

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012955.D
 Acq On : 13 Sep 2019 15:24
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 12:43:41 AM

Quant Time: Sep 13 17:08:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 16:59:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	283744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	404566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	351038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	175433	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136478	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
35) Dibromofluoromethane	7.88	113	114434	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	10.32	98	464583	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
62) 4-Bromofluorobenzene	12.62	95	160463	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	54932	45.283	ug/l	100
3) Chloromethane	2.21	50	70244	45.279	ug/l	100
4) Vinyl Chloride	2.36	62	95833	47.186	ug/l	100
5) Bromomethane	2.77	94	57913	46.694	ug/l	100
6) Chloroethane	2.92	64	60728	48.753	ug/l	100
7) Trichlorofluoromethane	3.25	101	71933	50.649	ug/l	100
8) Diethyl Ether	3.68	74	54843	49.454	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106228	49.316	ug/l	100
10) Methyl Iodide	4.27	142	136016	50.456	ug/l	100
11) Tert butyl alcohol	5.16	59	46268	225.264	ug/l	100
12) 1,1-Dichloroethene	4.03	96	96704	49.375	ug/l	100
13) Acrolein	3.89	56	51286	266.799	ug/l	100
14) Allyl chloride	4.66	41	188246	50.628	ug/l	100
15) Acrylonitrile	5.37	53	143184	252.798	ug/l	100
16) Acetone	4.12	43	155310	249.484	ug/l	100
17) Carbon Disulfide	4.38	76	187240	47.972	ug/l	100
18) Methyl Acetate	4.67	43	70658	47.326	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	198947	51.459	ug/l	100
20) Methylene Chloride	4.91	84	111508	45.270	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	105736	50.406	ug/l	100
22) Diisopropyl ether	6.31	45	396960	51.391	ug/l	100
23) Vinyl Acetate	6.25	43	1217142	263.086	ug/l	100
24) 1,1-Dichloroethane	6.21	63	221567	49.750	ug/l	100
25) 2-Butanone	7.17	43	208592	250.326	ug/l	100
26) 2,2-Dichloropropane	7.16	77	151712	48.041	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	125318	49.900	ug/l	100
28) Bromochloromethane	7.51	49	94600	50.466	ug/l	100
29) Tetrahydrofuran	7.52	42	121307	255.497	ug/l	100
30) Chloroform	7.67	83	225716	49.880	ug/l	100
31) Cyclohexane	7.95	56	174118	45.887	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	186227	49.973	ug/l	100
36) 1,1-Dichloropropene	8.08	75	162180	50.166	ug/l	100
37) Ethyl Acetate	7.25	43	85803	50.003	ug/l	100
38) Carbon Tetrachloride	8.07	117	168227	50.779	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	176778	49.902	ug/l	100
40) Benzene	8.32	78	459149	50.875	ug/l	100
41) Methacrylonitrile	7.48	41	56908	50.360	ug/l	100
42) 1,2-Dichloroethane	8.40	62	153673	50.795	ug/l	100
43) Isopropyl Acetate	8.42	43	169878	51.561	ug/l	100
44) Trichloroethene	9.09	130	123445	49.937	ug/l	100
45) 1,2-Dichloropropane	9.37	63	123597	51.546	ug/l	100
46) Dibromomethane	9.46	93	58995	51.354	ug/l	100
47) Bromodichloromethane	9.64	83	168555	52.308	ug/l	100
48) Methyl methacrylate	9.43	41	79196	51.218	ug/l	100
49) 1,4-Dioxane	9.45	88	20198	1049.284	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	438555	257.827	ug/l	100
52) Toluene	10.38	92	295168	51.469	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	169959	52.444	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	193496	52.183	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	88975	50.841	ug/l	100
56) Ethyl methacrylate	10.65	69	125025	53.075	ug/l	100
57) 1,3-Dichloropropane	10.93	76	160667	51.754	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	324583	256.867	ug/l	100
59) 2-Hexanone	10.97	43	312264	263.647	ug/l	100
60) Dibromochloromethane	11.13	129	111537	52.716	ug/l	100
61) 1,2-Dibromoethane	11.23	107	82814	51.874	ug/l	100
64) Tetrachloroethene	10.86	164	104313	49.950	ug/l	100
65) Chlorobenzene	11.66	112	313130	50.078	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	123213	51.421	ug/l	100
67) Ethyl Benzene	11.73	91	599080	51.877	ug/l	100
68) m/p-Xylenes	11.84	106	439047	104.072	ug/l	100
69) o-Xylene	12.16	106	204686	51.752	ug/l	100
70) Styrene	12.18	104	365902	52.006	ug/l	100
71) Bromoform	12.35	173	66547	52.872	ug/l	# 100
73) Isopropylbenzene	12.46	105	602159	51.785	ug/l	100
74) N-amyl acetate	12.27	43	155209	51.888	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	106156	51.978	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	68718m	46.424	ug/l	
77) Bromobenzene	12.74	156	136070	50.794	ug/l	100
78) n-propylbenzene	12.80	91	713112	52.135	ug/l	100
79) 2-Chlorotoluene	12.89	91	404023	51.383	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	504147	51.248	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35257	52.048	ug/l	100
82) 4-Chlorotoluene	12.99	91	431190	51.973	ug/l	100
83) tert-Butylbenzene	13.21	119	456626	51.894	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	503781	51.824	ug/l	100
85) sec-Butylbenzene	13.38	105	621650	51.854	ug/l	100
86) p-Isopropyltoluene	13.50	119	571238	51.899	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	267293	50.404	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	266590	51.156	ug/l	100
89) n-Butylbenzene	13.82	91	541809	52.196	ug/l	100
90) Hexachloroethane	14.09	117	100782	51.095	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	234930	50.377	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18373	49.147	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	170847	51.369	ug/l	100
94) Hexachlorobutadiene	15.24	225	116275	49.386	ug/l	100
95) Naphthalene	15.36	128	299336	53.866	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	149290	50.779	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

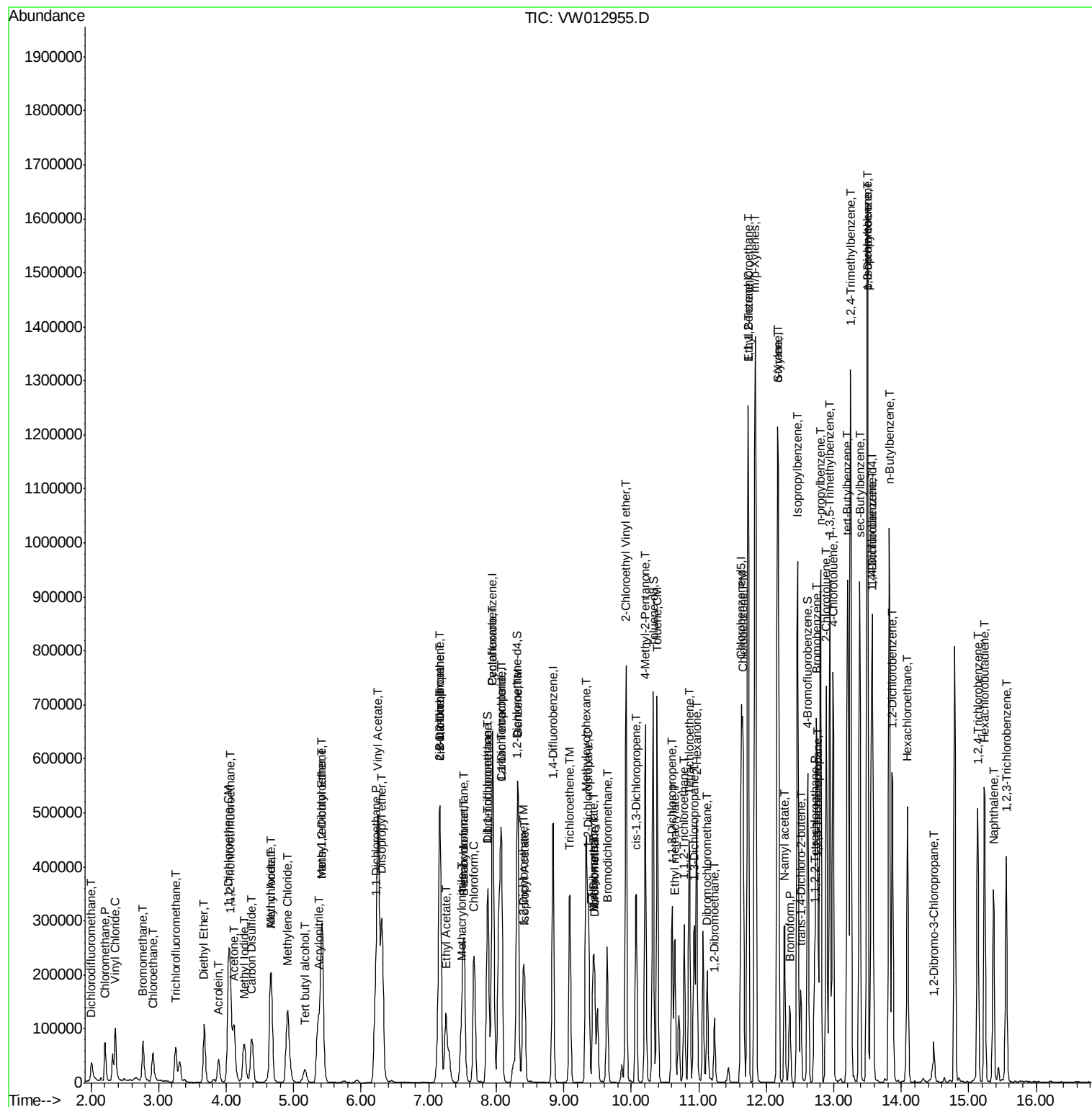
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
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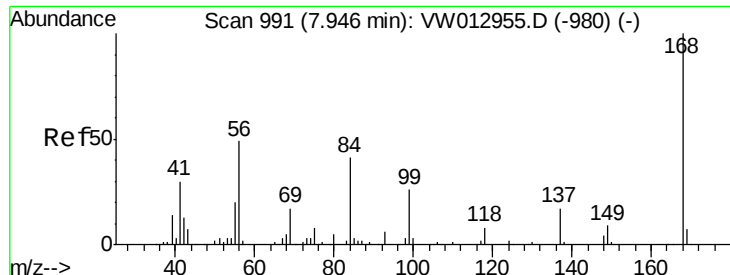
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 168 Resp: 283744

Ion Ratio Lower Upper

168 100

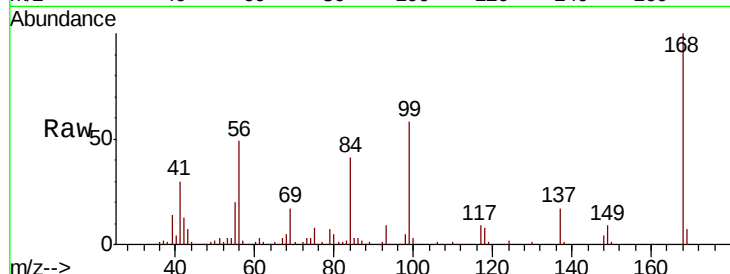
99 57.7 46.2 69.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

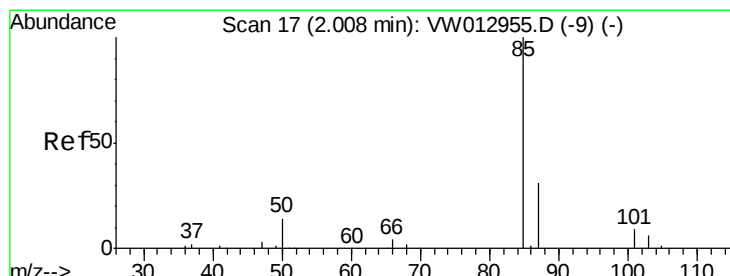
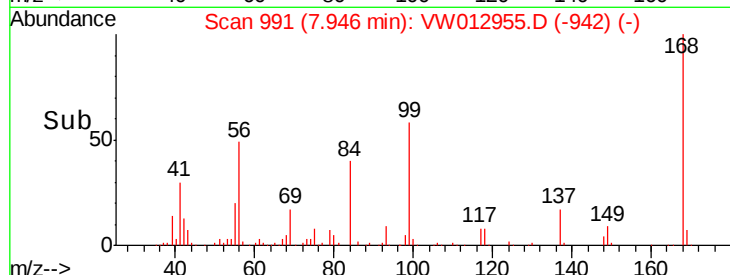
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 45.283 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW012955.D

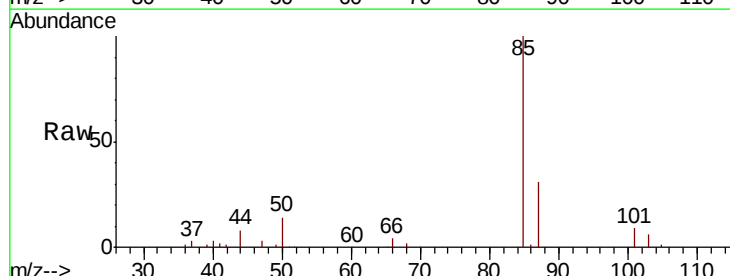
Acq: 13 Sep 2019 15:24

Tgt Ion: 85 Resp: 54932

Ion Ratio Lower Upper

85 100

87 30.9 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

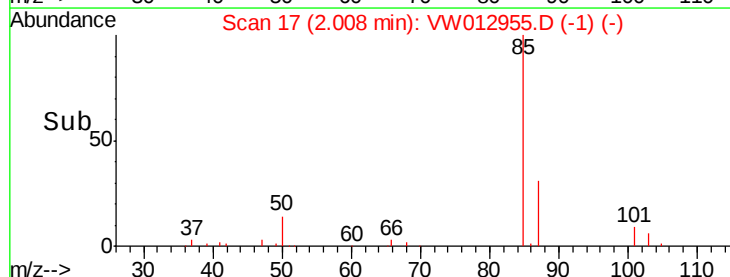
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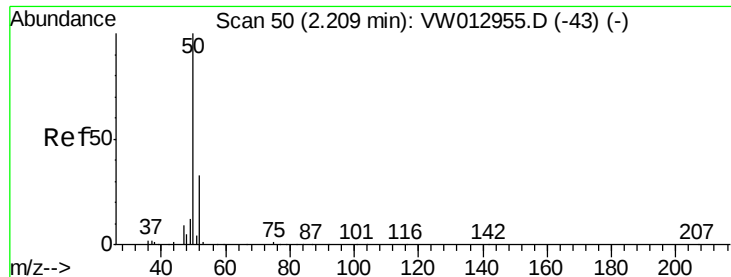
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 45.279 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 70244

Ion Ratio Lower Upper

50 100

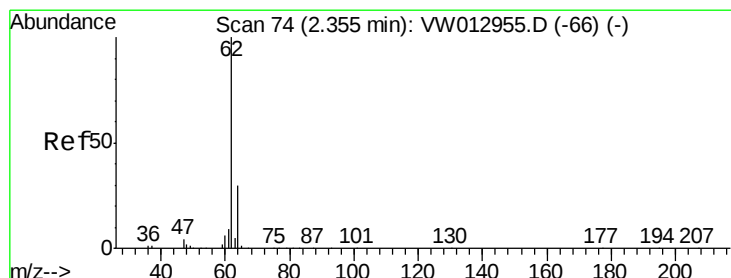
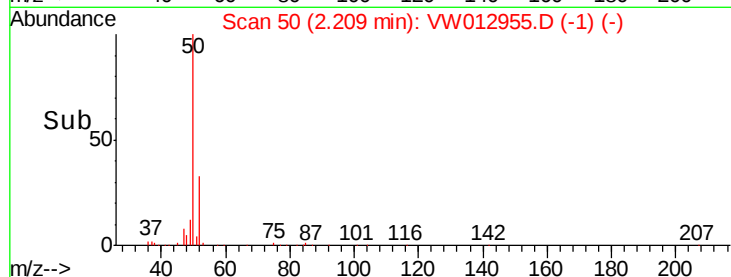
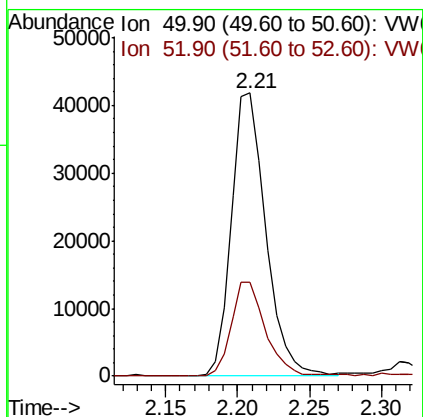
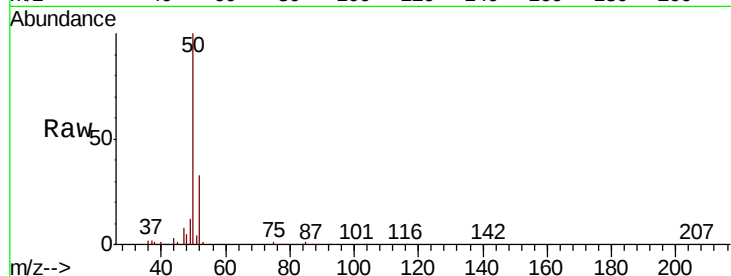
52 33.2 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.186 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW012955.D

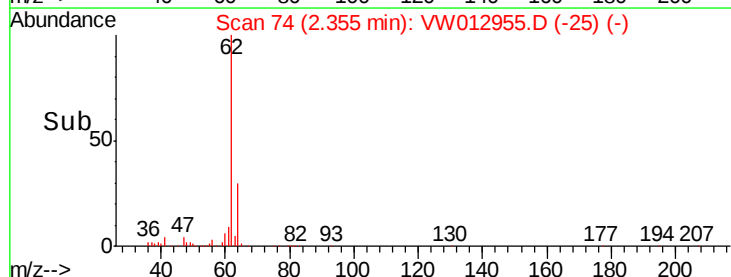
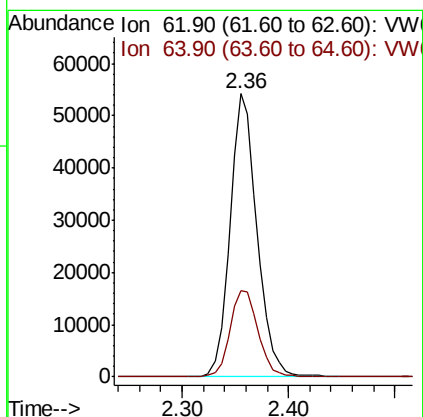
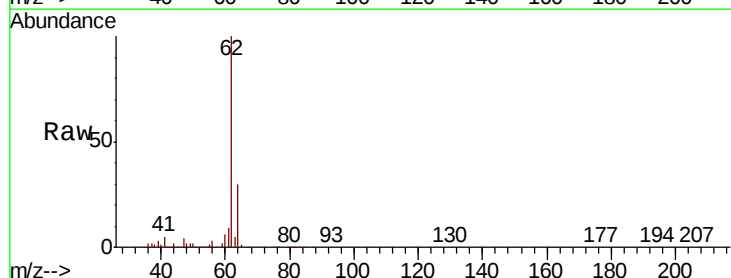
Acq: 13 Sep 2019 15:24

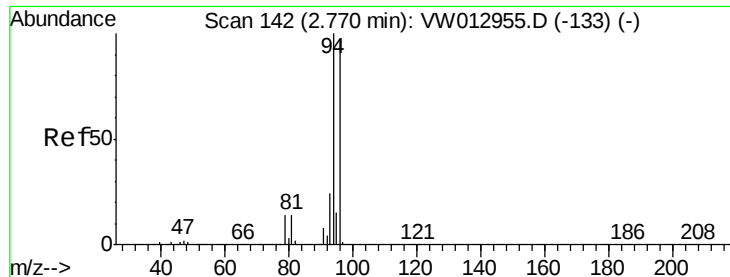
Tgt Ion: 62 Resp: 95833

Ion Ratio Lower Upper

62 100

64 30.3 24.2 36.4





#5

Bromomethane

Concen: 46.694 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 57913

Ion Ratio Lower Upper

94 100

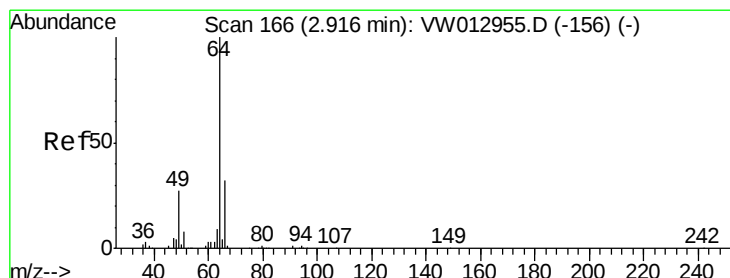
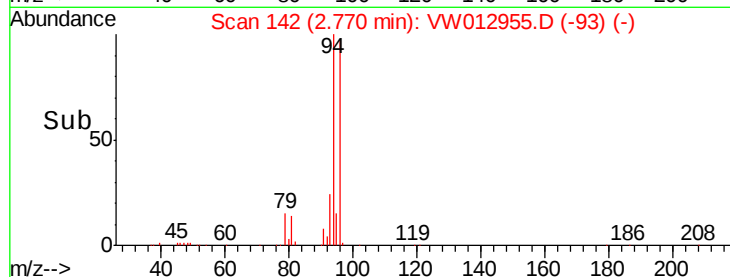
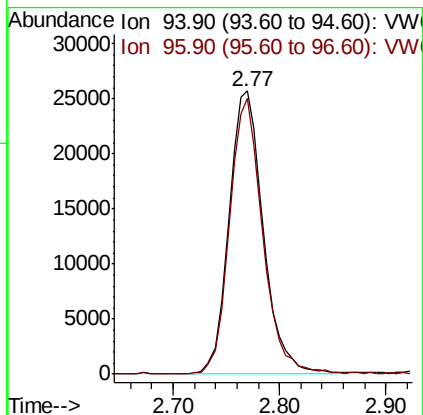
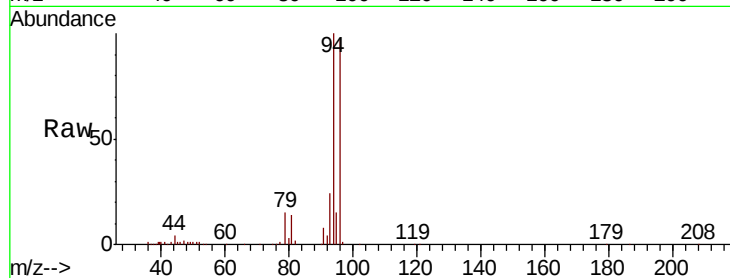
96 97.2 77.8 116.6

Manual Integrations

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#6

Chloroethane

Concen: 48.753 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW012955.D

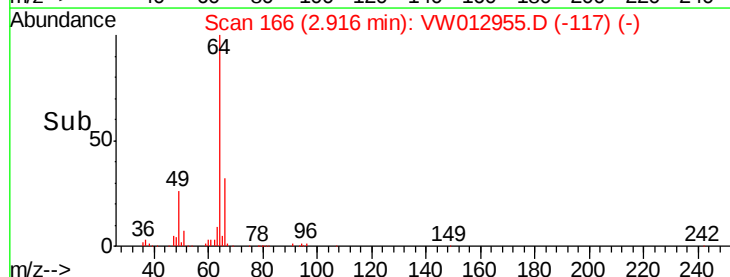
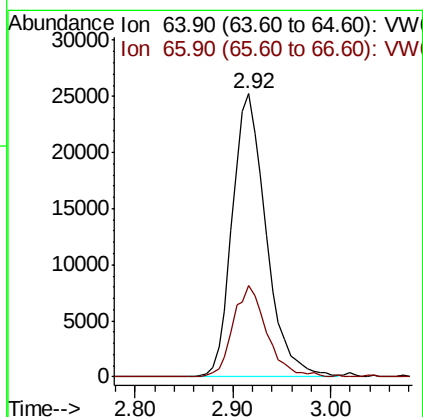
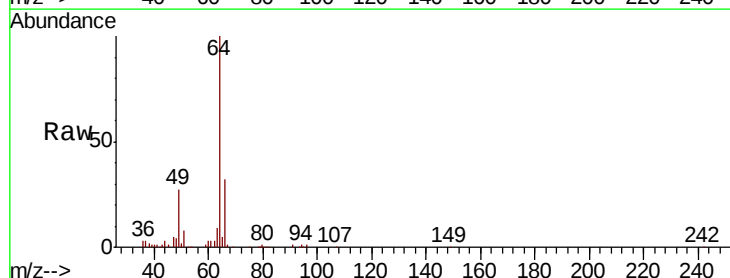
Acq: 13 Sep 2019 15:24

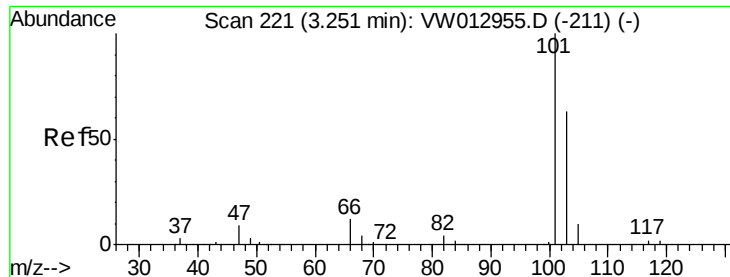
Tgt Ion: 64 Resp: 60728

Ion Ratio Lower Upper

64 100

66 32.4 25.9 38.9





#7

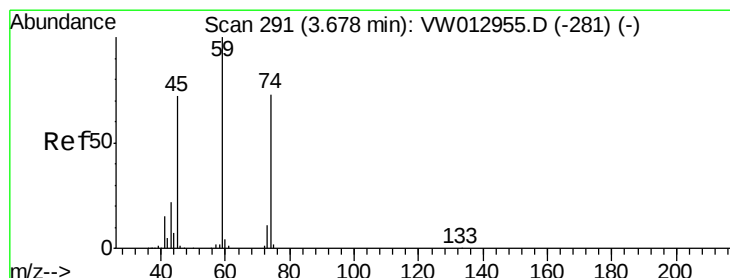
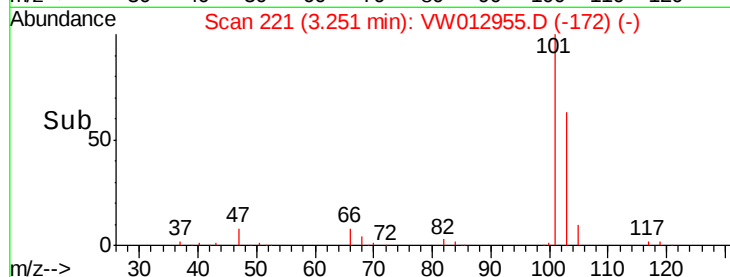
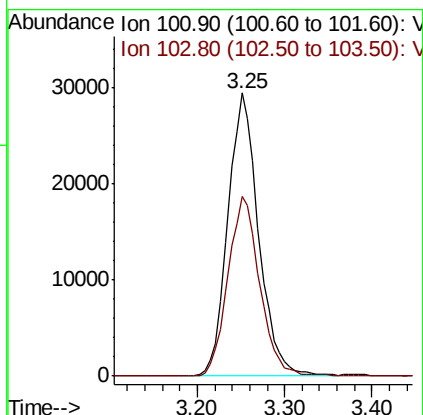
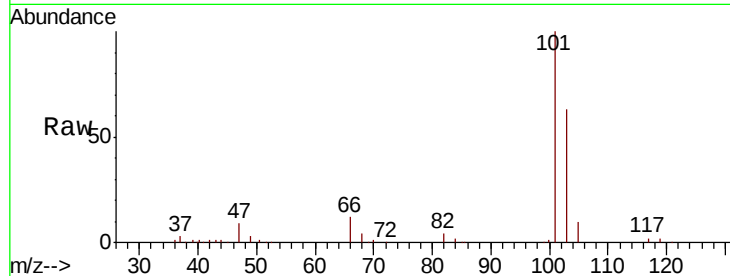
Trichlorofluoromethane
 Concen: 50.649 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Instrument :
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Tgt Ion:101 Resp: 71933
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1

Manual Integrations
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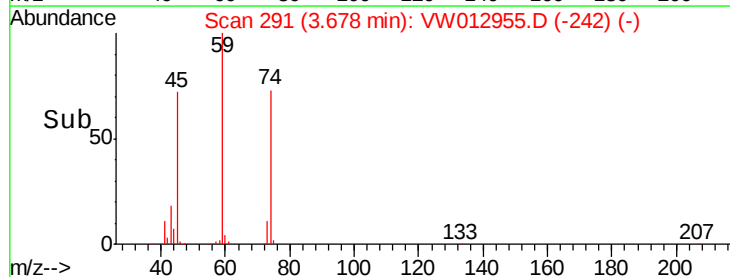
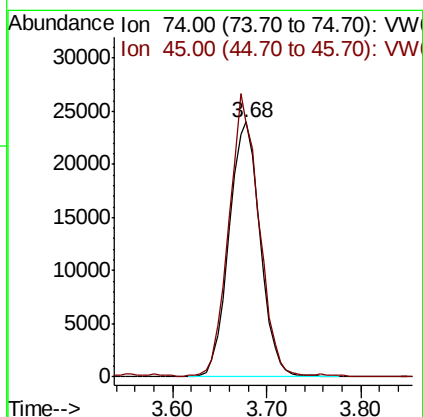
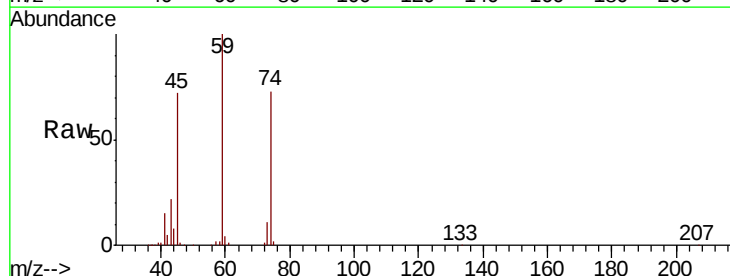
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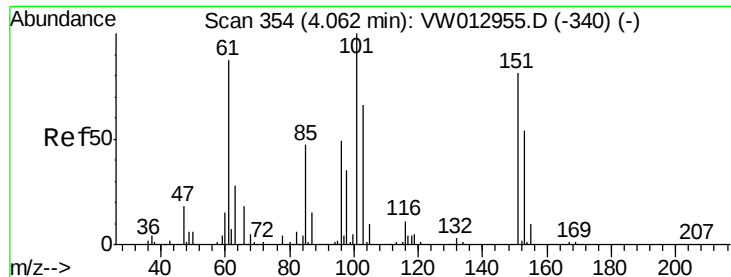


#8

Diethyl Ether
 Concen: 49.454 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Tgt Ion: 74 Resp: 54843
 Ion Ratio Lower Upper
 74 100
 45 107.6 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.316 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

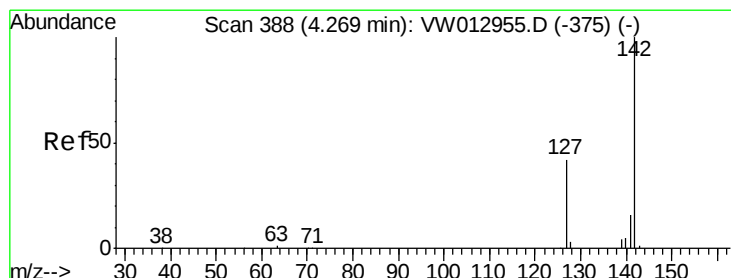
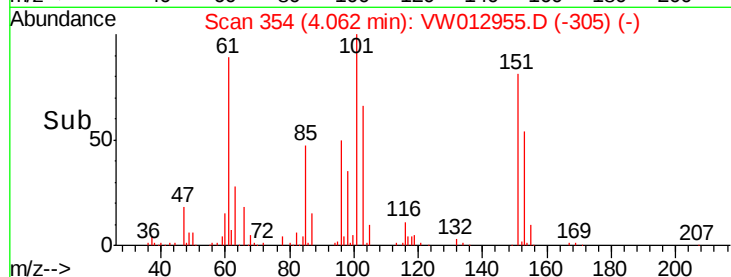
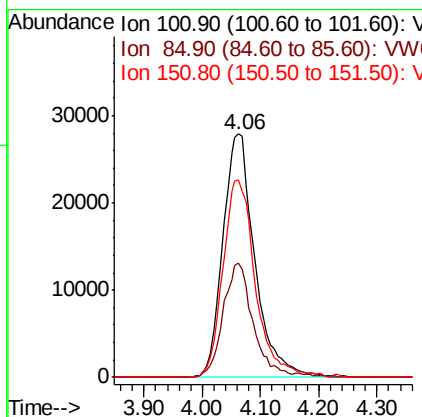
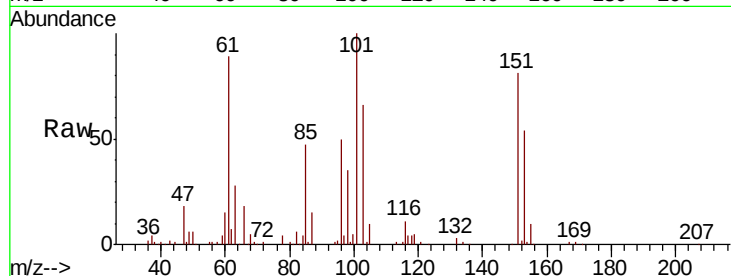
ClientSampleId :

