

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091119\
 Data File : VY000003.D
 Acq On : 11 Sep 2019 16:54
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:51:28 PM

Quant Time: Sep 12 09:04:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 08:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	155731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	292218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	249215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	107097	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	16505	9.60	ug/l	0.00
Spiked Amount			Recovery	=	19.20%	
35) Dibromofluoromethane	7.71	113	18201	10.56	ug/l	0.00
Spiked Amount			Recovery	=	21.12%	
50) Toluene-d8	10.18	98	67622	9.89	ug/l	0.00
Spiked Amount			Recovery	=	19.78%	
62) 4-Bromofluorobenzene	12.48	95	26620	10.82	ug/l	0.00
Spiked Amount			Recovery	=	21.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	12086	13.782	ug/l	93
3) Chloromethane	2.11	50	24222	21.892	ug/l	97
4) Vinyl Chloride	2.25	62	18409	13.860	ug/l	97
5) Bromomethane	2.63	94	11341	15.598	ug/l	93
6) Chloroethane	2.78	64	12280	15.231	ug/l	95
7) Trichlorofluoromethane	3.11	101	22225	20.872	ug/l	94
8) Diethyl Ether	3.53	74	8670	11.641	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.89	101	14664	10.749	ug/l #	94
10) Methyl Iodide	4.09	142	16467	9.654	ug/l	98
11) Tert butyl alcohol	4.96	59	10724m	76.282	ug/l	
12) 1,1-Dichloroethene	3.87	96	13424	10.367	ug/l #	90
13) Acrolein	3.73	56	8893	63.726	ug/l	85
14) Allyl chloride	4.47	41	22524	8.819	ug/l	99
15) Acrylonitrile	5.17	53	30033	68.127	ug/l	96
16) Acetone	3.95	43	23313	50.845	ug/l	97
17) Carbon Disulfide	4.18	76	27903	10.263	ug/l	99
18) Methyl Acetate	4.48	43	12900	11.480	ug/l	95
19) Methyl tert-butyl Ether	5.22	73	40182	14.606	ug/l	98
20) Methylene Chloride	4.71	84	19470	12.907	ug/l	90
21) trans-1,2-Dichloroethene	5.21	96	15410	11.611	ug/l #	81
22) Diisopropyl ether	6.12	45	47400	9.309	ug/l	94
23) Vinyl Acetate	6.06	43	160953	49.450	ug/l	96
24) 1,1-Dichloroethane	6.02	63	29196	10.486	ug/l	96
25) 2-Butanone	6.99	43	35840	57.163	ug/l	98
26) 2,2-Dichloropropane	6.98	77	24826	13.352	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	20640	13.175	ug/l	95
28) Bromochloromethane	7.33	49	13150	10.137	ug/l	91
29) Tetrahydrofuran	7.35	42	22466	58.321	ug/l	97
30) Chloroform	7.51	83	28678	10.267	ug/l	97
31) Cyclohexane	7.78	56	24723	9.883	ug/l #	83
32) 1,1,1-Trichloroethane	7.70	97	23333	10.309	ug/l	98
36) 1,1-Dichloropropene	7.92	75	20487	8.279	ug/l	97
37) Ethyl Acetate	7.08	43	13865	8.703	ug/l	96
38) Carbon Tetrachloride	7.90	117	18679	7.685	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	25162	8.890	ug/l	92
40) Benzene	8.16	78	67002	9.512	ug/l	97
41) Methacrylonitrile	7.31	41	9113	9.762	ug/l #	89
42) 1,2-Dichloroethane	8.24	62	17953	7.568	ug/l	96
43) Isopropyl Acetate	8.27	43	27132	9.006	ug/l #	91
44) Trichloroethene	8.93	130	16662	9.159	ug/l	99
45) 1,2-Dichloropropane	9.21	63	17510	9.031	ug/l	93
46) Dibromomethane	9.30	93	9246	9.909	ug/l	95
47) Bromodichloromethane	9.49	83	21861	8.688	ug/l #	93
48) Methyl methacrylate	9.29	41	11362	7.908	ug/l	97
49) 1,4-Dioxane	9.30	88	3942	208.449	ug/l #	80
51) 4-Methyl-2-Pentanone	10.07	43	73971	46.352	ug/l	100
52) Toluene	10.24	92	43080	9.780	ug/l	96
53) t-1,3-Dichloropropene	10.46	75	23201	8.916	ug/l	89
54) cis-1,3-Dichloropropene	9.93	75	27496	9.317	ug/l	93
55) 1,1,2-Trichloroethane	10.64	97	14600	10.367	ug/l	96
56) Ethyl methacrylate	10.51	69	21075	10.260	ug/l	99
57) 1,3-Dichloropropane	10.79	76	23183	9.037	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.78	63	61210	55.683	ug/l	100
59) 2-Hexanone	10.83	43	51816	44.448	ug/l	99
60) Dibromochloromethane	10.98	129	15235	9.350	ug/l	95
61) 1,2-Dibromoethane	11.09	107	13475	10.404	ug/l	98
64) Tetrachloroethene	10.71	164	16025	10.786	ug/l	90
65) Chlorobenzene	11.51	112	44759	9.628	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	15895	9.370	ug/l	99
67) Ethyl Benzene	11.59	91	81980	9.489	ug/l	99
68) m/p-Xylenes	11.69	106	62341	19.689	ug/l	100
69) o-Xylene	12.02	106	29851	10.007	ug/l	97
70) Styrene	12.04	104	50218	9.573	ug/l	97
71) Bromoform	12.20	173	9022	9.430	ug/l #	97
73) Isopropylbenzene	12.33	105	79179	10.380	ug/l	99
74) N-amyl acetate	12.14	43	21356	9.001	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	18825	11.894	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	13876m	12.269	ug/l	
77) Bromobenzene	12.60	156	17040	9.921	ug/l	94
78) n-propylbenzene	12.66	91	94884	10.338	ug/l	96
79) 2-Chlorotoluene	12.75	91	54336	10.373	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	65893	10.270	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	6882	12.625	ug/l #	86
82) 4-Chlorotoluene	12.85	91	55542	10.024	ug/l	97
83) tert-Butylbenzene	13.07	119	57963	10.272	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	63041	9.716	ug/l	98
85) sec-Butylbenzene	13.25	105	82880	10.468	ug/l	100
86) p-Isopropyltoluene	13.37	119	69706	9.767	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	33048	9.735	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	32600	9.670	ug/l	93
89) n-Butylbenzene	13.69	91	67647	9.671	ug/l	98
90) Hexachloroethane	13.95	117	14063	11.029	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	30555	9.970	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.35	75	3552	12.174	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	18186	8.794	ug/l	96
94) Hexachlorobutadiene	15.11	225	9089	6.624	ug/l	96
95) Naphthalene	15.22	128	50558	12.260	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	16828	9.146	ug/l	98

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

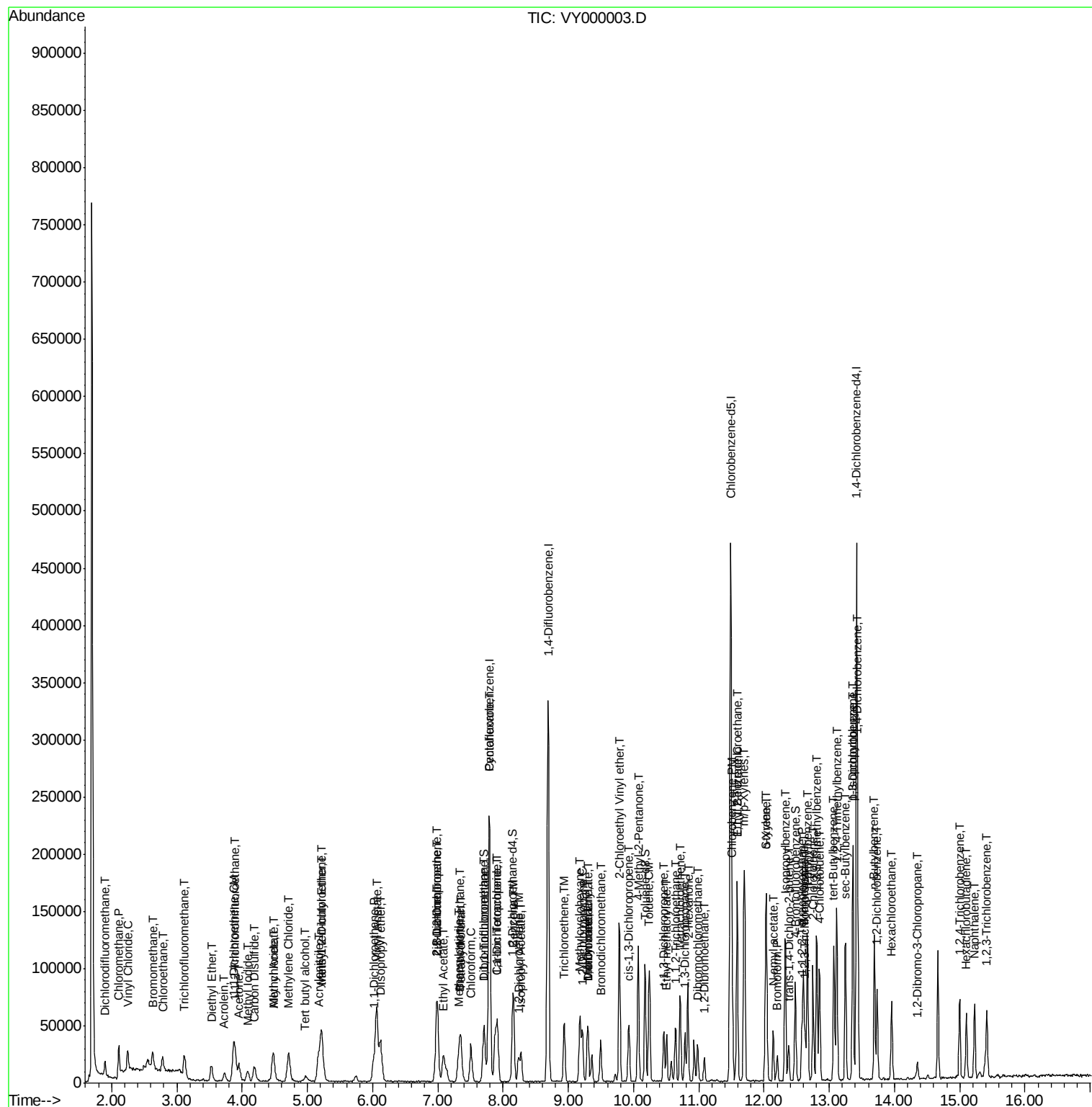
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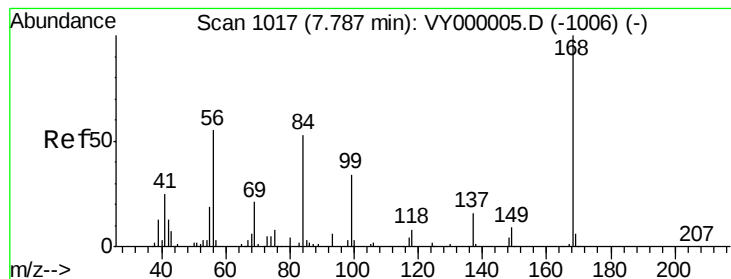
Instrument :
 MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 155731

Ion Ratio Lower Upper

168 100

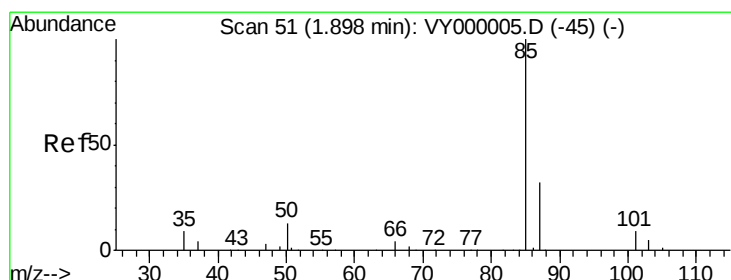
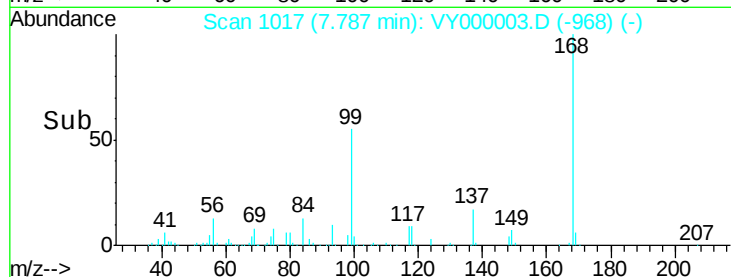
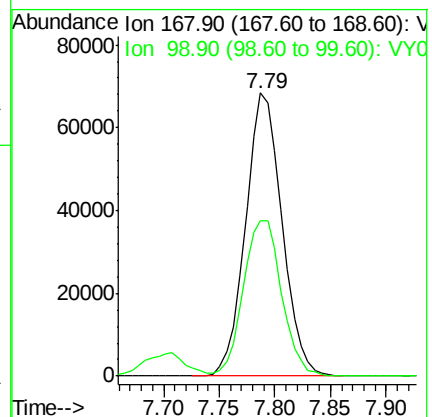
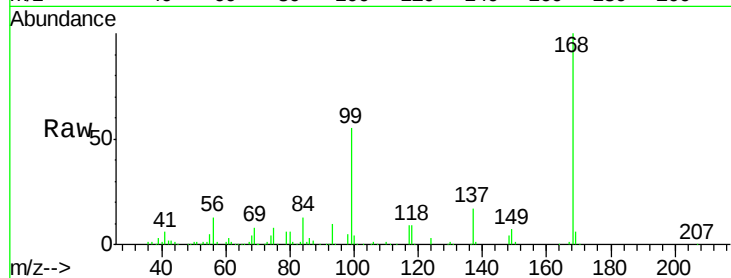
99 54.6 44.2 66.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 13.782 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000003.D

