

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000218.D
 Acq On : 08 Oct 2019 12:37
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:17 AM

Quant Time: Oct 09 08:38:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 08 14:14:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	270628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	442784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	381976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	178710	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	2524	1.225	ug/l	85
3) Chloromethane	2.12	50	3954	1.579	ug/l	92
4) Vinyl Chloride	2.25	62	3675	1.352	ug/l #	87
6) Chloroethane	2.80	64	2117	1.212	ug/l #	81
7) Trichlorofluoromethane	3.12	101	4841	1.263	ug/l #	81
8) Diethyl Ether	3.54	74	2521	1.694	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	2782	1.233	ug/l #	72
12) 1,1-Dichloroethene	3.88	96	2704	1.169	ug/l #	77
14) Allyl chloride	4.48	41	4825	1.400	ug/l #	84
15) Acrylonitrile	5.18	53	15443	7.208	ug/l	98
16) Acetone	3.96	43	13067	7.638	ug/l	91
17) Carbon Disulfide	4.20	76	8650	1.363	ug/l #	88
18) Methyl Acetate	4.49	43	6661	1.424	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	9890	1.326	ug/l	94
20) Methylene Chloride	4.72	84	4106	1.548	ug/l #	91
21) trans-1,2-Dichloroethene	5.21	96	3255	1.353	ug/l #	75
22) Diisopropyl ether	6.13	45	10196	1.487	ug/l #	89
23) Vinyl Acetate	6.07	43	42593	6.667	ug/l	96
24) 1,1-Dichloroethane	6.01	63	5689m	1.458	ug/l	
25) 2-Butanone	7.00	43	21685	7.037	ug/l	90
26) 2,2-Dichloropropane	6.99	77	5739	1.491	ug/l	89
27) cis-1,2-Dichloroethene	7.00	96	3901	1.361	ug/l	96
28) Bromochloromethane	7.35	49	1702	1.529	ug/l #	91
29) Tetrahydrofuran	7.37	42	16125	7.549	ug/l	90
30) Chloroform	7.52	83	6371	1.448	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	4856	1.257	ug/l #	47
36) 1,1-Dichloropropene	7.93	75	4581	1.290	ug/l	94
37) Ethyl Acetate	7.09	43	8031	1.442	ug/l #	92
38) Carbon Tetrachloride	7.91	117	4059	1.063	ug/l	92
39) Methylcyclohexane	9.19	83	5282	1.118	ug/l	88
40) Benzene	8.17	78	12550	1.180	ug/l	97
41) Methacrylonitrile	7.35	41	5522m	0.795	ug/l	
42) 1,2-Dichloroethane	8.25	62	3823	1.106	ug/l	99
43) Isopropyl Acetate	8.28	43	8940	1.239	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.94	130	3578	1.048	ug/l	78
45) 1,2-Dichloropropane	9.23	63	2948	1.137	ug/l	99
46) Dibromomethane	9.31	93	2278	1.182	ug/l #	85
47) Bromodichloromethane	9.50	83	4213	1.152	ug/l #	80
48) Methyl methacrylate	9.30	41	4305	1.389	ug/l	87
49) 1,4-Dioxane	9.30	88	2202	22.674	ug/l #	62
51) 4-Methyl-2-Pentanone	10.08	43	33390	6.259	ug/l	93
52) Toluene	10.25	92	8433	1.211	ug/l	85
53) t-1,3-Dichloropropene	10.47	75	4244	1.033	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	5369	1.221	ug/l #	71
55) 1,1,2-Trichloroethane	10.65	97	3041	1.064	ug/l	94
56) Ethyl methacrylate	10.52	69	5112	1.176	ug/l #	85
57) 1,3-Dichloropropane	10.80	76	5493	1.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	8800	3.559	ug/l	94
59) 2-Hexanone	10.83	43	27282	6.015	ug/l	95
60) Dibromochloromethane	10.99	129	3311	1.038	ug/l	94
61) 1,2-Dibromoethane	11.09	107	3252	1.050	ug/l	97
64) Tetrachloroethene	10.72	164	3801	1.120	ug/l	95
65) Chlorobenzene	11.52	112	9253	1.244	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	2870	1.029	ug/l #	61
67) Ethyl Benzene	11.59	91	14518	1.130	ug/l #	88
68) m/p-Xylenes	11.70	106	10932	2.159	ug/l	92
69) o-Xylene	12.03	106	5355	1.074	ug/l	87
70) Styrene	12.04	104	9176	1.112	ug/l	98
71) Bromoform	12.20	173	2083	0.847	ug/l #	93
73) Isopropylbenzene	12.33	105	14087	1.182	ug/l	99
74) N-amyl acetate	12.14	43	5049	1.094	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	4582	1.209	ug/l	94
76) 1,2,3-Trichloropropane	12.63	75	3957m	0.768	ug/l	
77) Bromobenzene	12.61	156	3599	1.151	ug/l	83
78) n-propylbenzene	12.67	91	15672	1.155	ug/l	98
79) 2-Chlorotoluene	12.75	91	9933	1.294	ug/l	89
80) 1,3,5-Trimethylbenzene	12.81	105	11423	1.140	ug/l	89
82) 4-Chlorotoluene	12.86	91	8883	1.132	ug/l	93
83) tert-Butylbenzene	13.07	119	10778	1.190	ug/l	92
84) 1,2,4-Trimethylbenzene	13.12	105	11402	1.147	ug/l	98
85) sec-Butylbenzene	13.25	105	13865	1.130	ug/l	97
86) p-Isopropyltoluene	13.37	119	11551	1.036	ug/l	97
87) 1,3-Dichlorobenzene	13.36	146	5493	0.954	ug/l	82
88) 1,4-Dichlorobenzene	13.44	146	7073m	1.219	ug/l	
89) n-Butylbenzene	13.69	91	10454	1.068	ug/l	97
90) Hexachloroethane	13.95	117	2157	1.028	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	6596	1.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	1212	0.981	ug/l	92
93) 1,2,4-Trichlorobenzene	15.01	180	4477	1.113	ug/l	89
94) Hexachlorobutadiene	15.11	225	2183	1.015	ug/l	93
95) Naphthalene	15.23	128	15002	1.103	ug/l	97
96) 1,2,3-Trichlorobenzene	15.42	180	3887	0.968	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

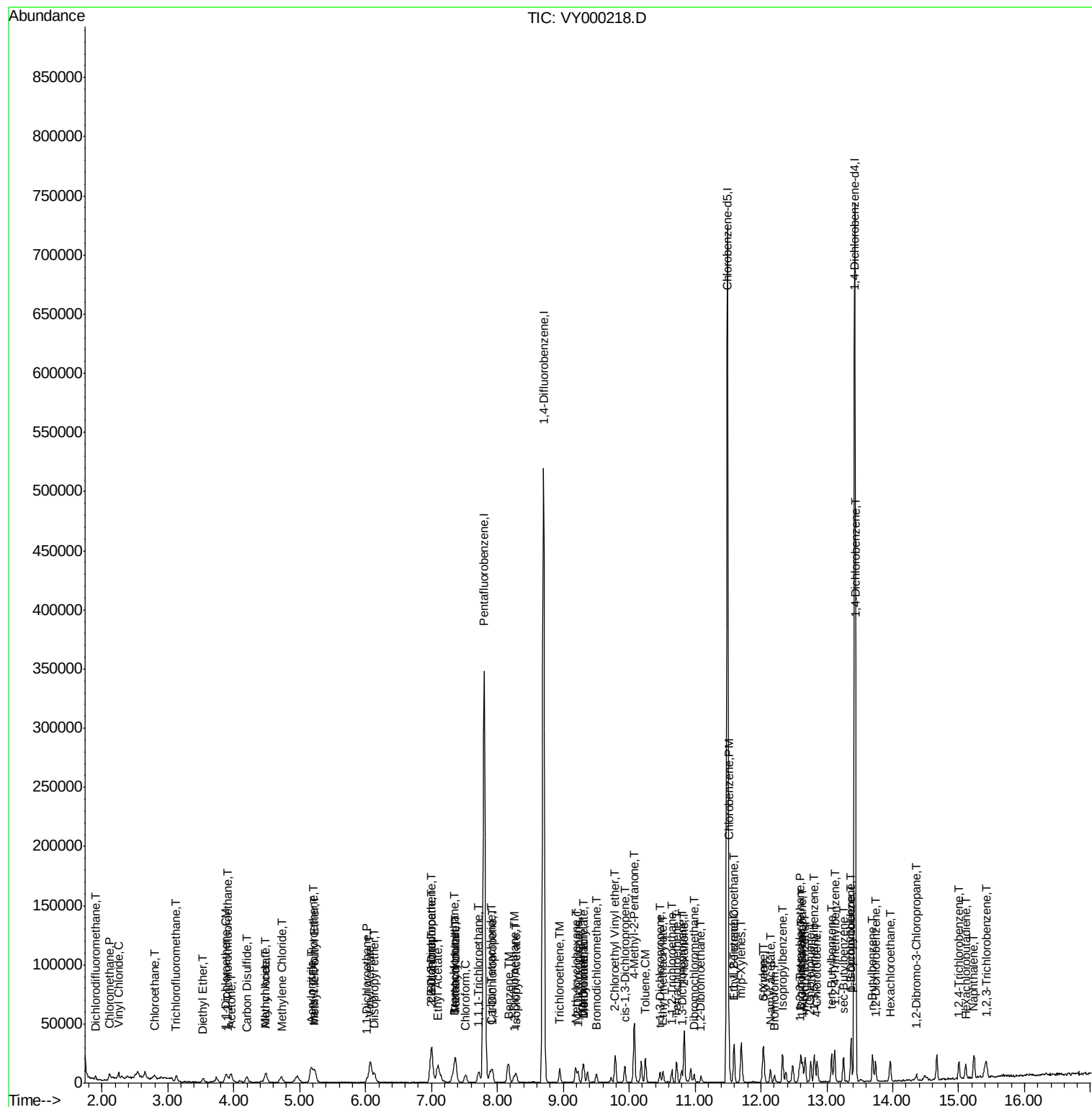
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
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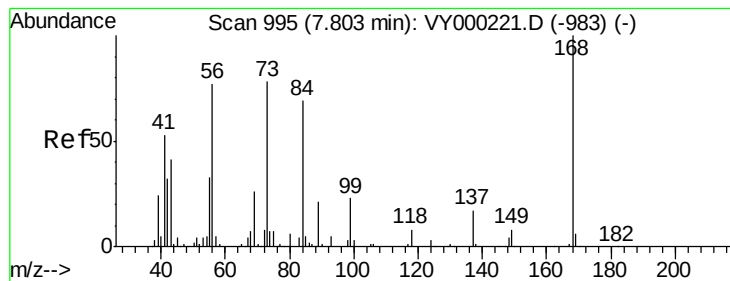
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 270628

Ion Ratio Lower Upper

168 100

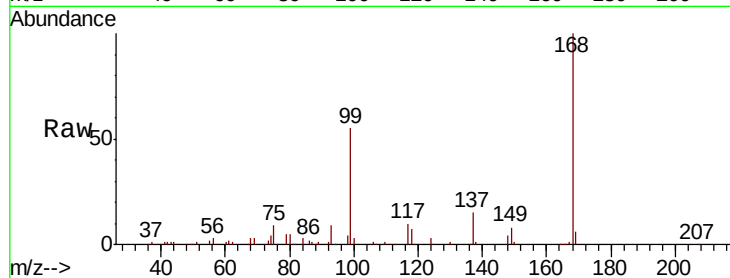
99 55.4 37.8 56.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000221.D (-983) (-)

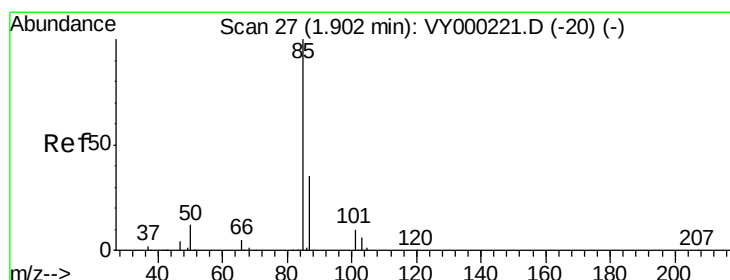
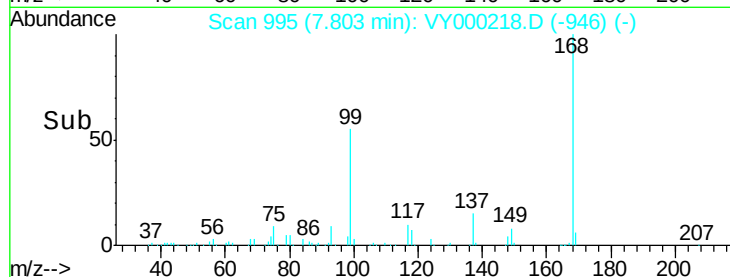
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.225 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000218.D

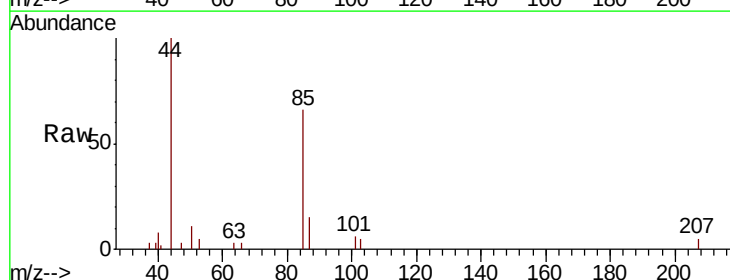
Acq: 08 Oct 2019 12:37

Tgt Ion: 85 Resp: 2524

Ion Ratio Lower Upper

85 100

87 22.1 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VY000221.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000221.D (-20) (-)

1.90

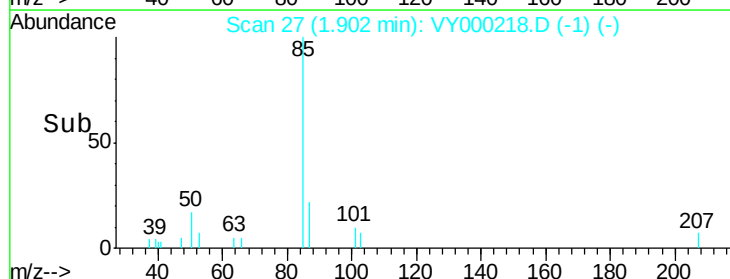
1500

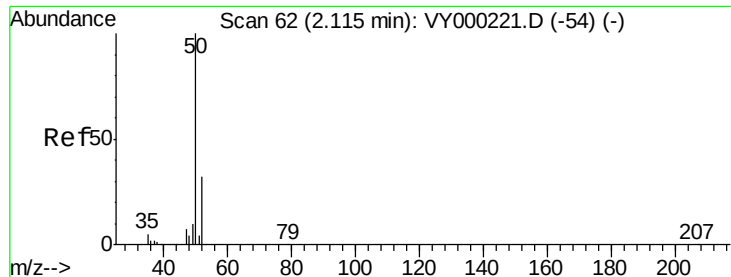
1000

500

0

Time-->





#3

Chloromethane

Concen: 1.579 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 3954

Ion Ratio Lower Upper

50 100

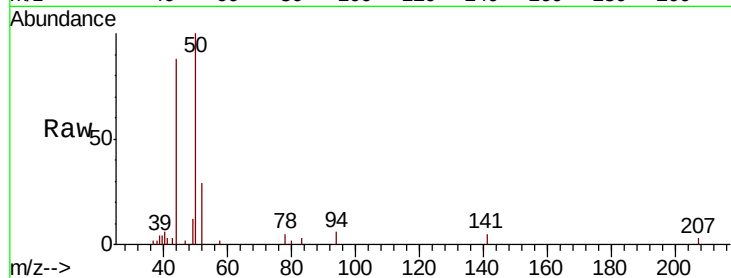
52 29.0 26.8 40.2

Manual Integrations

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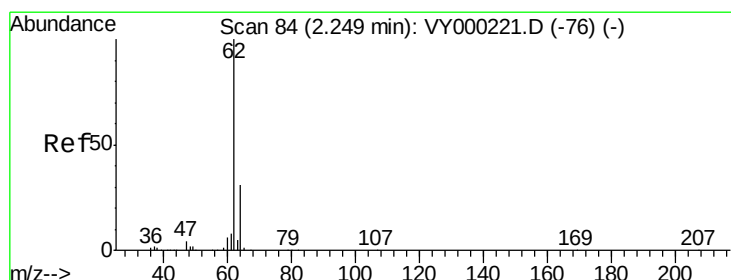
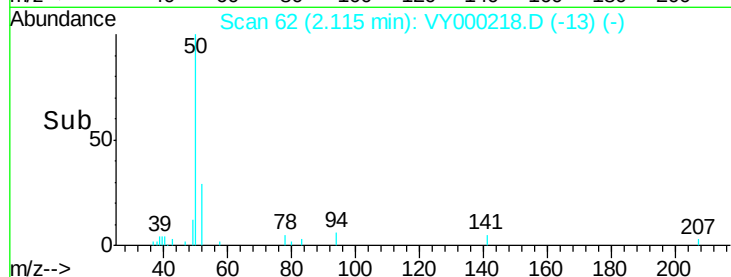
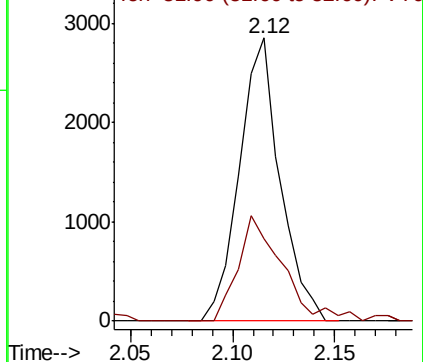
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 1.352 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000218.D

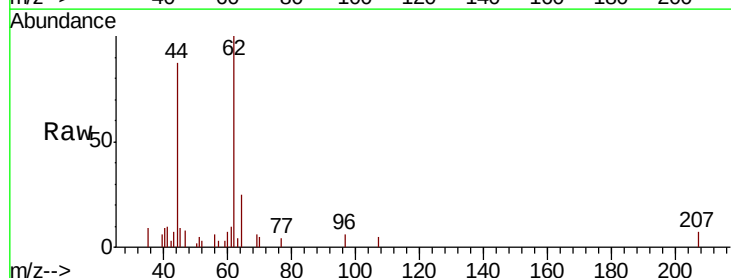
Acq: 08 Oct 2019 12:37

Tgt Ion: 62 Resp: 3675

Ion Ratio Lower Upper

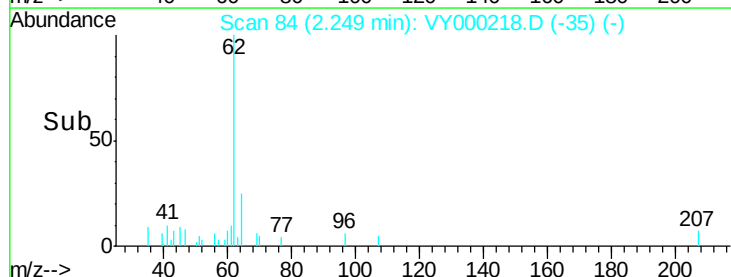
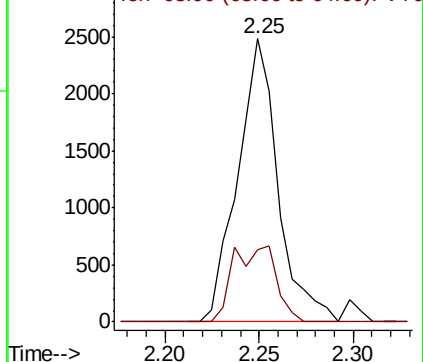
62 100

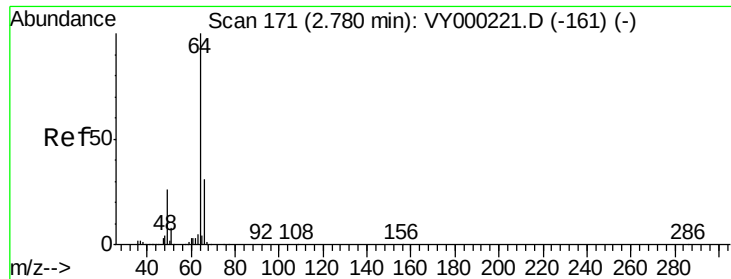
64 25.3 25.9 38.9#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#6

Chloroethane

Concen: 1.212 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 2117

Ion Ratio Lower Upper

64 100

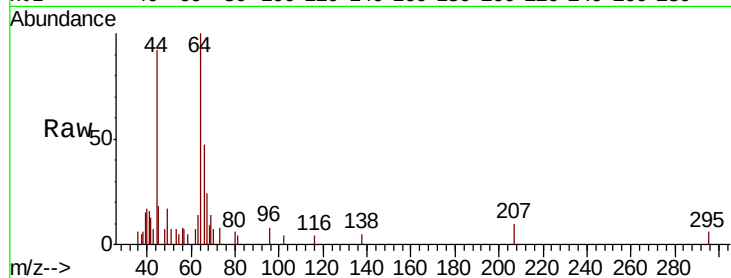
66 46.7 28.6 42.8#

Manual Integrations

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Abundance Ion 63.90 (63.60 to 64.60): VY000221.D (-161) (-)

Ion 65.90 (65.60 to 66.60): VY000221.D (-161) (-)

2.80

1500

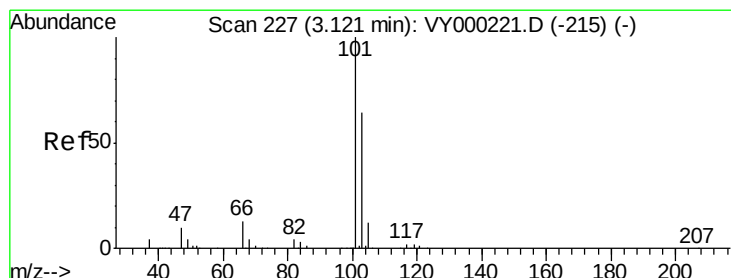
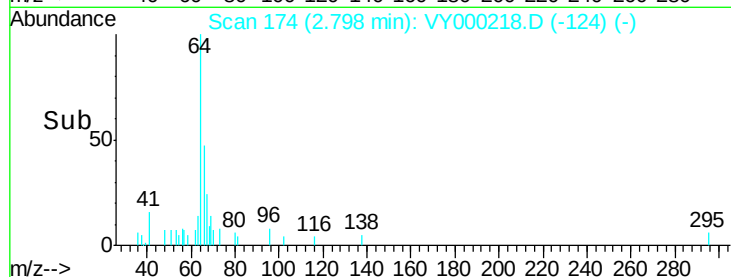
1000

500

0

Time-->

2.75 2.80 2.85



#7

Trichlorofluoromethane

Concen: 1.263 ug/l

RT: 3.12 min Scan# 227

Delta R.T. -0.01 min

Lab File: VY000218.D

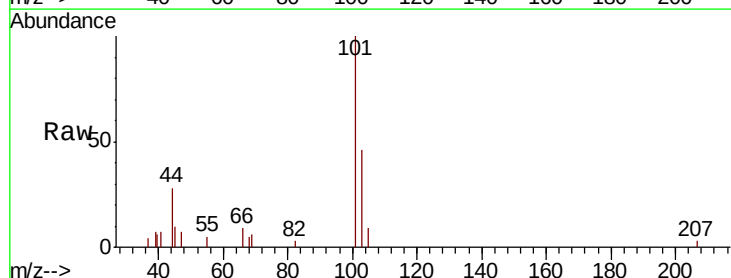
Acq: 08 Oct 2019 12:37

Tgt Ion: 101 Resp: 4841

Ion Ratio Lower Upper

101 100

103 45.9 48.3 72.5#



Abundance Ion 100.90 (100.60 to 101.60): VY000221.D (-215) (-)

Ion 102.80 (102.50 to 103.50): VY000221.D (-215) (-)

3.12

2500

2000

1500

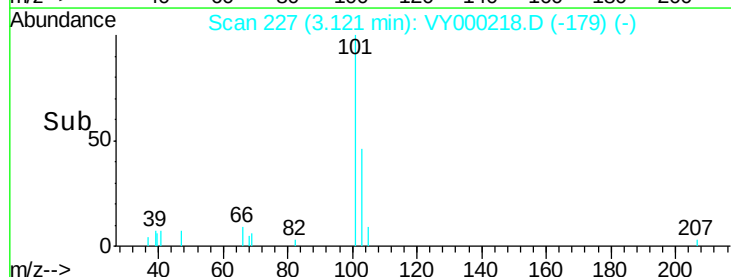
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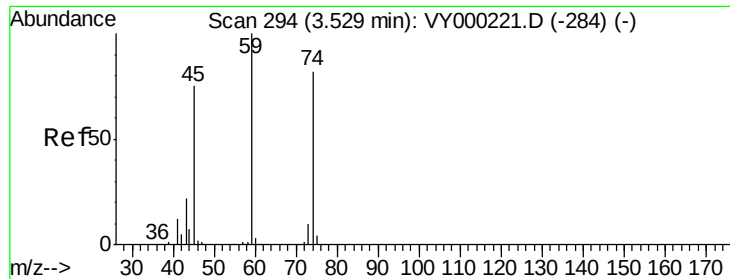
500

0

Time-->

3.05 3.10 3.15 3.20





#8

Diethyl Ether

Concen: 1.694 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.00 min

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Tot Ion: 74 Resp: 2521

Ion Ratio Lower Upper

74 100

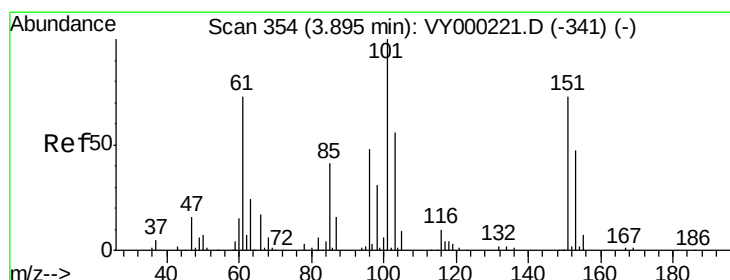
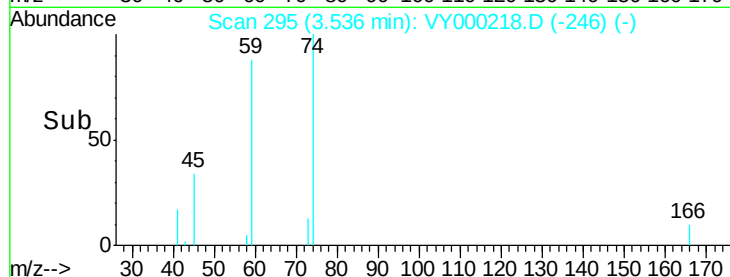
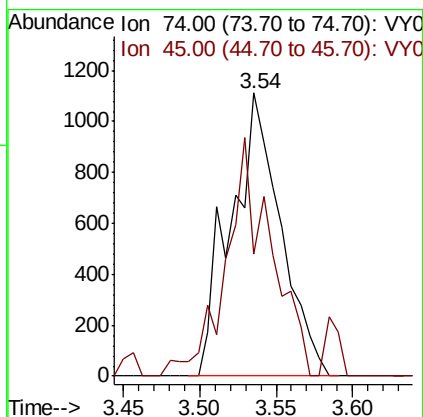
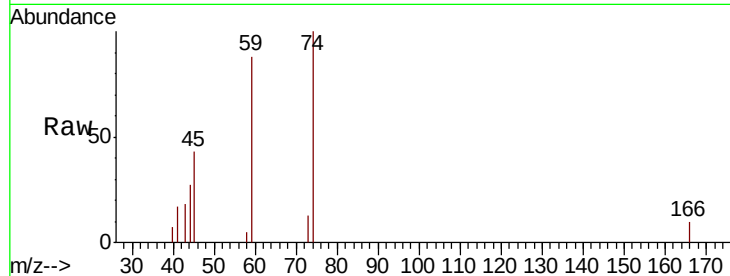
45 75.6 40.6 121.8

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.233 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

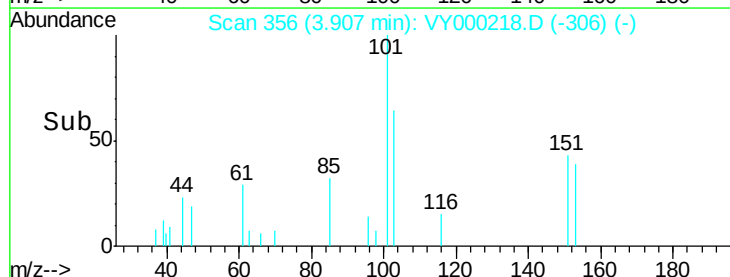
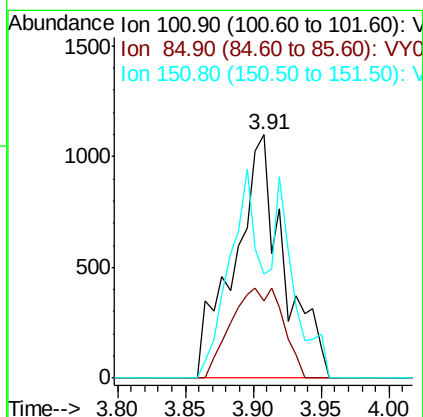
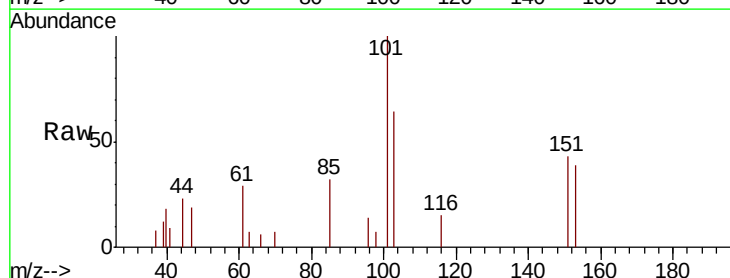
Tgt Ion: 101 Resp: 2782

