

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091919\
 Data File : VW013175.D
 Acq On : 19 Sep 2019 21:18
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 10:46:33 AM

Quant Time: Sep 20 09:07:33 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	290702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	437443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	200895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	131544	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	7.88	113	127389	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
50) Toluene-d8	10.32	98	508033	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
62) 4-Bromofluorobenzene	12.62	95	181431	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	44813	39.318	ug/l	99
3) Chloromethane	2.21	50	60749	42.720	ug/l	97
4) Vinyl Chloride	2.36	62	83574	40.165	ug/l	97
5) Bromomethane	2.77	94	57678	45.391	ug/l	96
6) Chloroethane	2.91	64	57444	45.013	ug/l	97
7) Trichlorofluoromethane	3.26	101	59484	40.881	ug/l	100
8) Diethyl Ether	3.68	74	65655	57.787	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	108608	49.214	ug/l	97
10) Methyl Iodide	4.27	142	153563	55.601	ug/l	95
11) Tert butyl alcohol	5.19	59	48354	268.373	ug/l	97
12) 1,1-Dichloroethene	4.04	96	100076	49.874	ug/l	92
13) Acrolein	3.89	56	30499	151.327	ug/l	99
14) Allyl chloride	4.66	41	185064	48.581	ug/l	91
15) Acrylonitrile	5.37	53	163286	281.389	ug/l	99
16) Acetone	4.13	43	132432	225.396	ug/l	91
17) Carbon Disulfide	4.38	76	167393	41.861	ug/l	100
18) Methyl Acetate	4.67	43	82068	53.653	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	228933	57.798	ug/l	95
20) Methylene Chloride	4.91	84	156304	74.614	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	112016	52.122	ug/l	95
22) Diisopropyl ether	6.31	45	444012	56.107	ug/l	96
23) Vinyl Acetate	6.25	43	1259427	265.711	ug/l #	95
24) 1,1-Dichloroethane	6.21	63	234134	51.314	ug/l	99
25) 2-Butanone	7.17	43	209311	245.176	ug/l	91
26) 2,2-Dichloropropane	7.17	77	134354	46.056	ug/l	94
27) cis-1,2-Dichloroethene	7.17	96	148383	57.670	ug/l	89
28) Bromochloromethane	7.51	49	110681	57.632	ug/l	92
29) Tetrahydrofuran	7.53	42	132665	272.731	ug/l	94
30) Chloroform	7.67	83	245454	52.943	ug/l	99
31) Cyclohexane	7.95	56	165372	48.122	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	180257	47.213	ug/l	98
36) 1,1-Dichloropropene	8.08	75	162550	46.502	ug/l	97
37) Ethyl Acetate	7.25	43	95606	51.529	ug/l	96
38) Carbon Tetrachloride	8.07	117	158196	44.162	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	180867	47.219	ug/l	95
40) Benzene	8.32	78	512973	52.567	ug/l	99
41) Methacrylonitrile	7.48	41	65203	53.364	ug/l	92
42) 1,2-Dichloroethane	8.40	62	156475	47.834	ug/l	94
43) Isopropyl Acetate	8.42	43	181287	50.889	ug/l	96
44) Trichloroethene	9.09	130	139416	52.159	ug/l	88
45) 1,2-Dichloropropane	9.37	63	145251	56.024	ug/l	99
46) Dibromomethane	9.46	93	69254	55.754	ug/l	98
47) Bromodichloromethane	9.64	83	182362	52.340	ug/l	100
48) Methyl methacrylate	9.43	41	83890	50.176	ug/l	91
49) 1,4-Dioxane	9.46	88	22368	1074.681	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	481115	261.590	ug/l	95
52) Toluene	10.38	92	340215	54.866	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	182593	52.108	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	215516	53.753	ug/l	91
55) 1,1,2-Trichloroethane	10.79	97	112228	59.309	ug/l	94
56) Ethyl methacrylate	10.65	69	149686	58.769	ug/l	90
57) 1,3-Dichloropropane	10.93	76	190834	56.851	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	392251	287.088	ug/l	97
59) 2-Hexanone	10.97	43	322463	251.796	ug/l	93
60) Dibromochloromethane	11.13	129	126935	55.485	ug/l	97
61) 1,2-Dibromoethane	11.23	107	99271	57.509	ug/l	98
64) Tetrachloroethene	10.86	164	124127	53.054	ug/l	94
65) Chlorobenzene	11.66	112	381375	54.441	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	142772	53.183	ug/l	98
67) Ethyl Benzene	11.73	91	667454	51.589	ug/l	99
68) m/p-Xylenes	11.83	106	506127	107.086	ug/l	94
69) o-Xylene	12.16	106	246379	55.603	ug/l	95
70) Styrene	12.18	104	442279	56.110	ug/l	96
71) Bromoform	12.35	173	78401	55.599	ug/l #	98
73) Isopropylbenzene	12.46	105	677778	50.900	ug/l	99
74) N-amyl acetate	12.27	43	171762	50.144	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	133050	56.889	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	101101m	57.454	ug/l	
77) Bromobenzene	12.74	156	168555	54.946	ug/l	95
78) n-propylbenzene	12.80	91	787706	50.289	ug/l	98
79) 2-Chlorotoluene	12.89	91	456767	50.728	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	571408	50.723	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	40189	51.809	ug/l	92
82) 4-Chlorotoluene	12.99	91	480838	50.612	ug/l	96
83) tert-Butylbenzene	13.21	119	518784	51.485	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	575400	51.689	ug/l	96
85) sec-Butylbenzene	13.38	105	704198	51.295	ug/l	99
86) p-Isopropyltoluene	13.50	119	648678	51.465	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	324717	53.472	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	320598	53.723	ug/l	98
89) n-Butylbenzene	13.82	91	584774	49.195	ug/l	99
90) Hexachloroethane	14.09	117	115025	50.924	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	297044	55.623	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19778	46.200	ug/l	86

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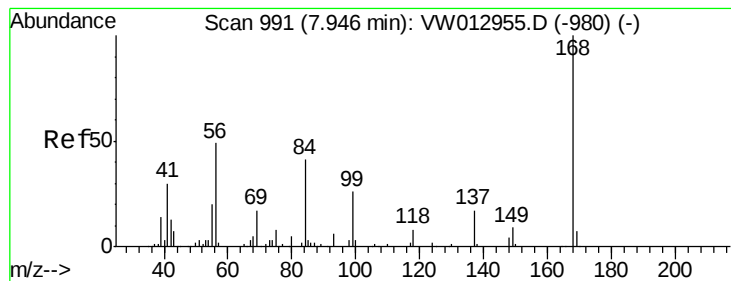
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	209921	55.118	ug/l	97
94) Hexachlorobutadiene	15.24	225	134107	49.740	ug/l	99
95) Naphthalene	15.36	128	380708	59.826	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	189031	56.148	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: VW013175.D

Acq: 19 Sep 2019 21:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 290702

Ion Ratio Lower Upper

168 100

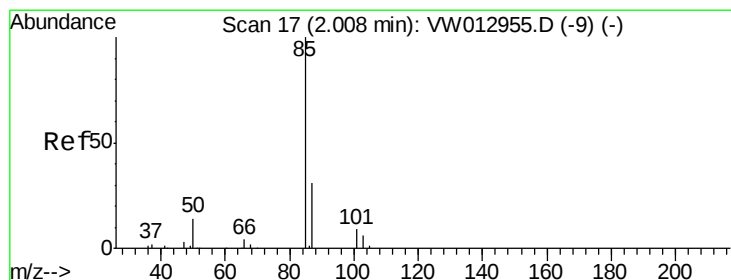
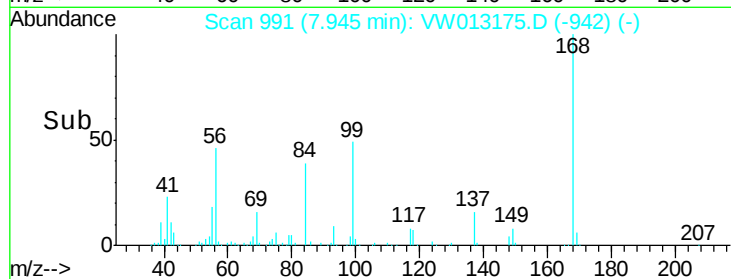
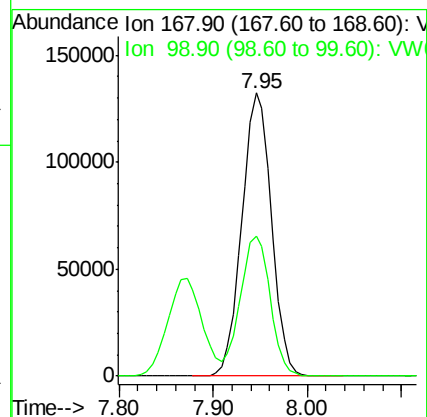
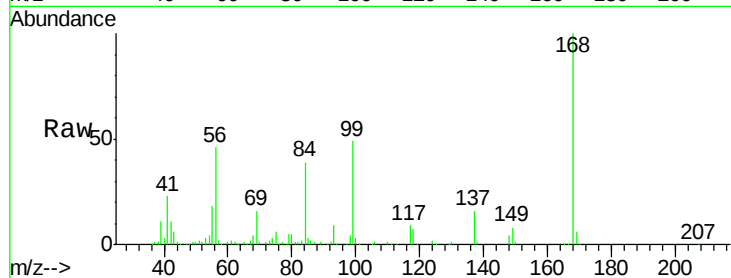
99 49.4 46.2 69.2

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#2

Dichlorodifluoromethane

Concen: 39.318 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013175.D

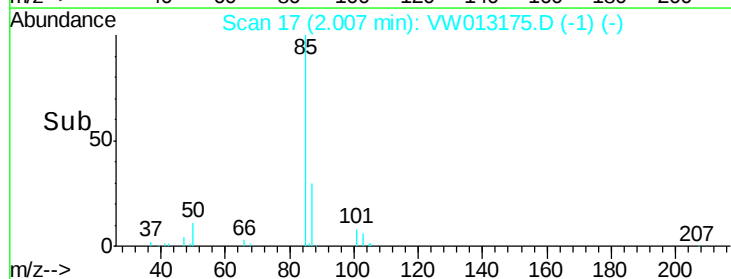
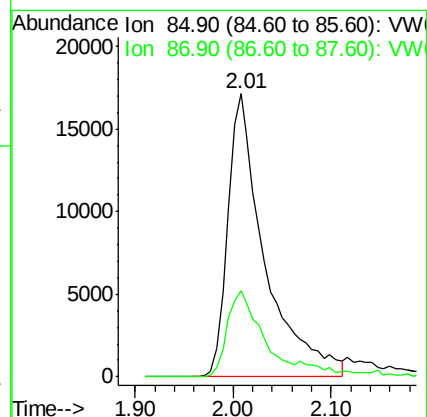
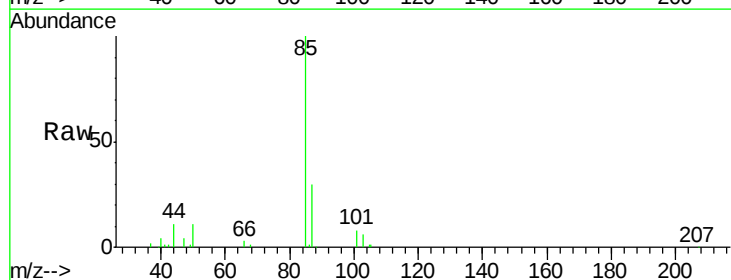
Acq: 19 Sep 2019 21:18

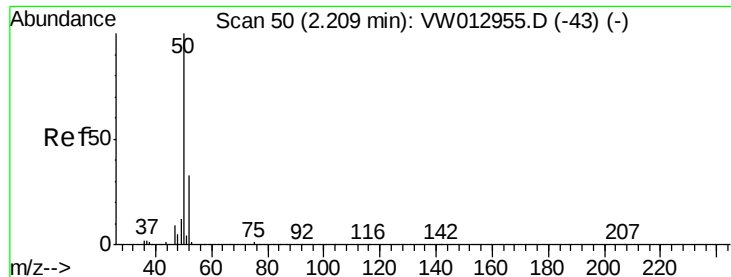
Tgt Ion: 85 Resp: 44813

Ion Ratio Lower Upper

85 100

87 30.4 15.4 46.4





#3

Chloromethane

Concen: 42.720 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 60749

Ion Ratio Lower Upper

50 100

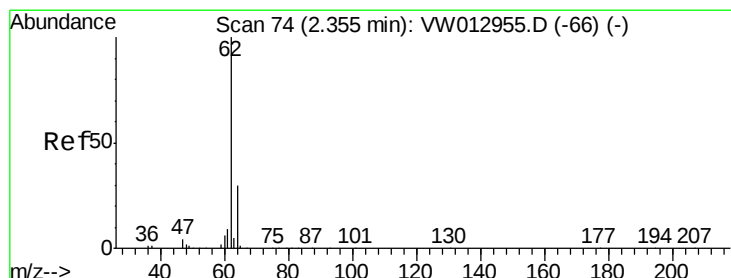
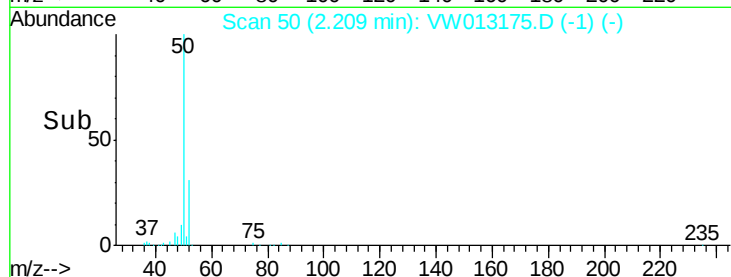
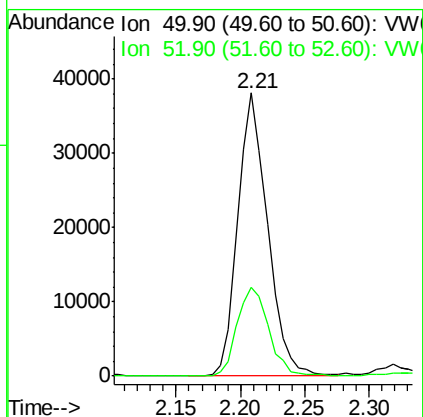
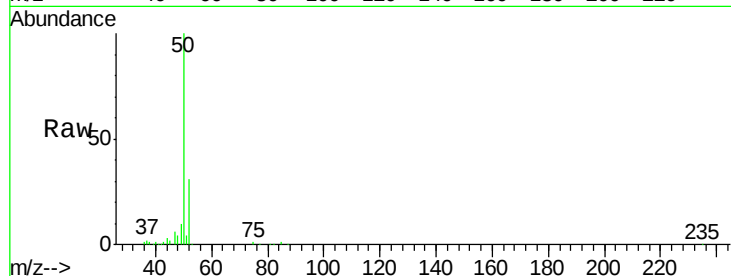
52 31.5 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 40.165 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW013175.D

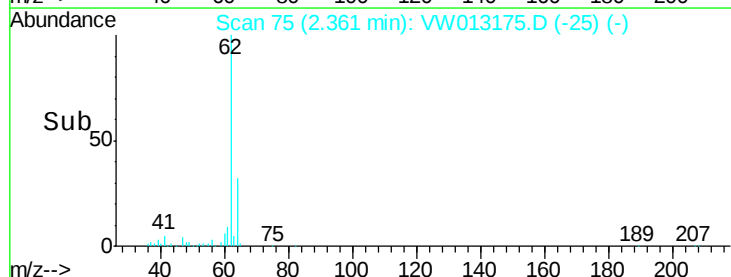
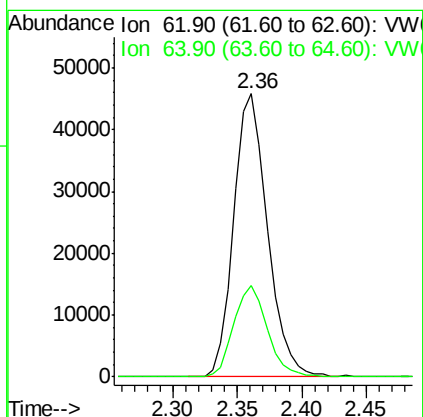
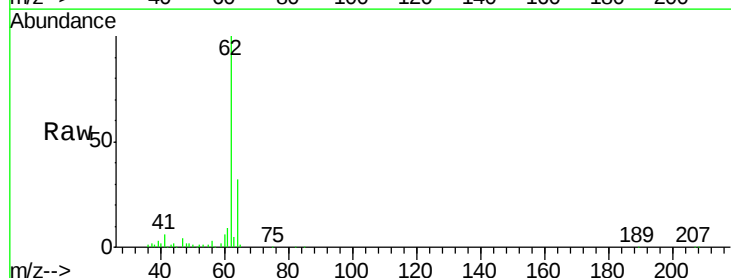
Acq: 19 Sep 2019 21:18

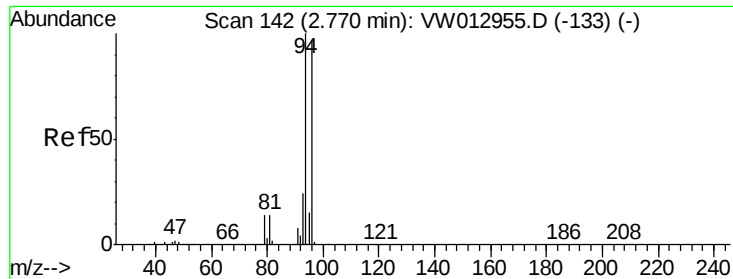
Tgt Ion: 62 Resp: 83574

Ion Ratio Lower Upper

62 100

64 32.1 24.2 36.4





#5

Bromomethane

Concen: 45.391 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Instrument :

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VSTDCCC050EC

Tot Ion: 94 Resp: 57678

Ion Ratio Lower Upper

94 100

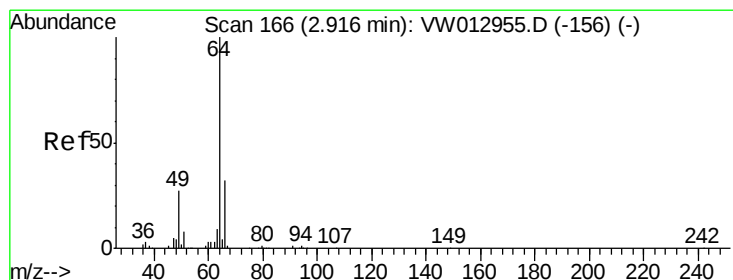
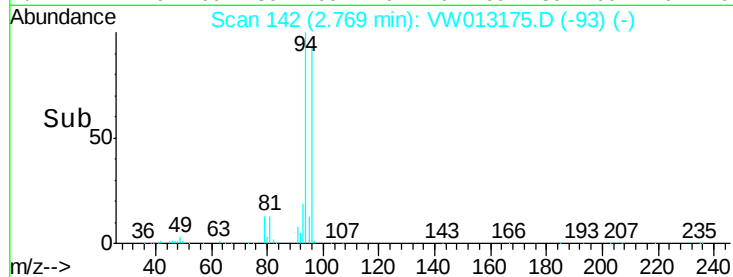
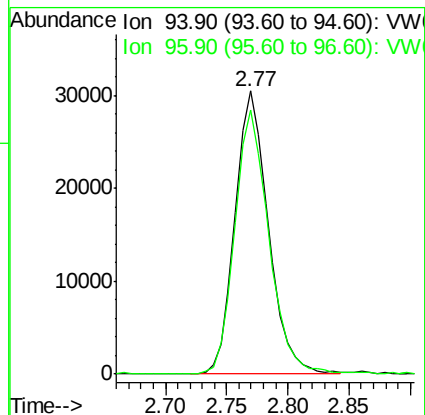
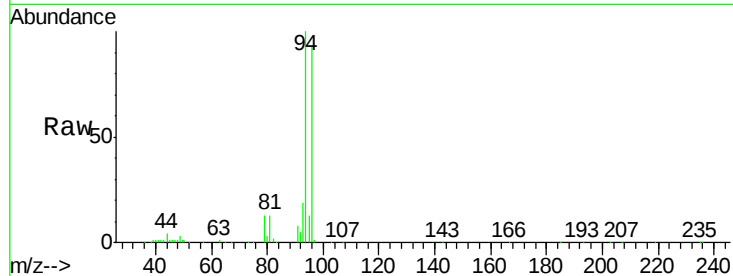
96 93.3 77.8 116.6

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#6

Chloroethane

Concen: 45.013 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW013175.D

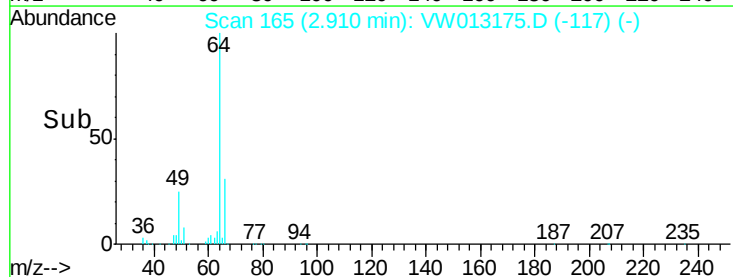
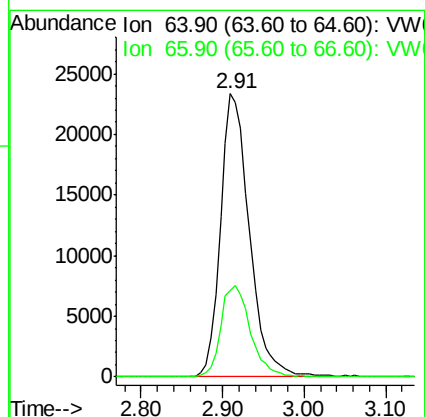
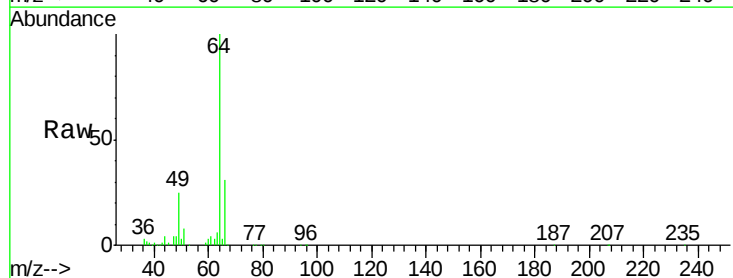
Acq: 19 Sep 2019 21:18

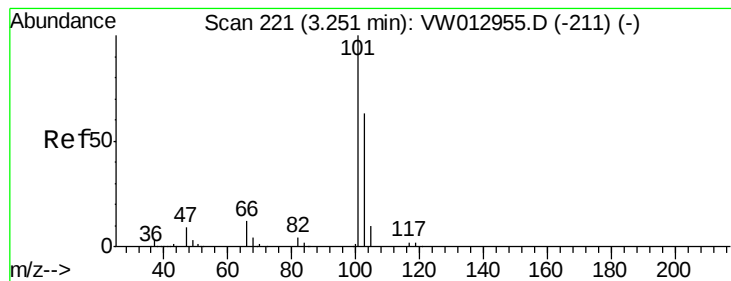
Tgt Ion: 64 Resp: 57444

Ion Ratio Lower Upper

64 100

66 30.7 25.9 38.9





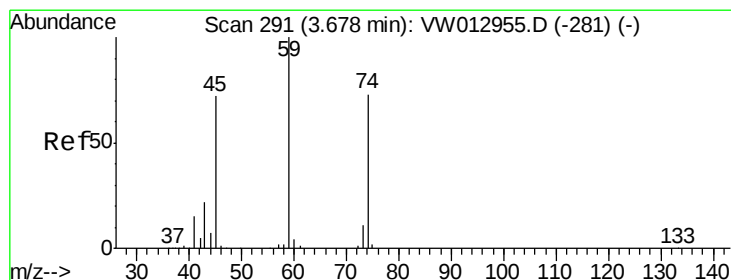
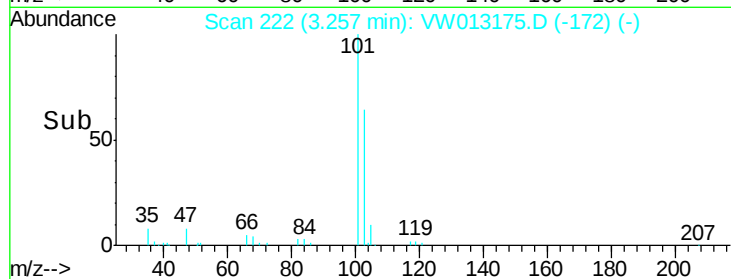
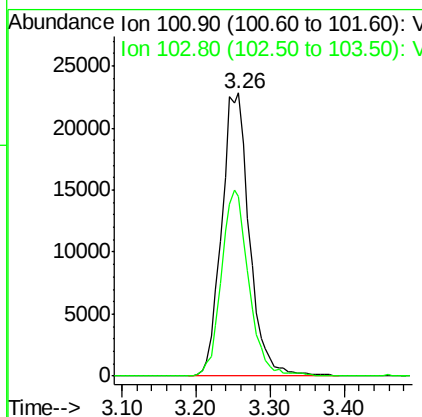
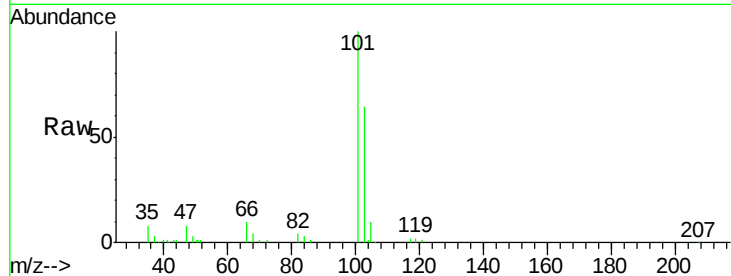
#7
 Trichlorofluoromethane
 Concen: 40.881 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.7	76.1

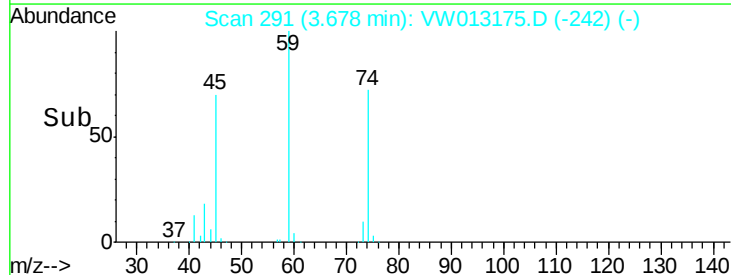
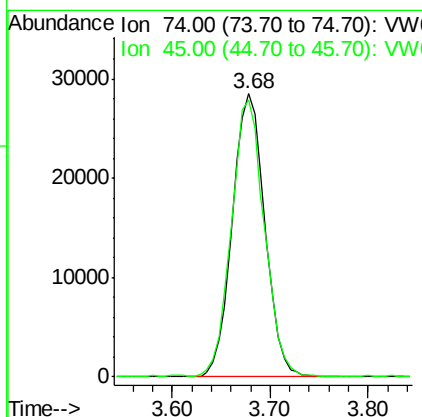
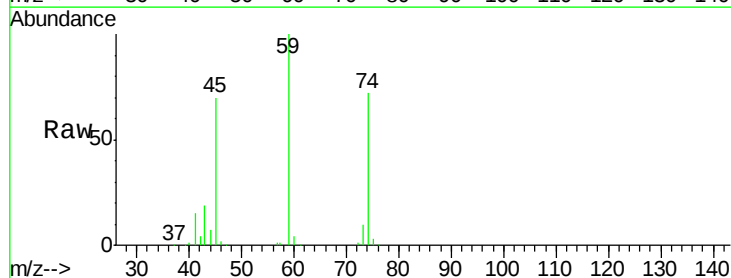
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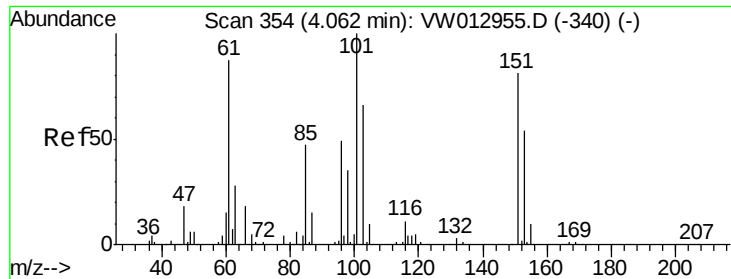
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 9/23/2019 10:46:33 AM



#8
 Diethyl Ether
 Concen: 57.787 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.7	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.214 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013175.D

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MSVOA_W

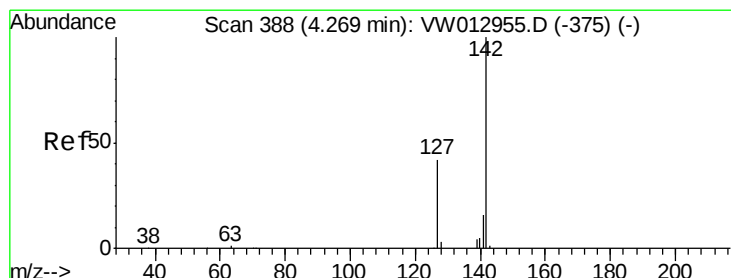
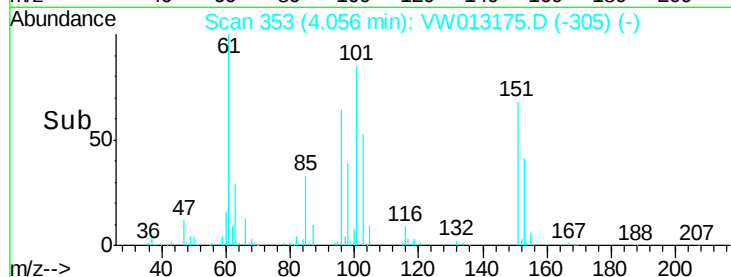
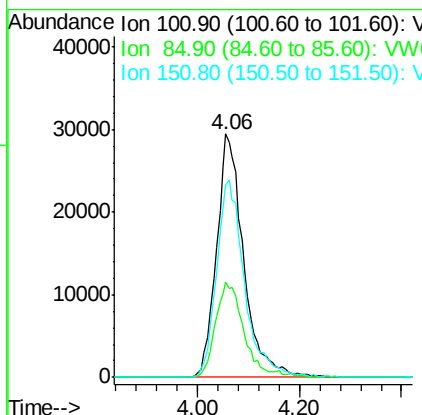
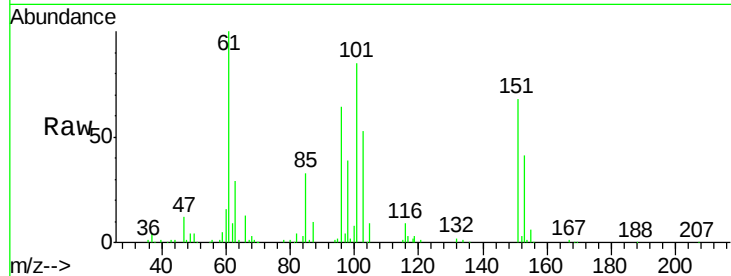
ClientSampleId :

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Tot Ion:	101	Resp:	108608
Ion Ratio	Lower	Upper	
101	100		
85	39.4	34.9	52.3
151	83.2	66.0	99.0

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#10

Methyl Iodide

Concen: 55.601 ug/l

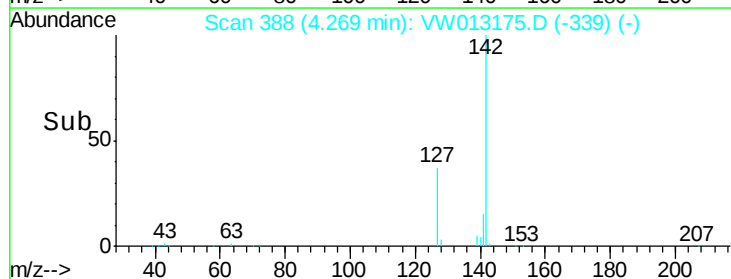
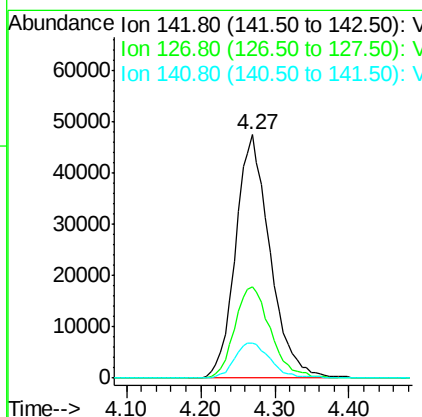
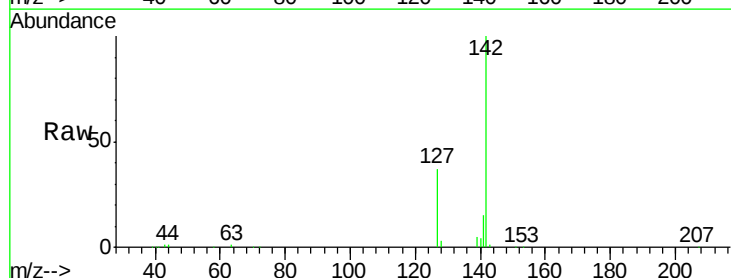
RT: 4.27 min Scan# 388