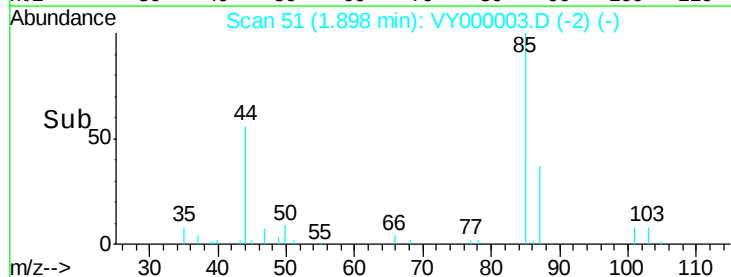
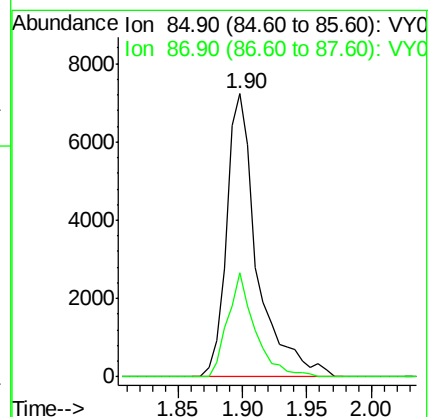
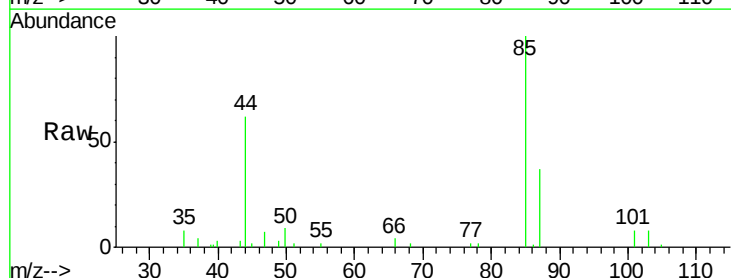
Acq: 11 Sep 2019 16:54

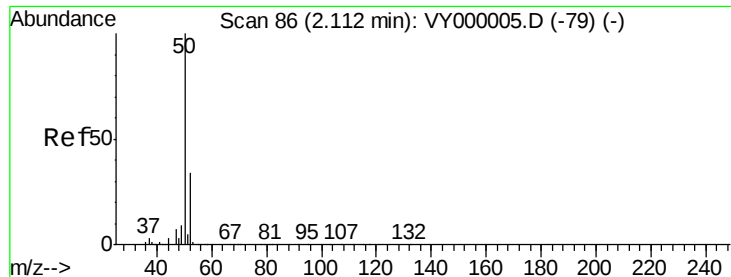
Tgt Ion: 85 Resp: 12086

Ion Ratio Lower Upper

85 100

87 36.6 16.2 48.6





#3

Chloromethane

Concen: 21.892 ug/l

RT: 2.11 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 24222

Ion Ratio Lower Upper

50 100

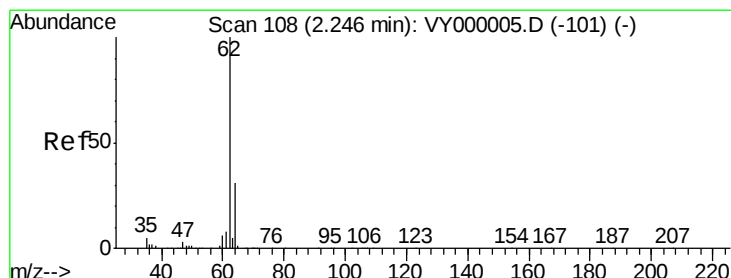
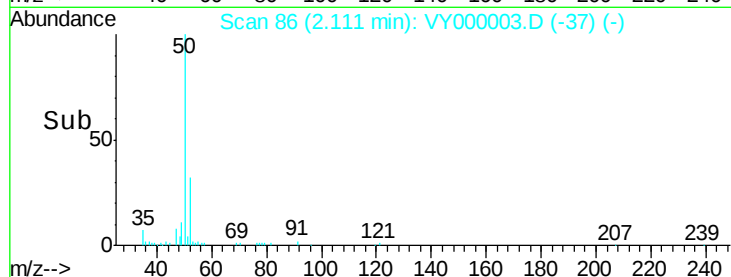
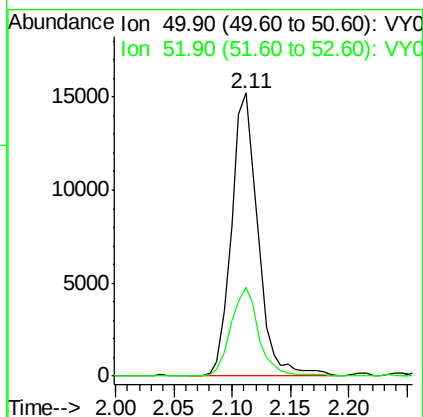
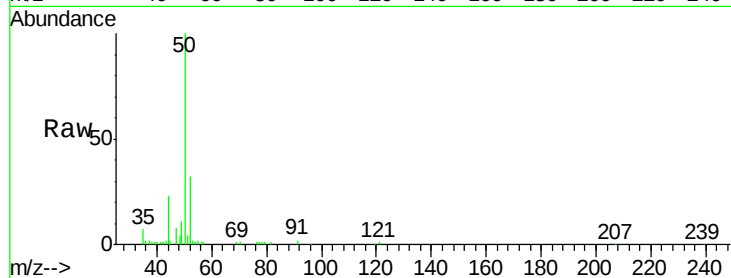
52 31.6 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 13.860 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000003.D

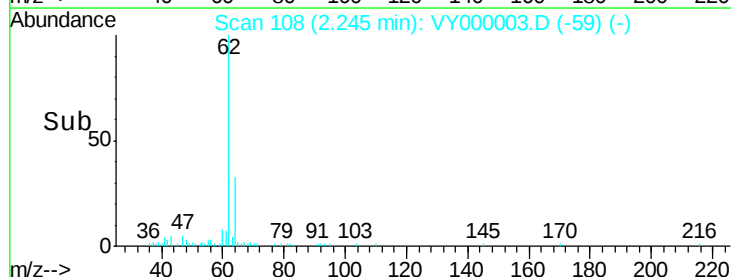
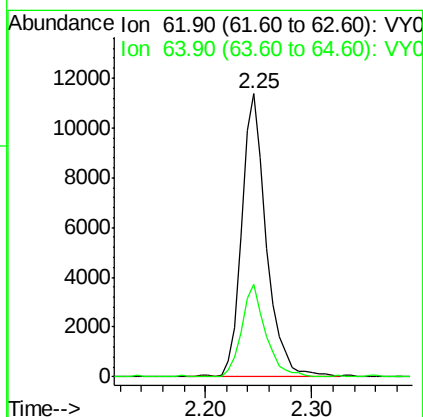
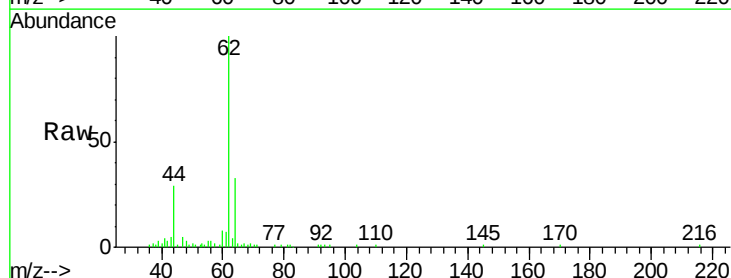
Acq: 11 Sep 2019 16:54

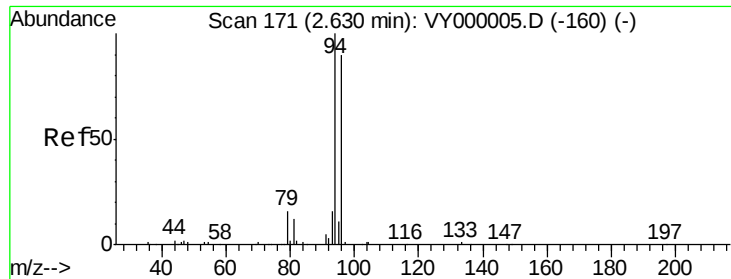
Tgt Ion: 62 Resp: 18409

Ion Ratio Lower Upper

62 100

64 32.6 24.6 37.0





#5

Bromomethane

Concen: 15.598 ug/l

RT: 2.63 min Scan# 171

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

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Tot Ion: 94 Resp: 11341

Ion Ratio Lower Upper

94 100

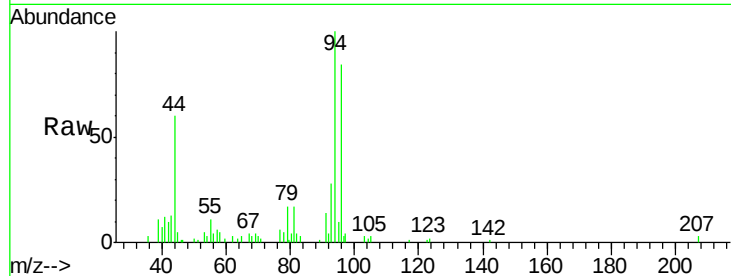
96 83.1 71.6 107.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

6000

5000

4000

3000

2000

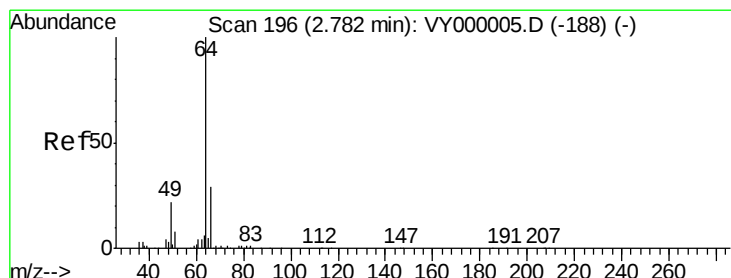
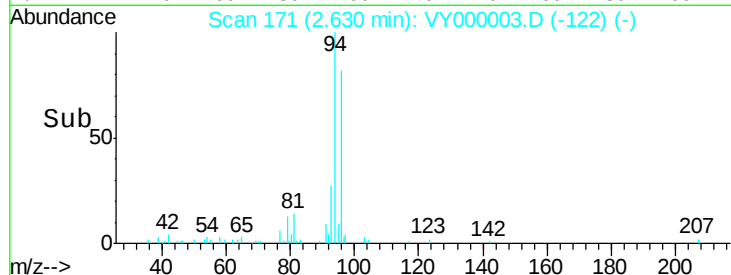
1000

0

2.60

2.70

Time-->



#6

Chloroethane

Concen: 15.231 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VY000003.D

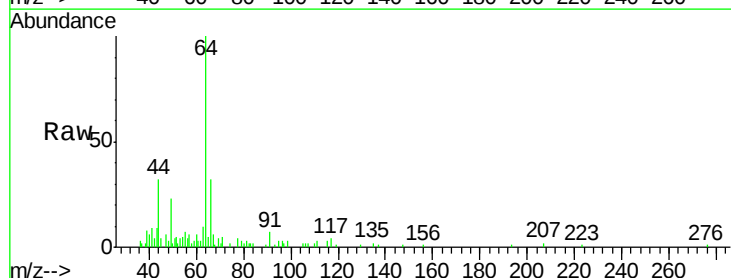
Acq: 11 Sep 2019 16:54

Tgt Ion: 64 Resp: 12280

Ion Ratio Lower Upper

64 100

66 31.9 23.5 35.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.78

6000

4000

2000

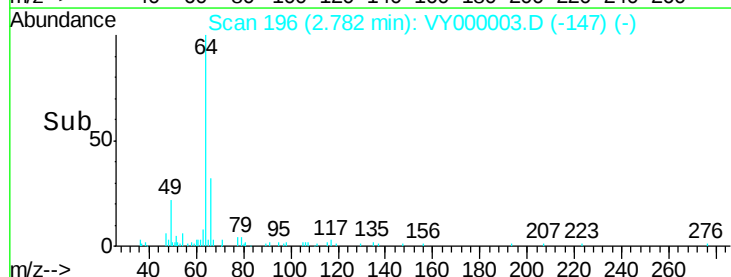
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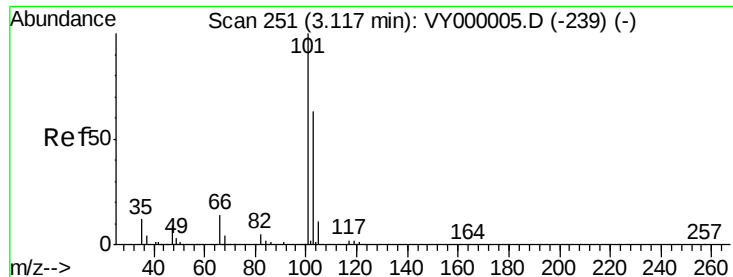
2.70