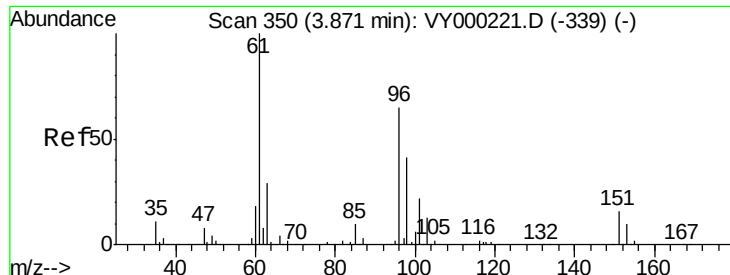
Ion Ratio Lower Upper

101 100

85 38.9 34.6 52.0

151 50.6 69.2 103.8#





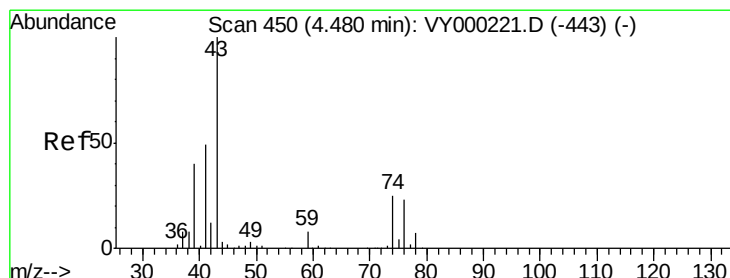
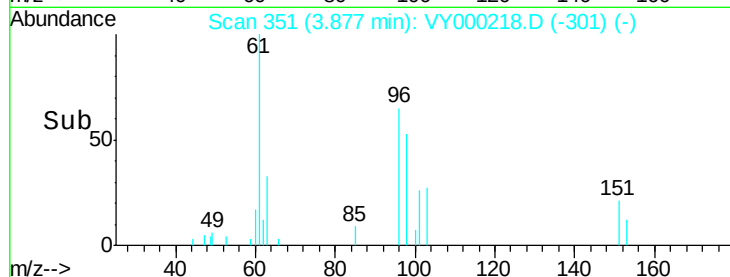
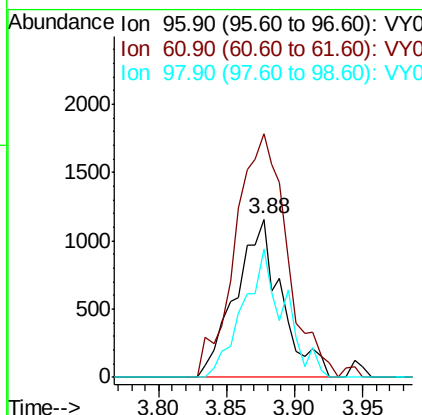
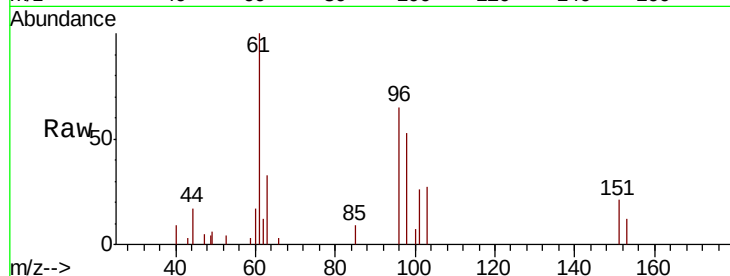
#12
 1,1-Dichloroethene
 Concen: 1.169 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VY000218.D
 Acq: 08 Oct 2019 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.9	105.1	157.7
98	81.3	46.9	70.3#

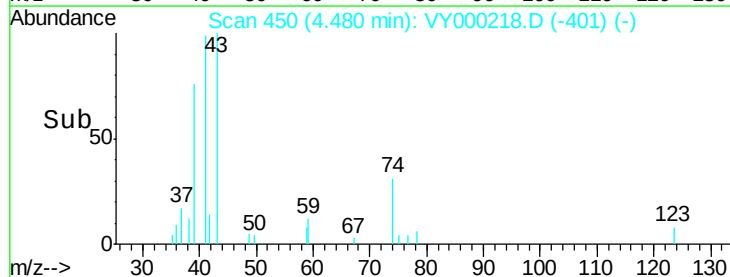
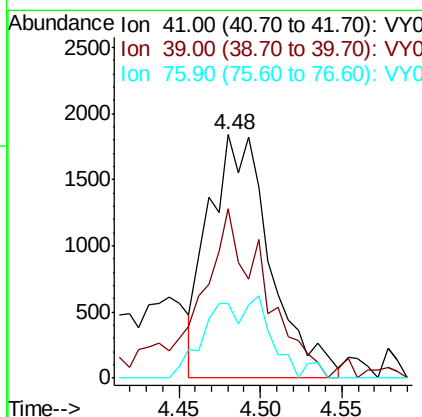
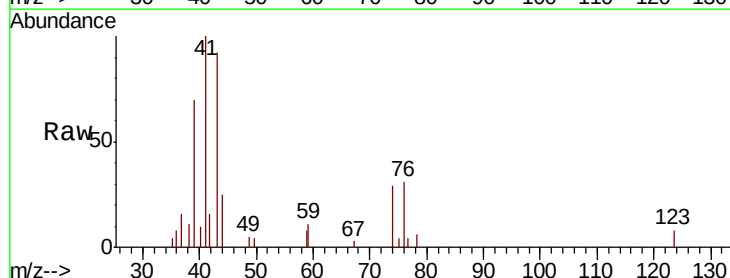
Manual Integrations
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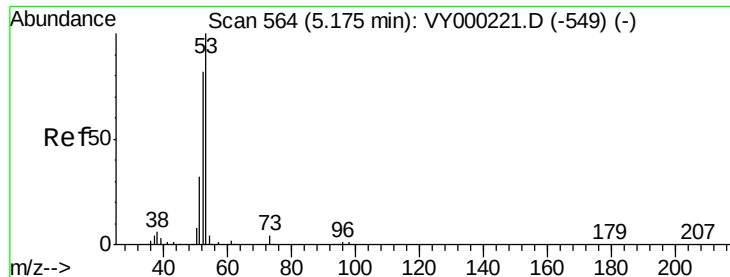
MMDadoda
 10/10/2019 12:52:17 AM



#14
 Allyl chloride
 Concen: 1.400 ug/l
 RT: 4.48 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: VY000218.D
 Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.4	62.2	93.2
76	19.0	36.5	54.7#





#15

Acrylonitrile

Concen: 7.208 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

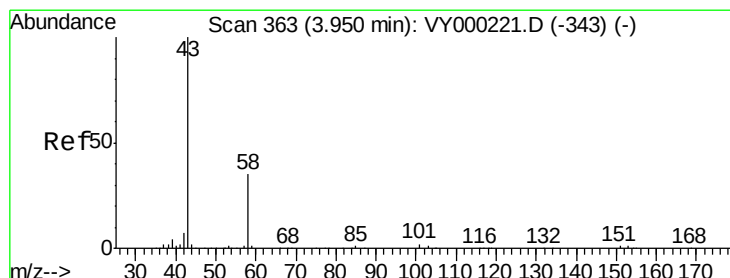
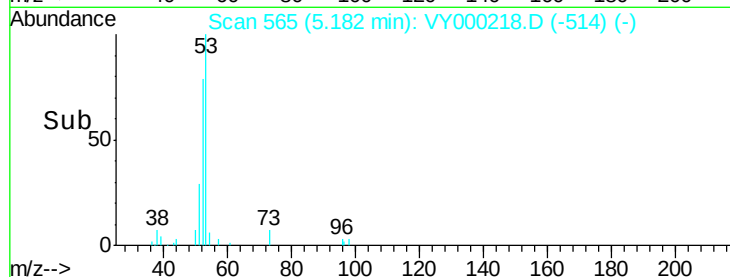
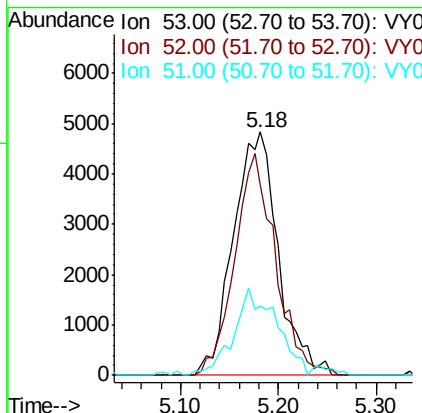
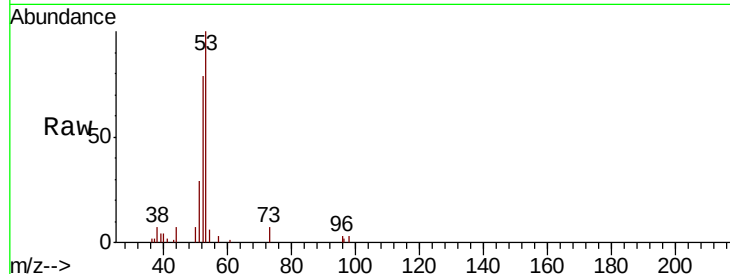
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	15443
Ion	Ratio	Lower	Upper
53	100		
52	83.1	64.6	97.0
51	34.0	27.3	40.9

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#16

Acetone

Concen: 7.638 ug/l

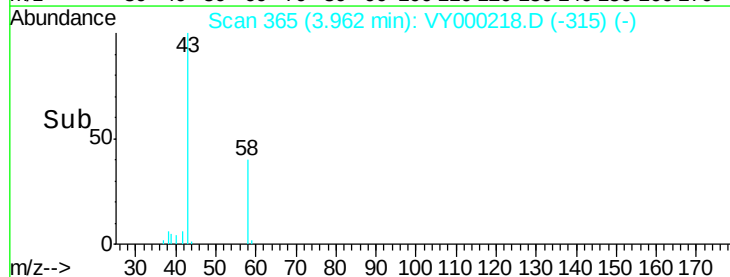
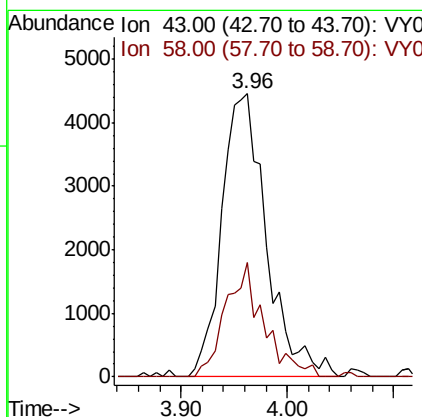
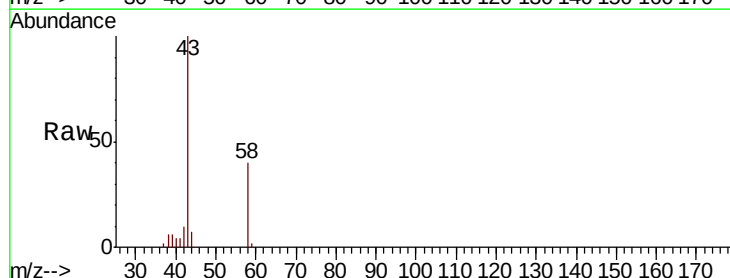
RT: 3.96 min Scan# 365

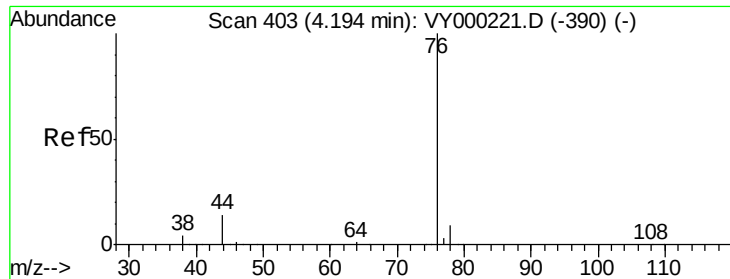
Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Tgt Ion:	43	Resp:	13067
Ion	Ratio	Lower	Upper
43	100		
58	40.3	28.2	42.2





#17

Carbon Disulfide

Concen: 1.363 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 8650

Ion Ratio Lower Upper

76 100

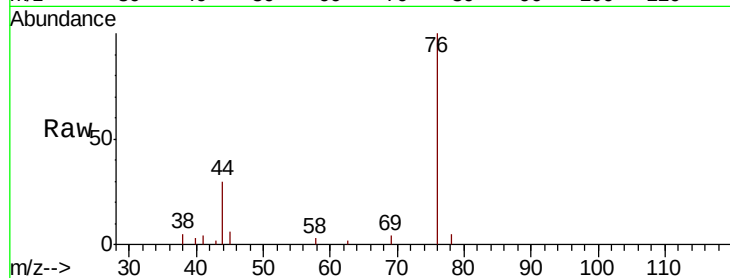
78 5.1 7.4 11.2#

Manual Integrations

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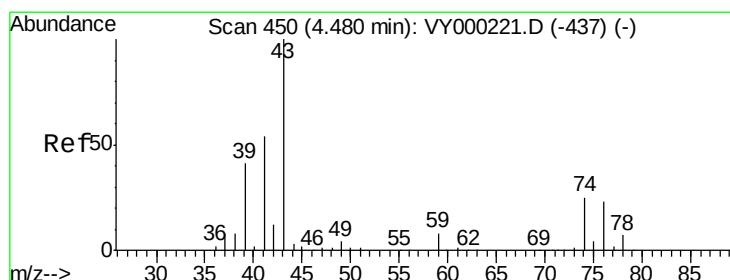
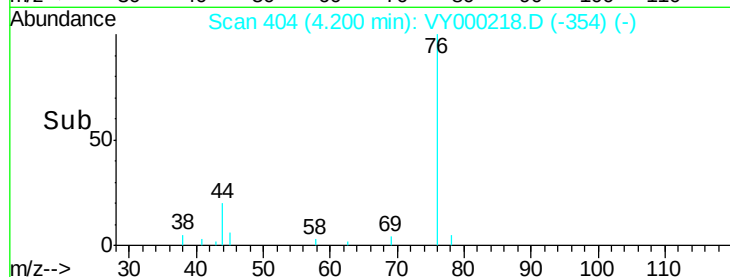
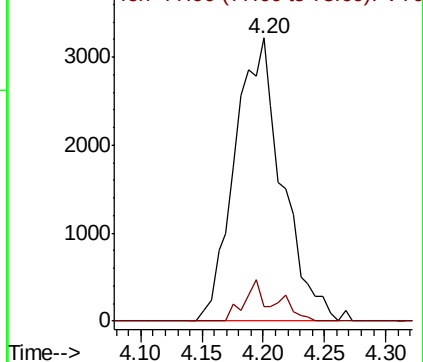
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 1.424 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000218.D

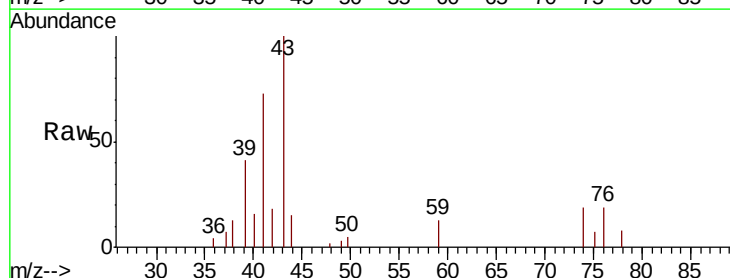
Acq: 08 Oct 2019 12:37

Tgt Ion: 43 Resp: 6661

Ion Ratio Lower Upper

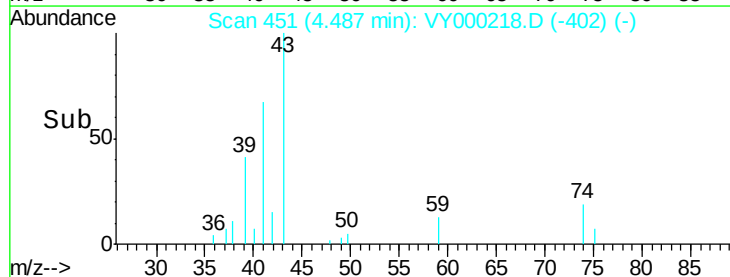
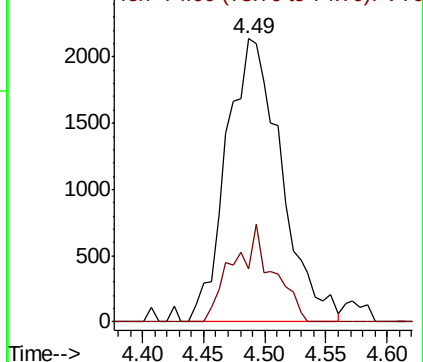
43 100

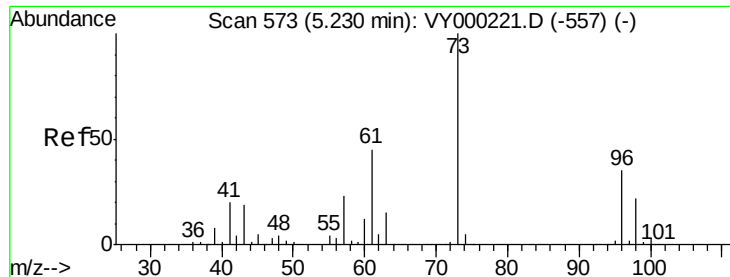
74 25.1 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





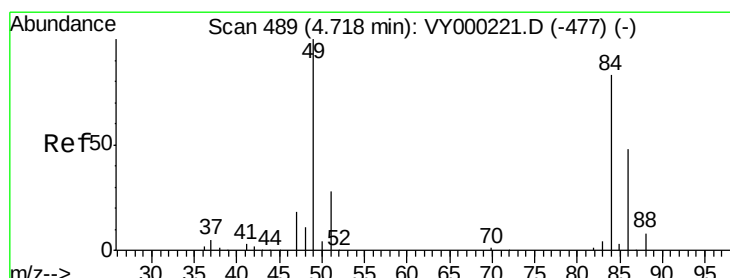
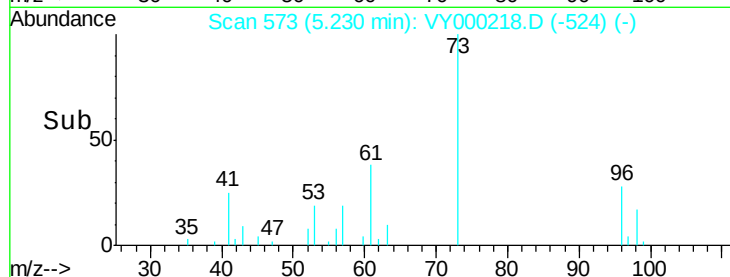
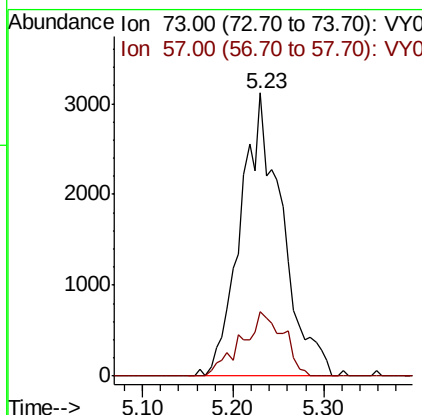
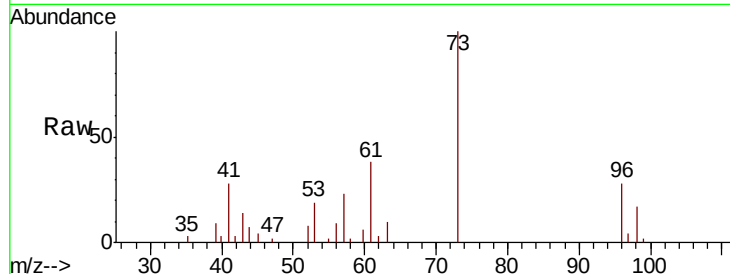
#19
Methyl tert-butyl Ether
Concen: 1.326 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 9890
Ion Ratio Lower Upper
73 100
57 23.0 16.3 24.5

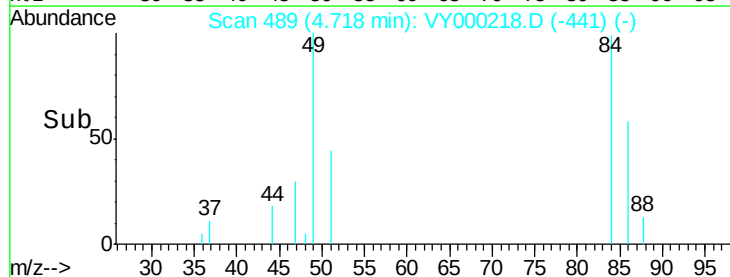
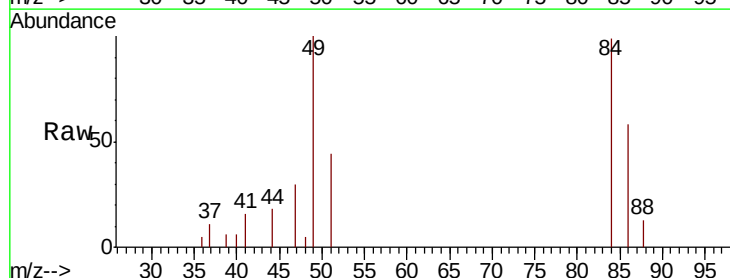
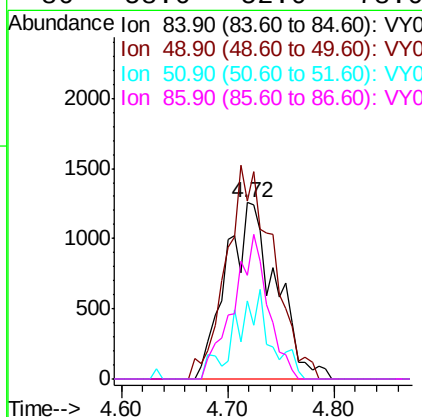
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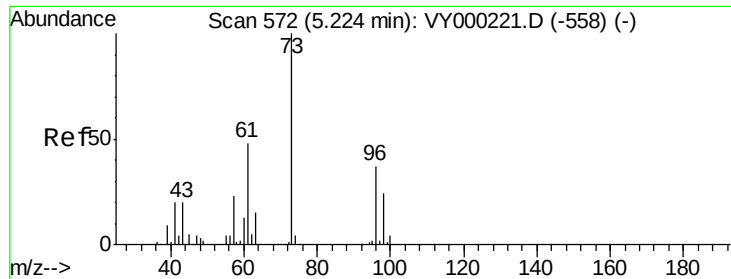
MMDadoda
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#20
Methylene Chloride
Concen: 1.548 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 84 Resp: 4106
Ion Ratio Lower Upper
84 100
49 101.3 86.2 129.2
51 44.3 25.3 37.9#
86 58.6 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 1.353 ug/l

RT: 5.21 min Scan# 570

Delta R.T. -0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

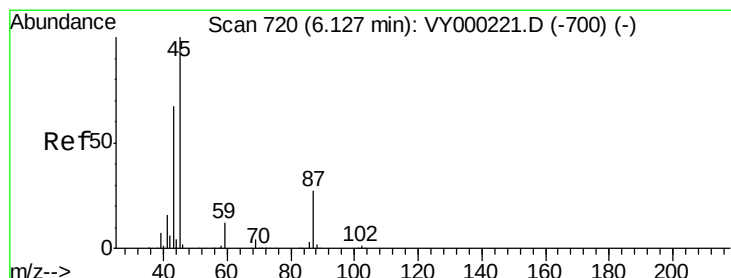
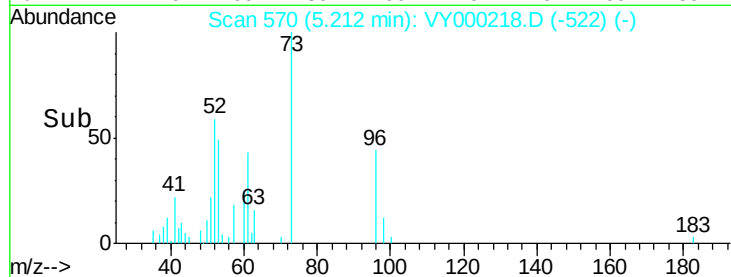
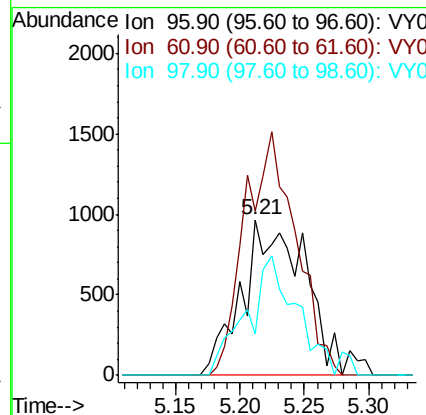
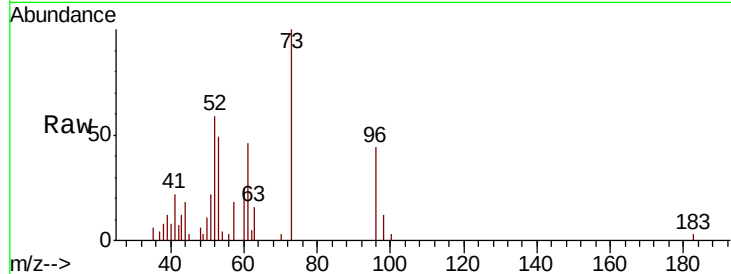
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3255
Ion	Ratio	Lower	Upper
96	100		
61	105.3	96.1	144.1
98	26.6	50.3	75.5#

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#22

Diisopropyl ether

Concen: 1.487 ug/l

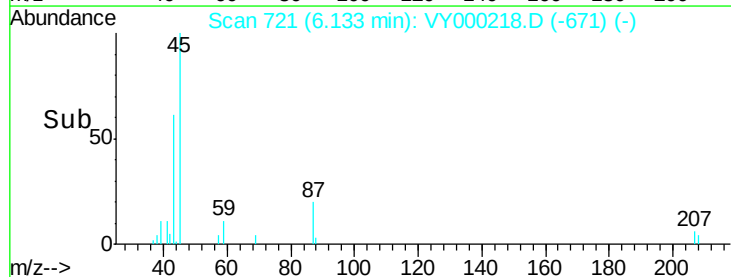
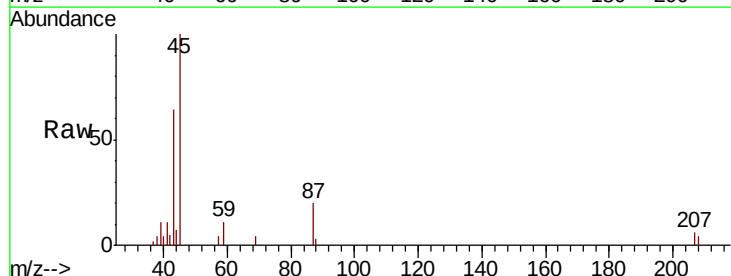
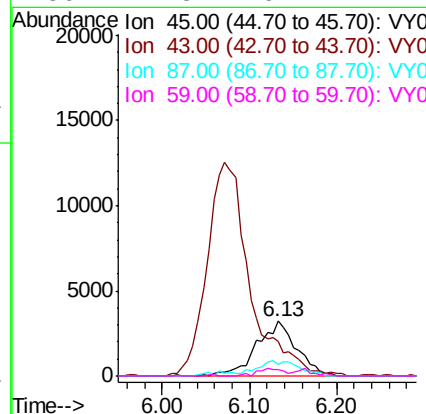
RT: 6.13 min Scan# 721

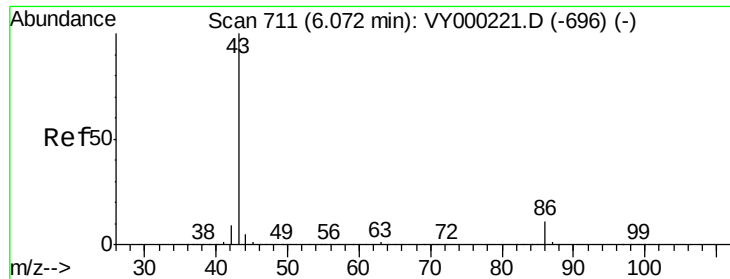
Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Tgt Ion:	45	Resp:	10196
Ion	Ratio	Lower	Upper
45	100		
43	59.9	51.5	77.3
87	20.3	27.0	40.4#
59	11.3	9.4	14.2





#23

Vinyl Acetate

Concen: 6.667 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 42593

Ion Ratio Lower Upper

43 100

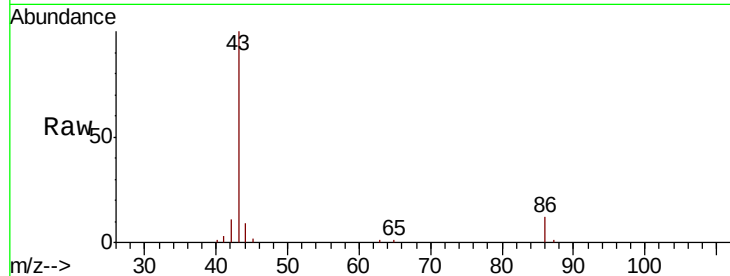
86 11.7 10.7 16.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

15000

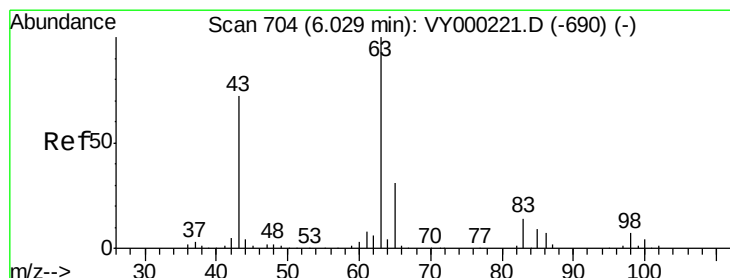
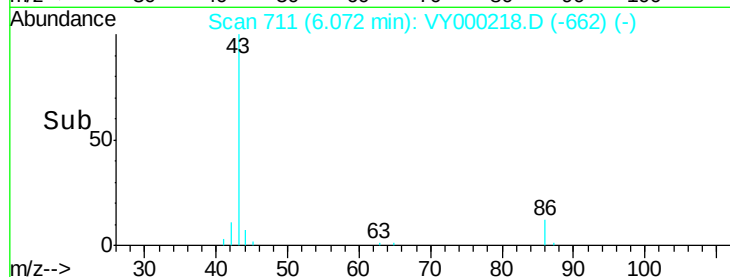
10000