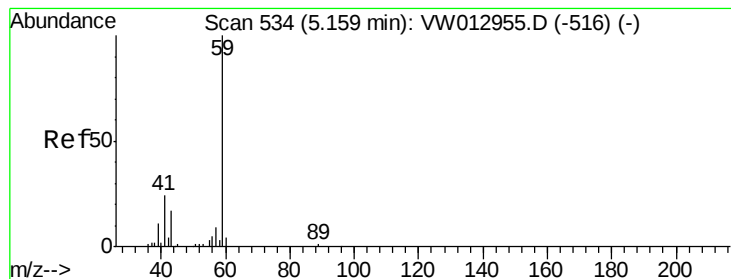
Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Tgt Ion:	142	Resp:	153563
Ion Ratio	Lower	Upper	
142	100		
127	39.3	34.7	52.1
141	15.3	12.2	18.2





#11

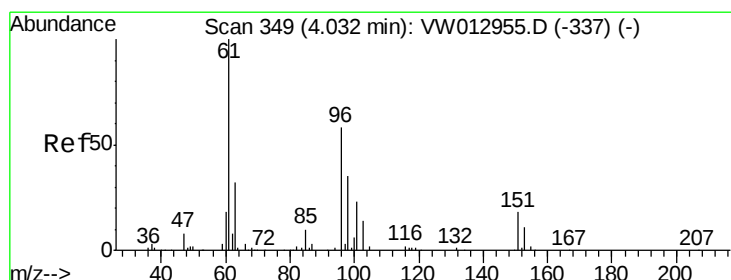
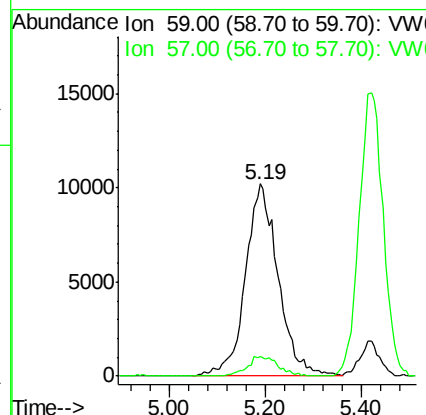
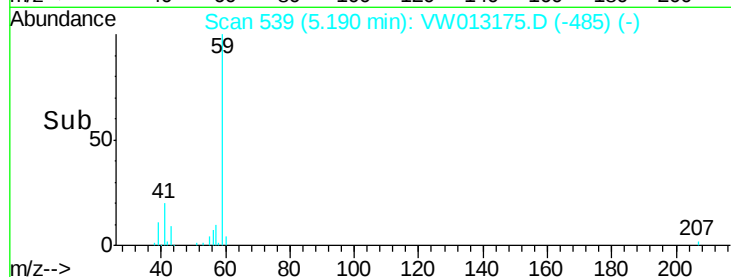
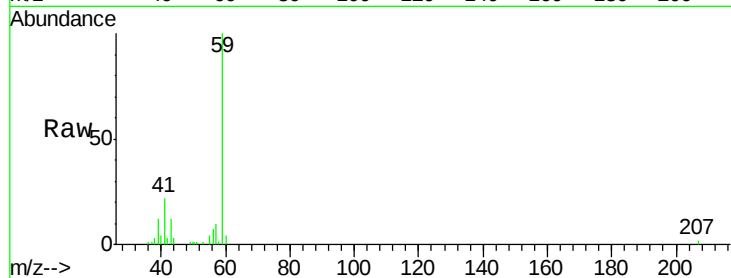
Tert butyl alcohol
 Concen: 268.373 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.03 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	48354		
57	9.5		8.5	12.7

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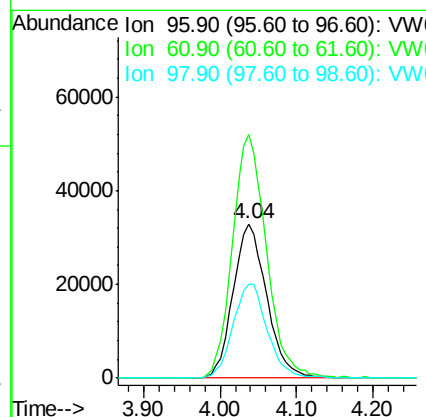
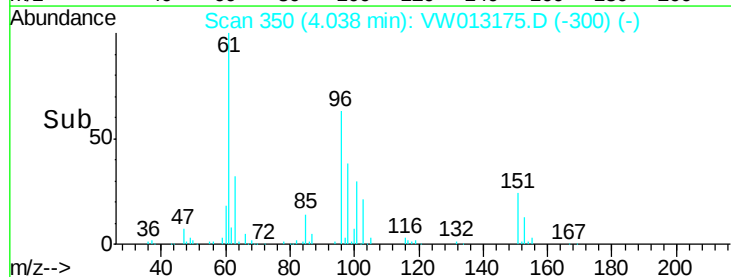
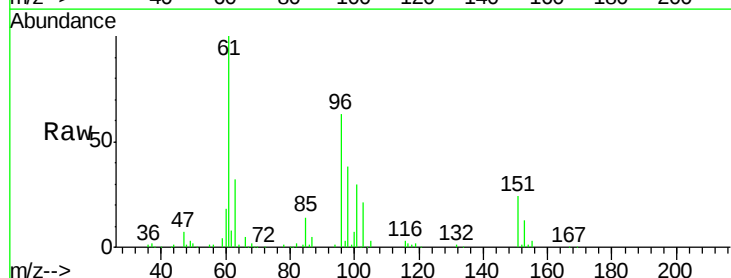
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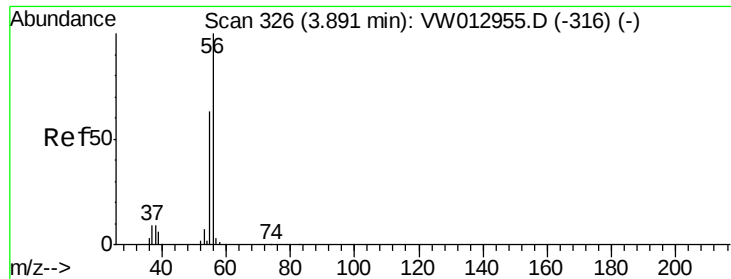


#12

1,1-Dichloroethene
 Concen: 49.874 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	100076		
61	158.0		137.9	206.9
98	60.5		48.9	73.3





#13

Acrolein

Concen: 151.327 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 30499

Ion Ratio Lower Upper

56 100

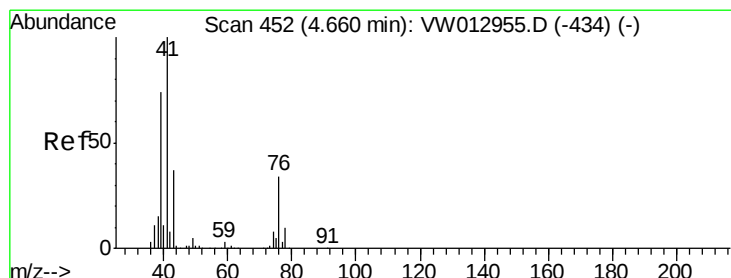
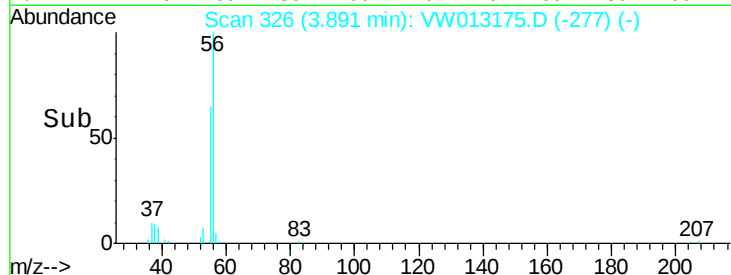
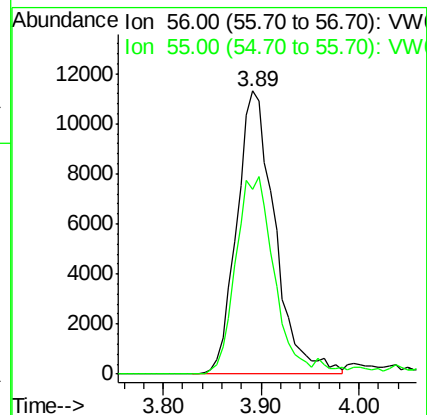
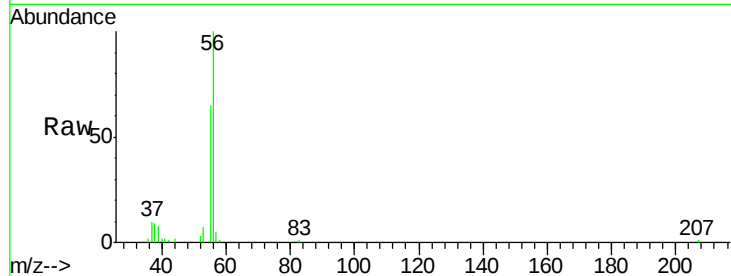
55 69.3 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 48.581 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

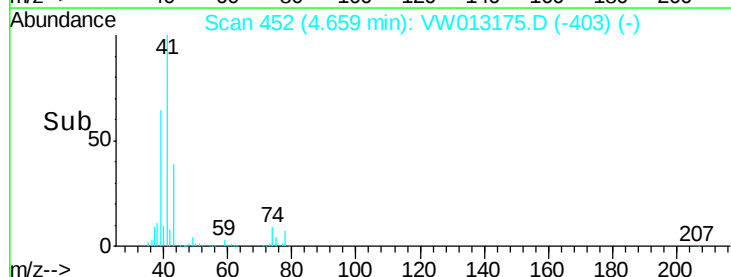
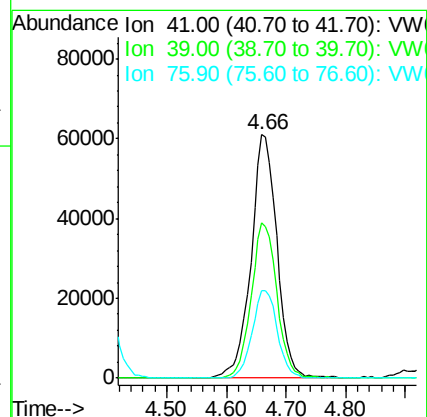
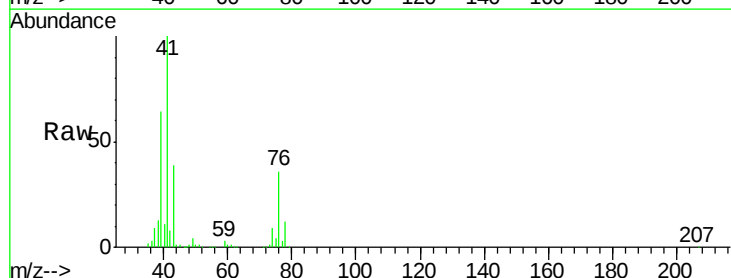
Tgt Ion: 41 Resp: 185064

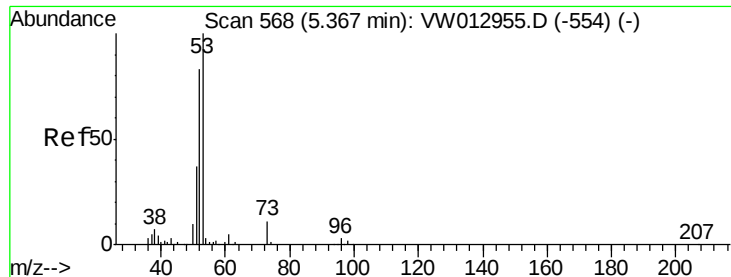
Ion Ratio Lower Upper

41 100

39 62.9 56.7 85.1

76 34.8 25.1 37.7





#15

Acrylonitrile

Concen: 281.389 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Instrument :

MSVOA_W

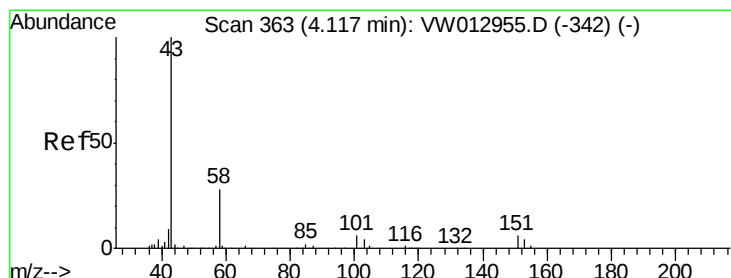
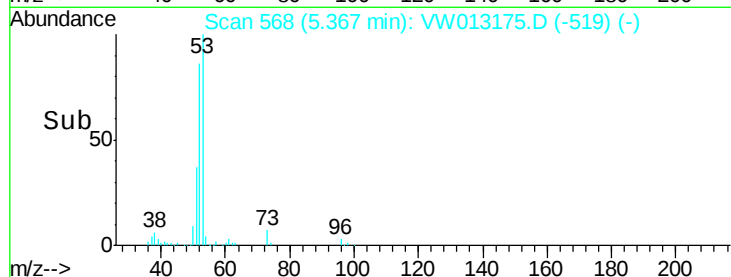
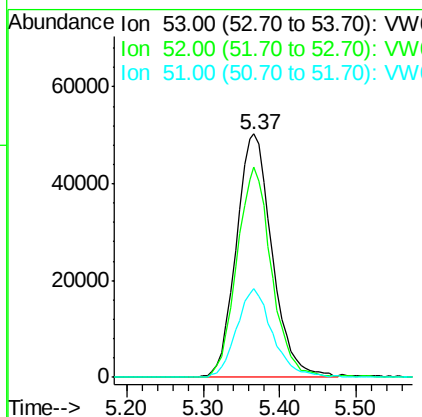
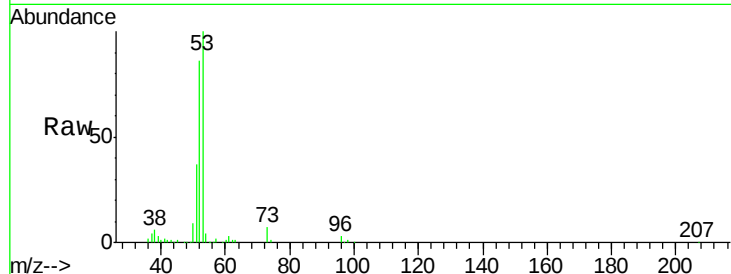
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	163286
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.6	100.0
51	36.5	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 225.396 ug/l

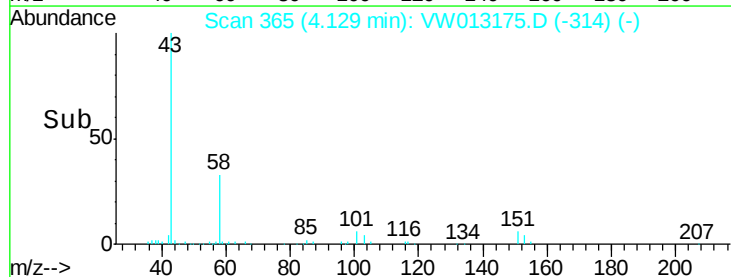
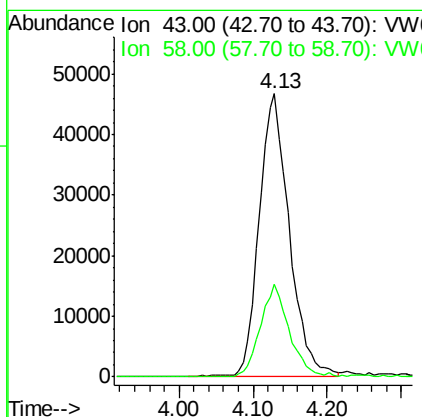
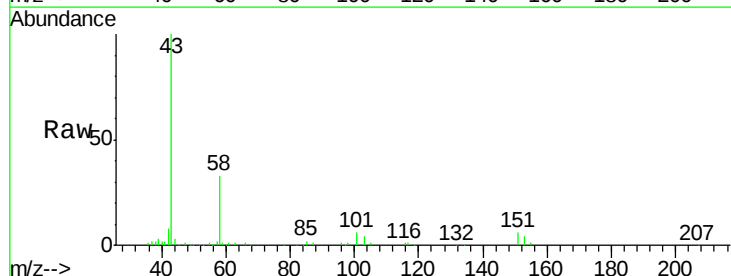
RT: 4.13 min Scan# 365

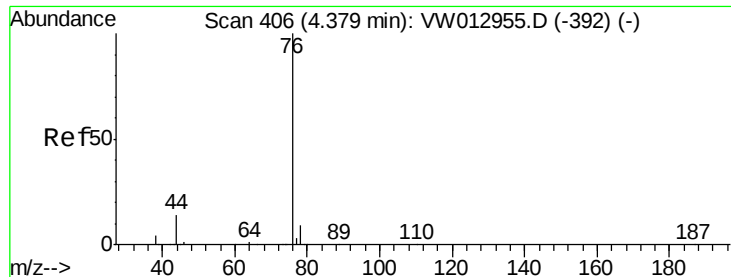
Delta R.T. 0.01 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Tgt Ion:	43	Resp:	132432
Ion Ratio	Lower	Upper	
43	100		
58	32.6	22.3	33.5





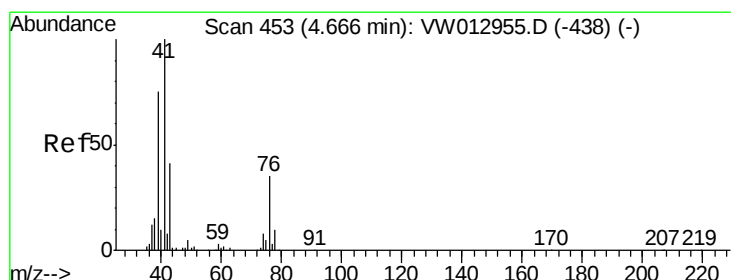
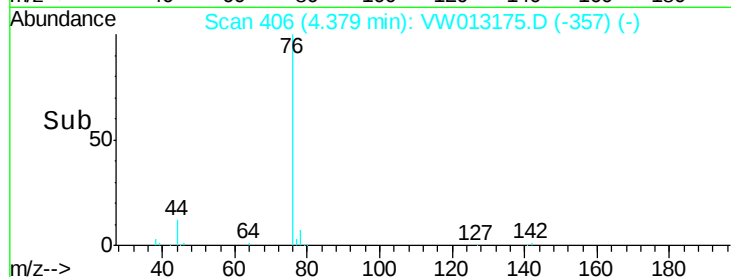
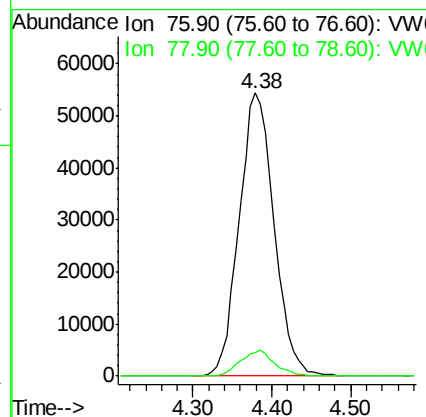
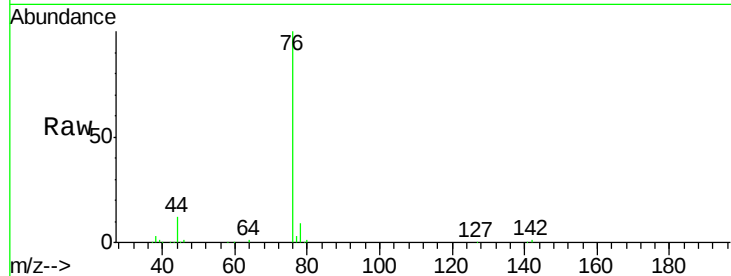
#17
Carbon Disulfide
Concen: 41.861 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.0	10.4

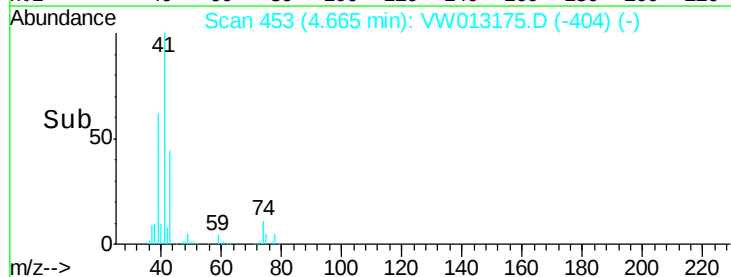
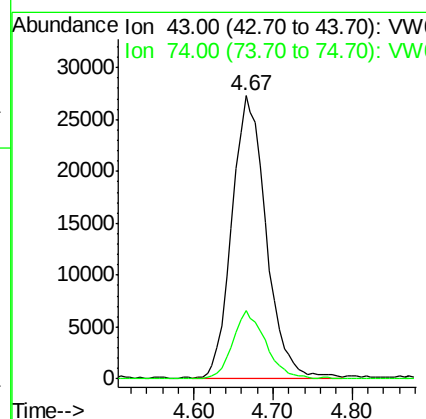
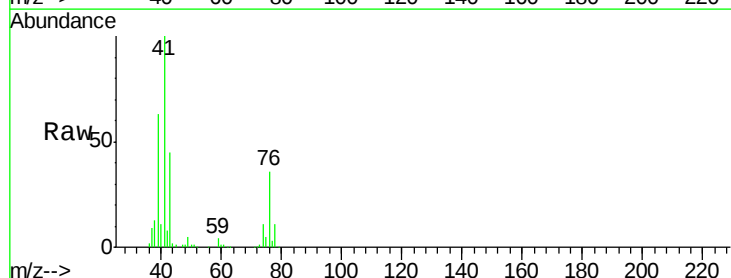
Manual Integrations
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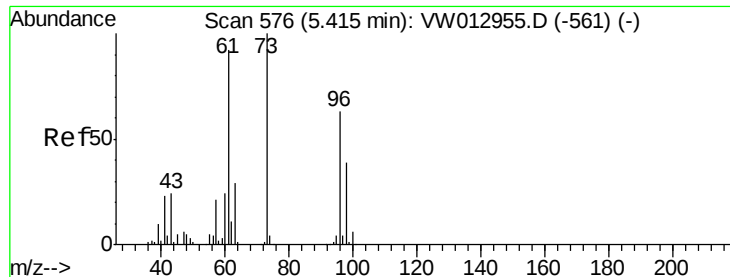
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#18
Methyl Acetate
Concen: 53.653 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	17.8	26.8





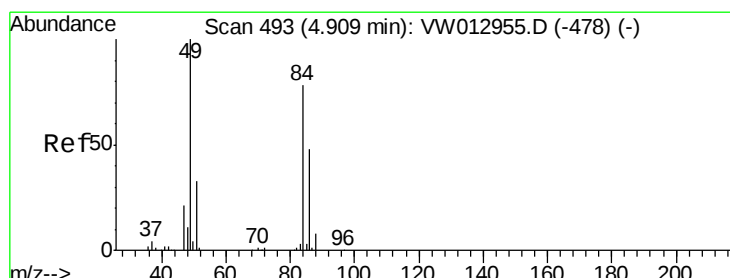
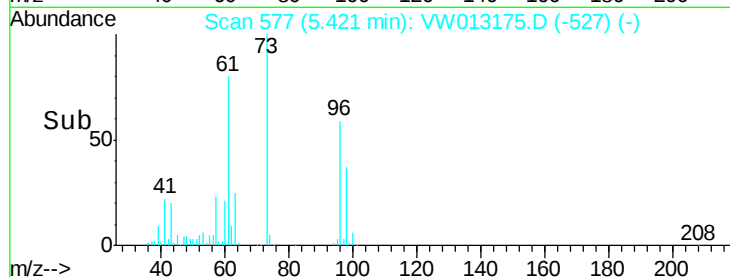
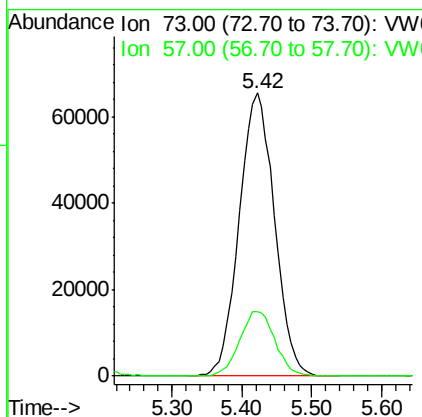
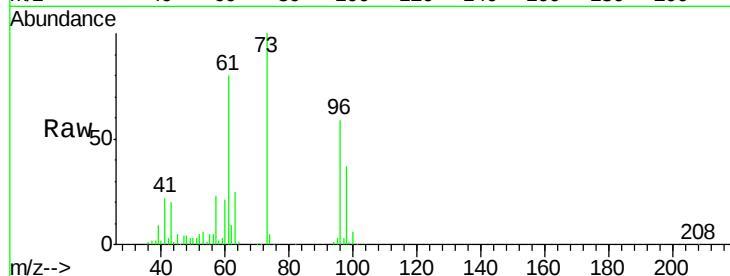
#19
Methvl tert-butvl Ether
Concen: 57.798 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 228933
Ion Ratio Lower Upper
73 100
57 23.0 16.4 24.6

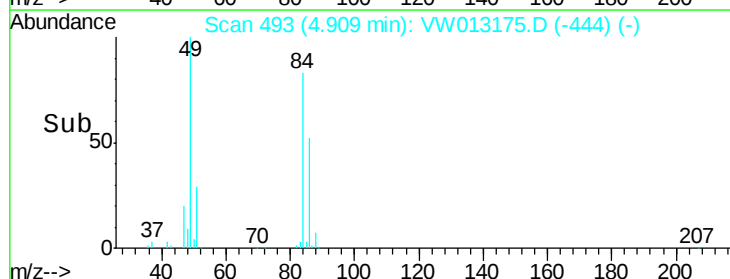
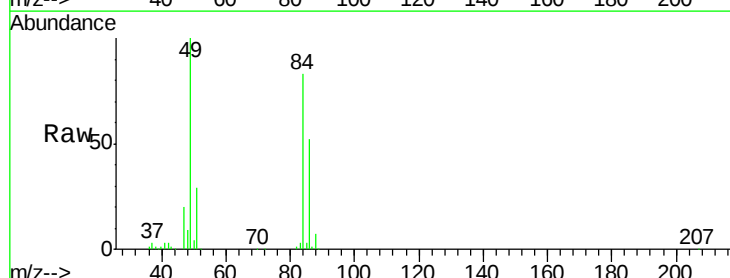
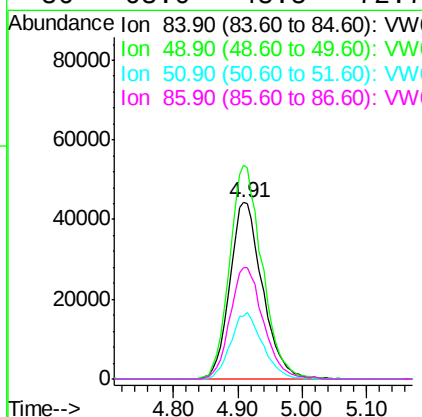
Manual Integrations
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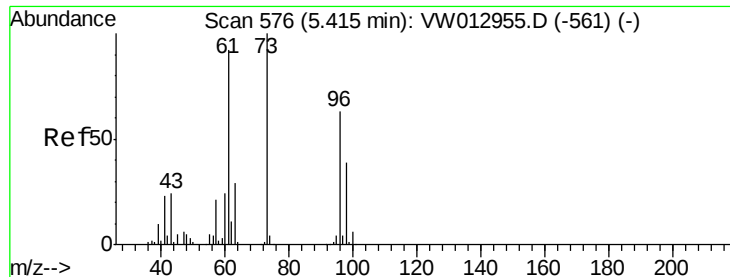
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#20
Methylene Chloride
Concen: 74.614 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Tgt Ion: 84 Resp: 156304
Ion Ratio Lower Upper
84 100
49 121.0 102.0 153.0
51 35.2 34.0 51.0
86 63.0 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 52.122 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 112016

Ion Ratio Lower Upper

96 100

61 135.8 116.2 174.2

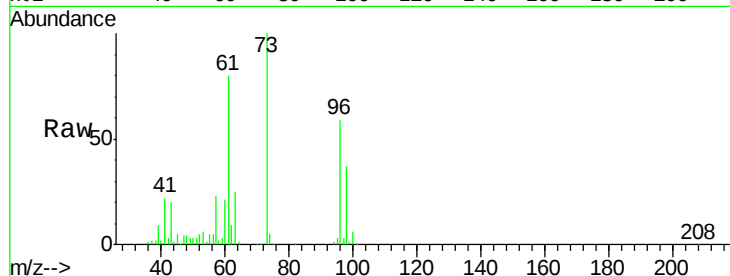
98 62.4 49.8 74.6

Manual Integrations

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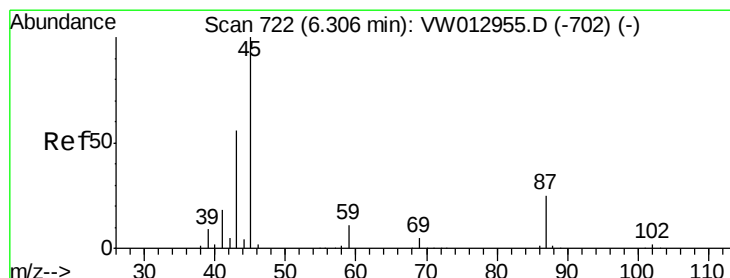
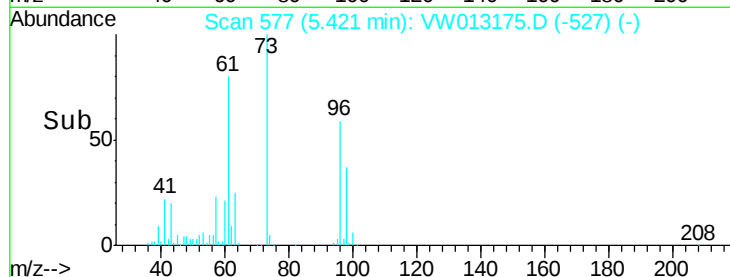
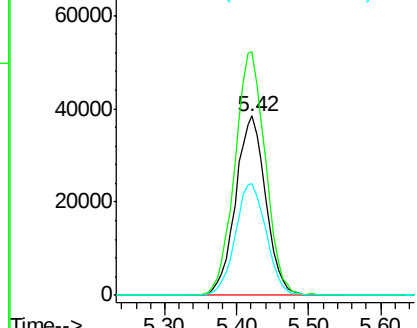


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 56.107 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Tgt Ion: 45 Resp: 444012

Ion Ratio Lower Upper

45 100

43 50.9 44.6 67.0

87 25.4 20.0 30.0

59 10.7 8.7 13.1

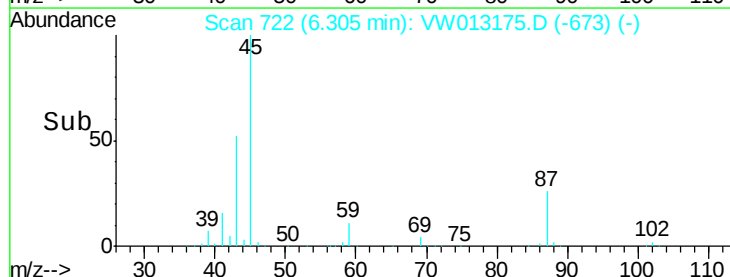
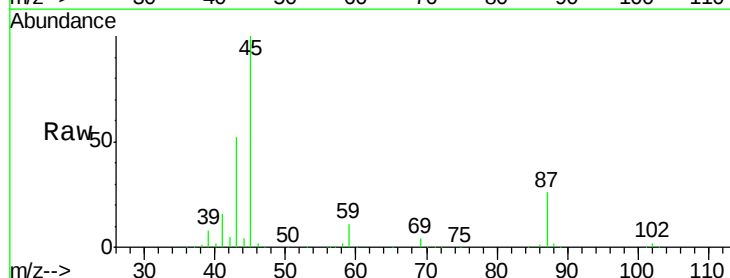
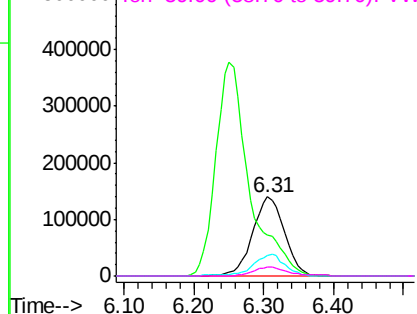
Abundance