2.80

2.90

Time-->





#7

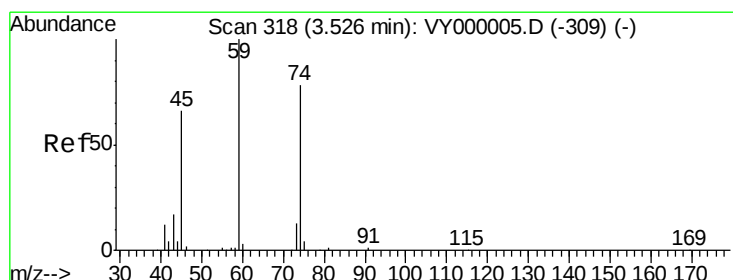
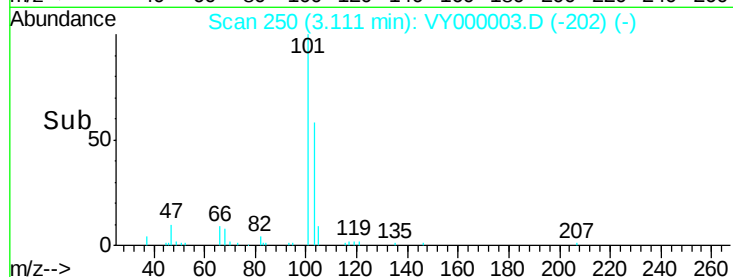
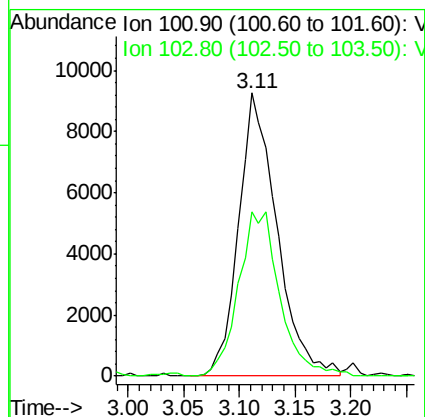
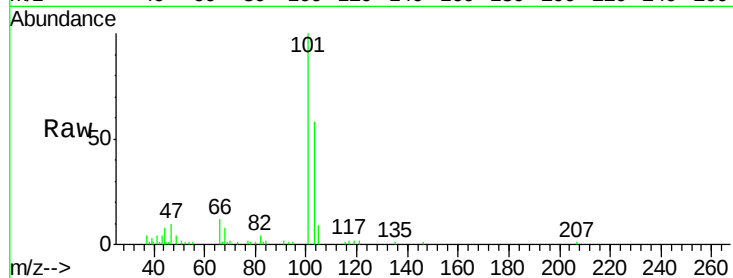
Trichlorofluoromethane
 Concen: 20.872 ug/l
 RT: 3.11 min Scan# 250
 Delta R.T. -0.01 min
 Lab File: VY000003.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	58.0	50.0	75.0

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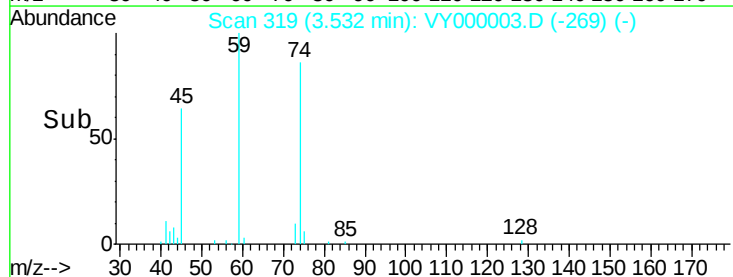
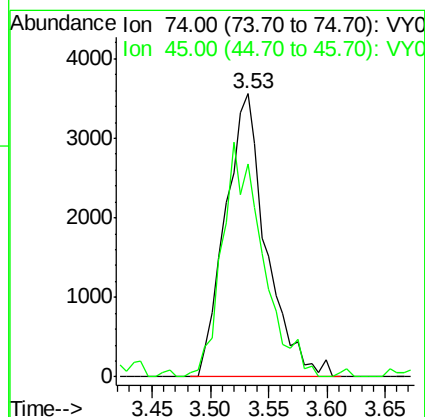
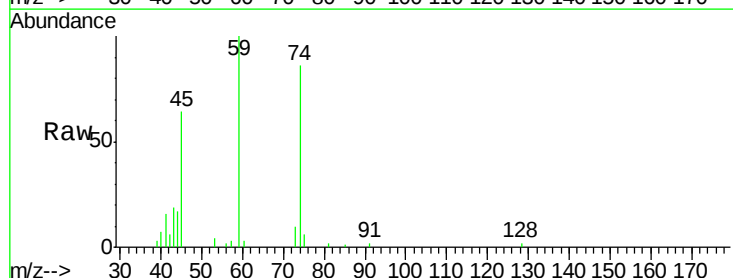
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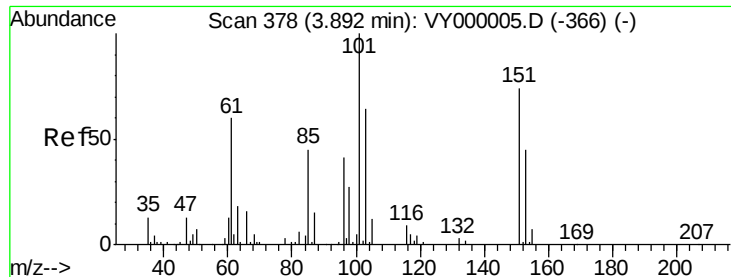


#8

Diethyl Ether
 Concen: 11.641 ug/l
 RT: 3.53 min Scan# 319
 Delta R.T. 0.01 min
 Lab File: VY000003.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.1	40.5	121.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.749 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VY000003.D

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MSVOA_Y

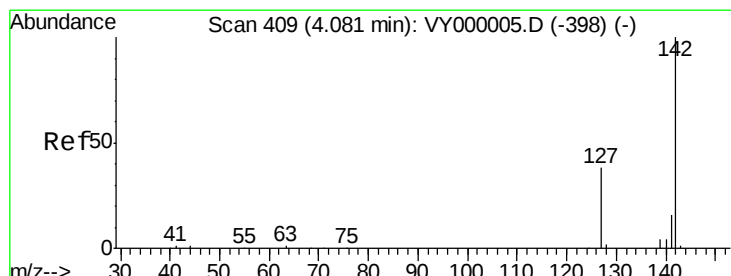
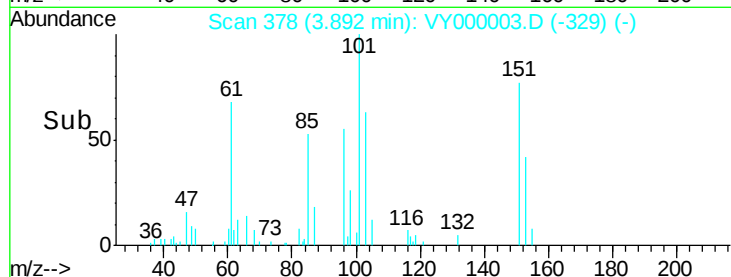
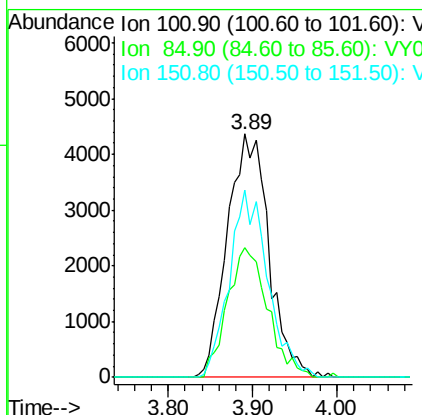
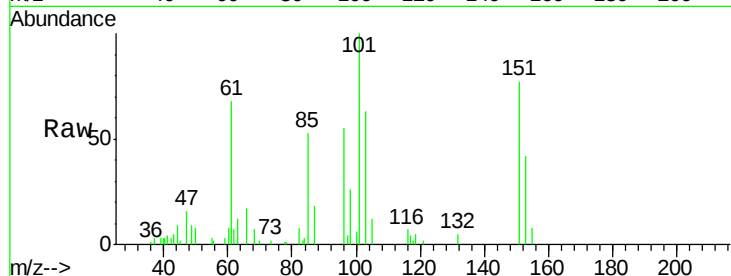
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	14664
Ion Ratio	Lower	Upper	
101	100		
85	51.3	34.0	51.0#
151	70.9	57.3	85.9

Manual Integrations
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#10

Methyl Iodide

Concen: 9.654 ug/l

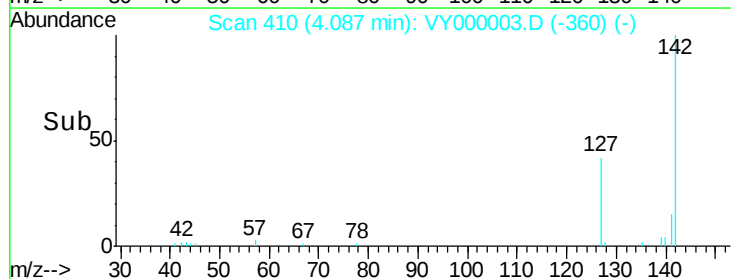
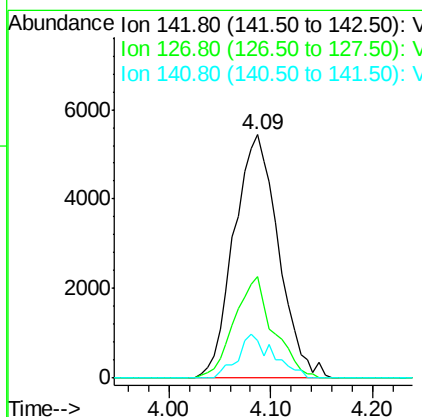
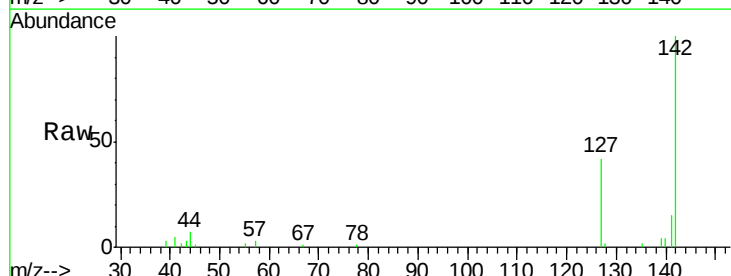
RT: 4.09 min Scan# 410

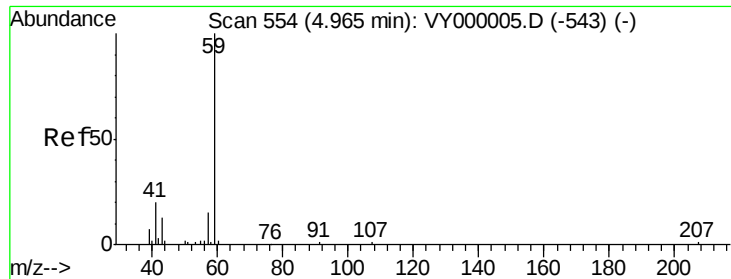
Delta R.T. 0.01 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Tgt Ion:	142	Resp:	16467
Ion Ratio	Lower	Upper	
142	100		
127	36.7	30.0	45.0
141	14.5	11.0	16.4





#11

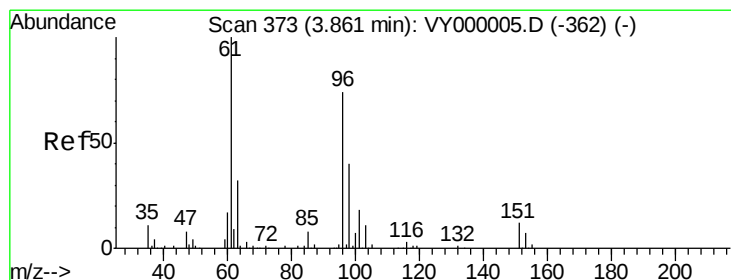
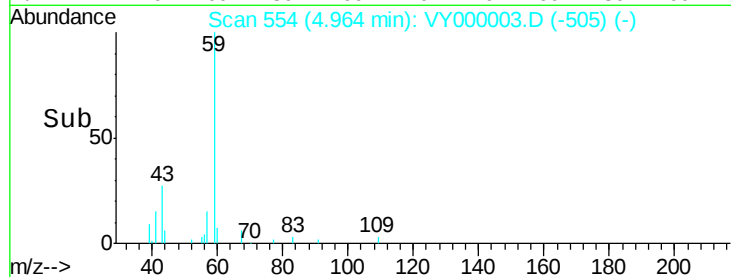
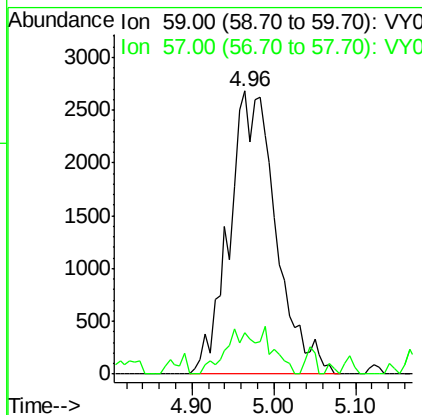
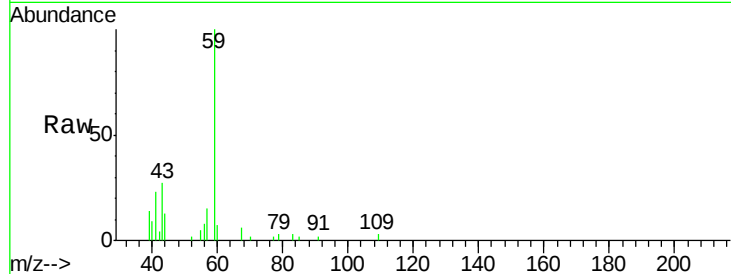
Tert butyl alcohol
 Concen: 76.282 ug/l m
 RT: 4.96 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: VY000003.D
 Acq: 11 Sep 2019 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	59	Resp	10724
Ion Ratio	100	Lower	Upper
59	100		
57	9.2	8.9	13.3