5000

0

Time-->

5.90 6.00 6.10 6.20



#24

1,1-Dichloroethane

Concen: 1.458 ug/l m

RT: 6.01 min Scan# 701

Delta R.T. -0.02 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

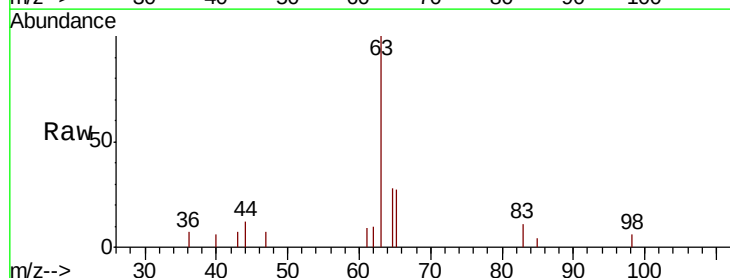
Tgt Ion: 63 Resp: 5689

Ion Ratio Lower Upper

63 100

98 6.1 4.8 14.4

100 0.0 2.9 8.8#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.01

2000

1500

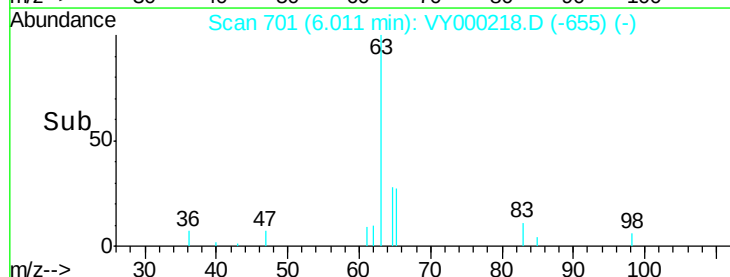
1000

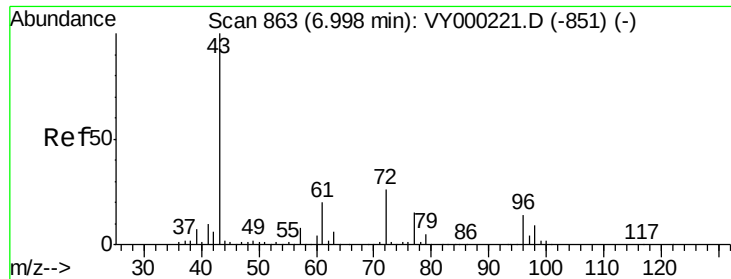
500

0

Time-->

5.90 6.00 6.10





#25

2-Butanone

Concen: 7.037 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 21685

Ion Ratio Lower Upper

43 100

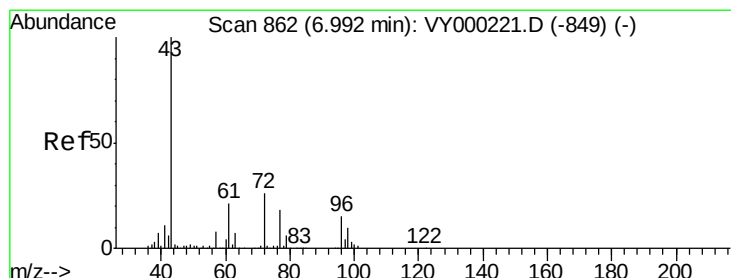
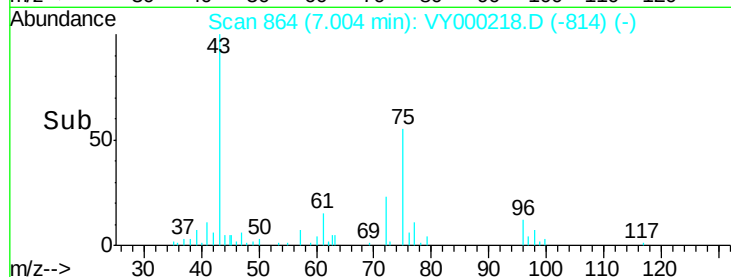
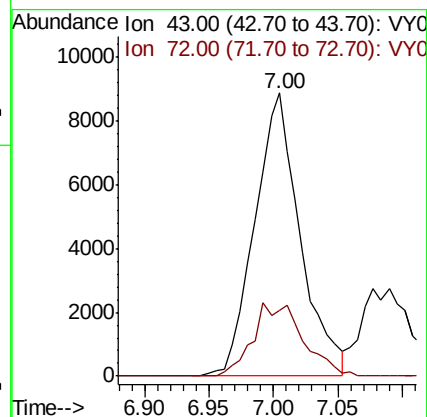
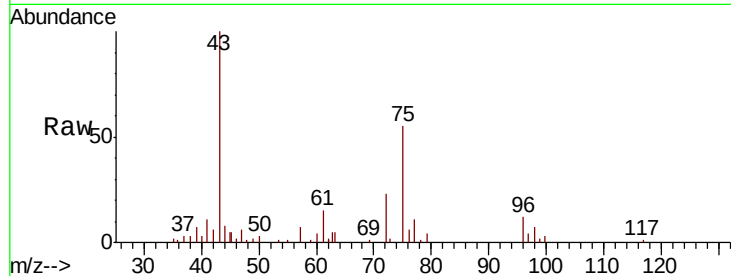
72 23.4 23.1 34.7

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#26

2,2-Dichloropropane

Concen: 1.491 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000218.D

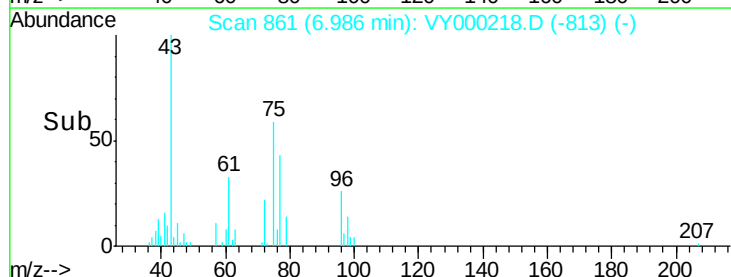
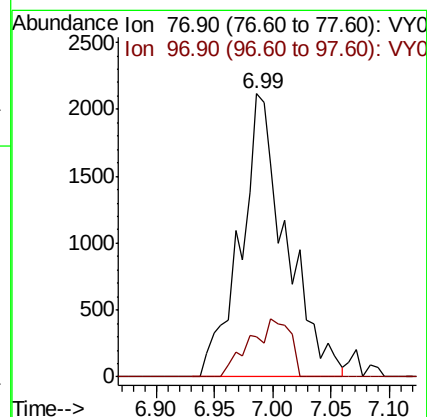
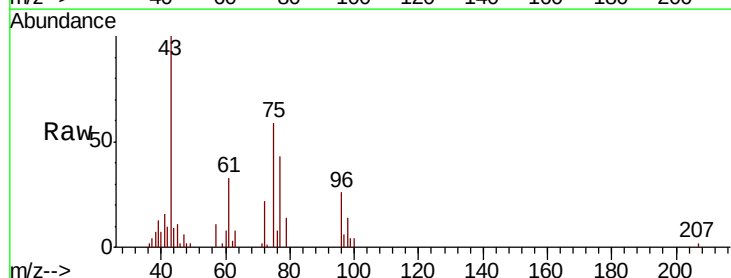
Acq: 08 Oct 2019 12:37

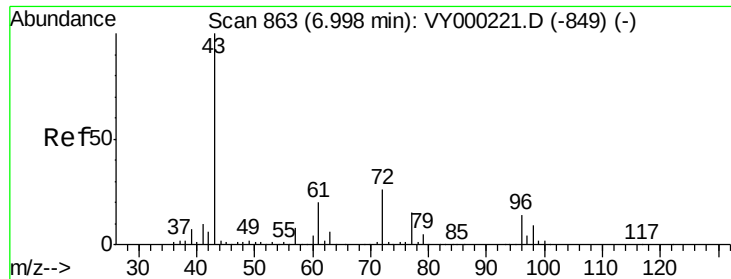
Tgt Ion: 77 Resp: 5739

Ion Ratio Lower Upper

77 100

97 18.2 11.9 35.5





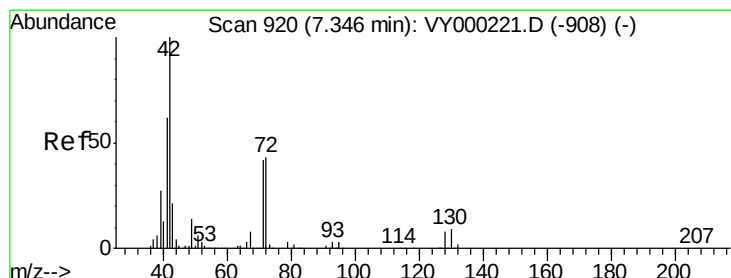
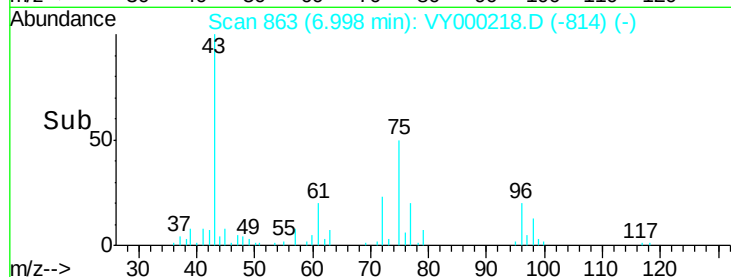
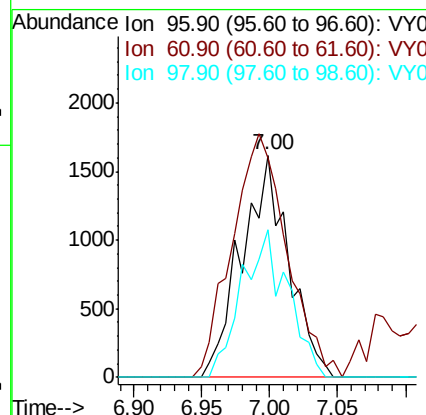
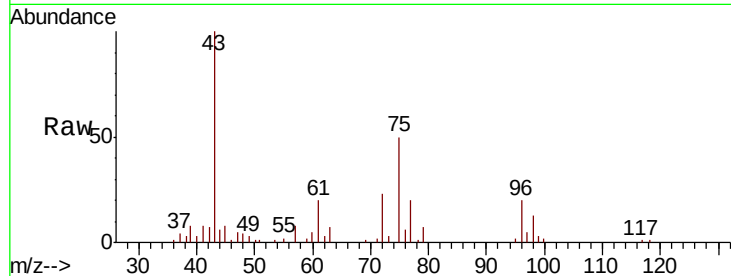
#27
 cis-1,2-Dichloroethene
 Concen: 1.361 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY000218.D
 Acq: 08 Oct 2019 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.4	0.0	244.4
98	64.8	0.0	129.6

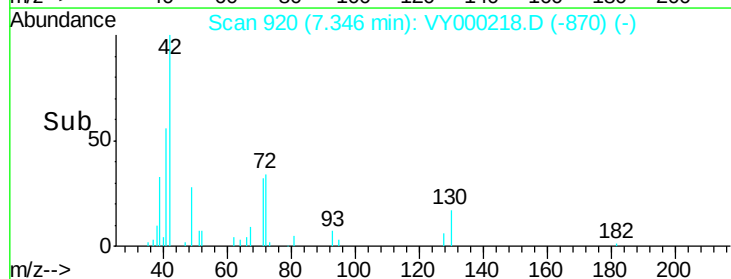
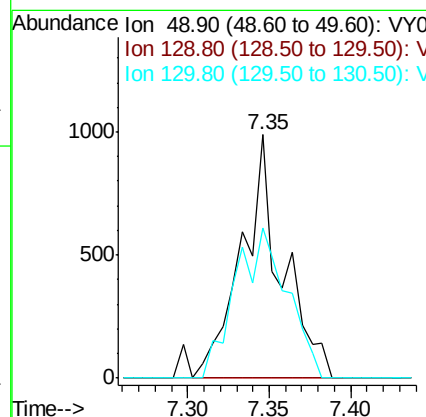
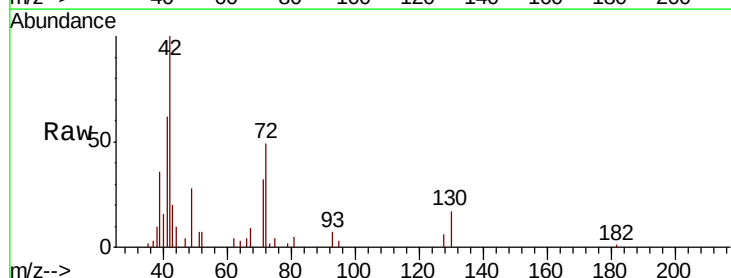
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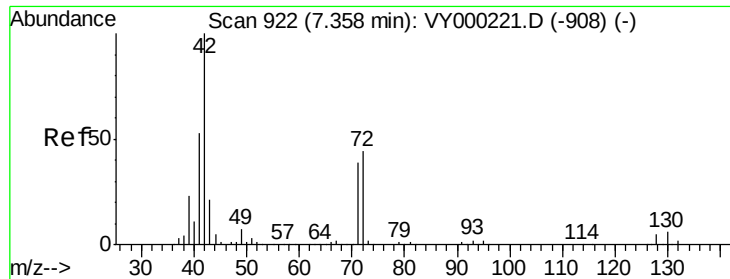
MMDadoda
 10/10/2019 12:52:17 AM



#28
 Bromochloromethane
 Concen: 1.529 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VY000218.D
 Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	79.2	70.5	105.7





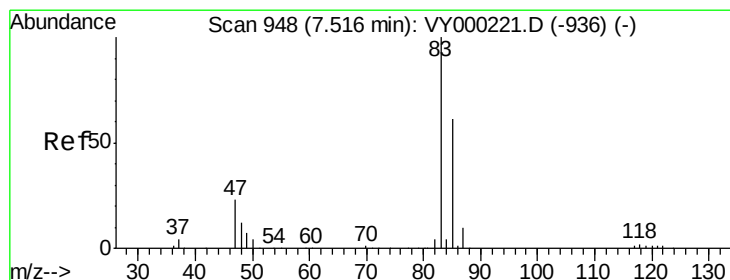
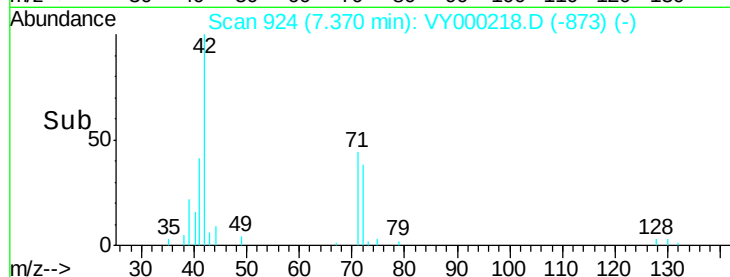
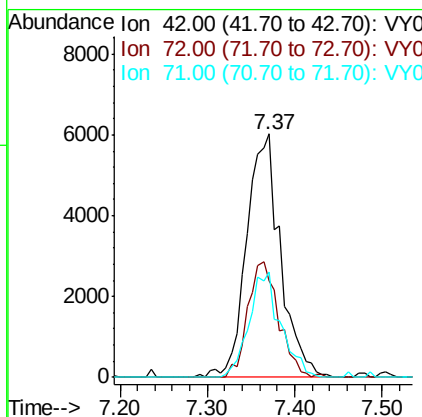
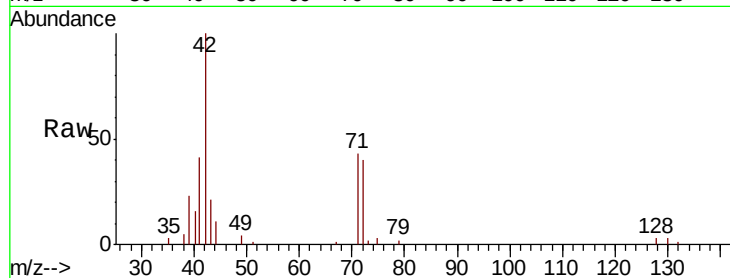
#29
Tetrahydrofuran
Concen: 7.549 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	40.4	60.6
71	40.2	36.6	55.0

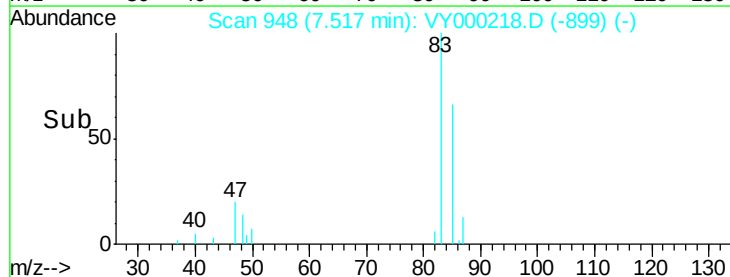
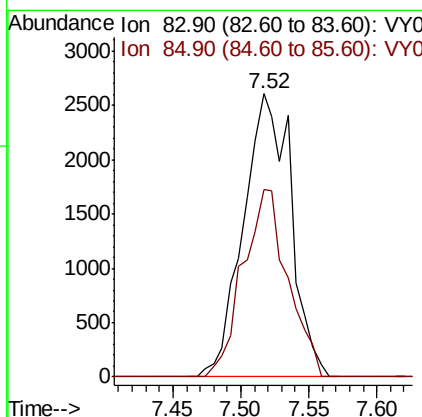
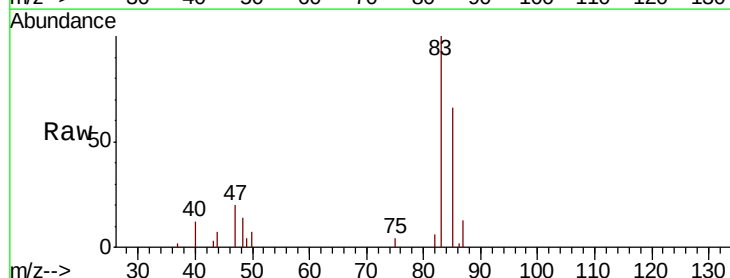
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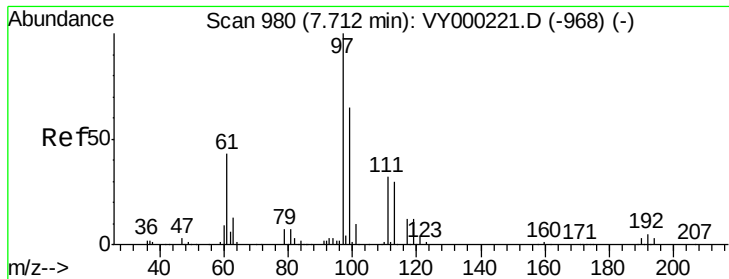
MMDadoda
10/10/2019 12:52:17 AM



#30
Chloroform
Concen: 1.448 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.1	78.1





#32

1,1,1-Trichloroethane

Concen: 1.257 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

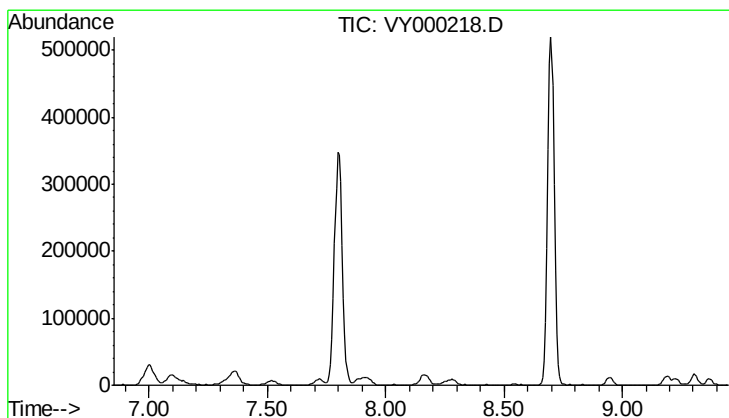
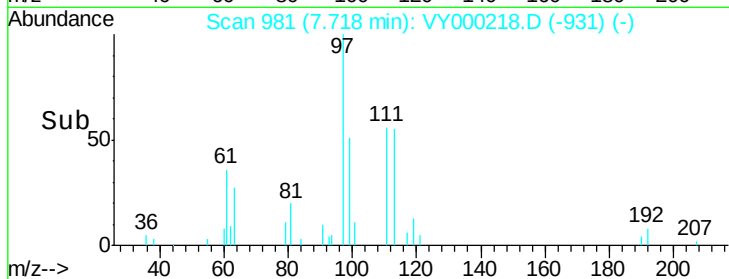
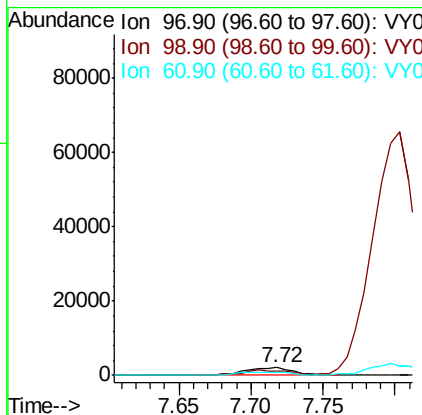
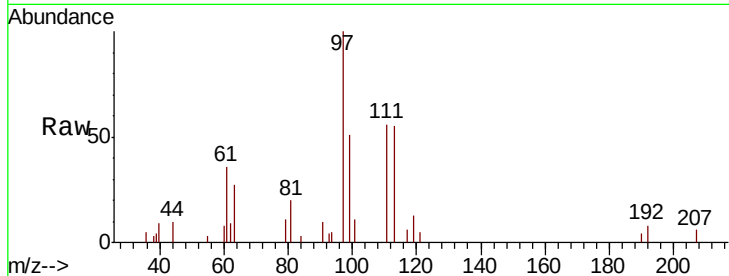
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	4856
Ion Ratio	Lower	Upper	
97	100		
99	0.0	52.2	78.2#
61	44.0	32.5	48.7

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.15 min

Lab File: VY000218.D

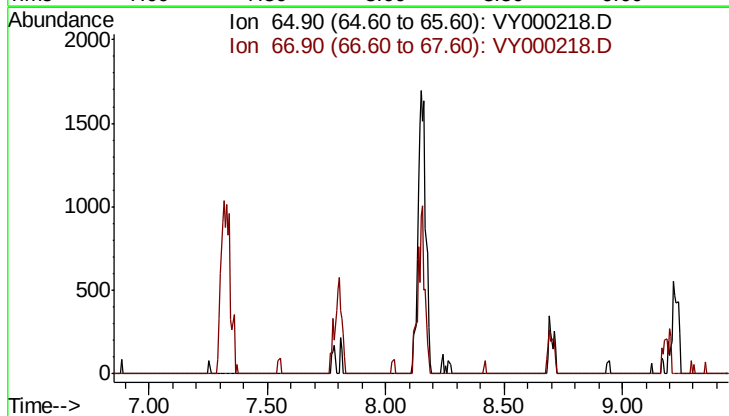
Acq: 08 Oct 2019 12:37

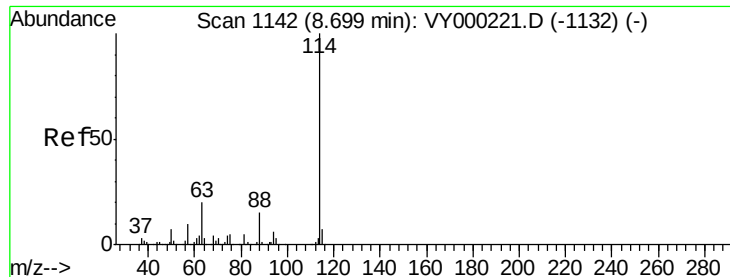
Tgt Ion: 65

Sig Exp Ratio

65 100

67 53.9





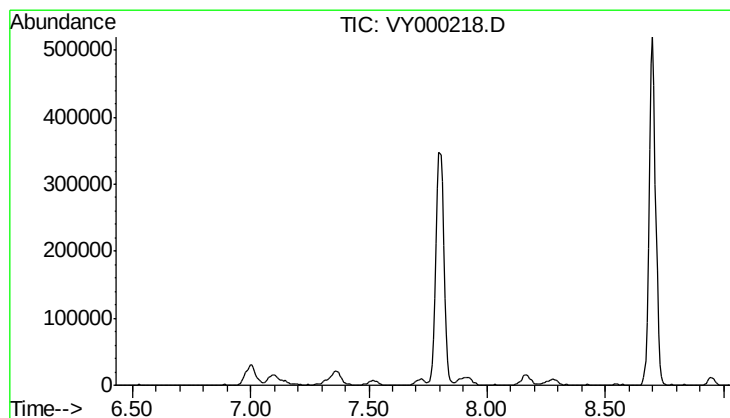
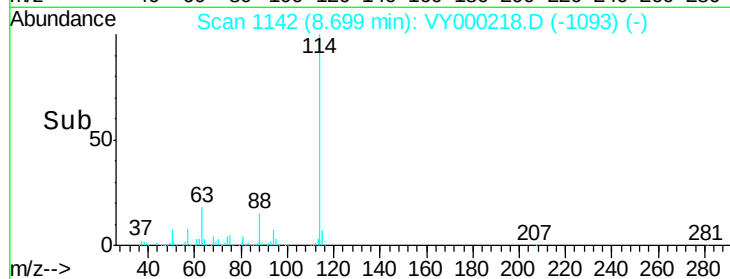
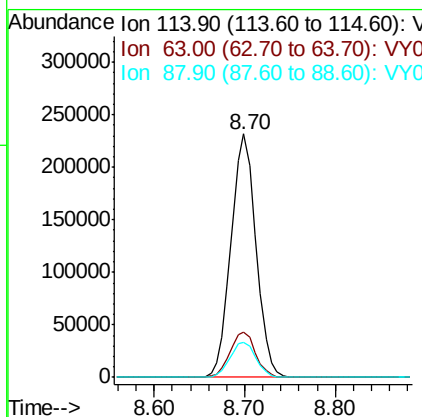
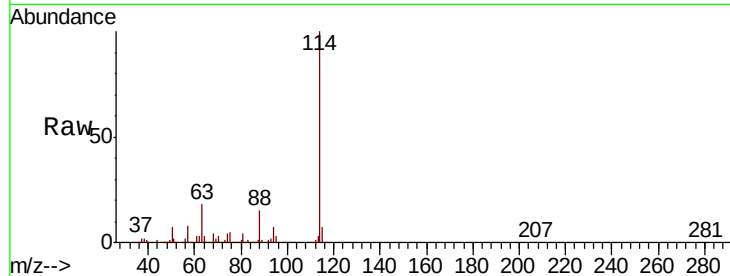
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	33.4
88	14.6	0.0	30.2

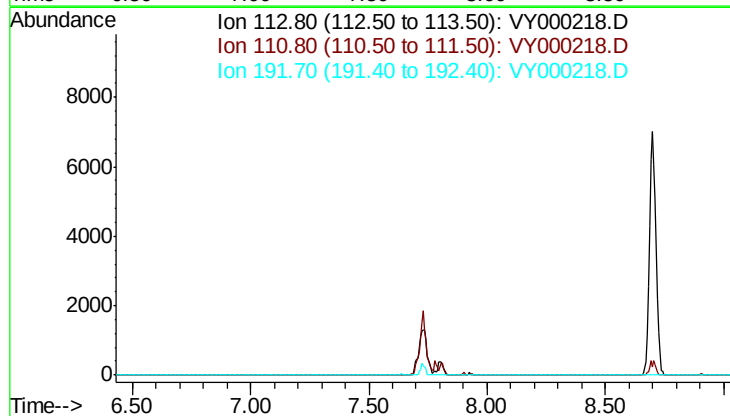
Manual Integrations
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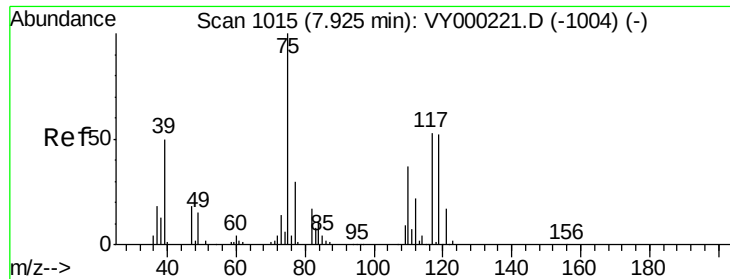
MMDadoda
10/10/2019 12:52:17 AM



#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.73 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Tgt Ion	Exp Ratio
113	100
111	105.0
192	23.2





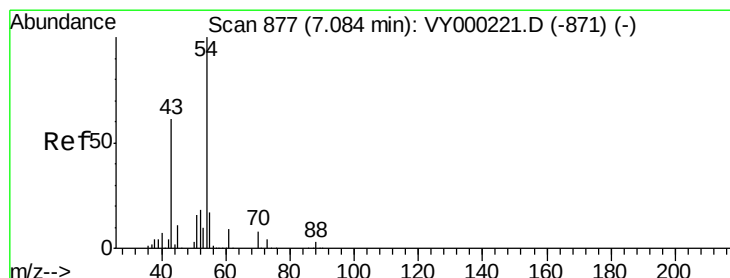
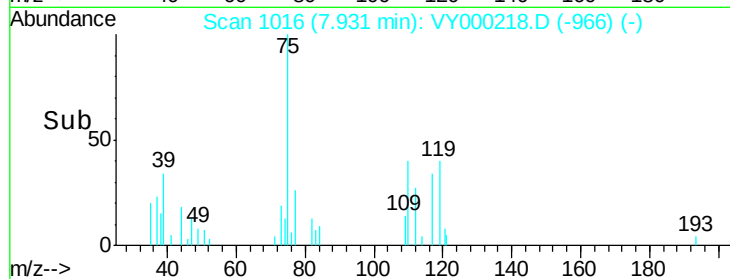
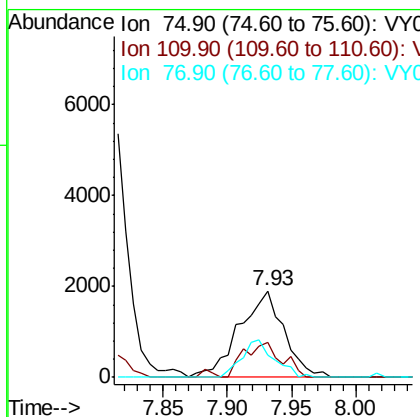
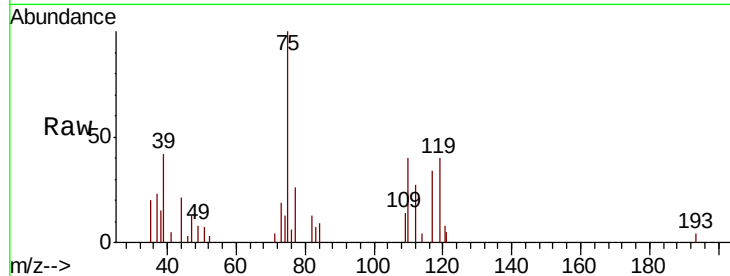
#36
 1,1-Dichloropropene
 Concen: 1.290 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY000218.D
 Acq: 08 Oct 2019 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	34.1	20.2	60.5
77	31.5	25.5	38.3