VSTDICCC050

Tgt Ion:	101	Resp:	106228
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	82.5	66.0	99.0

Manual Integrations
APPROVED

MMDadoda
9/16/2019 12:43:41 AM



#10

Methyl Iodide

Concen: 50.456 ug/l

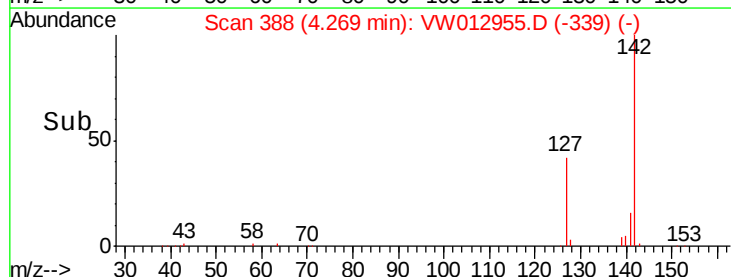
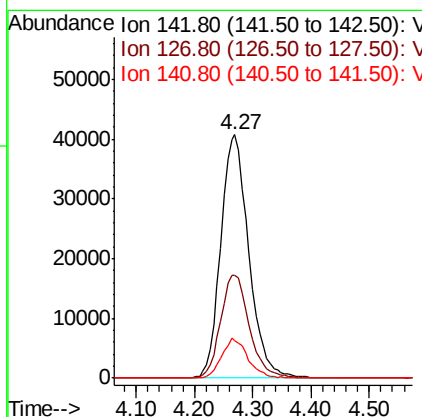
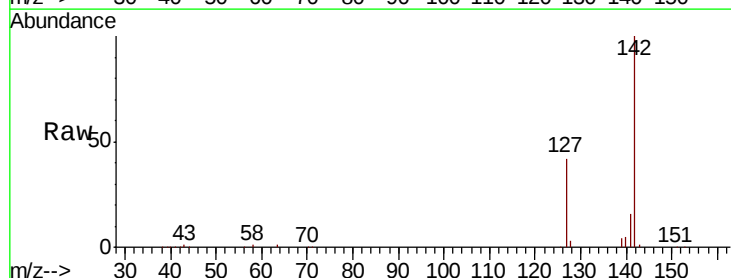
RT: 4.27 min Scan# 388

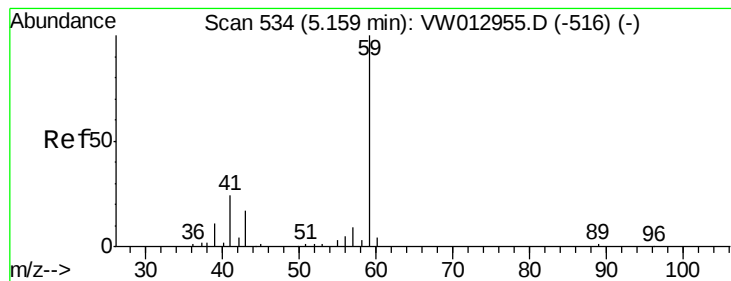
Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Tgt Ion:	142	Resp:	136016
Ion Ratio	Lower	Upper	
142	100		
127	43.4	34.7	52.1
141	15.2	12.2	18.2





#11

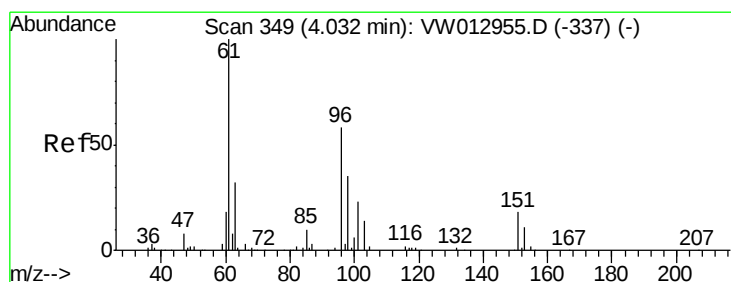
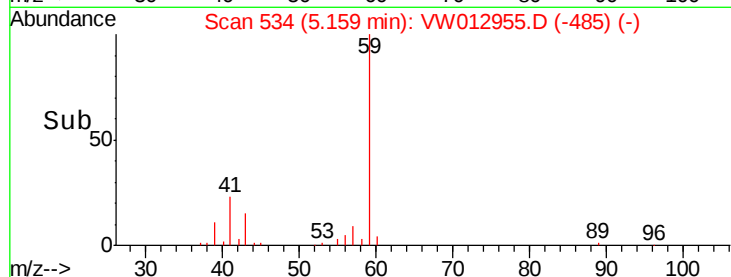
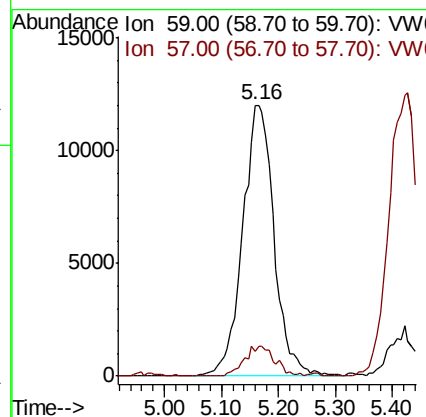
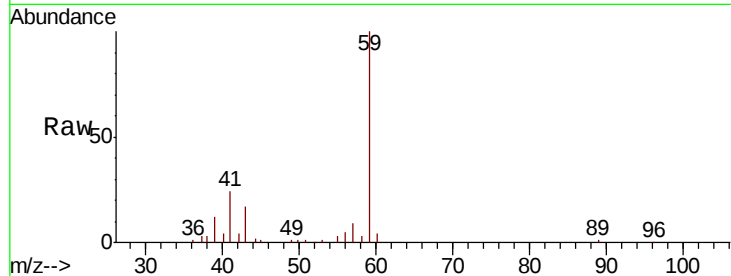
Tert butyl alcohol
 Concen: 225.264 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

Manual Integrations
 APPROVED

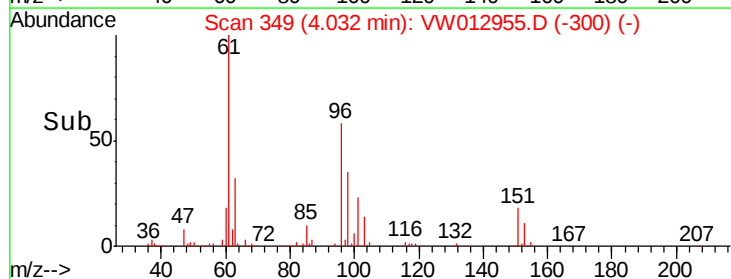
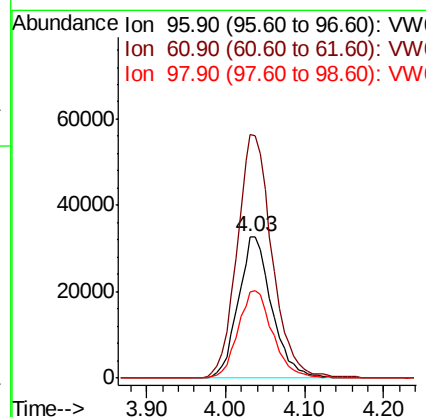
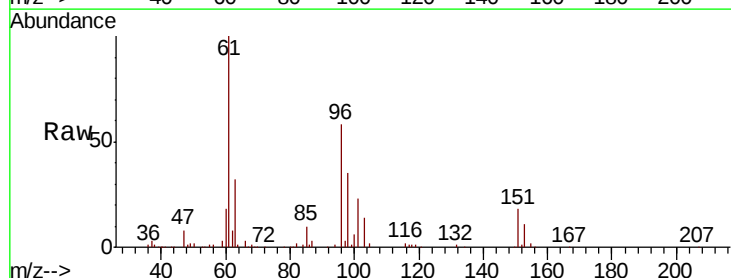
MMDadoda
 9/16/2019 12:43:41 AM

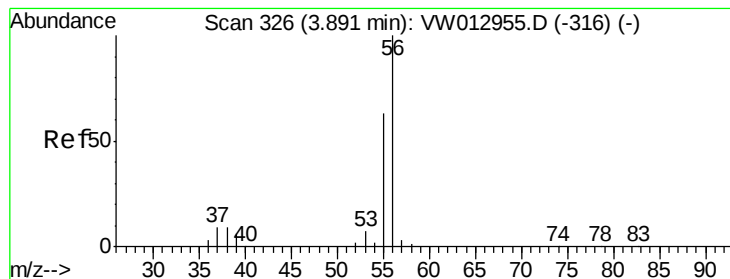


#12

1,1-Dichloroethene
 Concen: 49.375 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.4	137.9	206.9
98	61.1	48.9	73.3





#13

Acrolein

Concen: 266.799 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 51286

Ion Ratio Lower Upper

56 100

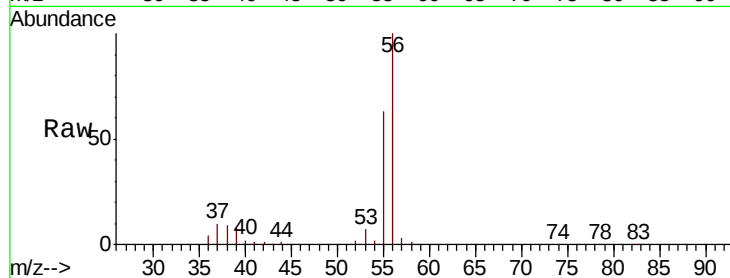
55 69.8 55.8 83.8

Manual Integrations

APPROVED

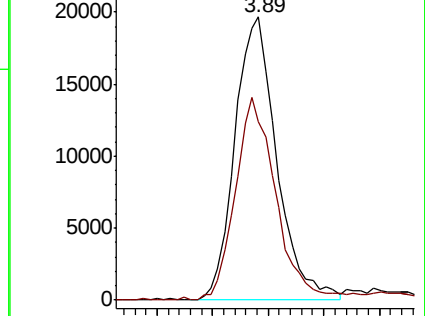
MMDadoda

9/16/2019 12:43:41 AM

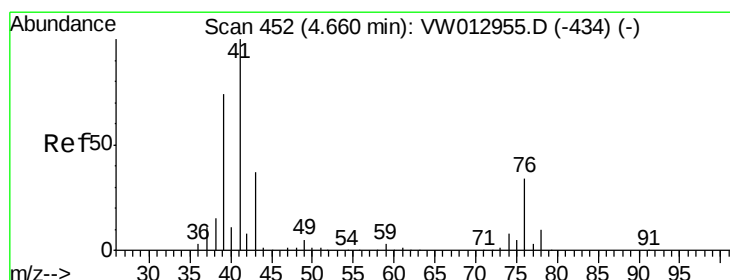
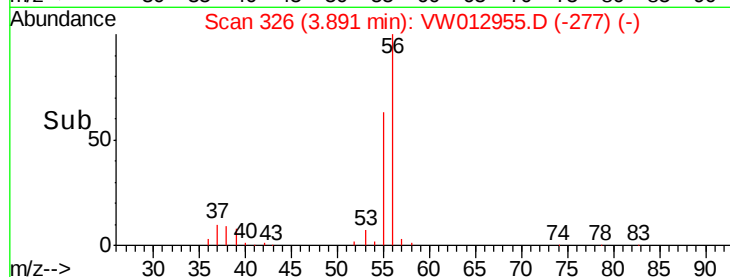


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



Time-->



#14

Allyl chloride

Concen: 50.628 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

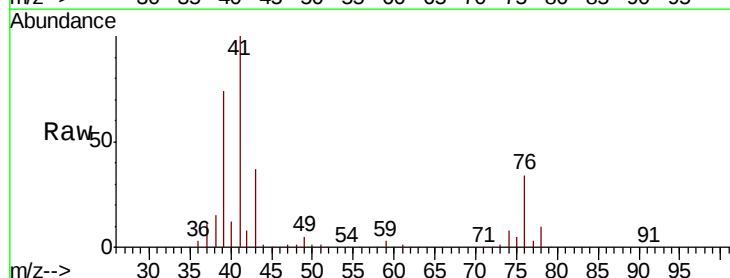
Tgt Ion: 41 Resp: 188246

Ion Ratio Lower Upper

41 100

39 70.9 56.7 85.1

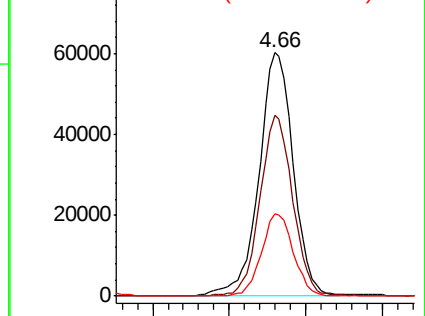
76 31.4 25.1 37.7



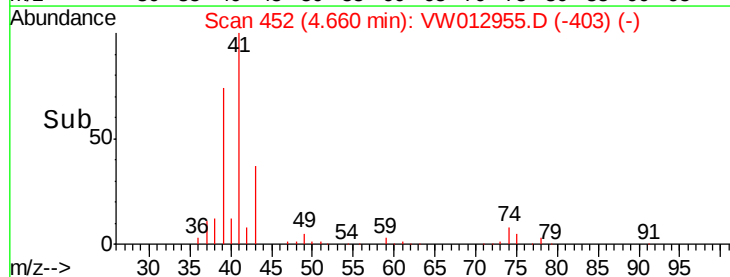
Abundance Ion 41.00 (40.70 to 41.70): VW

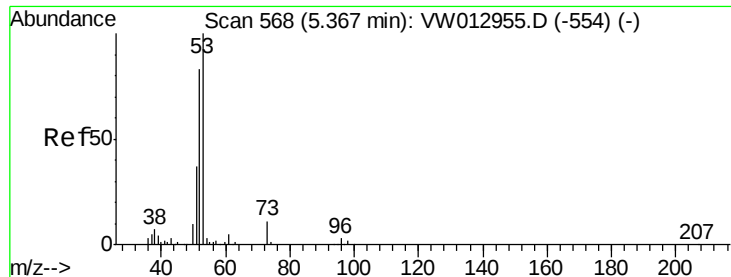
Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW



Time-->





#15

Acrylonitrile

Concen: 252.798 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

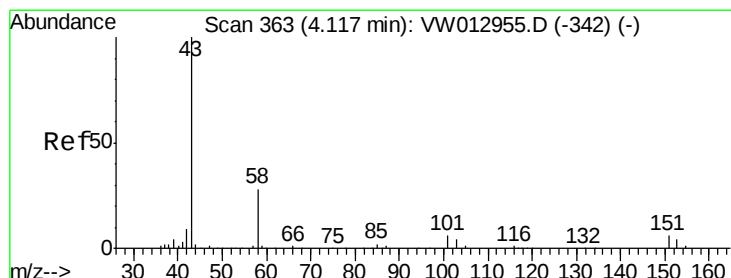
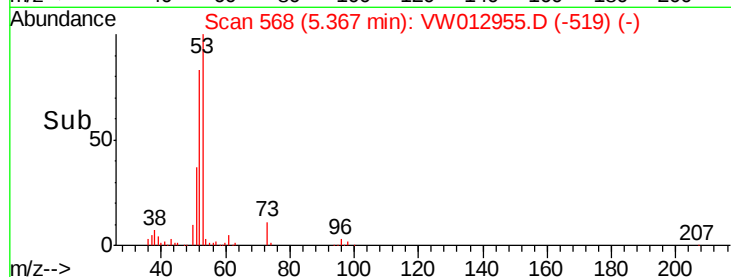
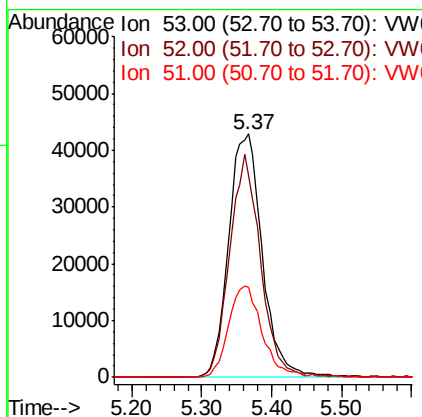
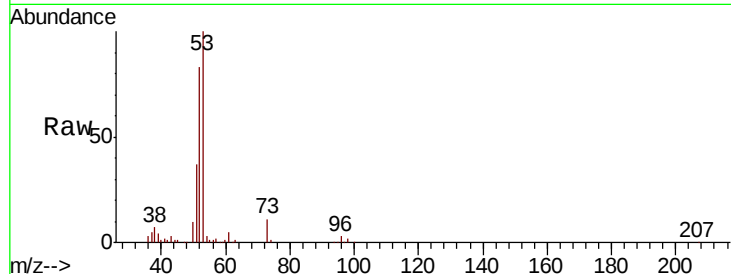
ClientSampleId :

VSTDICCC050

Tgt Ion:	53	Resp:	143184
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.6	100.0
51	37.3	29.8	44.8

Manual Integrations
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MMDadoda
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#16

Acetone

Concen: 249.484 ug/l

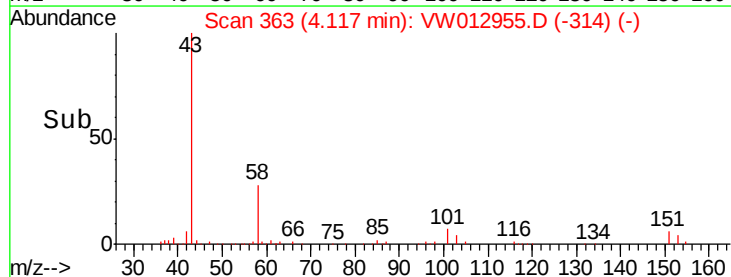
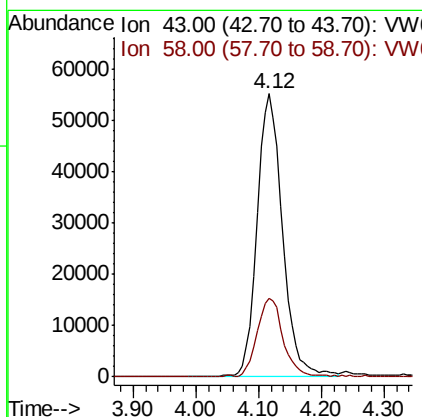
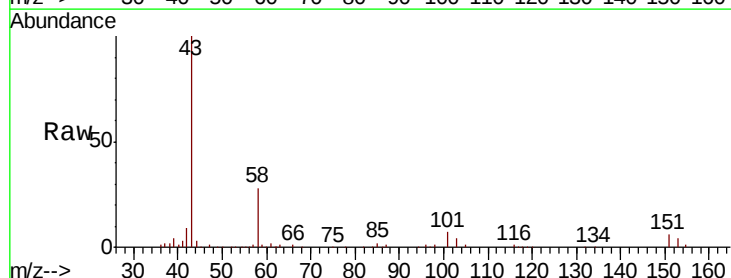
RT: 4.12 min Scan# 363

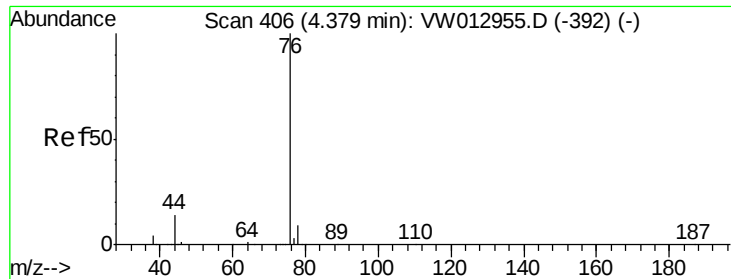
Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Tgt Ion:	43	Resp:	155310
Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.3	33.5





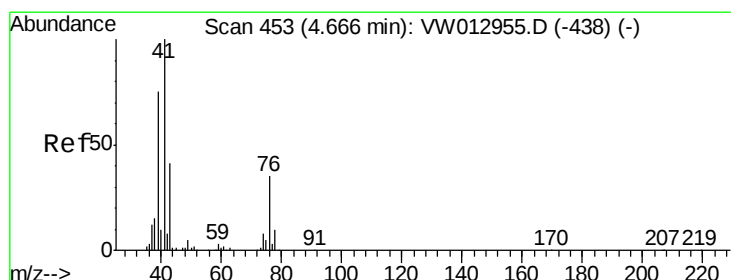
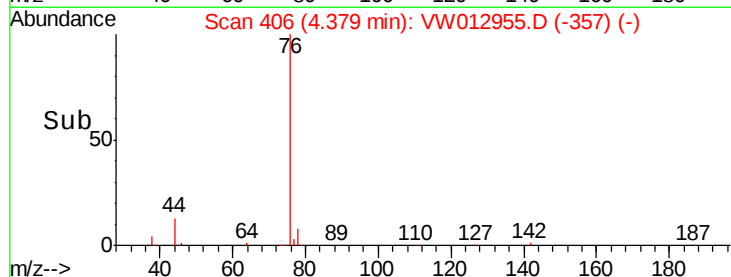
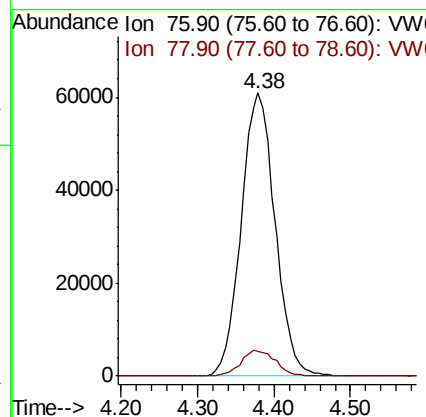
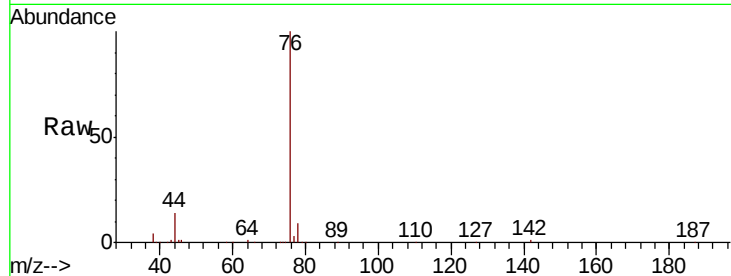
#17
Carbon Disulfide
Concen: 47.972 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.4

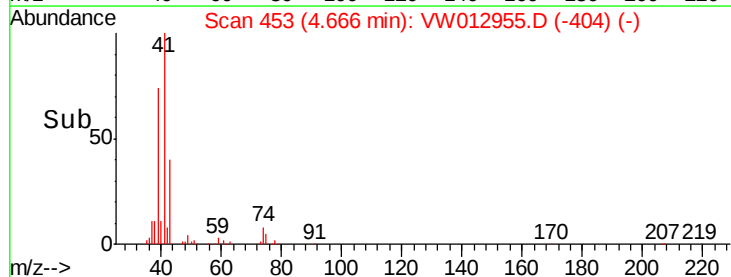
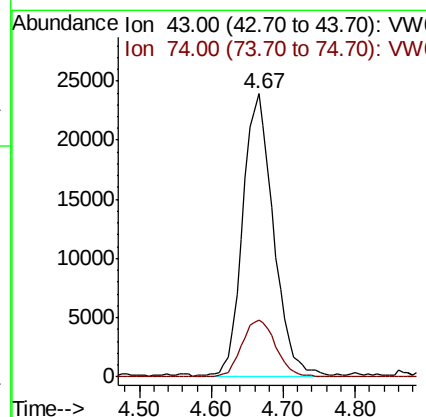
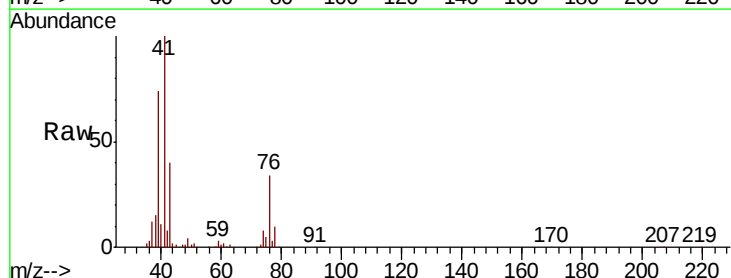
Manual Integrations
APPROVED

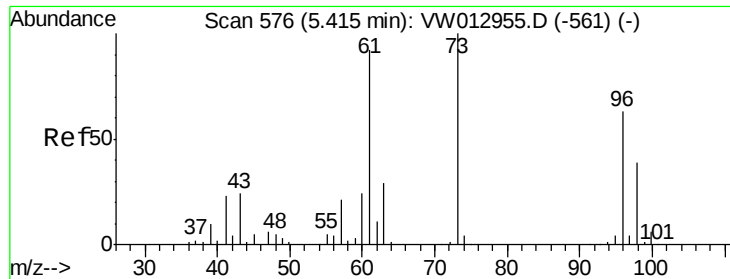
MMDadoda
9/16/2019 12:43:41 AM



#18
Methyl Acetate
Concen: 47.326 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	17.8	26.8





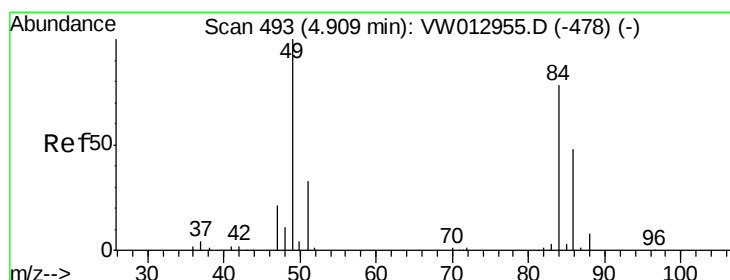
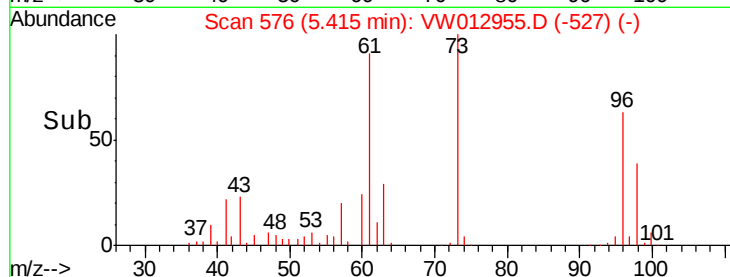
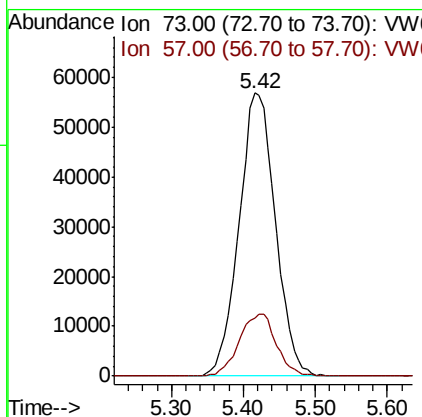
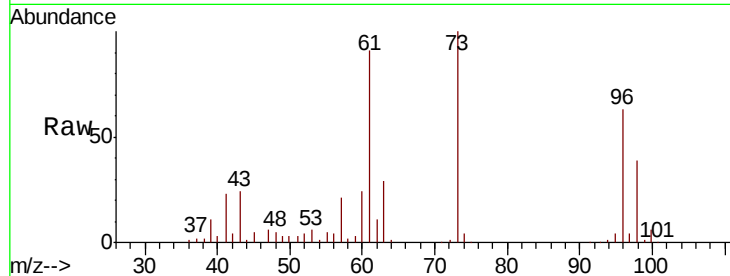
#19
Methyl tert-butyl Ether
Concen: 51.459 ug/l
RT: 5.42 min Scan# 576
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 198947
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6

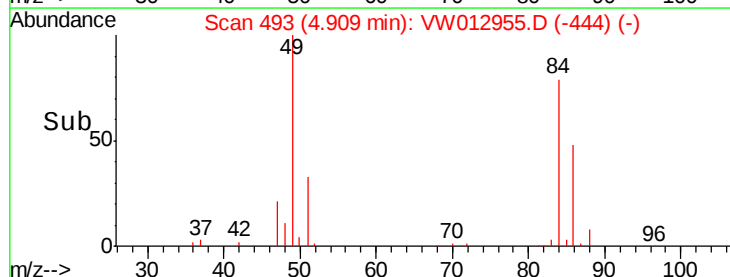
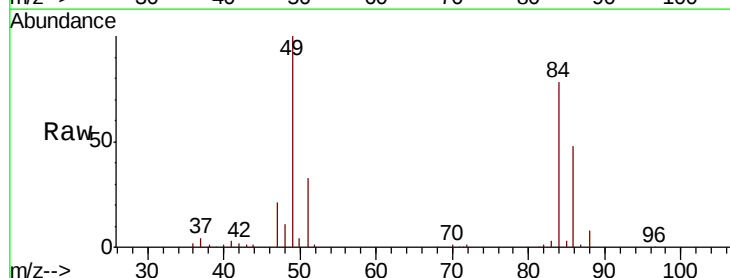
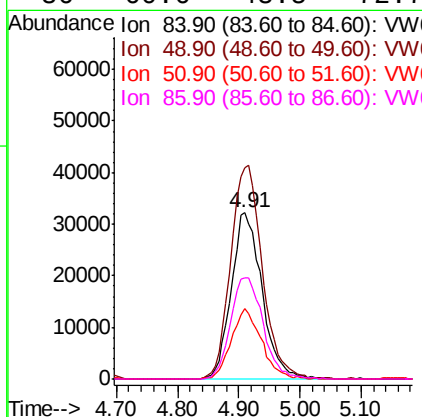
Manual Integrations
APPROVED

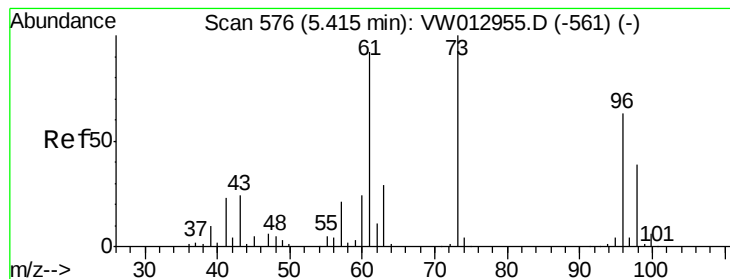
MMDadoda
9/16/2019 12:43:41 AM



#20
Methylene Chloride
Concen: 45.270 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Tgt Ion: 84 Resp: 111508
Ion Ratio Lower Upper
84 100
49 127.5 102.0 153.0
51 42.5 34.0 51.0
86 60.6 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 50.406 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 105736

Ion Ratio Lower Upper

96 100

61 145.2 116.2 174.2

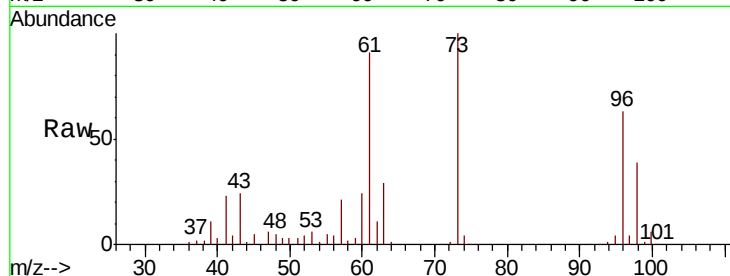
98 62.2 49.8 74.6

Manual Integrations

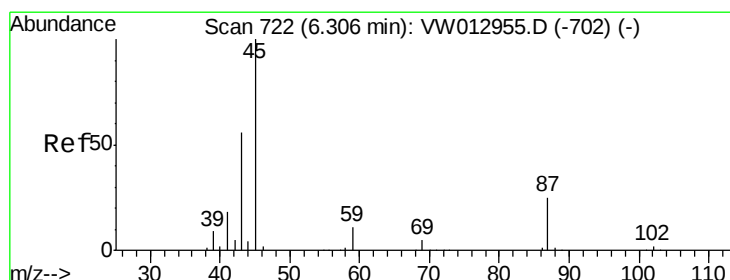
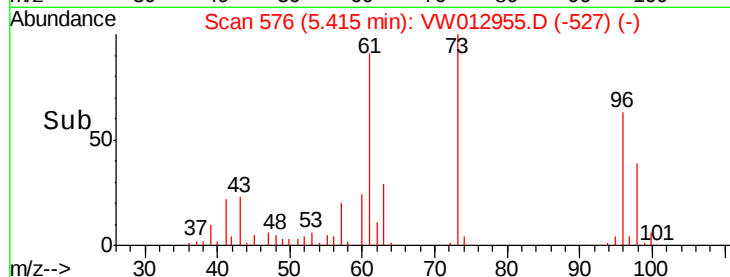
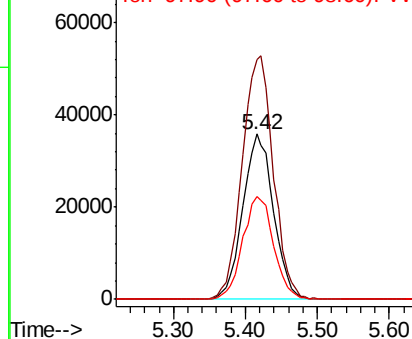
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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 51.391 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Tgt Ion: 45 Resp: 396960