Manual Integrations
 APPROVED

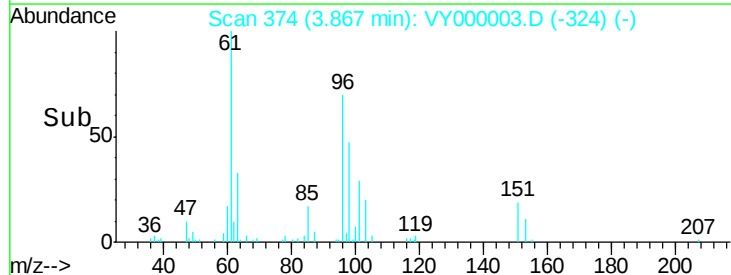
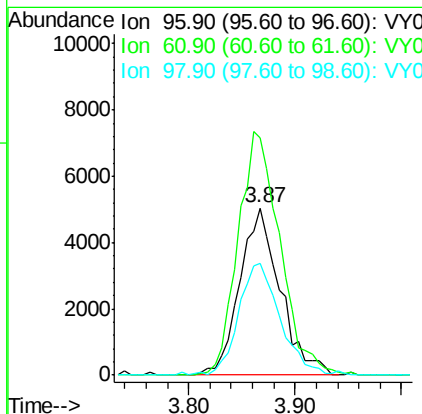
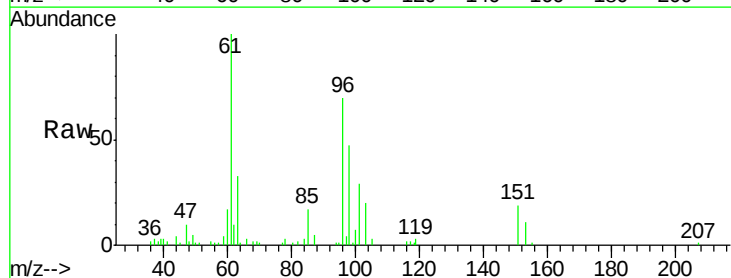
MMDadoda
 9/13/2019 11:51:28 PM

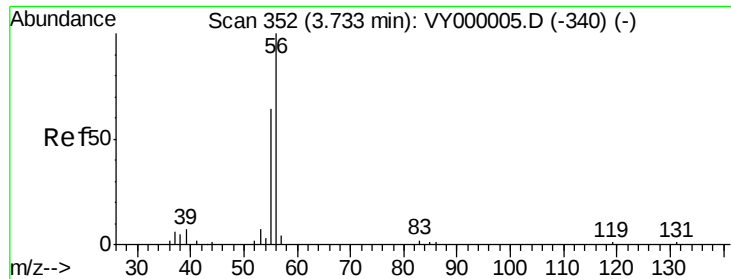


#12

1,1-Dichloroethene
 Concen: 10.367 ug/l
 RT: 3.87 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VY000003.D
 Acq: 11 Sep 2019 16:54

Tgt Ion	96	Resp	13424
Ion Ratio	100	Lower	Upper
96	100		
61	142.0	108.1	162.1
98	67.2	42.8	64.2#





#13

Acrolein

Concen: 63.726 ug/l

RT: 3.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 8893

Ion Ratio Lower Upper

56 100

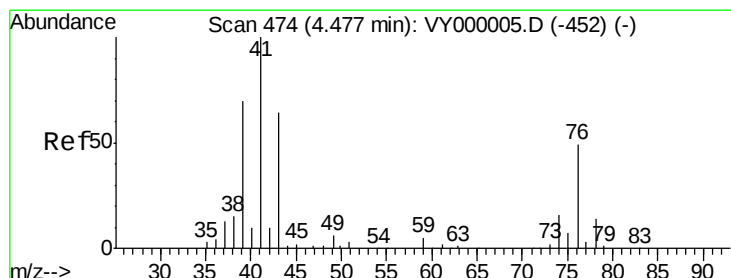
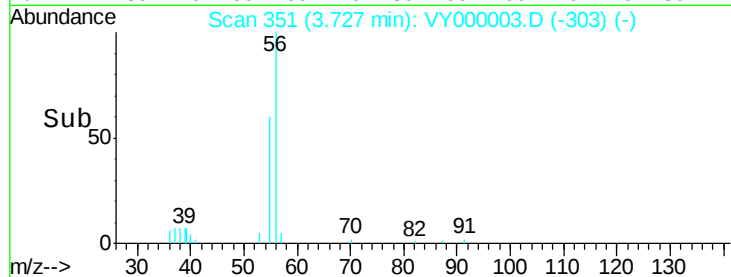
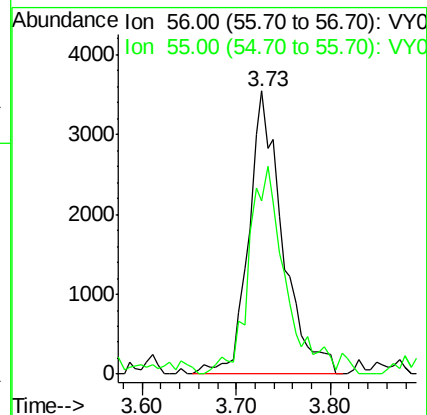
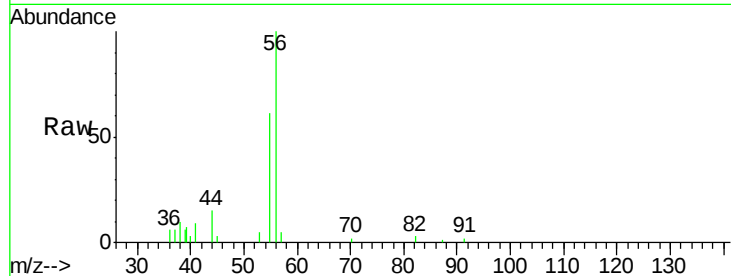
55 78.7 53.3 79.9

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 8.819 ug/l

RT: 4.47 min Scan# 473

Delta R.T. -0.01 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

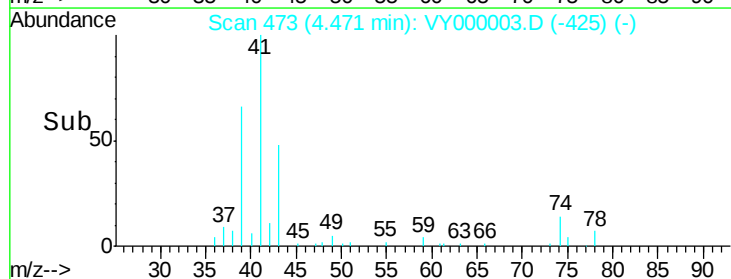
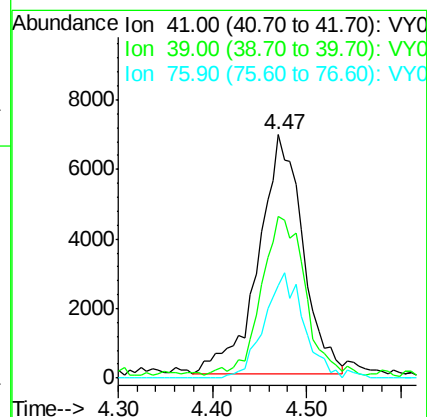
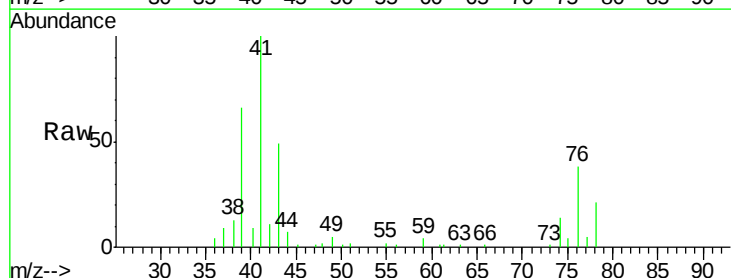
Tgt Ion: 41 Resp: 22524

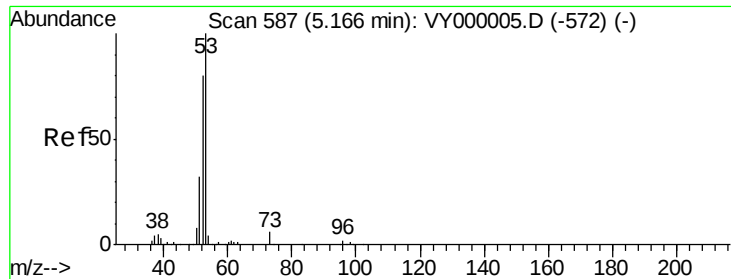
Ion Ratio Lower Upper

41 100

39 65.5 52.4 78.6

76 39.3 33.3 49.9





#15

Acrylonitrile

Concen: 68.127 ug/l

RT: 5.17 min Scan# 588

Delta R.T. 0.01 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

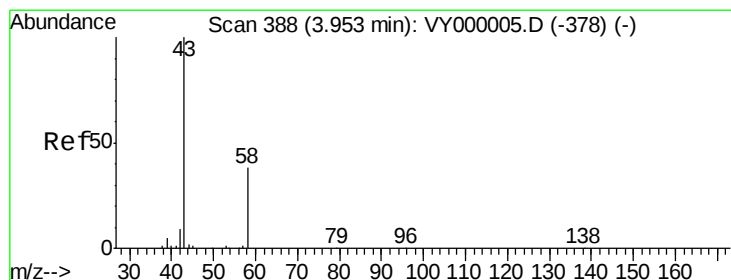
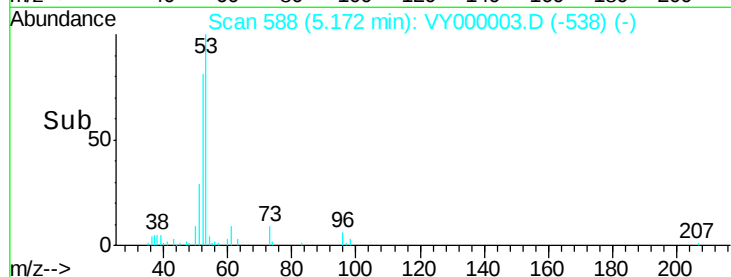
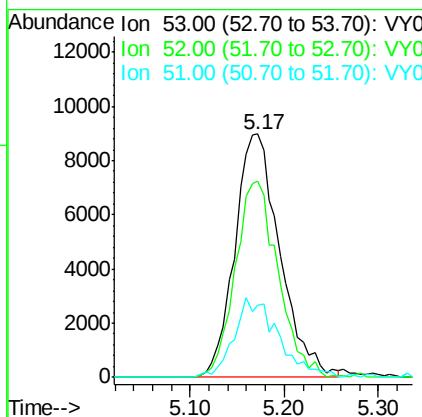
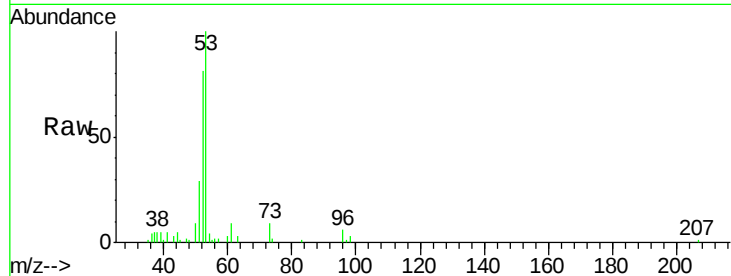
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	30033
Ion	Ratio	Lower	Upper
53	100		
52	76.6	64.4	96.6
51	31.8	27.1	40.7

Manual Integrations
APPROVED

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#16

Acetone

Concen: 50.845 ug/l

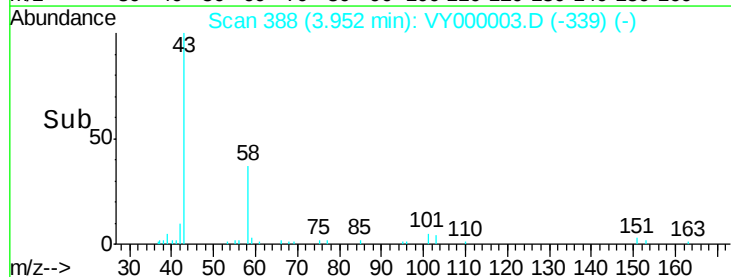
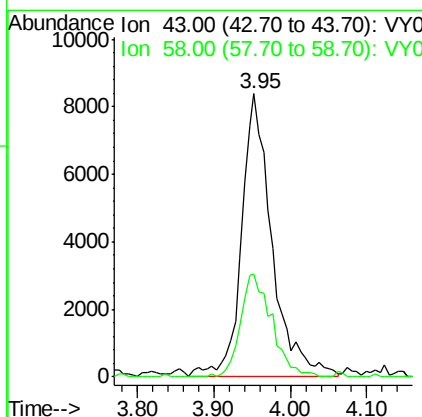
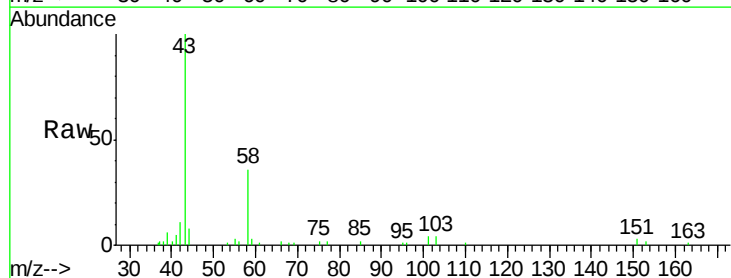
RT: 3.95 min Scan# 388

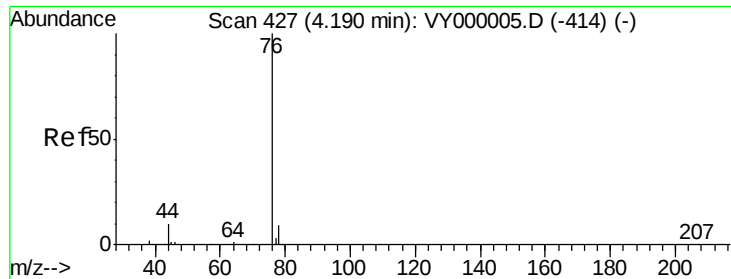
Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Tgt Ion:	43	Resp:	23313
Ion	Ratio	Lower	Upper
43	100		
58	36.1	30.5	45.7