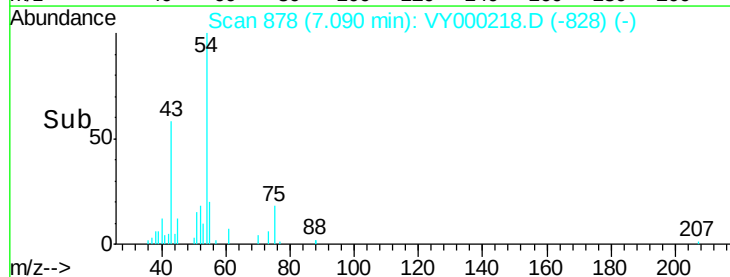
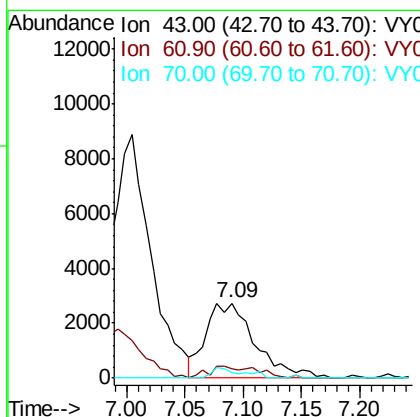
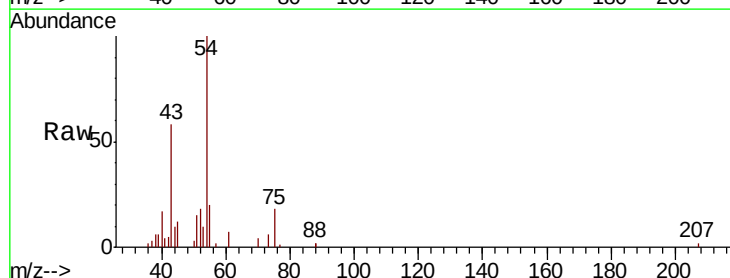
Manual Integrations
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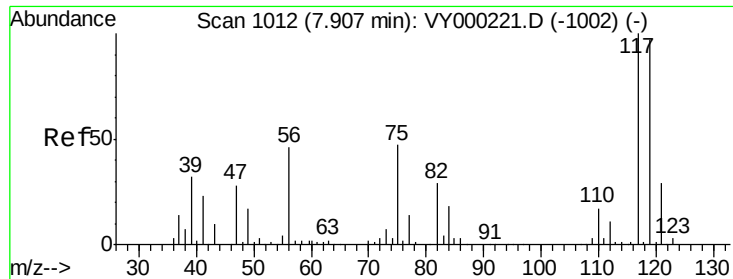
MMDadoda
 10/10/2019 12:52:17 AM



#37
 Ethyl Acetate
 Concen: 1.442 ug/l
 RT: 7.09 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: VY000218.D
 Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.6	17.4
70	5.6	9.5	14.3





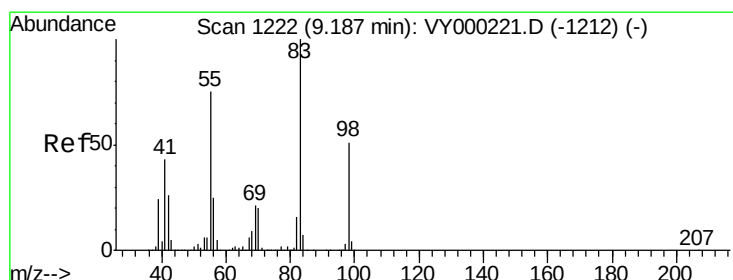
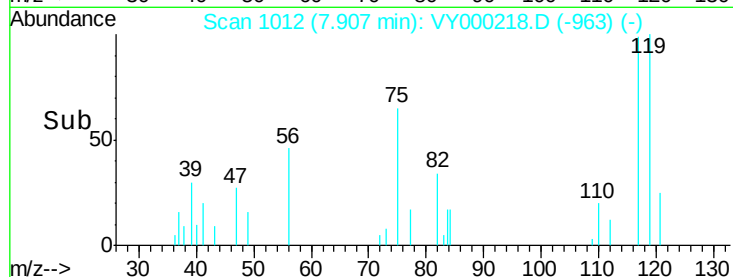
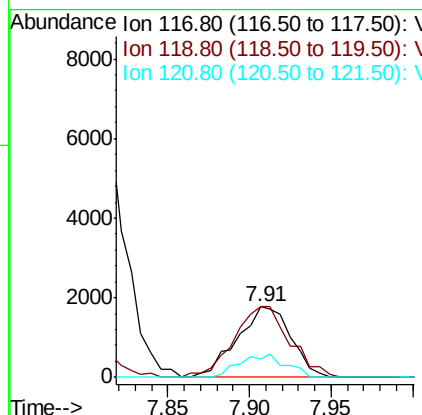
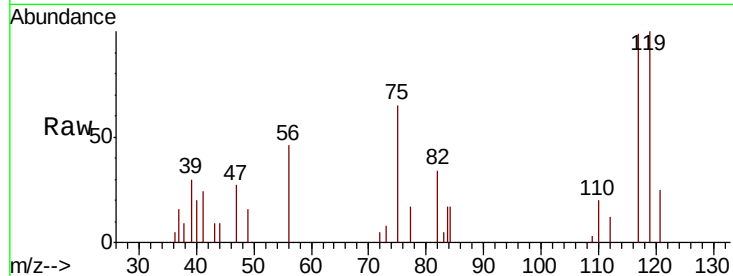
#38
Carbon Tetrachloride
Concen: 1.063 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	100.5	74.7	112.1
121	25.3	25.1	37.7

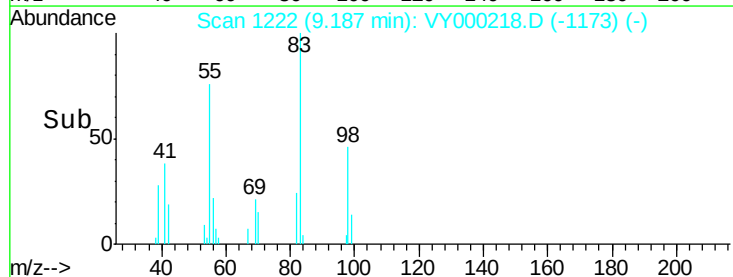
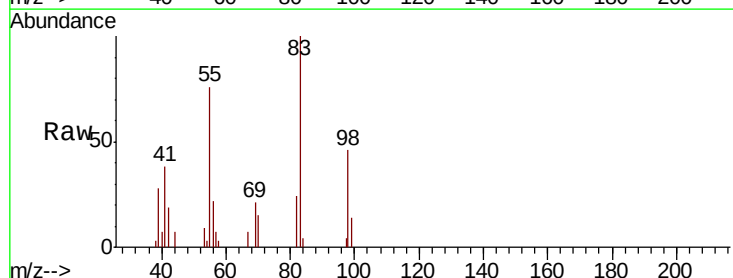
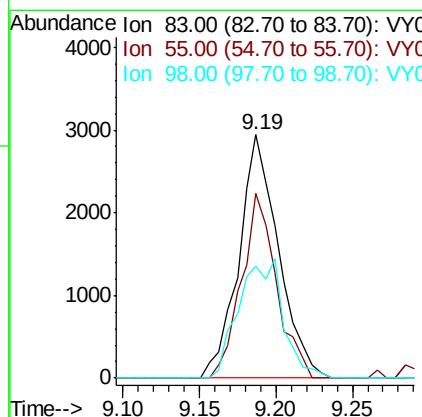
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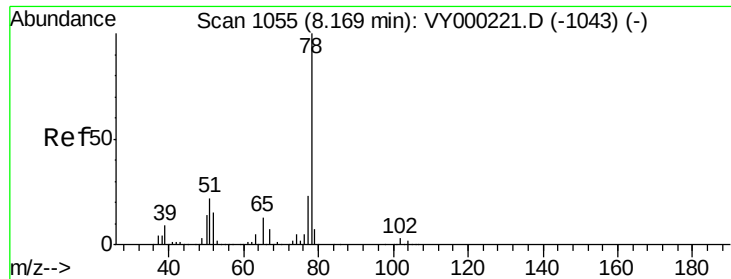
MMDadoda
10/10/2019 12:52:17 AM



#39
Methylcyclohexane
Concen: 1.118 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.6	53.3	79.9
98	46.2	43.8	65.8





#40

Benzene

Concen: 1.180 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 12550

Ion Ratio Lower Upper

78 100

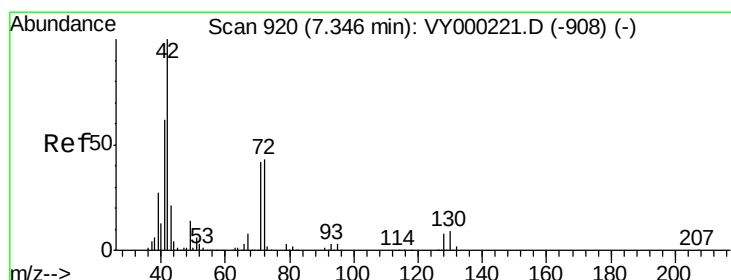
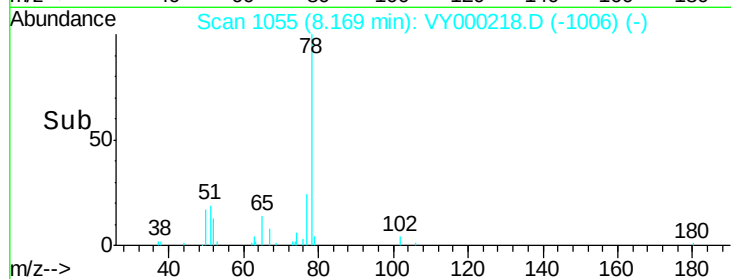
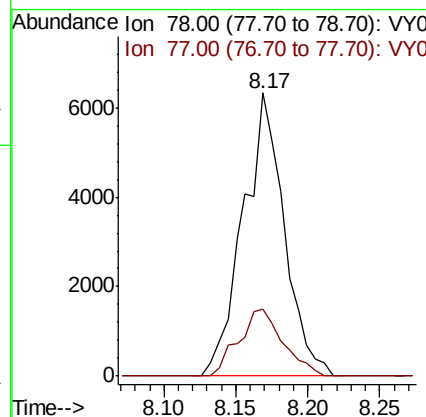
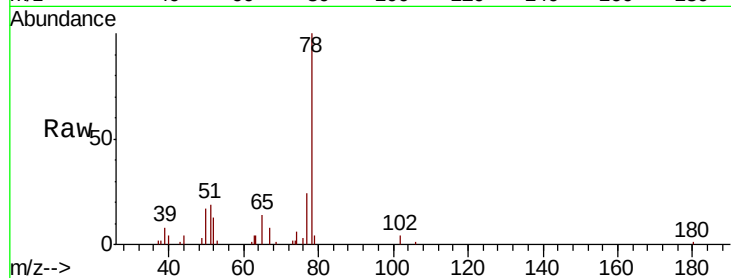
77 23.8 17.9 26.9

Manual Integrations

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MMDadoda

10/10/2019 12:52:17 AM



#41

Methacrylonitrile

Concen: 0.795 ug/l m

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Tgt Ion: 41 Resp: 5522

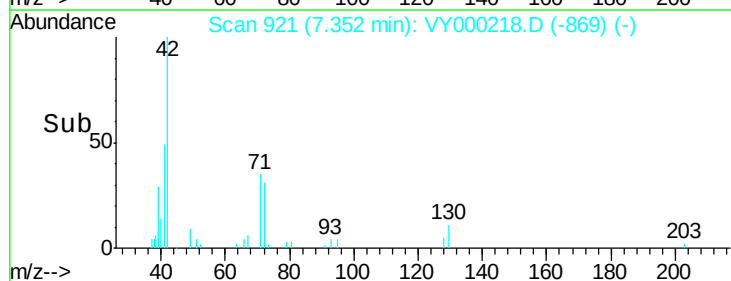
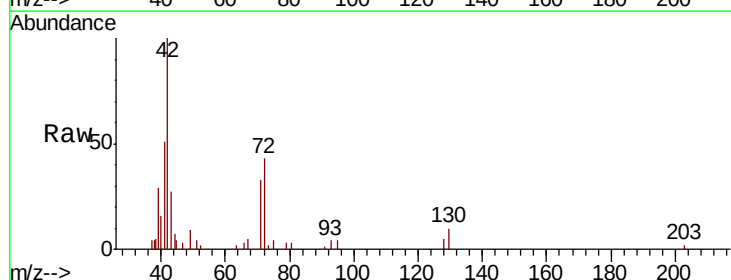
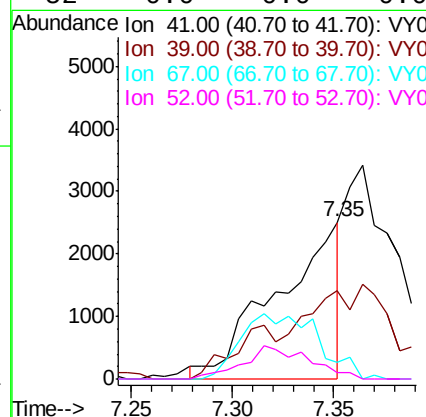
Ion Ratio Lower Upper

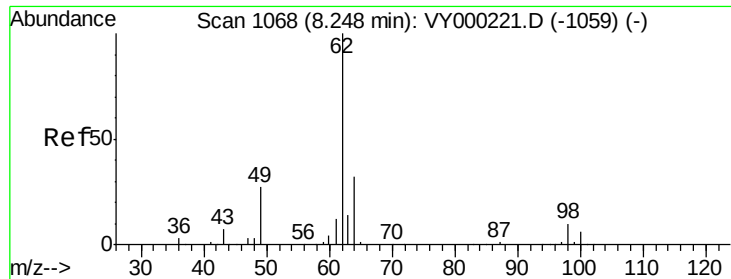
41 100

39 20.1 122.2 183.2#

67 0.0 0.0 0.0

52 0.0 0.0 0.0





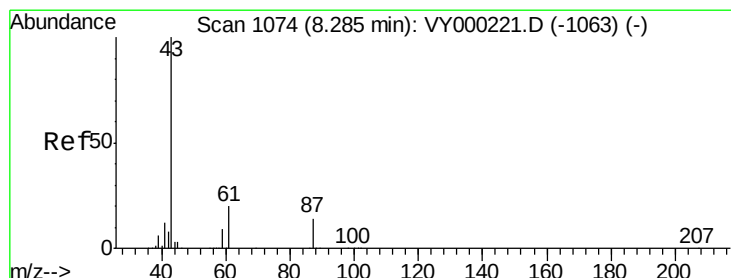
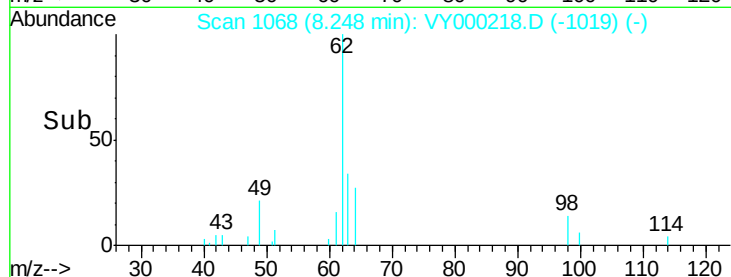
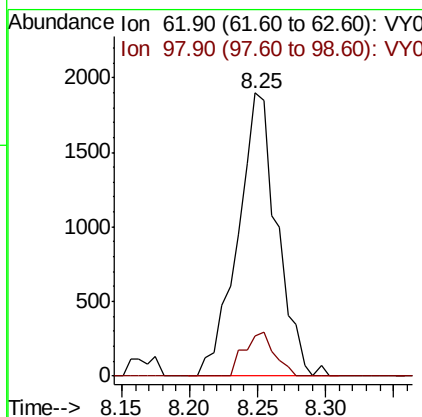
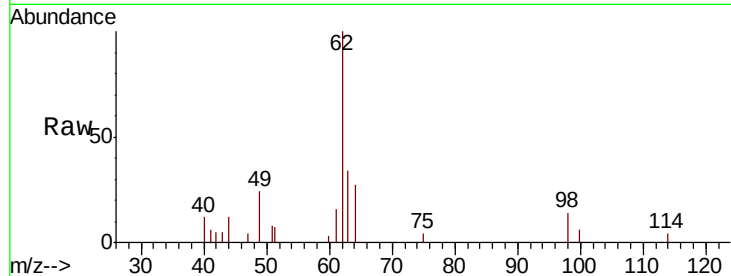
#42
 1,2-Dichloroethane
 Concen: 1.106 ug/l
 RT: 8.25 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VY000218.D
 Acq: 08 Oct 2019 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	23.0

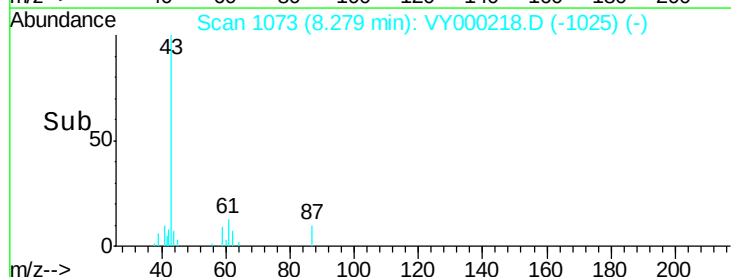
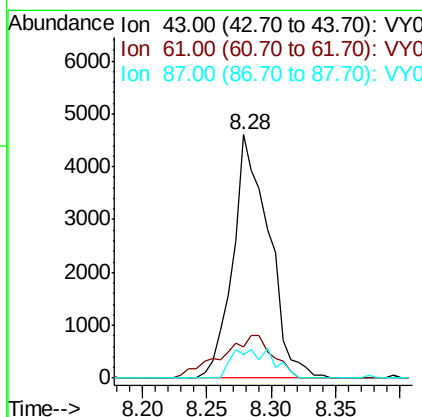
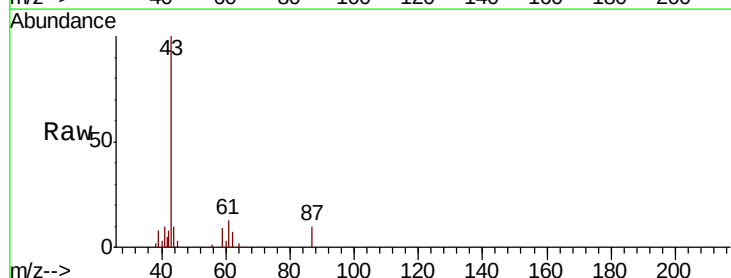
Manual Integrations
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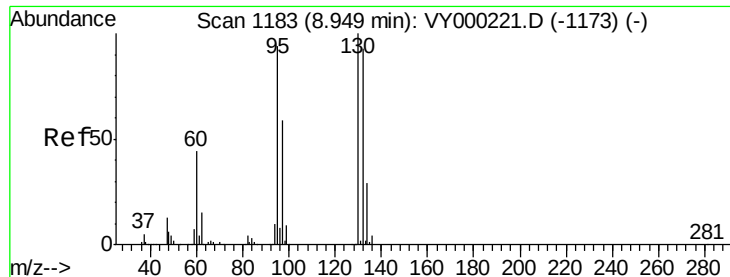
MMDadoda
 10/10/2019 12:52:17 AM



#43
 Isopropyl Acetate
 Concen: 1.239 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VY000218.D
 Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
43	100		
61	24.9	21.2	31.8
87	13.7	12.4	18.6





#44

Trichloroethene

Concen: 1.048 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 3578

Ion Ratio Lower Upper

130 100

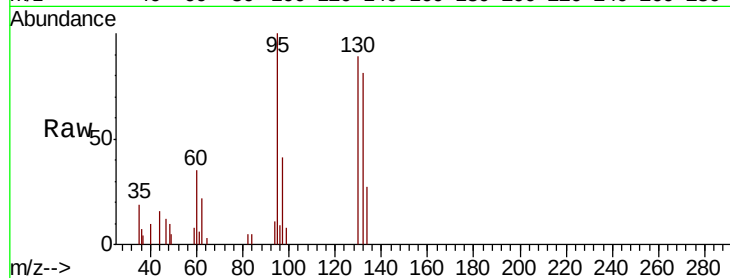
95 112.4 0.0 183.0

Manual Integrations

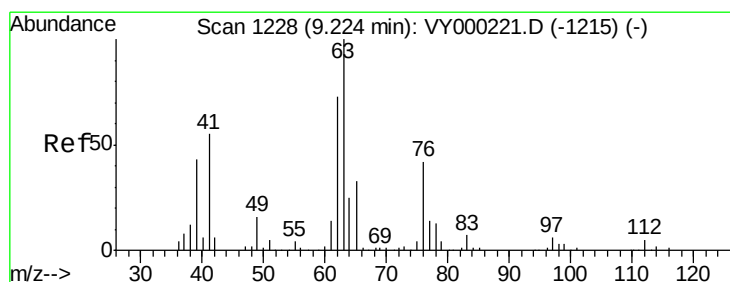
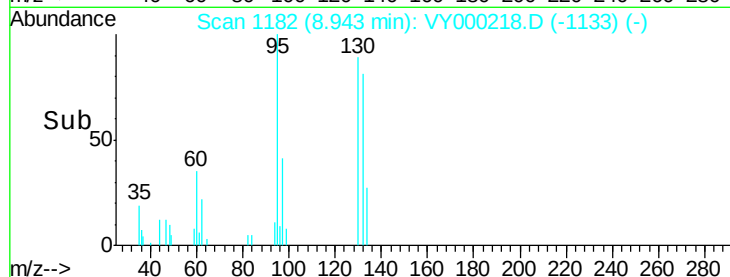
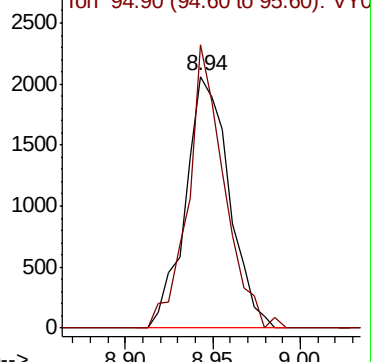
APPROVED

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10/10/2019 12:52:17 AM



Abundance Ion 129.80 (129.50 to 130.50): VY000221.D (-1173) (-)



#45

1,2-Dichloropropane

Concen: 1.137 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VY000218.D

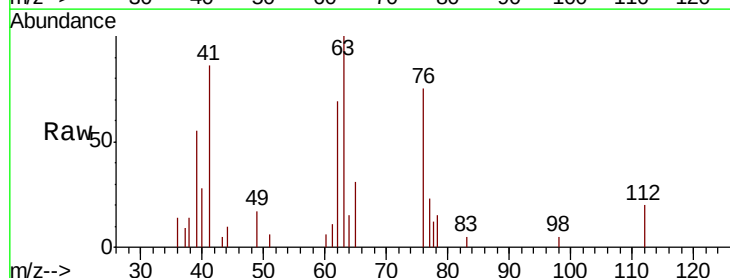
Acq: 08 Oct 2019 12:37

Tgt Ion: 63 Resp: 2948

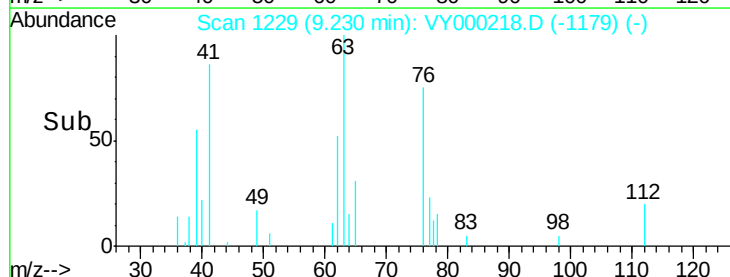
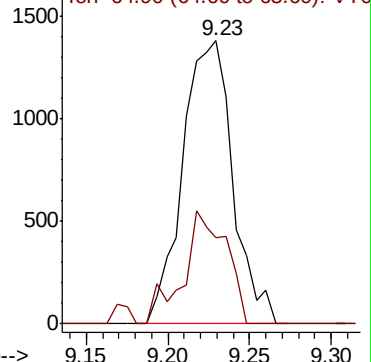
Ion Ratio Lower Upper

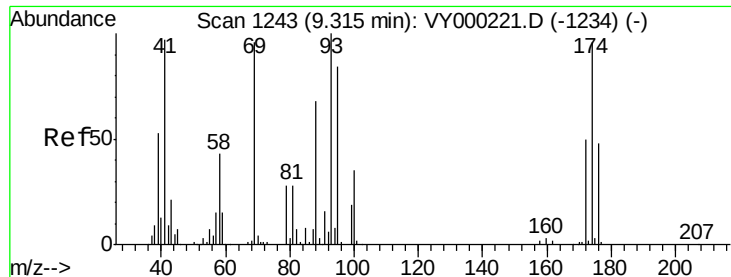
63 100

65 30.7 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VY000221.D (-1215) (-)





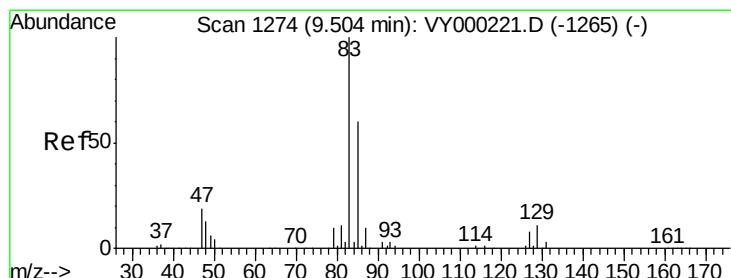
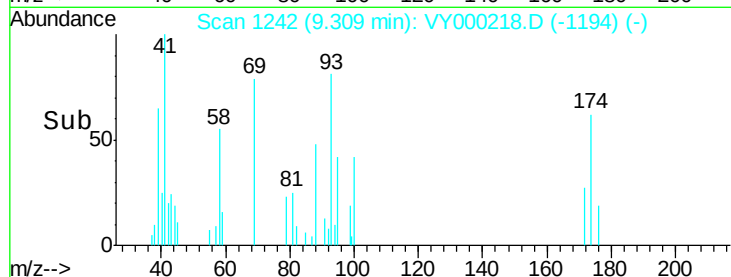
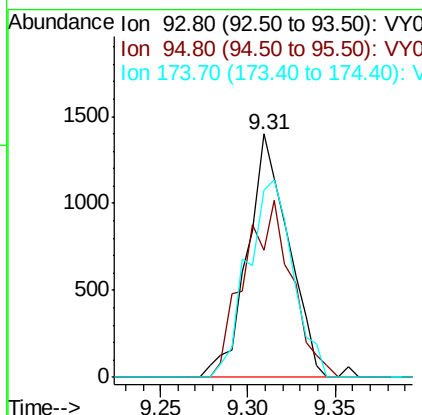
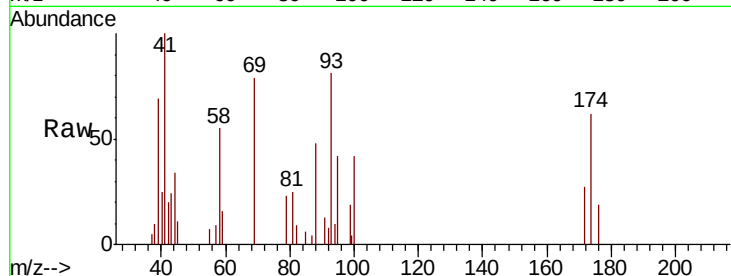
#46
Dibromomethane
Concen: 1.182 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	84.8	65.8	98.6
174	90.3	93.4	140.0#

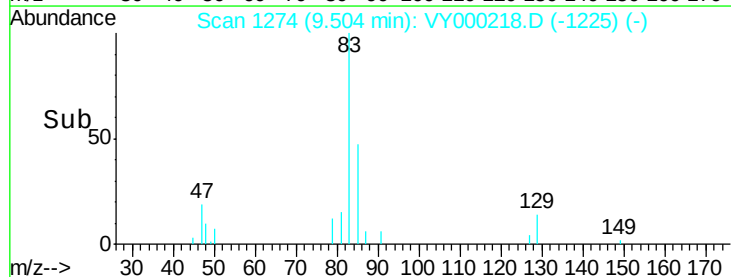
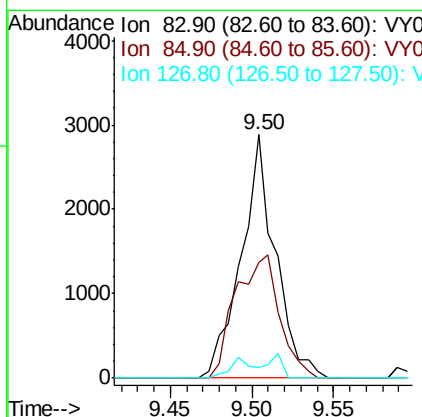
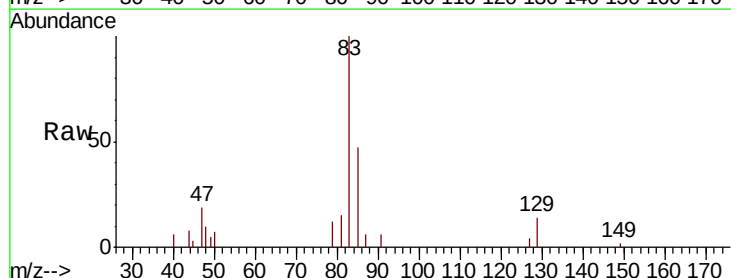
Manual Integrations
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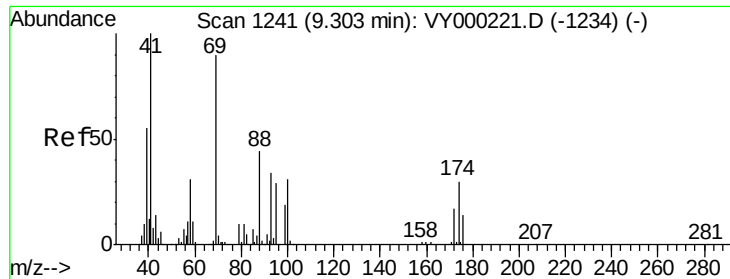
MMDadoda
10/10/2019 12:52:17 AM



#47
Bromodichloromethane
Concen: 1.152 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	47.4	51.0	76.4#
127	4.4	6.6	9.8#





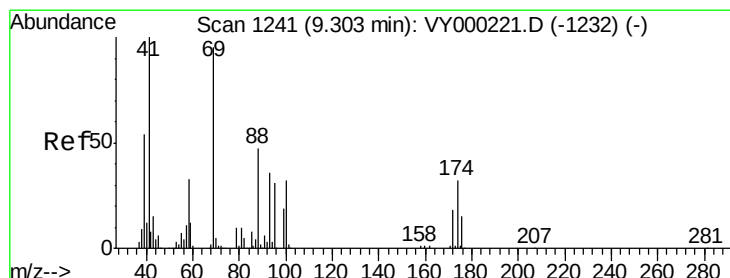
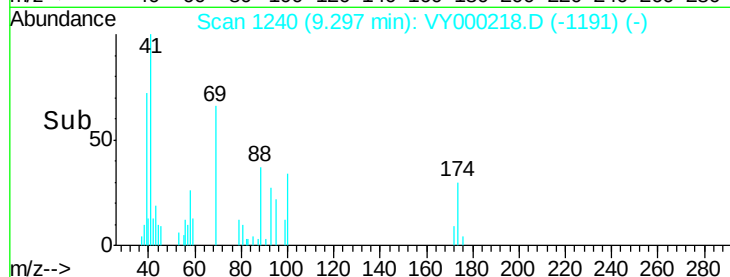
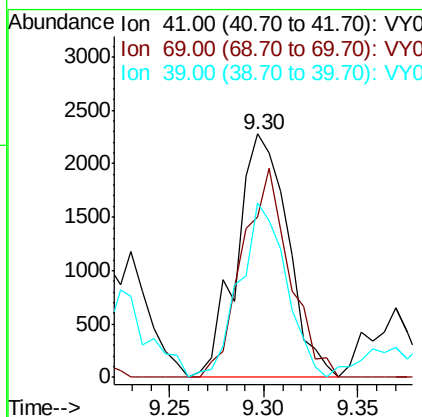
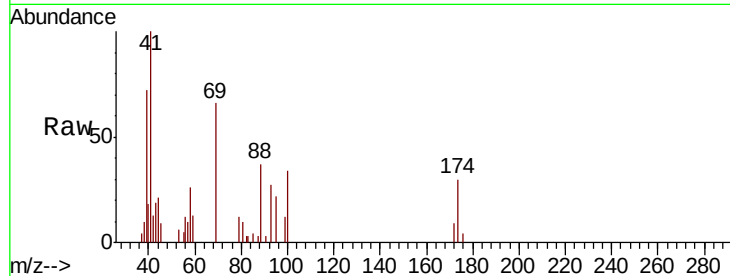
#48
Methvl methacrylate
Concen: 1.389 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	79.0	77.6	116.4
39	64.8	48.7	73.1