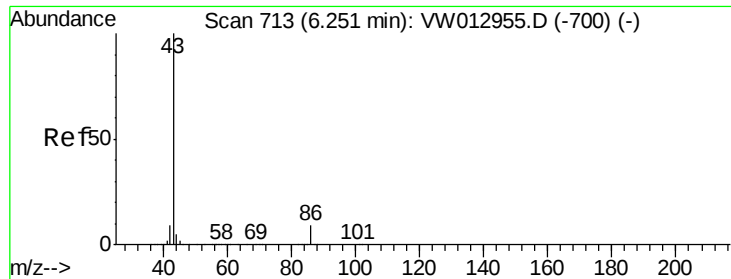
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 265.711 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1259427

Ion Ratio Lower Upper

43 100

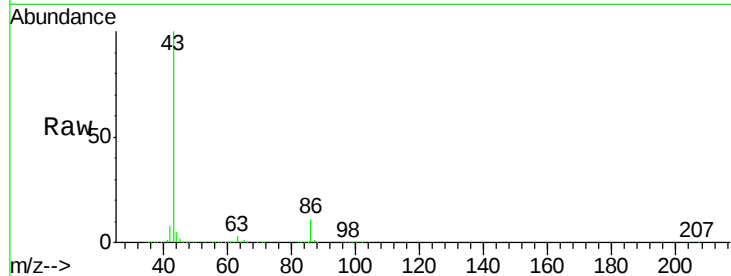
86 10.6 7.0 10.6#

Manual Integrations

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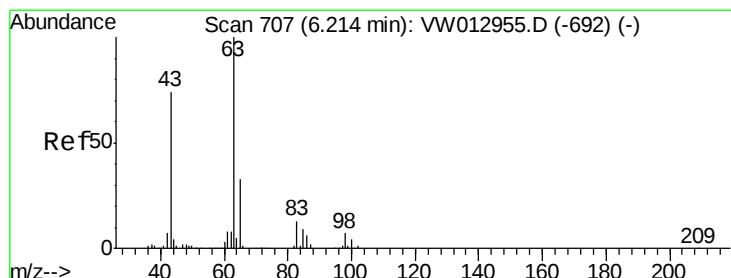
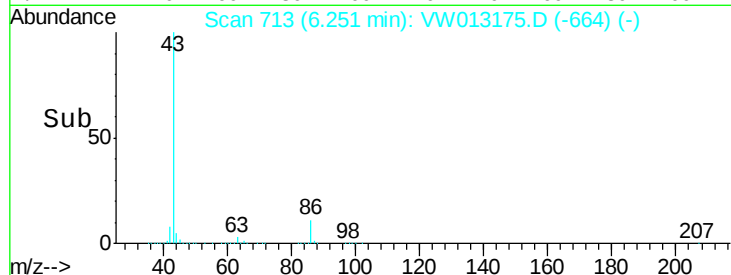
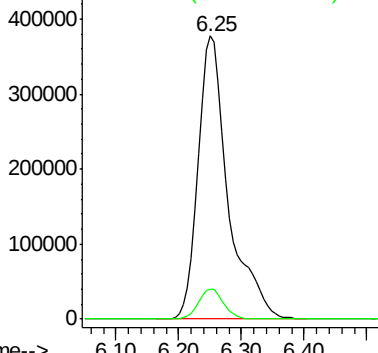
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.314 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

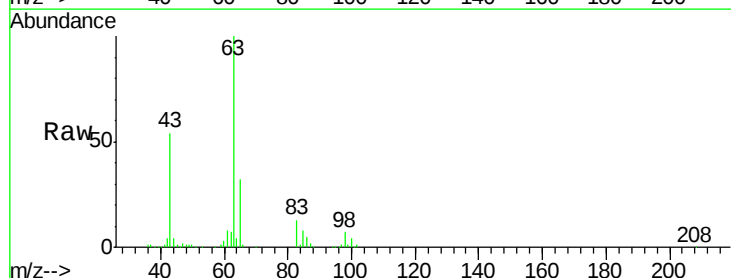
Tgt Ion: 63 Resp: 234134

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

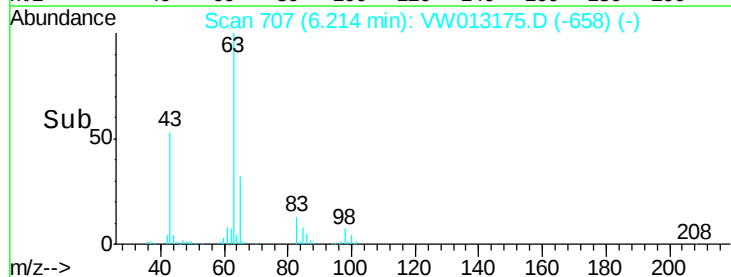
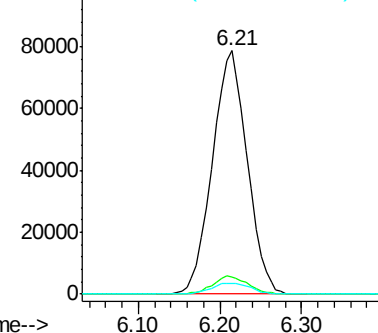
100 4.5 1.8 5.5

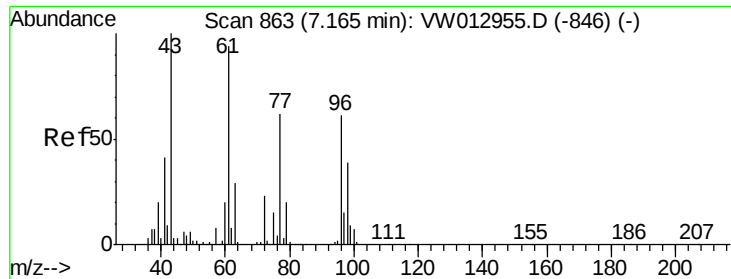


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 245.176 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 209311

Ion Ratio Lower Upper

43 100

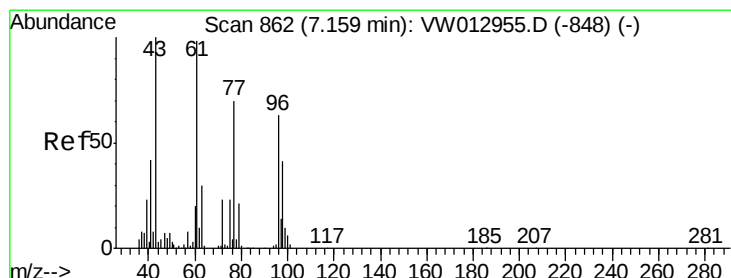
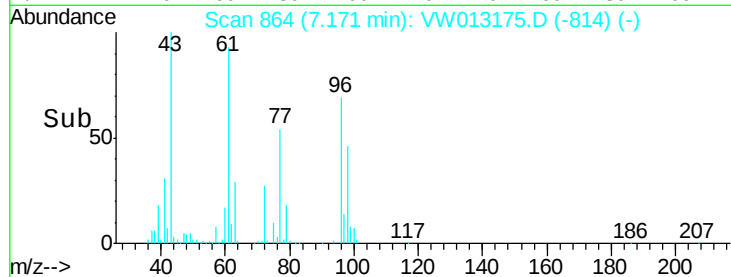
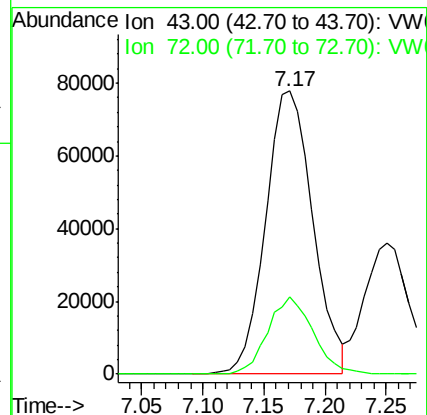
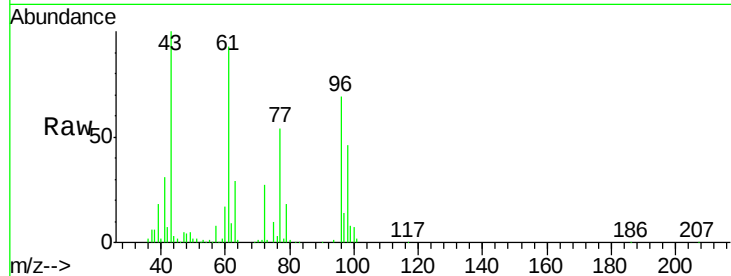
72 27.3 18.2 27.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.056 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW013175.D

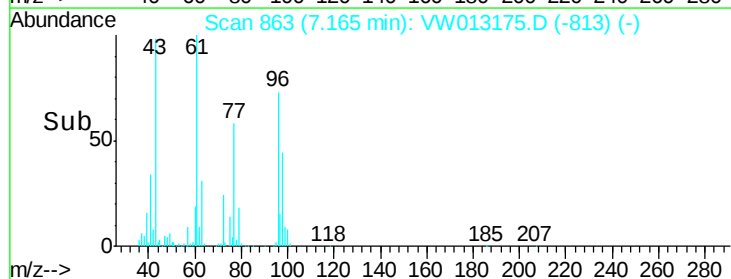
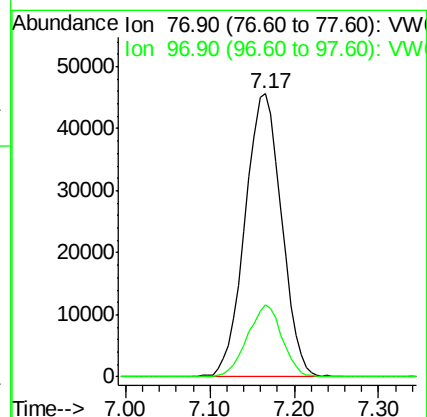
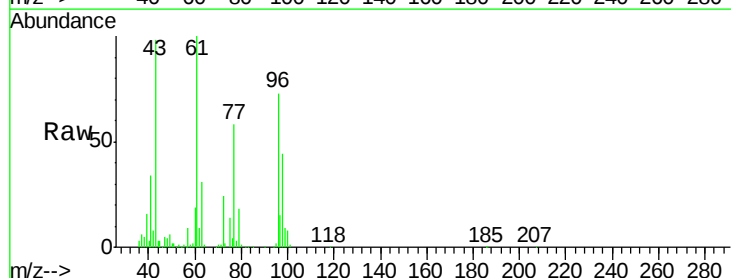
Acq: 19 Sep 2019 21:18

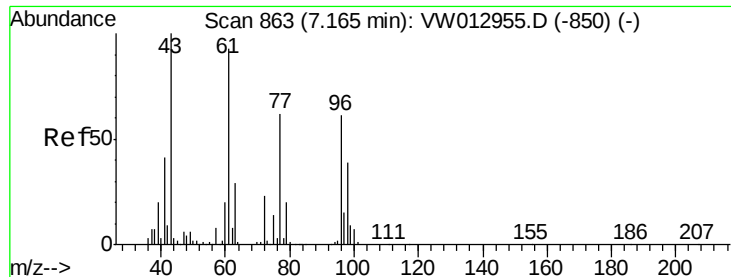
Tgt Ion: 77 Resp: 134354

Ion Ratio Lower Upper

77 100

97 24.2 10.7 32.1





#27

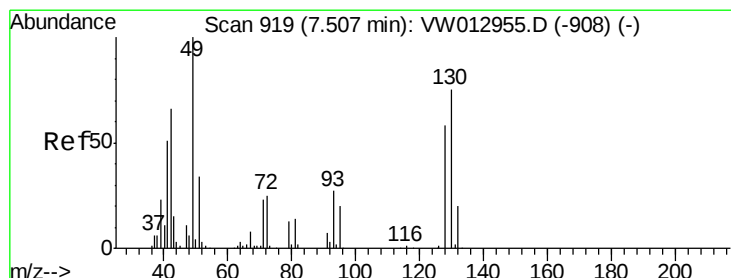
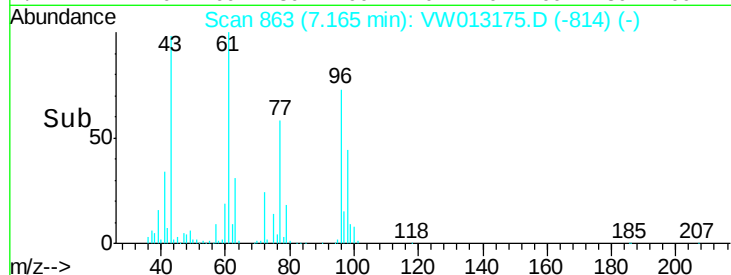
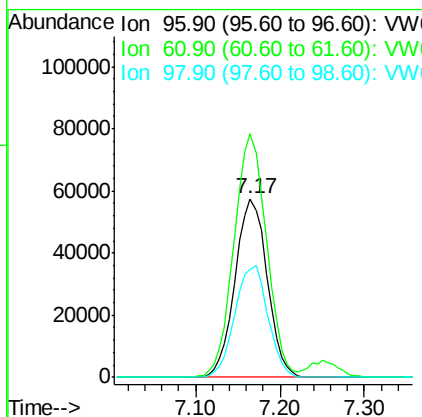
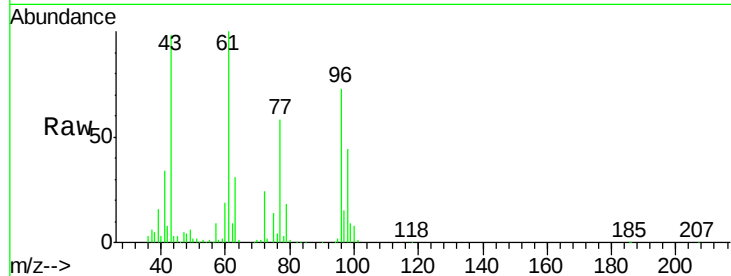
cis-1,2-Dichloroethene
Concen: 57.670 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	138.0	0.0	315.4	
98	64.2	0.0	131.0	

Manual Integrations
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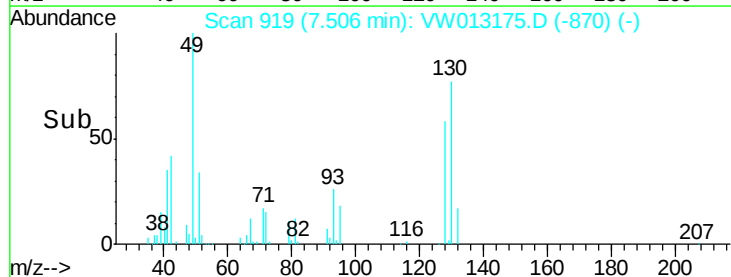
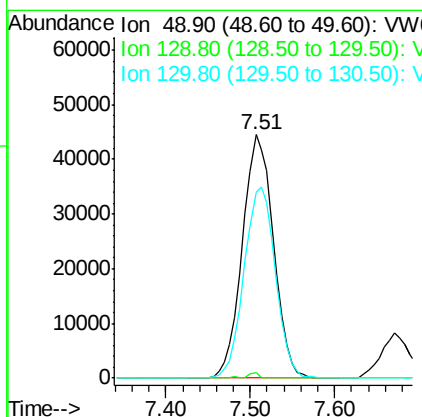
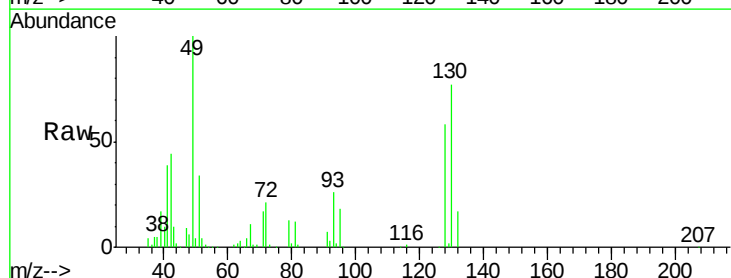
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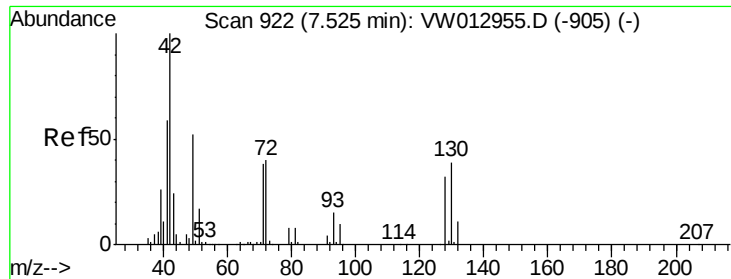


#28

Bromochloromethane
Concen: 57.632 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.6	0.0	1.4	
130	79.2	57.8	86.6	





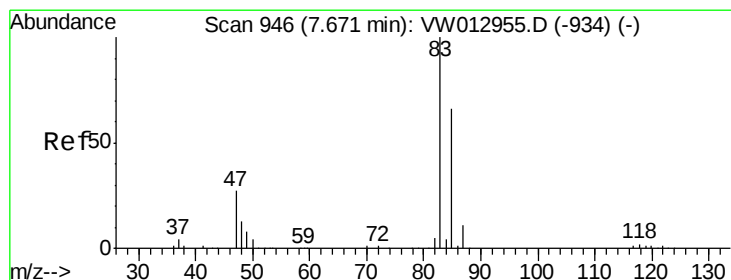
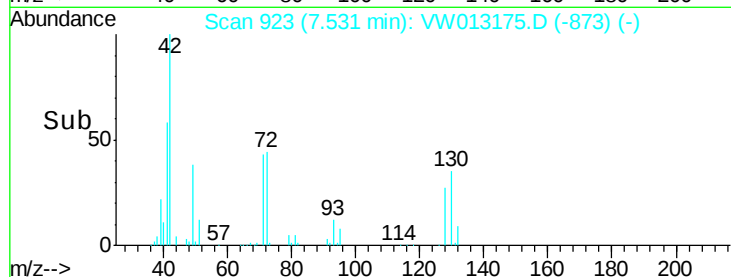
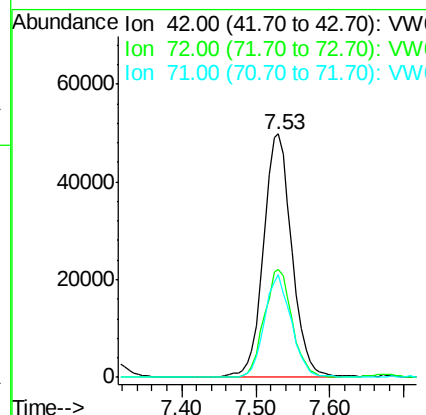
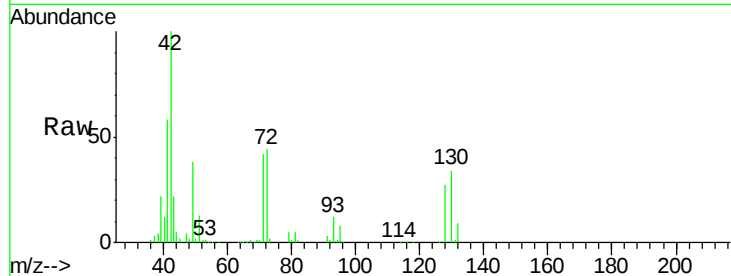
#29
Tetrahydrofuran
Concen: 272.731 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	31.4	47.0
71	40.0	29.8	44.8

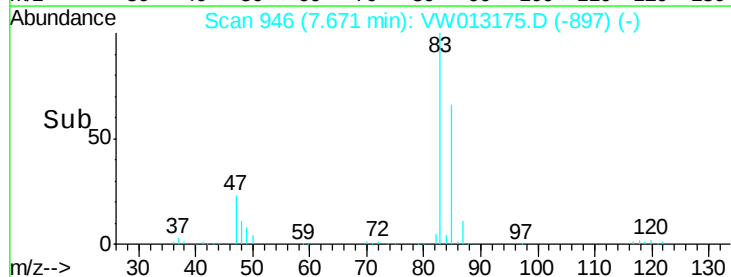
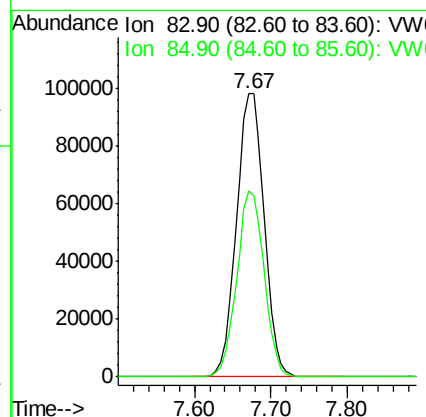
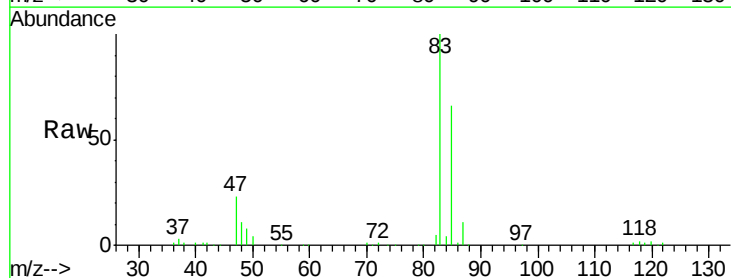
Manual Integrations
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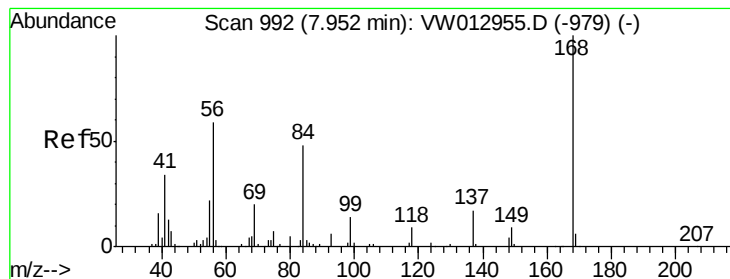
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#30
Chloroform
Concen: 52.943 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.8	79.2





#31

Cyclohexane

Concen: 48.122 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 165372

Ion Ratio Lower Upper

56 100

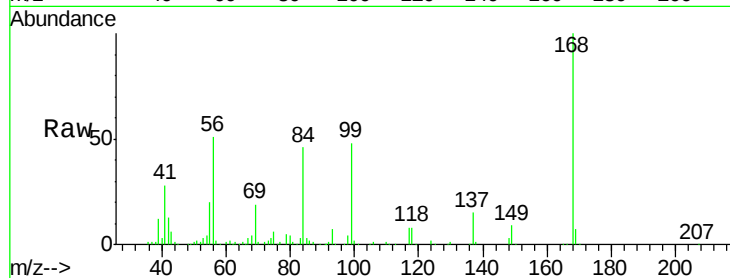
69 37.3 27.0 40.6

84 89.1 66.2 99.2

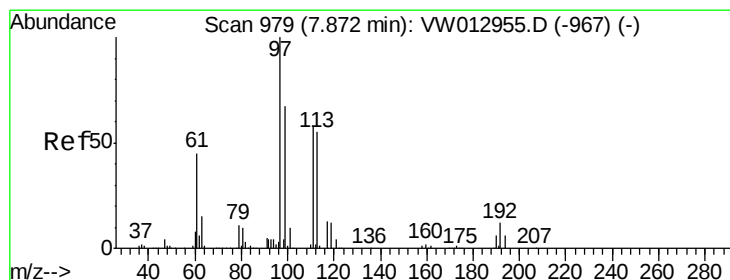
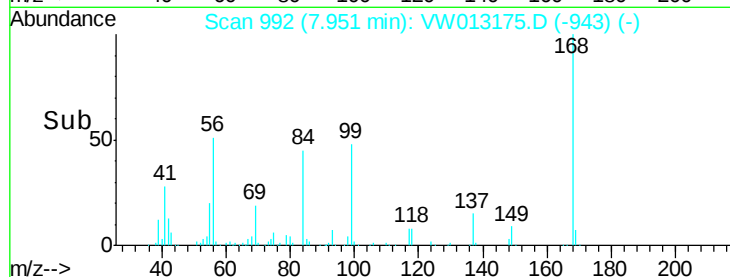
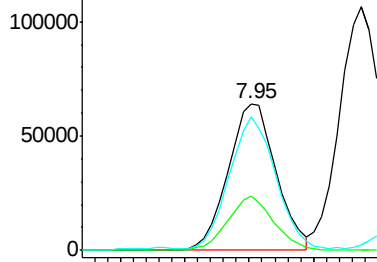
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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 47.213 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

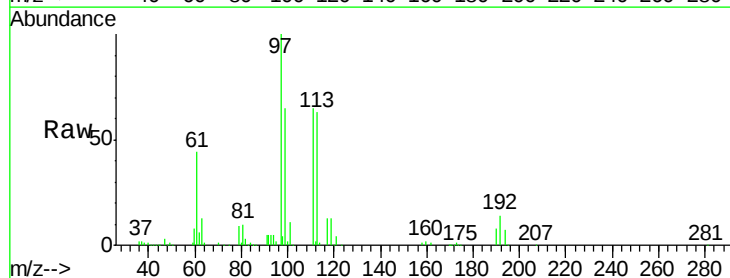
Tgt Ion: 97 Resp: 180257

Ion Ratio Lower Upper

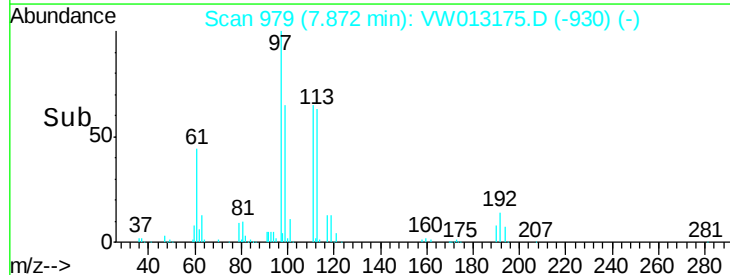
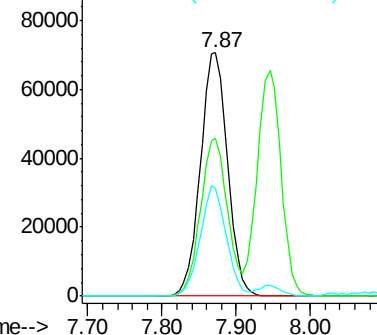
97 100

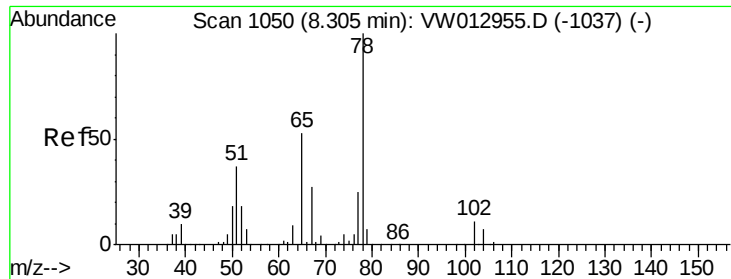
99 65.0 53.0 79.4

61 43.5 36.5 54.7



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





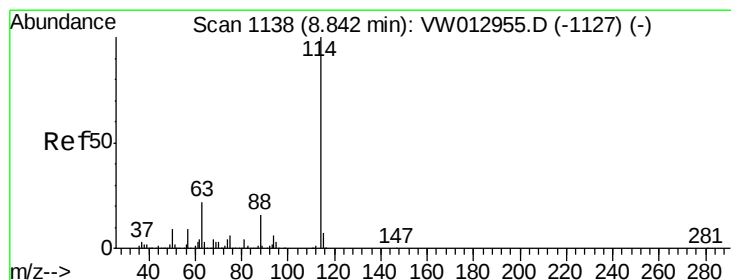
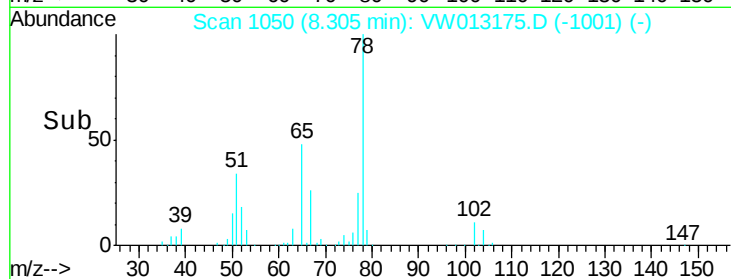
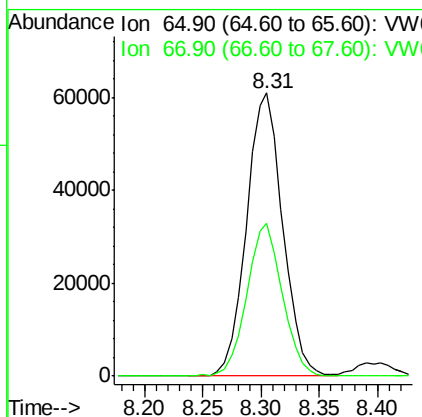
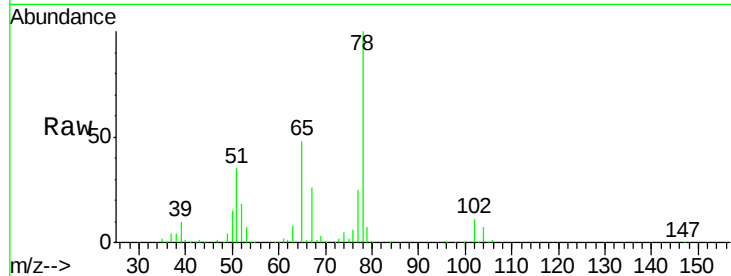
#33
 1,2-Dichloroethane-d4
 Concen: 48.995 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	131544		
67	52.9	0.0	101.2	

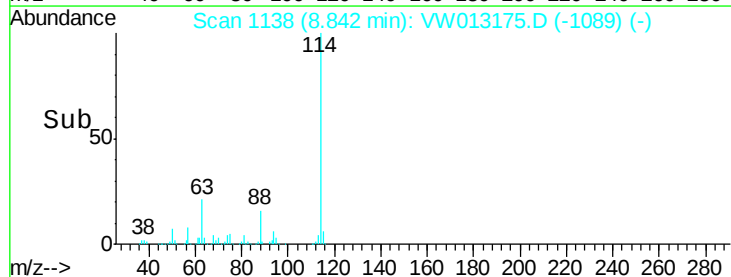
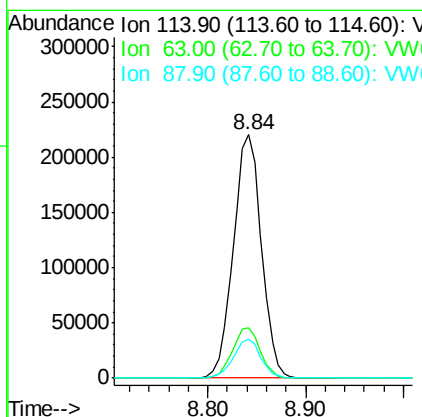
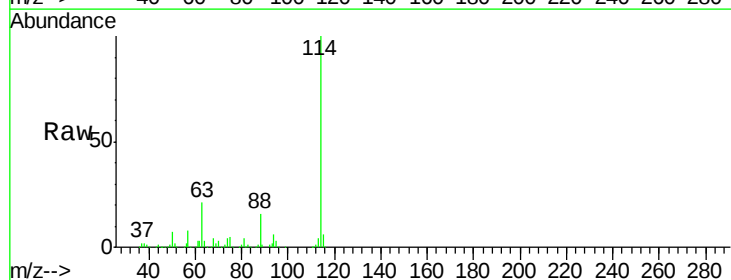
Manual Integrations
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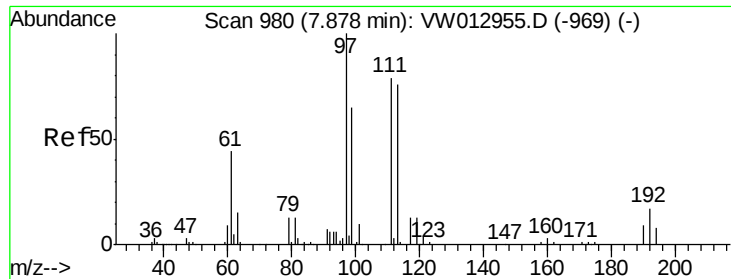
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	437443		
63	20.8	0.0	43.4	
88	16.1	0.0	31.6	