Ion Ratio Lower Upper

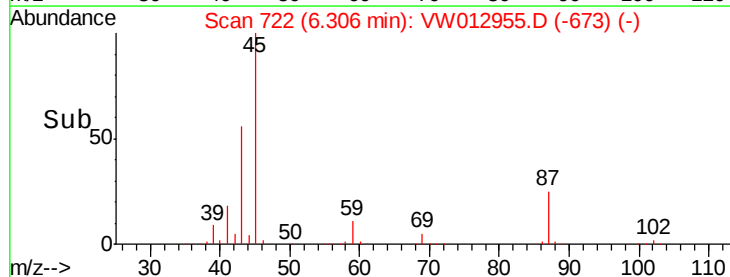
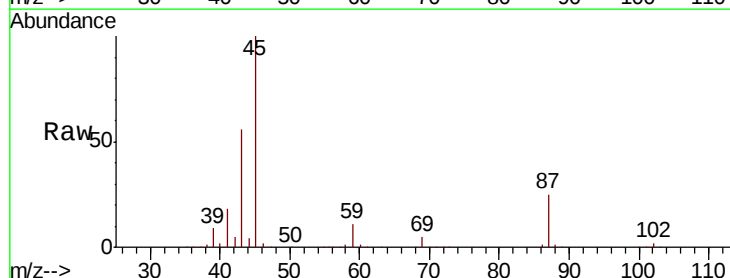
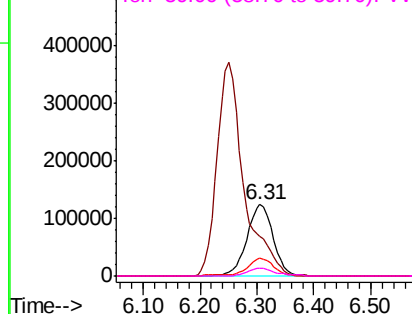
45 100

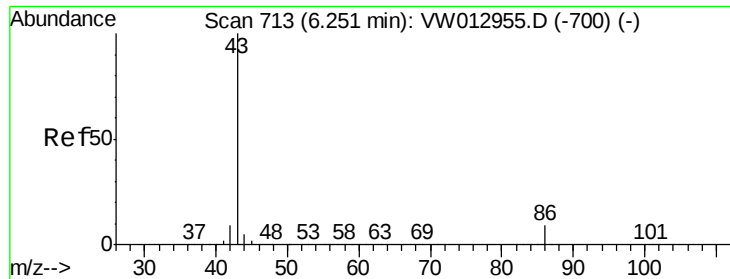
43 55.8 44.6 67.0

87 25.0 20.0 30.0

59 10.9 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: 263.086 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 1217142

Ion Ratio Lower Upper

43 100

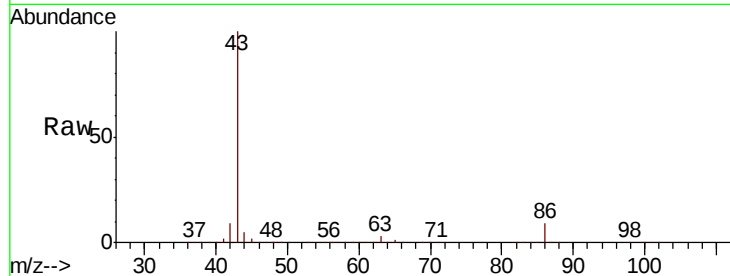
86 8.8 7.0 10.6

Manual Integrations

APPROVED

MMDadoda

9/16/2019 12:43:41 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

400000

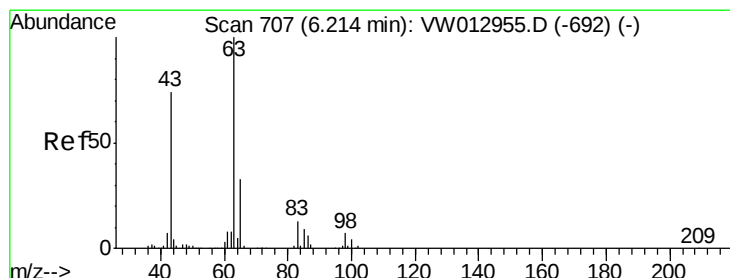
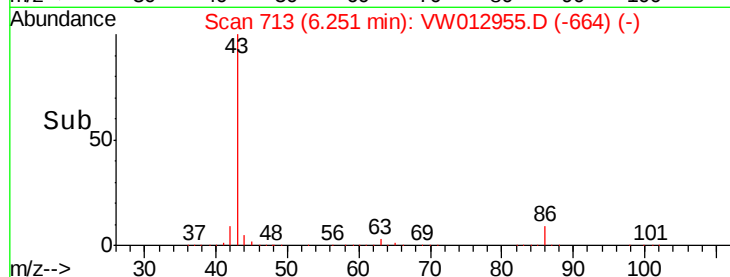
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.750 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

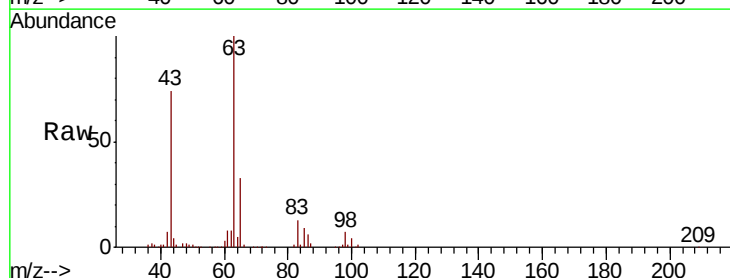
Tgt Ion: 63 Resp: 221567

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 3.7 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

100000

80000

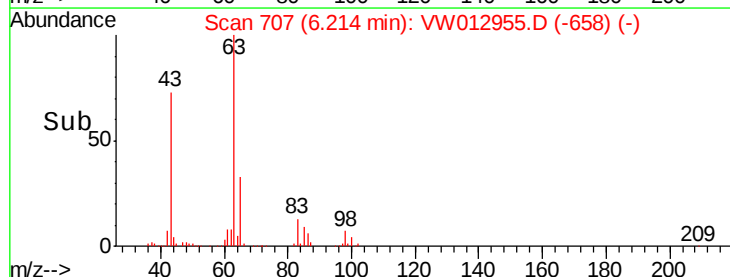
60000

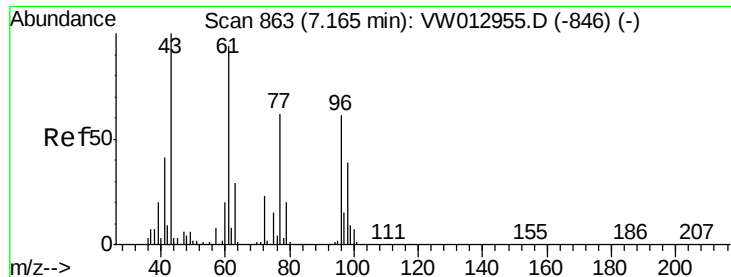
40000

20000

0

Time-->





#25

2-Butanone

Concen: 250.326 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 208592

Ion Ratio Lower Upper

43 100

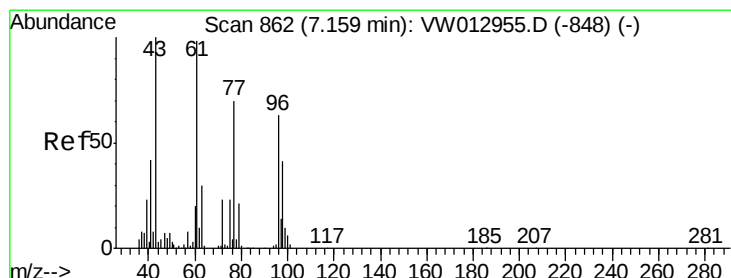
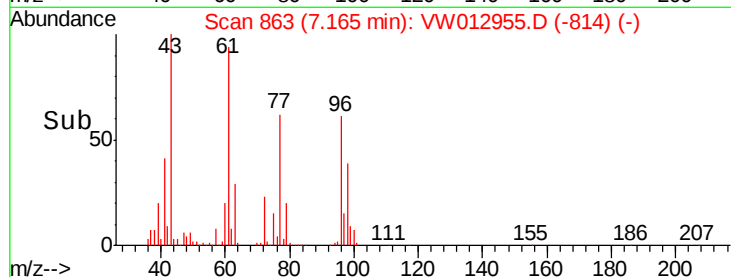
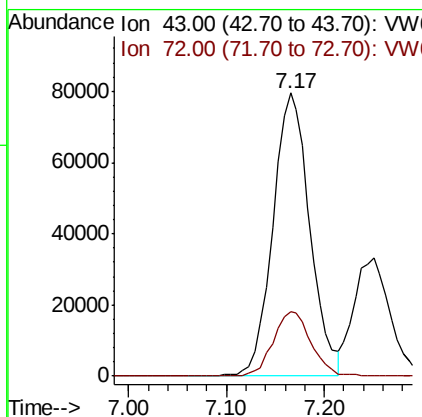
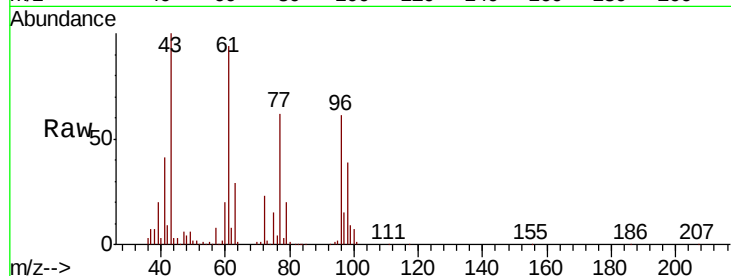
72 22.8 18.2 27.4

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#26

2,2-Dichloropropane

Concen: 48.041 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW012955.D

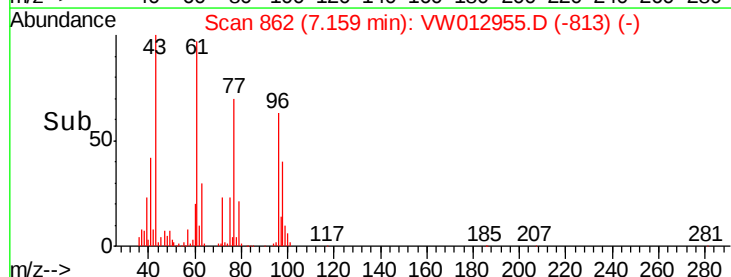
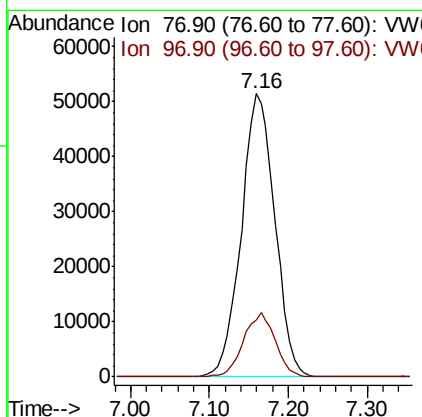
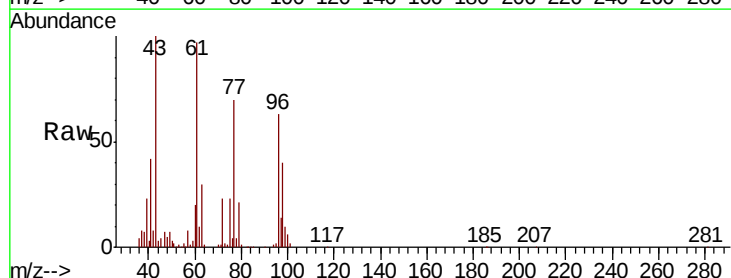
Acq: 13 Sep 2019 15:24

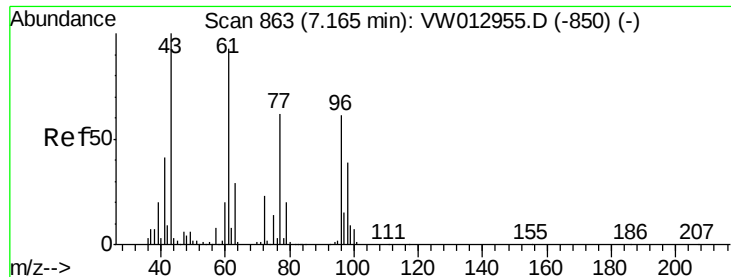
Tgt Ion: 77 Resp: 151712

Ion Ratio Lower Upper

77 100

97 21.4 10.7 32.1





#27

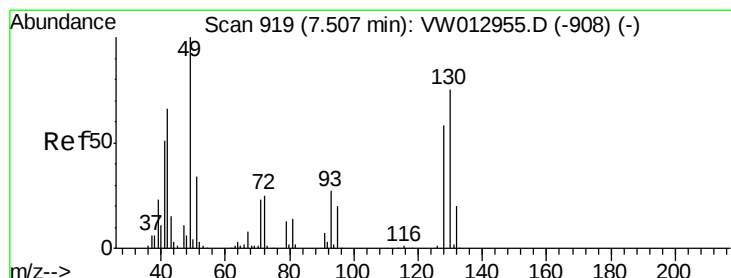
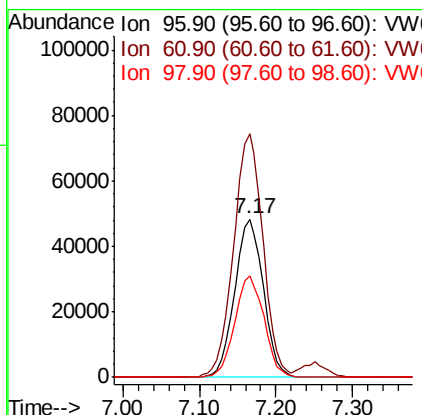
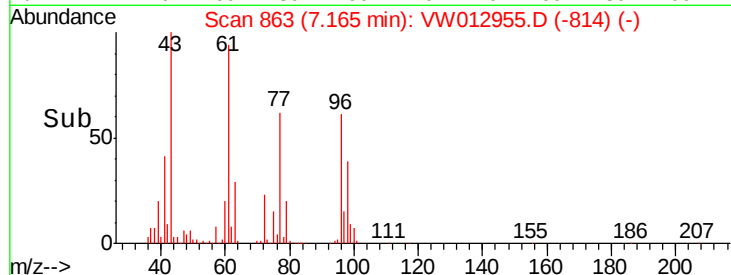
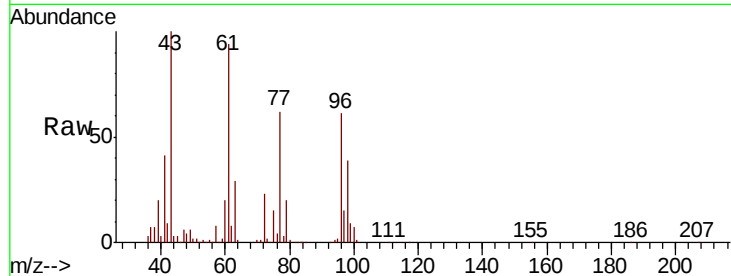
cis-1,2-Dichloroethene
Concen: 49.900 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	125318		
61	157.7	0.0	315.4	
98	65.5	0.0	131.0	

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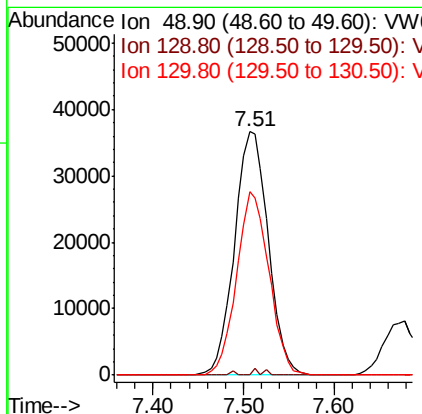
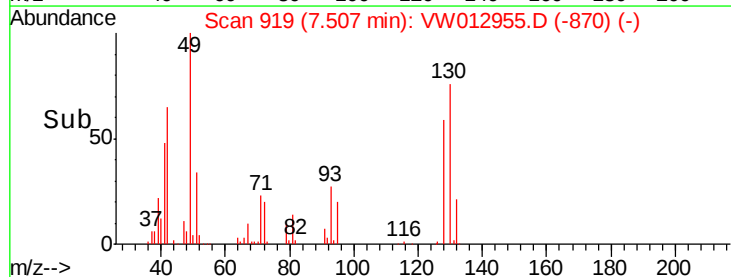
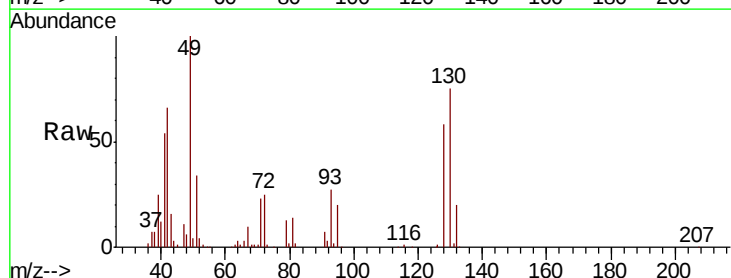
MMDadoda
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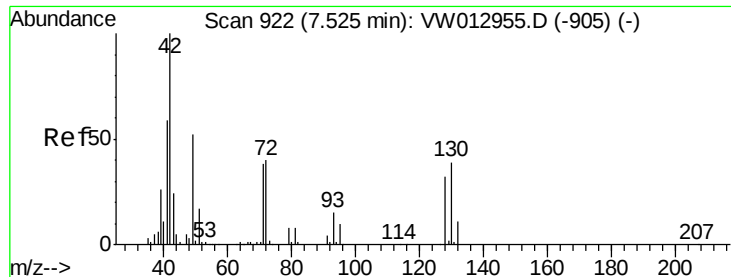


#28

Bromochloromethane
Concen: 50.466 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	94600		
129	0.7	0.0	1.4	
130	72.2	57.8	86.6	





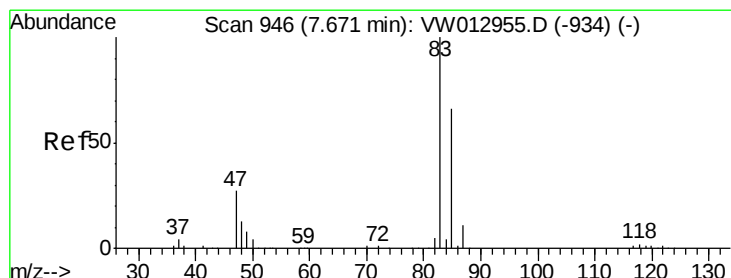
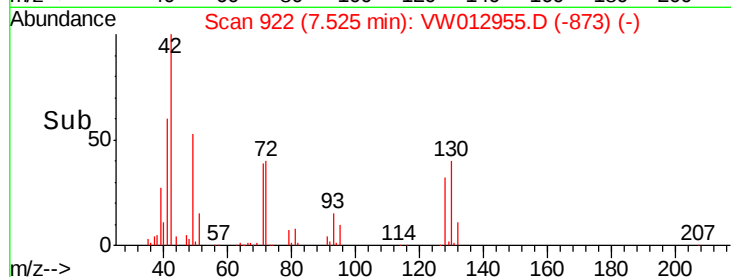
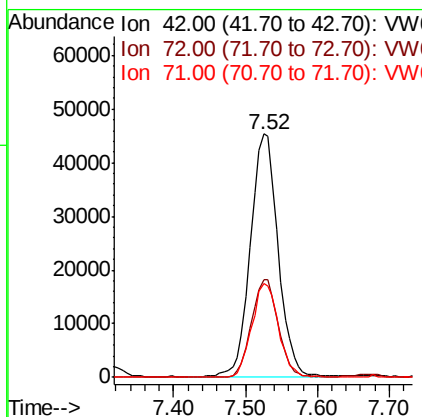
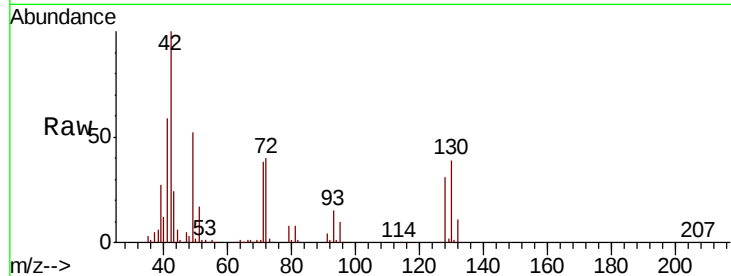
#29
Tetrahydrofuran
Concen: 255.497 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.2	31.4	47.0
71	37.3	29.8	44.8

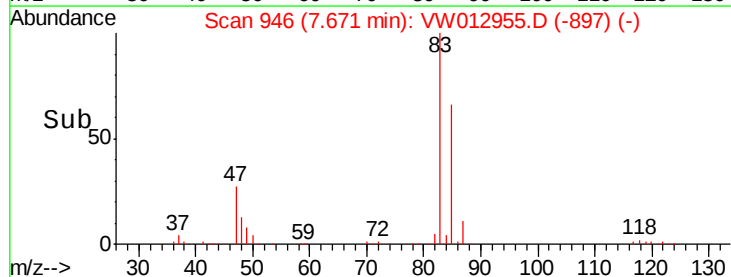
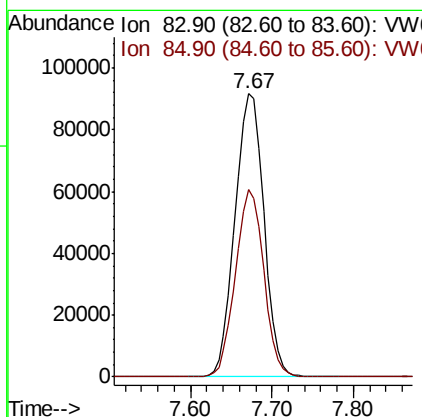
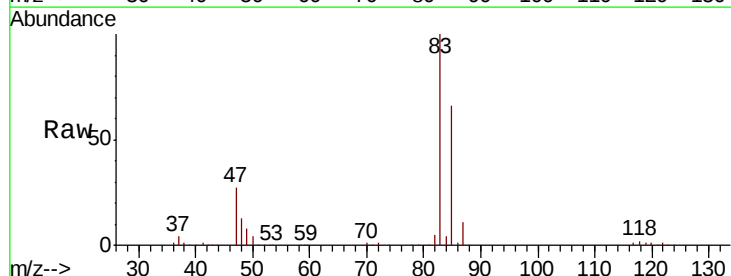
Manual Integrations
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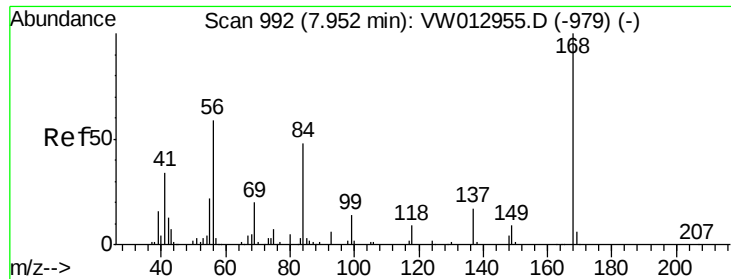
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9/16/2019 12:43:41 AM



#30
Chloroform
Concen: 49.880 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.8	79.2





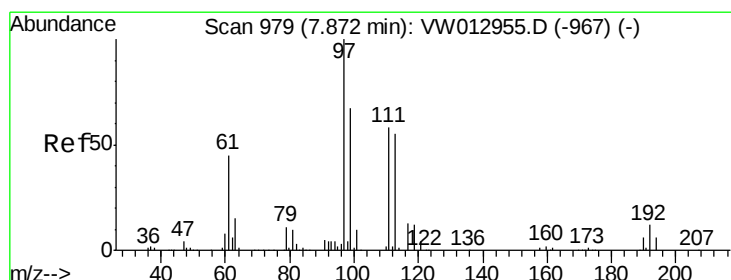
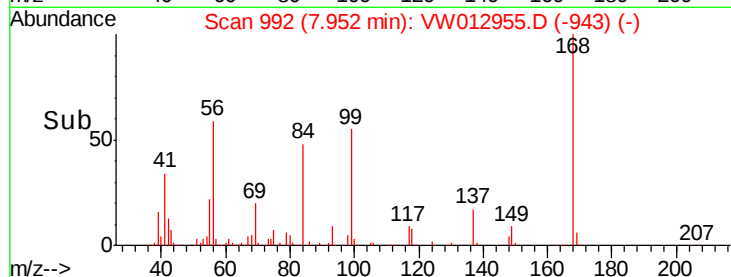
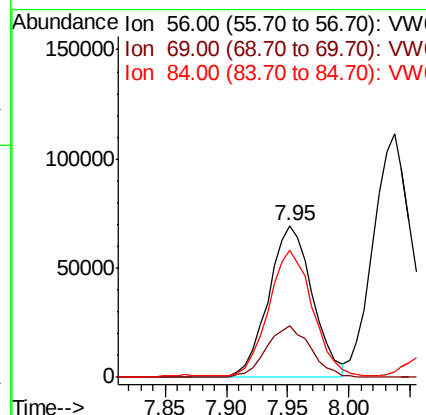
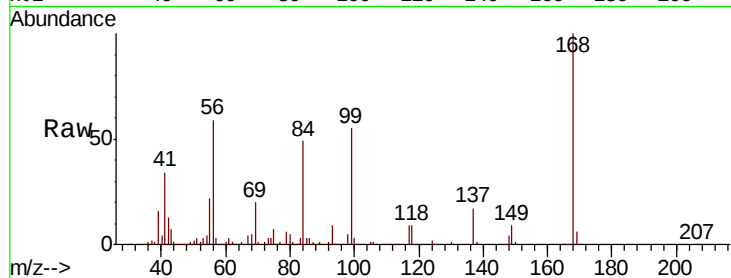
#31
Cyclohexane
Concen: 45.887 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.8	27.0	40.6
84	82.7	66.2	99.2

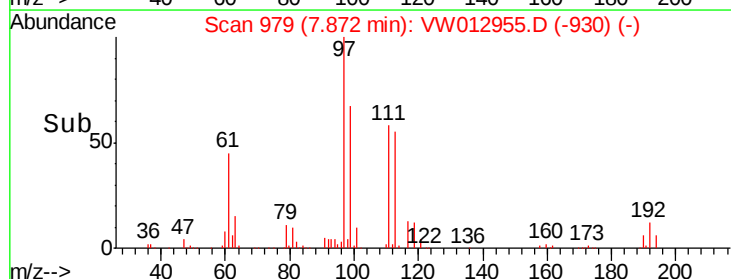
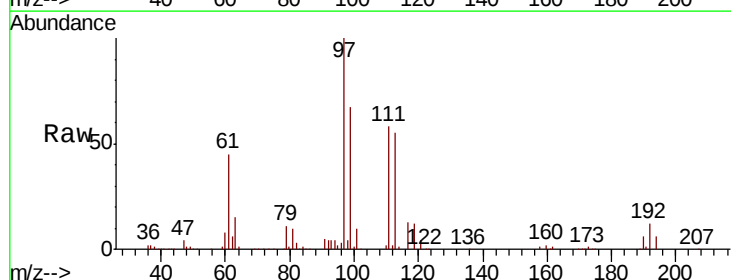
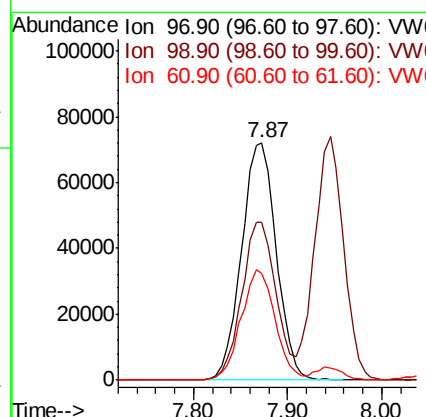
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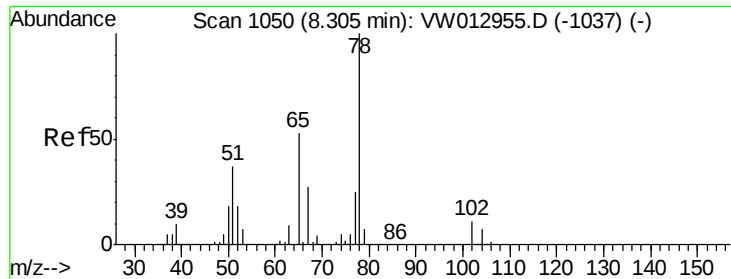
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#32
1,1,1-Trichloroethane
Concen: 49.973 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.2	53.0	79.4
61	45.6	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 52.079 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 136478

Ion Ratio Lower Upper

65 100

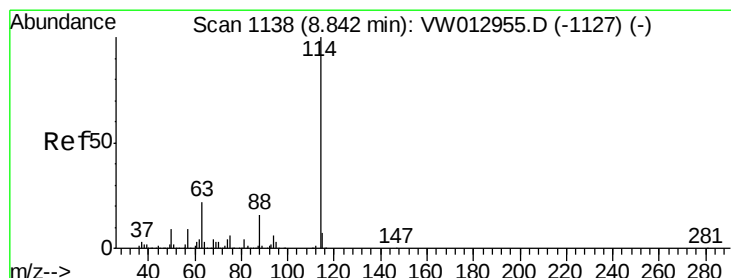
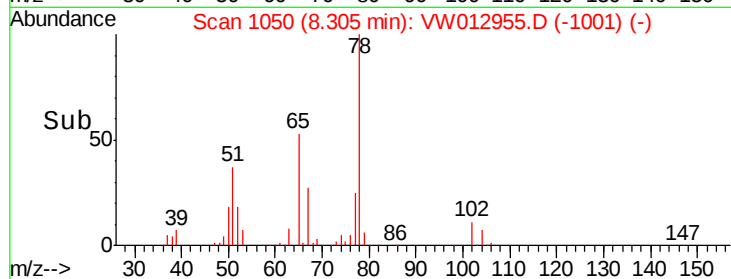
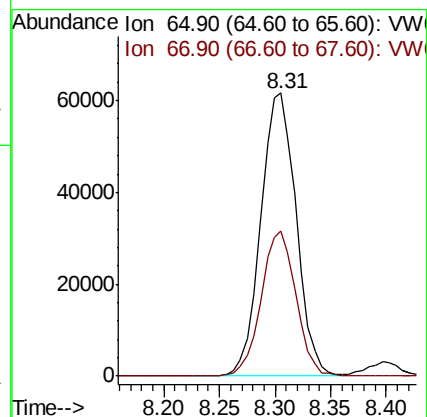
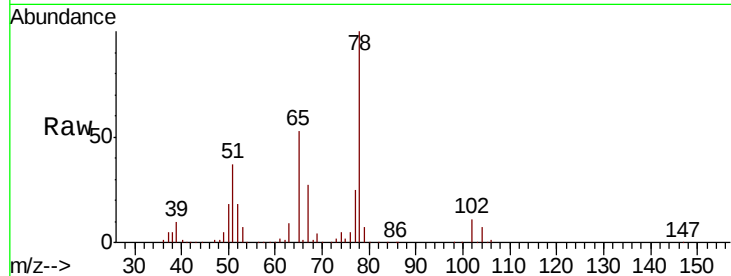
67 50.6 0.0 101.2

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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: VW012955.D

Acq: 13 Sep 2019 15:24

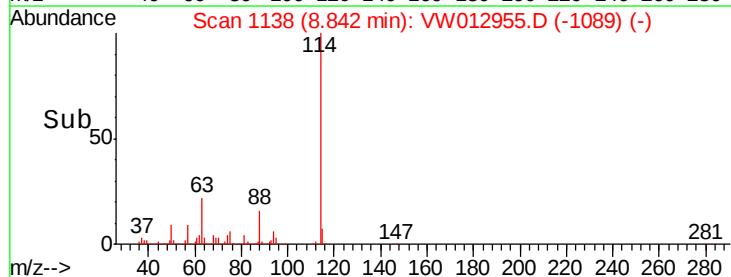
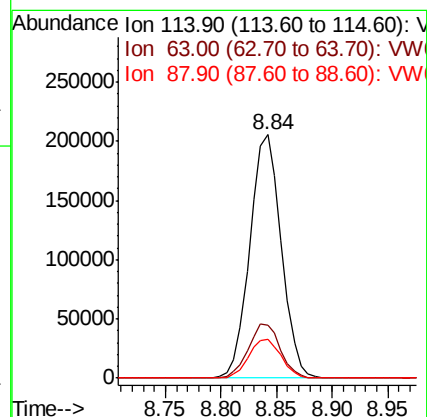
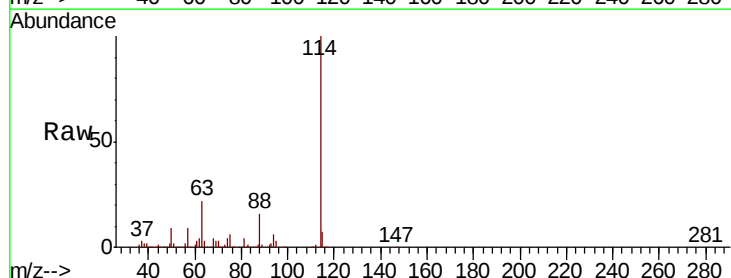
Tgt Ion: 114 Resp: 404566