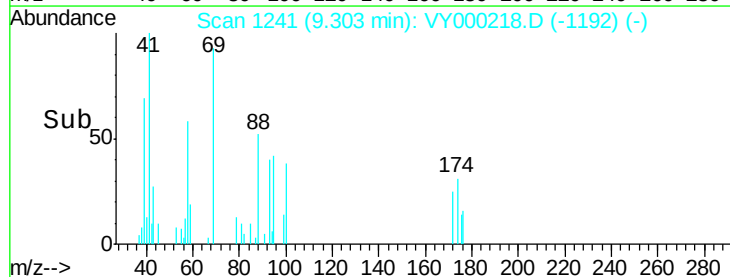
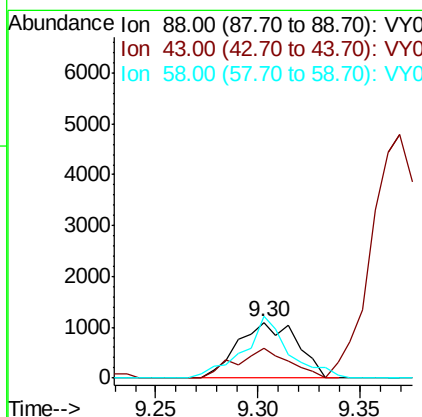
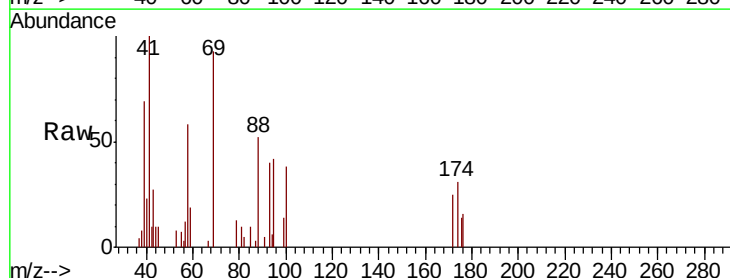
Manual Integrations
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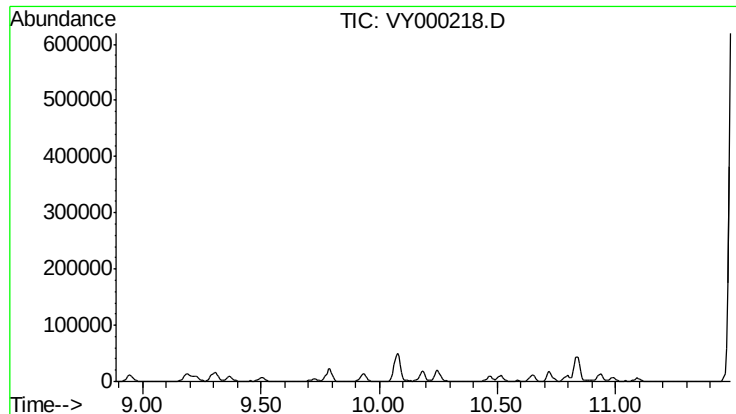
MMDadoda
10/10/2019 12:52:17 AM



#49
1,4-Dioxane
Concen: 22.674 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
88	100		
43	47.7	20.2	30.2#
58	84.6	46.8	70.2#





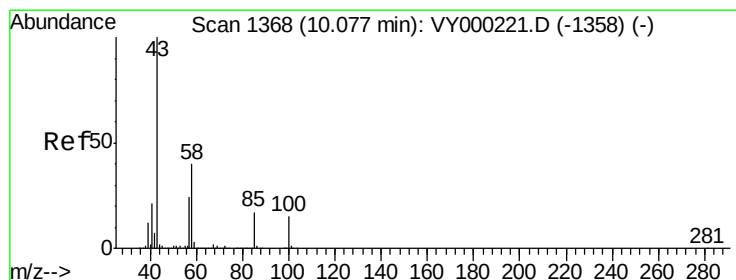
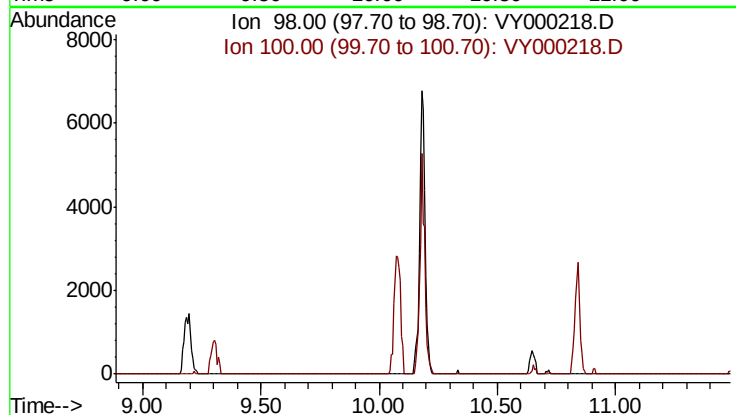
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.19 min

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 67.0

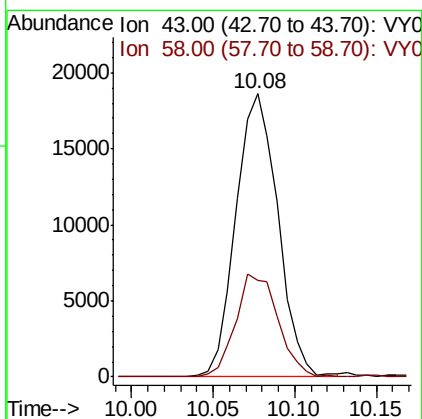
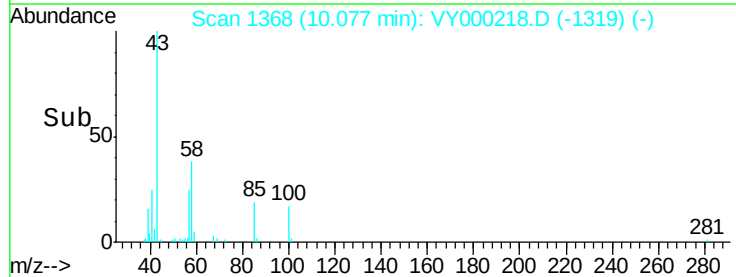
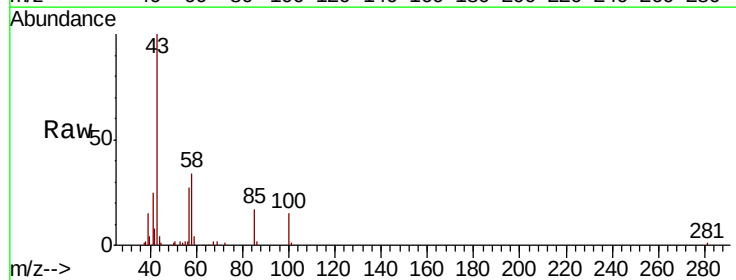
Manual Integrations
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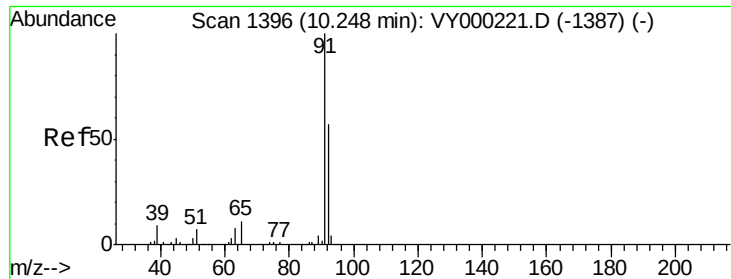
MMDadoda
10/10/2019 12:52:17 AM



#51
4-Methyl-2-Pentanone
Concen: 6.259 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Tgt Ion: 43 Resp: 33390
Ion Ratio Lower Upper
43 100
58 36.6 33.0 49.6





#52

Toluene

Concen: 1.211 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 8433

Ion Ratio Lower Upper

92 100

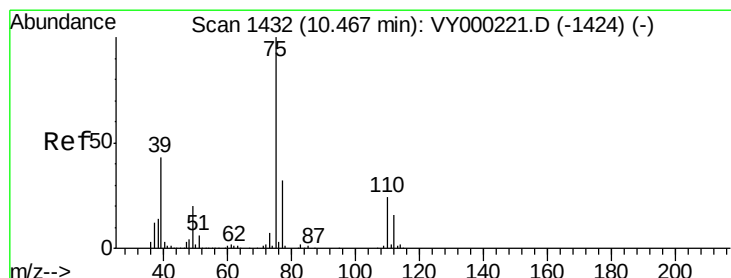
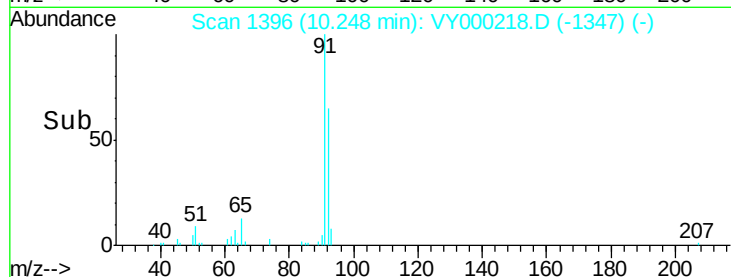
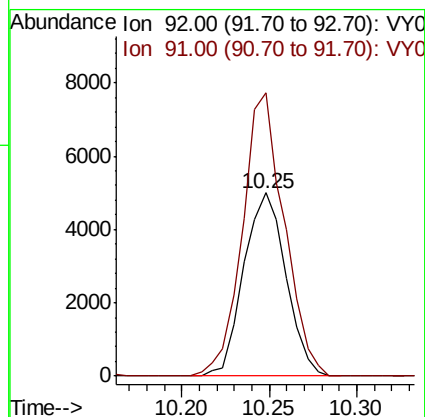
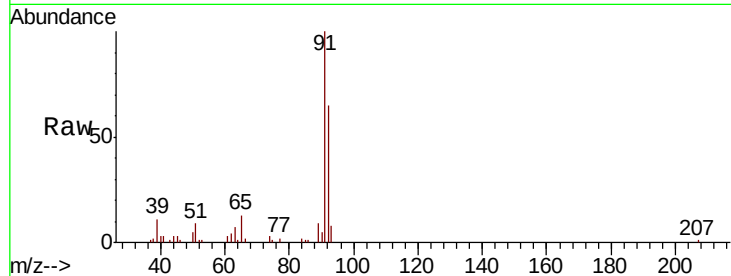
91 152.5 138.9 208.3

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#53

t-1,3-Dichloropropene

Concen: 1.033 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VY000218.D

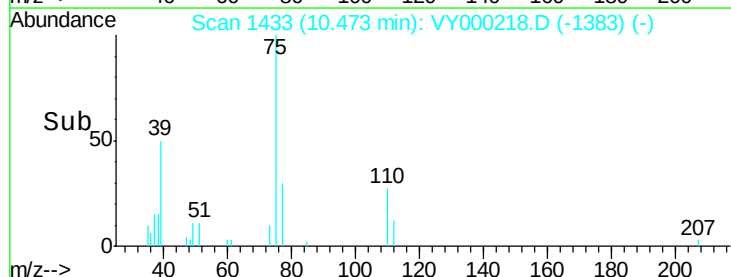
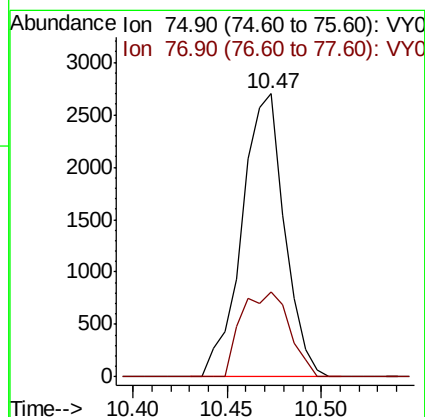
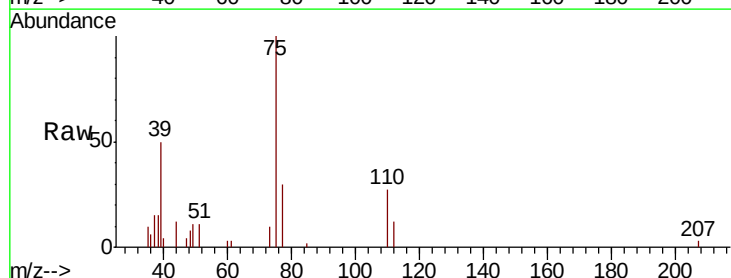
Acq: 08 Oct 2019 12:37

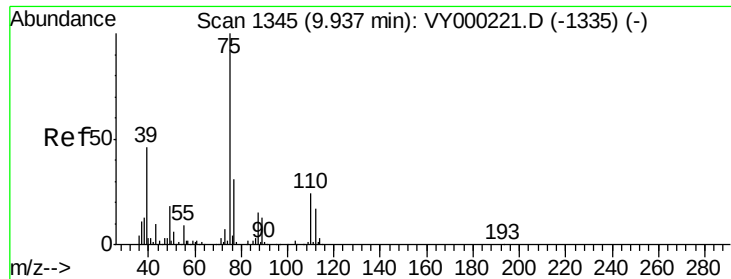
Tgt Ion: 75 Resp: 4244

Ion Ratio Lower Upper

75 100

77 29.8 25.8 38.6





#54

cis-1,3-Dichloropropene

Concen: 1.221 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

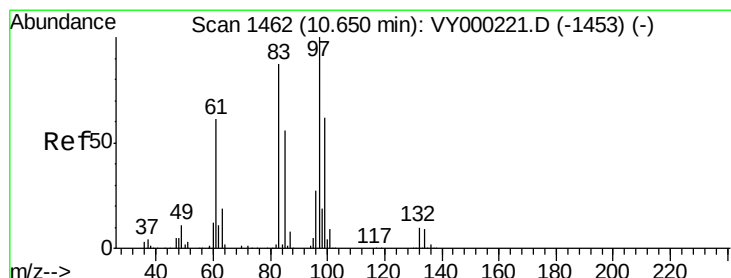
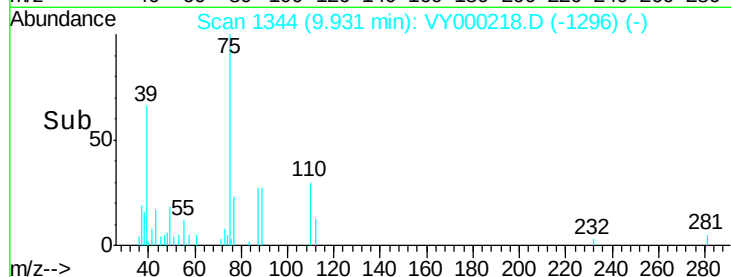
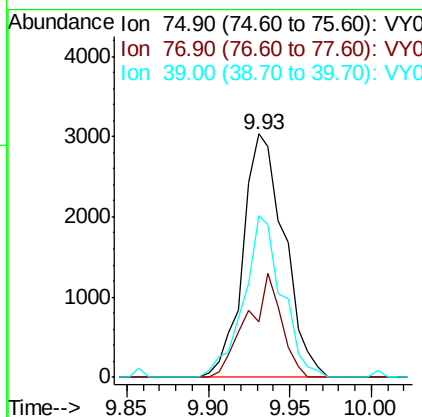
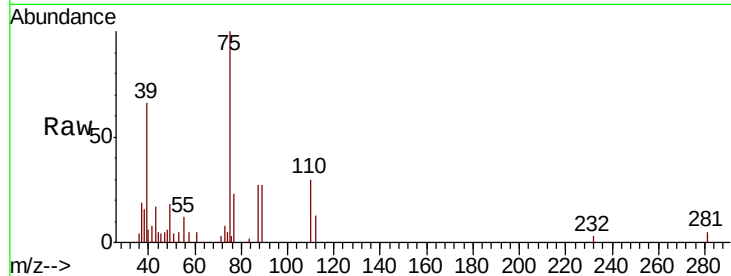
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	5369
Ion	Ratio	Lower	Upper
75	100		
77	22.8	24.8	37.2#
39	66.4	33.2	49.8#

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 1.064 ug/l

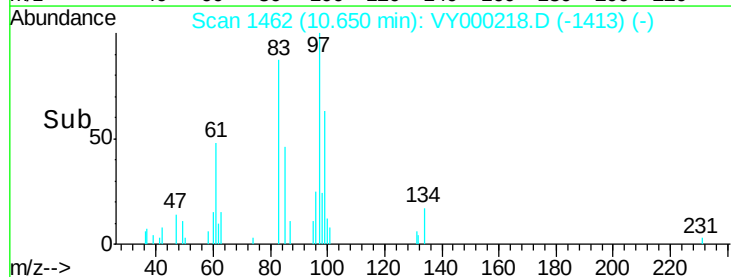
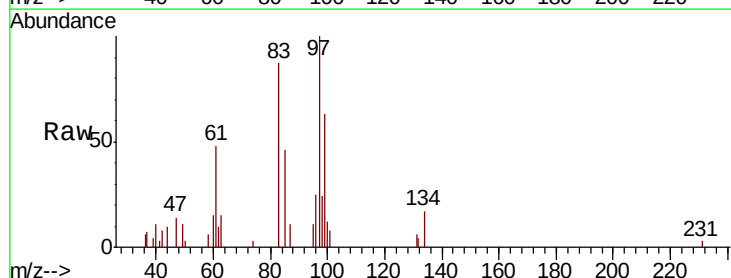
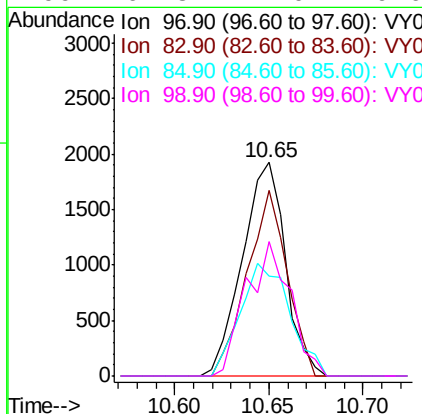
RT: 10.65 min Scan# 1462

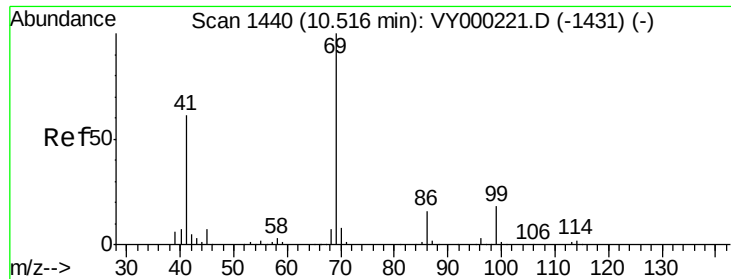
Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Tgt Ion:	97	Resp:	3041
Ion	Ratio	Lower	Upper
97	100		
83	87.2	66.2	99.2
85	46.5	41.0	61.6
99	62.8	47.0	70.6





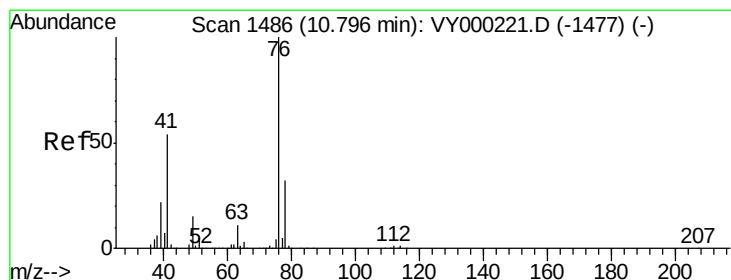
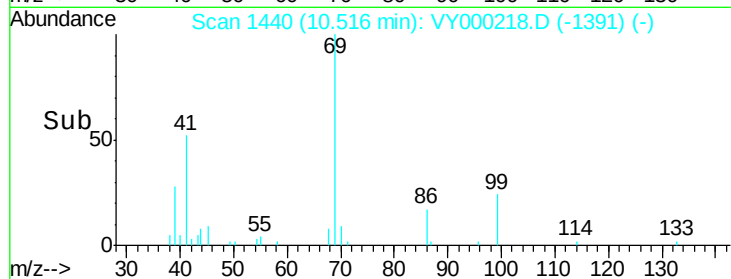
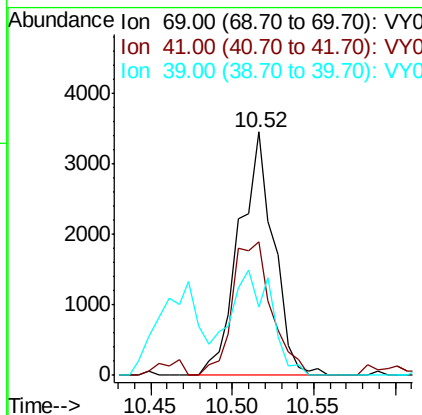
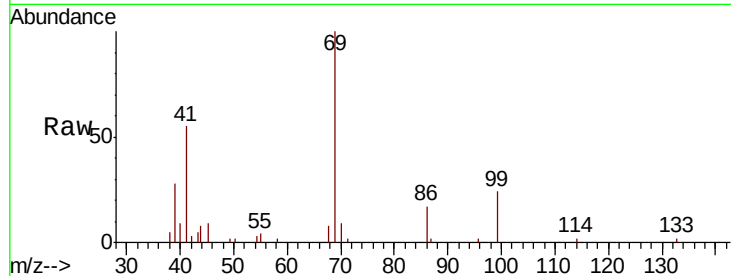
#56
Ethyl methacrylate
Concen: 1.176 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
69	100		
41	62.2	46.9	70.3
39	52.1	27.4	41.0

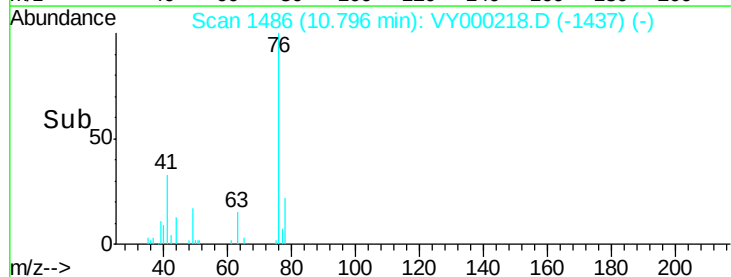
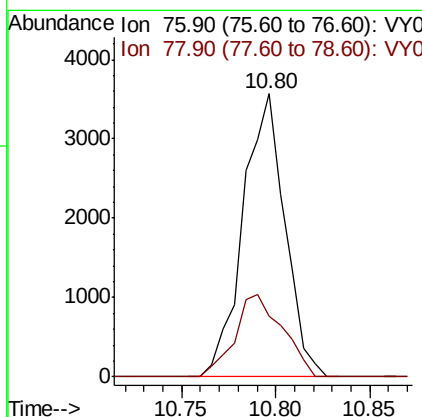
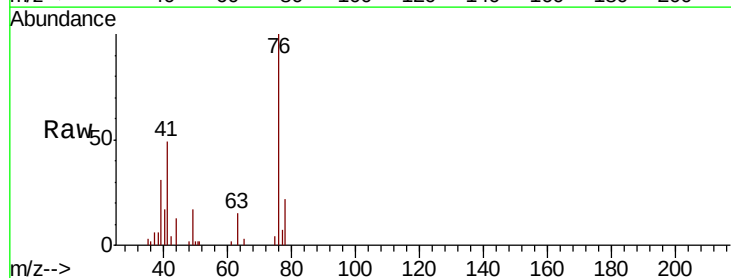
Manual Integrations
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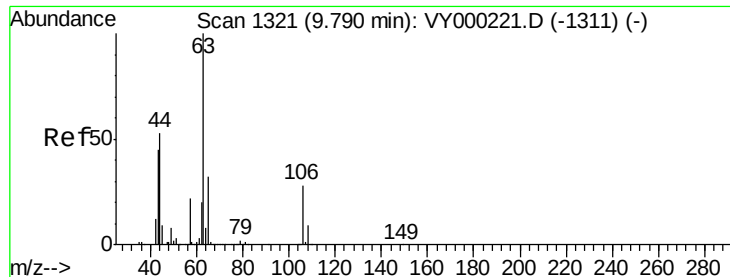
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#57
1,3-Dichloropropane
Concen: 1.210 ug/l
RT: 10.80 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.8	38.8





#58

2-Chloroethyl Vinyl ether

Concen: 3.559 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 8800

Ion Ratio Lower Upper

63 100

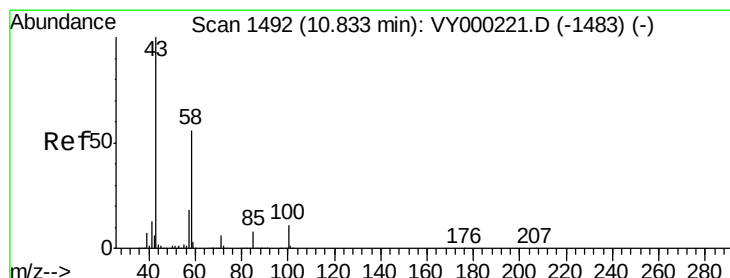
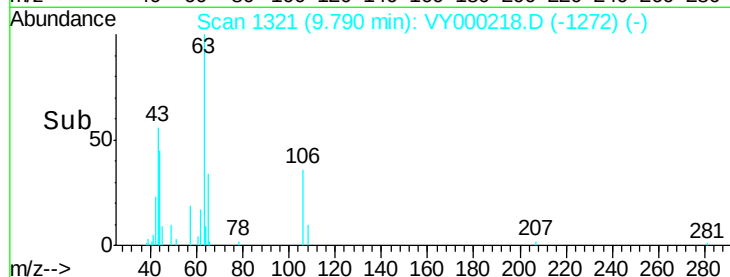
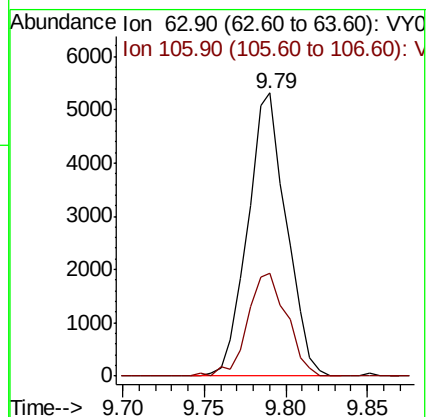
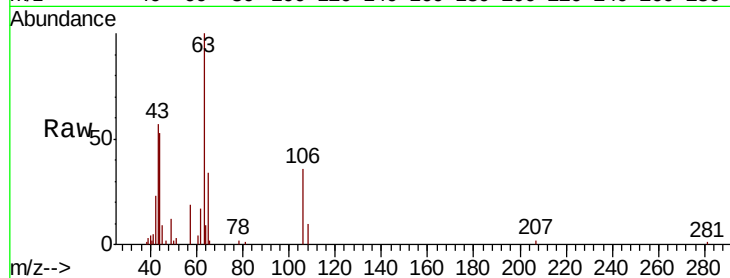
106 37.0 26.8 40.2

Manual Integrations

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#59

2-Hexanone

Concen: 6.015 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VY000218.D

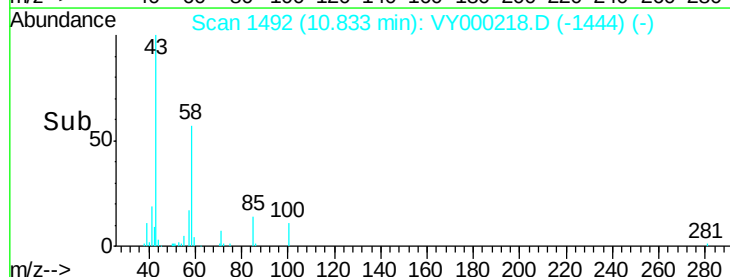
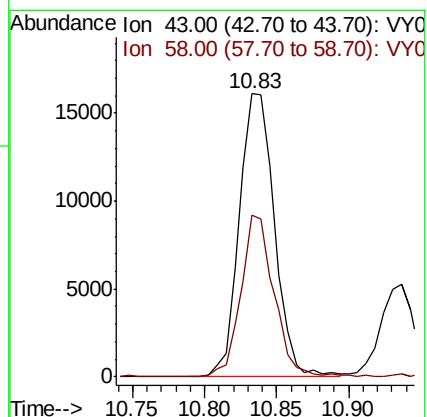
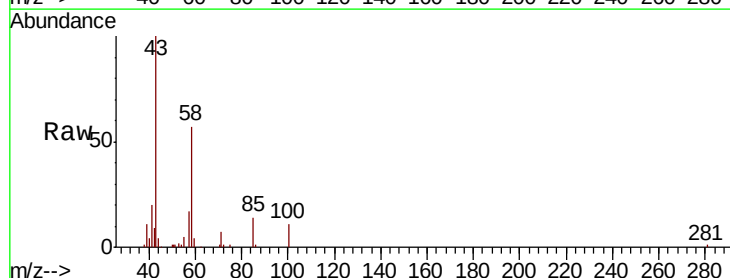
Acq: 08 Oct 2019 12:37