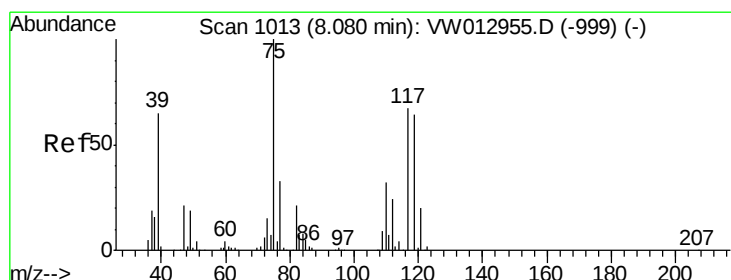
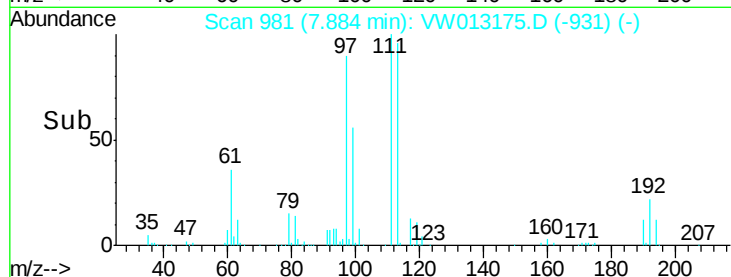
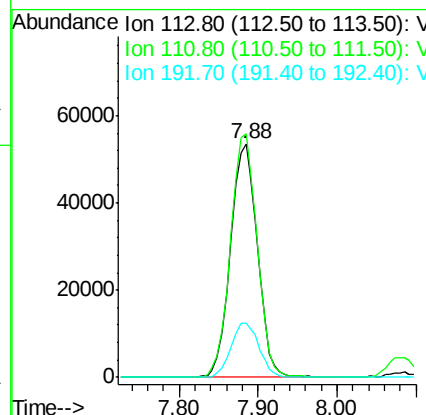
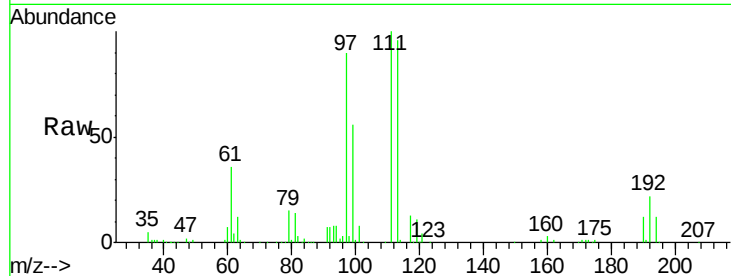
#35
 Dibromofluoromethane
 Concen: 53.669 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127389		
111	103.2	82.8	124.2	
192	24.2	17.8	26.8	

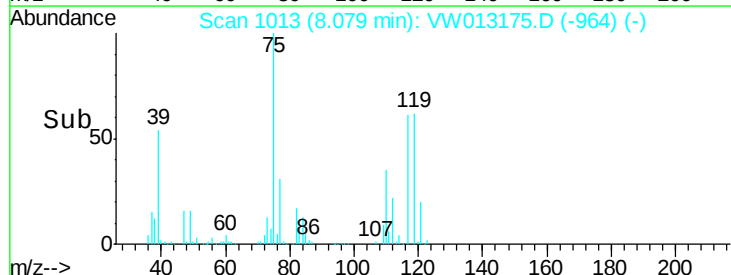
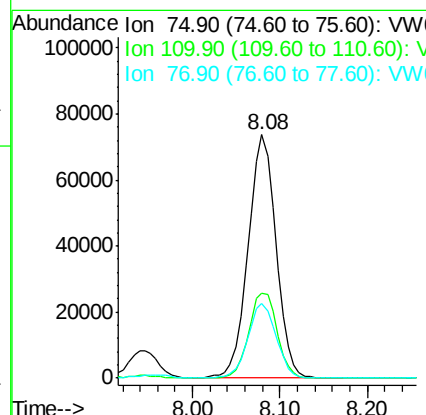
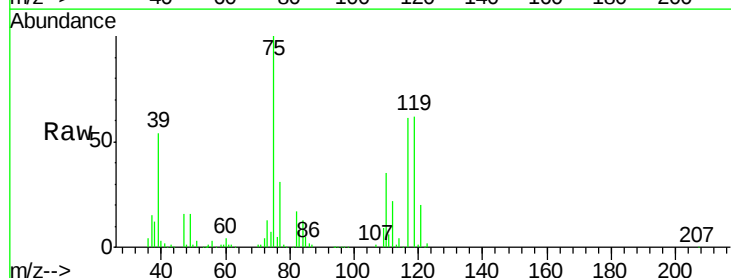
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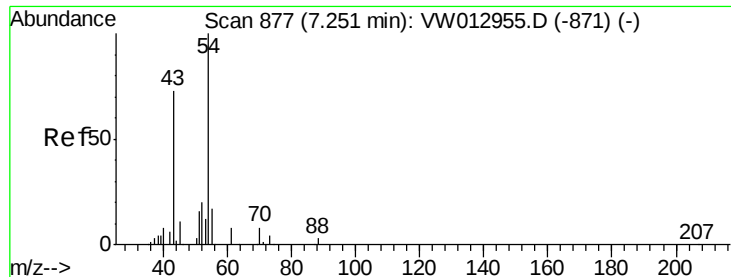
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#36
 1,1-Dichloropropene
 Concen: 46.502 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	162550		
110	35.7	16.4	49.1	
77	31.3	25.1	37.7	





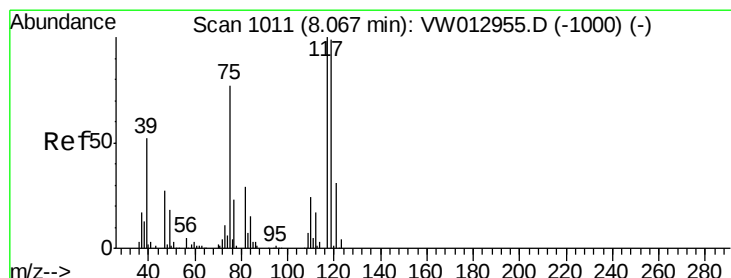
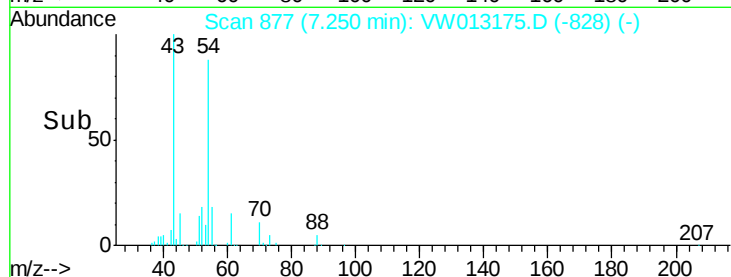
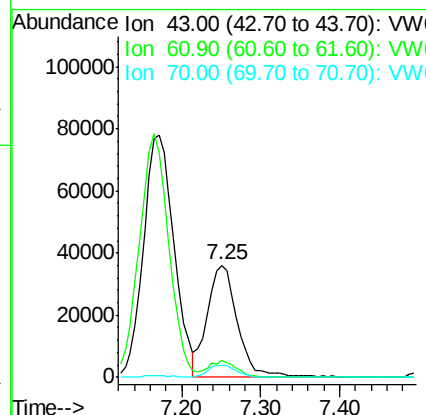
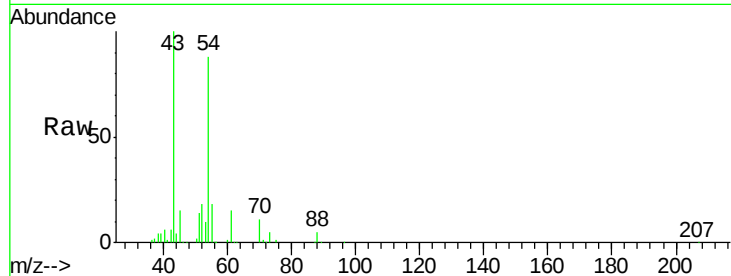
#37
Ethyl Acetate
Concen: 51.529 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	9.6	14.4
70	10.4	7.6	11.4

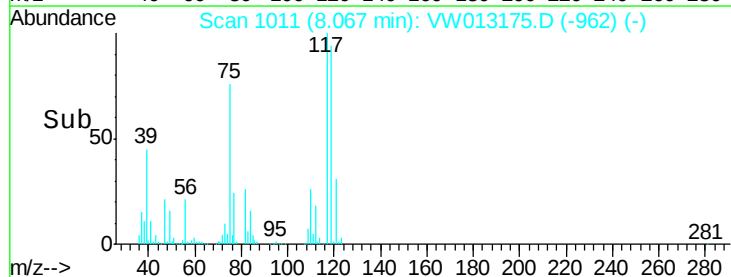
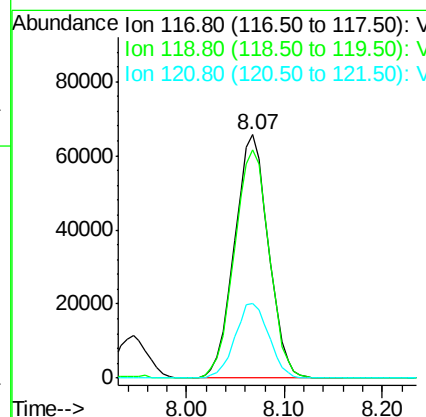
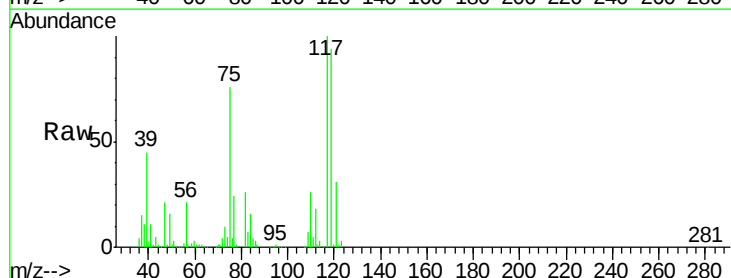
Manual Integrations
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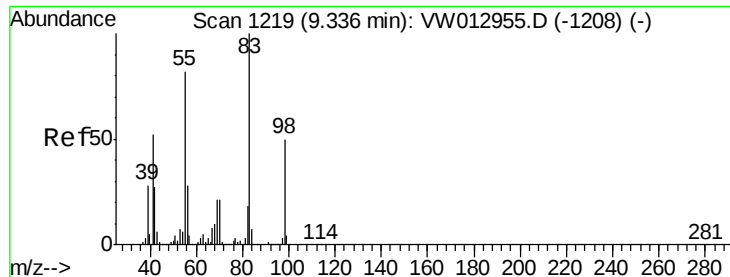
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#38
Carbon Tetrachloride
Concen: 44.162 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	79.4	119.0
121	30.6	24.6	36.8





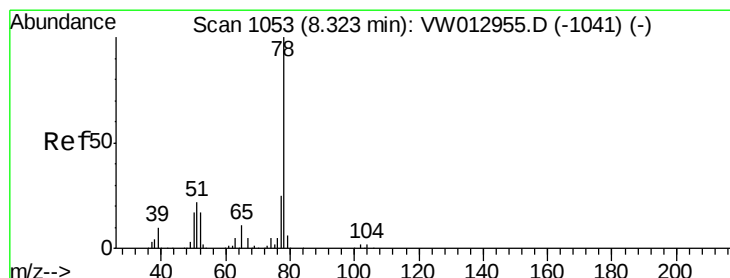
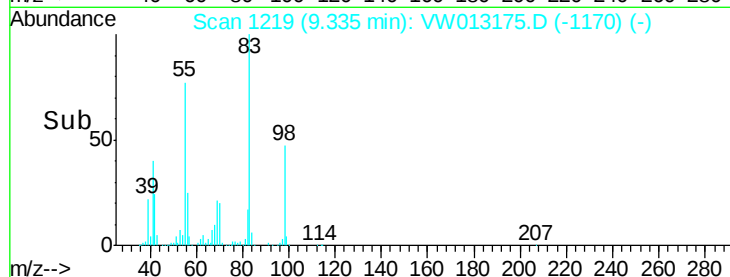
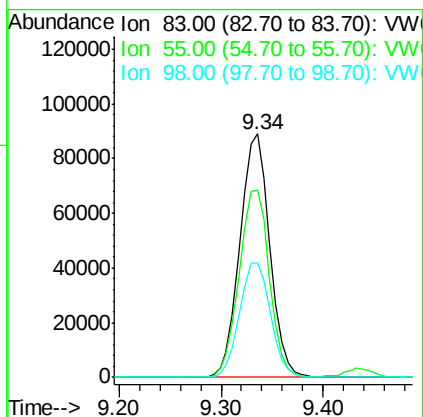
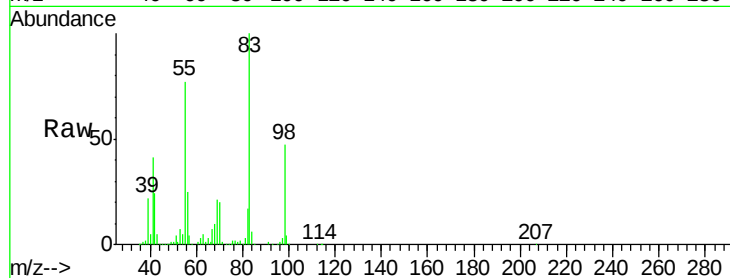
#39
Methylcyclohexane
Concen: 47.219 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.7	65.9	98.9
98	47.2	39.6	59.4

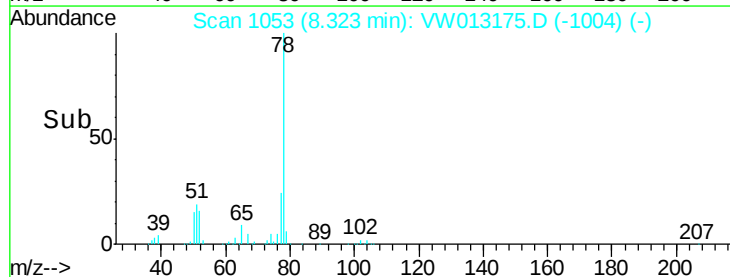
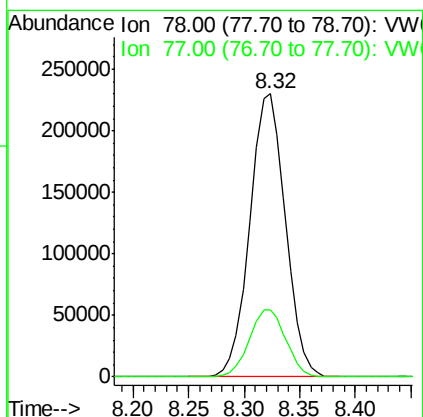
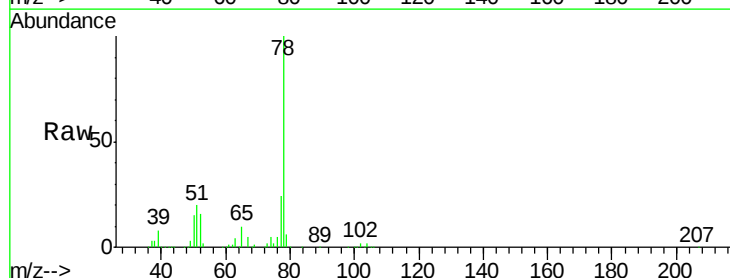
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#40
Benzene
Concen: 52.567 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.6	29.4





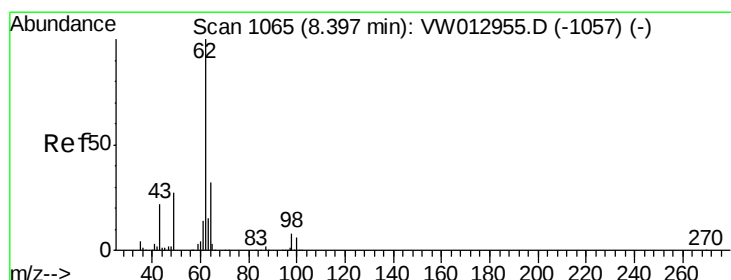
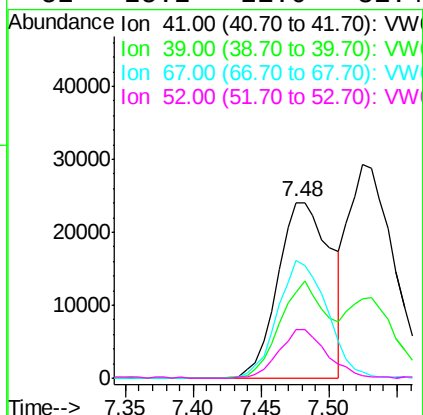
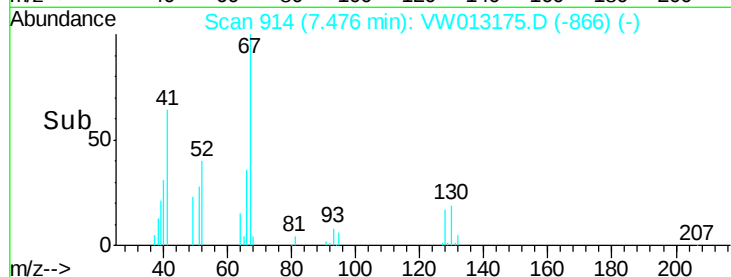
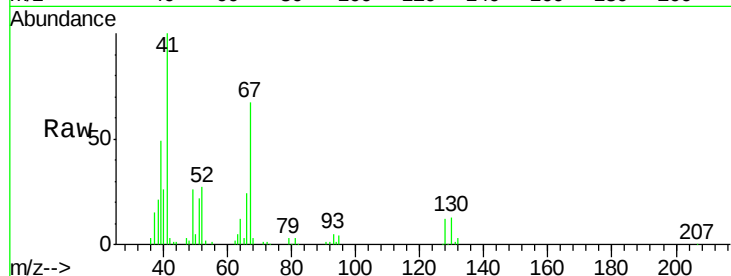
#41
Methacrylonitrile
Concen: 53.364 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	65203
Ion Ratio	Lower	Upper	
41	100		
39	50.1	48.2	72.4
67	62.9	47.5	71.3
52	25.2	21.0	31.4

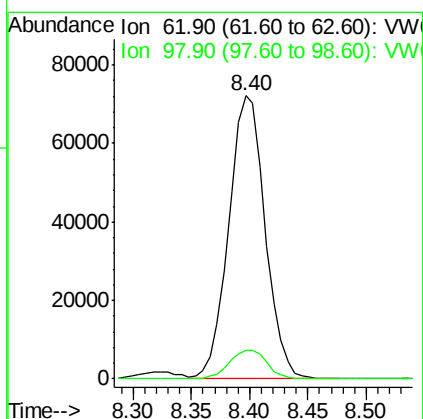
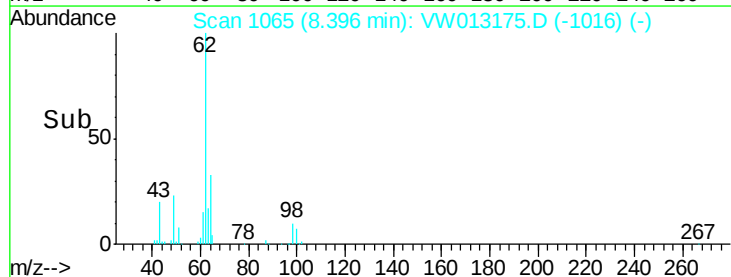
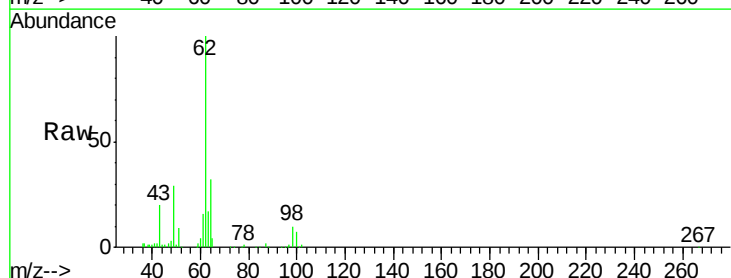
Manual Integrations
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9/23/2019 10:46:33 AM



#42
1,2-Dichloroethane
Concen: 47.834 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Tgt Ion	62	Resp	156475
Ion Ratio	Lower	Upper	
62	100		
98	10.4	0.0	16.8





#43

Isopropyl Acetate

Concen: 50.889 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Instrument :

MSVOA_W

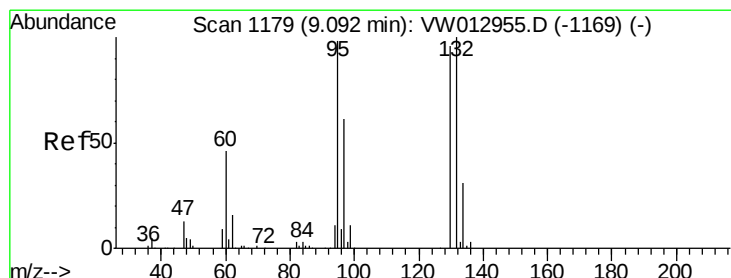
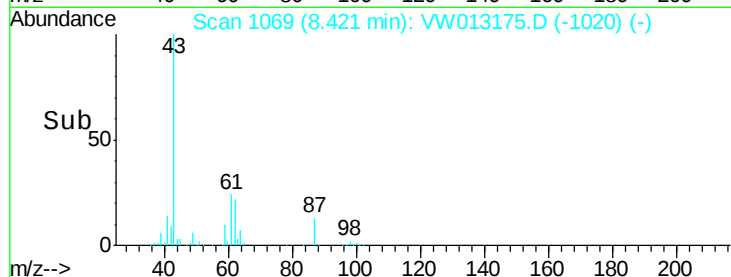
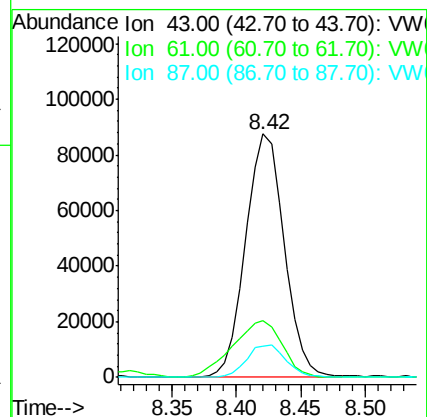
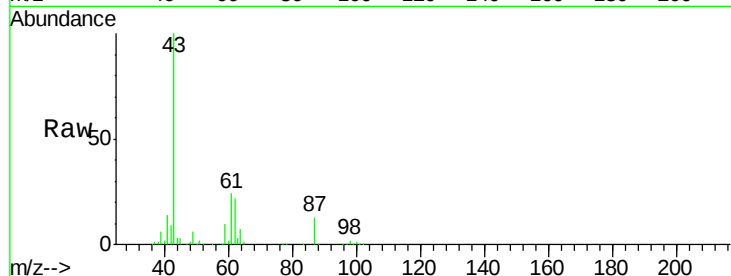
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	181287
Ion	Ratio	Lower	Upper
43	100		
61	30.4	22.7	34.1
87	13.6	9.4	14.2

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#44

Trichloroethene

Concen: 52.159 ug/l

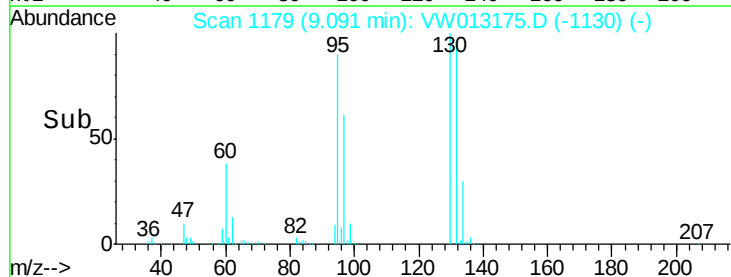
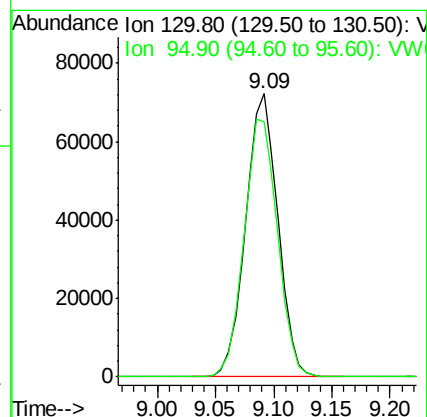
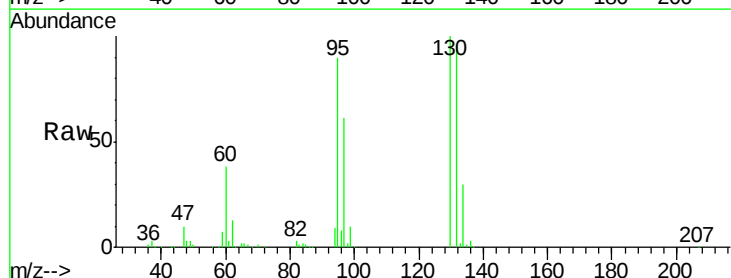
RT: 9.09 min Scan# 1179

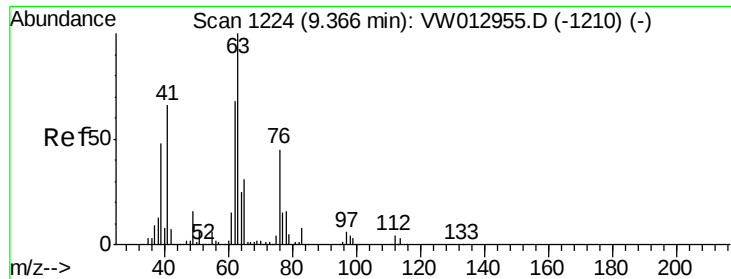
Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Tgt Ion:	130	Resp:	139416
Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	204.4





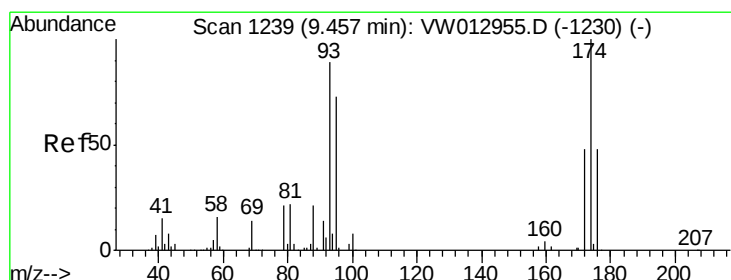
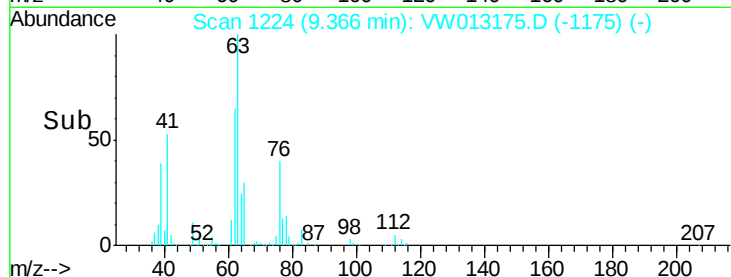
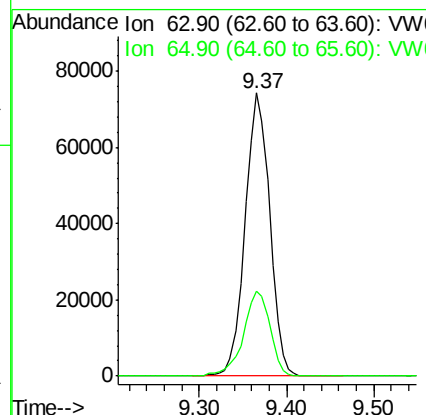
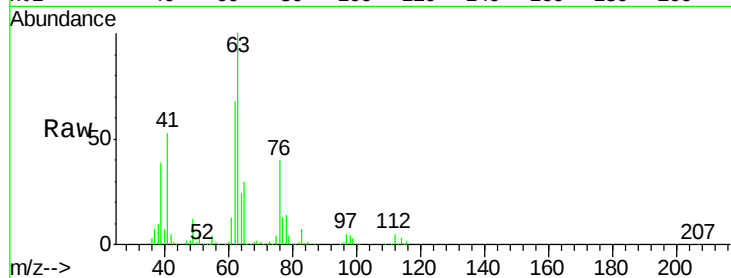
#45
 1,2-Dichloropropane
 Concen: 56.024 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.6	37.0

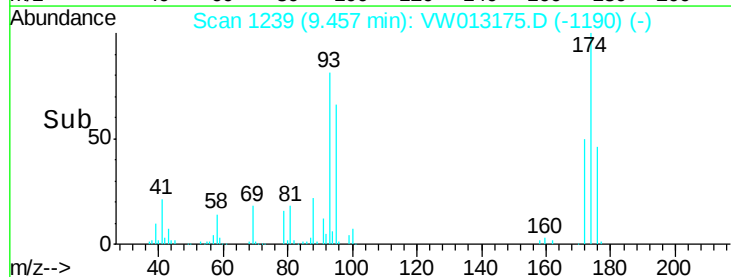
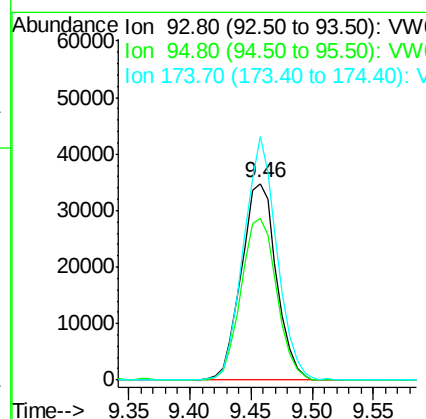
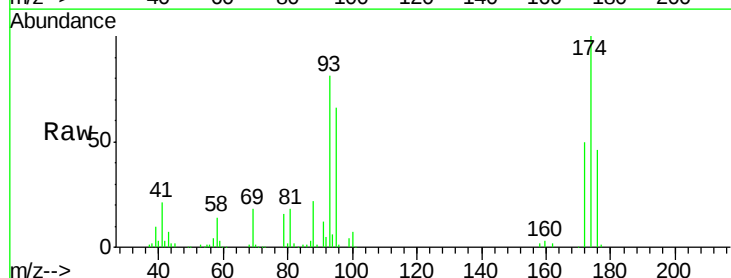
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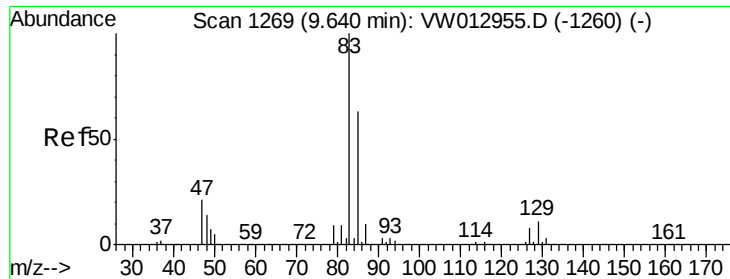
MMDadoda
 9/23/2019 10:46:33 AM



#46
 Dibromomethane
 Concen: 55.754 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	67.0	100.4
174	116.5	90.5	135.7





