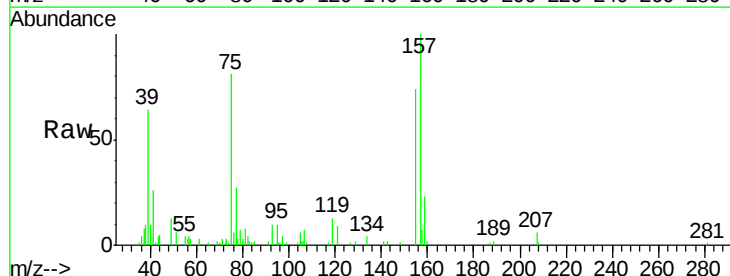
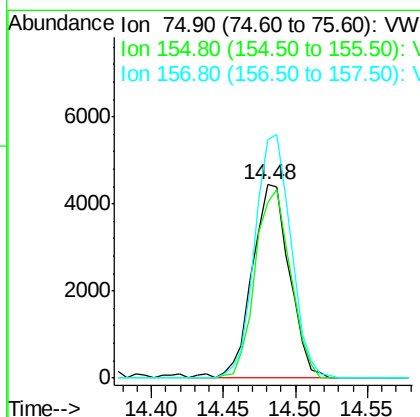
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.183 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.8	43.3	129.9
157	121.6	54.7	164.1





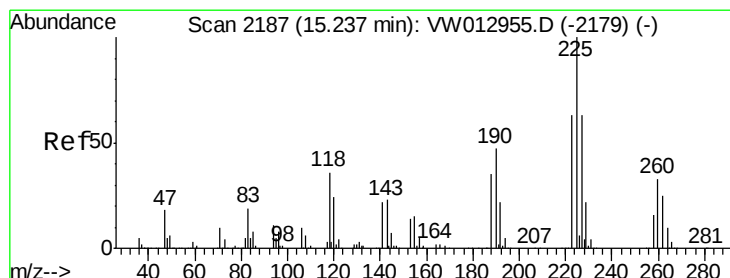
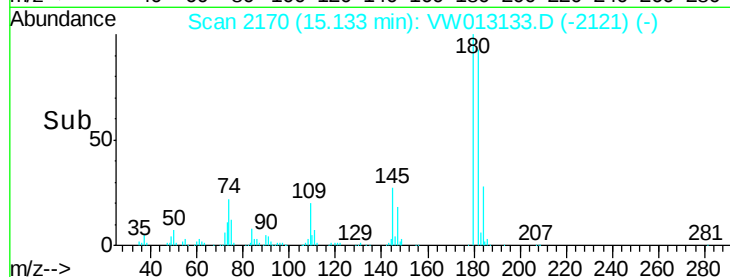
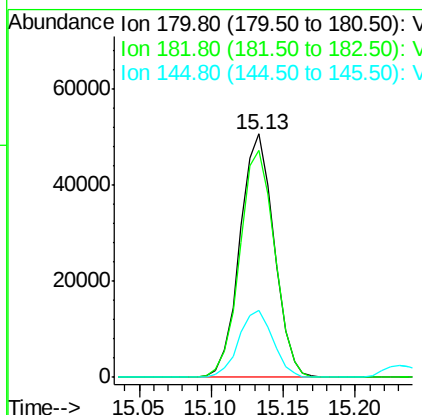
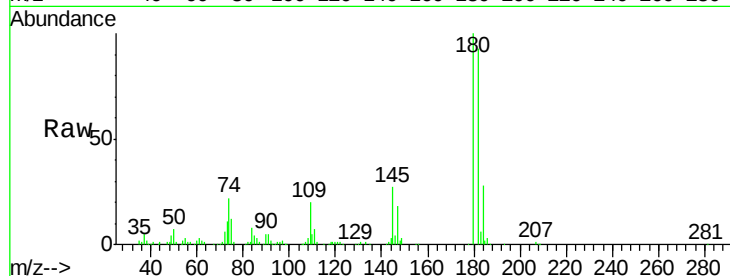
#93
 1,2,4-Trichlorobenzene
 Concen: 20.273 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.4	142.2	
145	27.9	14.9	44.7	

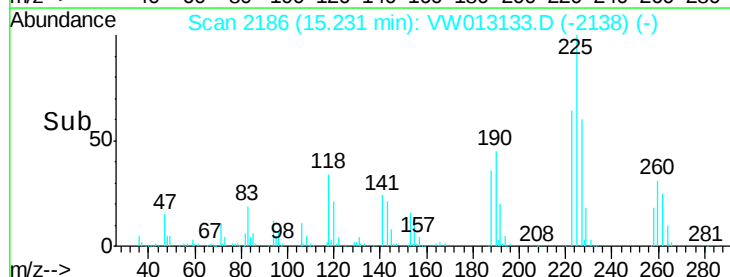
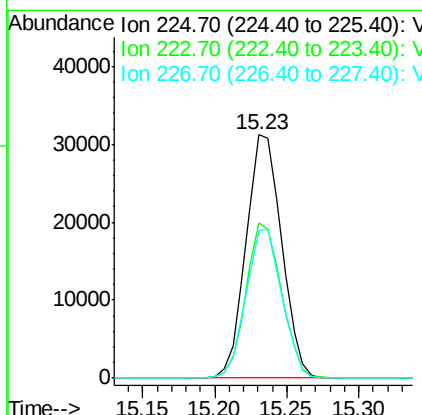
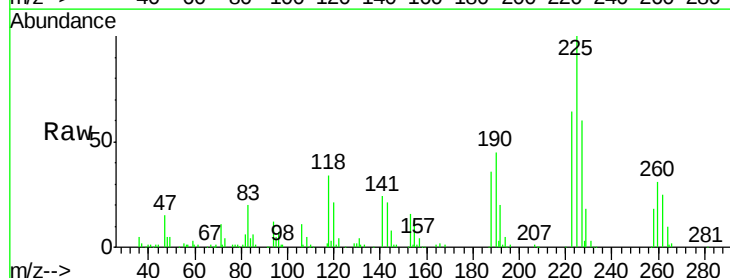
Manual Integrations
 APPROVED