#17

Carbon Disulfide

Concen: 10.263 ug/l

RT: 4.18 min Scan# 426

Delta R.T. -0.01 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 27903

Ion Ratio Lower Upper

76 100

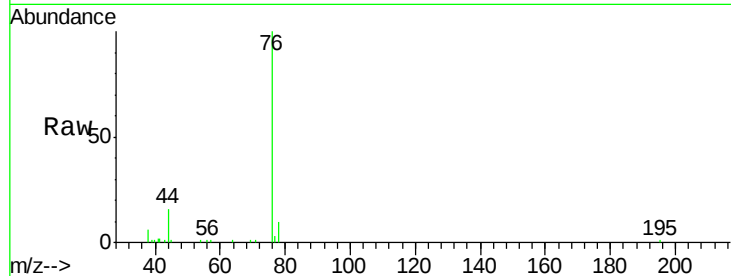
78 9.5 7.2 10.8

Manual Integrations

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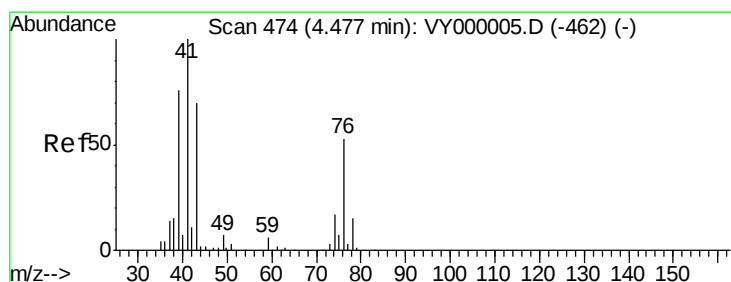
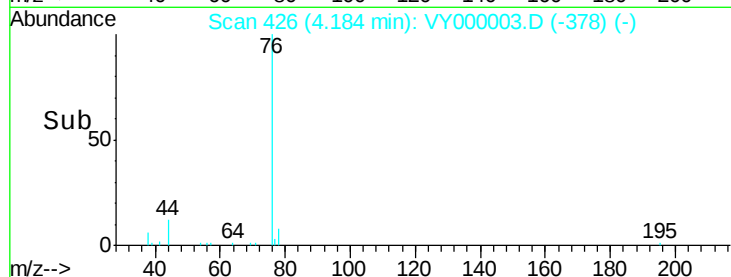
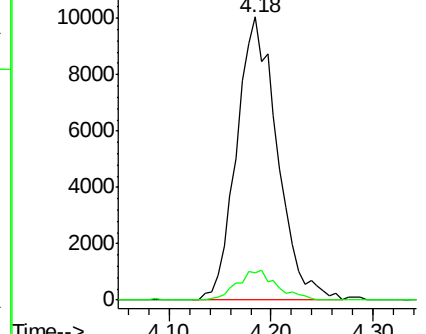
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 11.480 ug/l

RT: 4.48 min Scan# 475

Delta R.T. 0.01 min

Lab File: VY000003.D

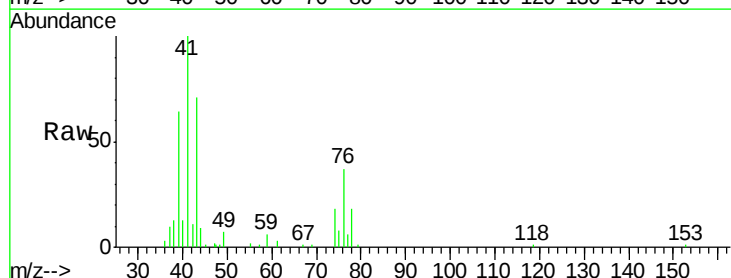
Acq: 11 Sep 2019 16:54

Tgt Ion: 43 Resp: 12900

Ion Ratio Lower Upper

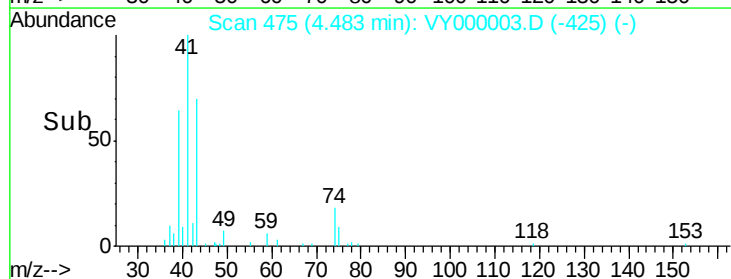
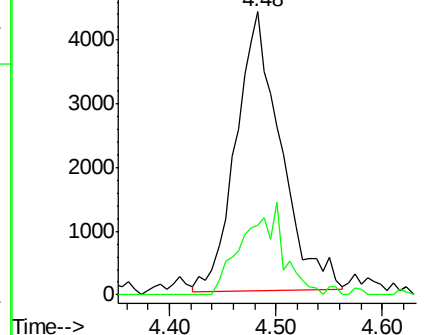
43 100

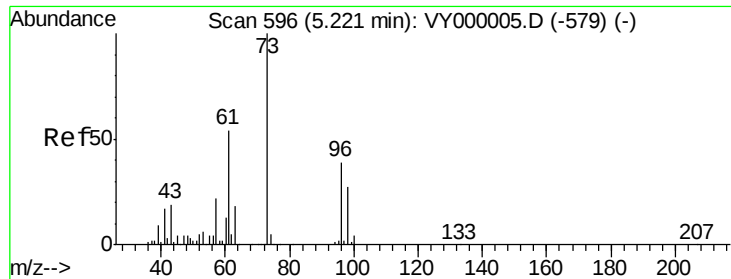
74 29.6 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





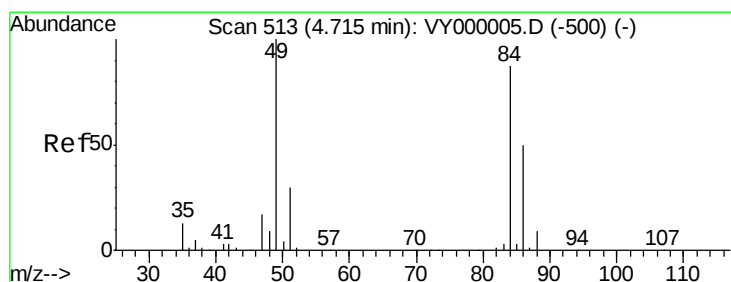
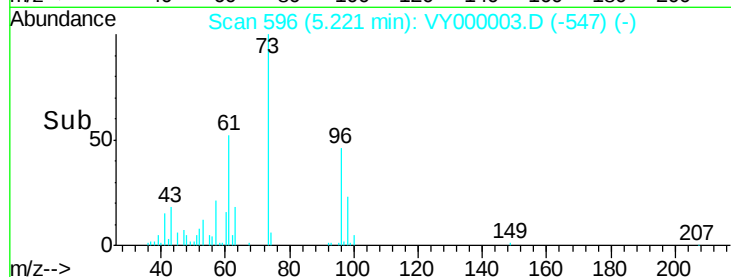
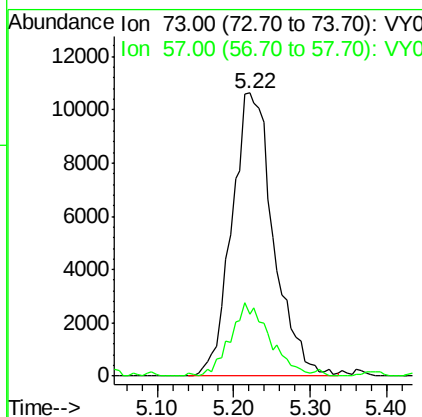
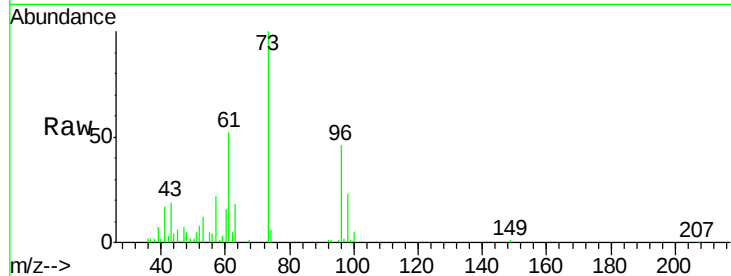
#19
Methyl tert-butyl Ether
Concen: 14.606 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 73 Resp: 40182
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.4

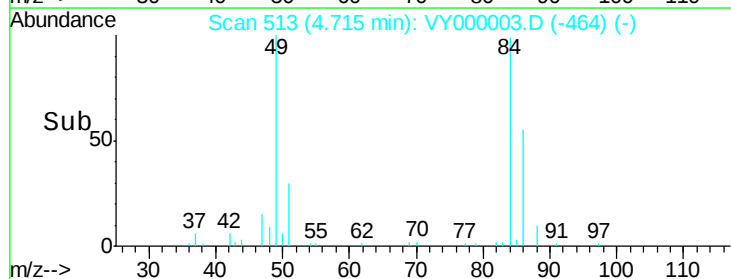
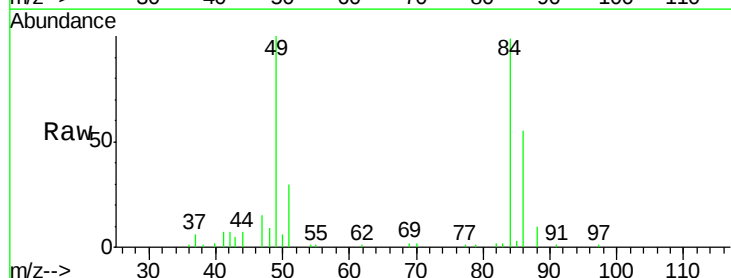
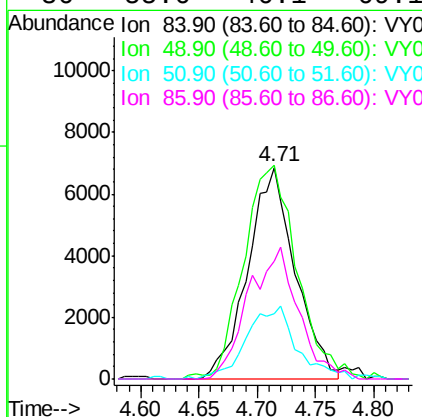
Manual Integrations
APPROVED

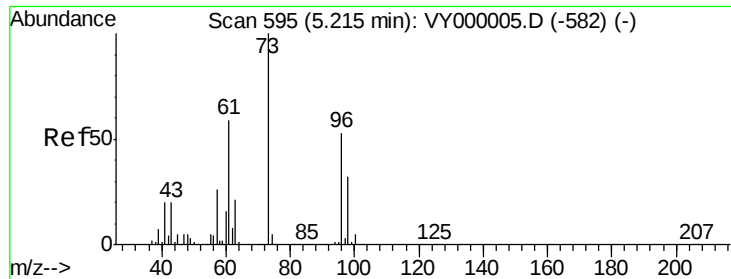
MMDadoda
9/13/2019 11:51:28 PM



#20
Methylene Chloride
Concen: 12.907 ug/l
RT: 4.71 min Scan# 513
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Tgt Ion: 84 Resp: 19470
Ion Ratio Lower Upper
84 100
49 99.4 91.7 137.5
51 29.6 28.0 42.0
86 55.6 46.1 69.1





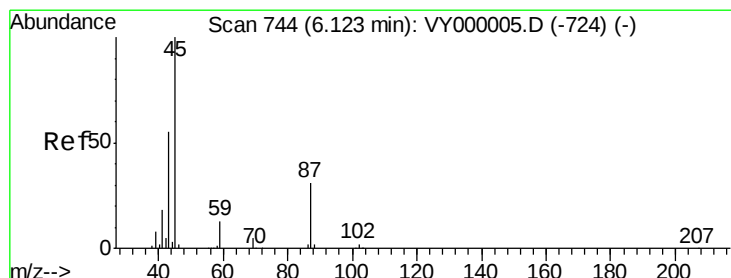
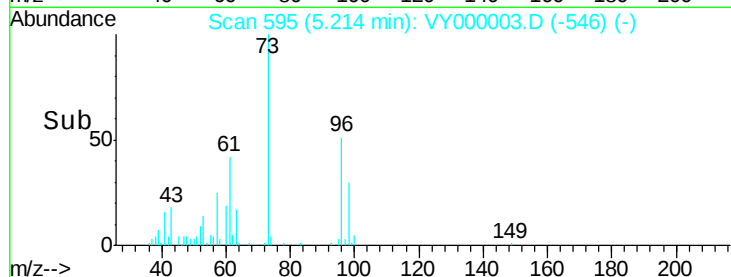
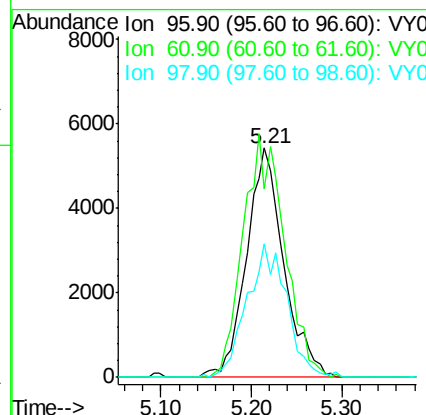
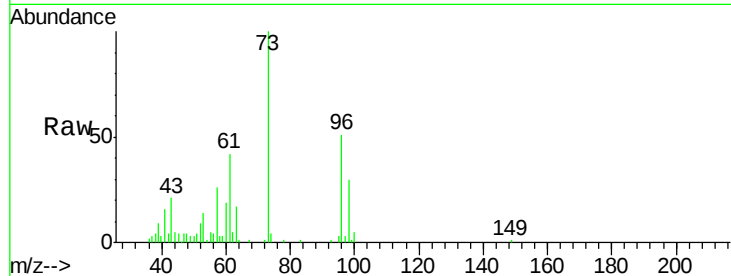
#21
trans-1,2-Dichloroethene
Concen: 11.611 ug/l
RT: 5.21 min Scan# 595
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	82.4	89.4	134.2#
98	58.4	48.6	73.0