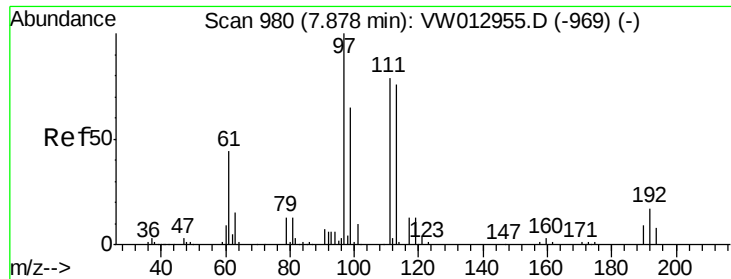
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.4

88 15.8 0.0 31.6





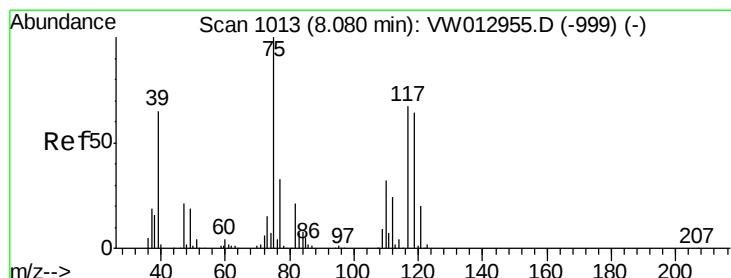
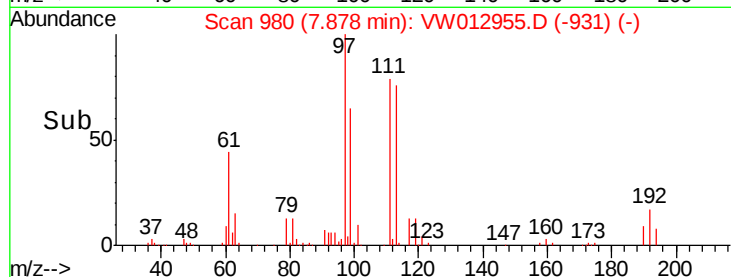
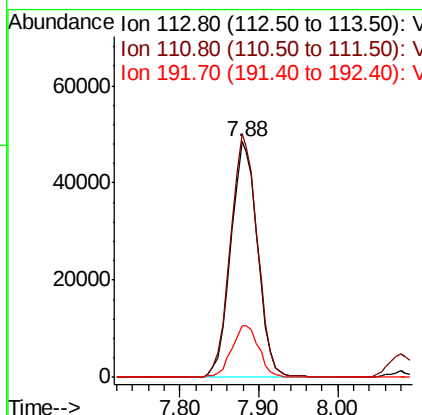
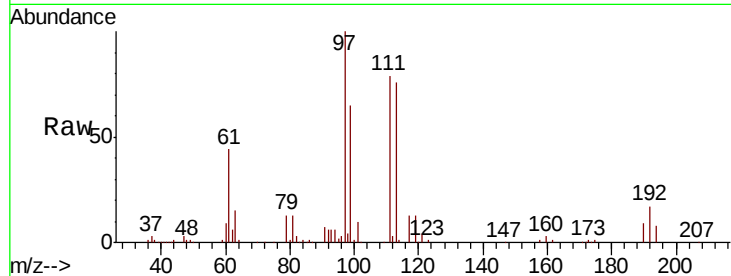
#35
Dibromofluoromethane
Concen: 52.129 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	114434		
111	103.5	82.8	124.2	
192	22.3	17.8	26.8	

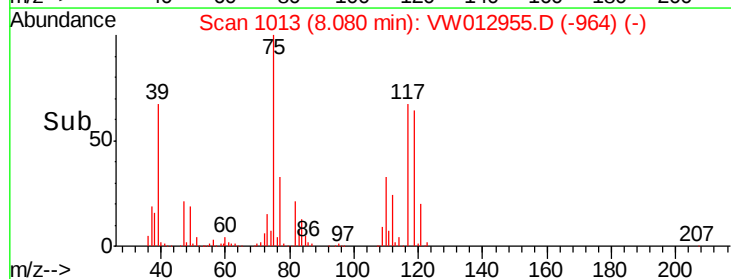
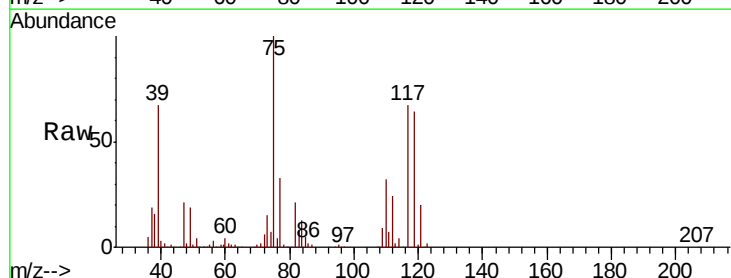
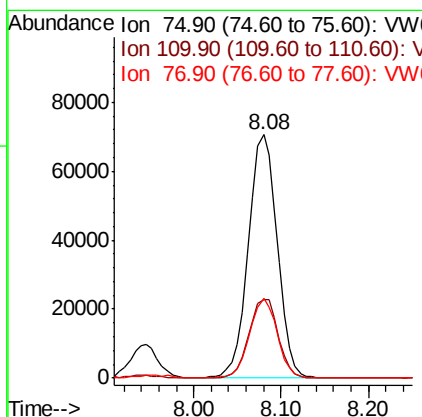
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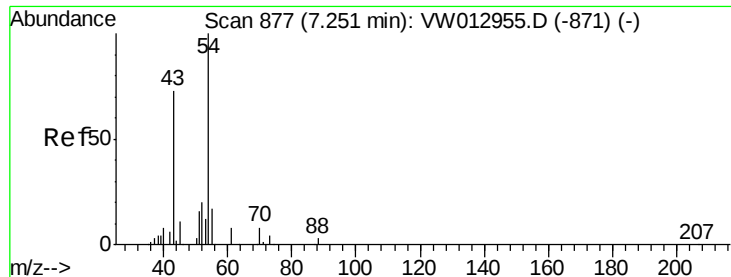
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#36
1,1-Dichloropropene
Concen: 50.166 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	162180		
110	32.7	16.4	49.1	
77	31.4	25.1	37.7	





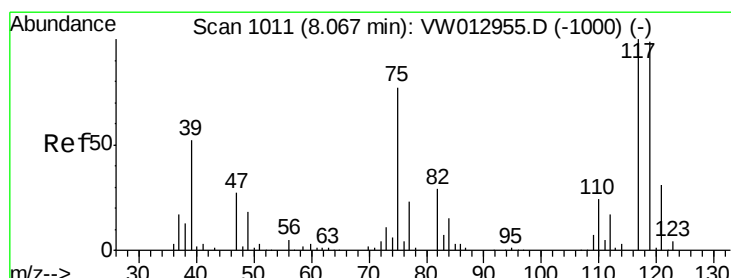
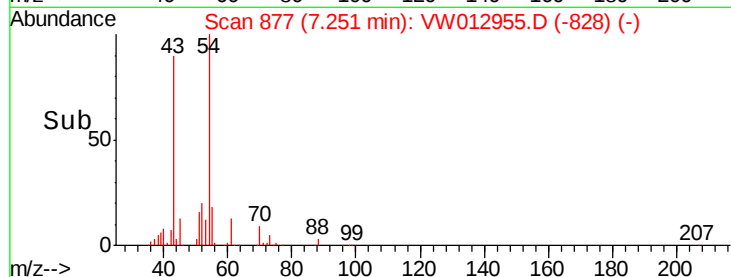
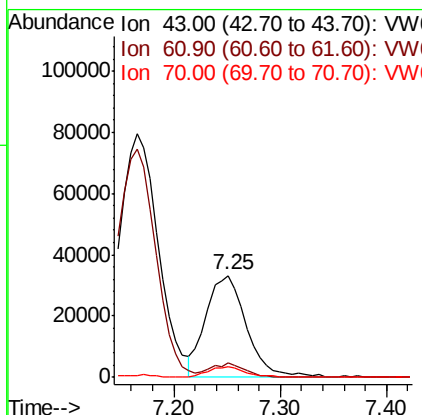
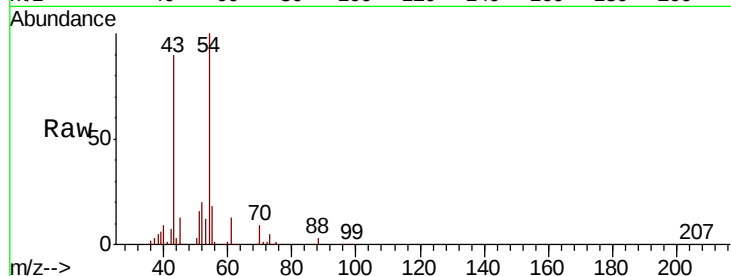
#37
Ethyl Acetate
Concen: 50.003 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.6	14.4
70	9.5	7.6	11.4

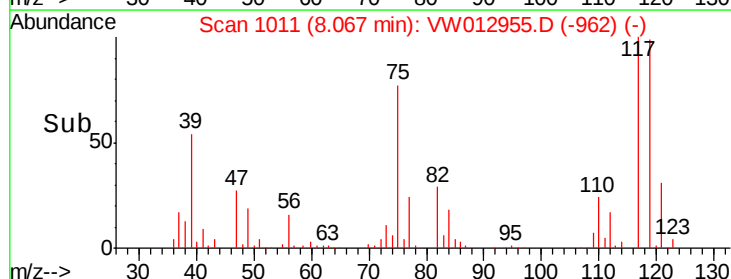
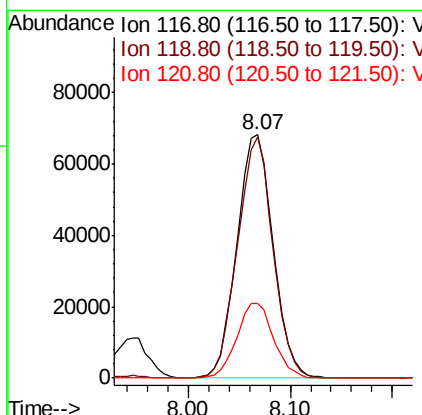
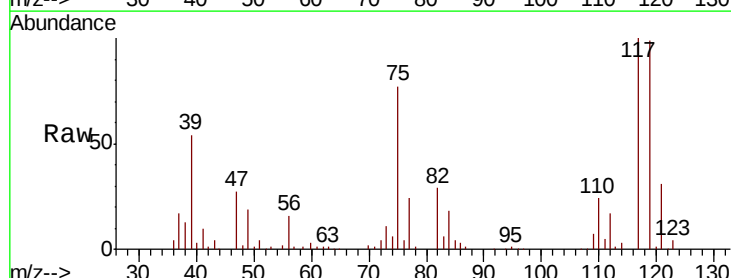
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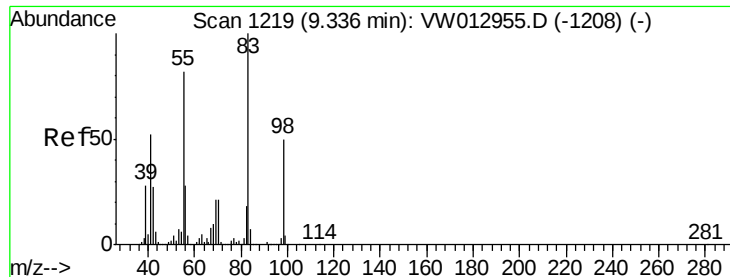
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#38
Carbon Tetrachloride
Concen: 50.779 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	79.4	119.0
121	30.7	24.6	36.8





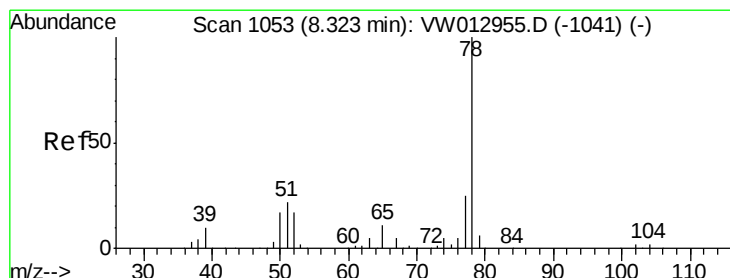
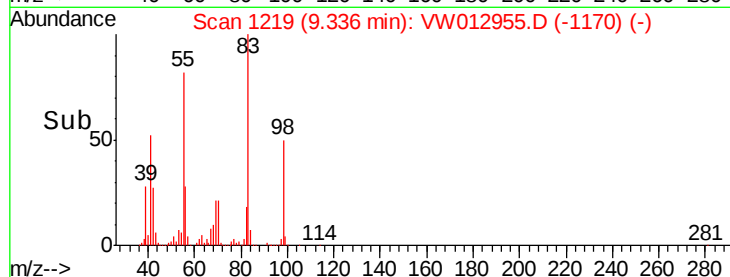
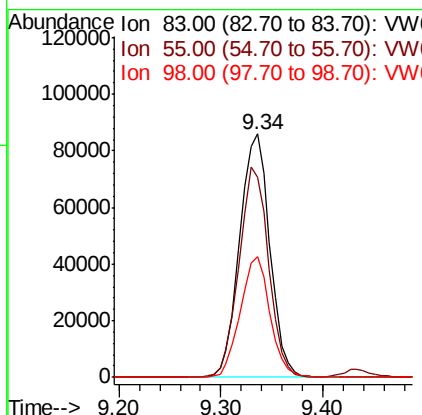
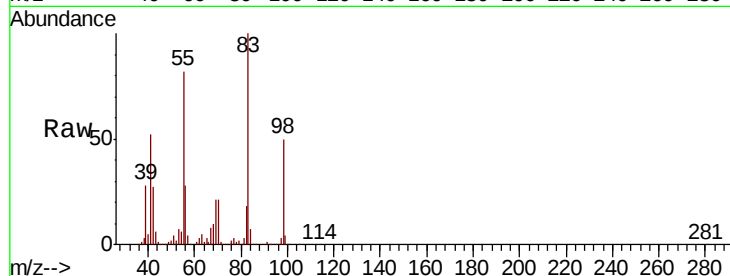
#39
Methylcyclohexane
Concen: 49.902 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.4	65.9	98.9
98	49.5	39.6	59.4

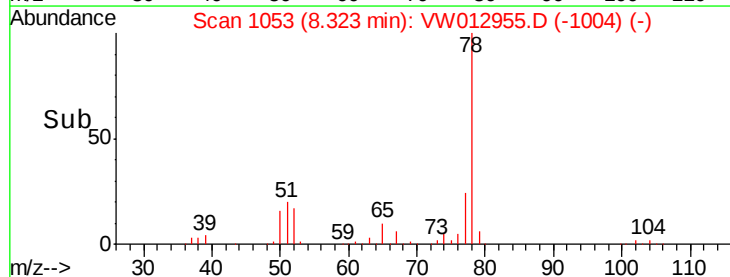
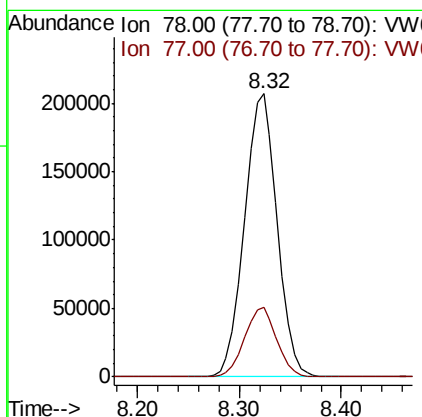
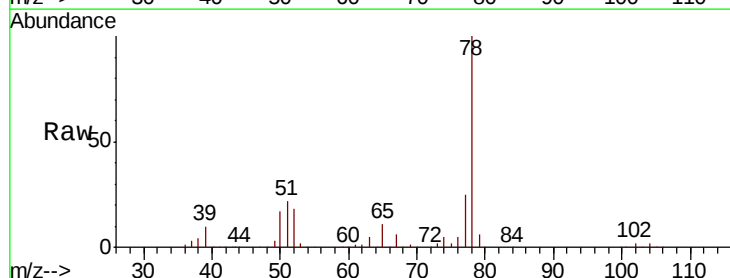
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#40
Benzene
Concen: 50.875 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.6	29.4





#41

Methacrylonitrile

Concen: 50.360 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

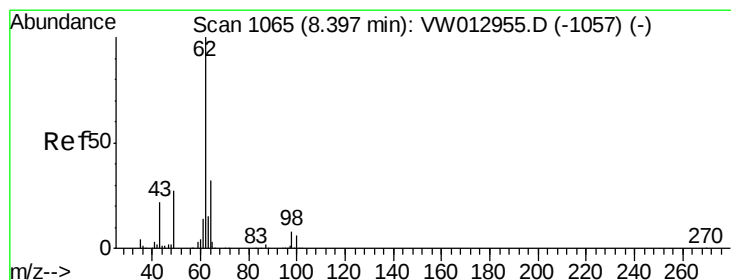
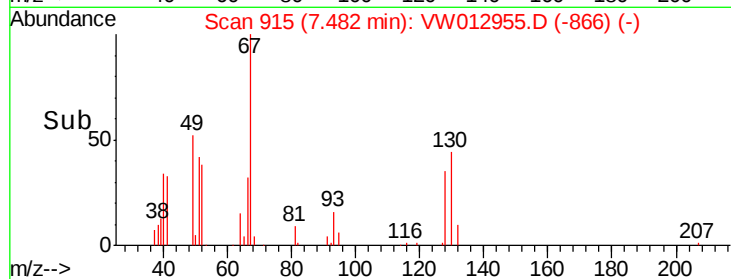
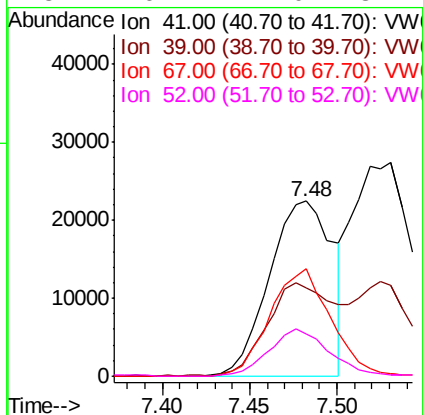
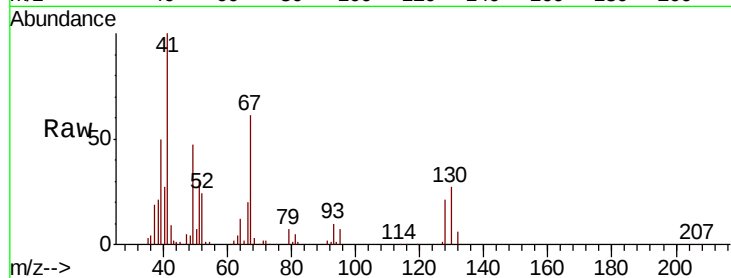
ClientSampleId :

VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.3	48.2	72.4
67	59.4	47.5	71.3
52	26.2	21.0	31.4

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.795 ug/l

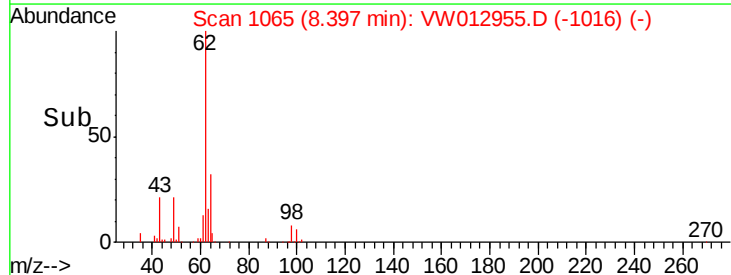
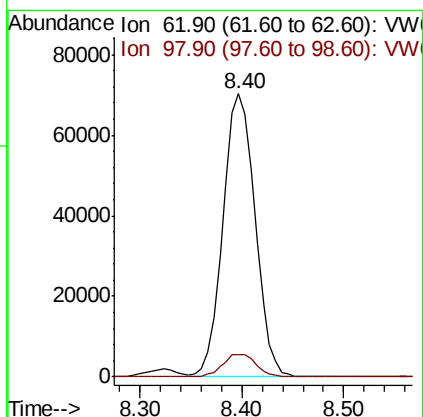
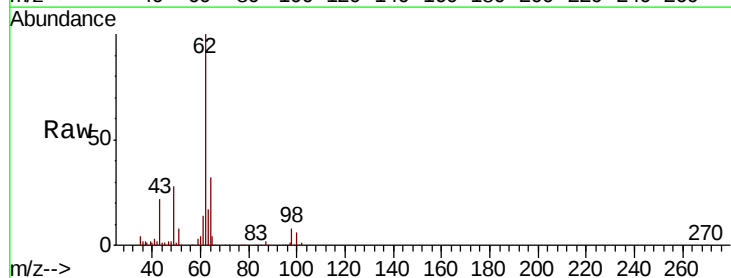
RT: 8.40 min Scan# 1065

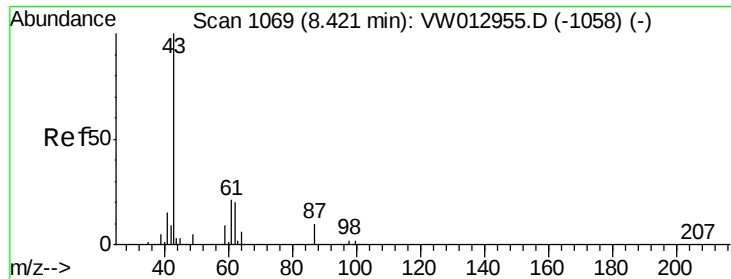
Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8





#43

Isopropyl Acetate

Concen: 51.561 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

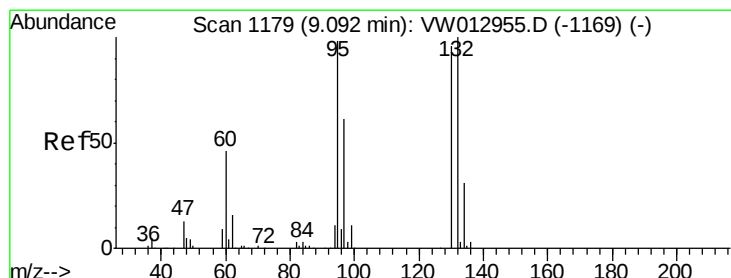
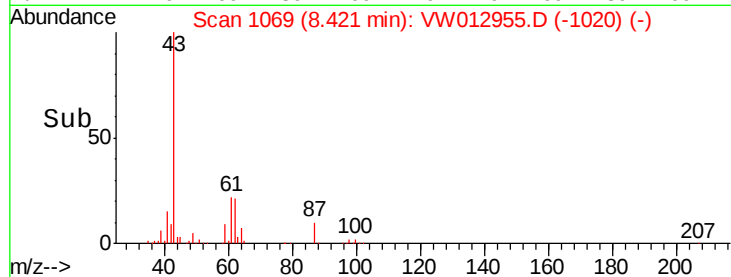
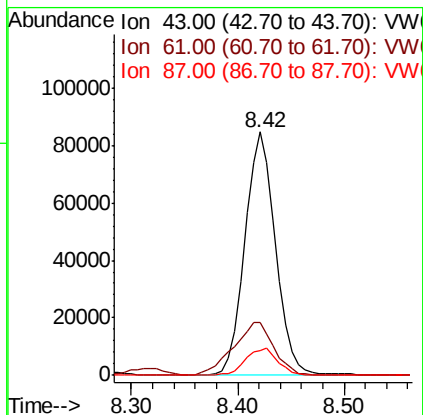
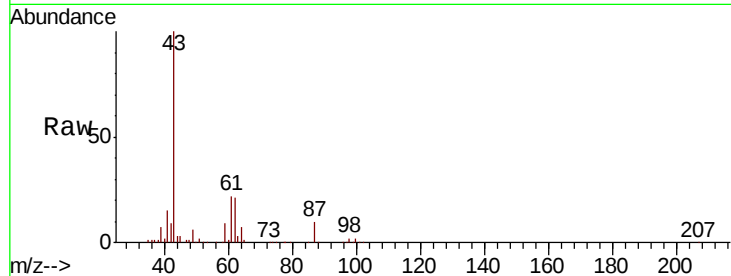
ClientSampleId :

VSTDICCC050

Tgt Ion:	43	Resp:	169878
Ion	Ratio	Lower	Upper
43	100		
61	28.4	22.7	34.1
87	11.8	9.4	14.2

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#44

Trichloroethene

Concen: 49.937 ug/l

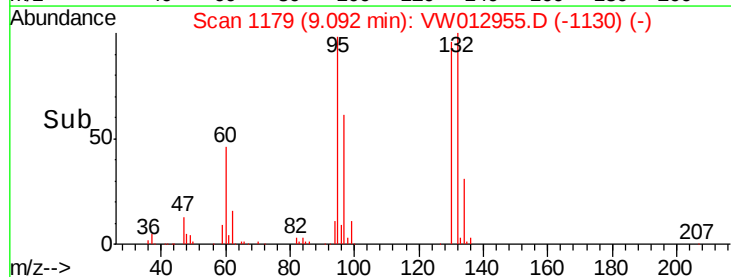
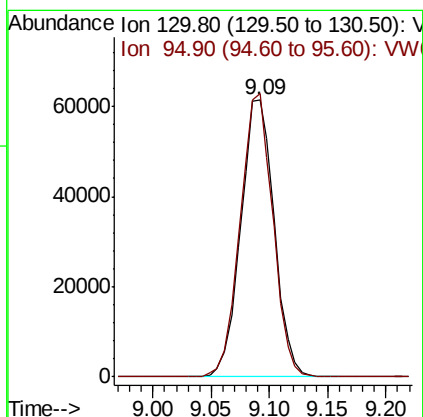
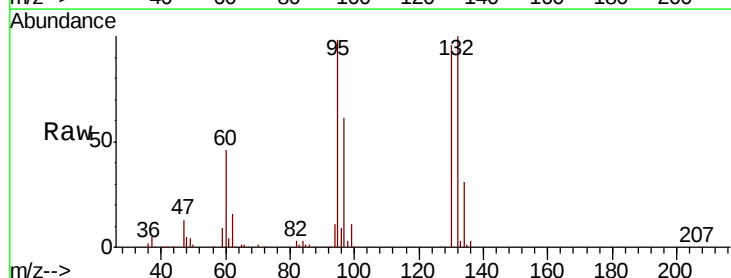
RT: 9.09 min Scan# 1179

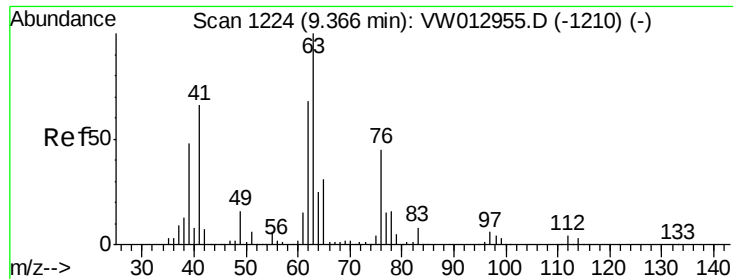
Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Tgt Ion:	130	Resp:	123445
Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	204.4





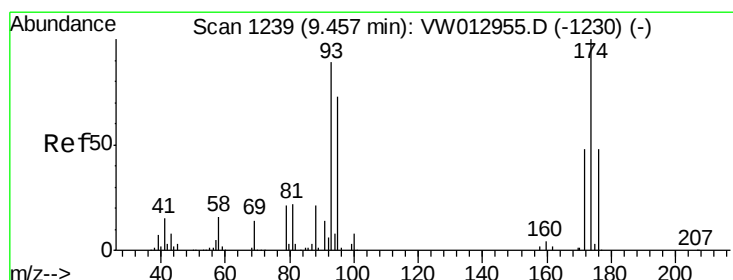
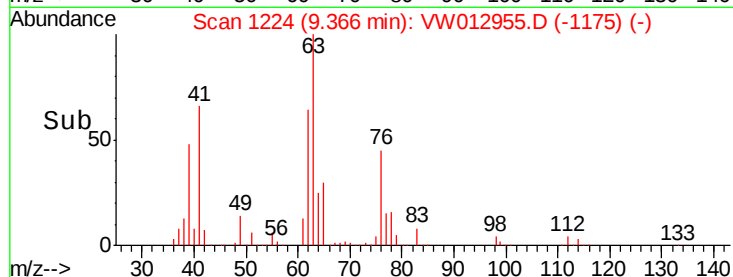
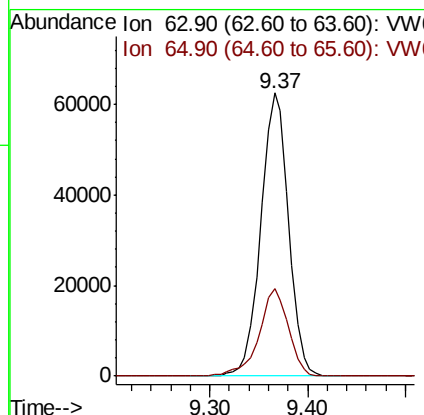
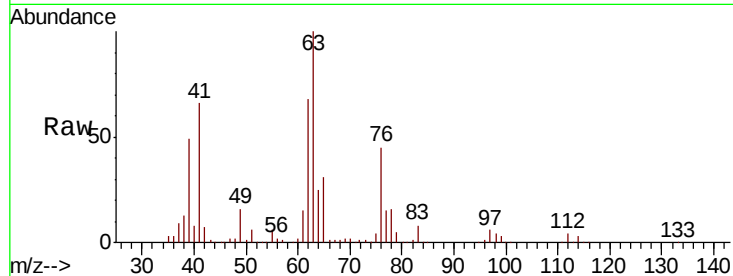
#45
 1,2-Dichloropropane
 Concen: 51.546 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 63 Resp: 123597
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 37.0

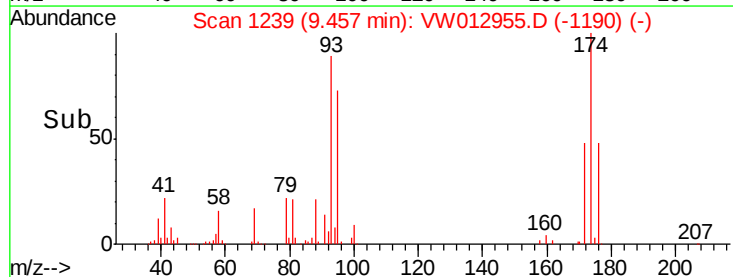
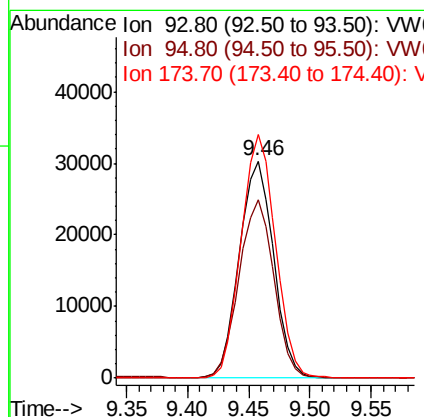
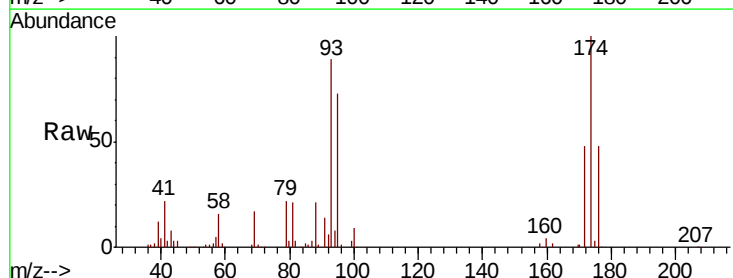
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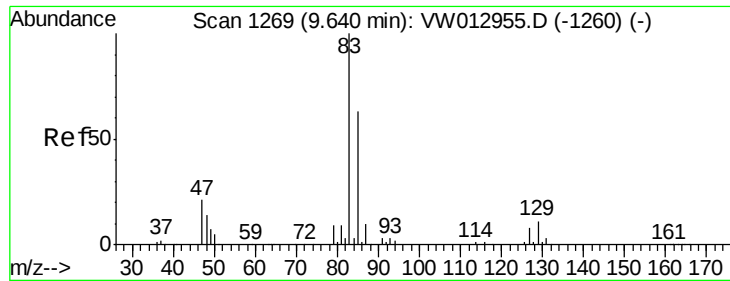
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 9/16/2019 12:43:41 AM