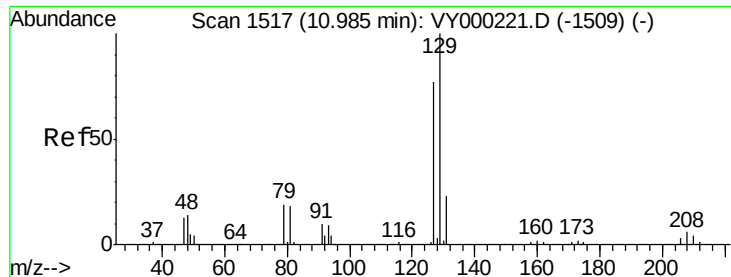
Tgt Ion: 43 Resp: 27282

Ion Ratio Lower Upper

43 100

58 53.9 28.7 86.1





#60

Dibromochloromethane

Concen: 1.038 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3311

Ion Ratio Lower Upper

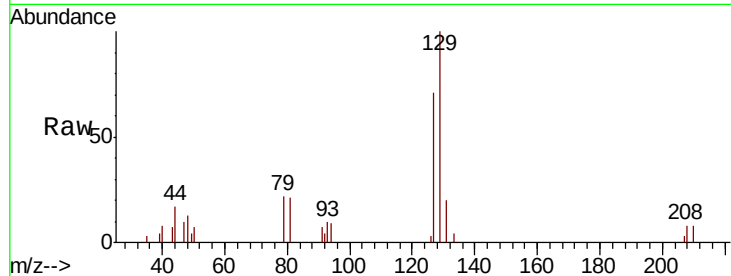
129 100

127 73.2 39.2 117.6

Manual Integrations
APPROVED

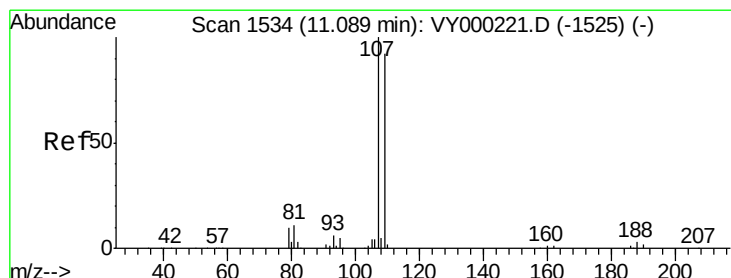
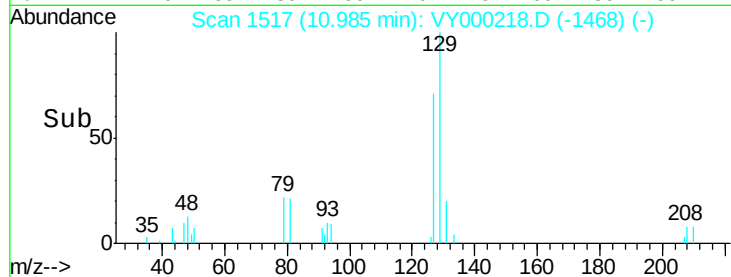
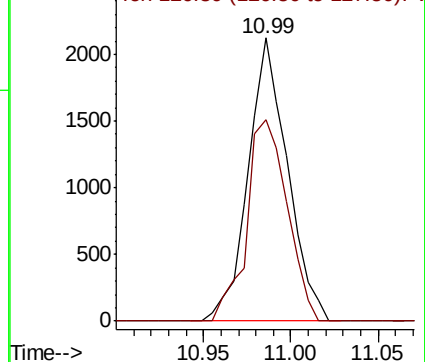
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.050 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000218.D

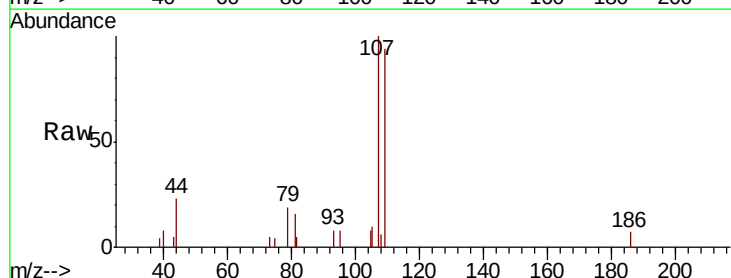
Acq: 08 Oct 2019 12:37

Tgt Ion:107 Resp: 3252

Ion Ratio Lower Upper

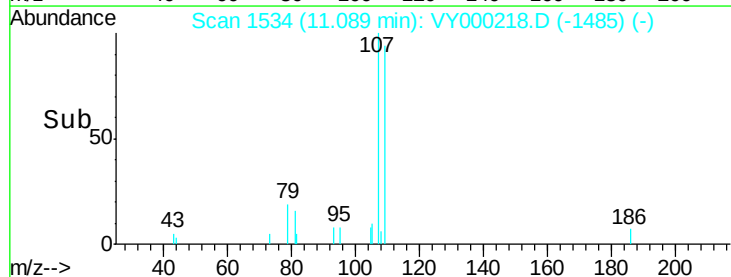
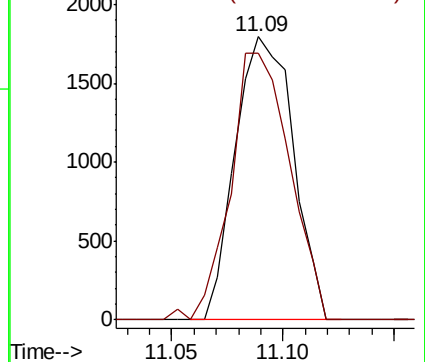
107 100

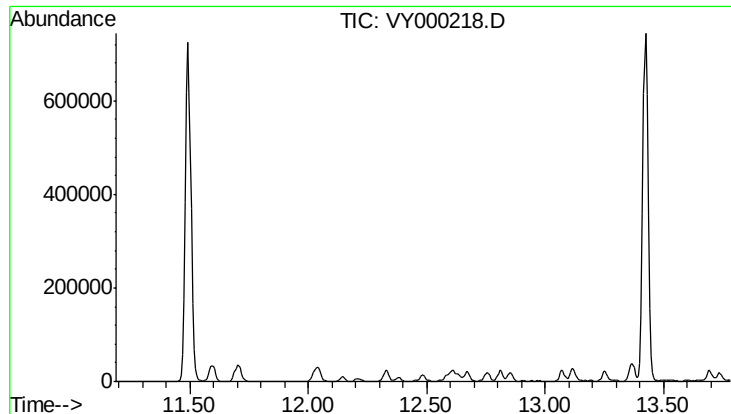
109 96.6 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.49 min

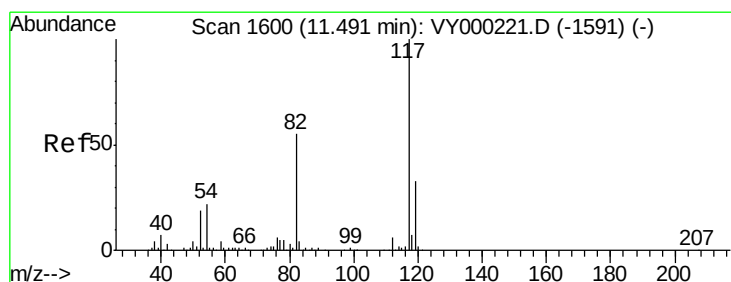
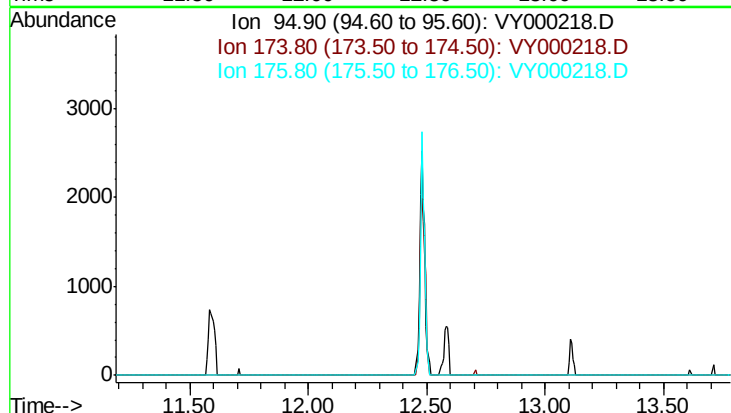
Lab File: VY000218.D
 Acq: 08 Oct 2019 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	94.2
176	91.4

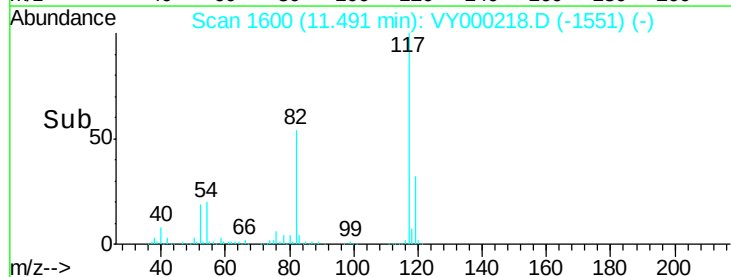
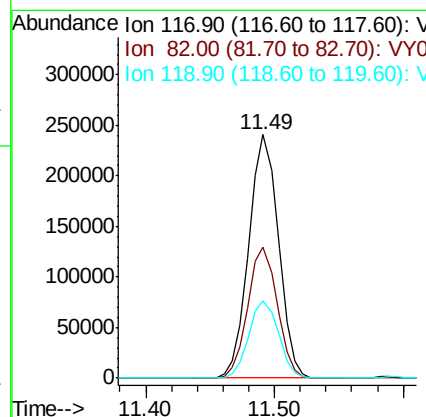
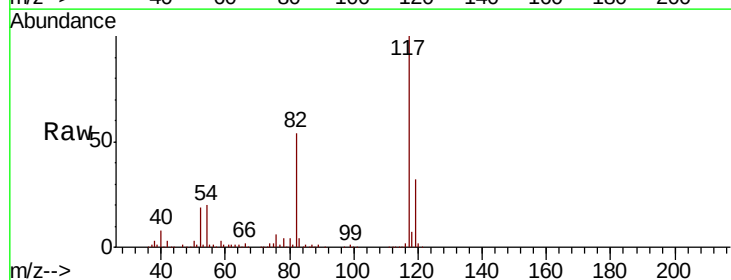
Manual Integrations
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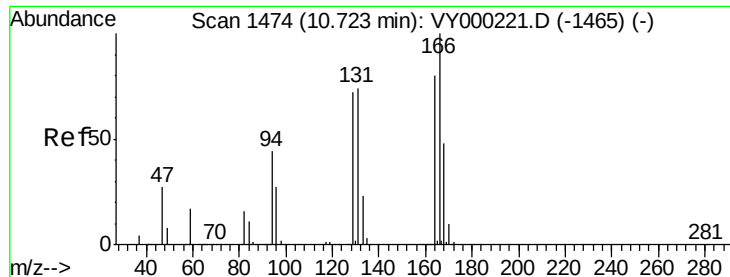
MMDadoda
 10/10/2019 12:52:17 AM



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VY000218.D
 Acq: 08 Oct 2019 12:37

Tgt Ion	117	Resp	381976
Ion Ratio	Lower	Upper	
117	100		
82	54.0	39.4	59.2
119	31.5	25.8	38.6





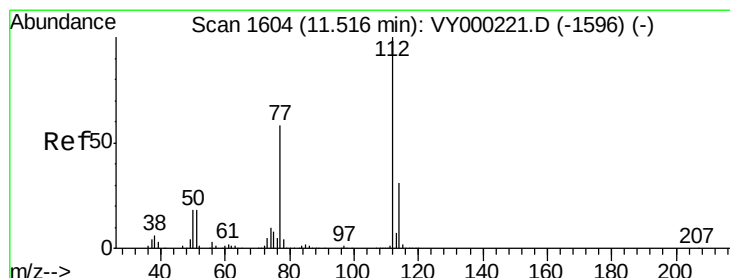
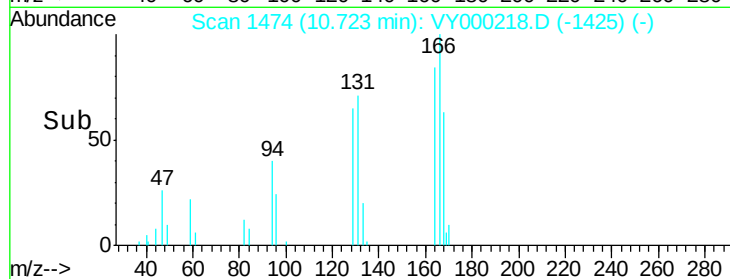
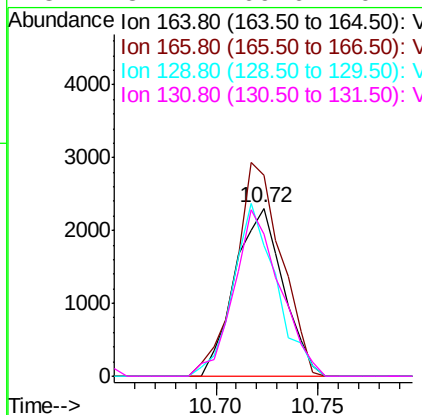
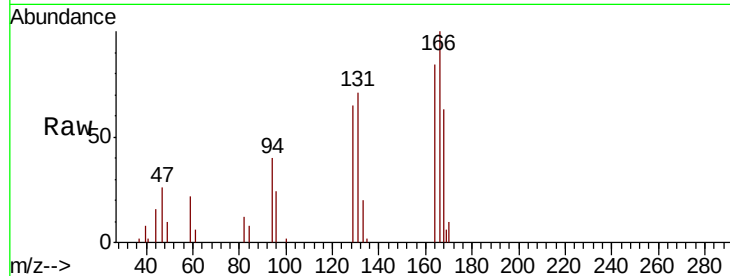
#64
Tetrachloroethene
Concen: 1.120 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	119.2	98.4	147.6
129	77.3	68.6	103.0
131	84.1	69.6	104.4

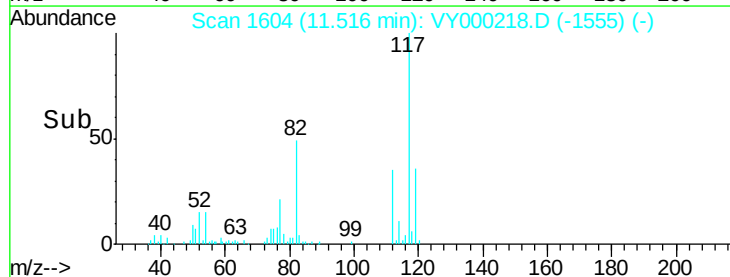
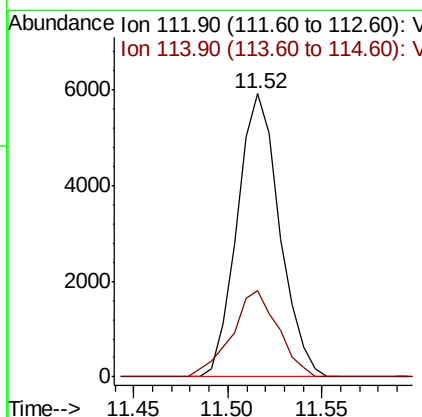
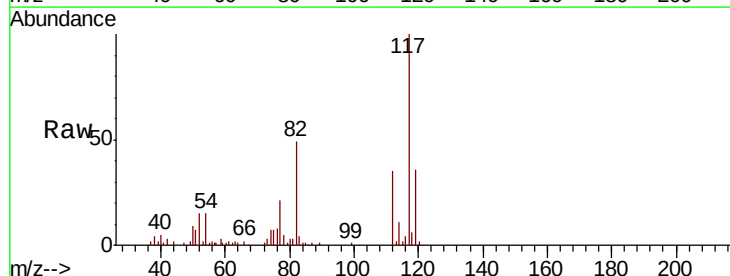
Manual Integrations
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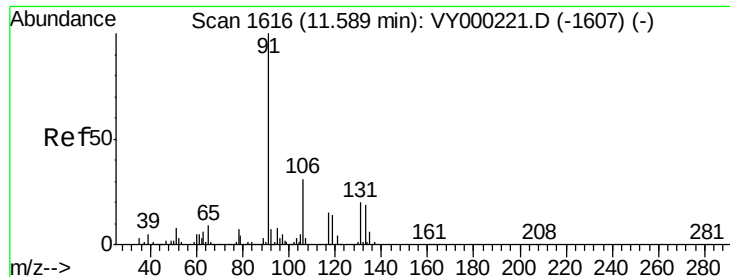
MMDadoda
10/10/2019 12:52:17 AM



#65
Chlorobenzene
Concen: 1.244 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.4	24.4	36.6





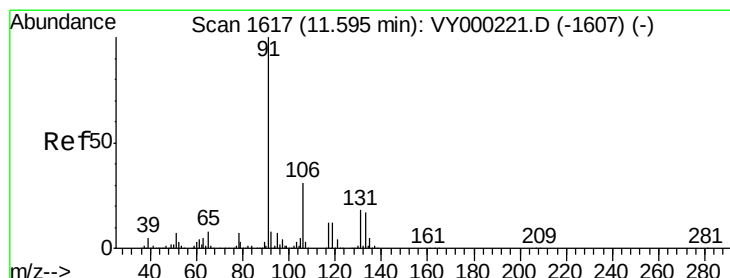
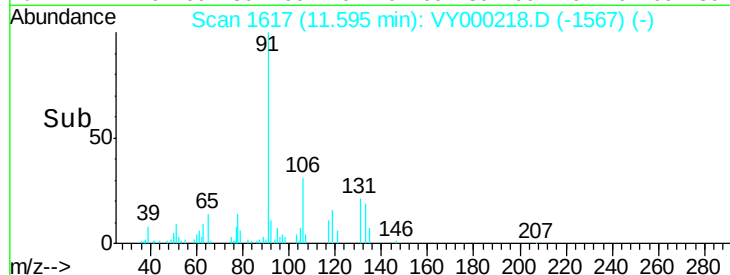
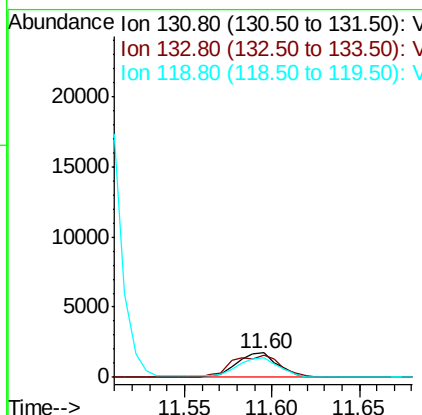
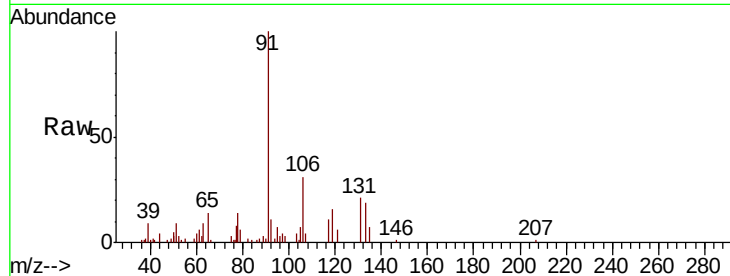
#66
1,1,1,2-Tetrachloroethane
Concen: 1.029 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	104.9	47.1	141.4
119	0.0	31.4	94.3

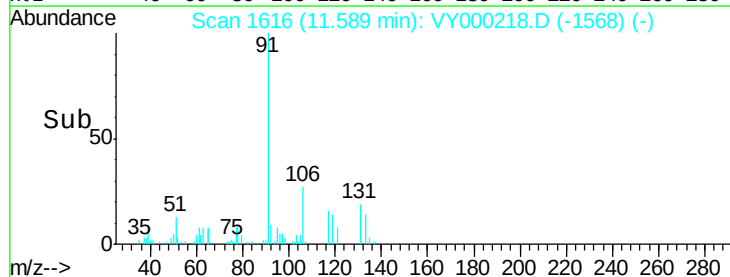
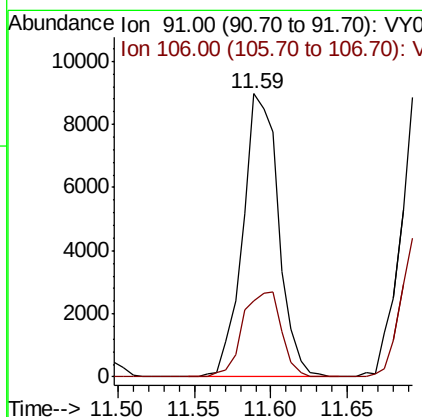
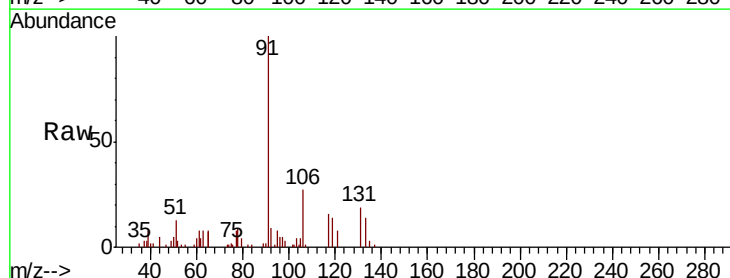
Manual Integrations
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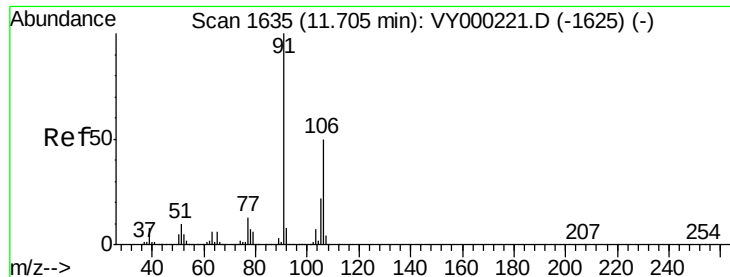
MMDadoda
10/10/2019 12:52:17 AM



#67
Ethyl Benzene
Concen: 1.130 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
91	100		
106	26.6	26.9	40.3





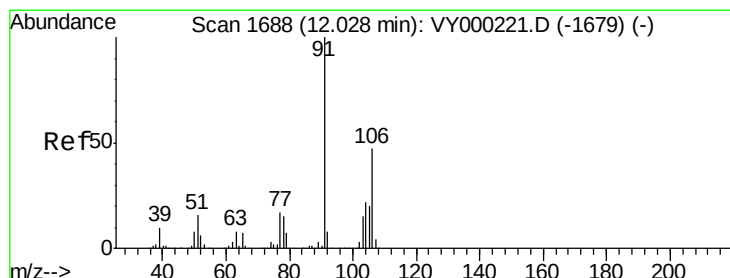
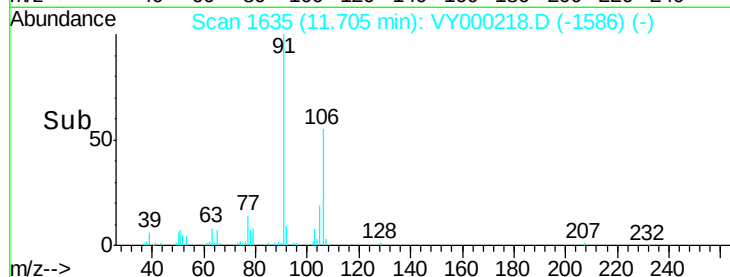
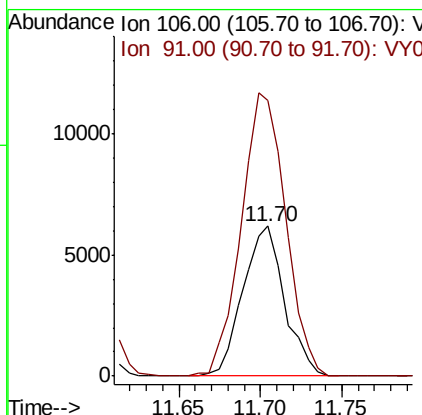
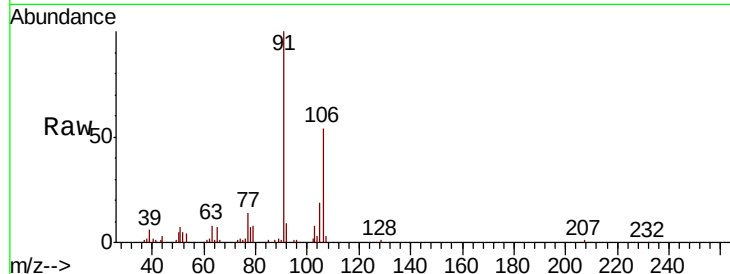
#68
m/p-Xylenes
Concen: 2.159 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	202.4	153.0	229.6

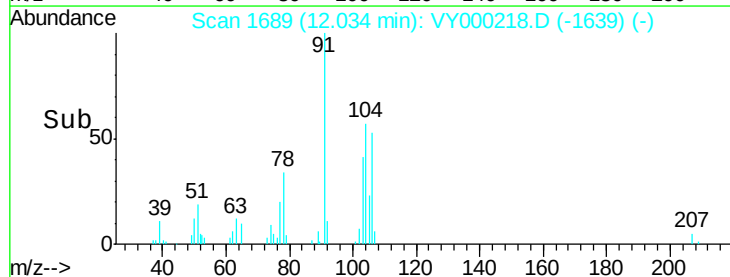
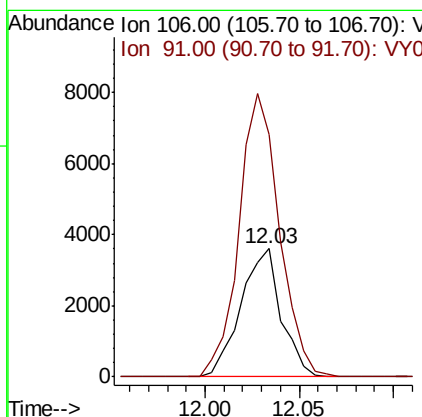
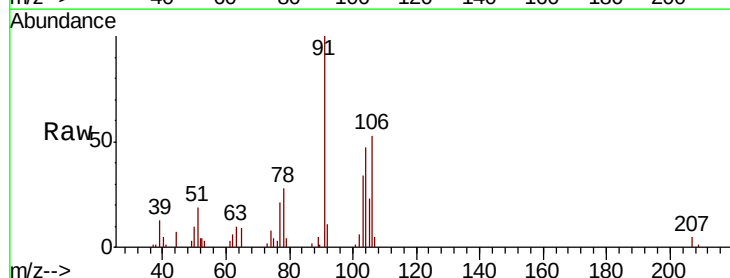
Manual Integrations
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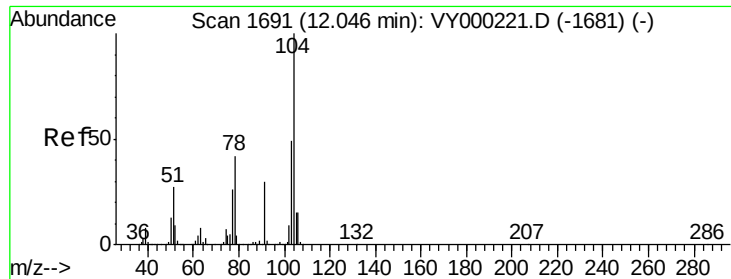
MMDadoda
10/10/2019 12:52:17 AM



#69
o-Xylene
Concen: 1.074 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Tgt Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	220.8	100.8	302.6





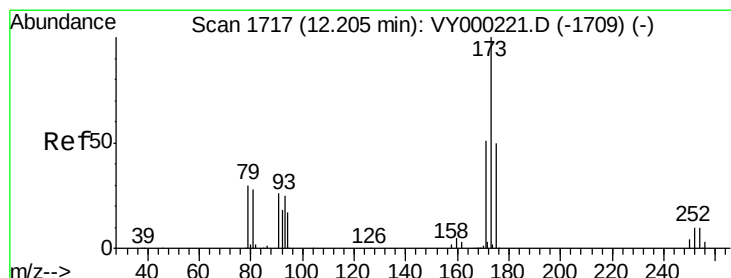
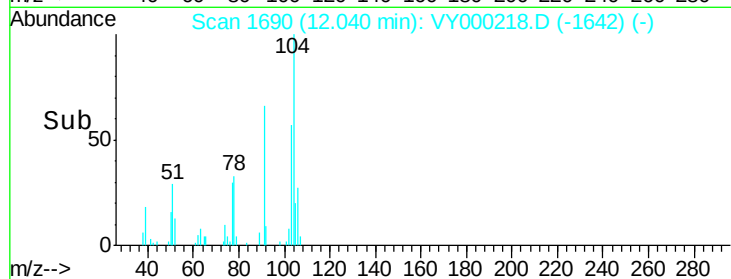
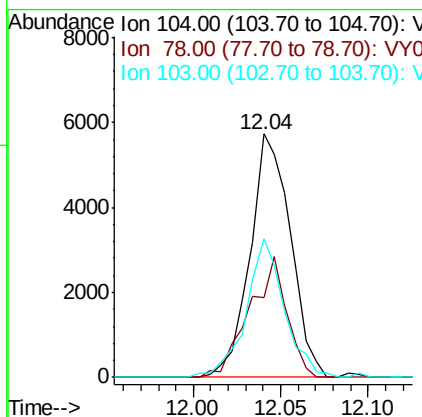
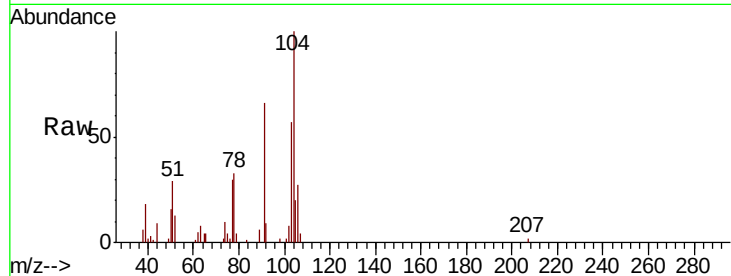
#70
Stvrene
Concen: 1.112 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.2	35.6	53.4
103	53.8	42.2	63.4

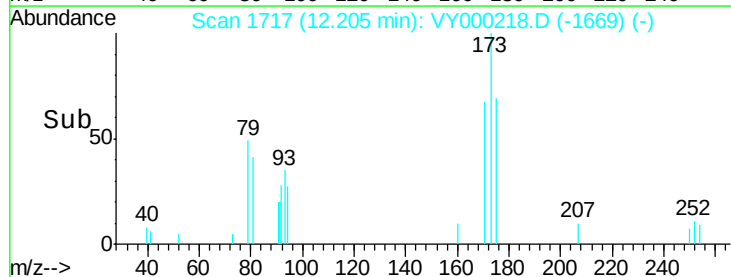
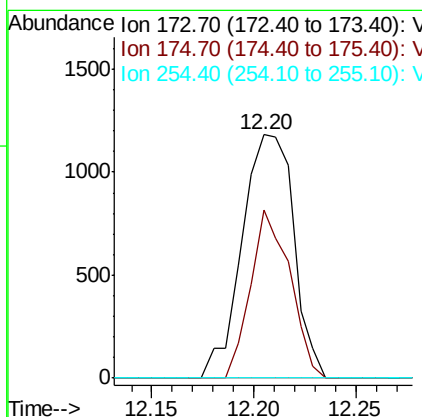
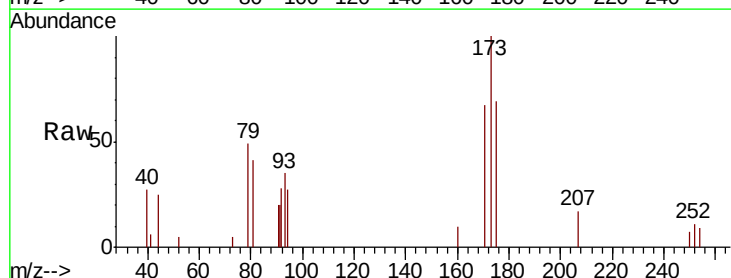
Manual Integrations
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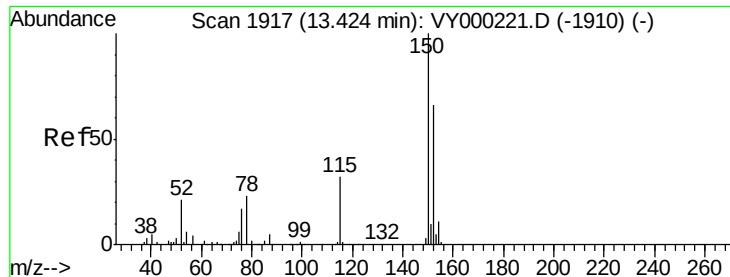
MMDadoda
10/10/2019 12:52:17 AM