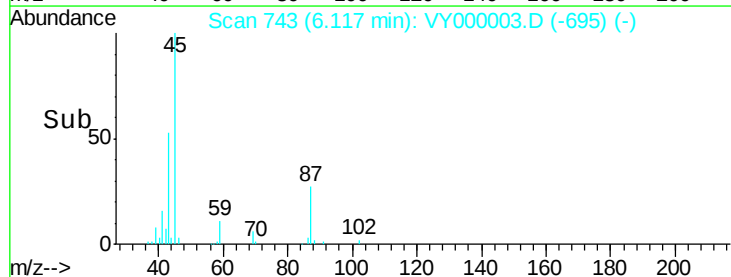
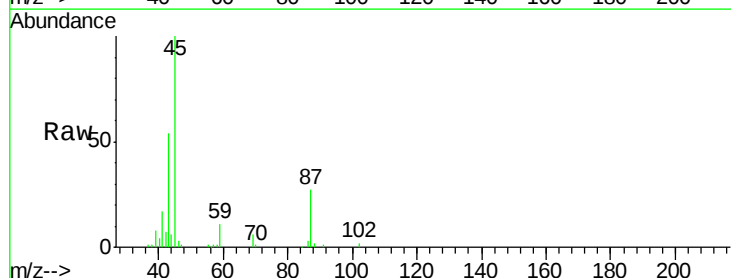
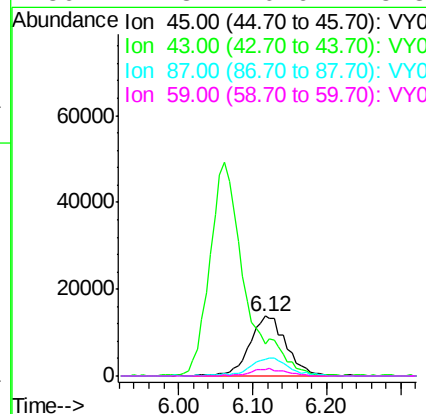
Manual Integrations
APPROVED

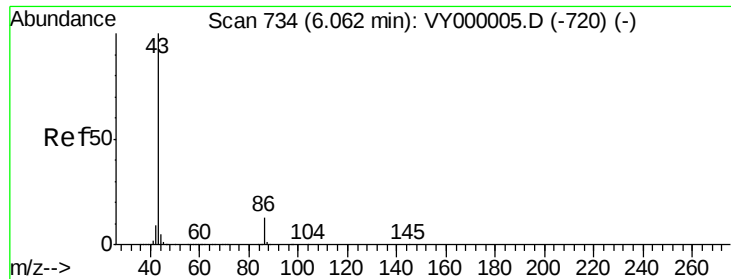
MMDadoda
9/13/2019 11:51:28 PM



#22
Diisopropyl ether
Concen: 9.309 ug/l
RT: 6.12 min Scan# 743
Delta R.T. -0.01 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.5	45.2	67.8
87	26.9	25.3	37.9
59	11.3	10.6	15.8





#23

Vinyl Acetate

Concen: 49.450 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Tot Ion: 43 Resp: 160953

Ion Ratio Lower Upper

43 100

86 11.4 10.3 15.5

Instrument :

MSVOA_Y

ClientSampled :

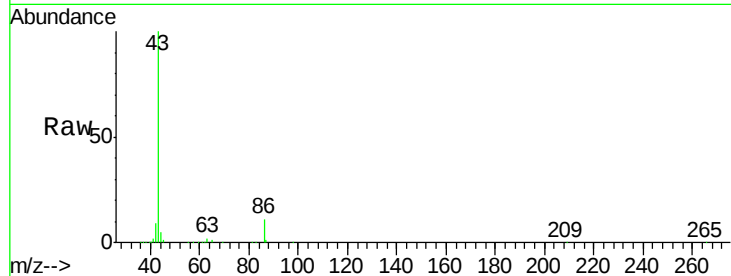
VSTDIC010

Manual Integrations

APPROVED

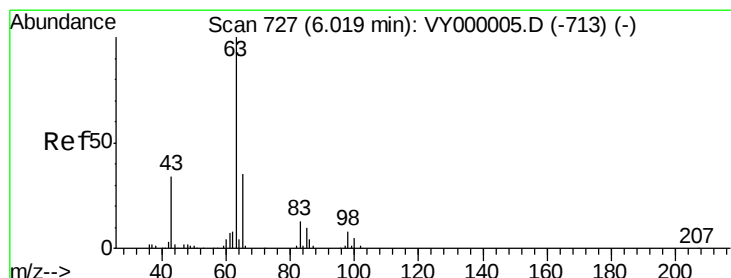
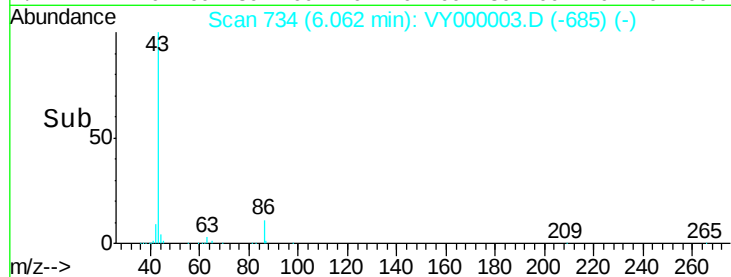
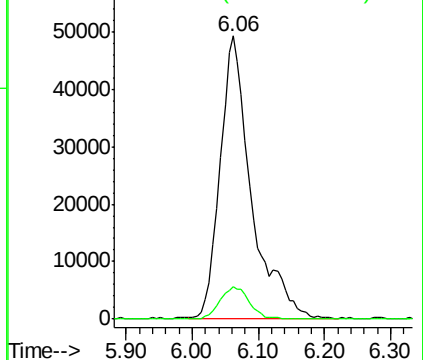
MMDadoda

9/13/2019 11:51:28 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 10.486 ug/l

RT: 6.02 min Scan# 727

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

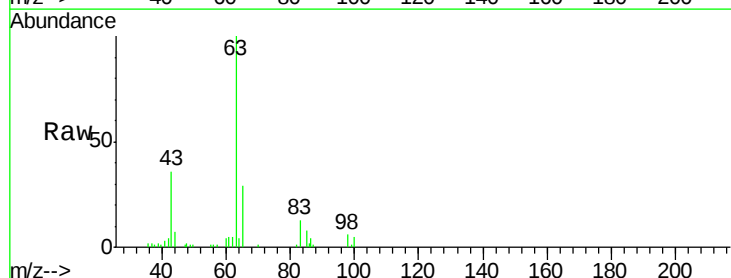
Tgt Ion: 63 Resp: 29196

Ion Ratio Lower Upper

63 100

98 6.2 4.0 12.0

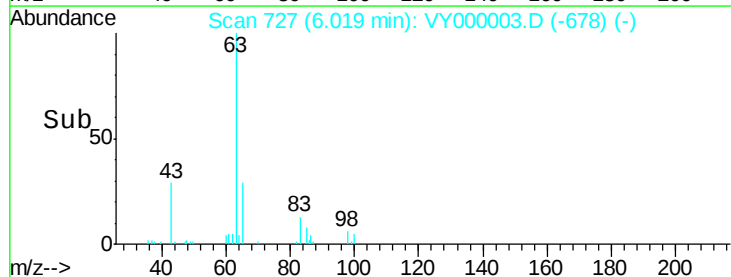
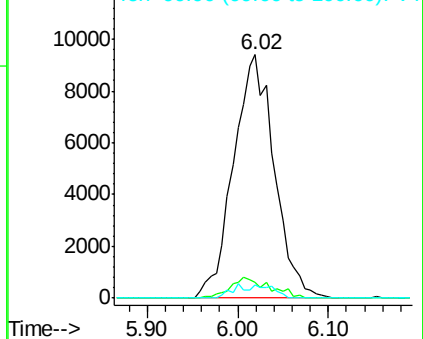
100 5.5 2.5 7.5

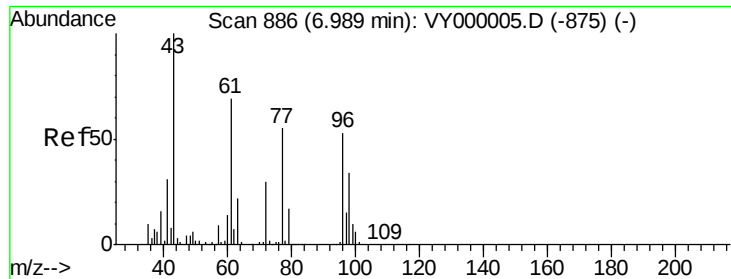


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 57.163 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 35840

Ion Ratio Lower Upper

43 100

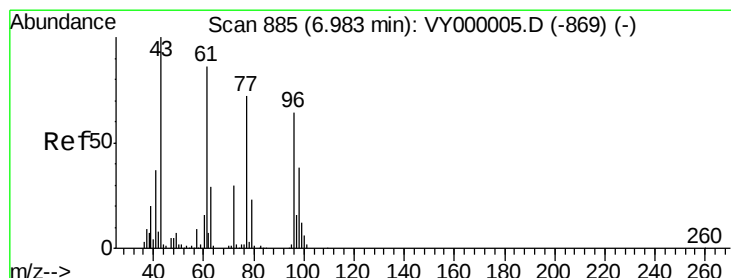
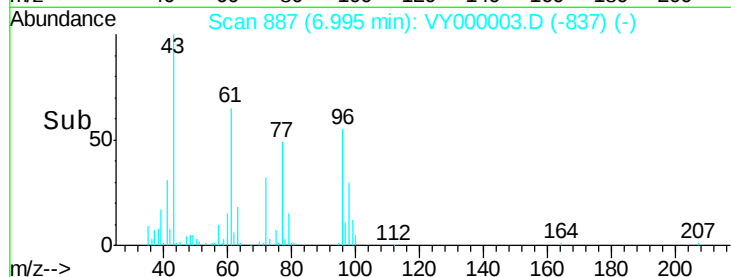
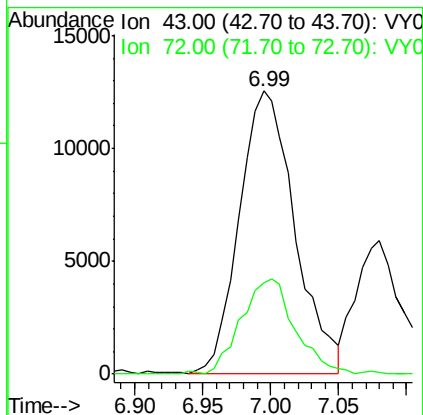
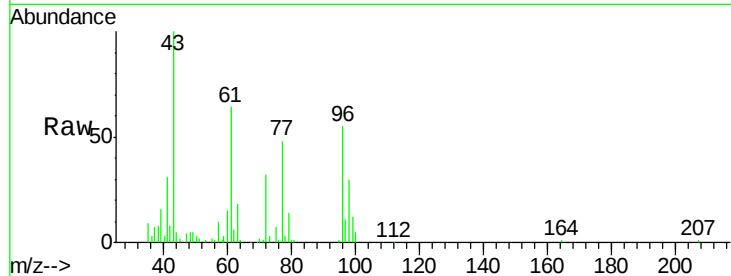
72 31.2 24.2 36.2

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#26

2,2-Dichloropropane

Concen: 13.352 ug/l

RT: 6.98 min Scan# 884

Delta R.T. -0.01 min

Lab File: VY000003.D

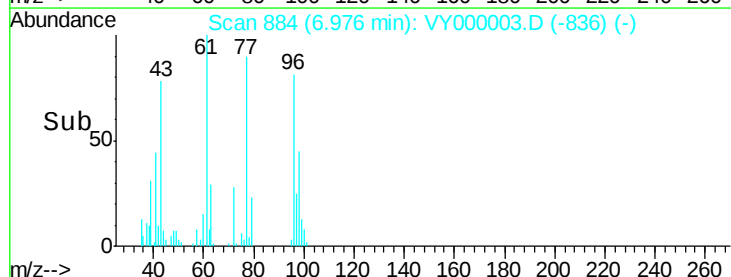
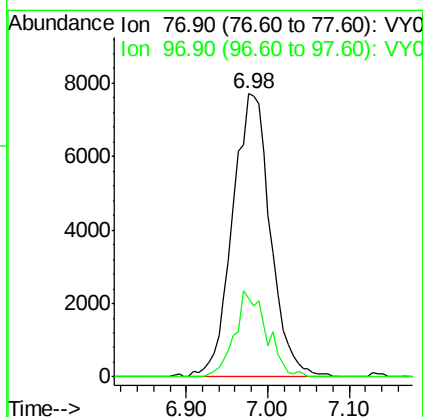
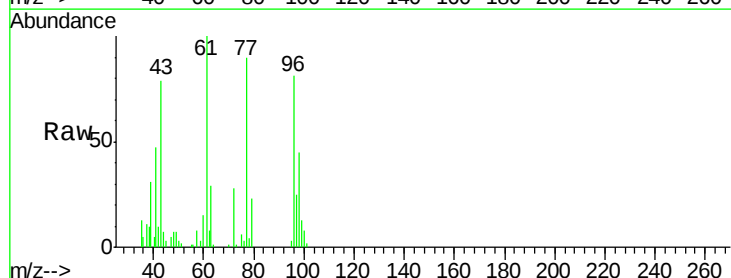
Acq: 11 Sep 2019 16:54