#46
 Dibromomethane
 Concen: 51.354 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Tgt Ion: 93 Resp: 58995
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.4
 174 113.1 90.5 135.7





#47

Bromodichloromethane

Concen: 52.308 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

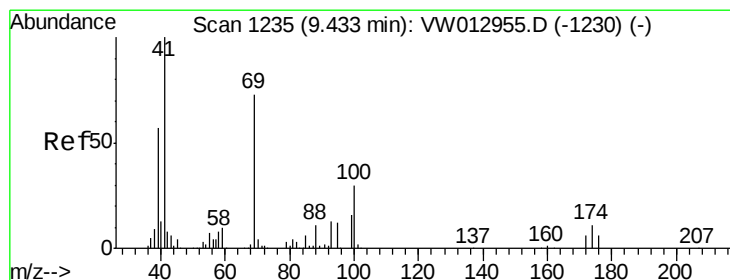
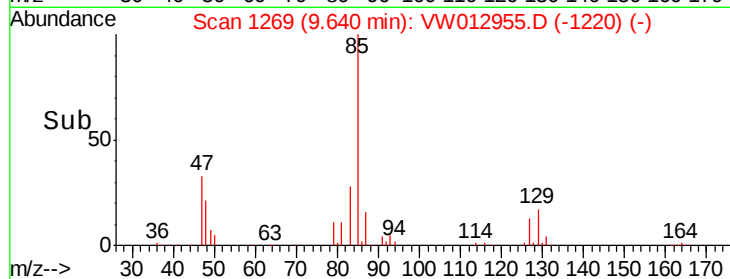
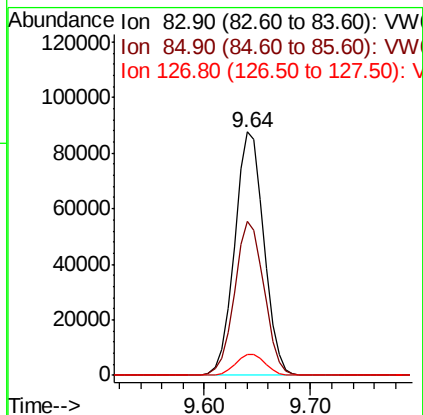
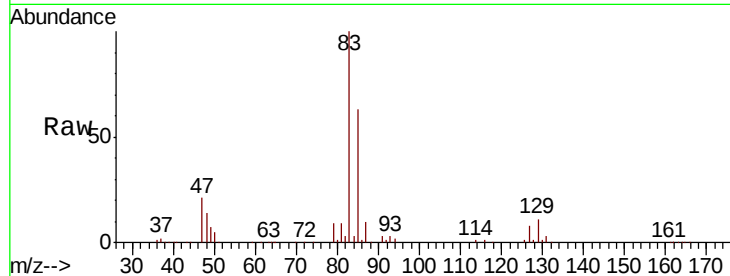
ClientSampleId :

VSTDICCC050

Tgt Ion:	83	Resp:	168555
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.6	75.8
127	8.4	6.7	10.1

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#48

Methyl methacrylate

Concen: 51.218 ug/l

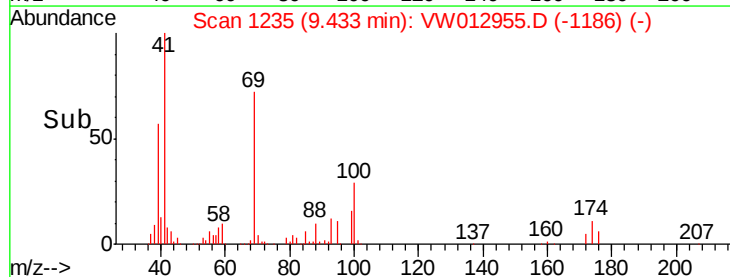
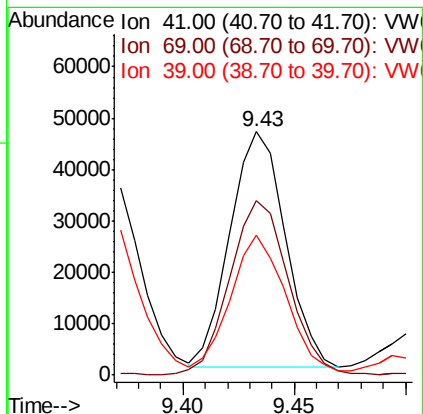
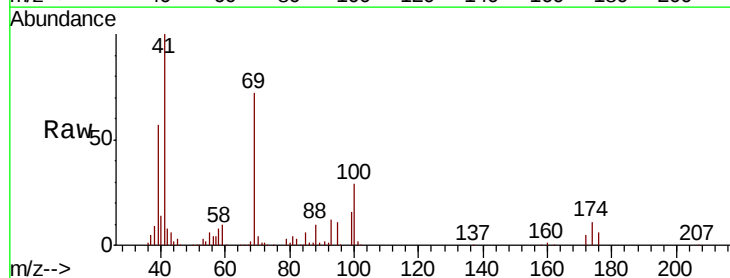
RT: 9.43 min Scan# 1235

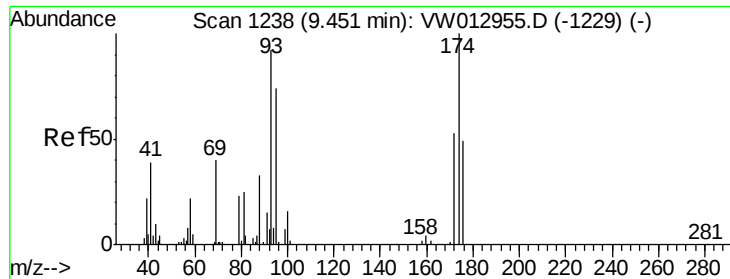
Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Tgt Ion:	41	Resp:	79196
Ion	Ratio	Lower	Upper
41	100		
69	78.5	62.8	94.2
39	60.6	48.5	72.7





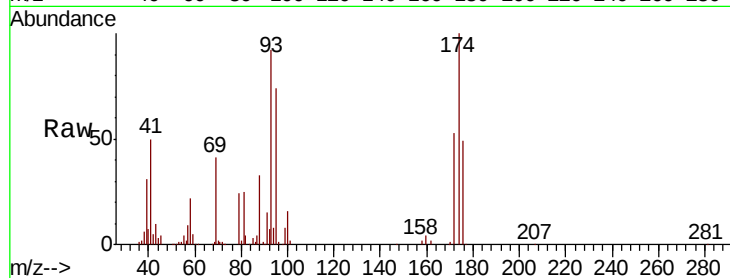
#49
1,4-Dioxane
Concen: 1049.284 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	20198		
43	39.1	31.3	46.9	
58	75.2	60.2	90.2	

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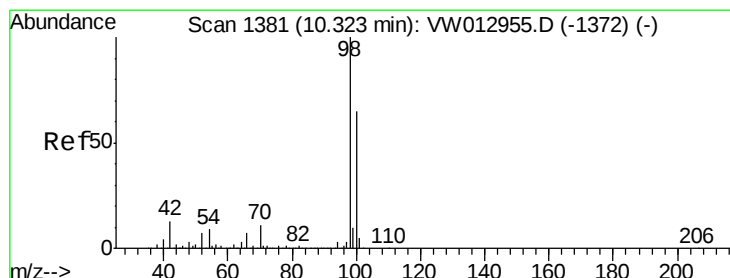
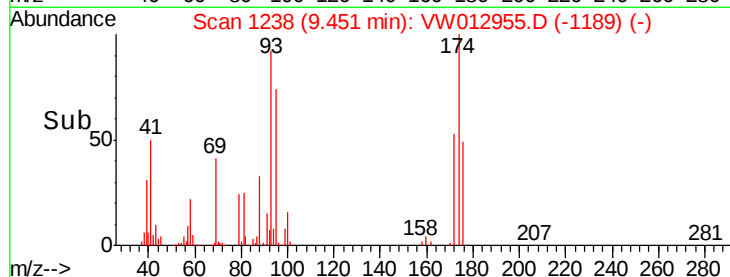
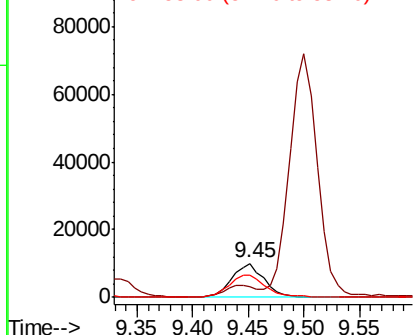


Abundance

Ion 88.00 (87.70 to 88.70): VW

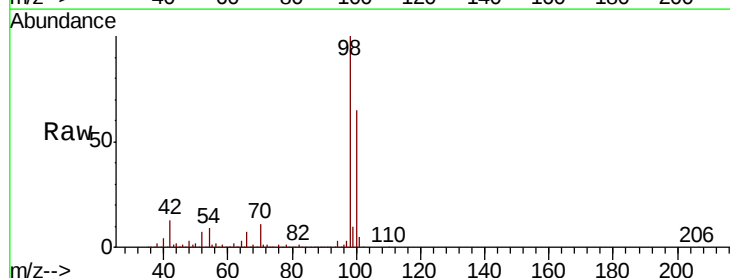
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 54.083 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

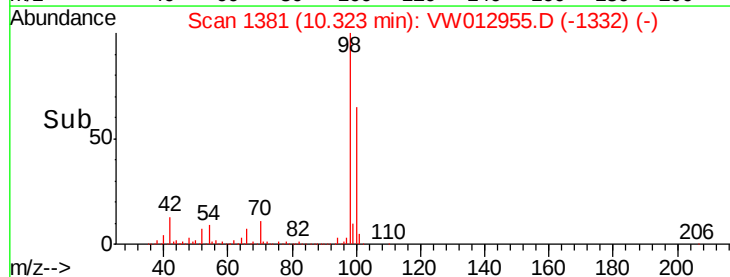
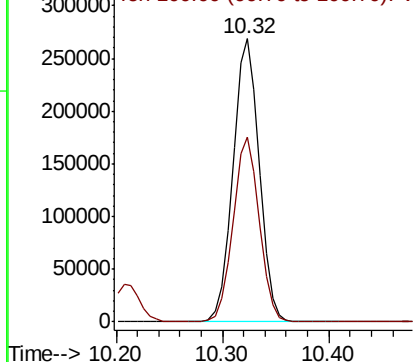
Tgt Ion	Ratio	Resp	Lower	Upper
98	100	464583		
100	65.1	52.1	78.1	

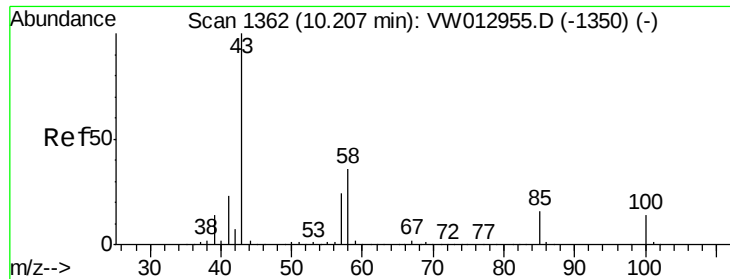


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 257.827 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tgt Ion: 43 Resp: 438555
Ion Ratio Lower Upper

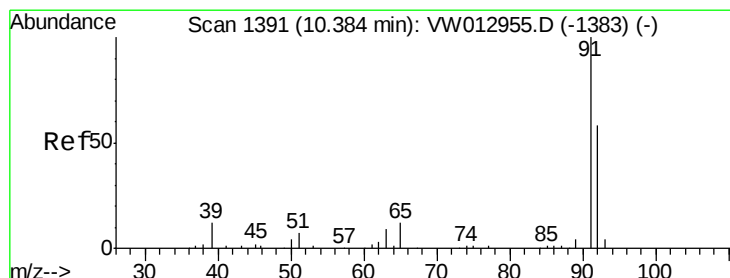
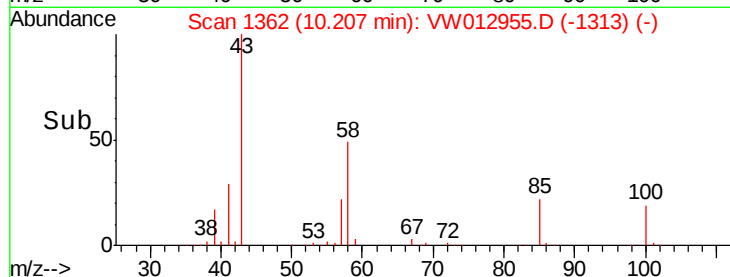
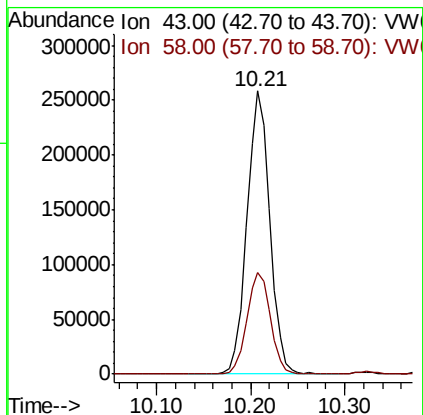
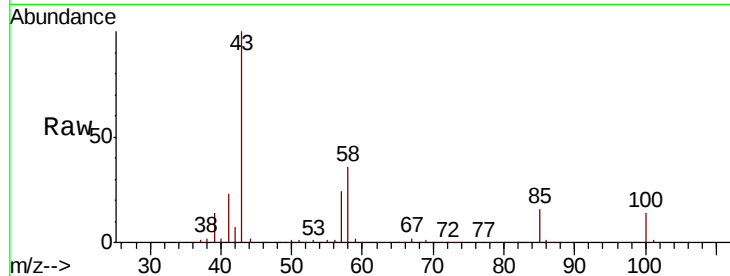
43 100

58 36.9 29.5 44.3

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#52

Toluene

Concen: 51.469 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

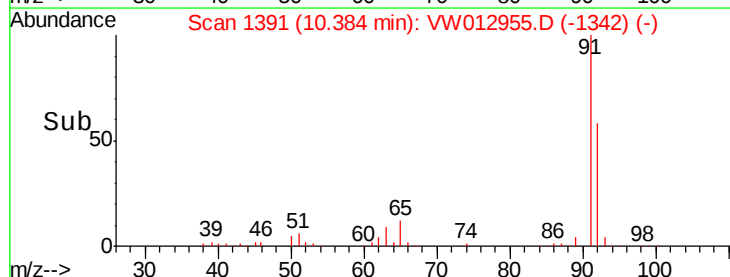
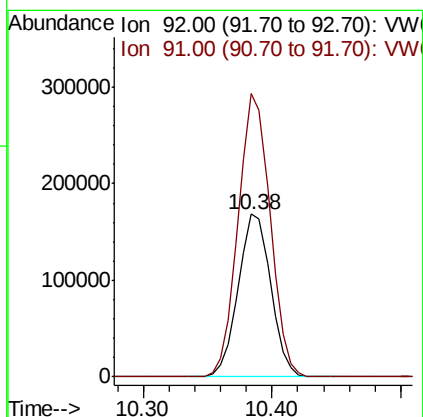
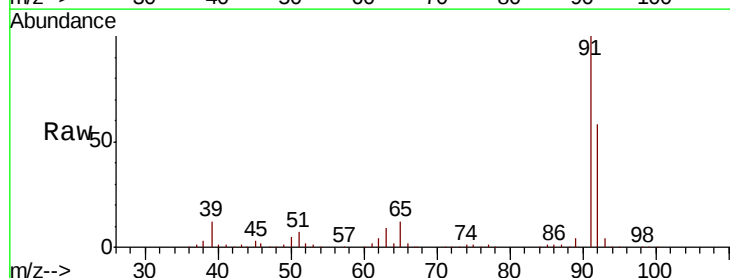
Lab File: VW012955.D

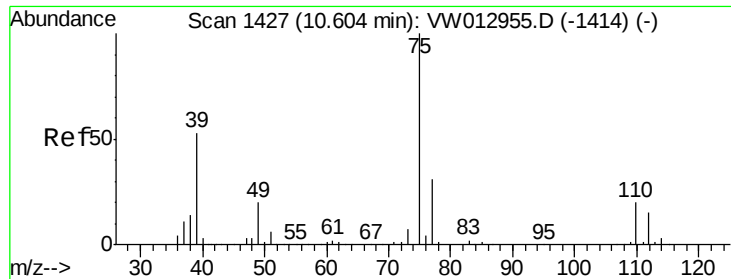
Acq: 13 Sep 2019 15:24

Tgt Ion: 92 Resp: 295168
Ion Ratio Lower Upper

92 100

91 171.9 137.5 206.3





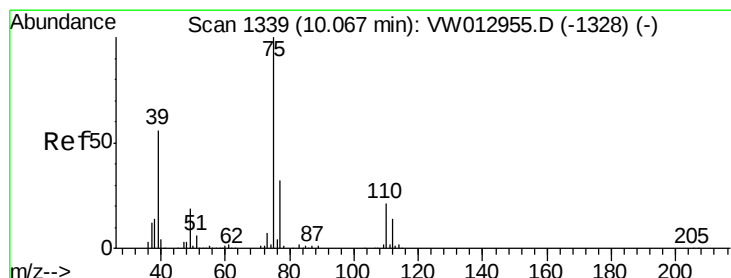
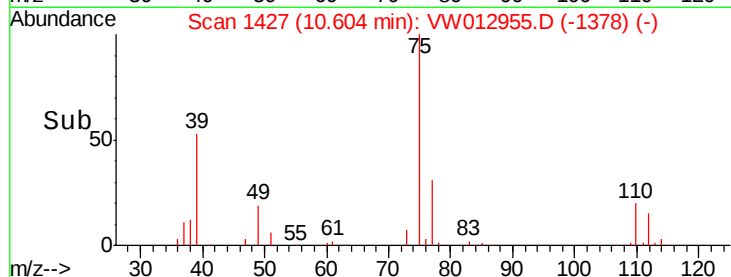
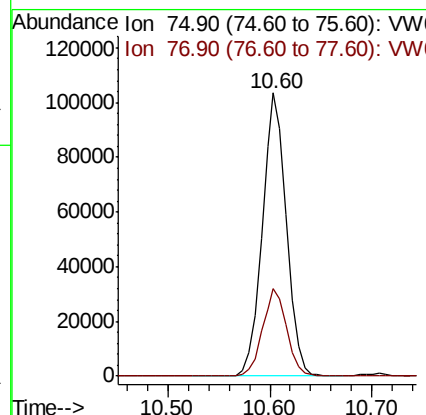
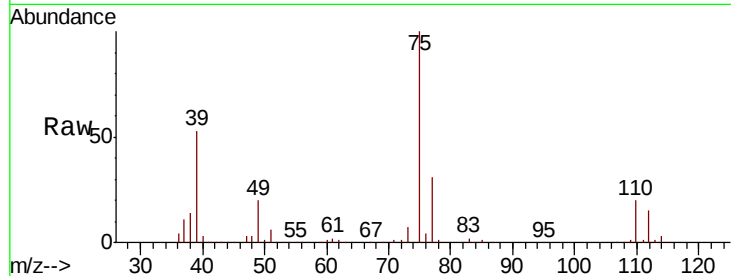
#53
t-1,3-Dichloropropene
Concen: 52.444 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 169959
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0

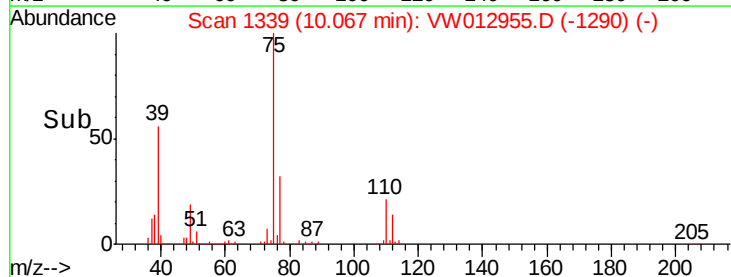
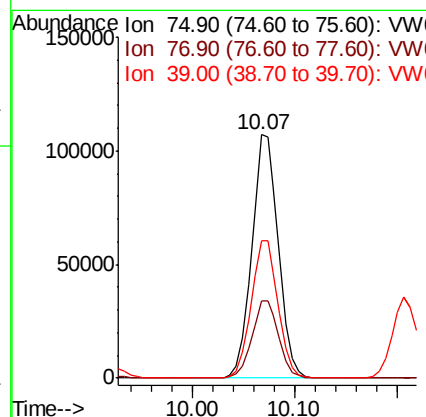
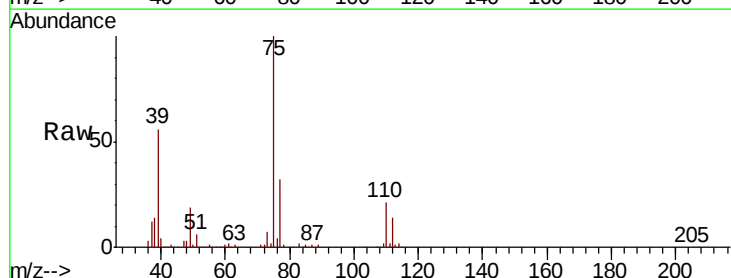
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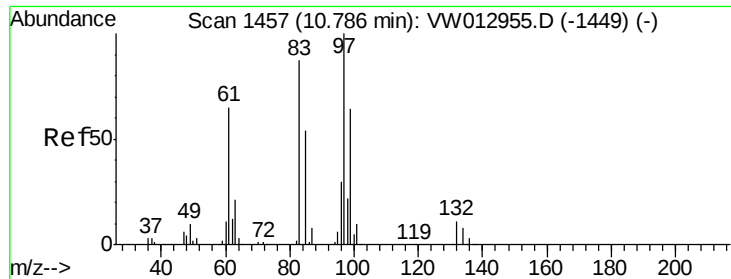
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#54
cis-1,3-Dichloropropene
Concen: 52.183 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Tgt Ion: 75 Resp: 193496
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 56.3 45.0 67.6





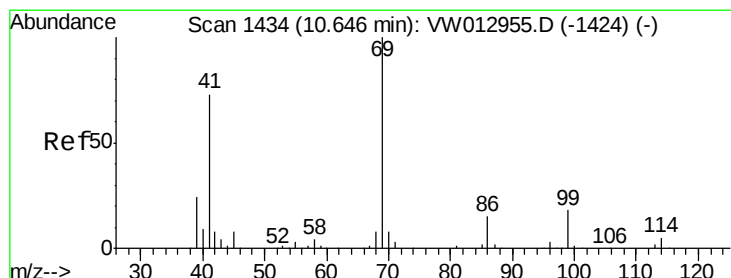
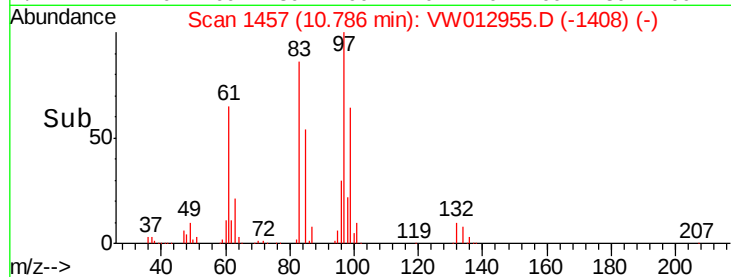
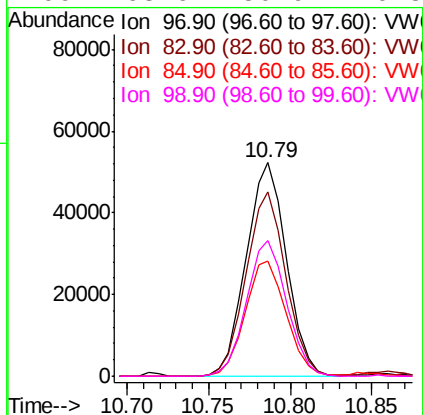
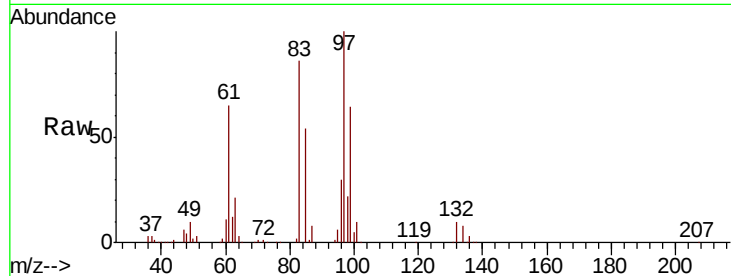
#55
 1,1,2-Trichloroethane
 Concen: 50.841 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.4	104.0
85	54.1	43.3	64.9
99	63.6	50.9	76.3

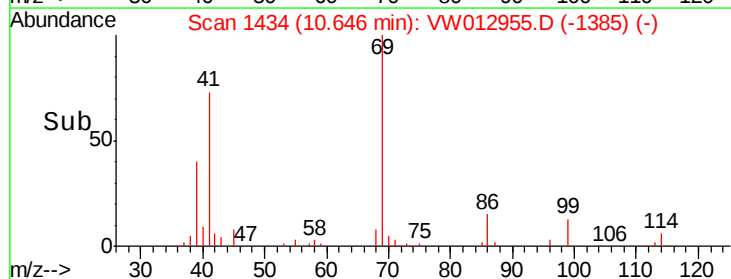
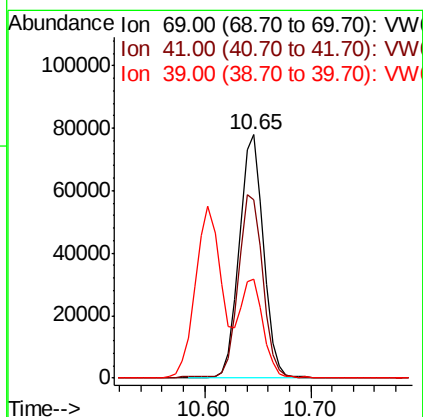
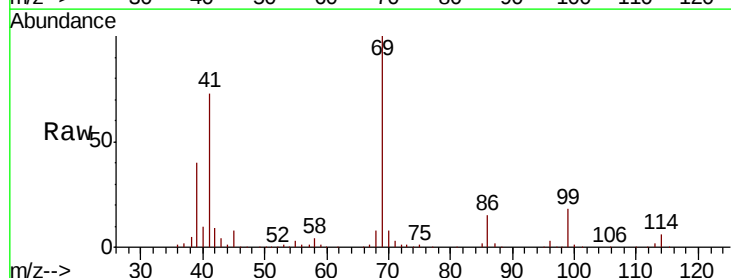
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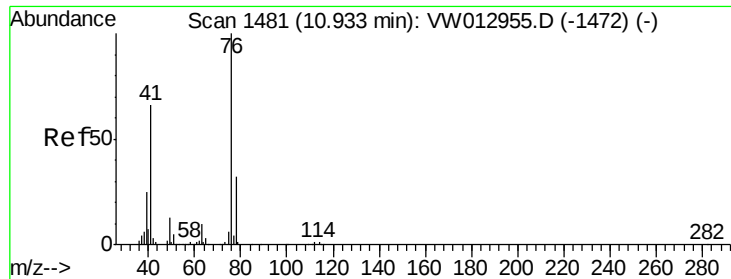
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#56
 Ethyl methacrylate
 Concen: 53.075 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.0	60.8	91.2
39	36.7	29.4	44.0





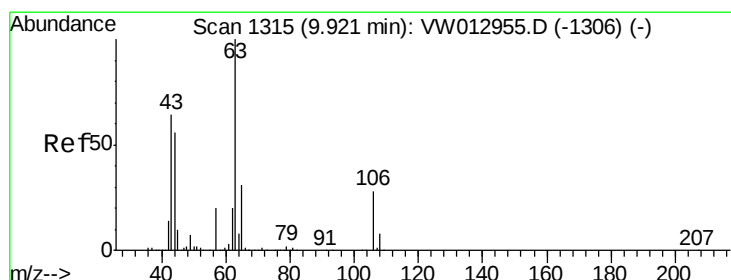
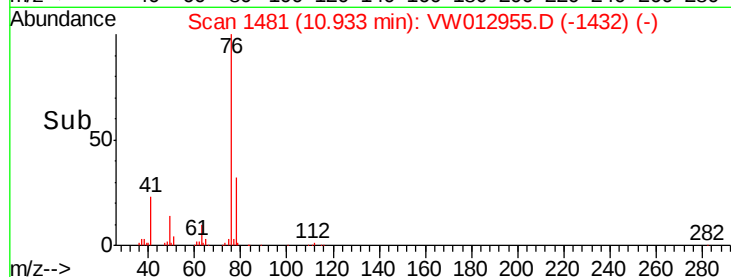
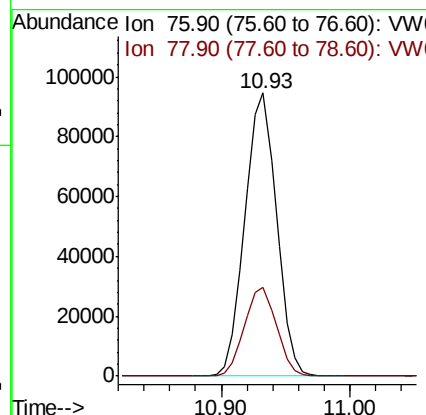
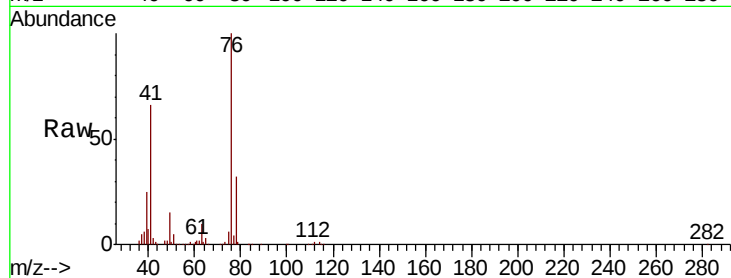
#57
 1,3-Dichloropropane
 Concen: 51.754 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 76 Resp: 160667
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4

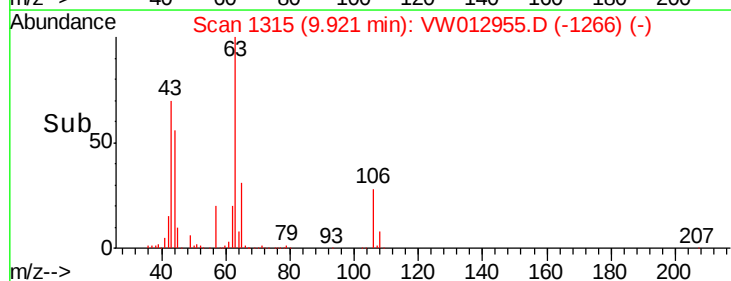
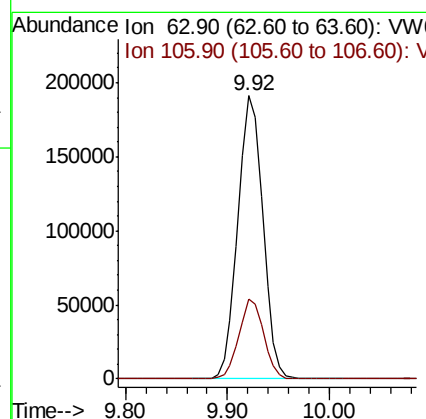
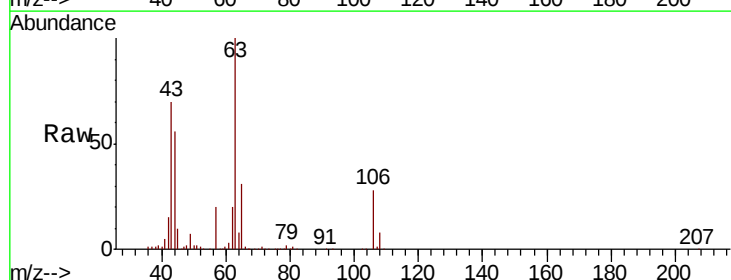
Manual Integrations
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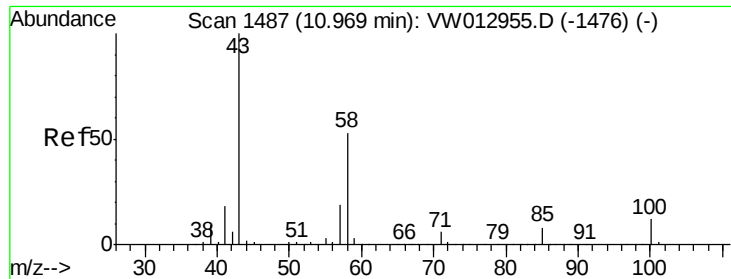
MMDadoda
 9/16/2019 12:43:41 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.867 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Tgt Ion: 63 Resp: 324583
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.2 33.2