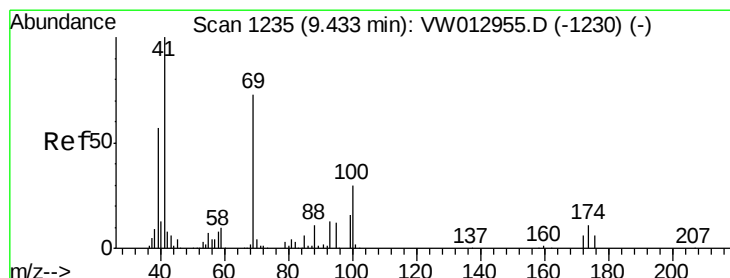
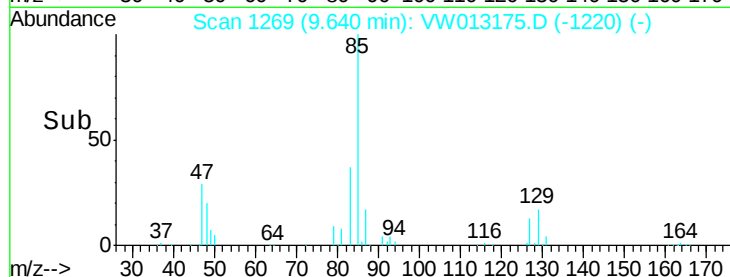
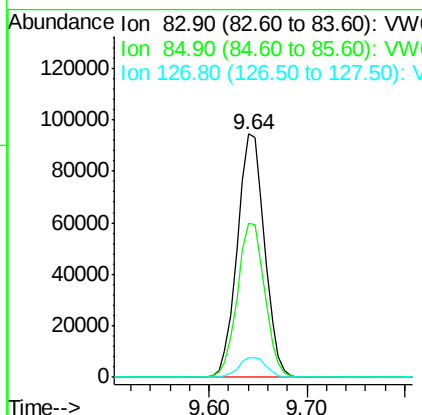
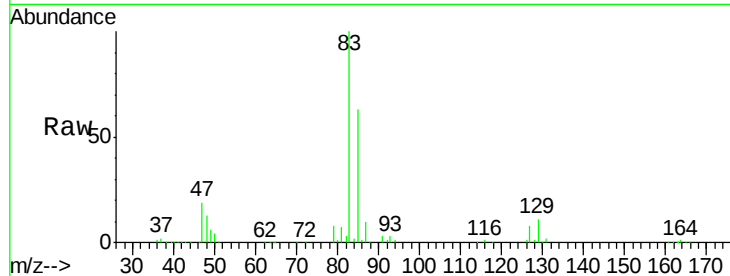
#47
 Bromodichloromethane
 Concen: 52.340 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	182362		
85	63.3	50.6	75.8	
127	8.3	6.7	10.1	

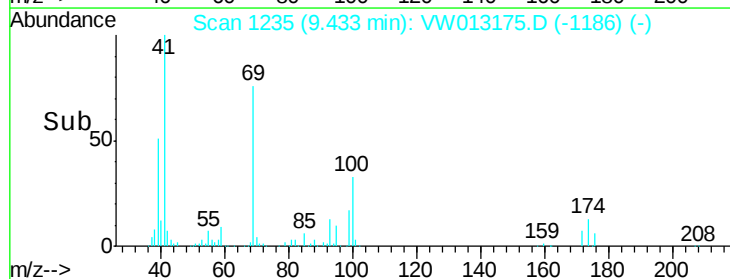
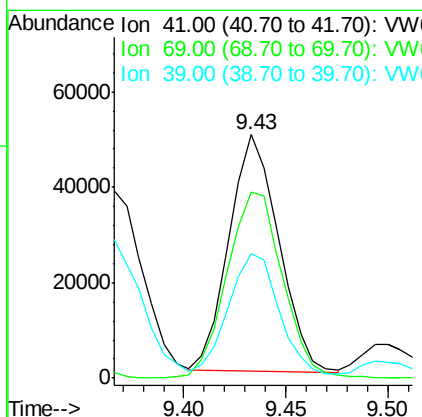
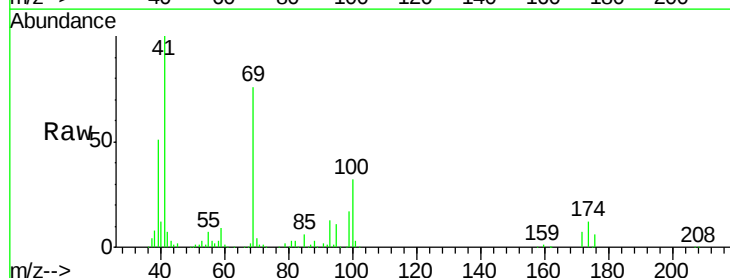
Manual Integrations
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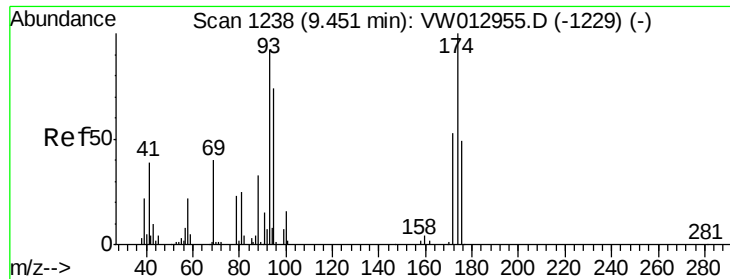
MMDadoda
 9/23/2019 10:46:33 AM



#48
 Methyl methacrylate
 Concen: 50.176 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	83890		
69	88.5	62.8	94.2	
39	55.7	48.5	72.7	





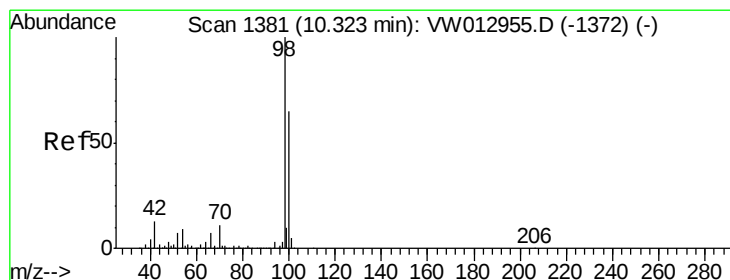
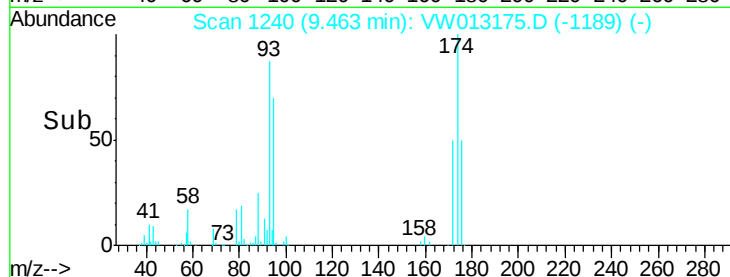
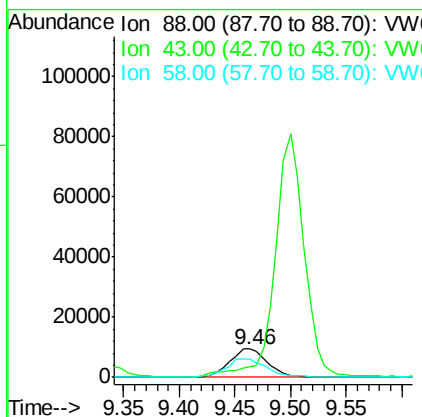
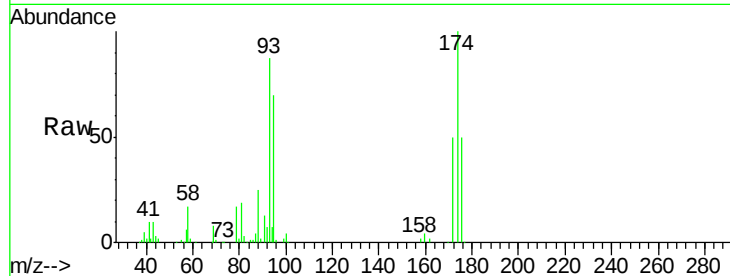
#49
1,4-Dioxane
Concen: 1074.681 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.3	46.9#
58	72.6	60.2	90.2

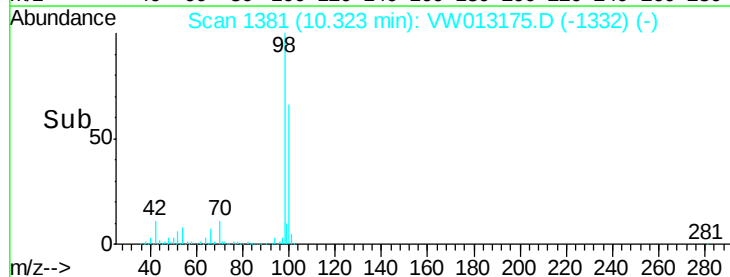
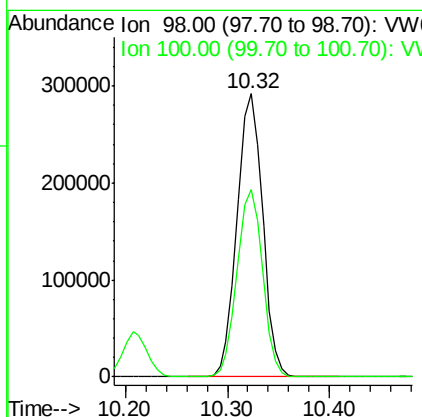
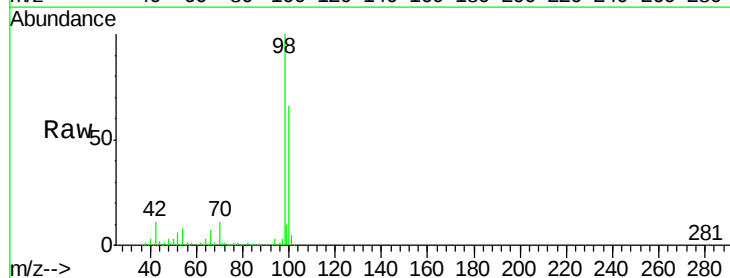
Manual Integrations
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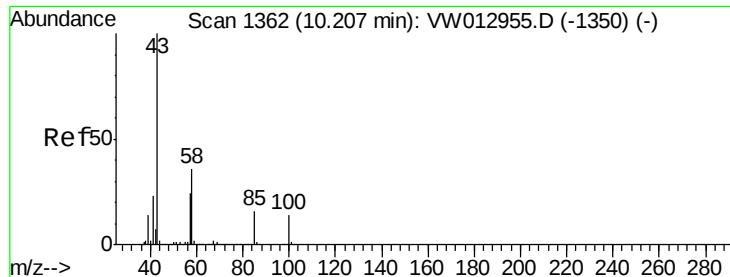
MMDadoda
9/23/2019 10:46:33 AM



#50
Toluene-d8
Concen: 54.696 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 261.590 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 481115

Ion Ratio Lower Upper

43 100

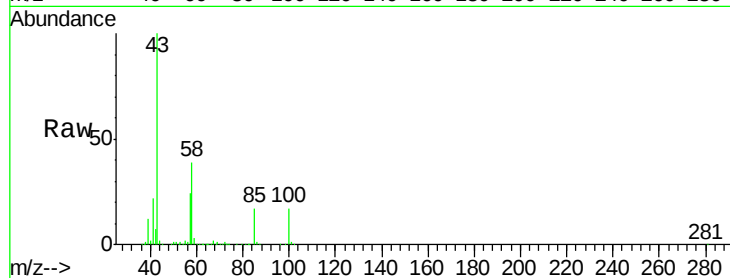
58 39.7 29.5 44.3

Manual Integrations

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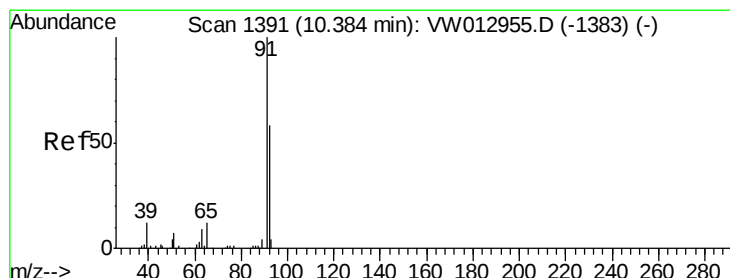
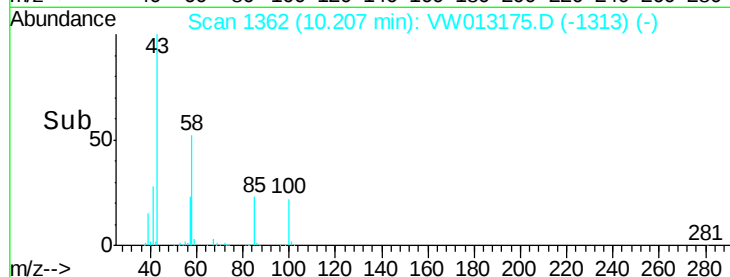
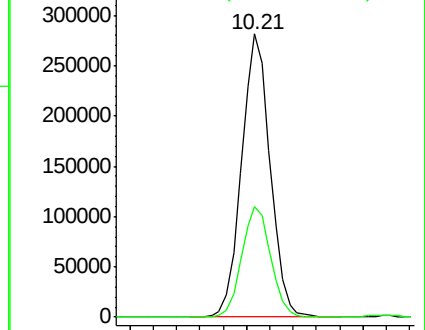
MMDadoda

9/23/2019 10:46:33 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 54.866 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013175.D

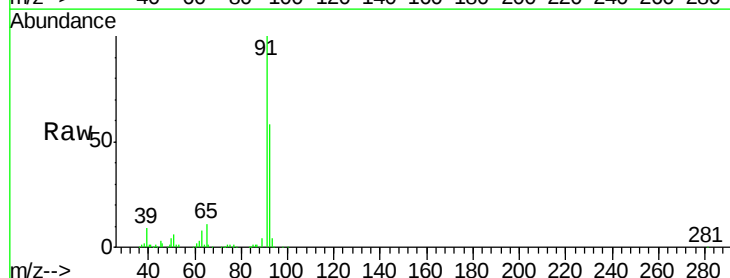
Acq: 19 Sep 2019 21:18

Tgt Ion: 92 Resp: 340215

Ion Ratio Lower Upper

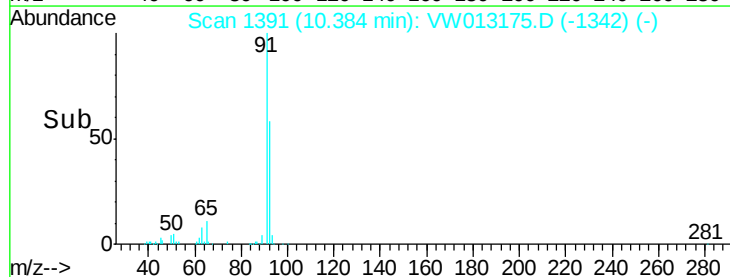
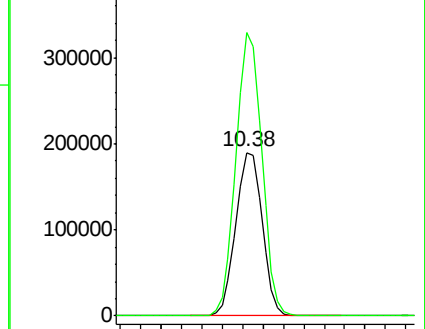
92 100

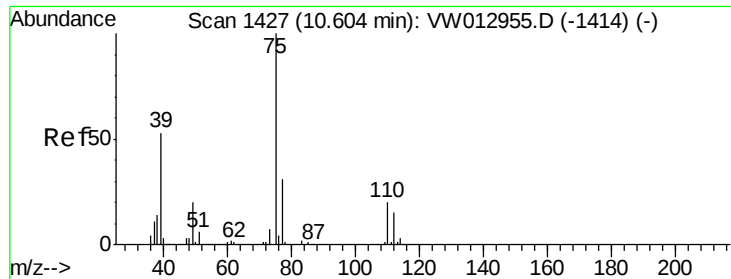
91 169.7 137.5 206.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





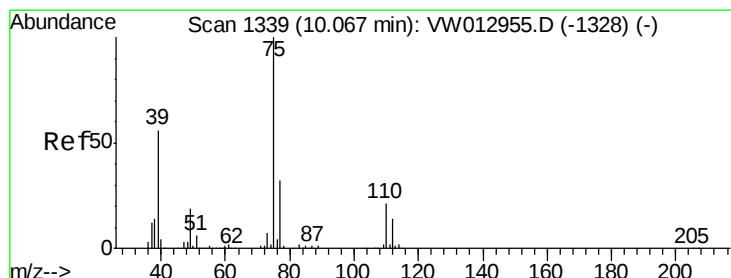
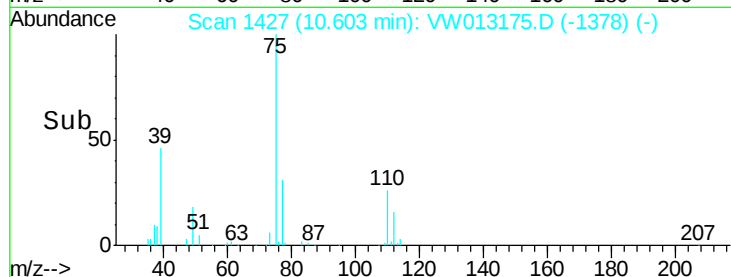
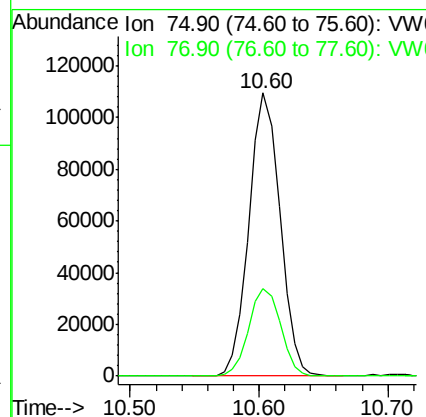
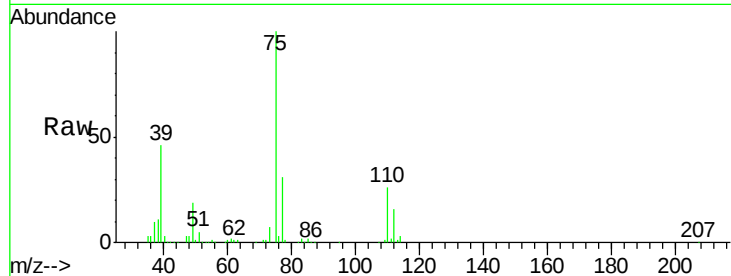
#53
 t-1,3-Dichloropropene
 Concen: 52.108 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 182593
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.6 37.0

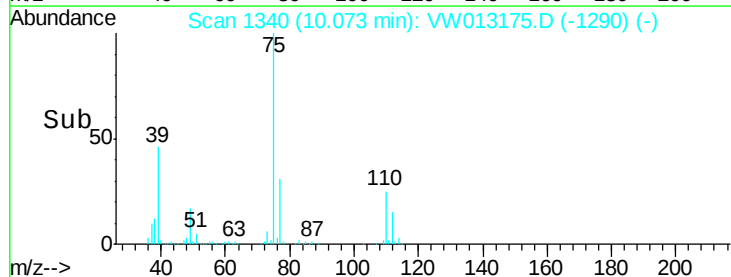
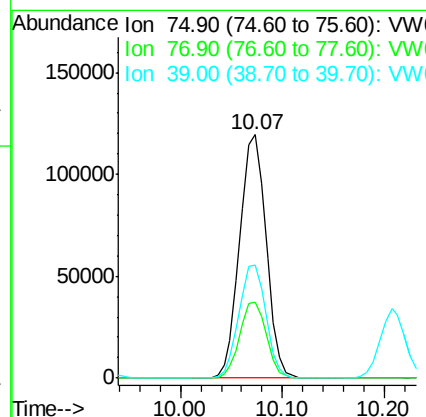
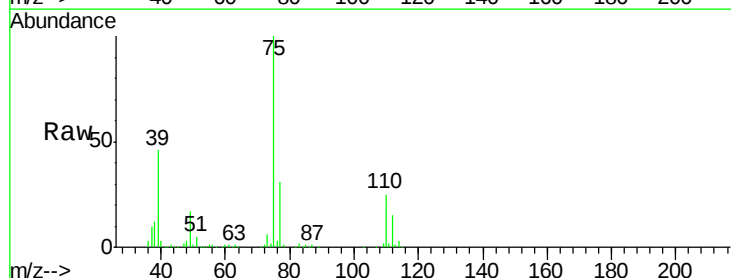
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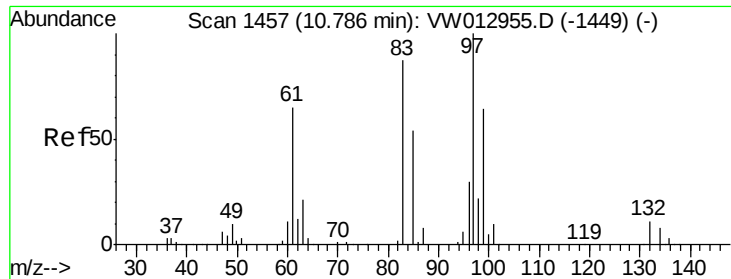
MMDadoda
 9/23/2019 10:46:33 AM



#54
 cis-1,3-Dichloropropene
 Concen: 53.753 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Tgt Ion: 75 Resp: 215516
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3
 39 46.3 45.0 67.6





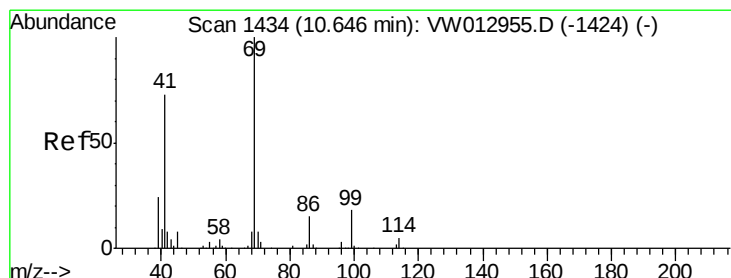
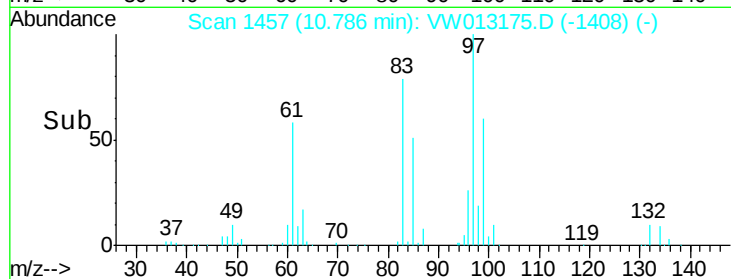
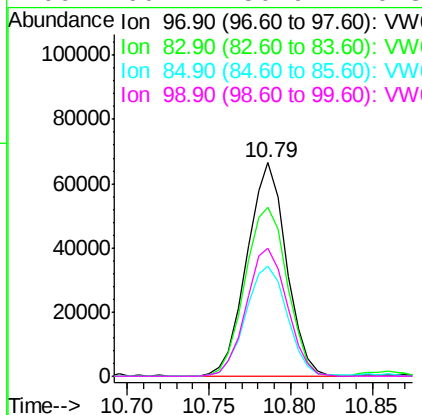
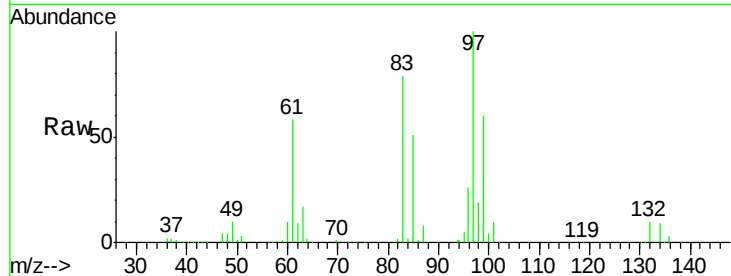
#55
 1,1,2-Trichloroethane
 Concen: 59.309 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Tot Ion:	97	Resp:	112228
Ion	Ratio	Lower	Upper
97	100		
83	79.0	69.4	104.0
85	51.3	43.3	64.9
99	60.2	50.9	76.3

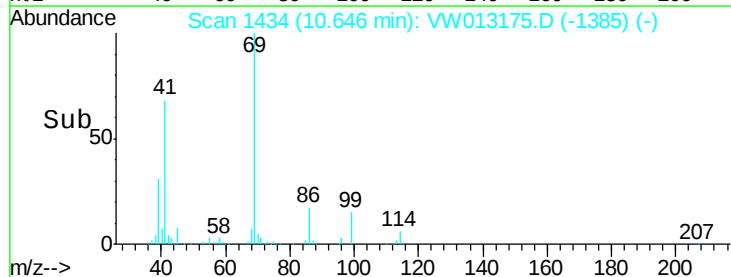
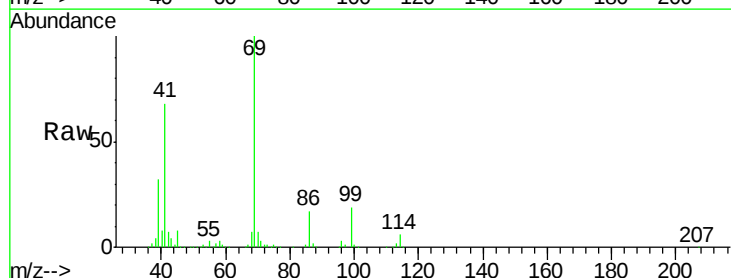
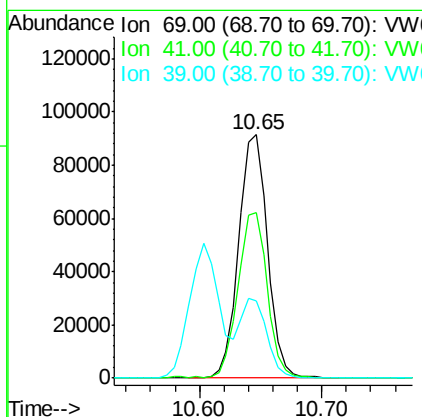
Manual Integrations
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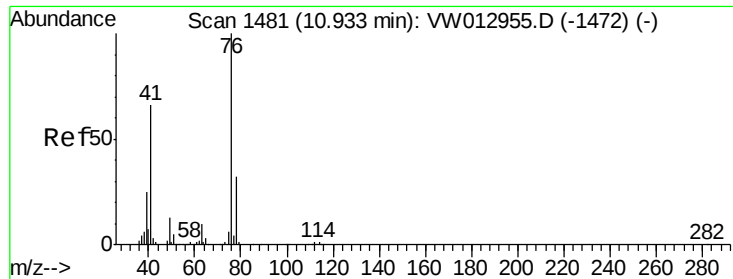
MMDadoda
 9/23/2019 10:46:33 AM



#56
 Ethyl methacrylate
 Concen: 58.769 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Tgt Ion:	69	Resp:	149686
Ion	Ratio	Lower	Upper
69	100		
41	68.6	60.8	91.2
39	29.7	29.4	44.0





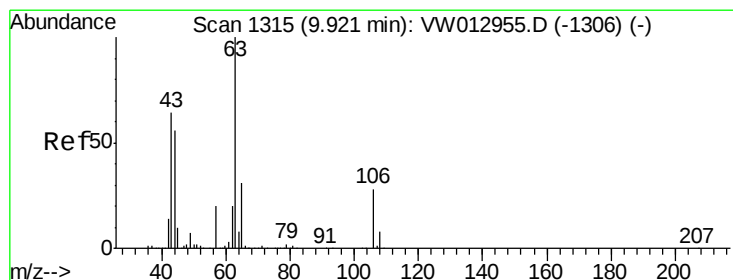
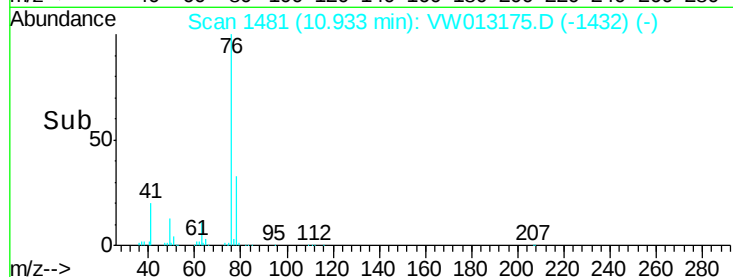
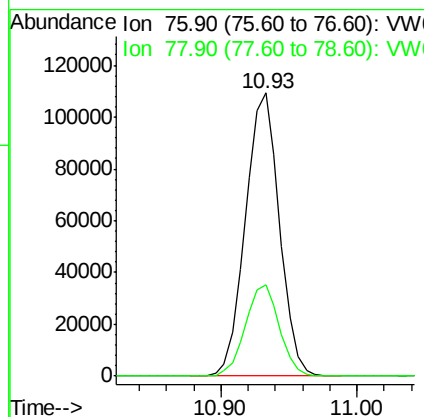
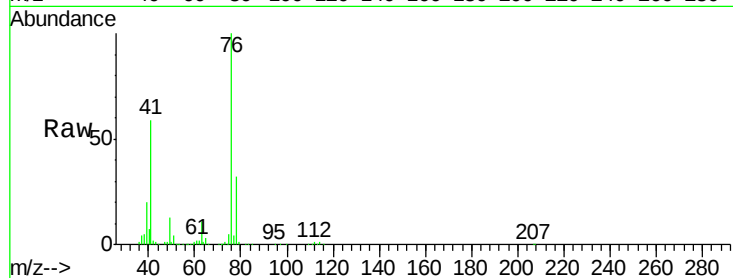
#57
 1,3-Dichloropropane
 Concen: 56.851 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.6	38.4

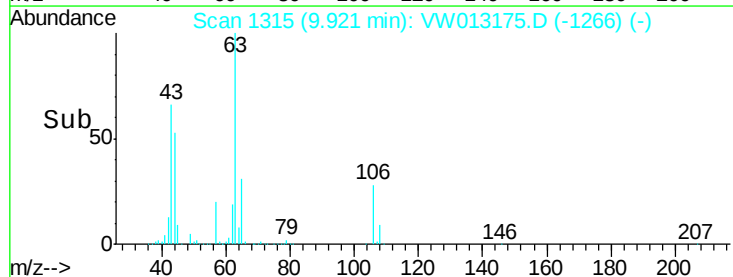
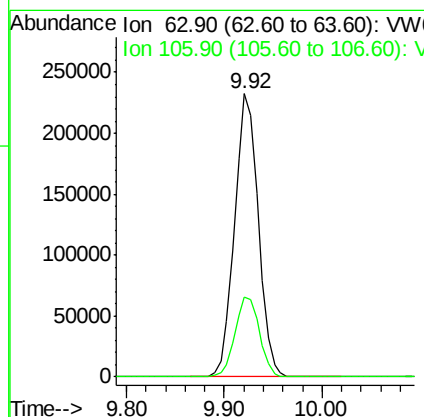
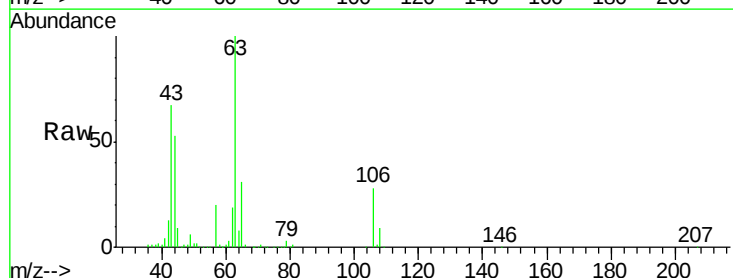
Manual Integrations
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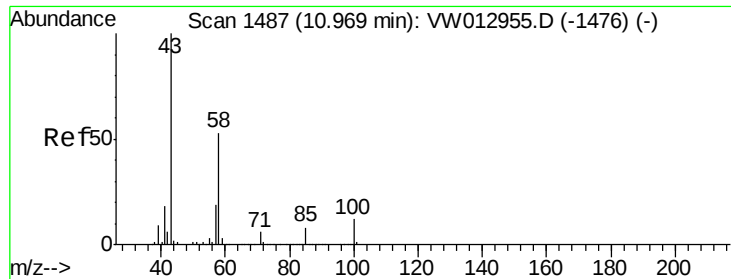
MMDadoda
 9/23/2019 10:46:33 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 287.088 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	22.2	33.2