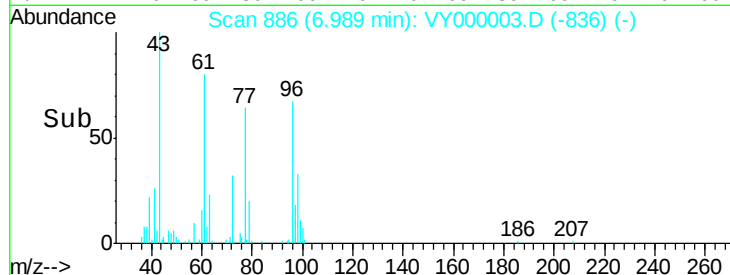
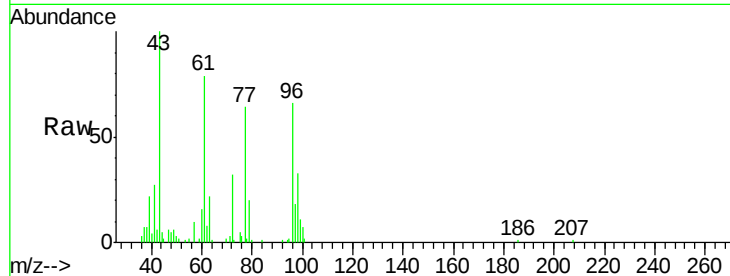
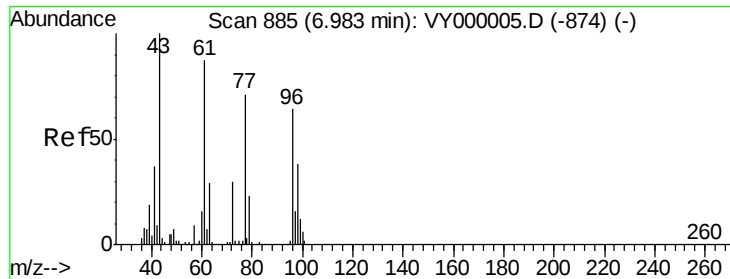
Tgt Ion: 77 Resp: 24826

Ion Ratio Lower Upper

77 100

97 25.6 12.6 37.6





#27

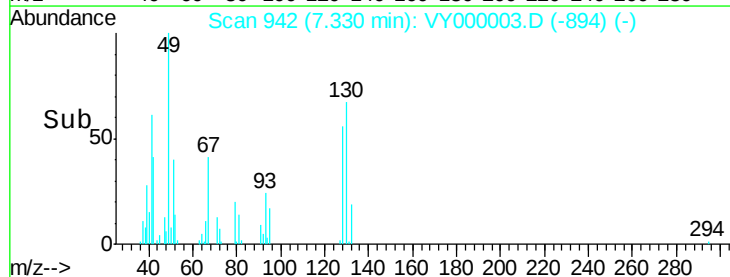
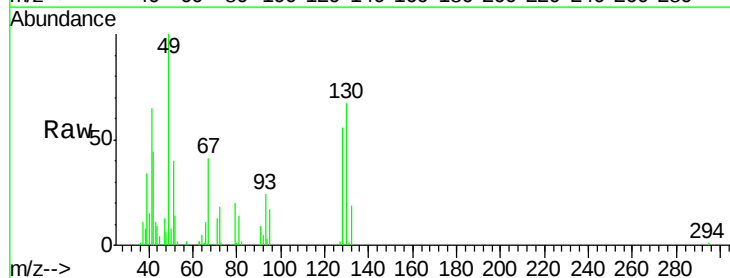
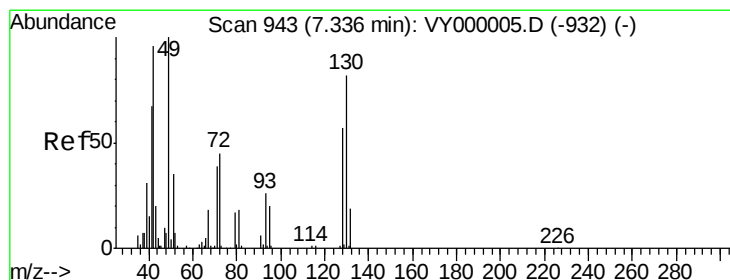
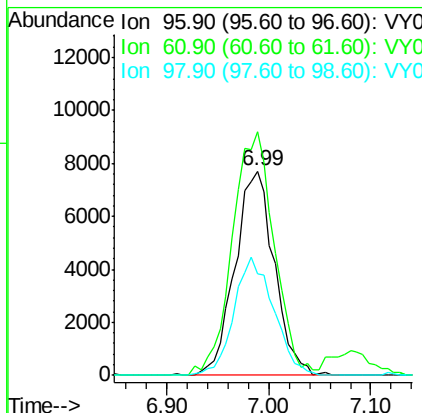
cis-1,2-Dichloroethene
Concen: 13.175 ug/l
RT: 6.99 min Scan# 886
Delta R.T. 0.01 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	126.5	0.0	259.0	
98	58.3	0.0	129.8	

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

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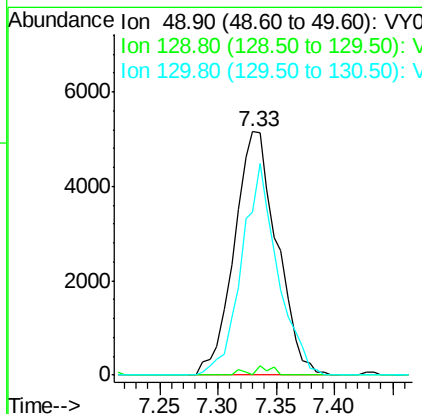
MMDadoda
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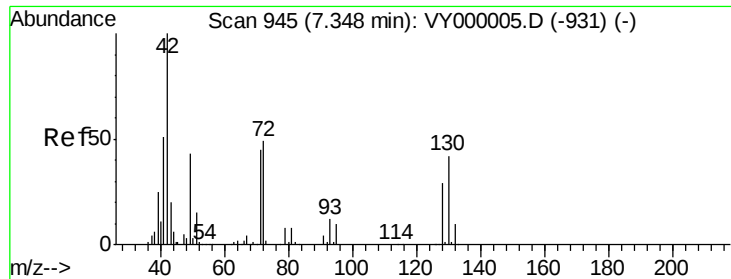


#28

Bromochloromethane
Concen: 10.137 ug/l
RT: 7.33 min Scan# 942
Delta R.T. -0.01 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.3	0.0	4.6	
130	73.3	65.3	97.9	





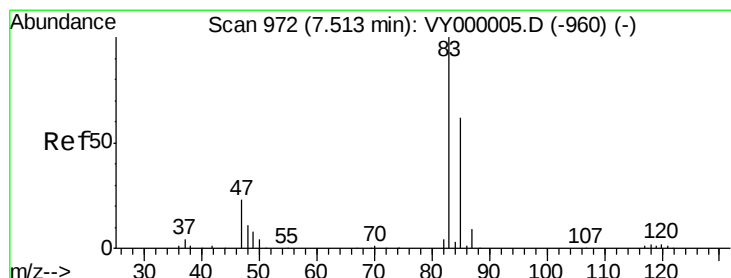
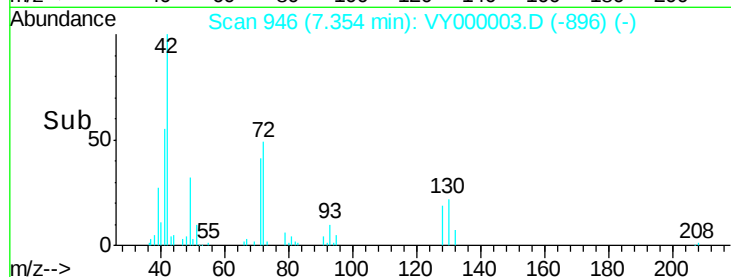
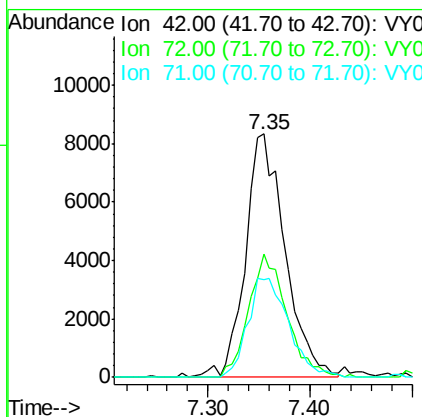
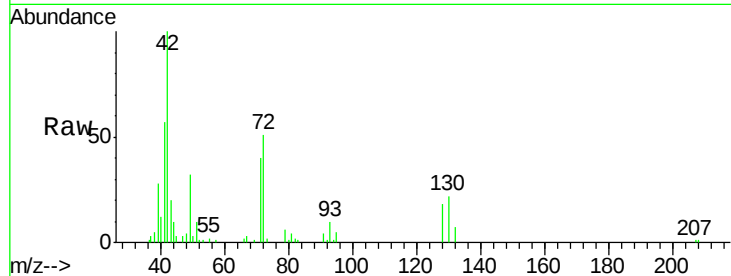
#29
Tetrahydrofuran
Concen: 58.321 ug/l
RT: 7.35 min Scan# 946
Delta R.T. 0.01 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	39.2	58.8
71	42.3	36.4	54.6

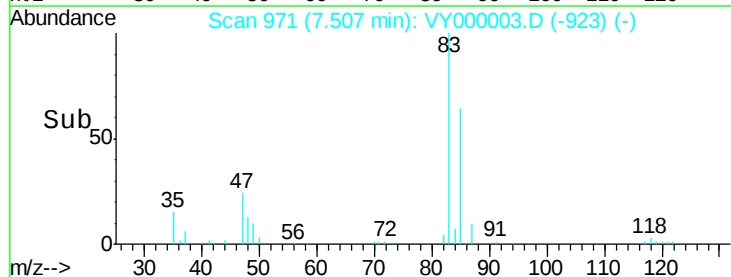
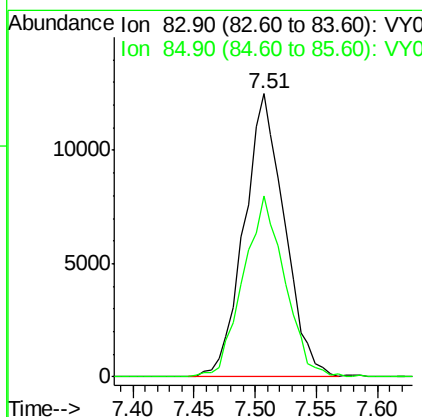
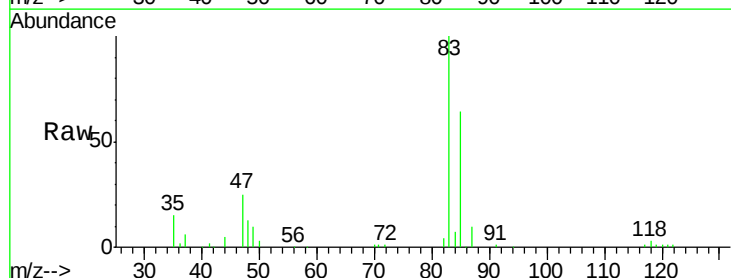
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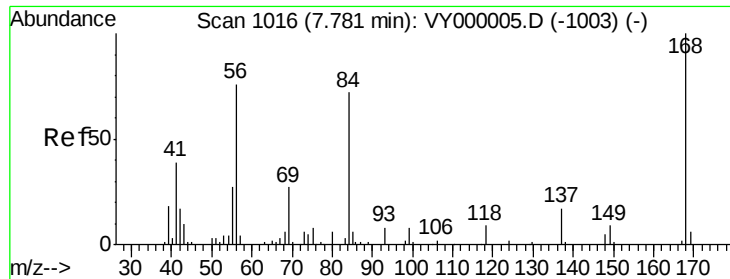
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#30
Chloroform
Concen: 10.267 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	49.4	74.0





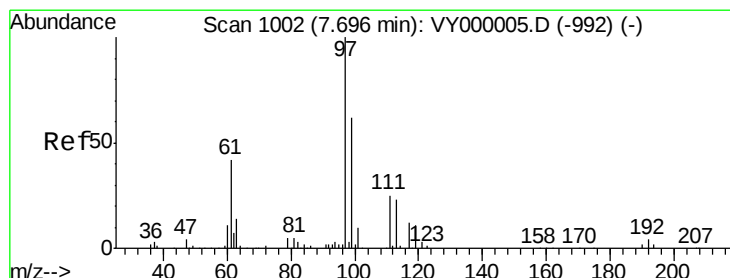
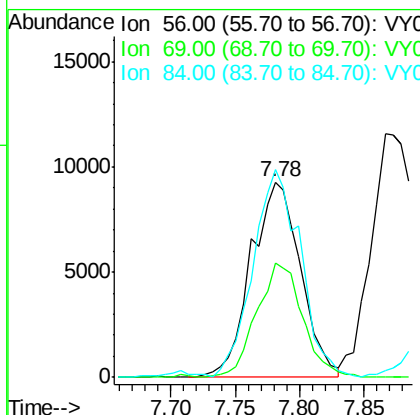
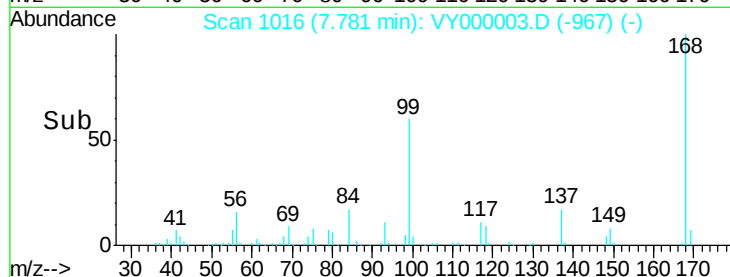
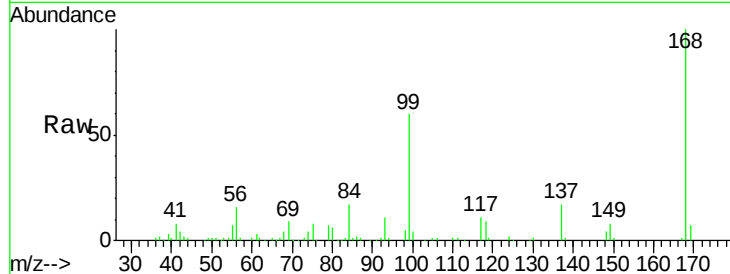
#31
Cyclohexane
Concen: 9.883 ug/l
RT: 7.78 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	56	69	84
Resp	24723		
Ratio	100	57.6	105.0
Lower		28.5	76.4
Upper		42.7#	114.6