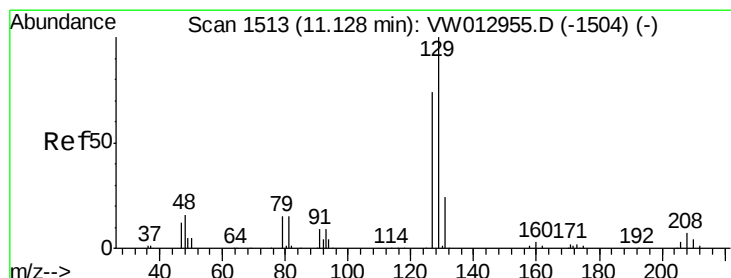
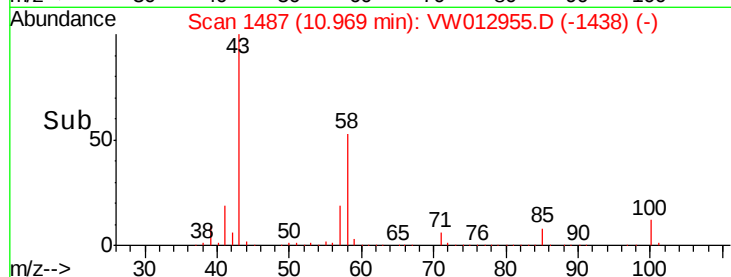
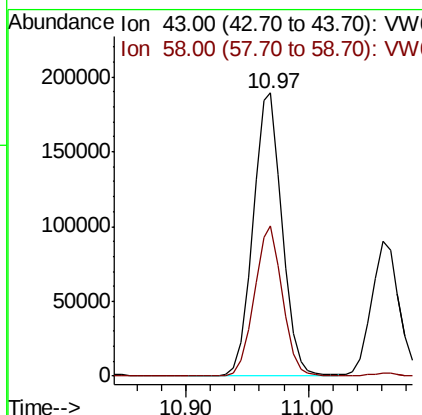
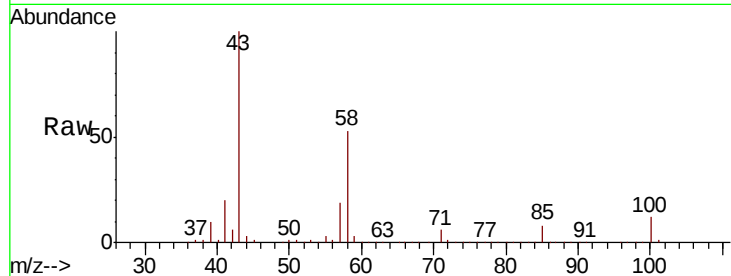
#59
2-Hexanone
Concen: 263.647 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 312264
Ion Ratio Lower Upper
43 100
58 51.5 25.8 77.3

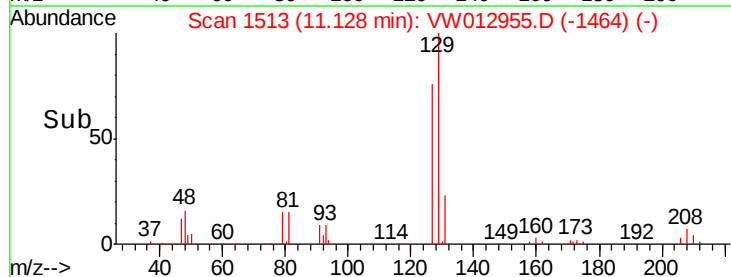
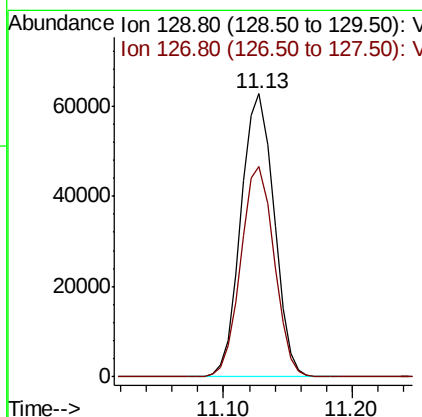
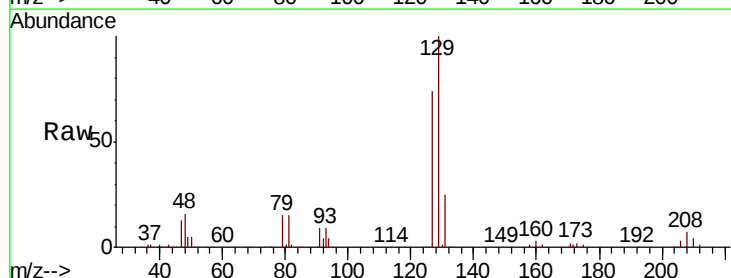
Manual Integrations
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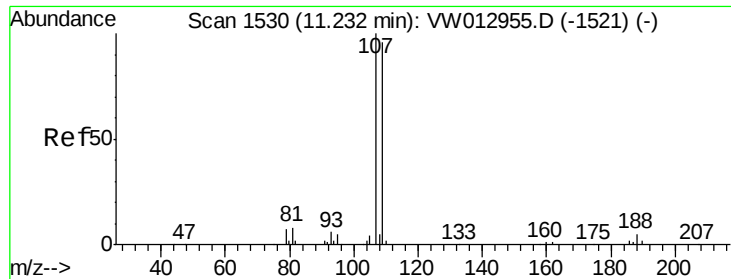
MMDadoda
9/16/2019 12:43:41 AM



#60
Dibromochloromethane
Concen: 52.716 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Tgt Ion: 129 Resp: 111537
Ion Ratio Lower Upper
129 100
127 74.8 37.4 112.2





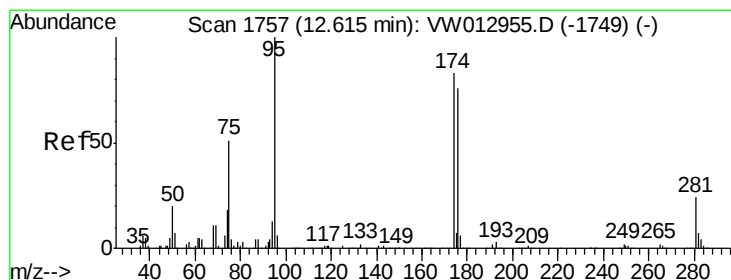
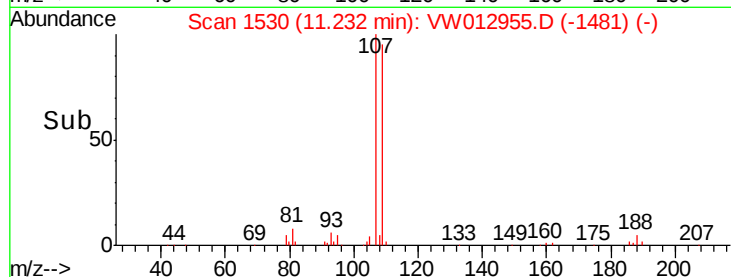
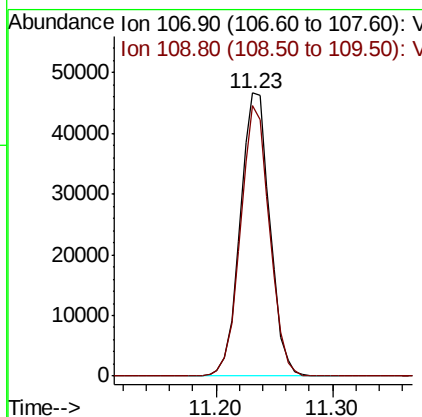
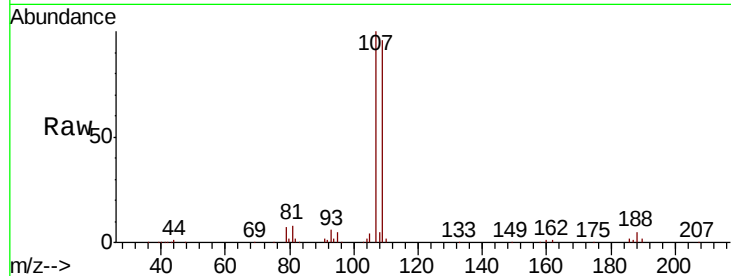
#61
 1,2-Dibromoethane
 Concen: 51.874 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 107 Resp: 82814
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6

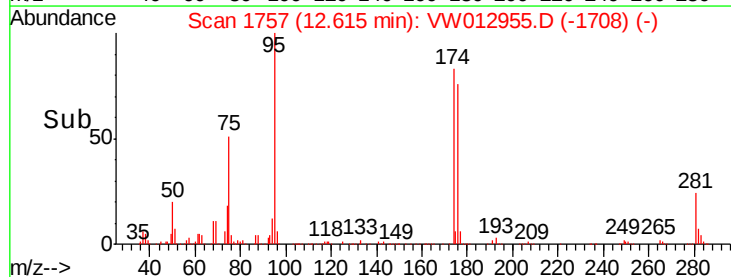
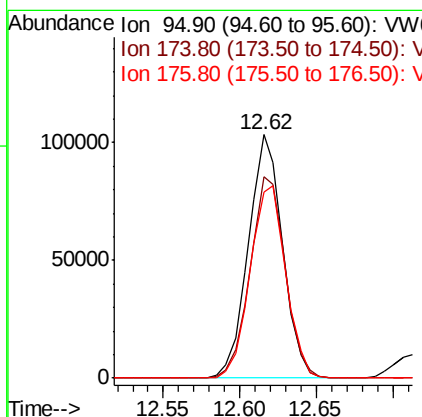
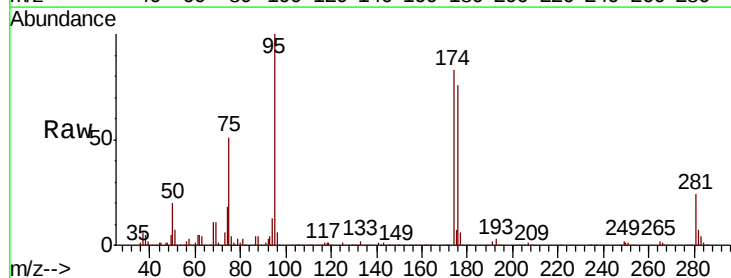
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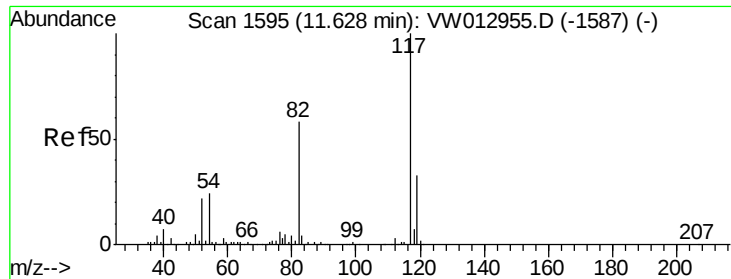
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 9/16/2019 12:43:41 AM



#62
 4-Bromofluorobenzene
 Concen: 51.949 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Tgt Ion: 95 Resp: 160463
 Ion Ratio Lower Upper
 95 100
 174 85.2 0.0 170.4
 176 82.3 0.0 164.6





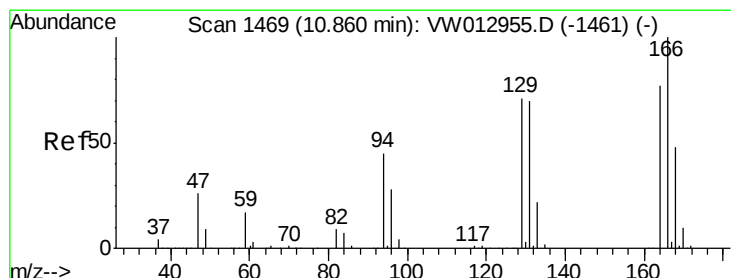
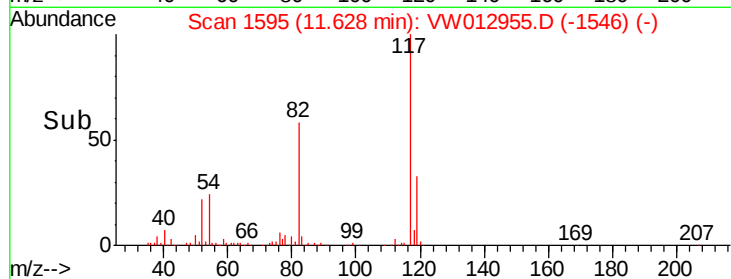
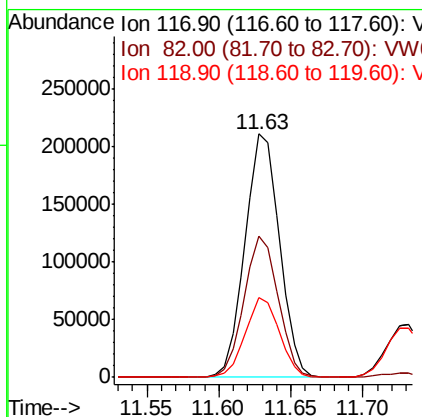
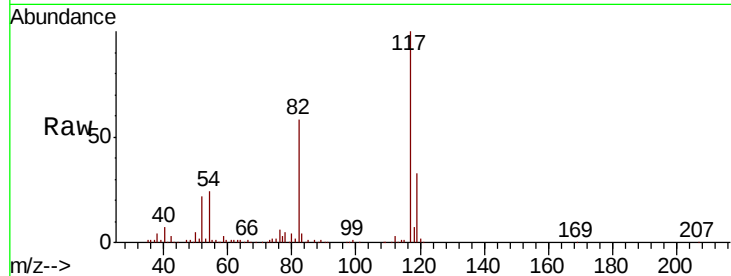
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	351038		
82	57.9	46.3	69.5	
119	32.8	26.2	39.4	

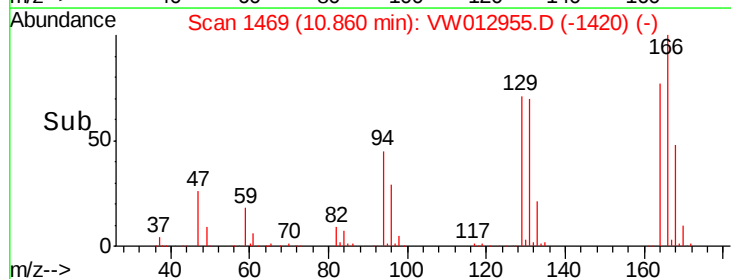
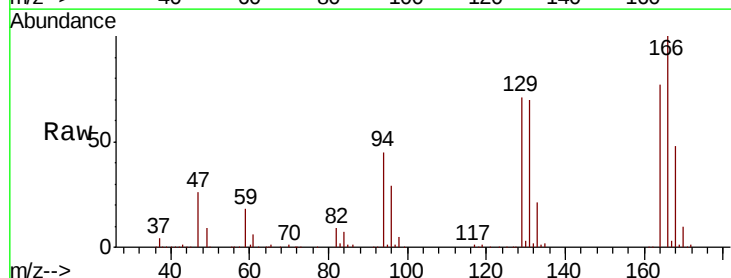
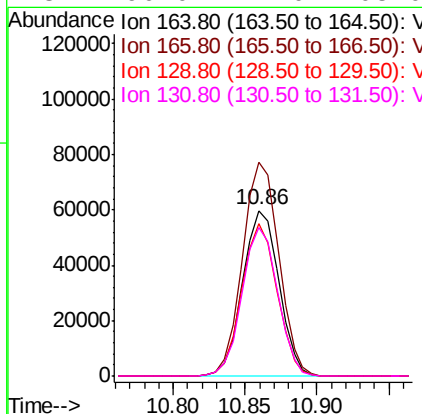
Manual Integrations
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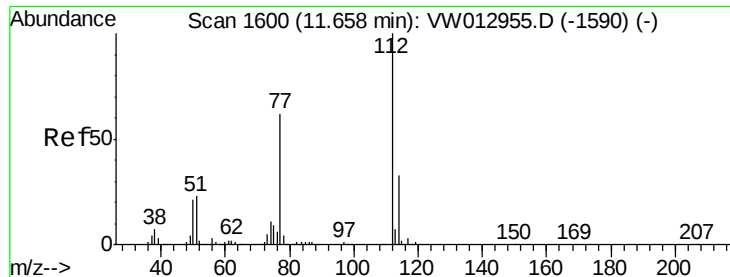
MMDadoda
9/16/2019 12:43:41 AM



#64
Tetrachloroethene
Concen: 49.950 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	104313		
166	129.1	103.3	154.9	
129	92.3	73.8	110.8	
131	90.0	72.0	108.0	





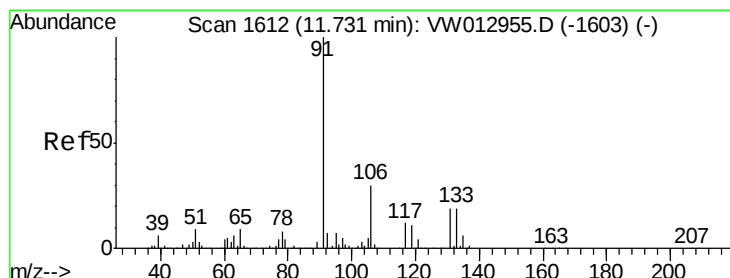
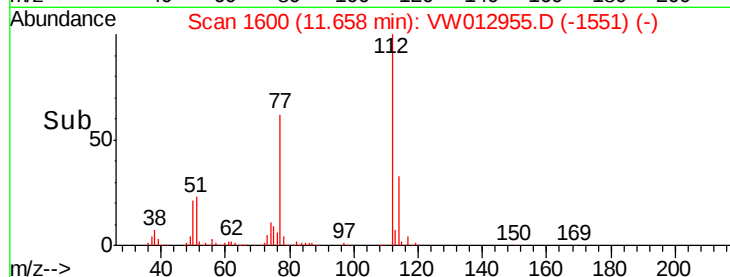
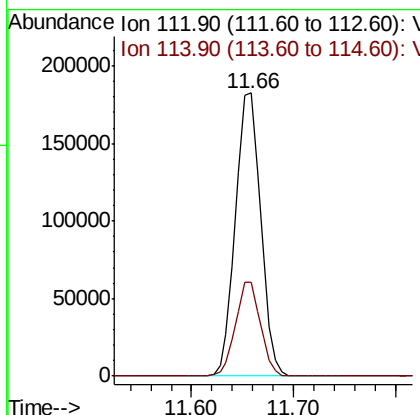
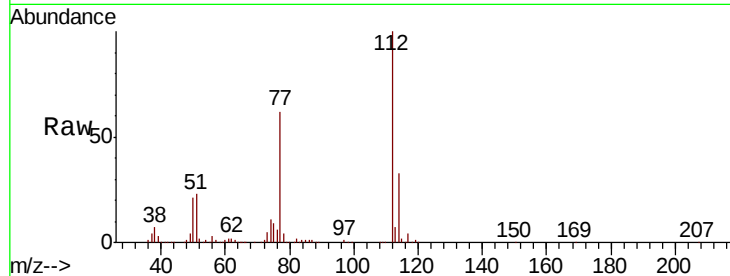
#65
Chlorobenzene
Concen: 50.078 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	313130		
114	33.0	26.4	39.6	

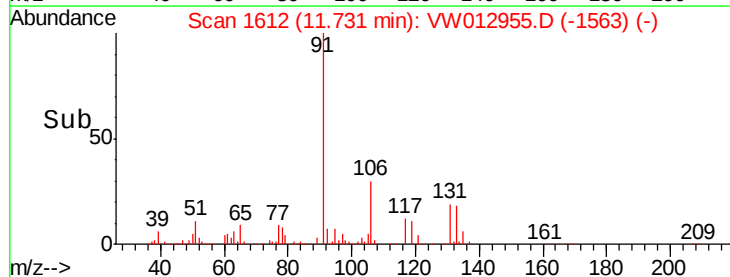
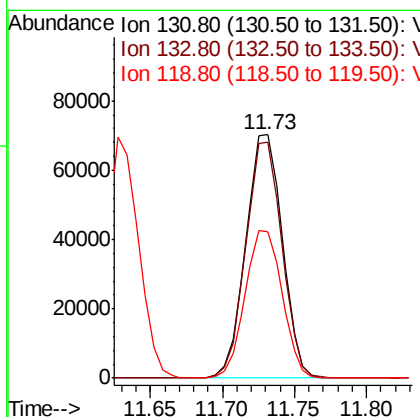
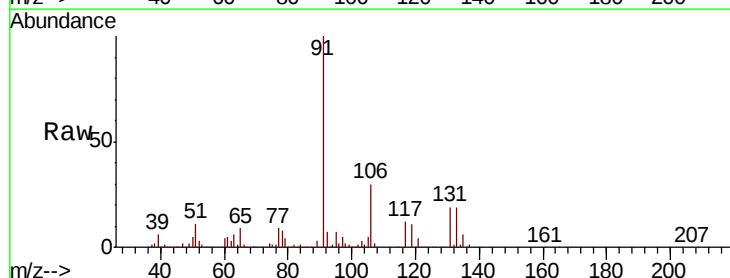
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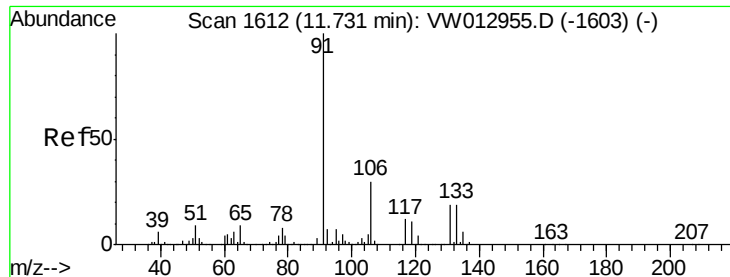
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.421 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	123213		
133	95.9	47.9	143.8	
119	61.8	30.9	92.7	





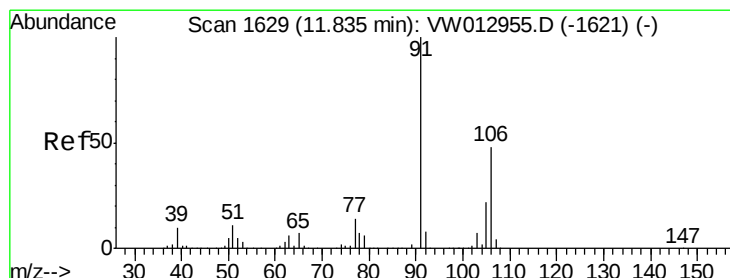
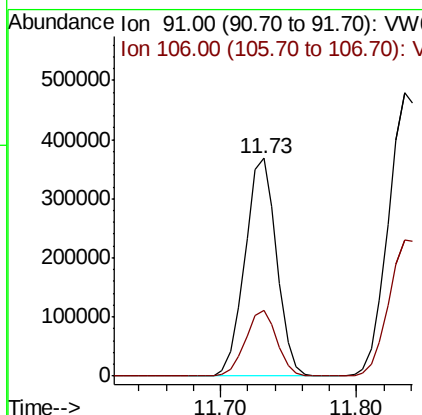
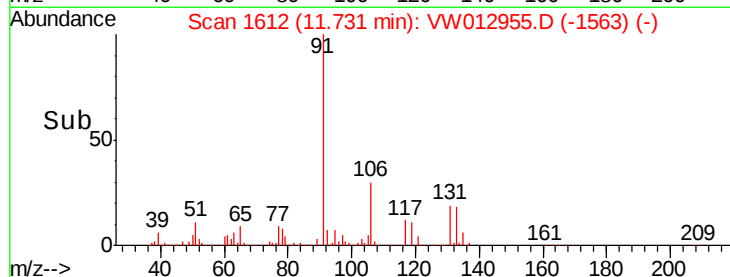
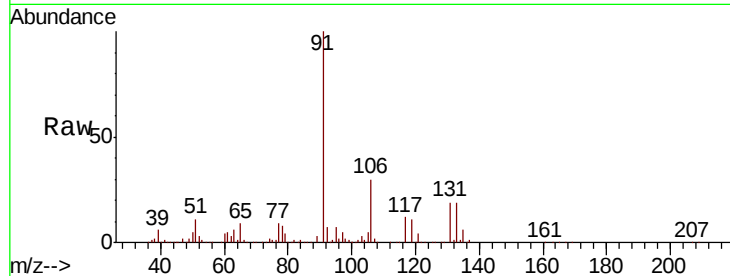
#67
Ethyl Benzene
Concen: 51.877 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 599080
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

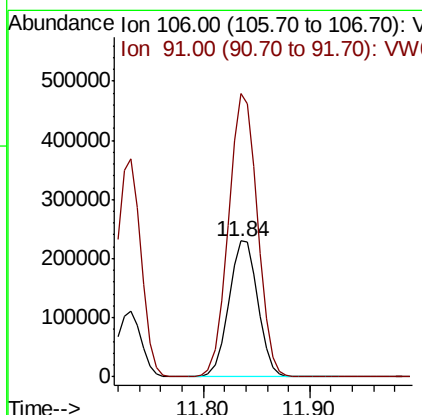
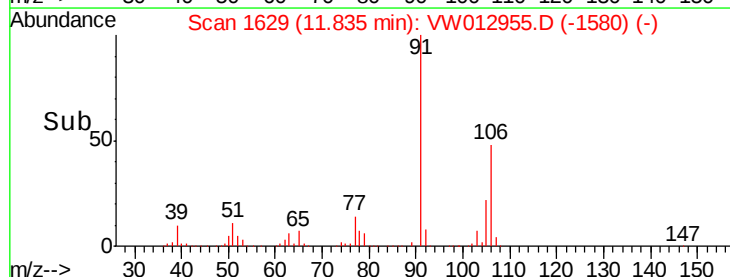
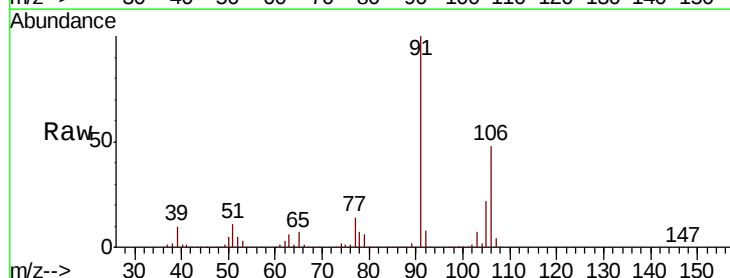
Manual Integrations
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#68
m/p-Xylenes
Concen: 104.072 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Tgt Ion: 106 Resp: 439047
Ion Ratio Lower Upper
106 100
91 207.3 165.8 248.8





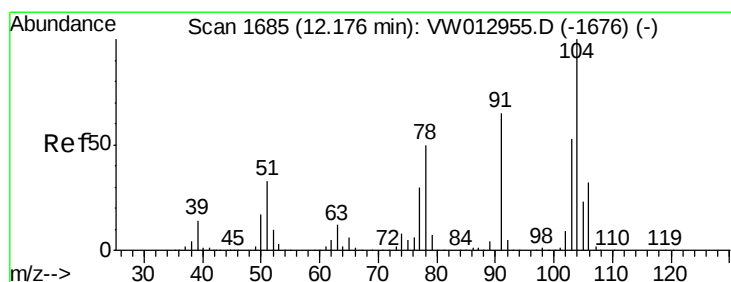
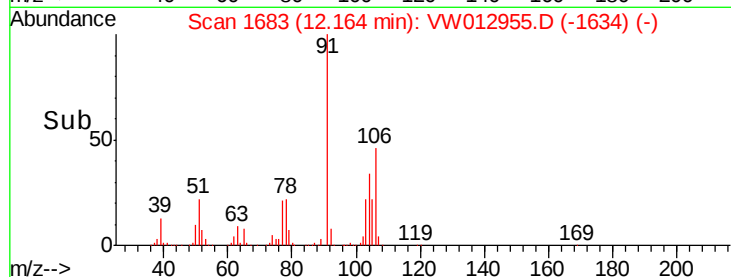
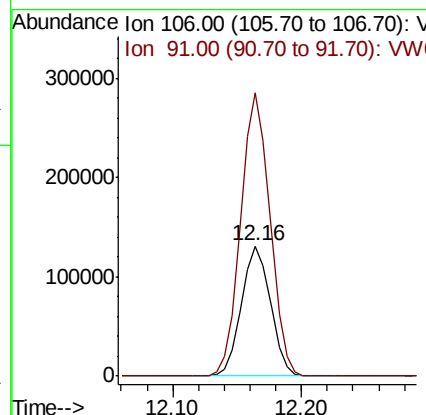
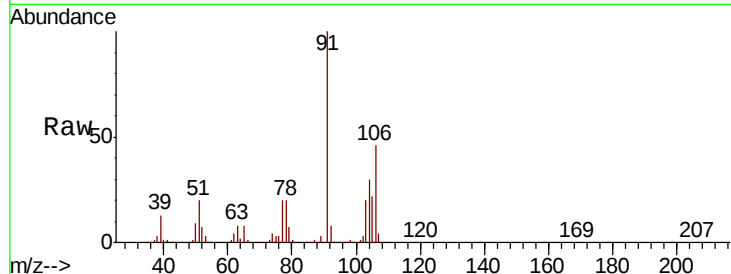
#69
o-Xylene
Concen: 51.752 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 204686
Ion Ratio Lower Upper
106 100
91 219.3 109.7 329.0

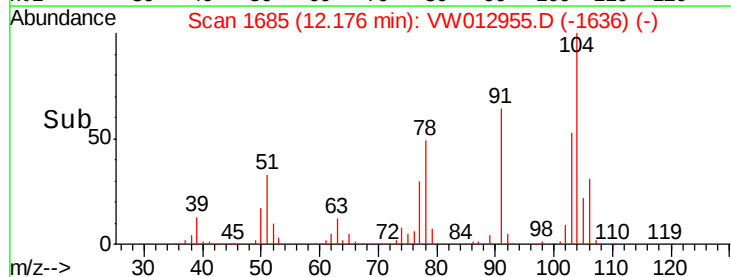
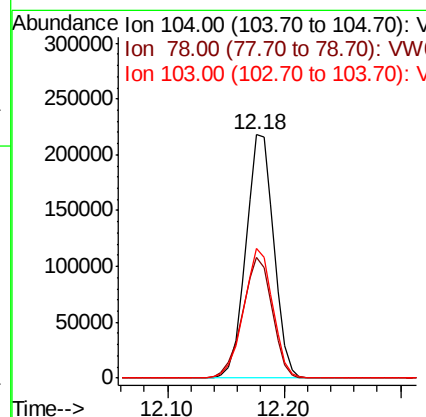
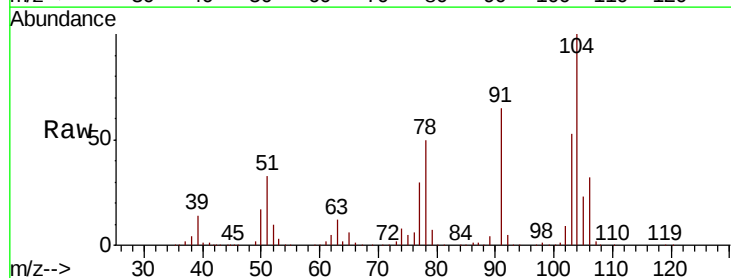
Manual Integrations
APPROVED

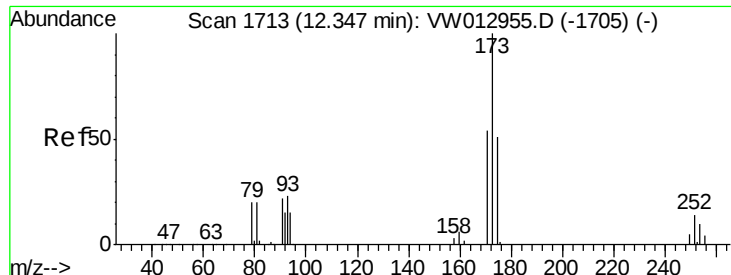
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#70
Styrene
Concen: 52.006 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Tgt Ion:104 Resp: 365902
Ion Ratio Lower Upper
104 100
78 52.6 42.1 63.1
103 55.3 44.2 66.4