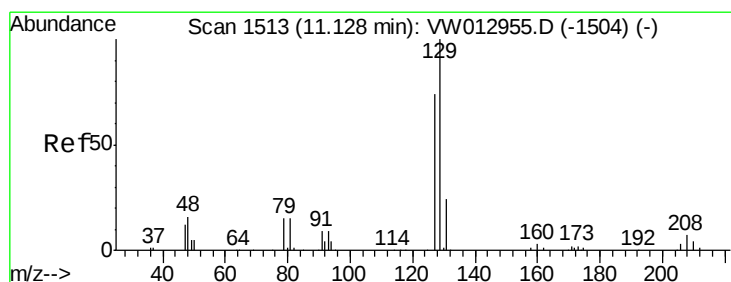
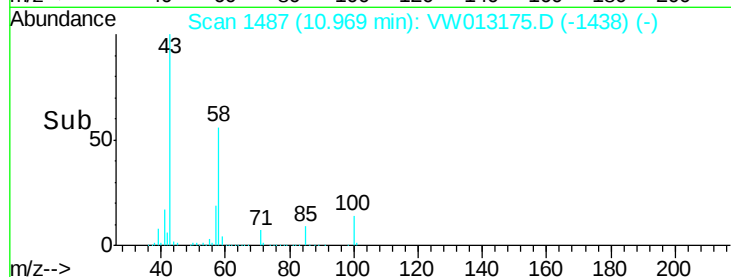
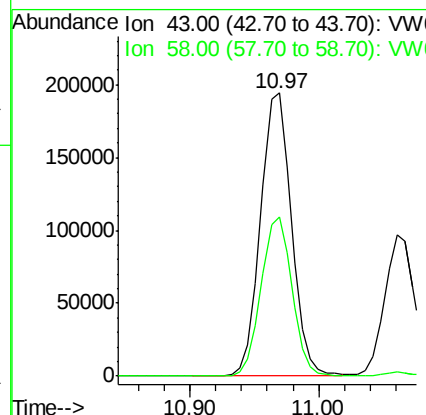
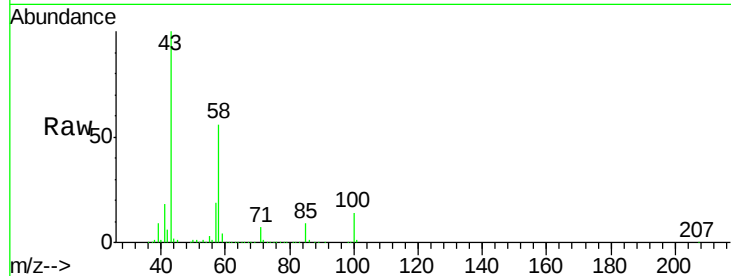
#59
2-Hexanone
Concen: 251.796 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 322463
Ion Ratio Lower Upper
43 100
58 56.3 25.8 77.3

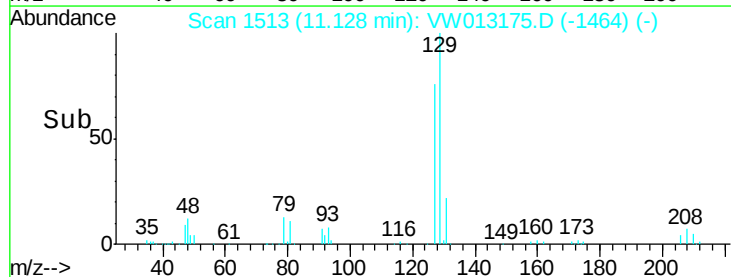
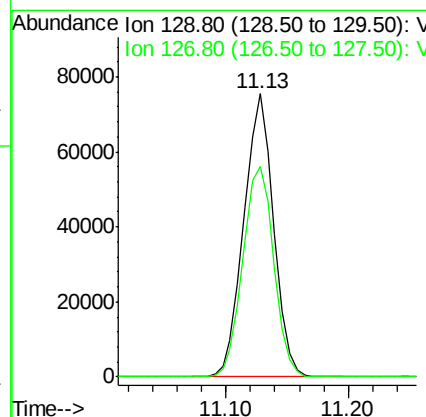
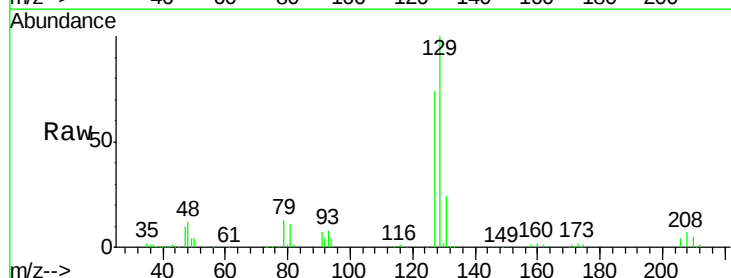
Manual Integrations
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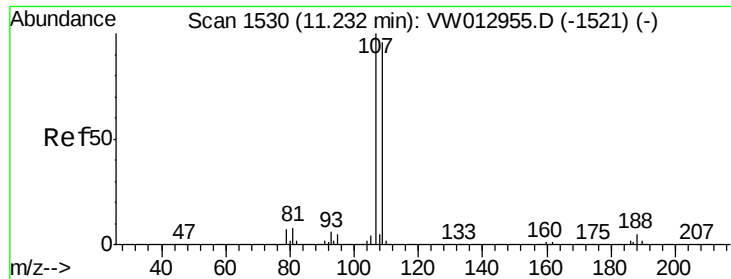
MMDadoda
9/23/2019 10:46:33 AM



#60
Dibromochloromethane
Concen: 55.485 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Tgt Ion: 129 Resp: 126935
Ion Ratio Lower Upper
129 100
127 77.5 37.4 112.2





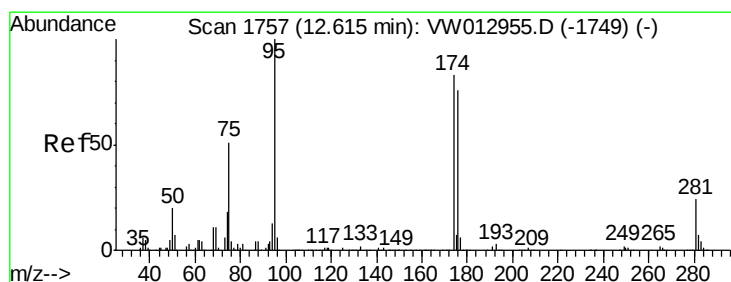
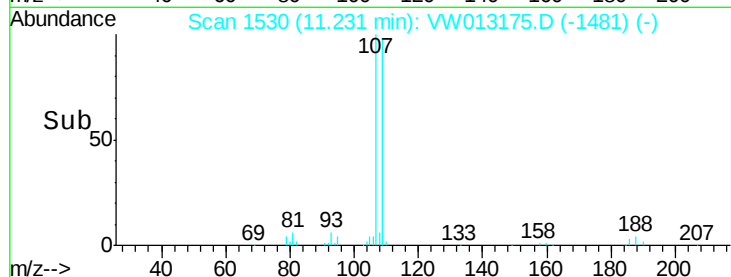
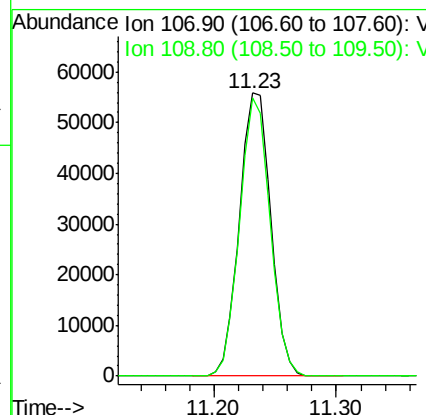
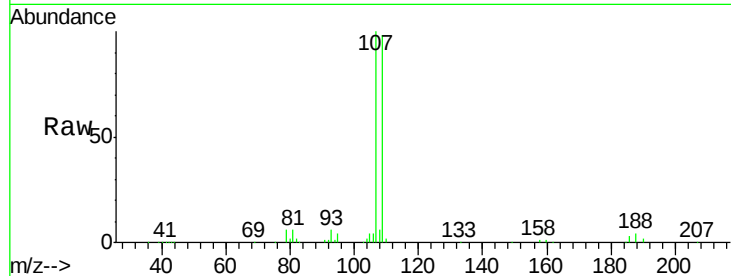
#61
 1,2-Dibromoethane
 Concen: 57.509 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.0	112.6

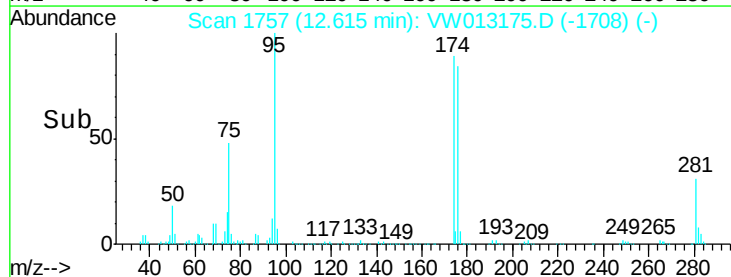
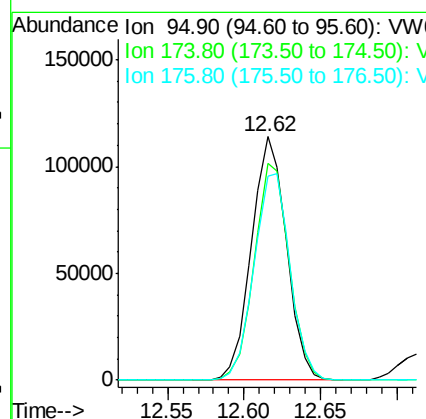
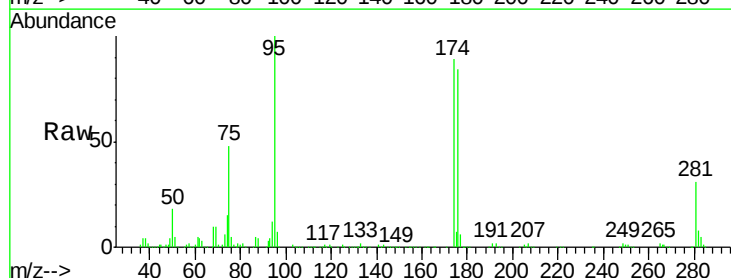
Manual Integrations
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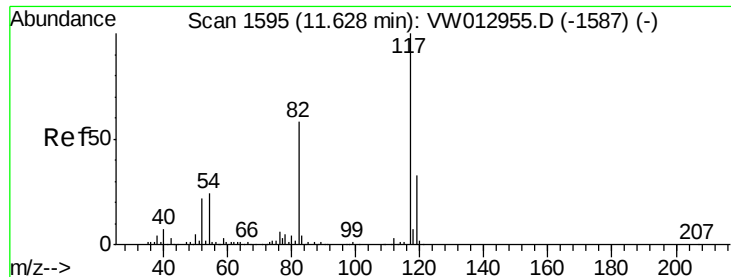
MMDadoda
 9/23/2019 10:46:33 AM



#62
 4-Bromofluorobenzene
 Concen: 54.323 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	170.4
176	87.6	0.0	164.6





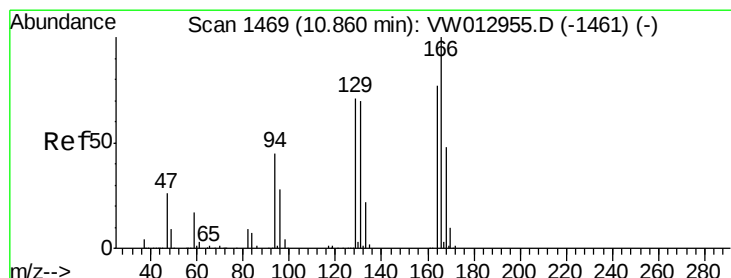
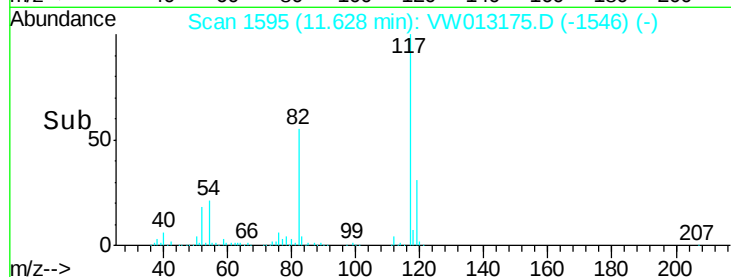
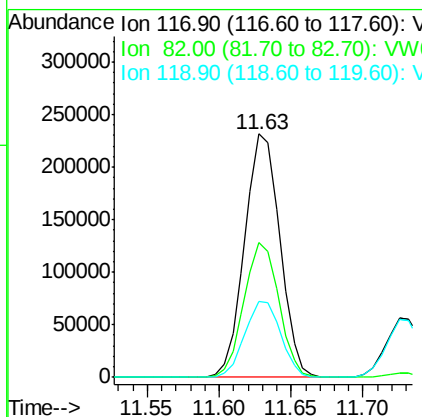
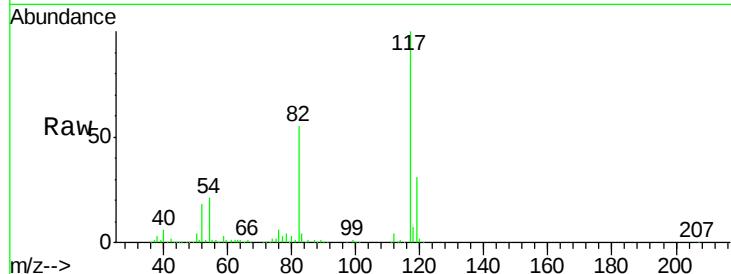
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	393282		
82	55.5	46.3	69.5	
119	30.9	26.2	39.4	

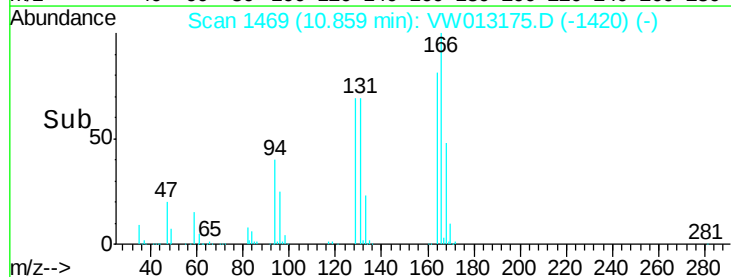
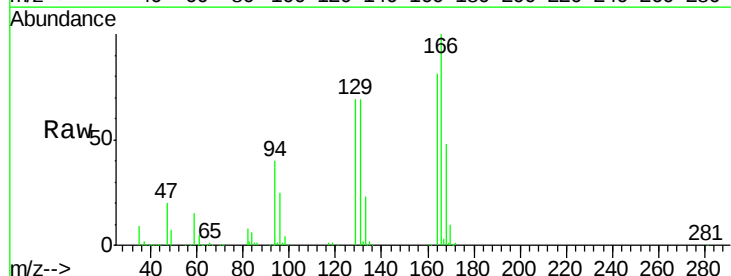
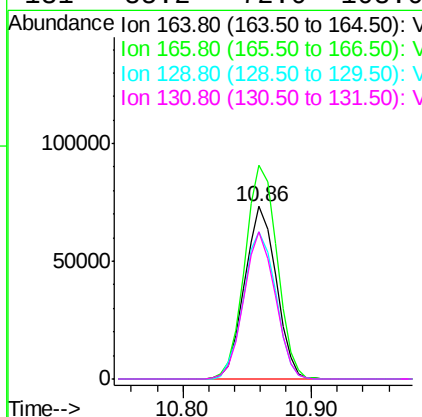
Manual Integrations
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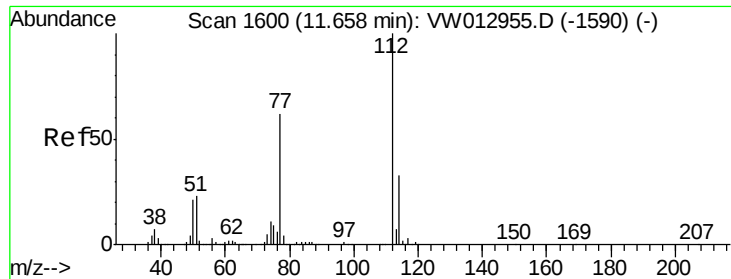
MMDadoda
9/23/2019 10:46:33 AM



#64
Tetrachloroethene
Concen: 53.054 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	124127		
166	123.8	103.3	154.9	
129	85.0	73.8	110.8	
131	85.2	72.0	108.0	





#65

Chlorobenzene

Concen: 54.441 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 381375

Ion Ratio Lower Upper

112 100

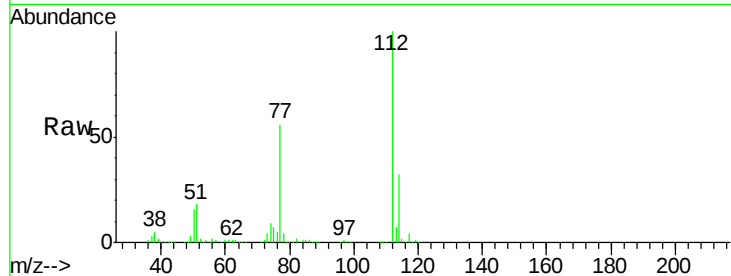
114 32.3 26.4 39.6

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

100000

50000

0

11.66

11.67

11.68

11.69

11.70

11.71

11.72

11.73

11.74

11.75

11.76

11.77

11.78

11.79

11.80

11.81

11.82

11.83

11.84

11.85

11.86

11.87

11.88

11.89

11.90

11.91

11.92

11.93

11.94

11.95

11.96

11.97

11.98

11.99

12.00

12.01

12.02

12.03

12.04

12.05

12.06

12.07

12.08

12.09

12.10

12.11

12.12

12.13

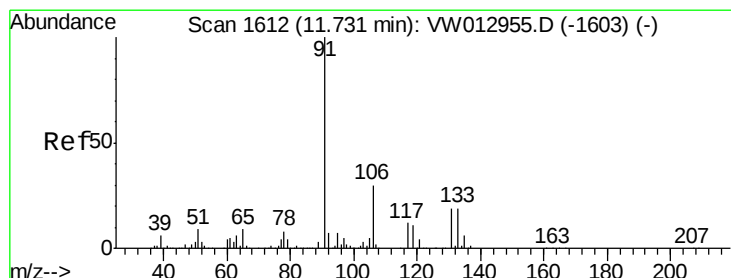
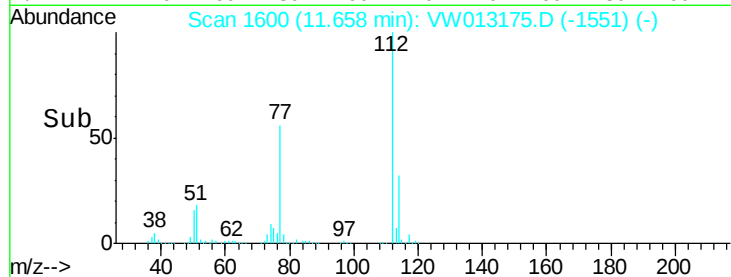
12.14

12.15

12.16

12.17

12.18



#66

1,1,1,2-Tetrachloroethane

Concen: 53.183 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

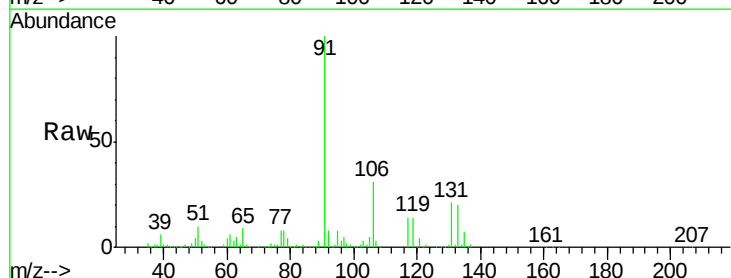
Tgt Ion:131 Resp: 142772

Ion Ratio Lower Upper

131 100

133 96.2 47.9 143.8

119 66.1 30.9 92.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

60000

40000

20000

0

11.73

11.74

11.75

11.76

11.77

11.78

11.79

11.80

11.81

11.82

11.83

11.84

11.85

11.86

11.87

11.88

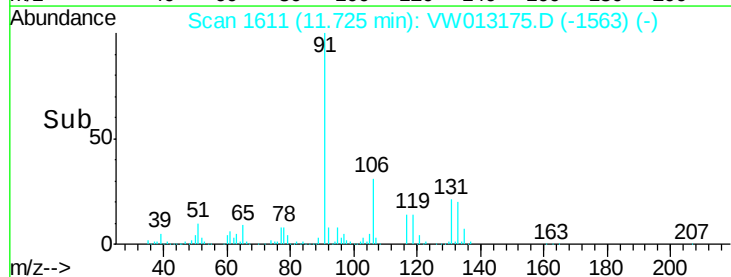
11.89

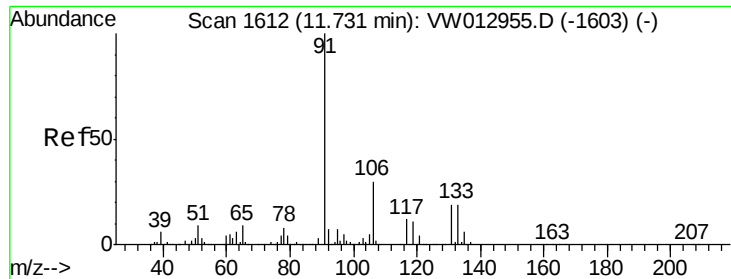
11.90

11.91

11.92

11.93





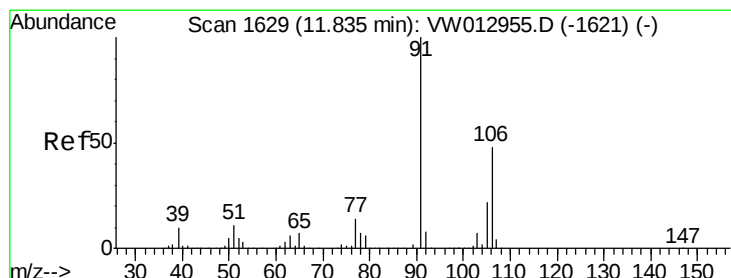
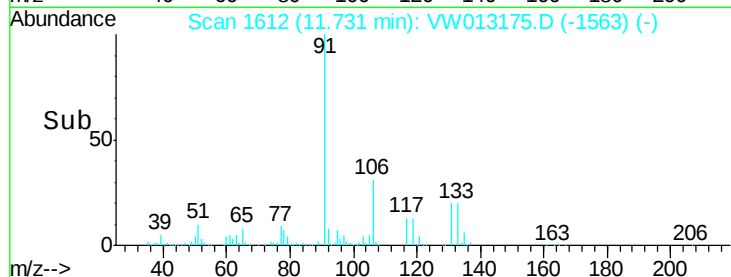
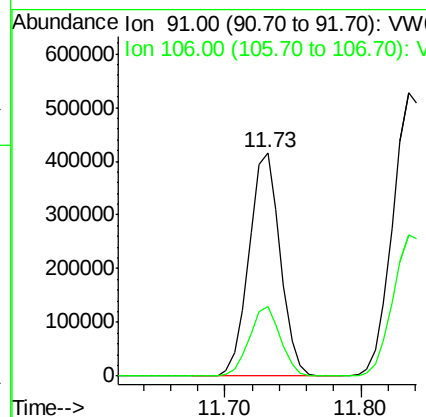
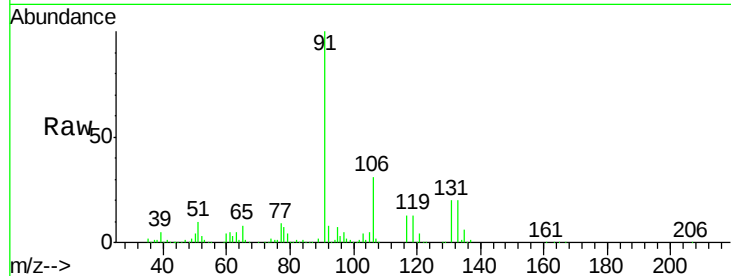
#67
Ethyl Benzene
Concen: 51.589 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 667454
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5

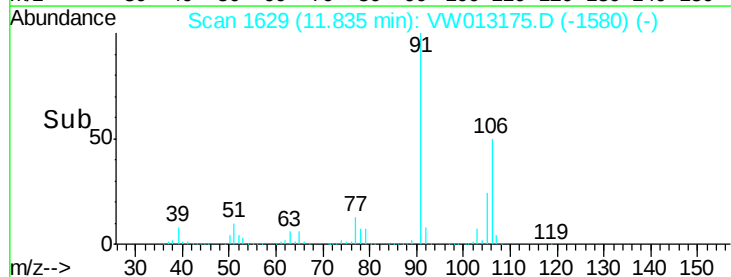
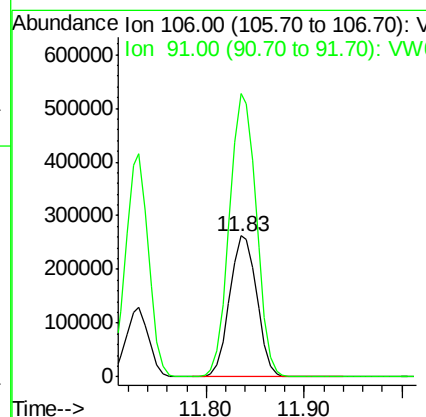
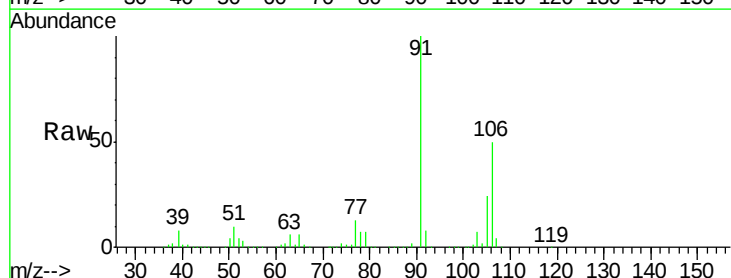
Manual Integrations
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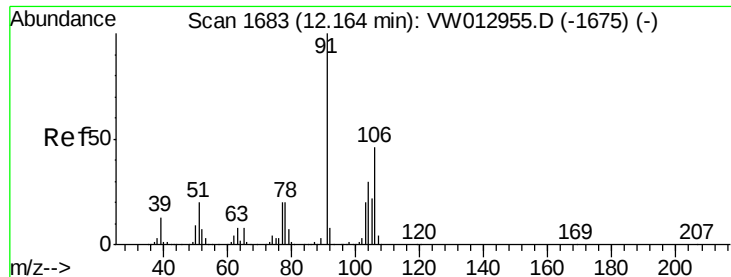
MMDadoda
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#68
m/p-Xylenes
Concen: 107.086 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Tgt Ion: 106 Resp: 506127
Ion Ratio Lower Upper
106 100
91 198.7 165.8 248.8





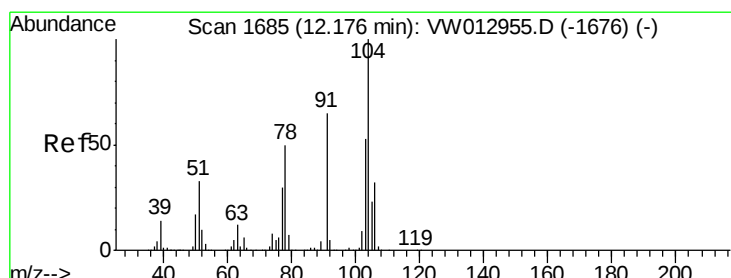
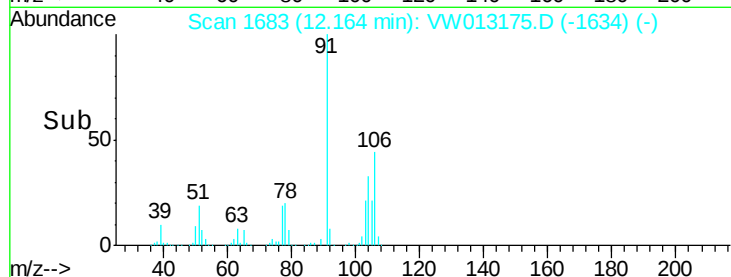
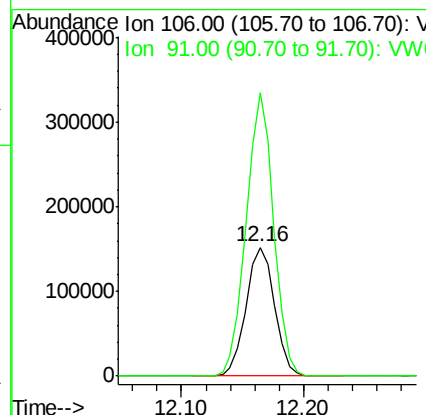
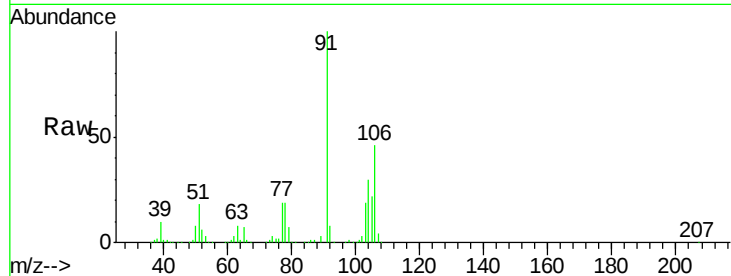
#69
o-Xylene
Concen: 55.603 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 246379
Ion Ratio Lower Upper
106 100
91 211.2 109.7 329.0

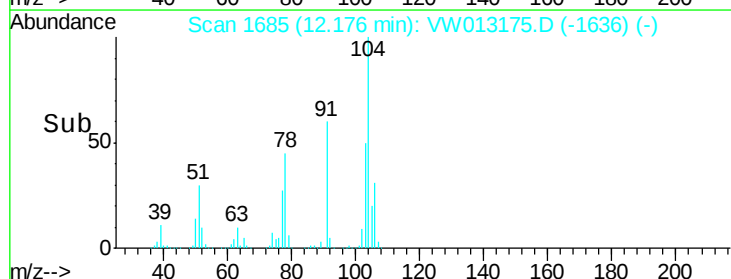
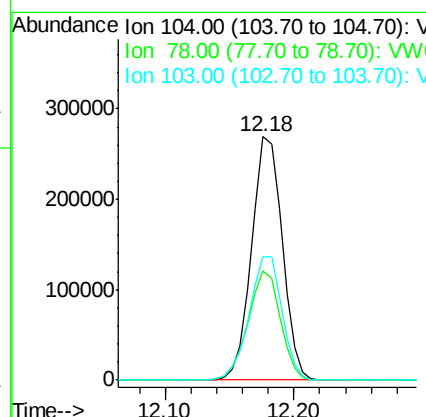
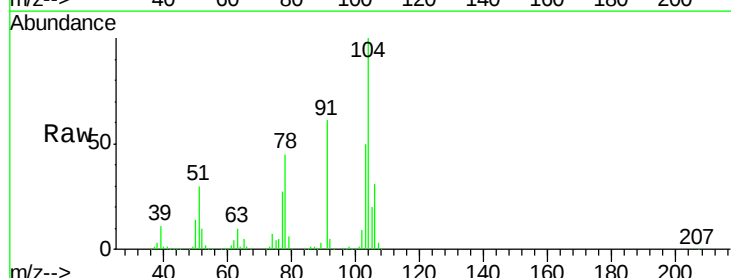
Manual Integrations
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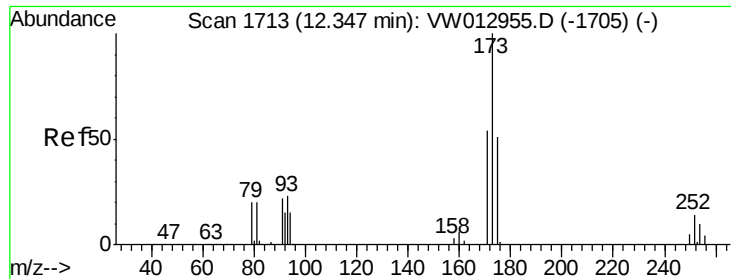
MMDadoda
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#70
Styrene
Concen: 56.110 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Tgt Ion:104 Resp: 442279
Ion Ratio Lower Upper
104 100
78 47.4 42.1 63.1
103 54.4 44.2 66.4





#71

Bromoform

Concen: 55.599 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Instrument :

MSVOA_W

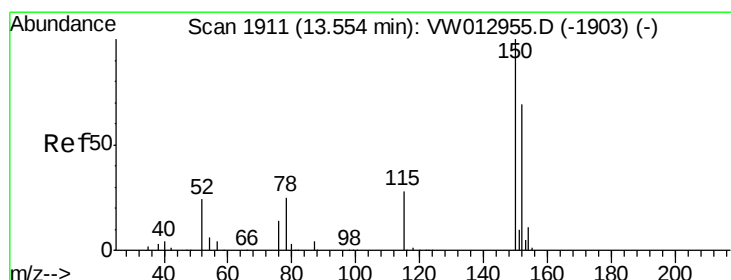
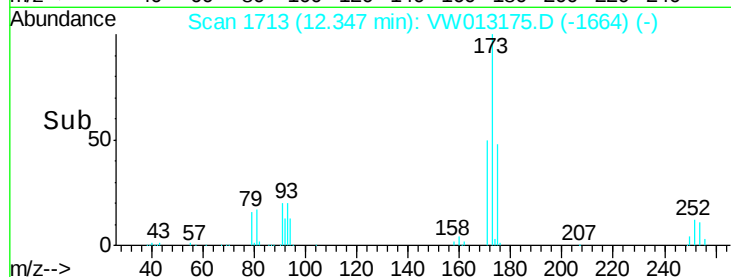
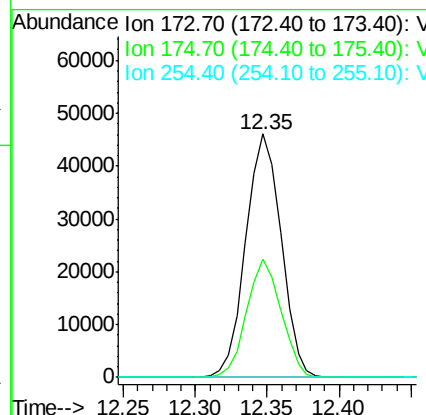
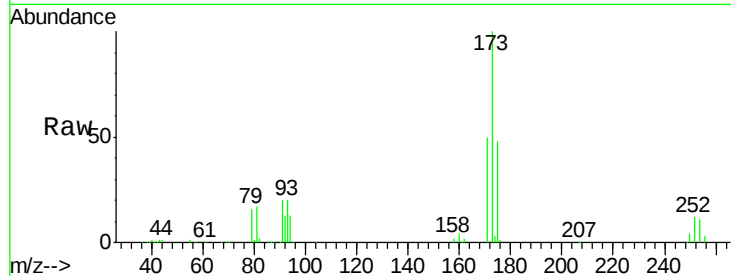
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.1	24.2	72.6
254	0.1	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