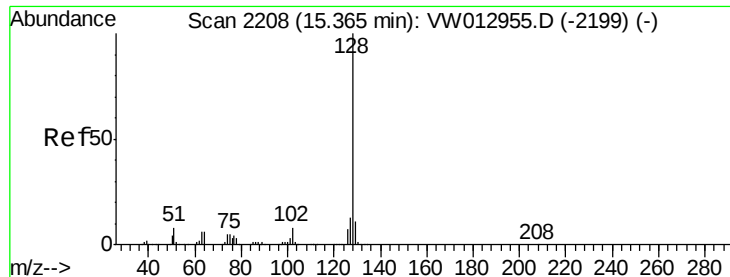
MMDadoda
 9/19/2019 11:21:53 AM



#94
 Hexachlorobutadiene
 Concen: 18.380 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW013133.D
 Acq: 19 Sep 2019 01:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	31.8	95.3	
227	61.6	31.3	93.8	





#95

Naphthalene

Concen: 21.381 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Instrument :

MSVOA_W

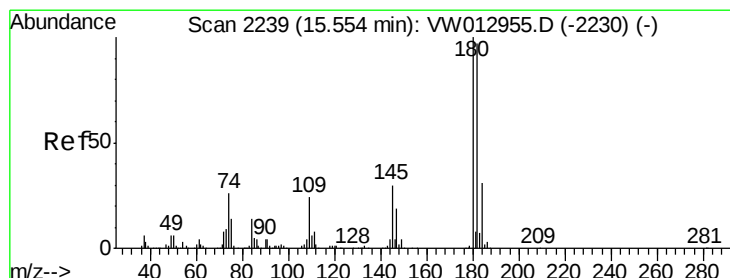
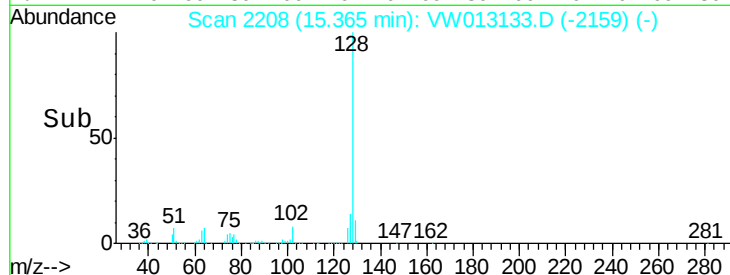
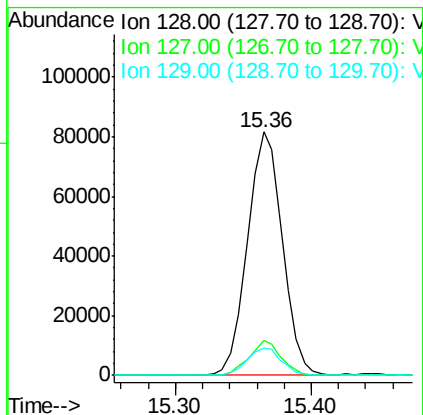
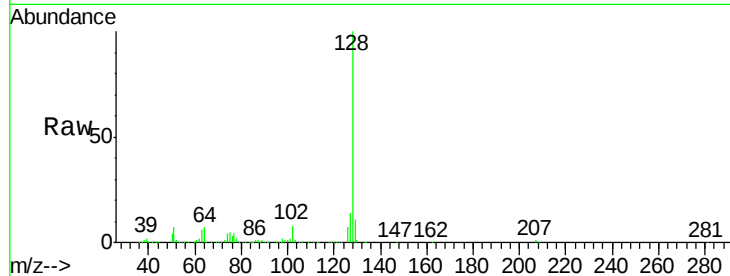
ClientSampleId :

VW0918SBS02

Tot Ion:	128	Resp:	146534
Ion Ratio	Lower	Upper	
128	100		
127	13.2	11.0	16.6
129	11.3	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/19/2019 11:21:53 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.460 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW013133.D

Acq: 19 Sep 2019 01:31

Tgt Ion:	180	Resp:	74186
Ion Ratio	Lower	Upper	
180	100		
182	97.0	47.6	142.8
145	30.6	15.4	46.2