#71

Bromoform

Concen: 52.872 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 66547

Ion Ratio Lower Upper

173 100

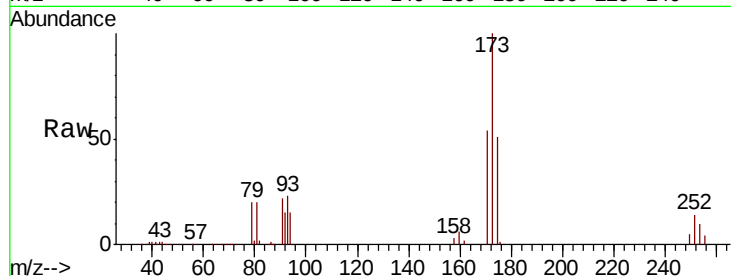
175 48.4 24.2 72.6

254 0.1 0.1 0.1#

Manual Integrations
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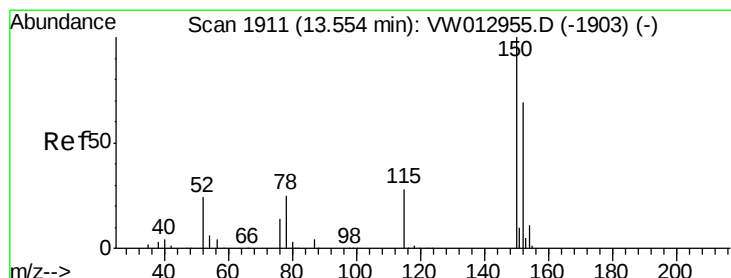
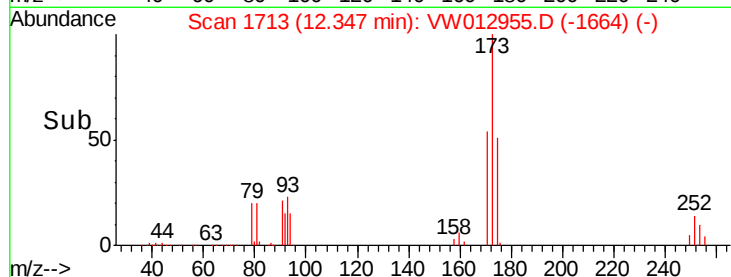
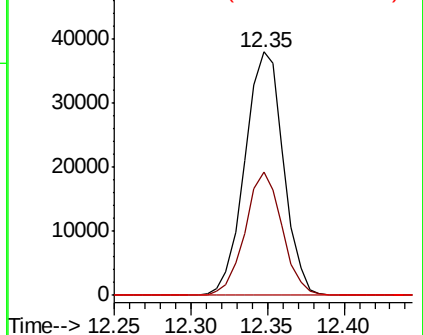
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

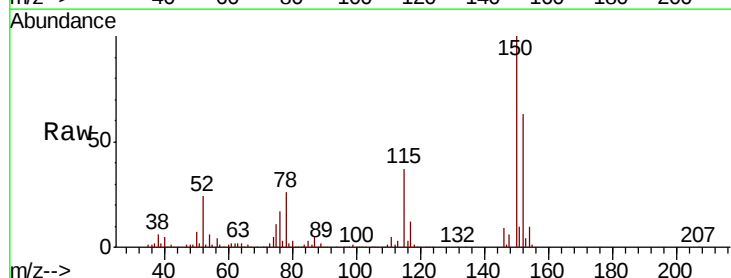
Tgt Ion:152 Resp: 175433

Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.4

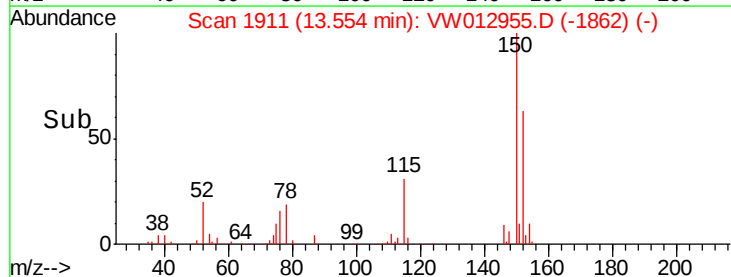
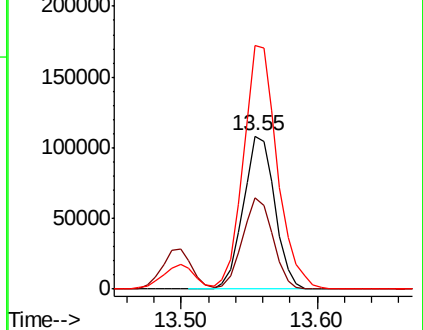
150 170.1 0.0 340.2

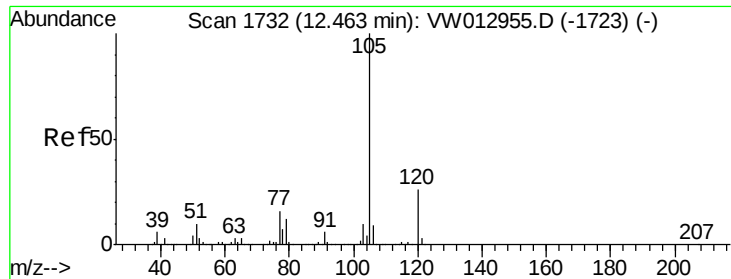


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.785 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 602159

Ion Ratio Lower Upper

105 100

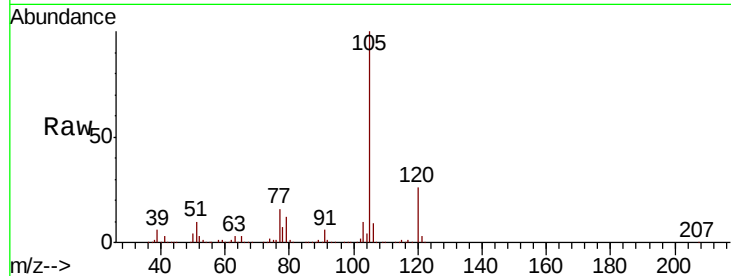
120 26.0 13.0 39.0

Manual Integrations

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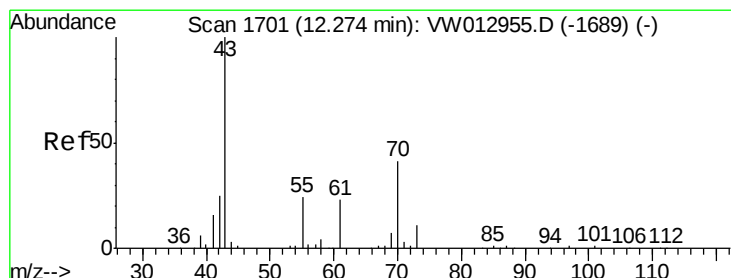
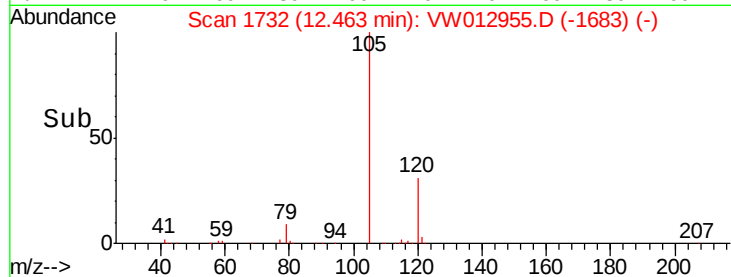
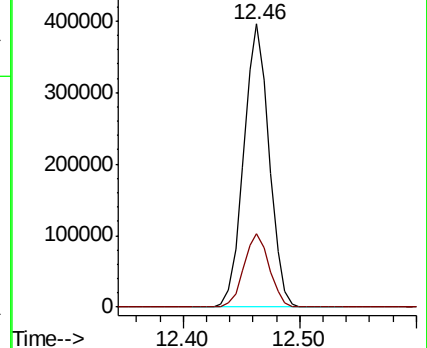
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.888 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Tgt Ion: 43 Resp: 155209

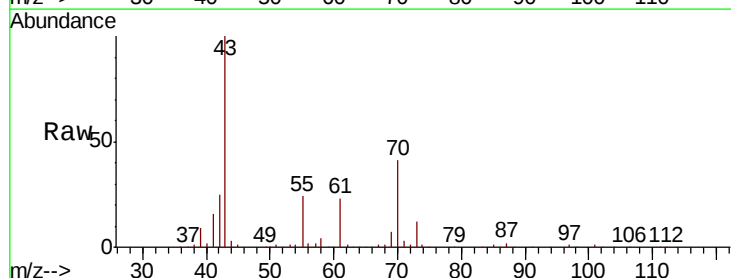
Ion Ratio Lower Upper

43 100

70 39.6 31.7 47.5

55 24.3 19.4 29.2

61 23.4 18.7 28.1

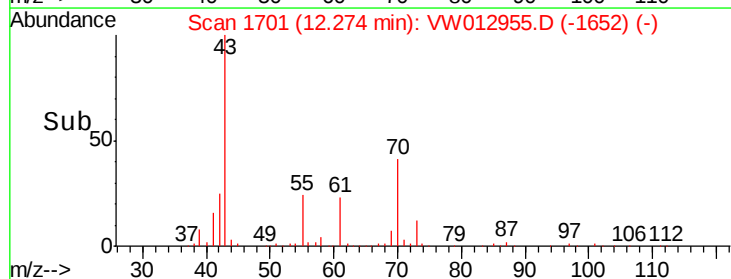
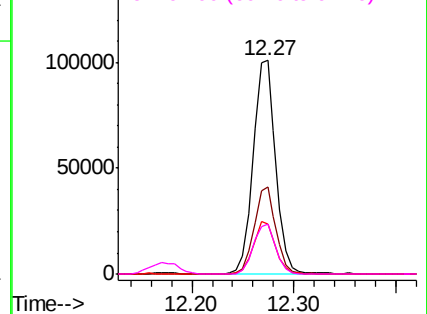


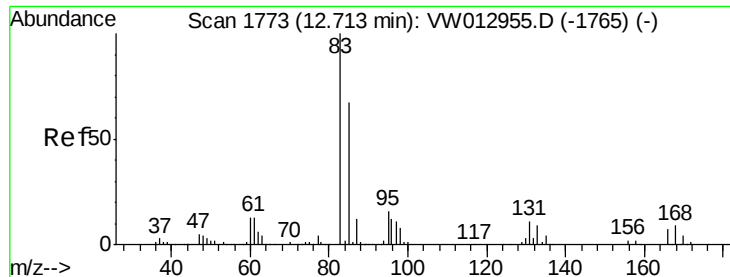
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 51.978 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

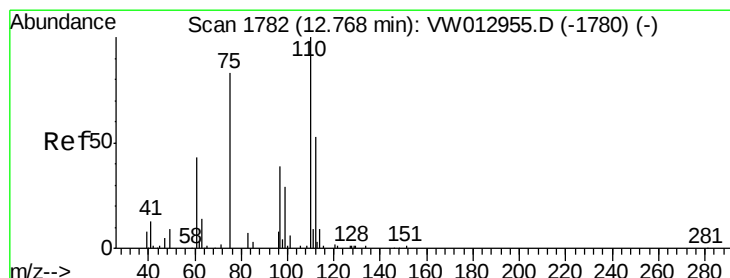
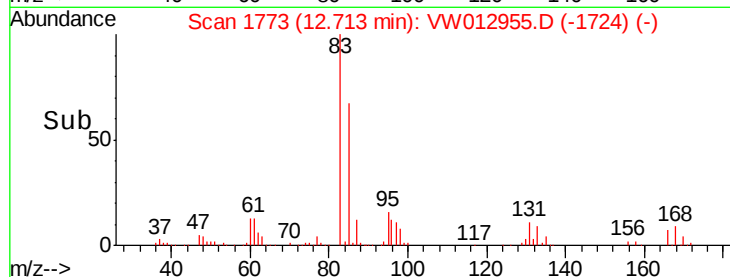
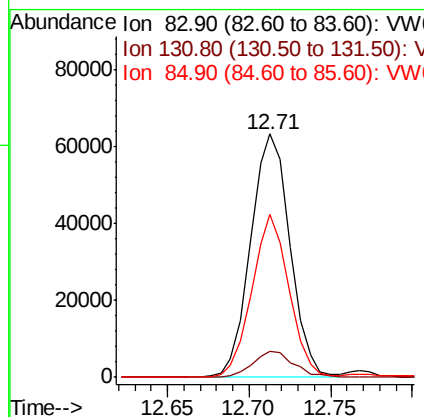
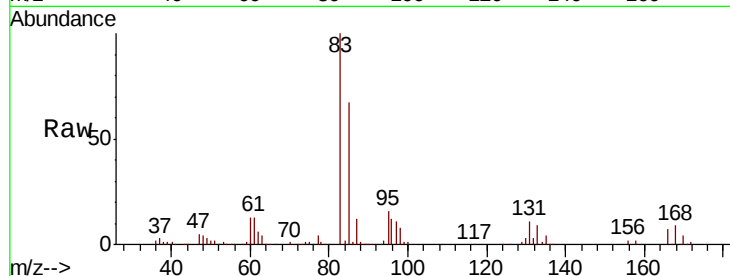
ClientSampleId :

VSTDICCC050

Tgt Ion:	83	Resp:	106156
Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.7	17.1
85	62.9	31.4	94.3

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#76

1,2,3-Trichloropropane

Concen: 46.424 ug/l m

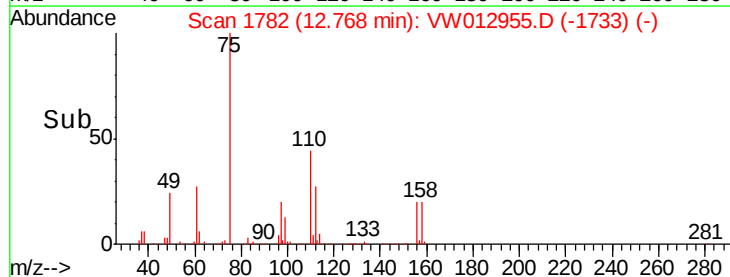
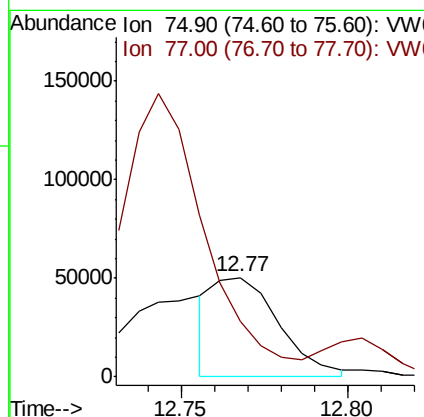
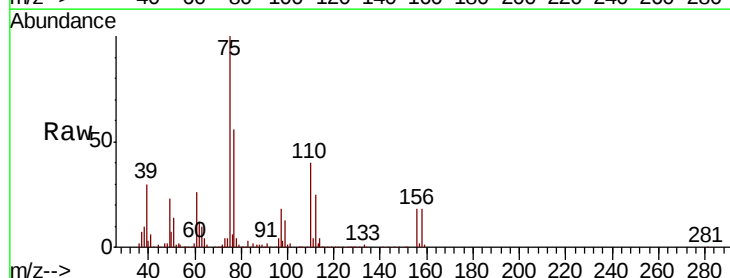
RT: 12.77 min Scan# 1782

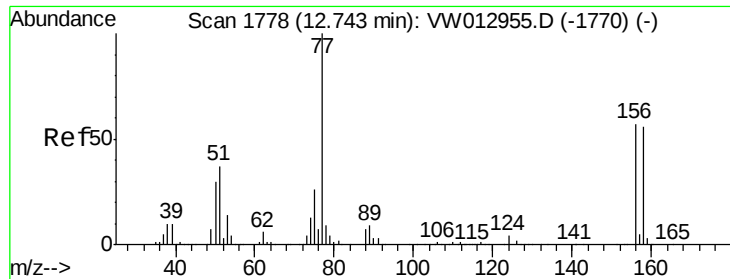
Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Tgt Ion:	75	Resp:	68718
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.794 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

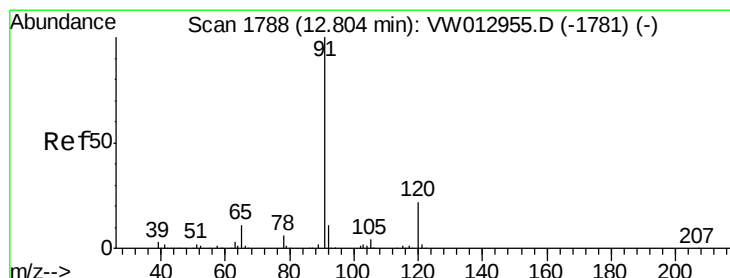
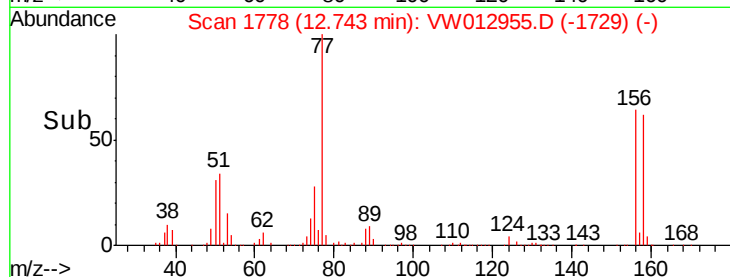
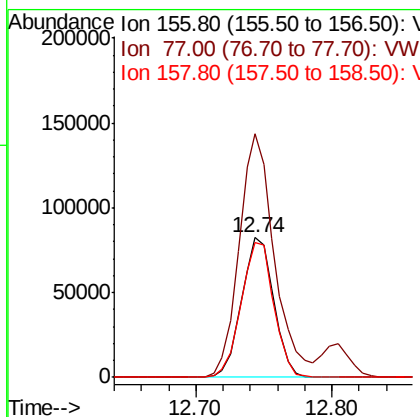
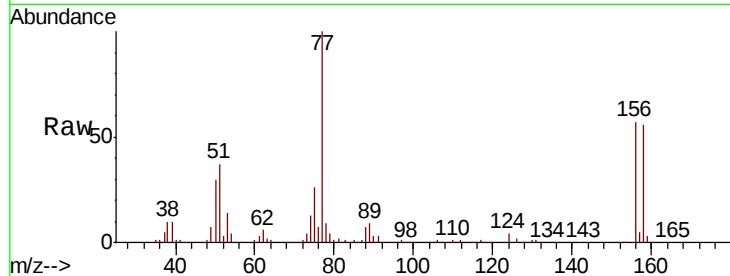
ClientSampleId :

VSTDICCC050

Tgt Ion:	156	Resp:	136070
Ion Ratio	Lower	Upper	
156	100		
77	190.4	95.2	285.6
158	98.1	49.0	147.2

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#78

n-propylbenzene

Concen: 52.135 ug/l

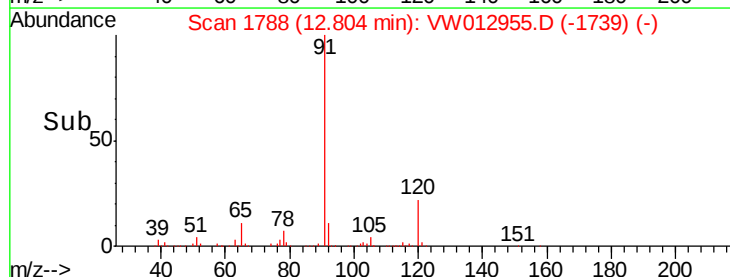
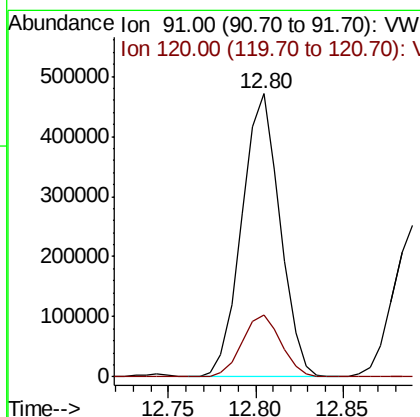
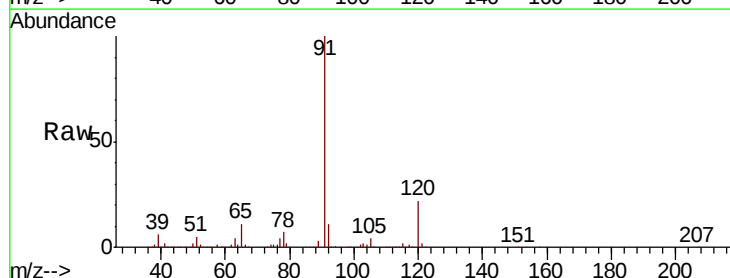
RT: 12.80 min Scan# 1788

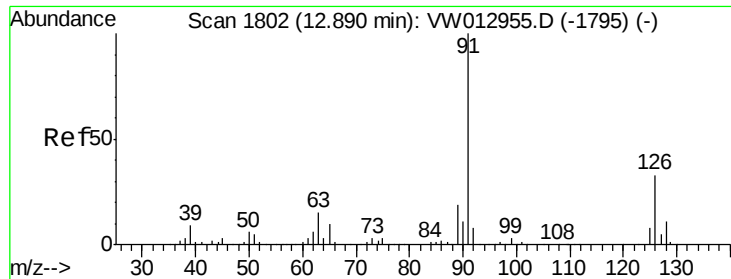
Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Tgt Ion:	91	Resp:	713112
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.2	33.5





#79

2-Chlorotoluene

Concen: 51.383 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 404023

Ion Ratio Lower Upper

91 100

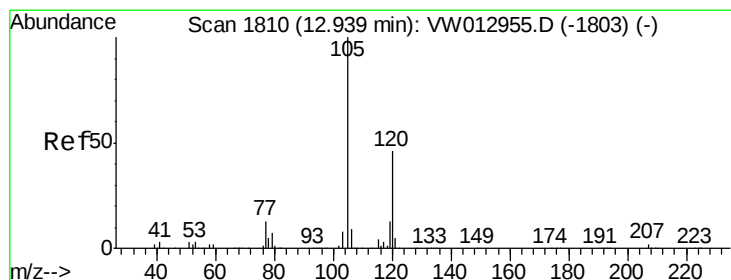
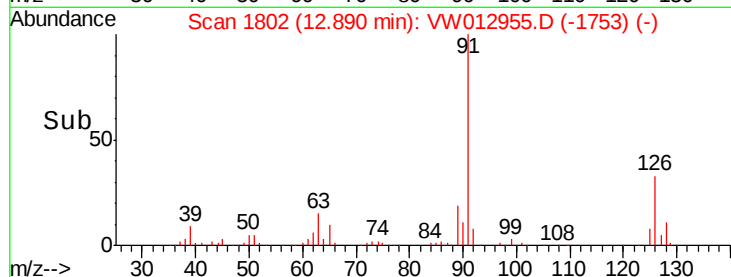
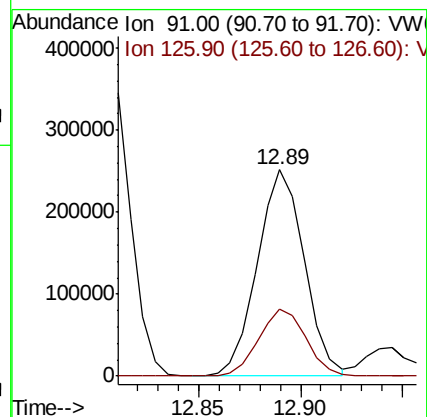
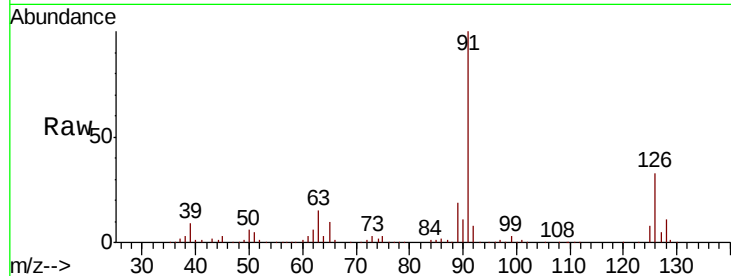
126 33.0 16.5 49.5

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#80

1,3,5-Trimethylbenzene

Concen: 51.248 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW012955.D

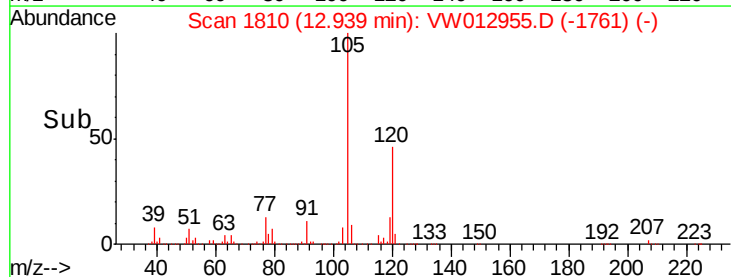
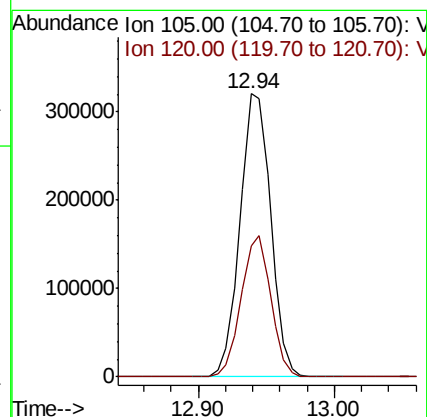
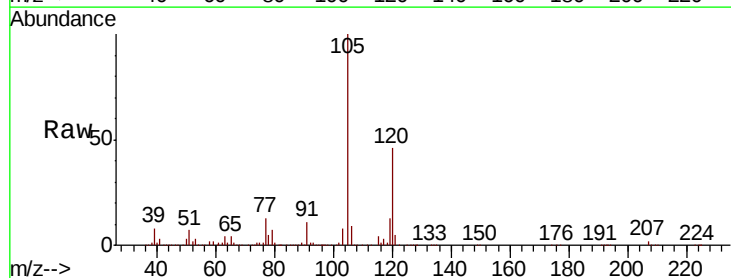
Acq: 13 Sep 2019 15:24

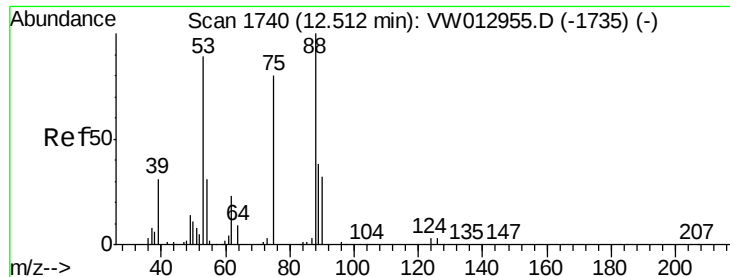
Tgt Ion: 105 Resp: 504147

Ion Ratio Lower Upper

105 100

120 48.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.048 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

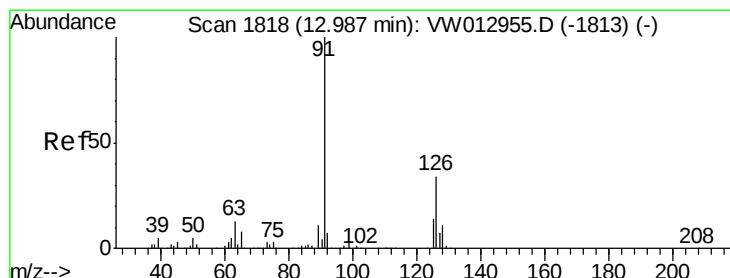
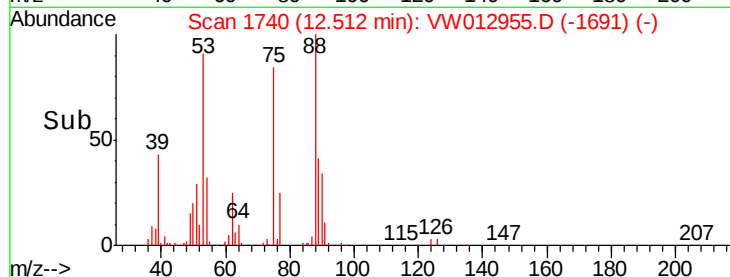
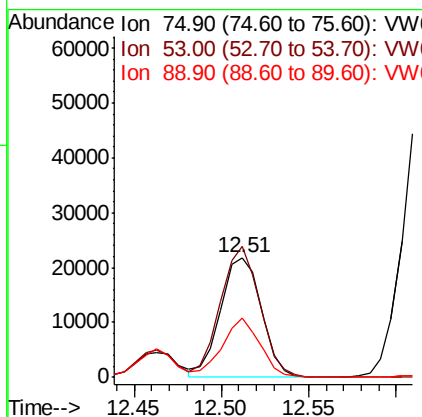
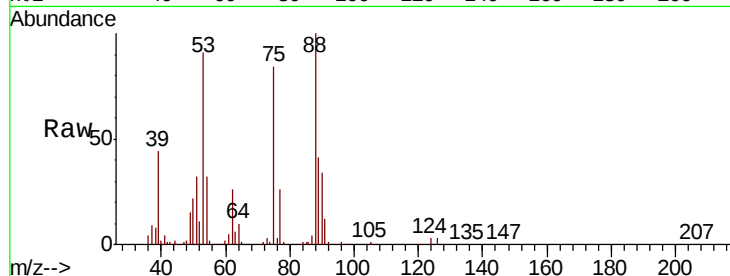
ClientSampleId :

VSTDICCC050

Tgt Ion:	75	Resp:	35257
Ion	Ratio	Lower	Upper
75	100		
53	107.0	85.6	128.4
89	46.5	37.2	55.8

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#82

4-Chlorotoluene

Concen: 51.973 ug/l

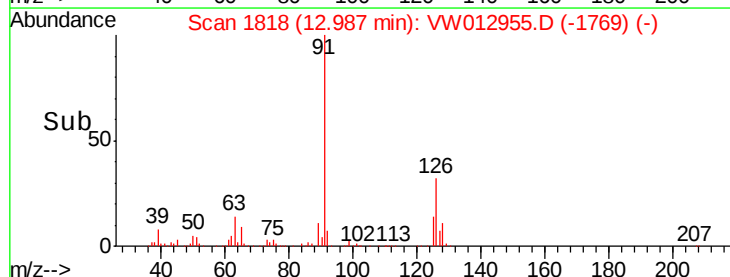
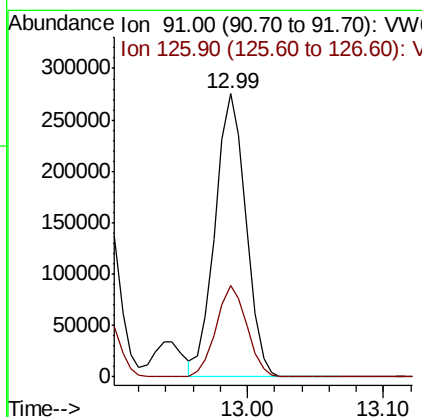
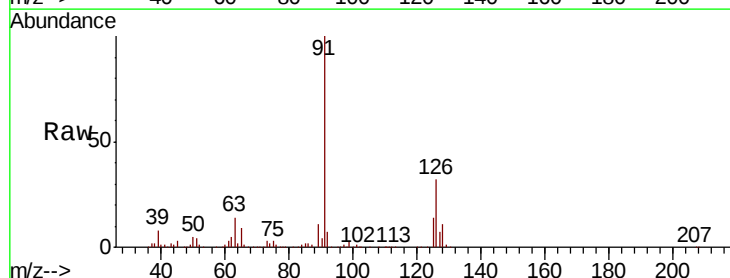
RT: 12.99 min Scan# 1818

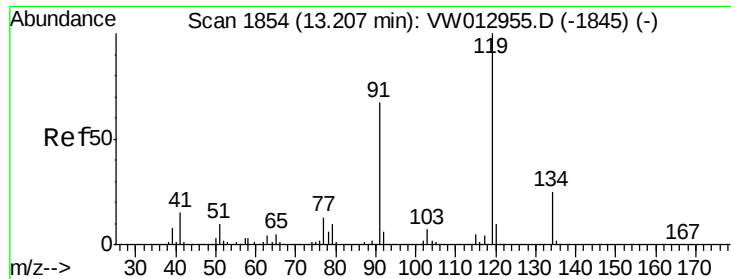
Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Tgt Ion:	91	Resp:	431190
Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.1	48.3





#83

tert-Butylbenzene

Concen: 51.894 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

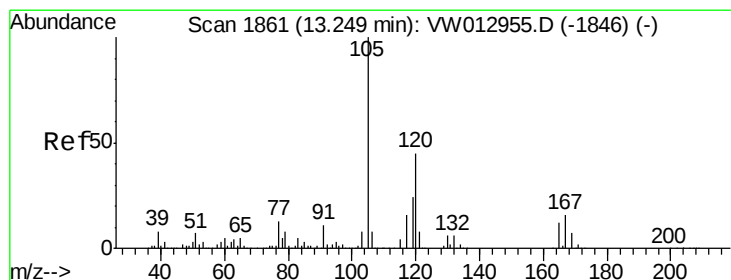
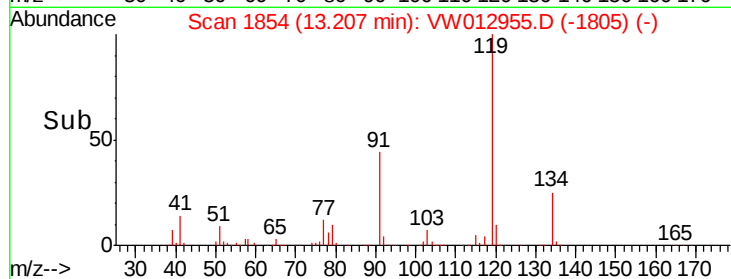
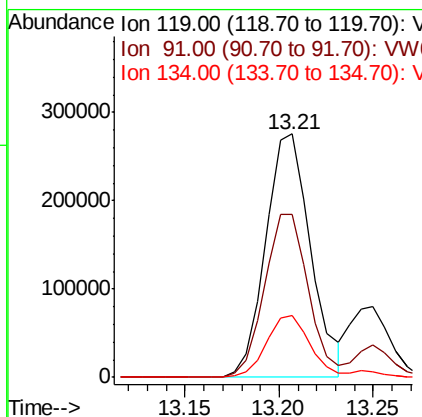
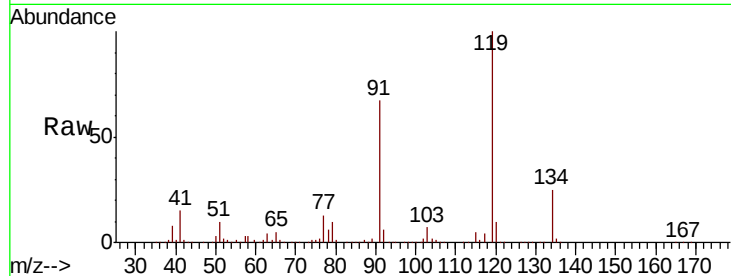
Instrument :
MSVOA_W

ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	456626		
91	65.3	32.6	98.0	
134	24.9	12.4	37.4	

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#84

1,2,4-Trimethylbenzene

Concen: 51.824 ug/l

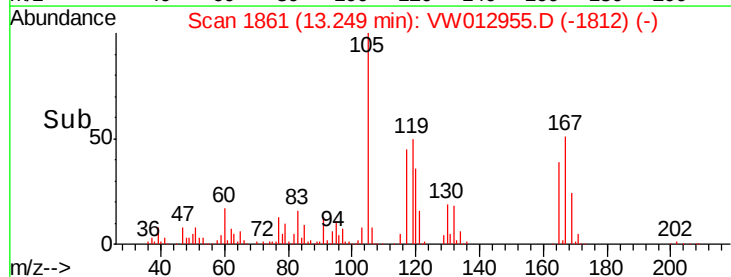
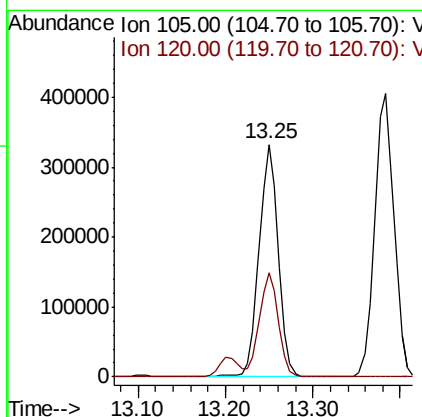
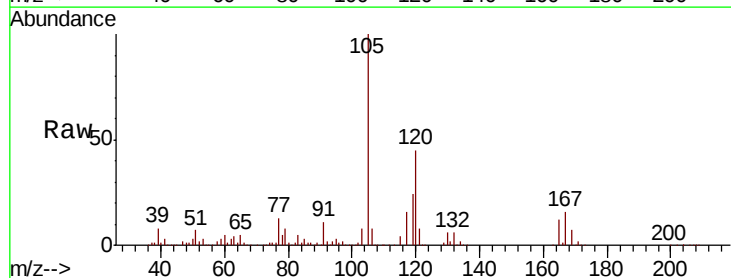
RT: 13.25 min Scan# 1861

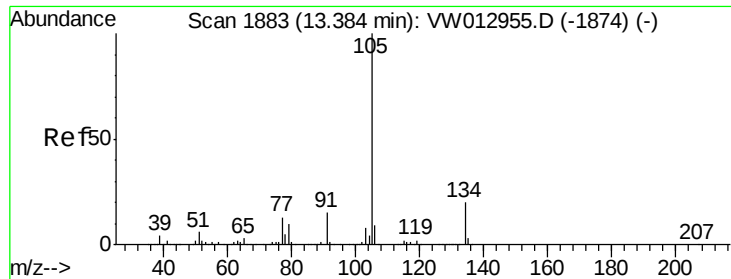
Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	503781		
120	43.8	21.9	65.7	





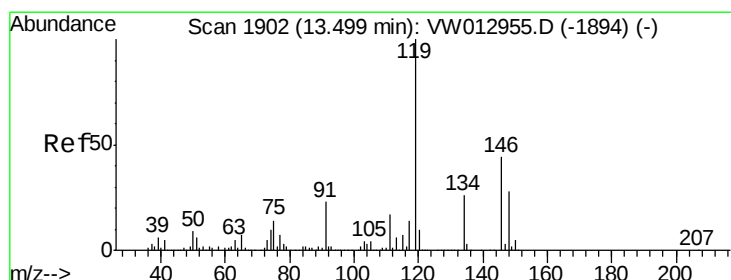
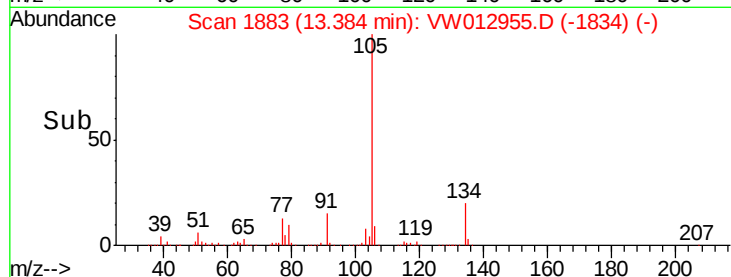
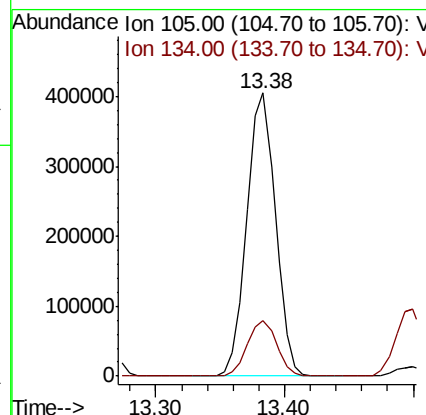
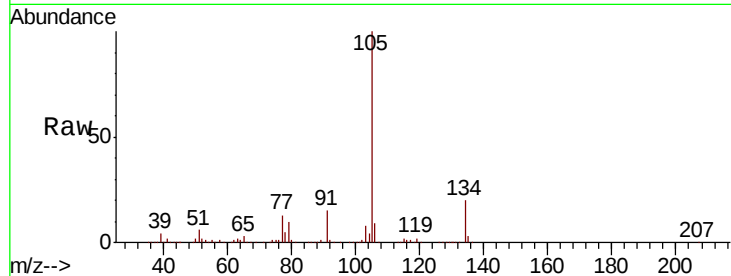
#85
 sec-Butylbenzene
 Concen: 51.854 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 621650
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

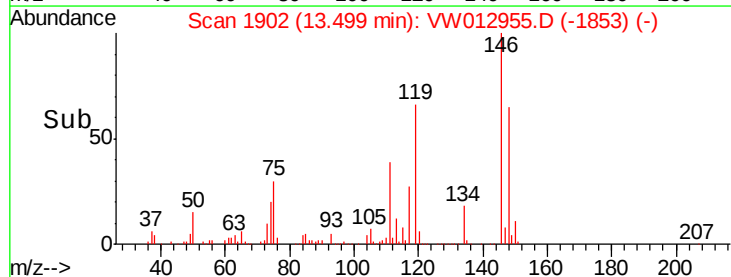
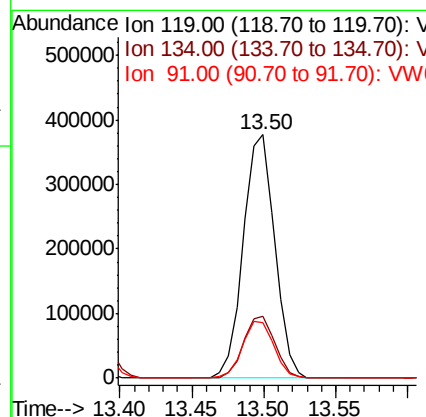
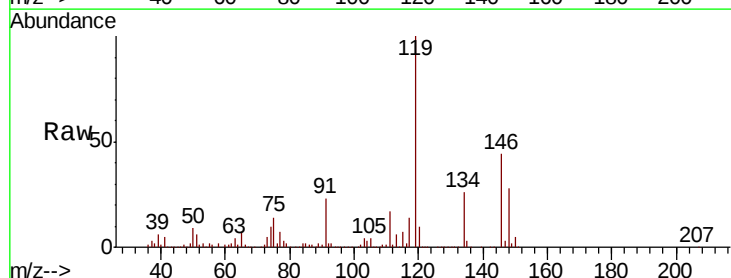
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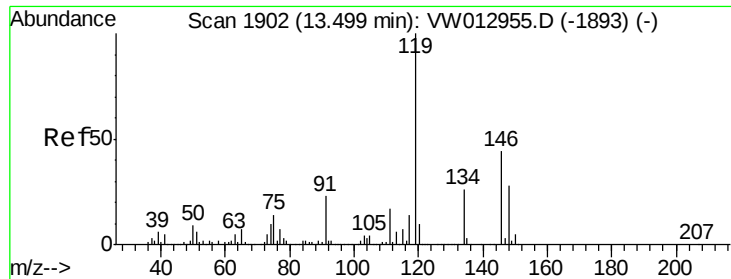
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#86
 p-Isopropyltoluene
 Concen: 51.899 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Tgt Ion:119 Resp: 571238
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 23.6 11.8 35.4





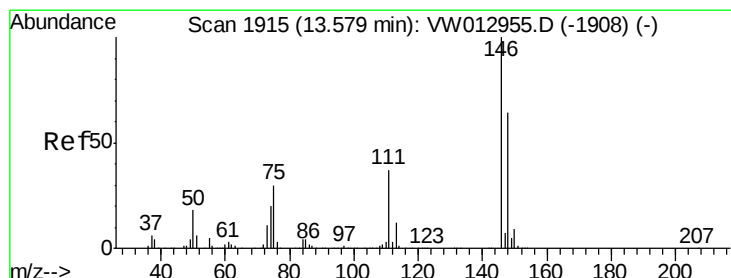
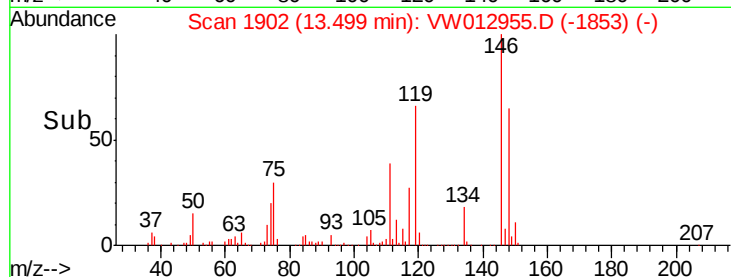
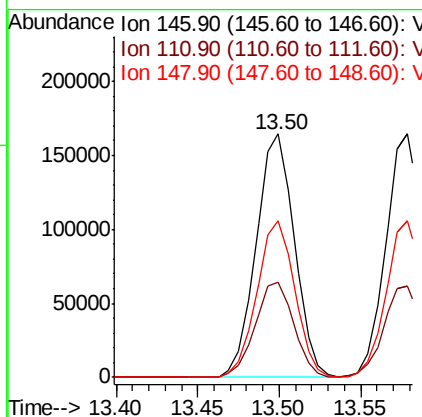
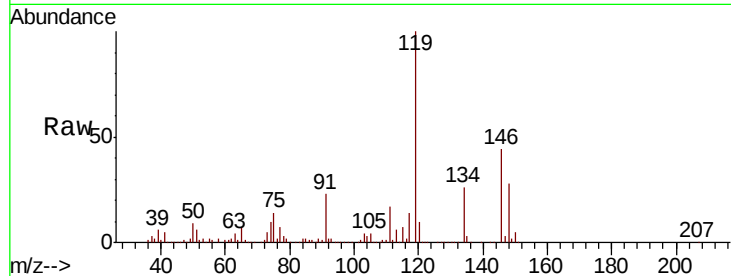
#87
 1,3-Dichlorobenzene
 Concen: 50.404 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	267293		
111	39.6	19.8	59.4	
148	63.8	31.9	95.7	

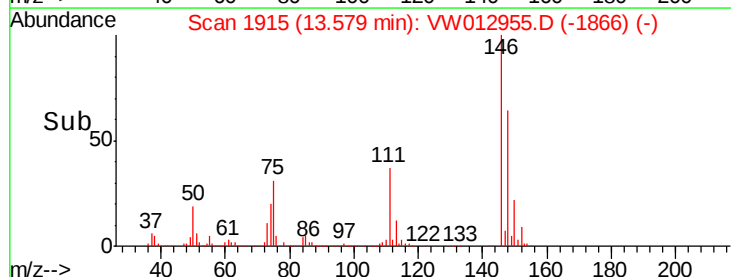
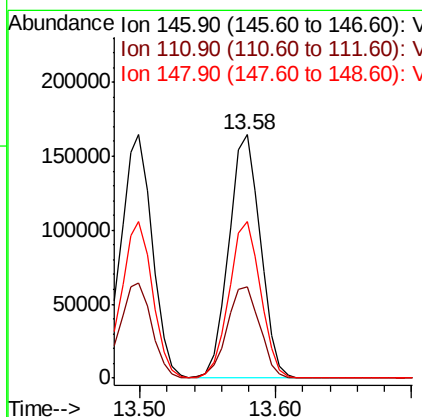
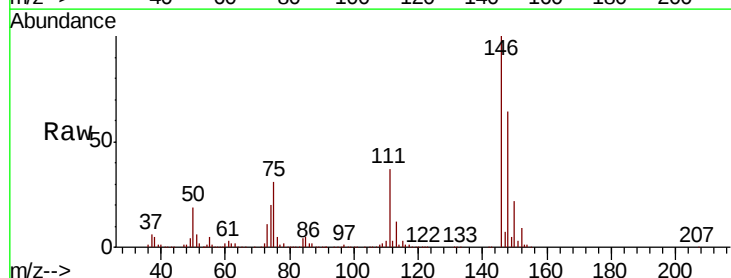
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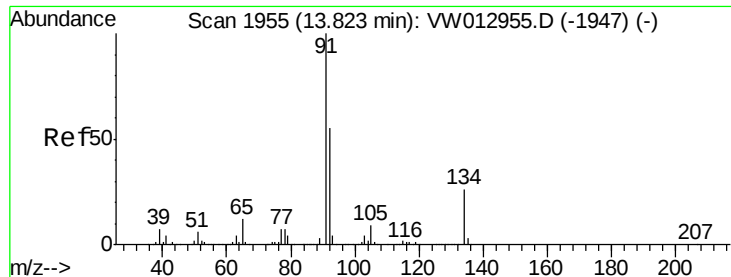
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#88
 1,4-Dichlorobenzene
 Concen: 51.156 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	266590		
111	38.8	19.4	58.2	
148	63.7	31.9	95.5	





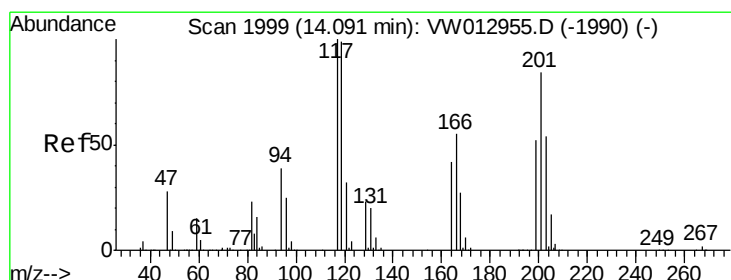
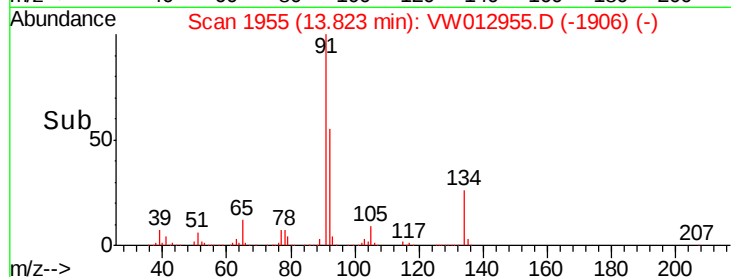
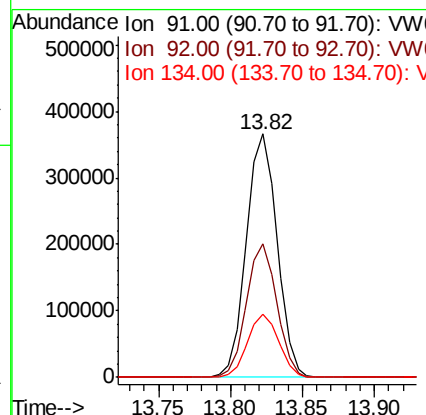
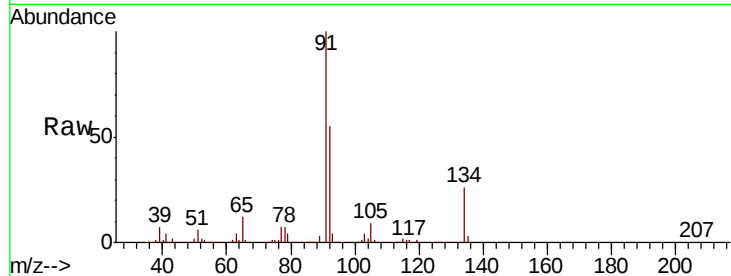
#89
n-Butylbenzene
Concen: 52.196 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	541809		
92	54.3	27.2	81.5	
134	26.1	13.1	39.1	

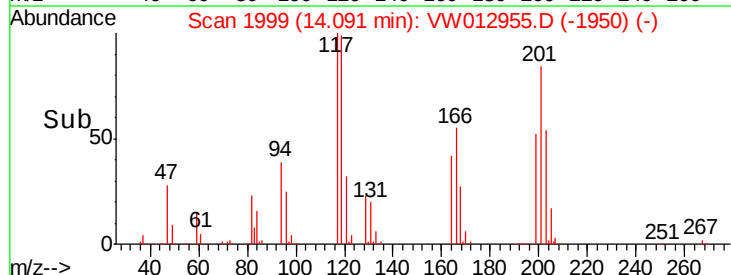
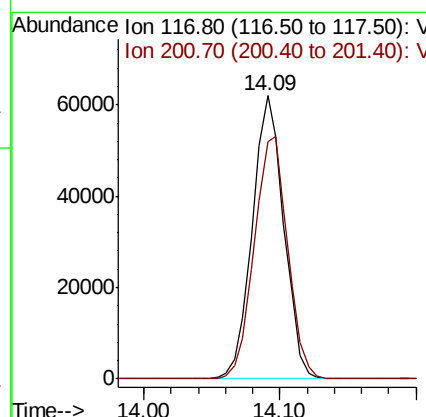
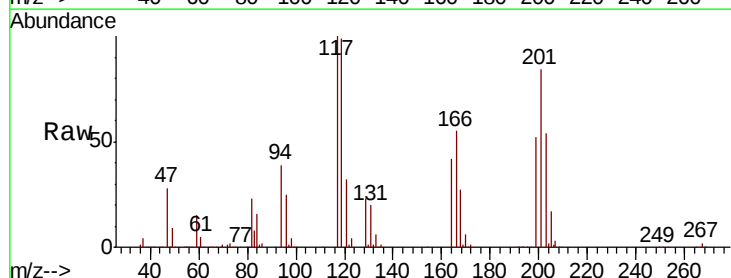
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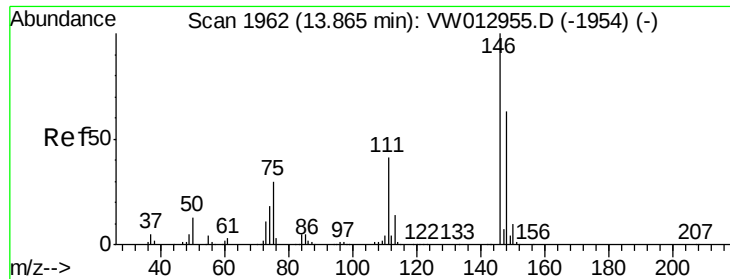
MMDadoda
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#90
Hexachloroethane
Concen: 51.095 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW012955.D
Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	100782		
201	90.6	45.3	135.9	





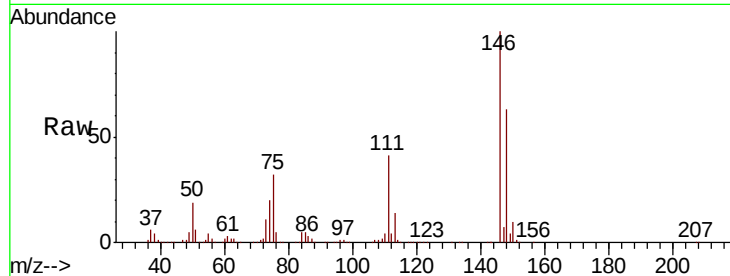
#91
 1,2-Dichlorobenzene
 Concen: 50.377 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

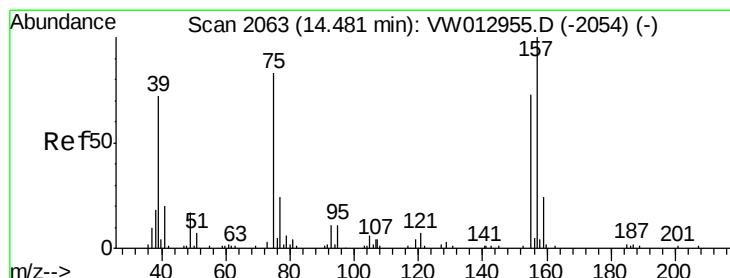
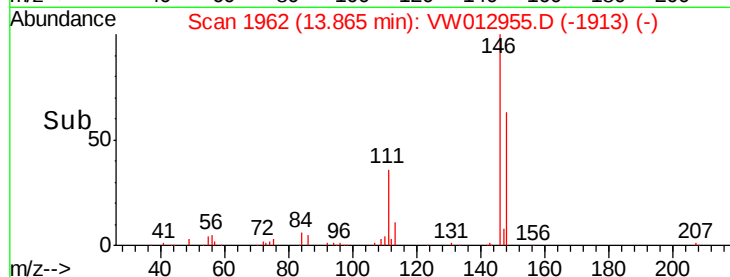
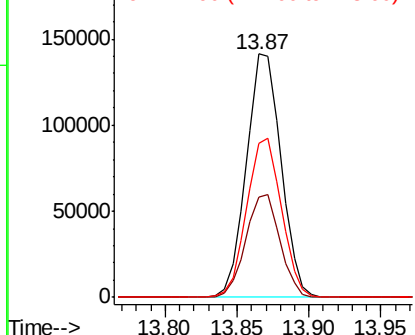
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	234930		
111	41.7	20.8	62.5	
148	65.4	32.7	98.1	

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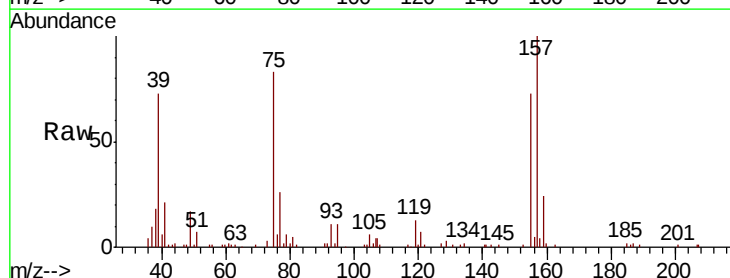


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

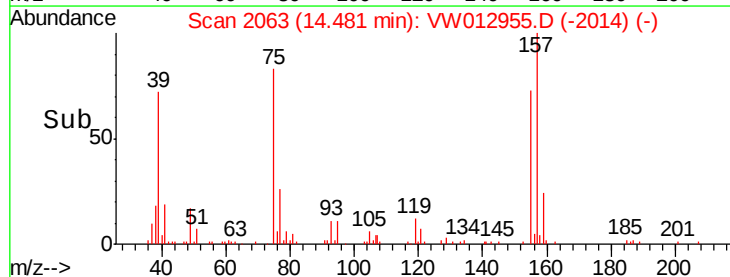
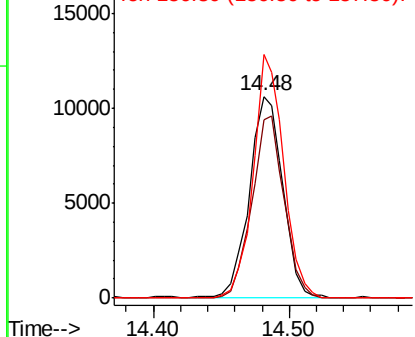


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.147 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18373		
155	86.6	43.3	129.9	
157	109.4	54.7	164.1	



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





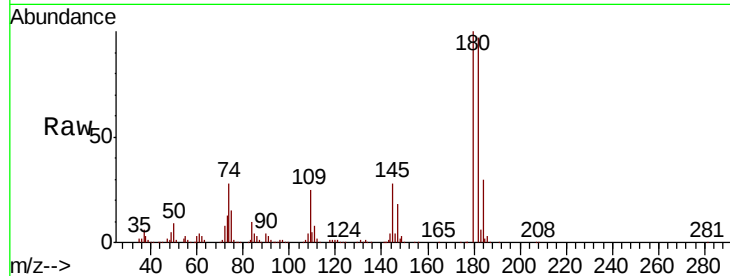
#93
 1,2,4-Trichlorobenzene
 Concen: 51.369 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	170847		
182	94.8	47.4	142.2	
145	29.8	14.9	44.7	

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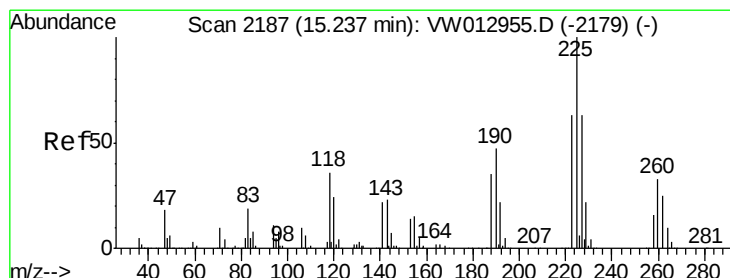
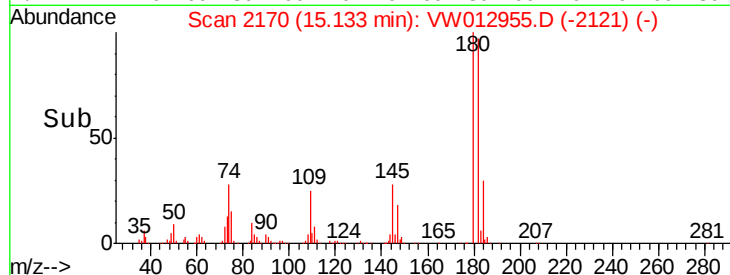
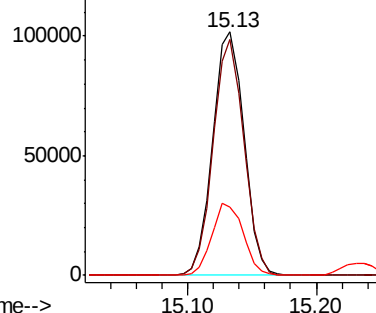


Abundance

Ion 179.80 (179.50 to 180.50): V

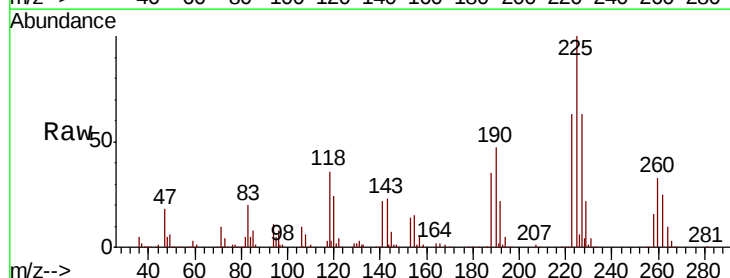
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.386 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012955.D
 Acq: 13 Sep 2019 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	116275		
223	63.5	31.8	95.3	
227	62.5	31.3	93.8	

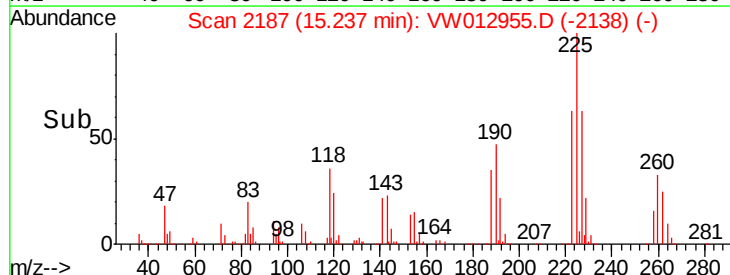
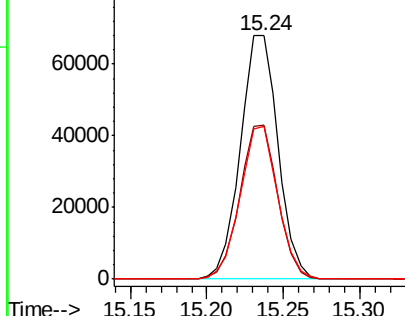


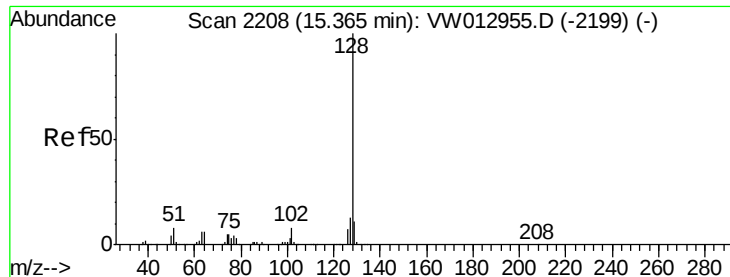
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.866 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Instrument :

MSVOA_W

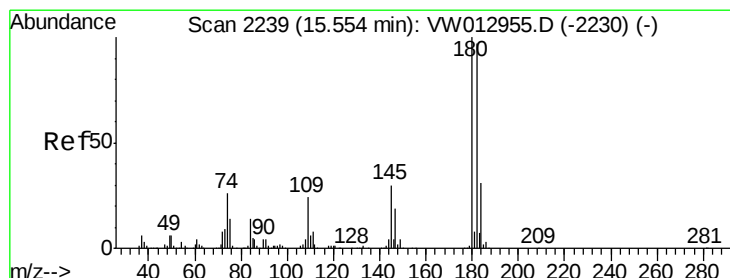
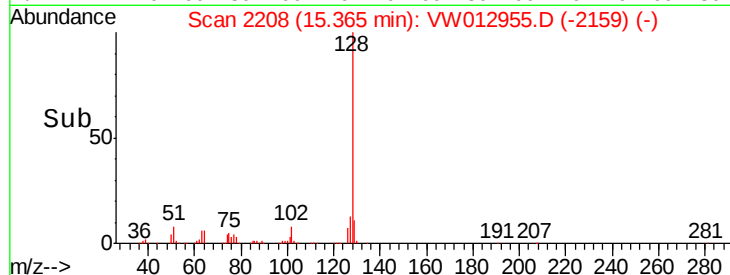
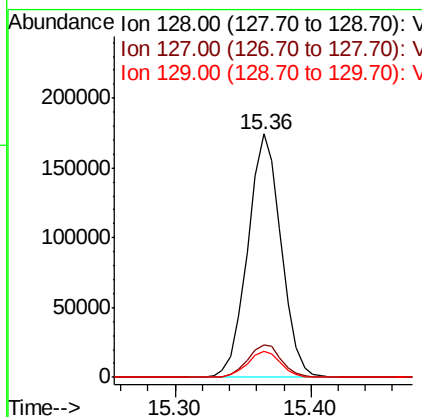
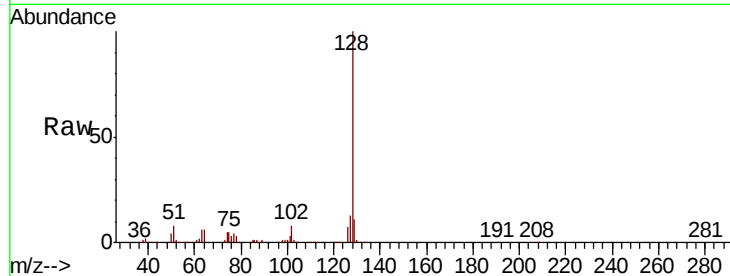
ClientSampleId :

VSTDICCC050

Tgt	Ion	128	Resp:	299336
Ion	Ratio	100	Lower	Upper
128	100			
127	13.8	11.0	16.6	
129	10.7	8.6	12.8	

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#96

1,2,3-Trichlorobenzene

Concen: 50.779 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW012955.D

Acq: 13 Sep 2019 15:24

Tgt	Ion	180	Resp:	149290
Ion	Ratio	100	Lower	Upper
180	100			
182	95.2	47.6	142.8	
145	30.8	15.4	46.2	