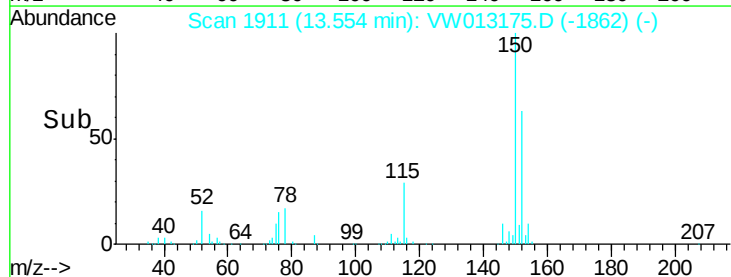
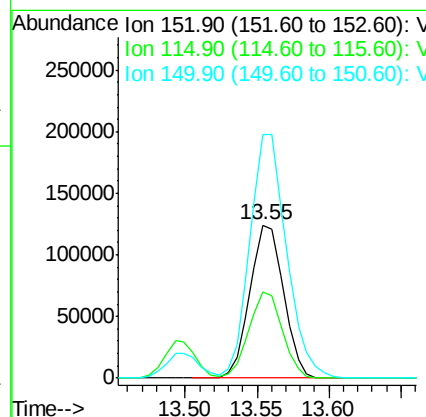
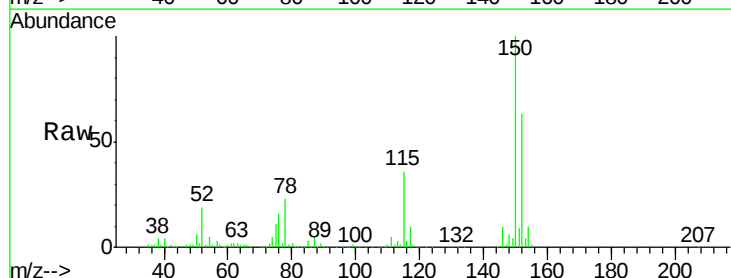
RT: 13.55 min Scan# 1911

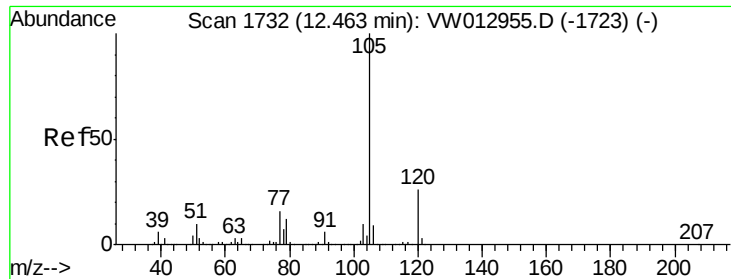
Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.8	86.4
150	173.8	0.0	340.2





#73

Isopropylbenzene

Concen: 50.900 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 677778

Ion Ratio Lower Upper

105 100

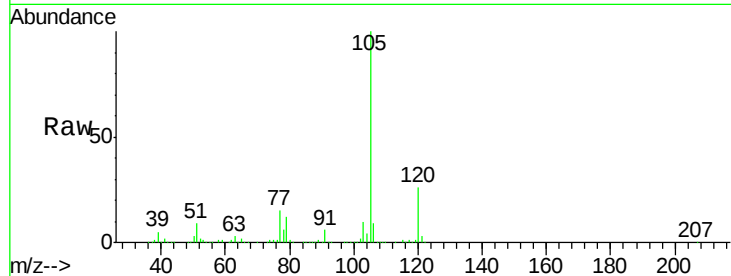
120 26.4 13.0 39.0

Manual Integrations

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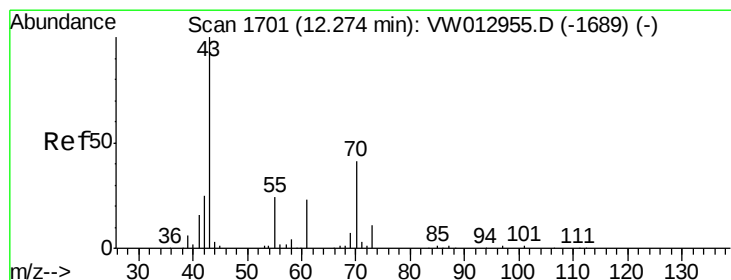
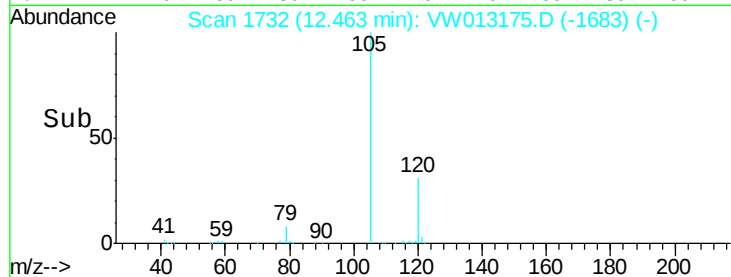
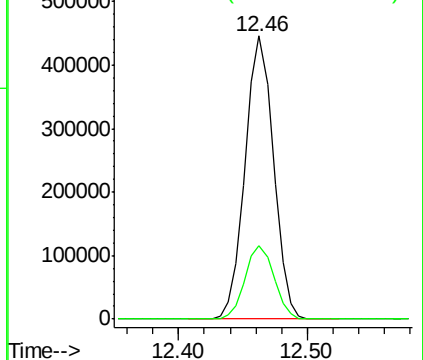
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.144 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Tgt Ion: 43 Resp: 171762

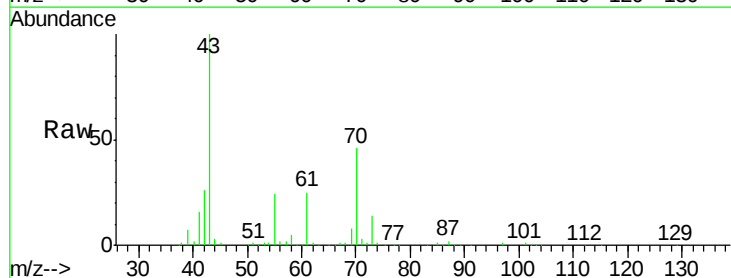
Ion Ratio Lower Upper

43 100

70 44.3 31.7 47.5

55 25.0 19.4 29.2

61 25.1 18.7 28.1

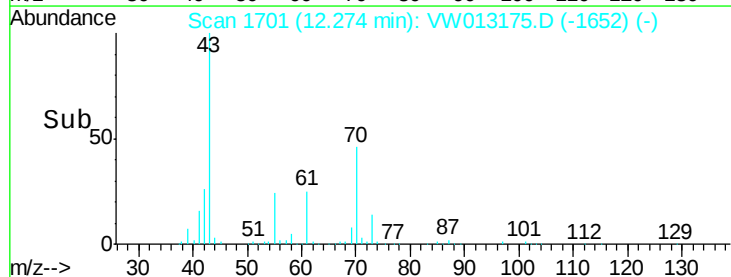
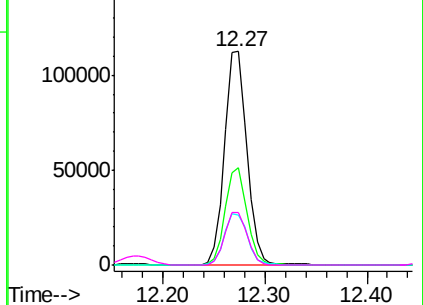


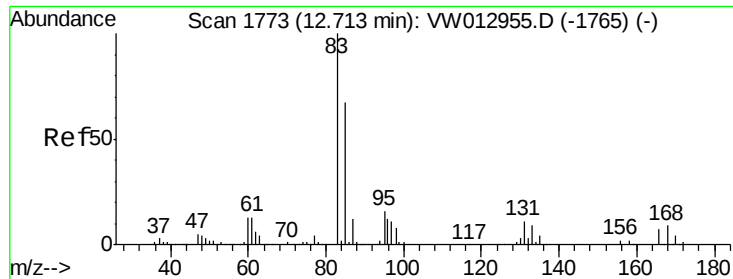
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 56.889 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Instrument :

MSVOA_W

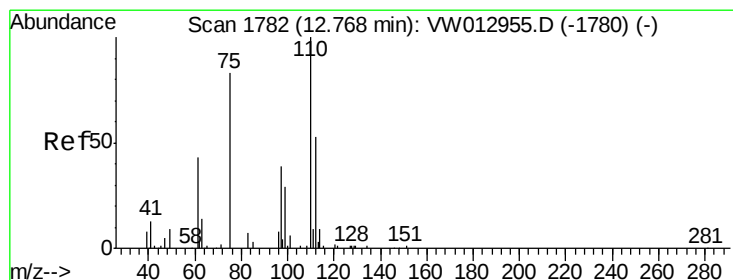
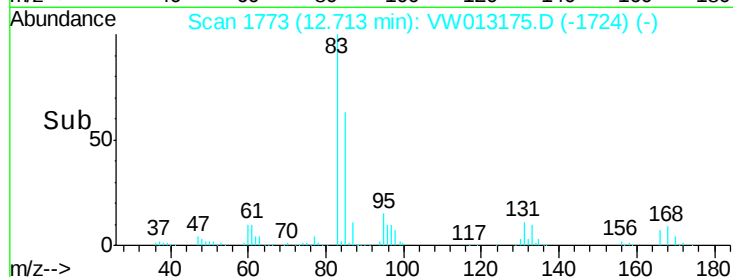
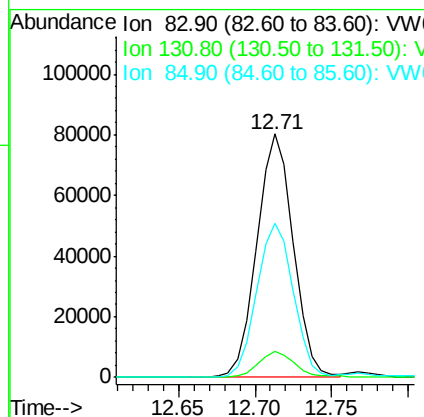
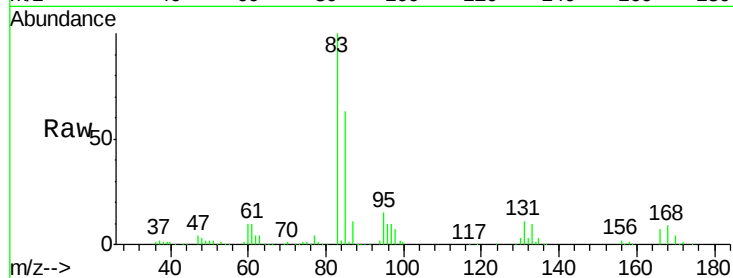
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	133050
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.1
85	63.3	31.4	94.3

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#76

1,2,3-Trichloropropane

Concen: 57.454 ug/l m

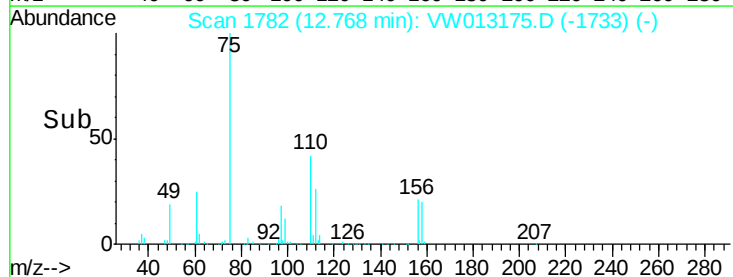
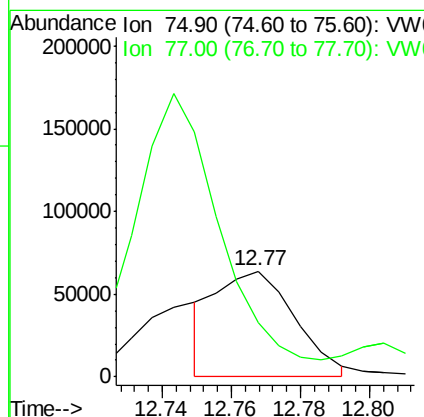
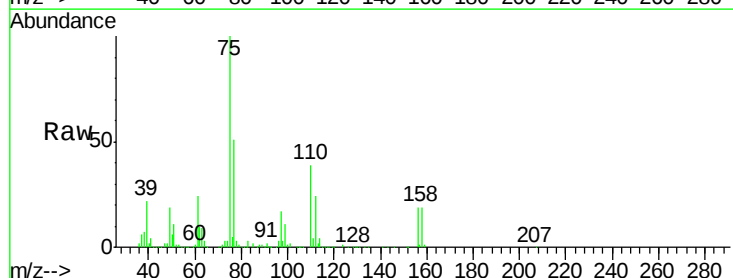
RT: 12.77 min Scan# 1782

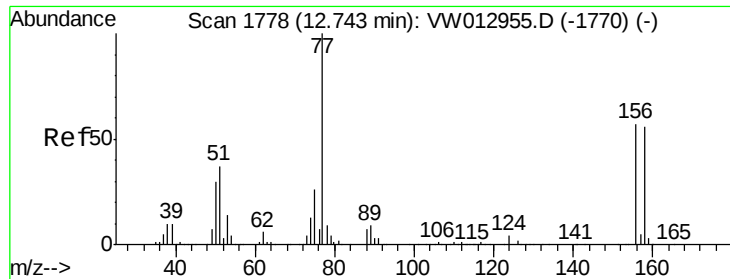
Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Tgt Ion:	75	Resp:	101101
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.946 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Instrument :

MSVOA_W

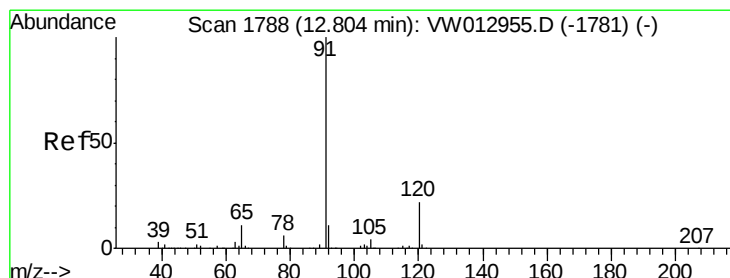
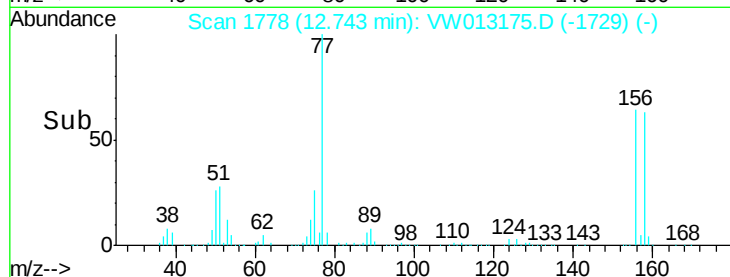
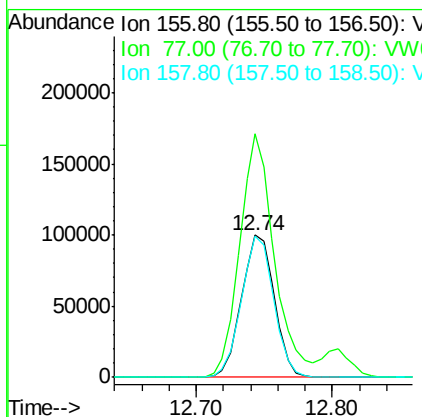
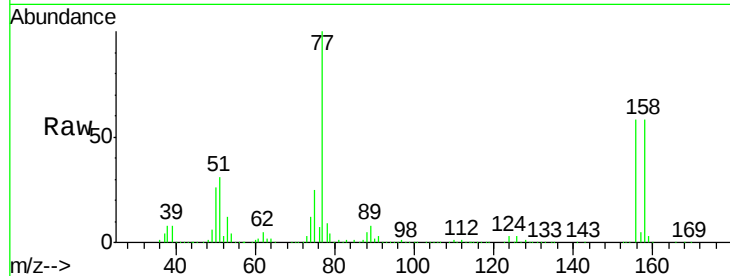
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	168555
Ion Ratio	Lower	Upper	
156	100		
77	180.2	95.2	285.6
158	97.9	49.0	147.2

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#78

n-propylbenzene

Concen: 50.289 ug/l

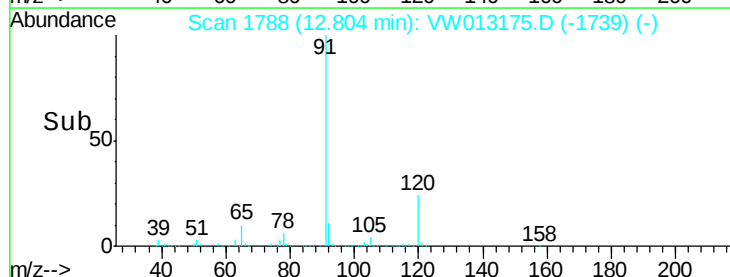
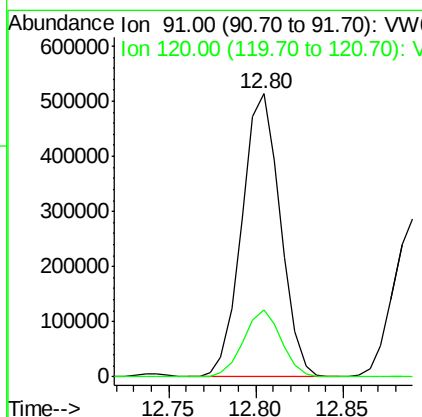
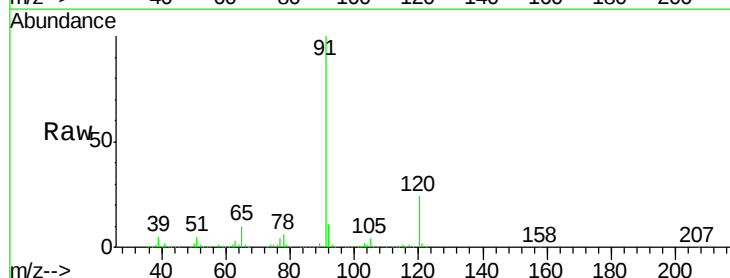
RT: 12.80 min Scan# 1788

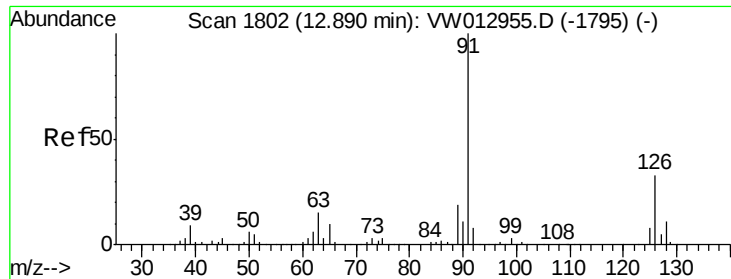
Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Tgt Ion:	91	Resp:	787706
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.2	33.5





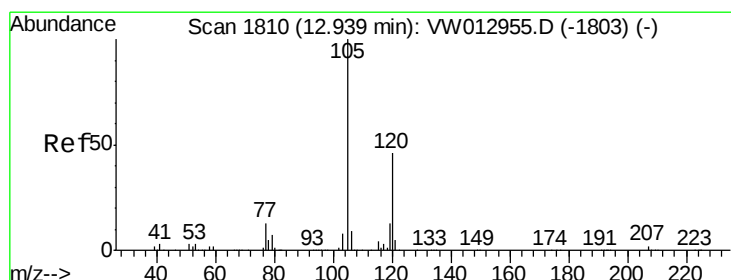
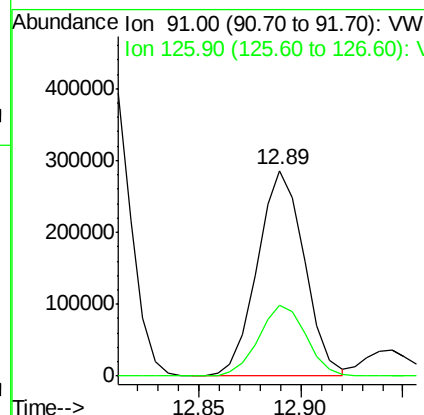
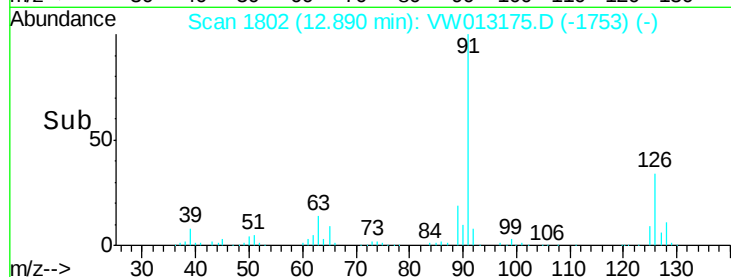
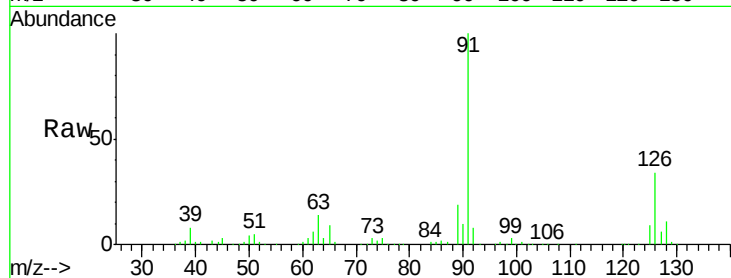
#79
 2-Chlorotoluene
 Concen: 50.728 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 456767
 Ion Ratio Lower Upper
 91 100
 126 34.8 16.5 49.5

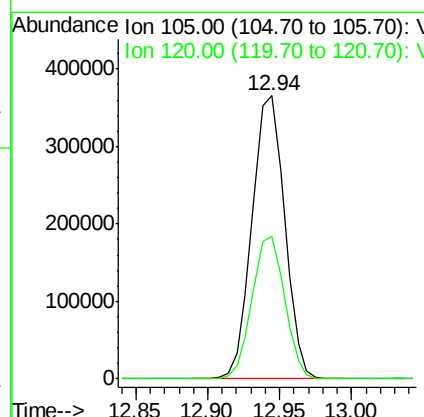
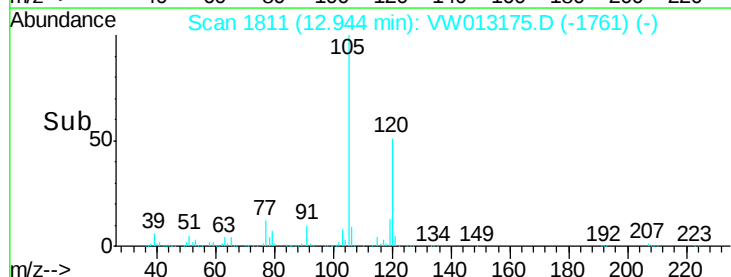
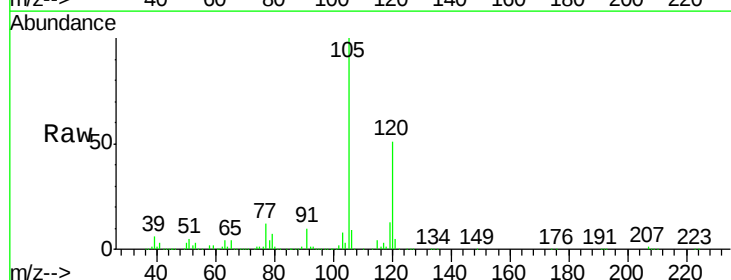
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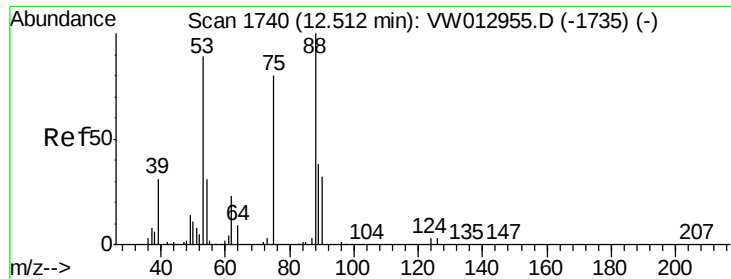
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.723 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Tgt Ion: 105 Resp: 571408
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.2 72.6





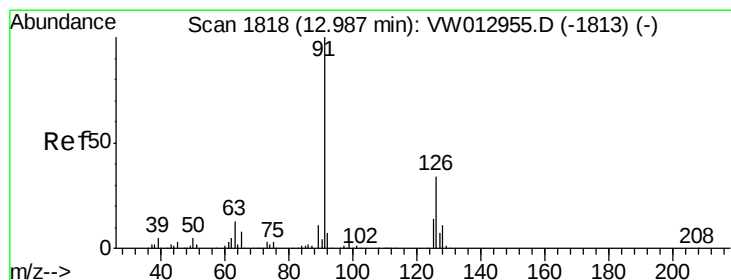
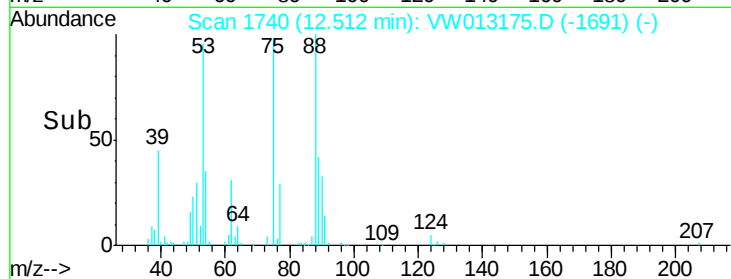
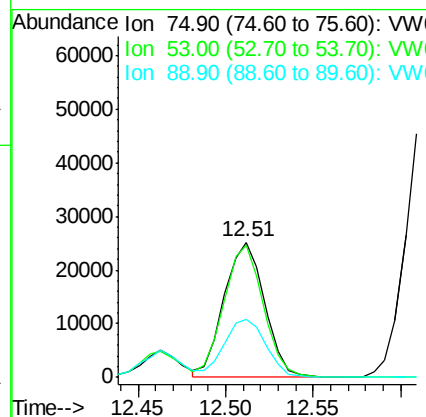
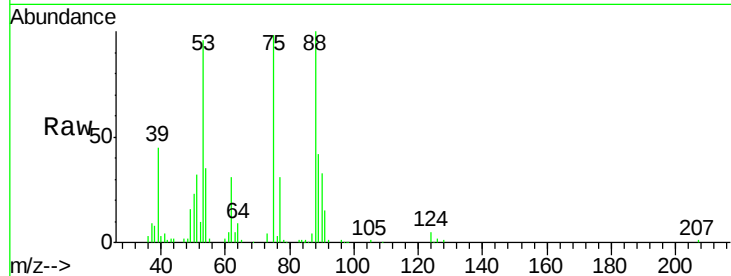
#81
trans-1,4-Dichloro-2-butene
Concen: 51.809 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.6	85.6	128.4
89	44.7	37.2	55.8

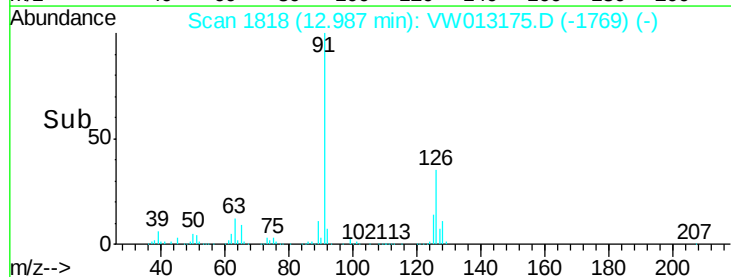
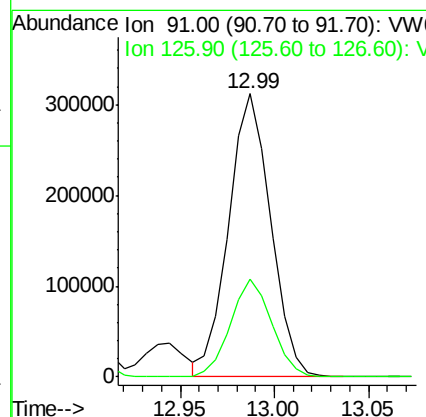
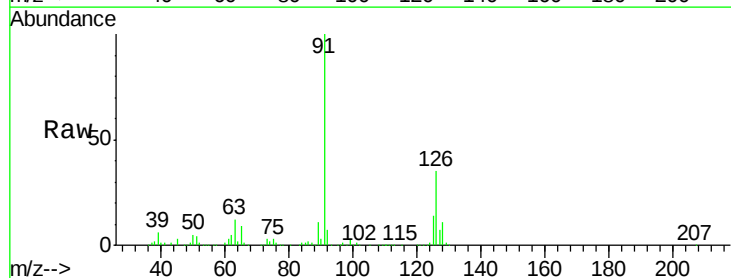
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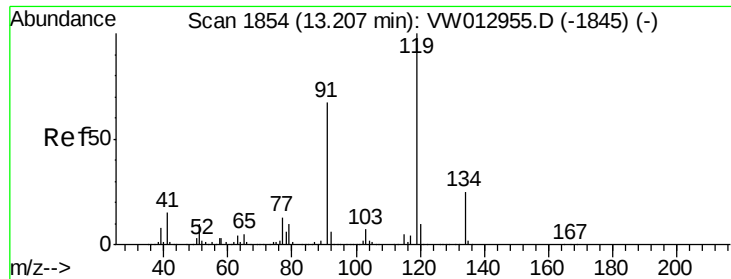
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#82
4-Chlorotoluene
Concen: 50.612 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.1	48.3





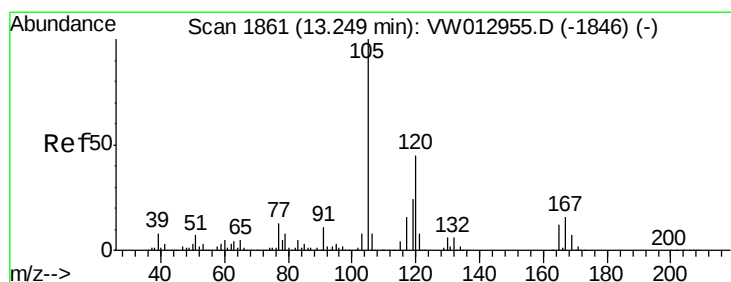
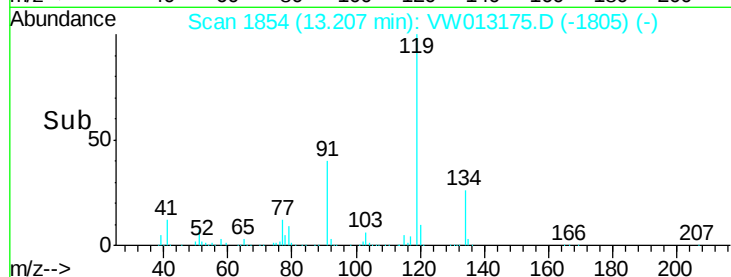
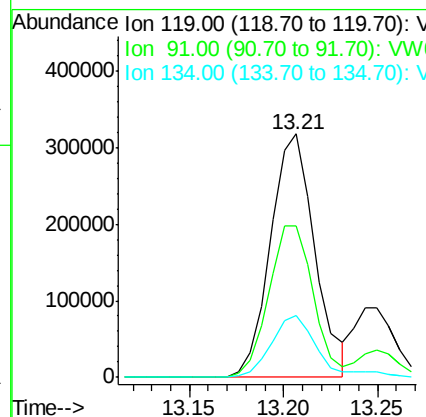
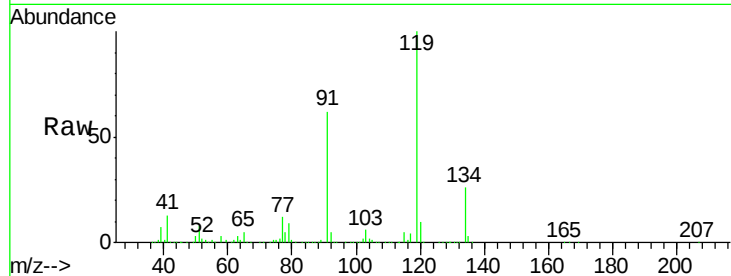
#83
tert-Butylbenzene
Concen: 51.485 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	32.6	98.0
134	26.6	12.4	37.4