#71
Bromoform
Concen: 0.847 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
173	100		
175	52.8	23.9	71.8
254	0.0	0.0	0.0





#72

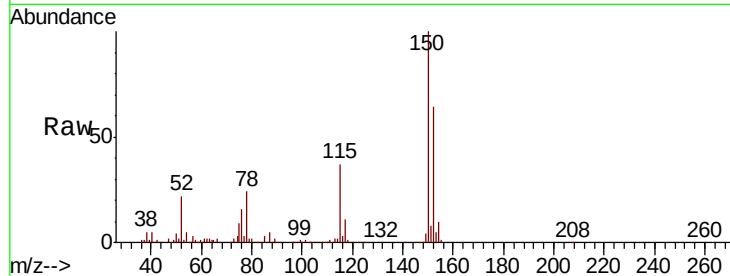
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.3	26.0	78.0
150	155.8	0.0	332.8

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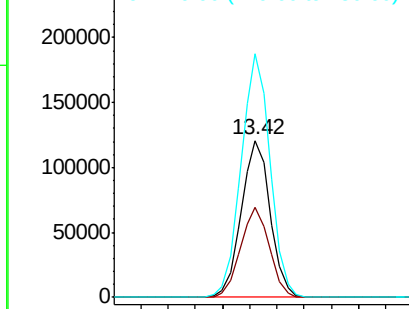


Abundance

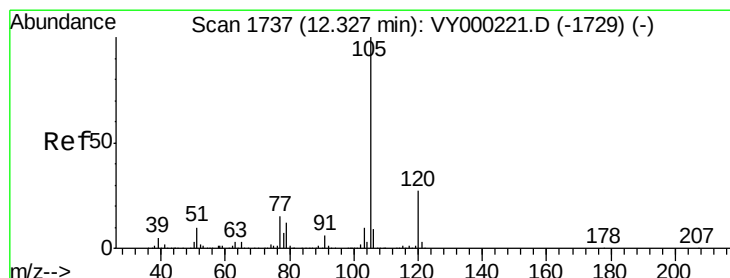
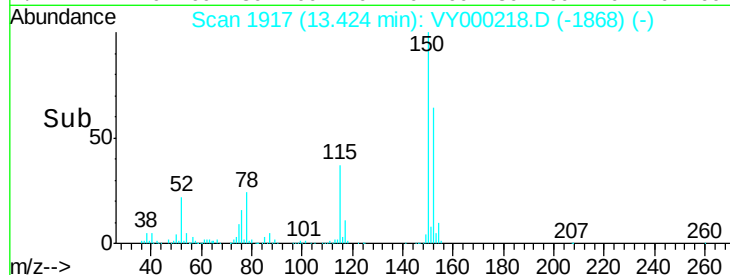
Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



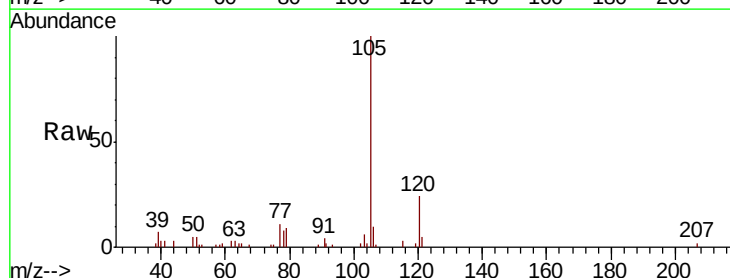
Time-->



#73

Isopropylbenzene
Concen: 1.182 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

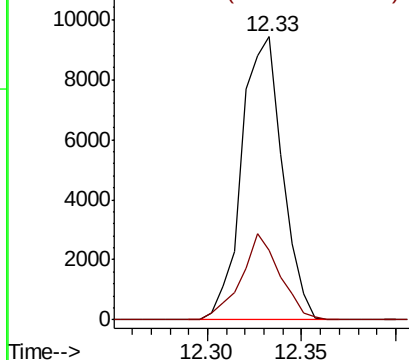
Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.1	14.4	43.0



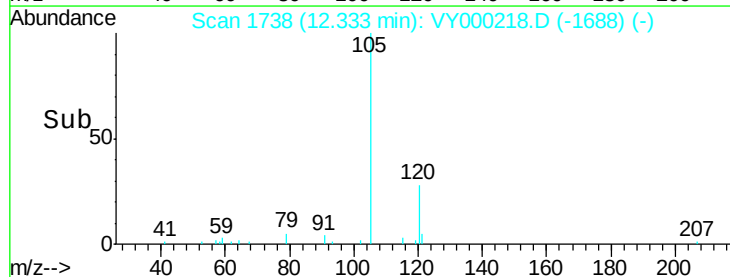
Abundance

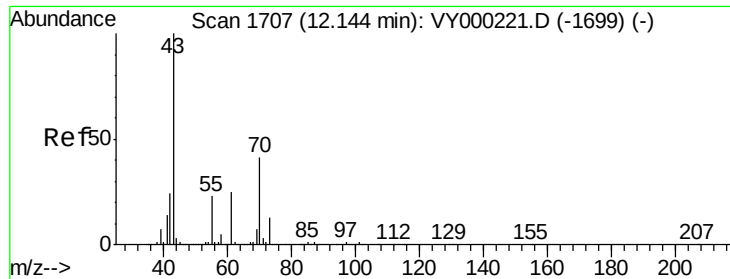
Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





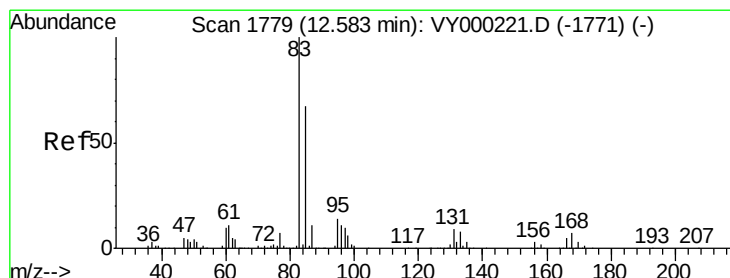
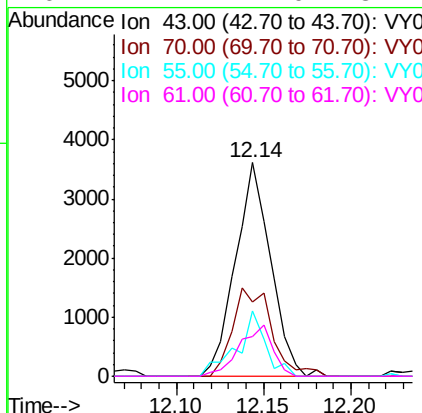
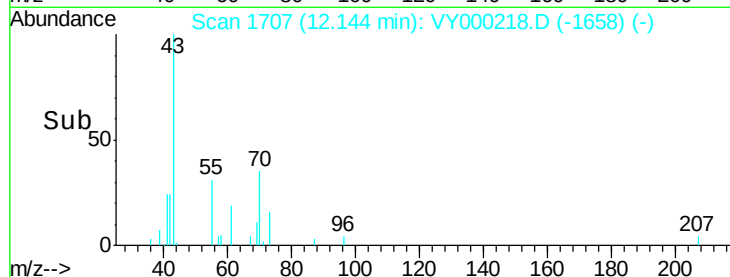
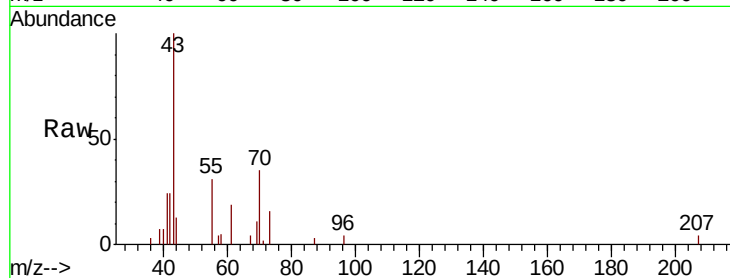
#74
N-amvl acetate
Concen: 1.094 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion:	43	Resp:	5049
Ion	Ratio	Lower	Upper
43	100		
70	46.1	37.4	56.2
55	24.6	18.6	27.8
61	22.7	21.0	31.4

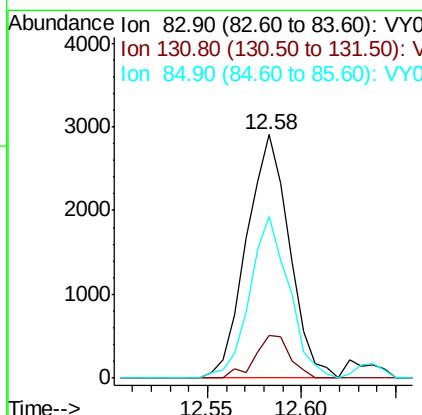
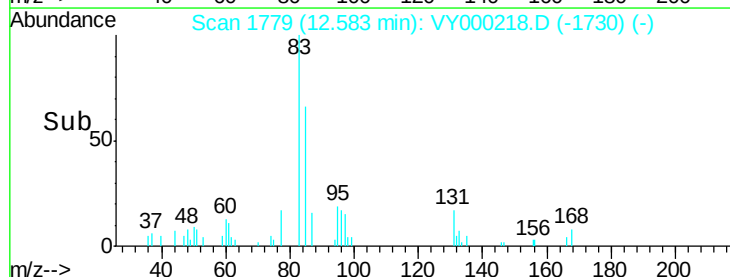
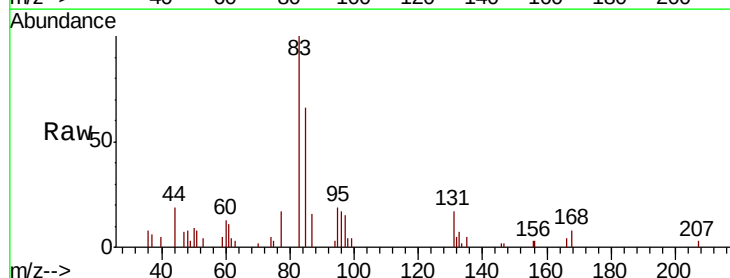
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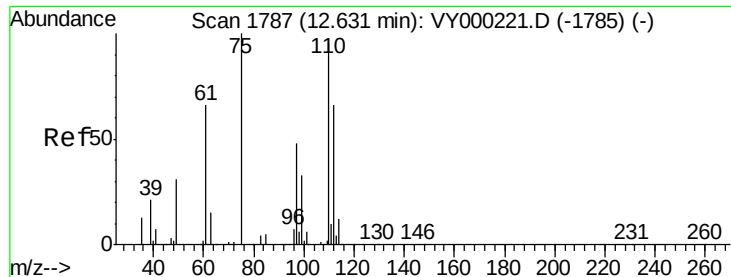
MMDadoda
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#75
1,1,2,2-Tetrachloroethane
Concen: 1.209 ug/l
RT: 12.58 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Tgt Ion:	83	Resp:	4582
Ion	Ratio	Lower	Upper
83	100		
131	14.4	5.9	17.6
85	61.0	32.6	98.0





#76

1,2,3-Trichloropropane

Concen: 0.768 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 3957

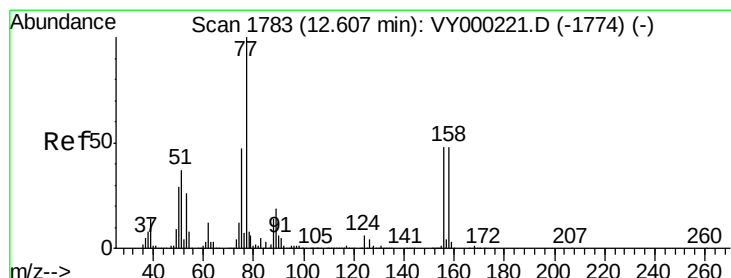
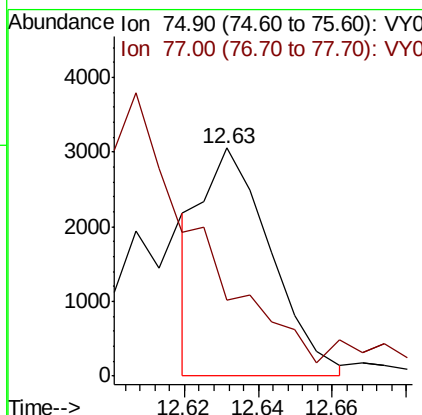
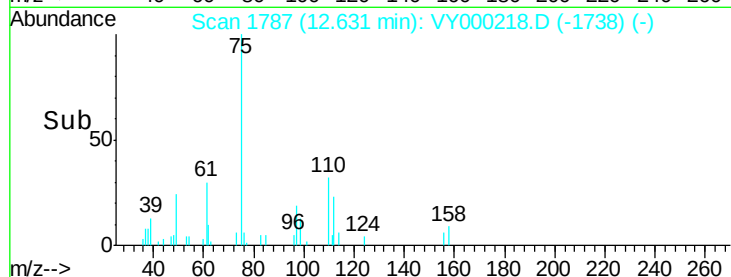
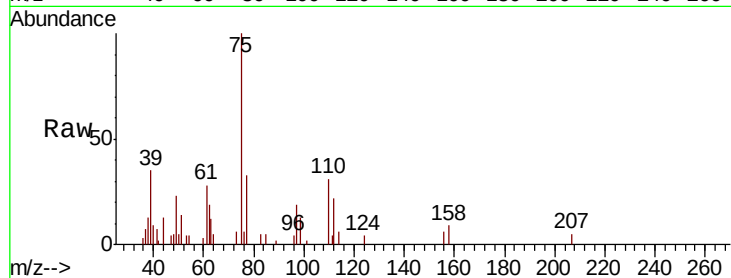
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

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#77

Bromobenzene

Concen: 1.151 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

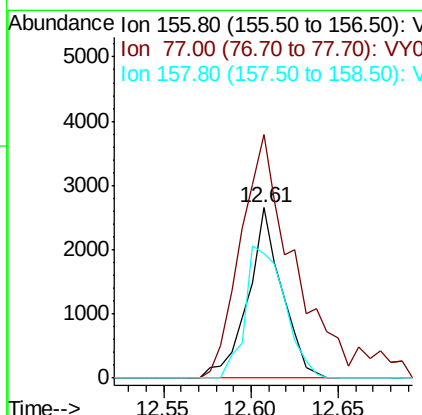
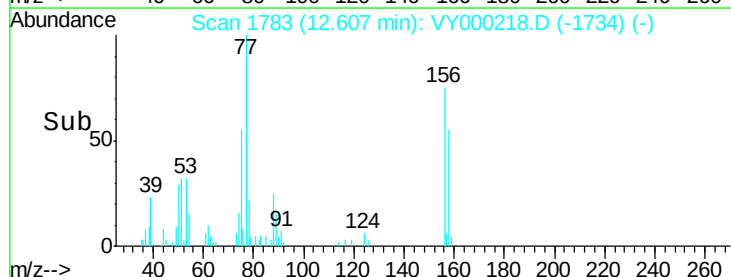
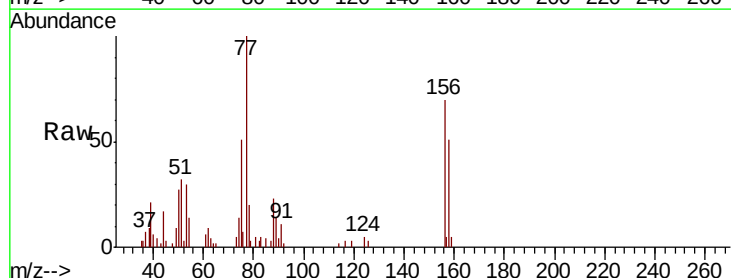
Tgt Ion: 156 Resp: 3599

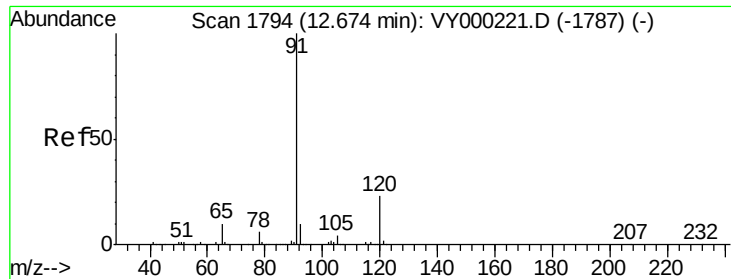
Ion Ratio Lower Upper

156 100

77 218.2 93.3 279.8

158 89.8 49.3 147.8





#78

n-propylbenzene

Concen: 1.155 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 15672

Ion Ratio Lower Upper

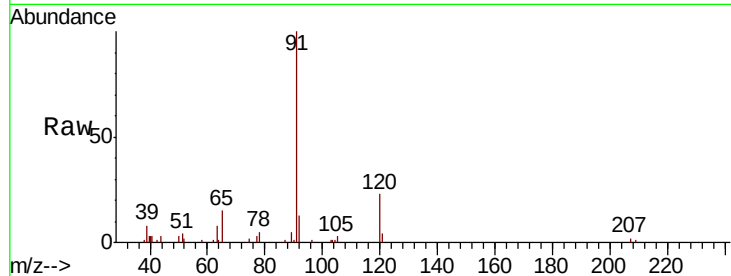
91 100

120 23.8 12.5 37.5

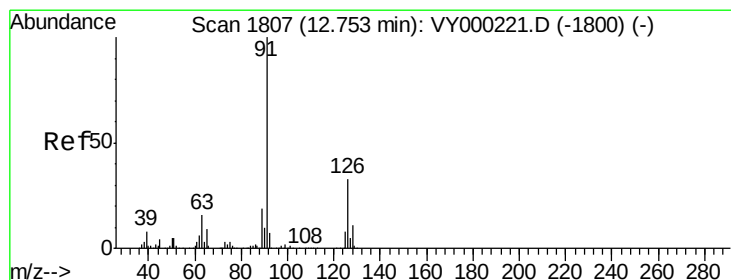
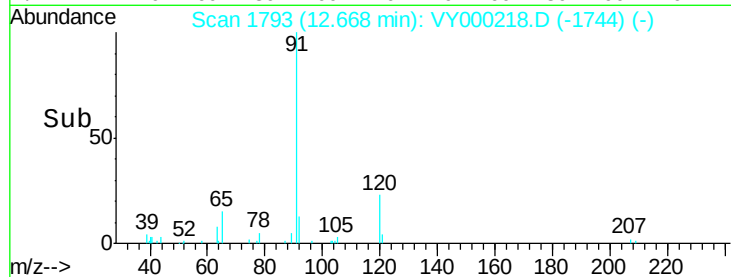
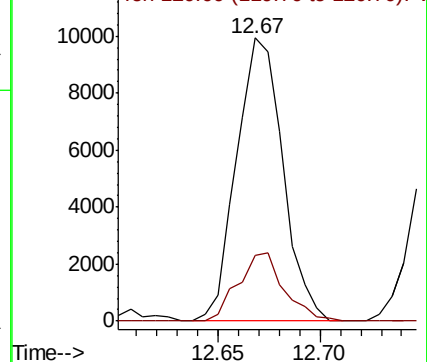
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Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.294 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000218.D

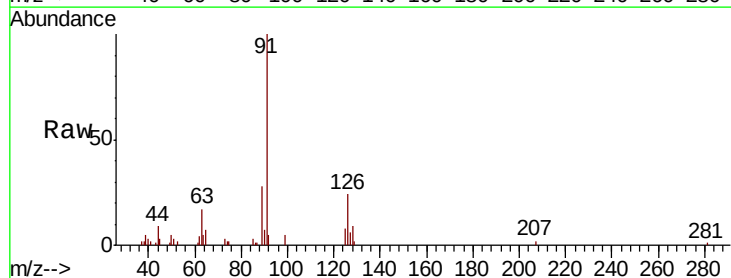
Acq: 08 Oct 2019 12:37

Tgt Ion: 91 Resp: 9933

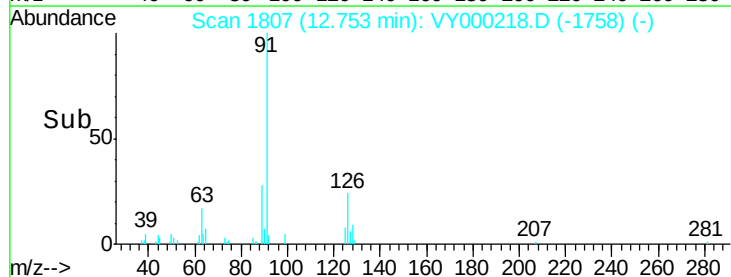
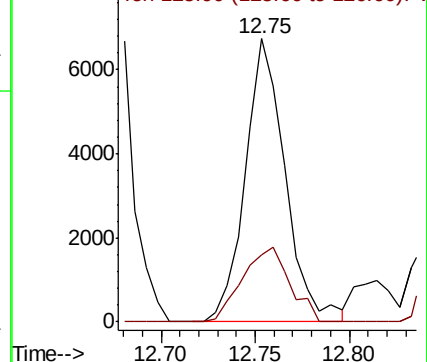
Ion Ratio Lower Upper

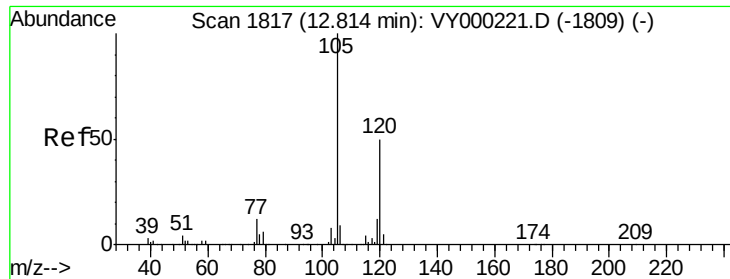
91 100

126 31.2 18.9 56.7



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V





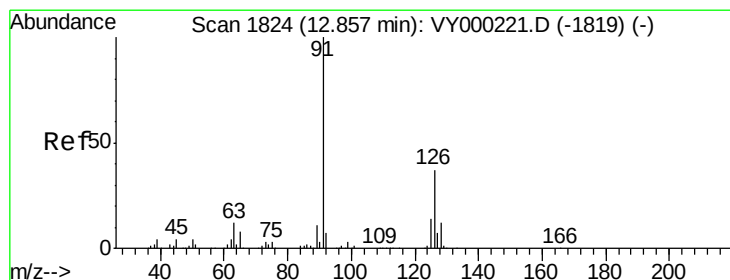
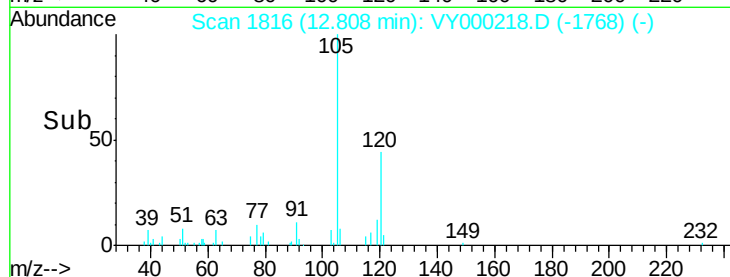
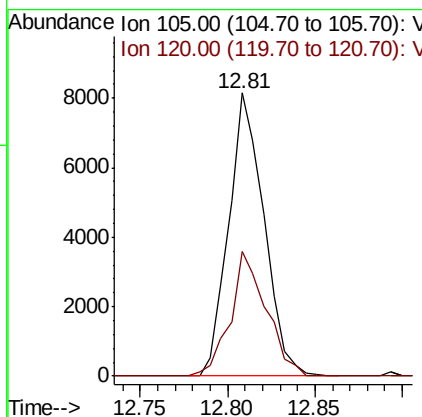
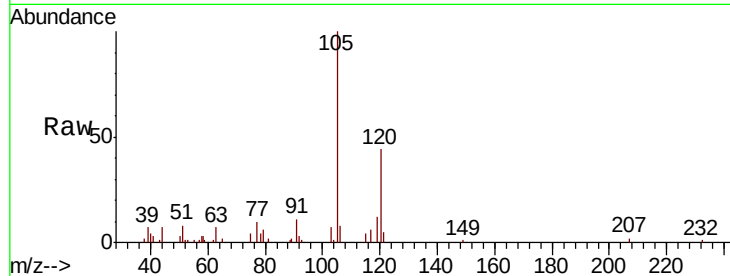
#80
 1,3,5-Trimethylbenzene
 Concen: 1.140 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY000218.D
 Acq: 08 Oct 2019 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

Tot Ion: 105 Resp: 11423
 Ion Ratio Lower Upper
 105 100
 120 44.6 26.3 78.8

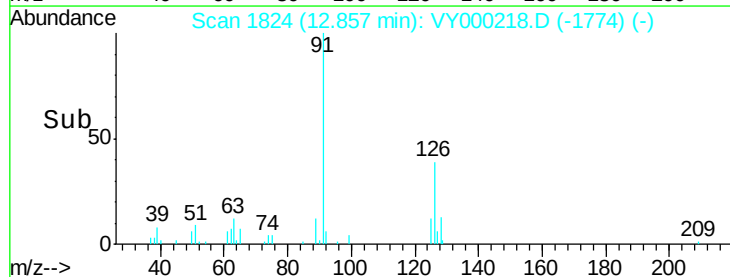
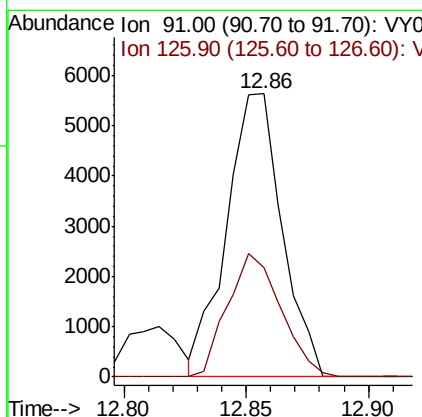
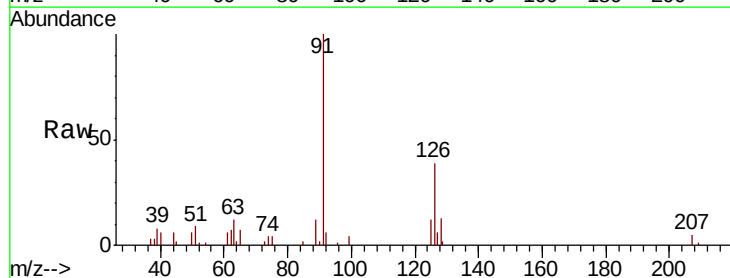
Manual Integrations
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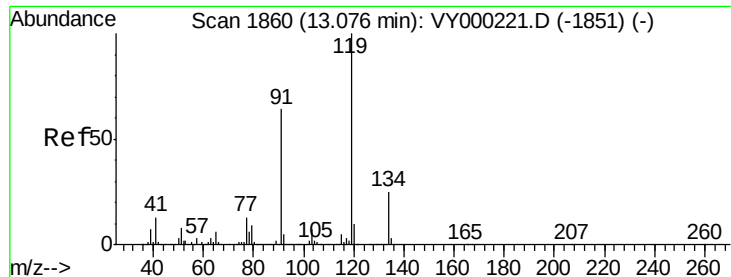
MMDadoda
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#82
 4-Chlorotoluene
 Concen: 1.132 ug/l
 RT: 12.86 min Scan# 1824
 Delta R.T. 0.01 min
 Lab File: VY000218.D
 Acq: 08 Oct 2019 12:37

Tgt Ion: 91 Resp: 8883
 Ion Ratio Lower Upper
 91 100
 126 41.8 18.9 56.9





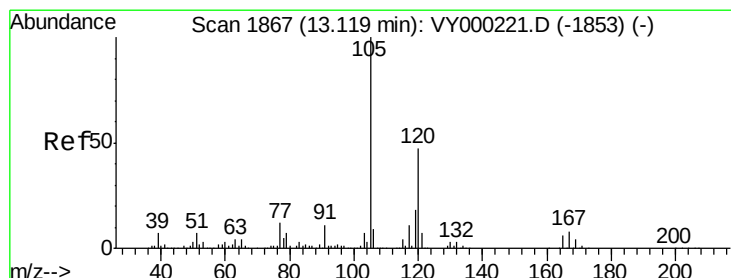
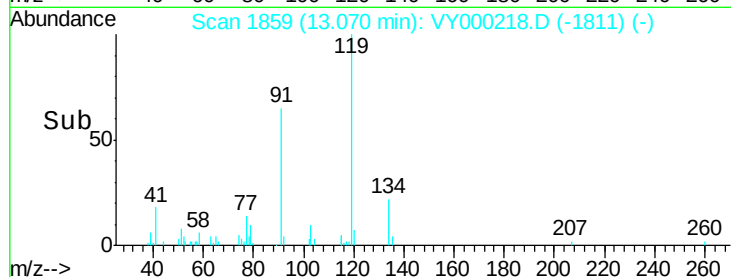
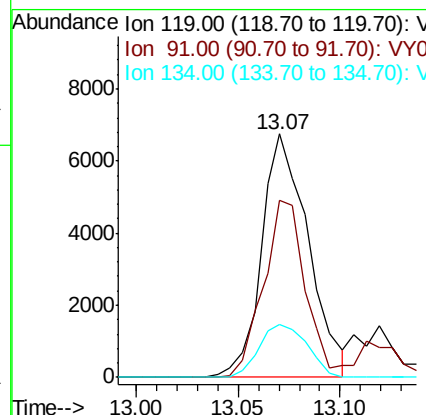
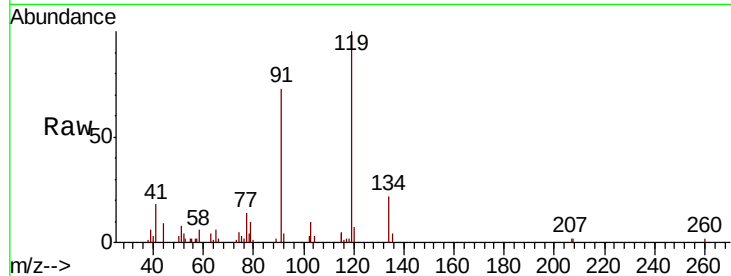
#83
tert-Butylbenzene
Concen: 1.190 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.8	30.4	91.3
134	22.4	13.7	41.0