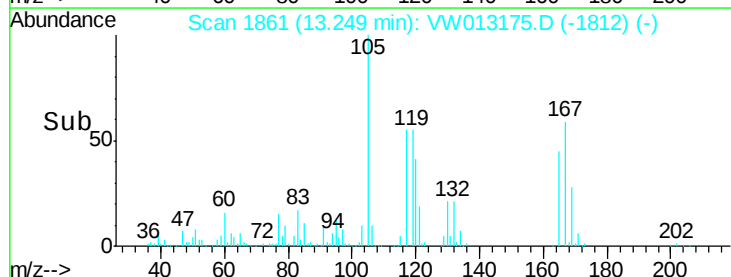
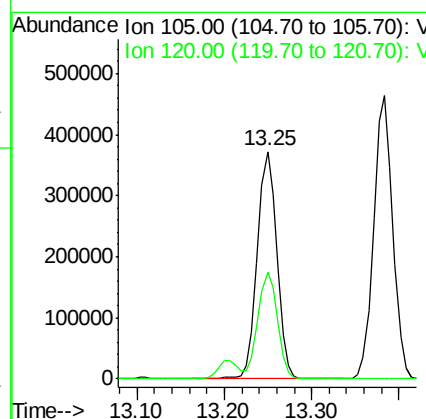
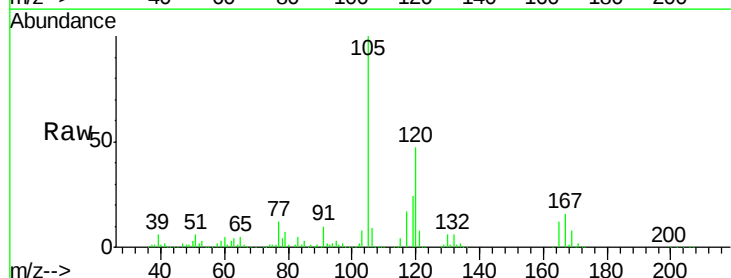
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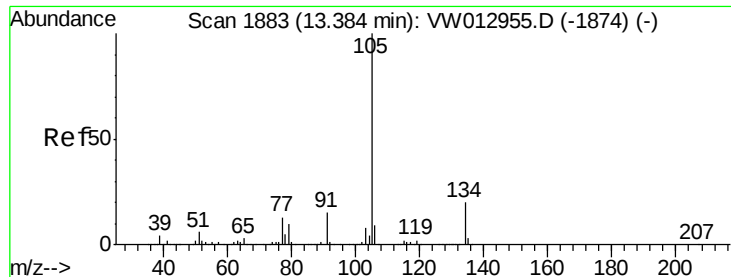
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#84
1,2,4-Trimethylbenzene
Concen: 51.689 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	21.9	65.7





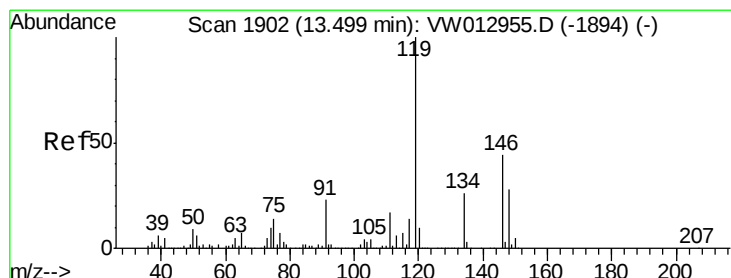
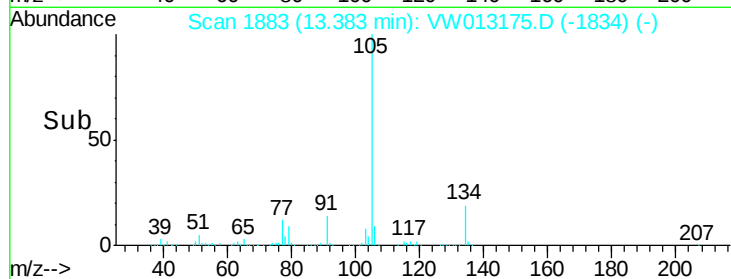
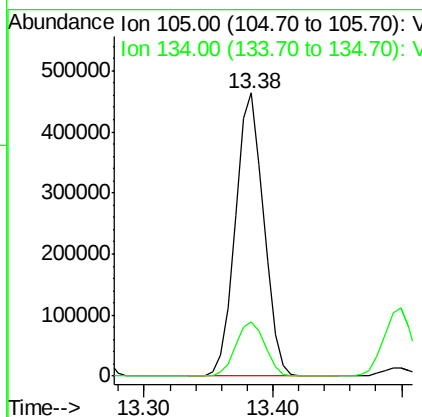
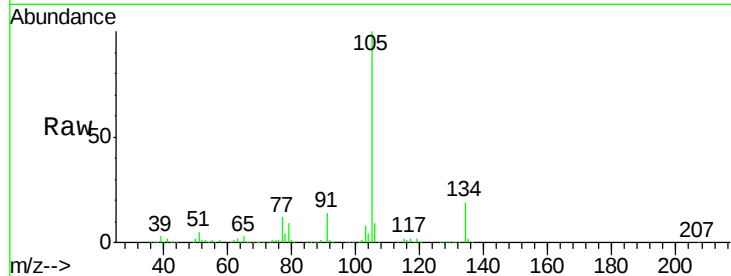
#85
 sec-Butylbenzene
 Concen: 51.295 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.2	30.4

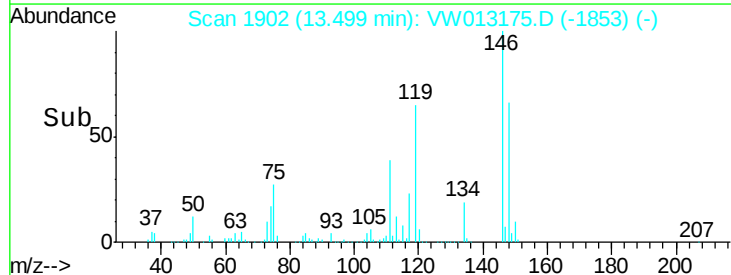
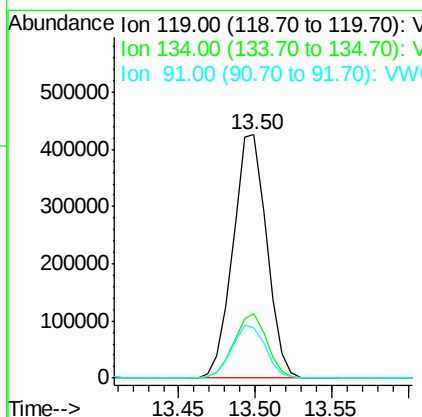
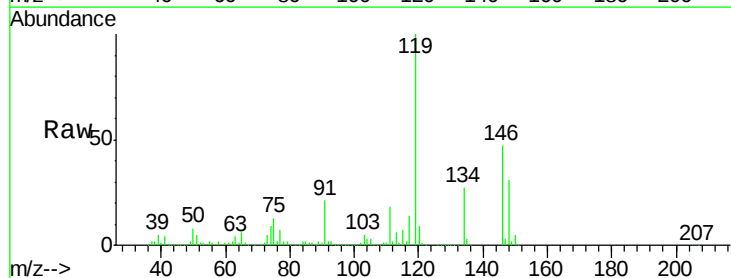
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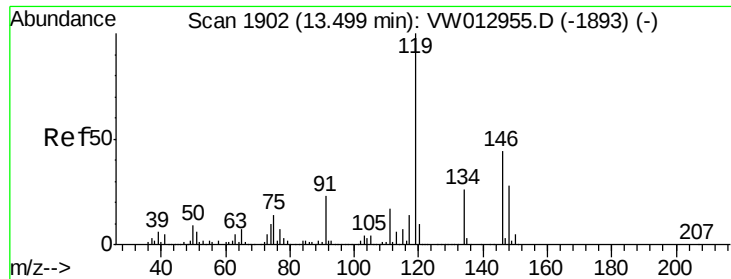
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#86
 p-Isopropyltoluene
 Concen: 51.465 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.8	38.3
91	21.7	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 53.472 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

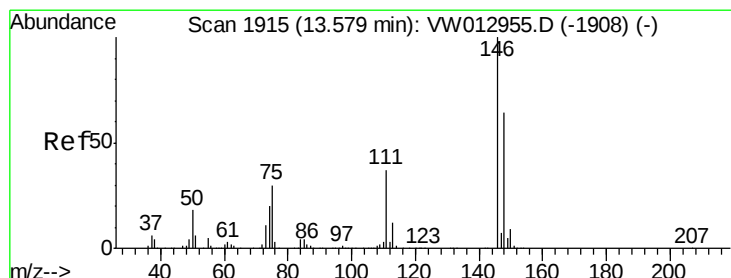
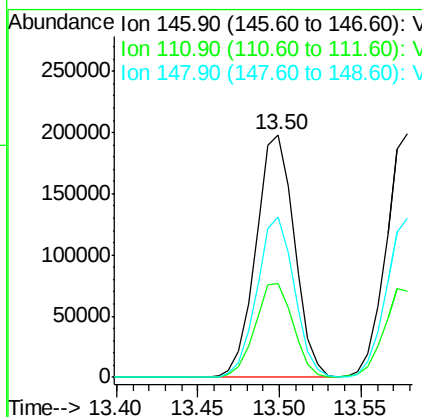
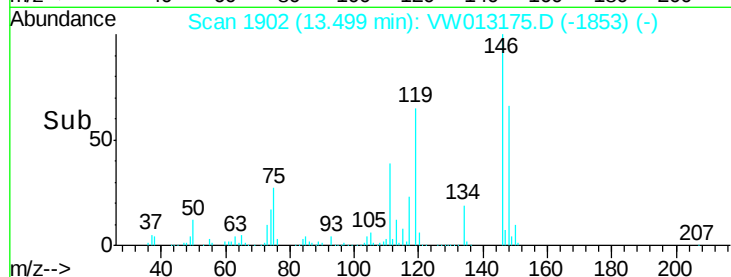
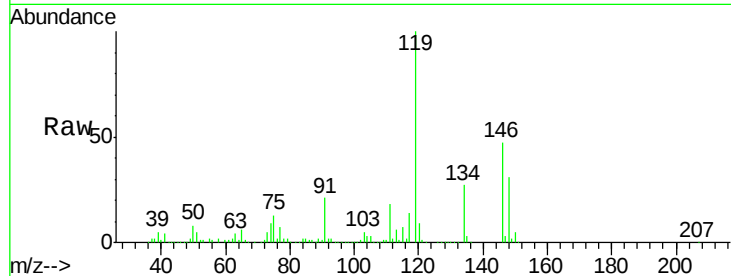
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.8	59.4
148	64.6	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 53.723 ug/l

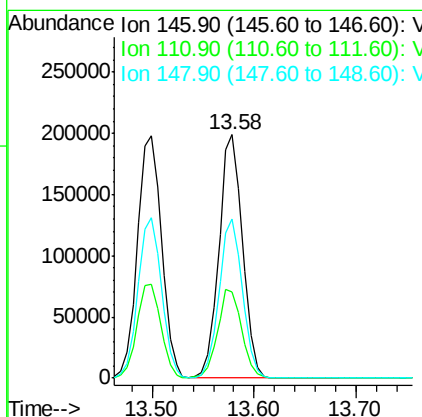
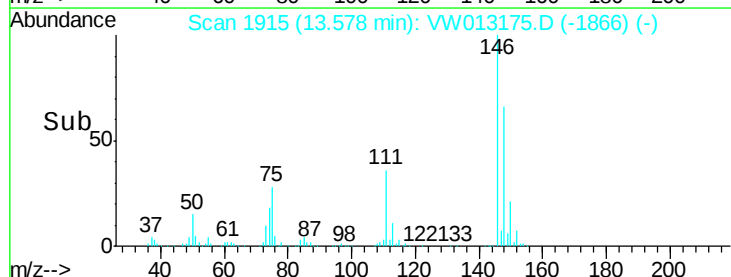
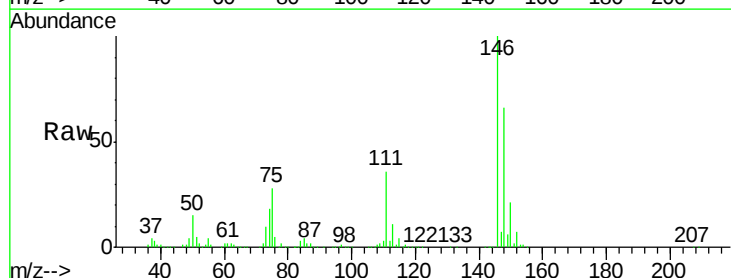
RT: 13.58 min Scan# 1915

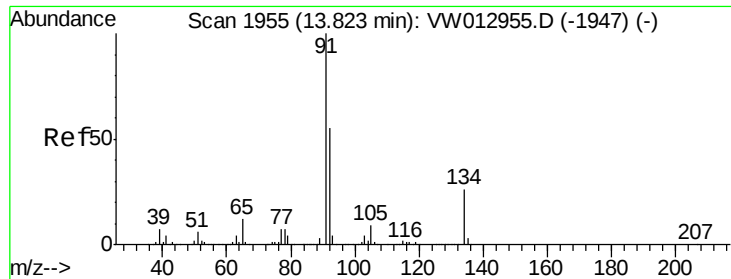
Delta R.T. -0.00 min

Lab File: VW013175.D

Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.4	58.2
148	64.9	31.9	95.5





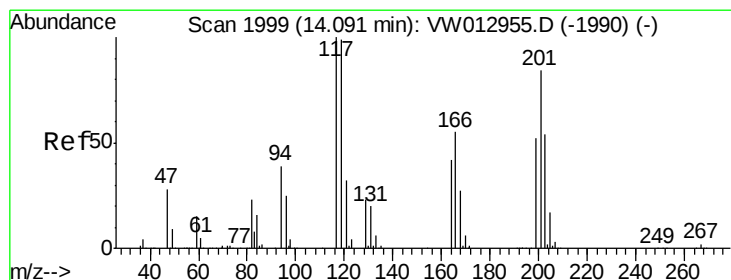
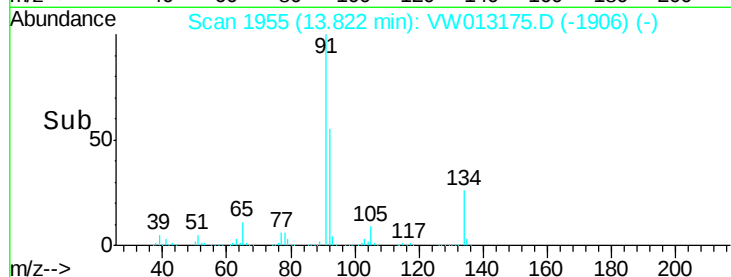
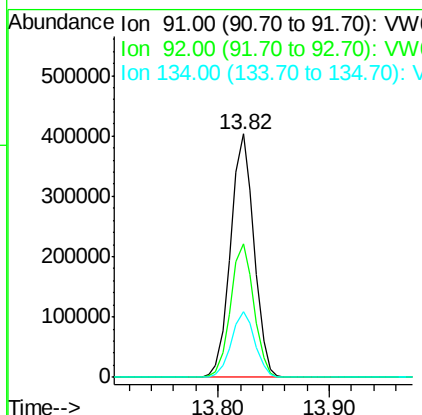
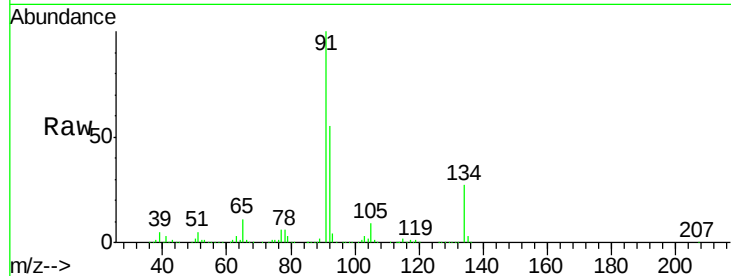
#89
n-Butylbenzene
Concen: 49.195 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.7	27.2	81.5	
134	27.1	13.1	39.1	

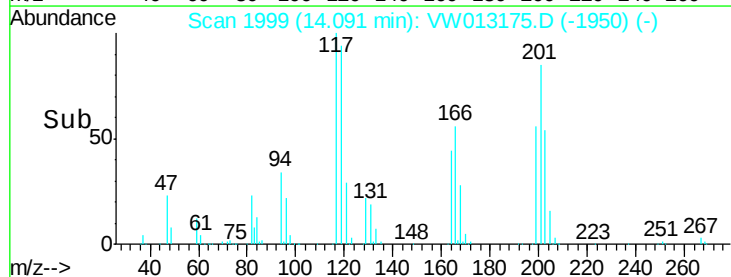
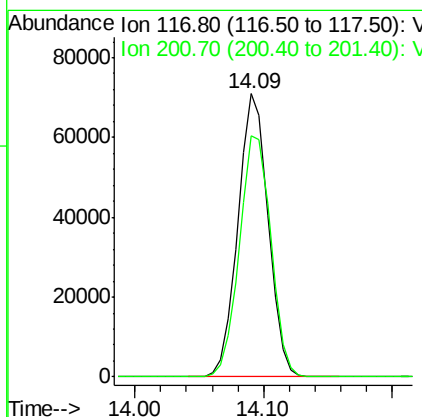
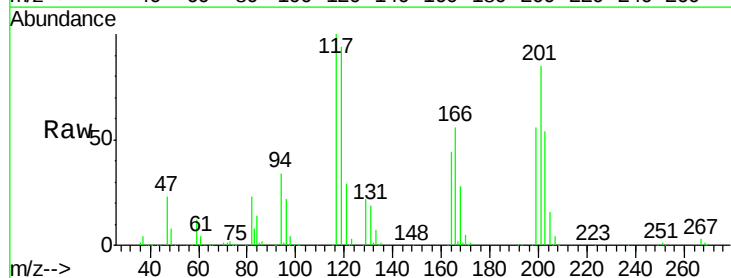
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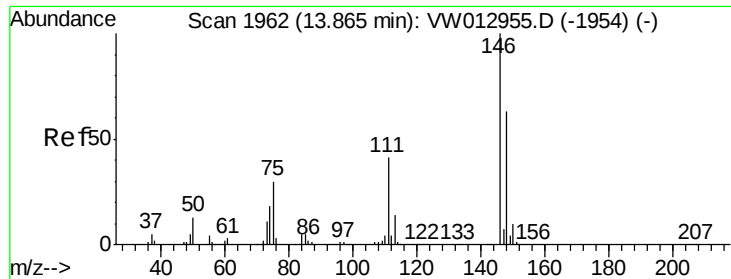
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#90
Hexachloroethane
Concen: 50.924 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	88.7	45.3	135.9	





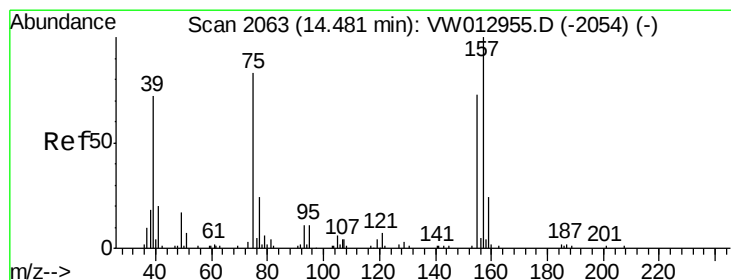
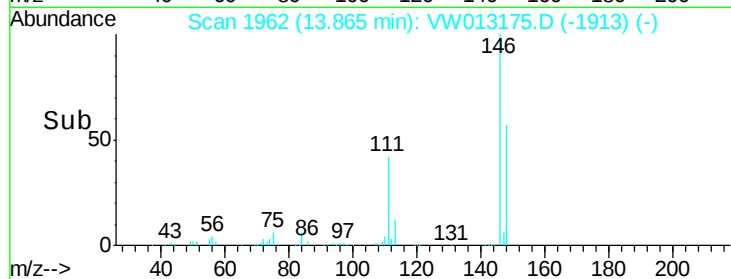
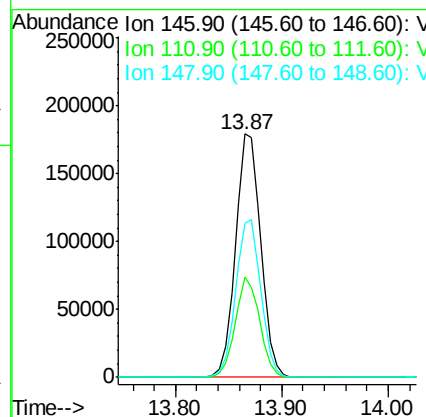
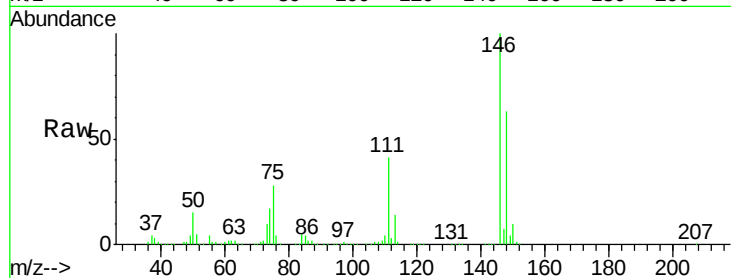
#91
 1,2-Dichlorobenzene
 Concen: 55.623 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	297044		
111	39.9	20.8	62.5	
148	64.8	32.7	98.1	

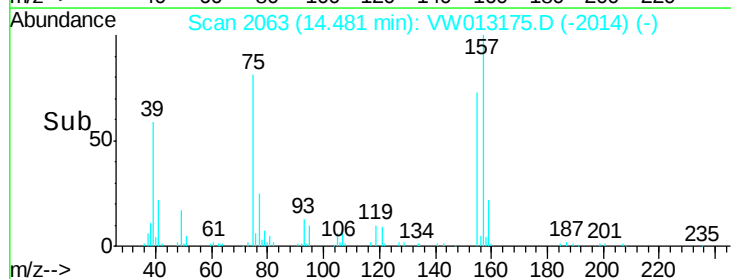
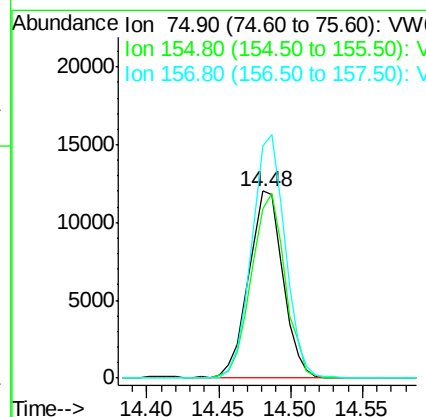
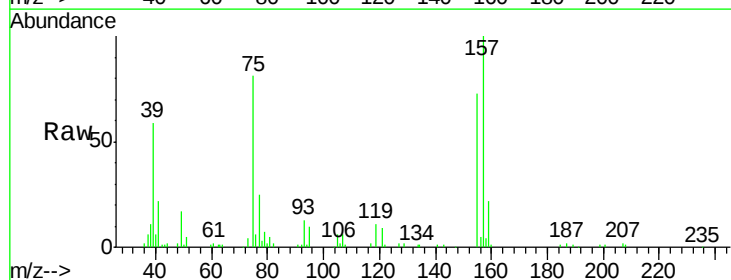
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.200 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19778		
155	97.1	43.3	129.9	
157	125.8	54.7	164.1	





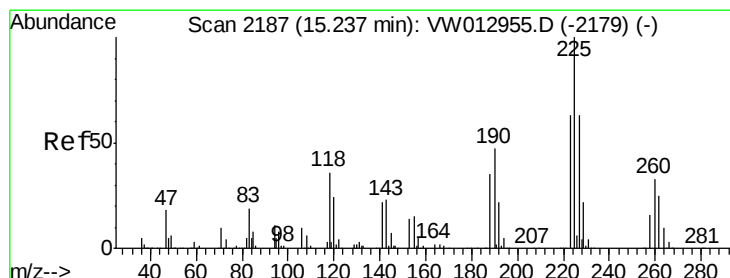
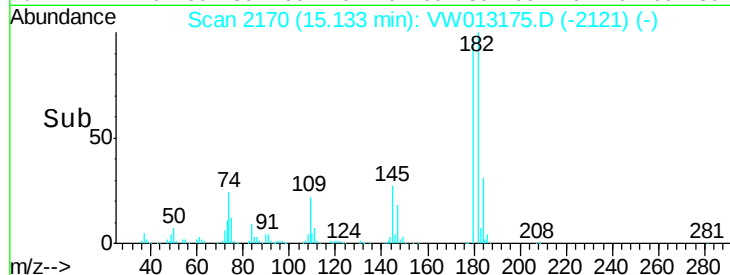
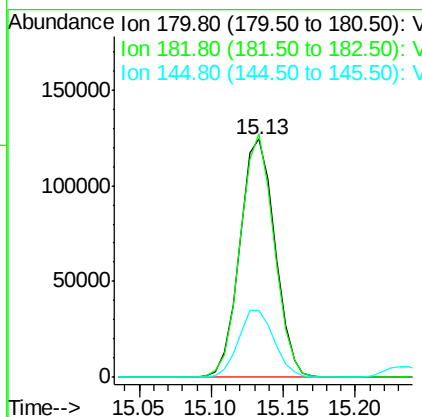
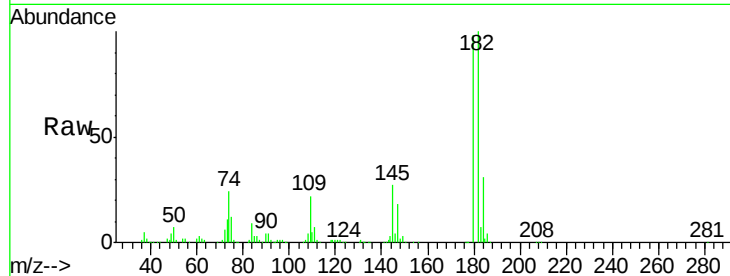
#93
 1,2,4-Trichlorobenzene
 Concen: 55.118 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	209921		
182	98.3	47.4	142.2	
145	28.7	14.9	44.7	

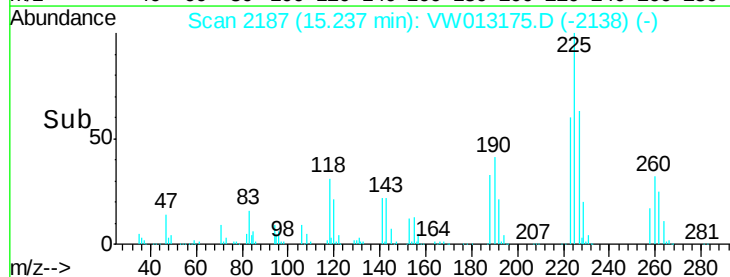
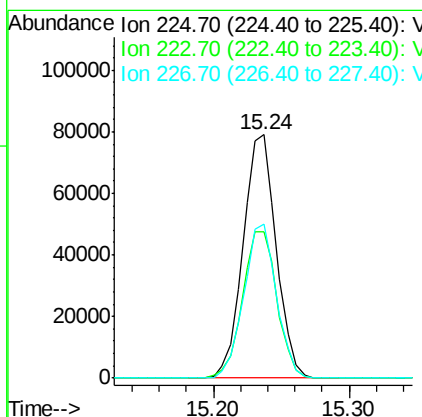
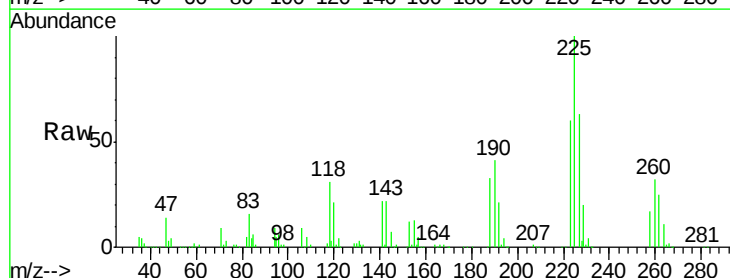
Manual Integrations
 APPROVED

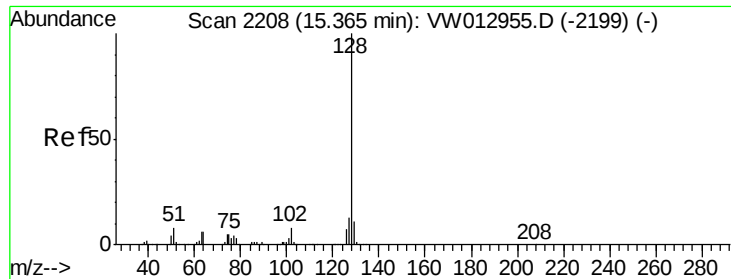
MMDadoda
 9/23/2019 10:46:33 AM



#94
 Hexachlorobutadiene
 Concen: 49.740 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013175.D
 Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	134107		
223	62.5	31.8	95.3	
227	62.8	31.3	93.8	





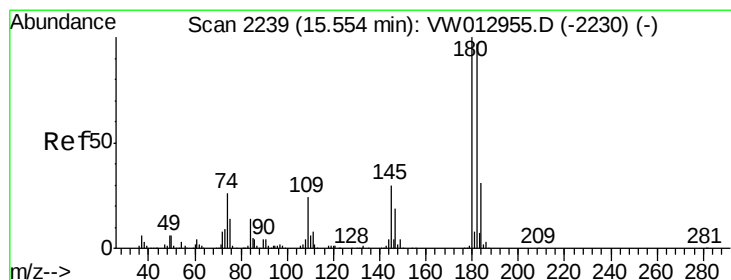
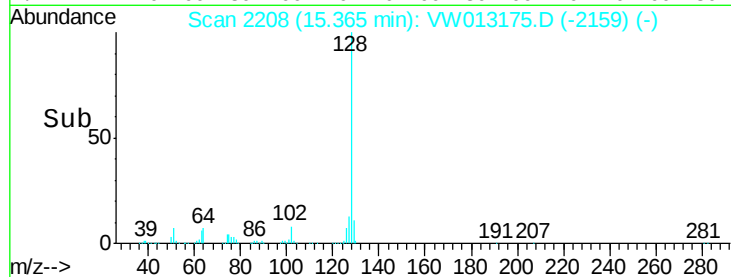
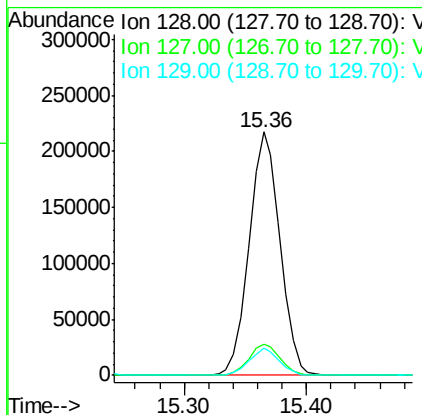
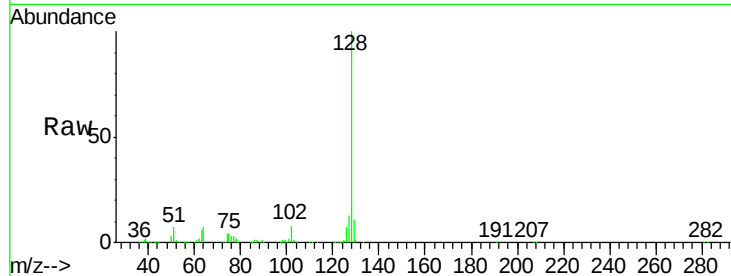
#95
Naphthalene
Concen: 59.826 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
127	13.1	11.0	16.6	
129	10.8	8.6	12.8	

Manual Integrations
APPROVED

MMDadoda
9/23/2019 10:46:33 AM



#96
1,2,3-Trichlorobenzene
Concen: 56.148 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013175.D
Acq: 19 Sep 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.5	47.6	142.8	
145	30.0	15.4	46.2	