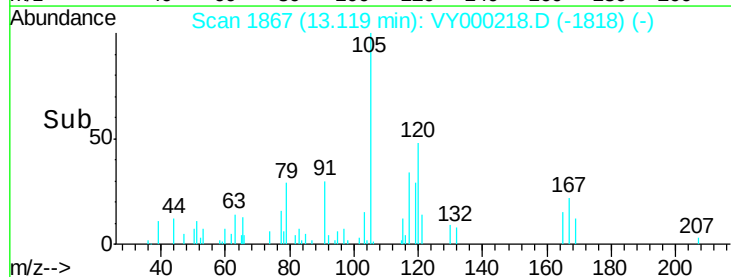
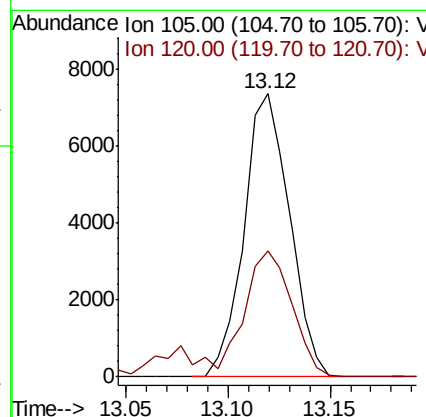
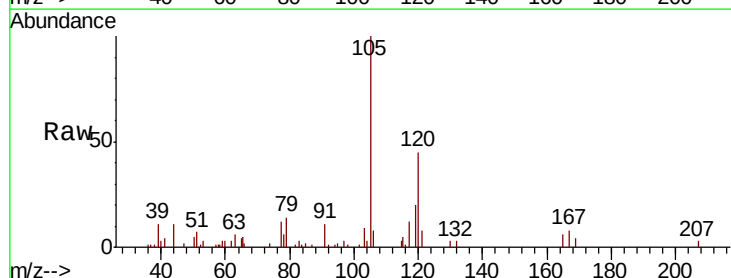
Manual Integrations
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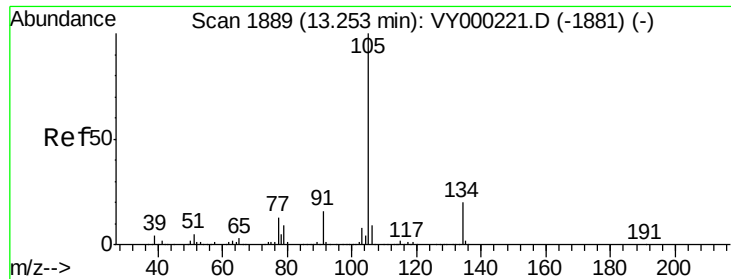
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 1.147 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.6	71.0





#85

sec-Butylbenzene

Concen: 1.130 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 13865

Ion Ratio Lower Upper

105 100

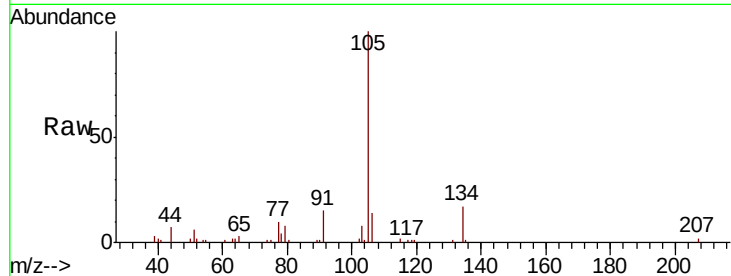
134 20.6 11.0 33.0

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

10000

8000

6000

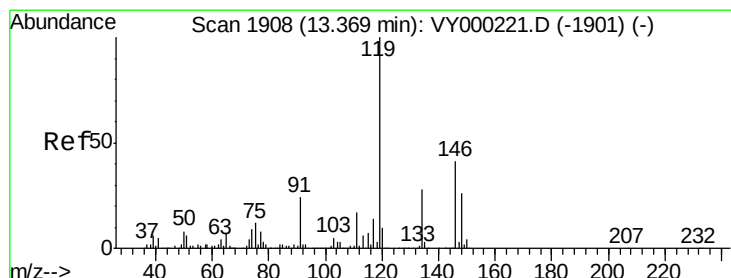
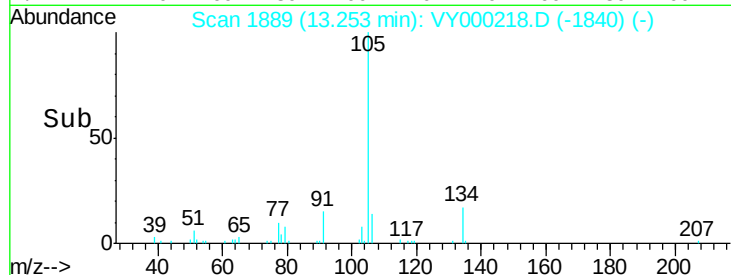
4000

2000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 1.036 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

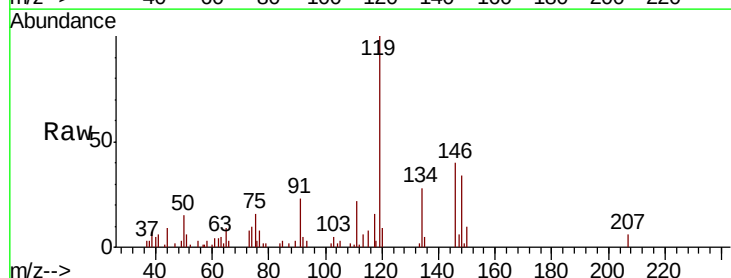
Tgt Ion:119 Resp: 11551

Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.1

91 24.7 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

10000

8000

6000

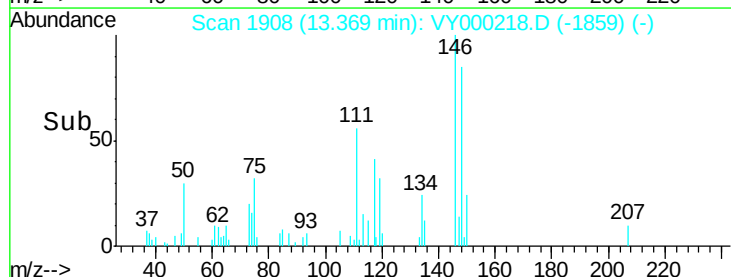
4000

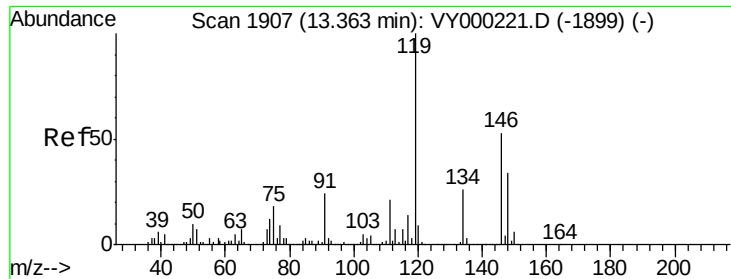
2000

0

13.30 13.35 13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 0.954 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000218.D

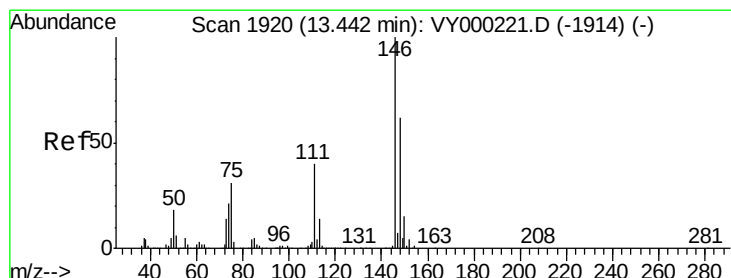
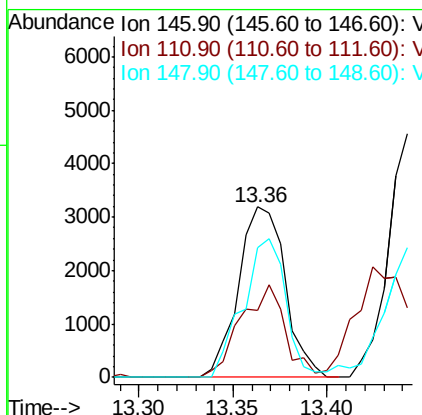
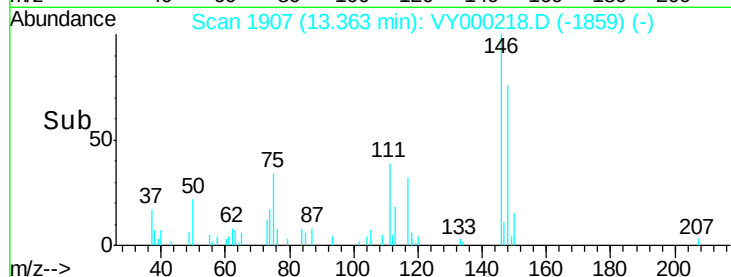
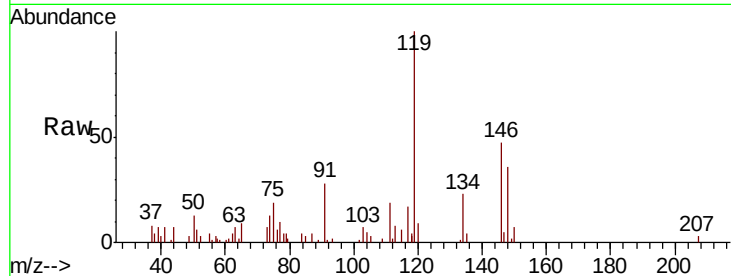
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	51.4	18.0	54.0
148	74.1	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 1.219 ug/l m

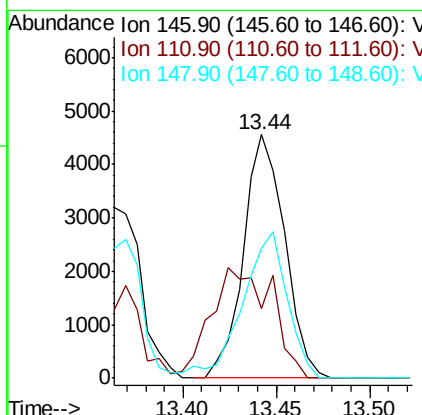
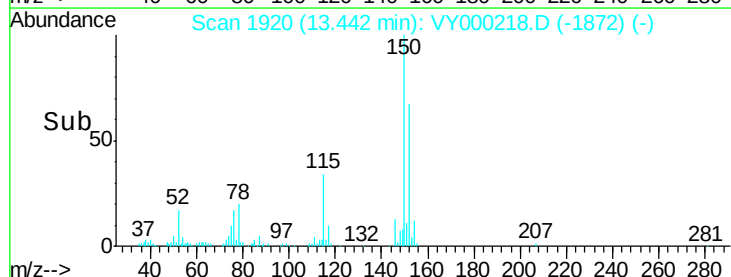
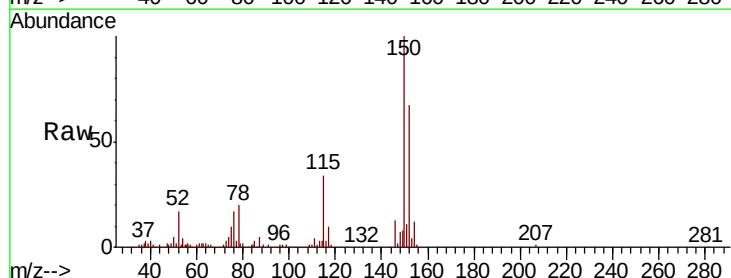
RT: 13.44 min Scan# 1920

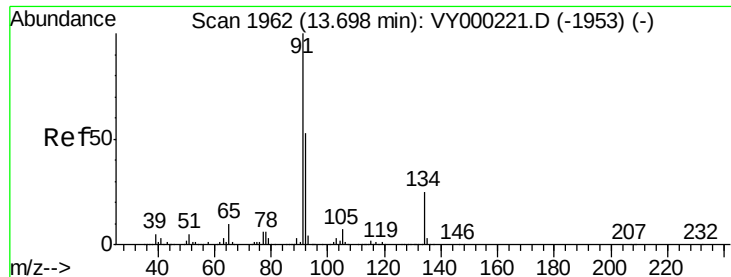
Delta R.T. -0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.1	54.1
148	57.5	31.9	95.7





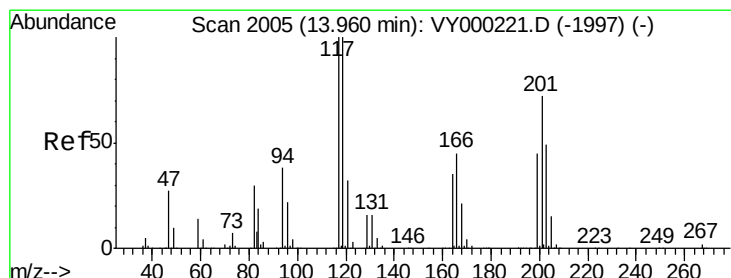
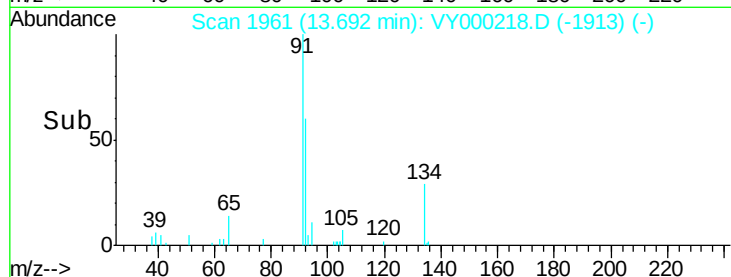
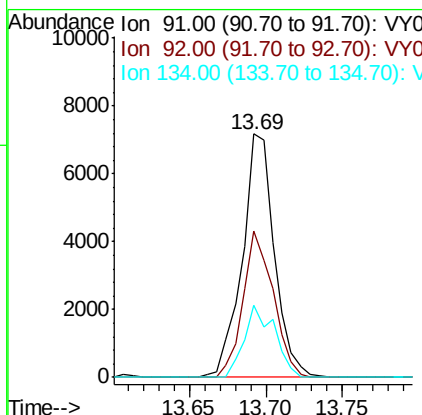
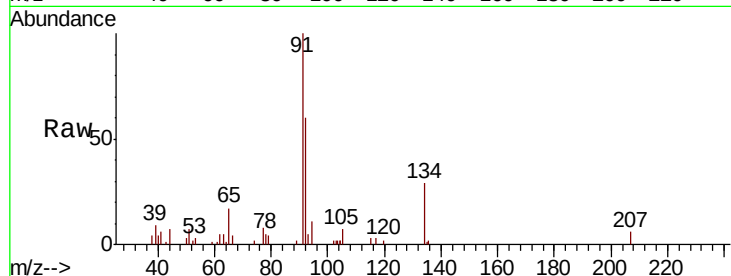
#89
n-Butylbenzene
Concen: 1.068 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.6	27.0	81.0
134	28.0	14.6	44.0

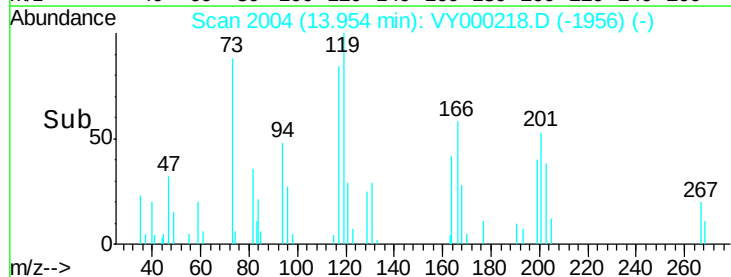
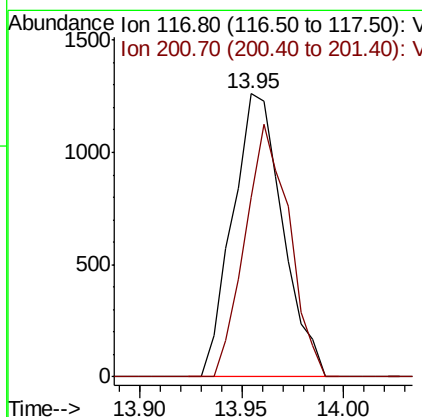
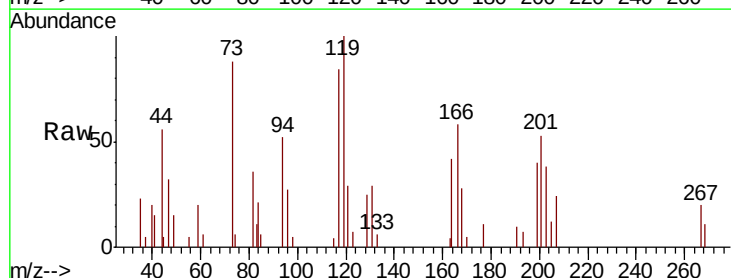
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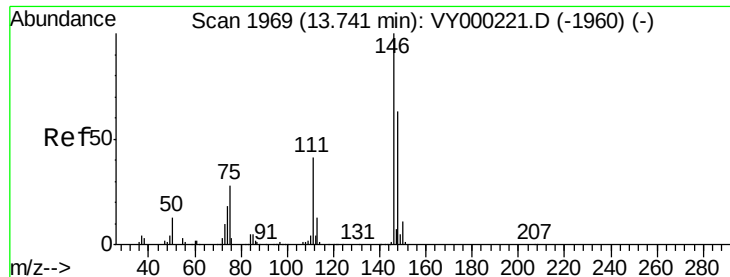
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#90
Hexachloroethane
Concen: 1.028 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000218.D
Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.6	41.2	123.6





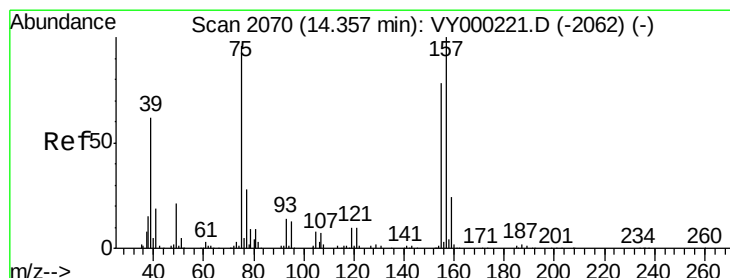
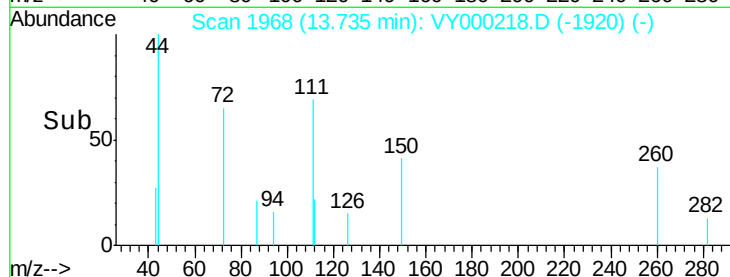
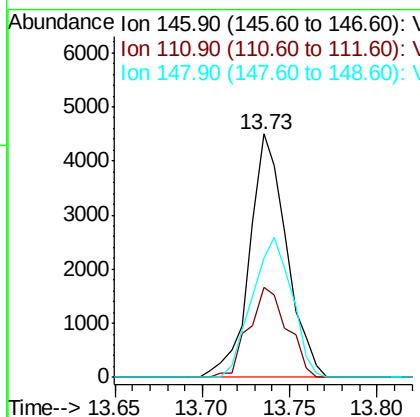
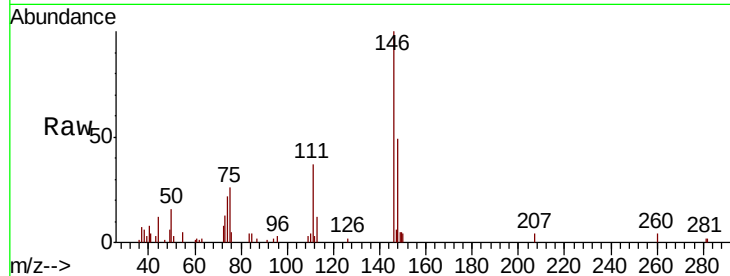
#91
 1,2-Dichlorobenzene
 Concen: 1.179 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY000218.D
 Acq: 08 Oct 2019 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.5	58.5
148	62.1	31.4	94.3

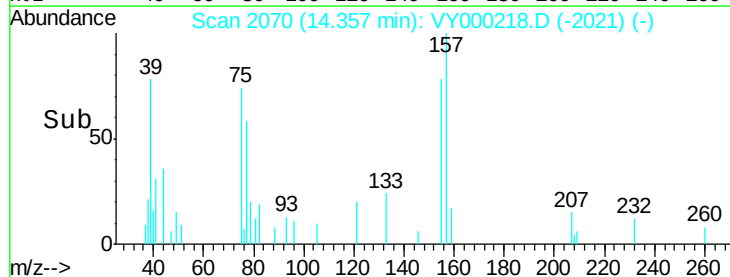
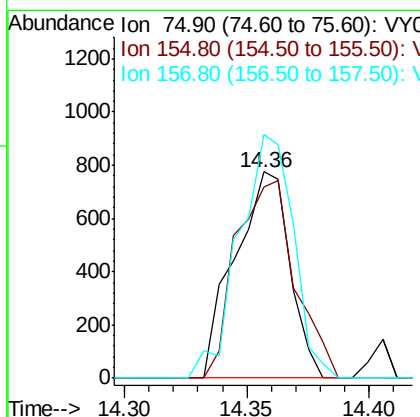
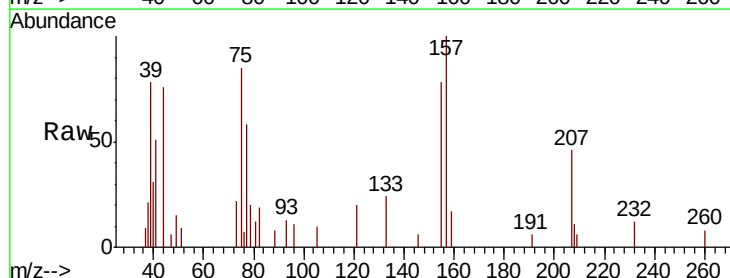
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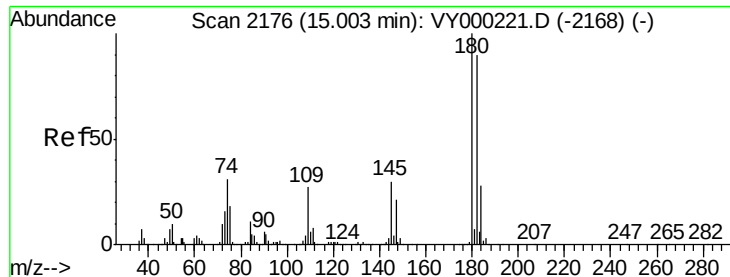
MMDadoda
 10/10/2019 12:52:17 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.981 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000218.D
 Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.1	52.0	156.0
157	116.2	65.8	197.3





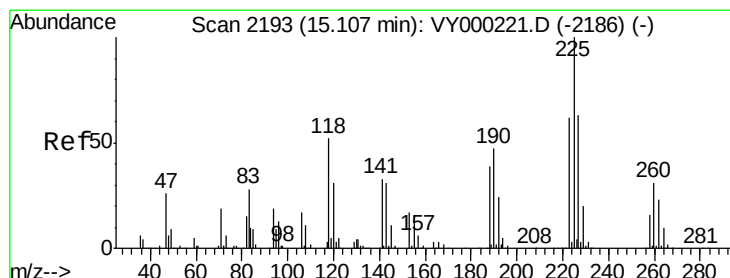
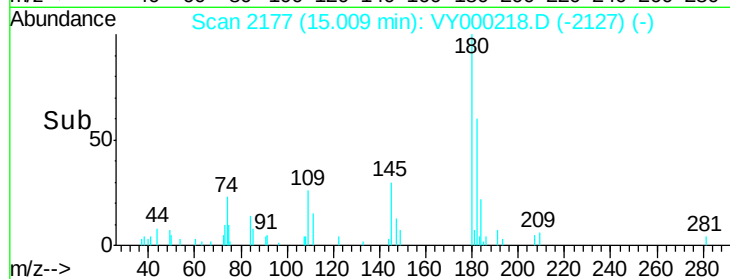
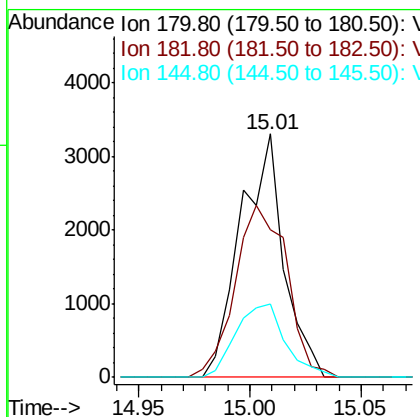
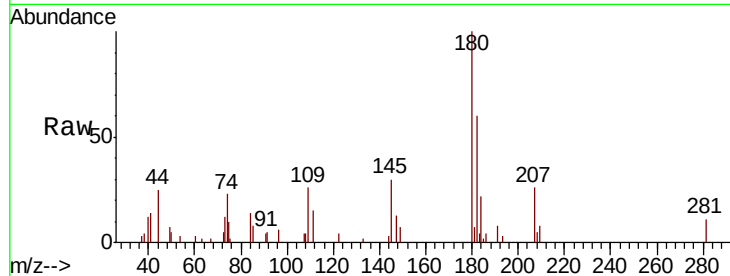
#93
 1,2,4-Trichlorobenzene
 Concen: 1.113 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000218.D
 Acq: 08 Oct 2019 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	84.7	47.4	142.2
145	34.5	14.1	42.3

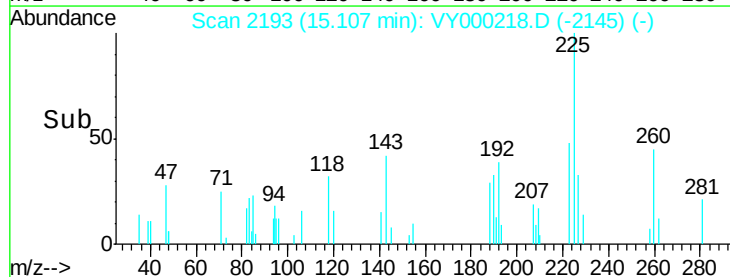
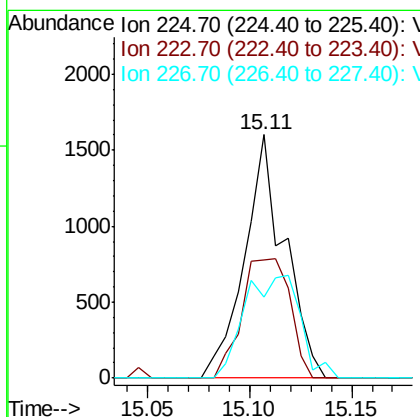
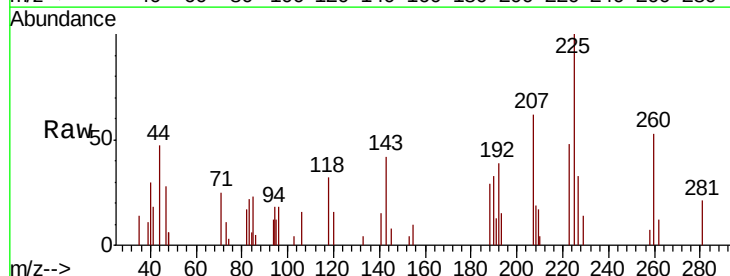
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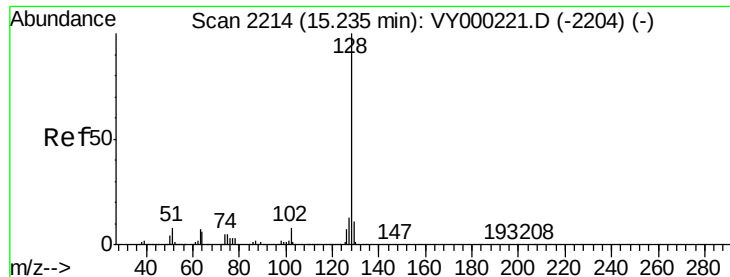
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#94
 Hexachlorobutadiene
 Concen: 1.015 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000218.D
 Acq: 08 Oct 2019 12:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.0	31.9	95.5
227	58.6	32.5	97.5





#95

Naphthalene

Concen: 1.103 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA_Y

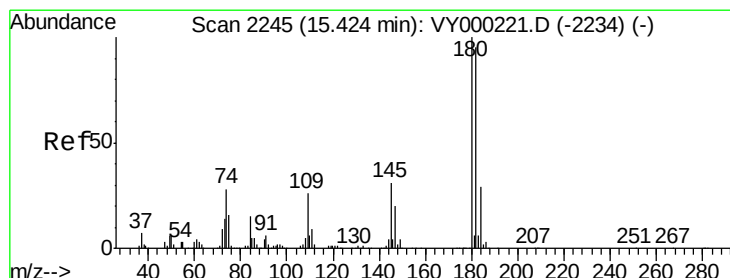
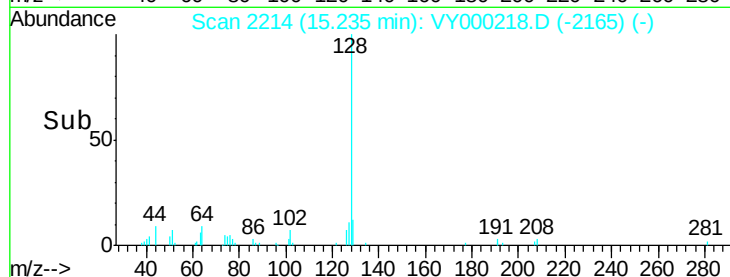
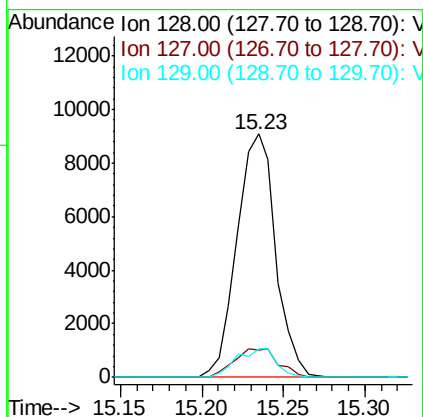
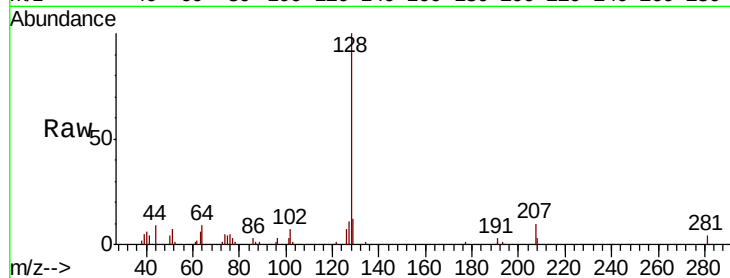
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	15002
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.0	15.0
129	12.5	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 0.968 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Tgt Ion:	180	Resp:	3887
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.3	144.8
145	34.6	14.9	44.9