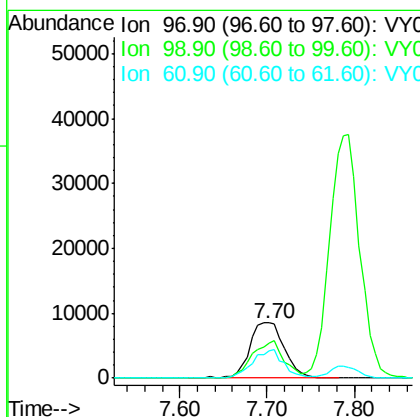
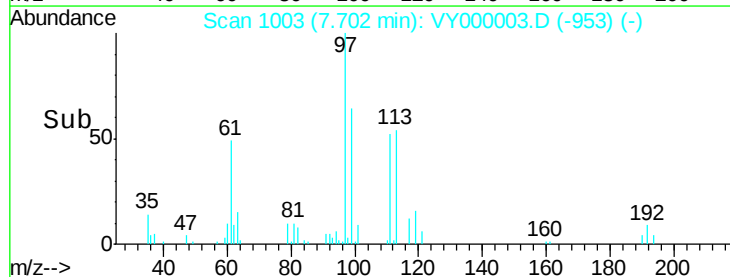
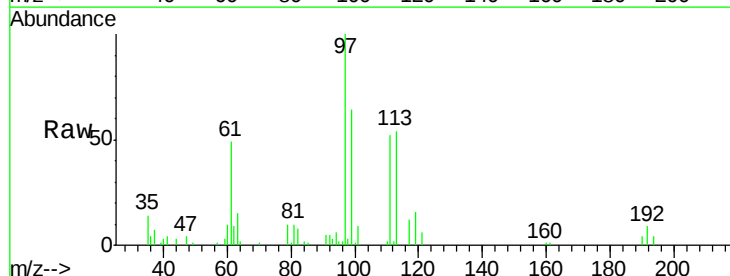
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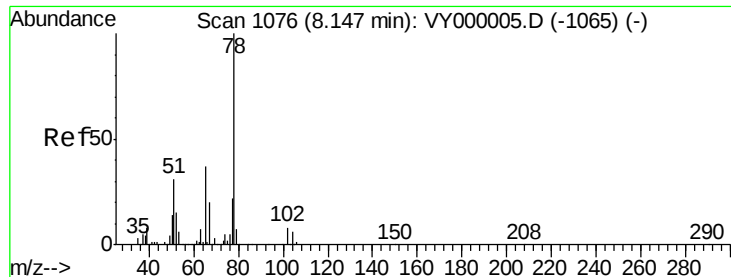
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#32
1,1,1-Trichloroethane
Concen: 10.309 ug/l
RT: 7.70 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Tgt Ion	97	99	61
Resp	23333		
Ratio	100	62.2	45.7
Lower		50.3	35.0
Upper		75.5	52.4





#33

1,2-Dichloroethane-d4

Concen: 9.600 ug/l

RT: 8.14 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 65 Resp: 16505

Ion Ratio Lower Upper

65 100

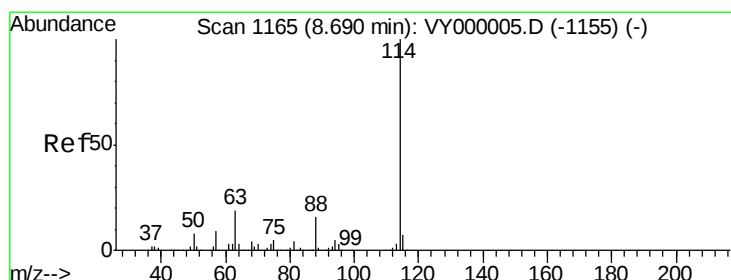
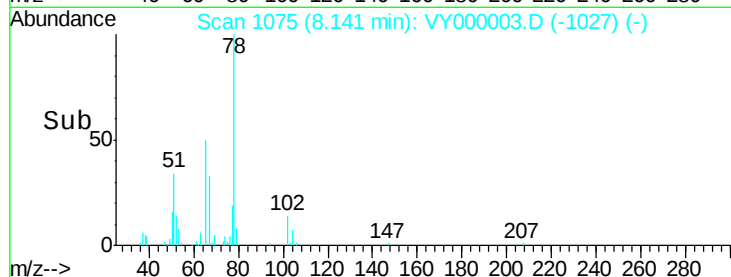
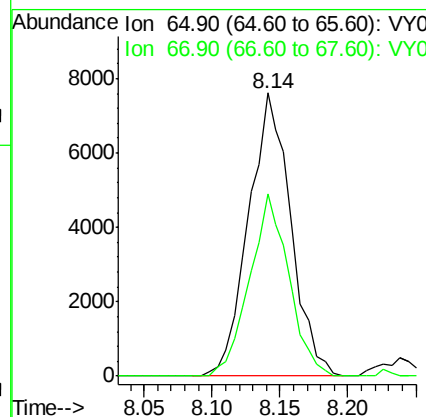
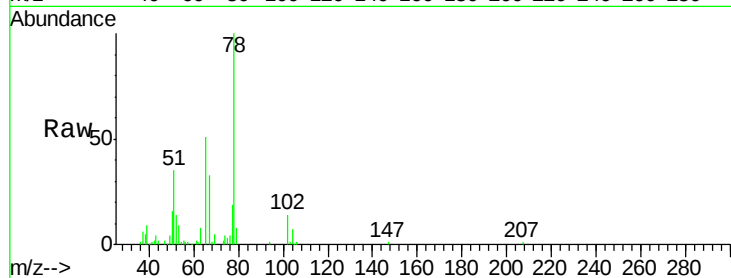
67 59.7 0.0 111.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

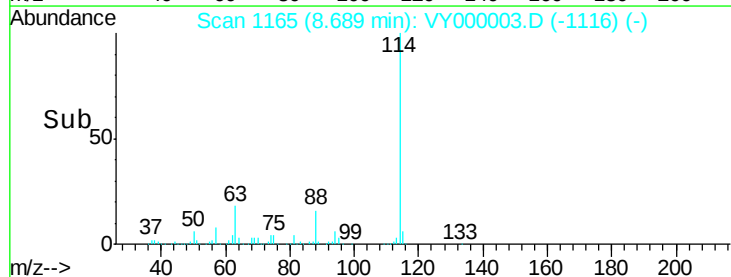
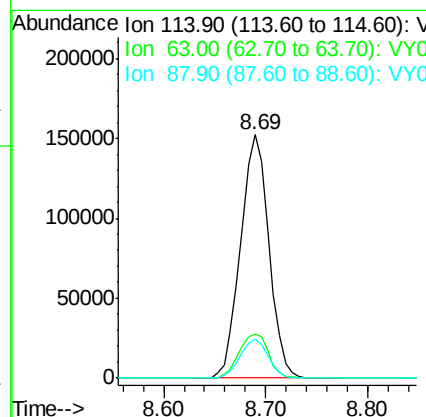
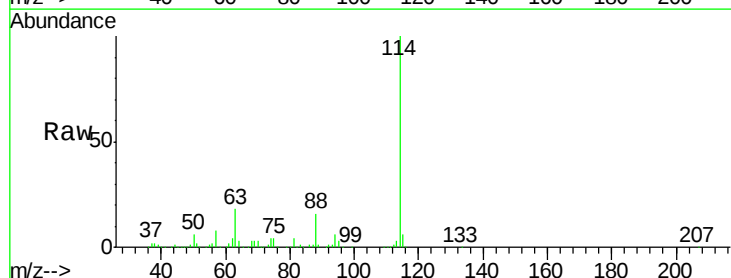
Tgt Ion: 114 Resp: 292218

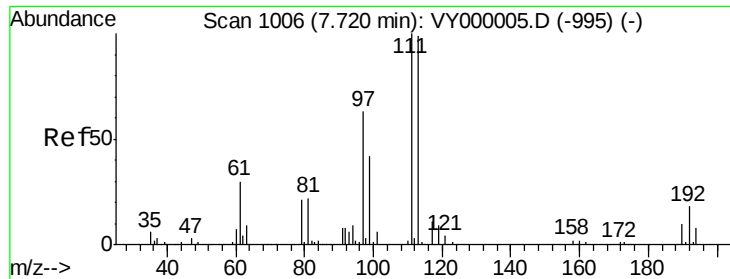
Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.4

88 15.9 0.0 32.6





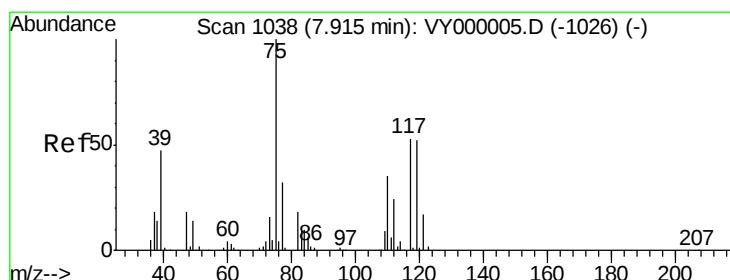
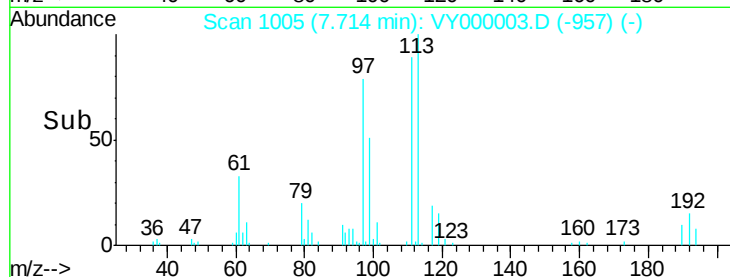
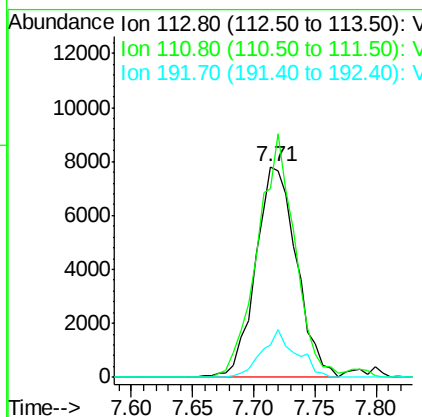
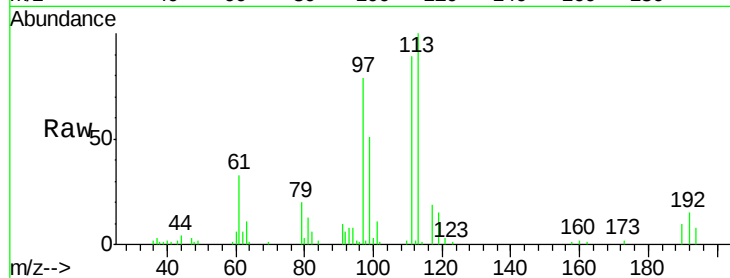
#35
 Dibromofluoromethane
 Concen: 10.562 ug/l
 RT: 7.71 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: VY000003.D
 Acq: 11 Sep 2019 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.7	81.6	122.4
192	18.9	15.2	22.8

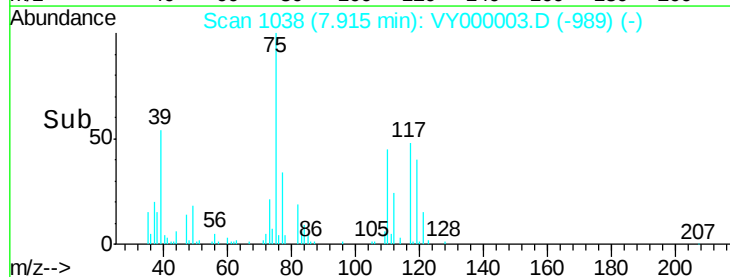
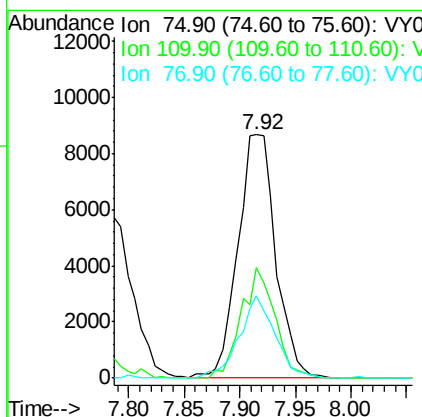
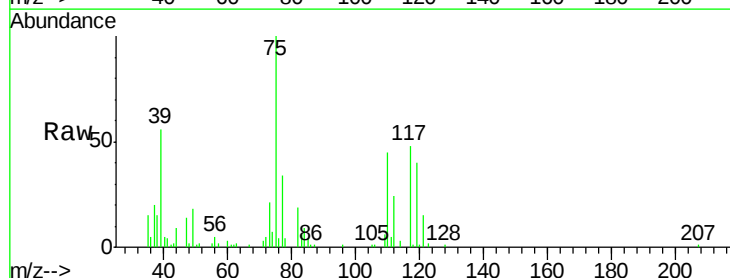
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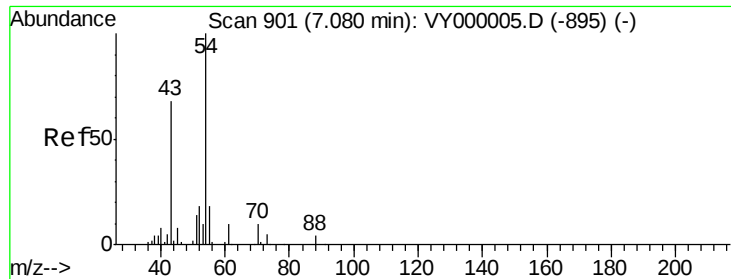
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#36
 1,1-Dichloropropene
 Concen: 8.279 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VY000003.D
 Acq: 11 Sep 2019 16:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.3	18.7	56.1
77	31.9	25.6	38.4





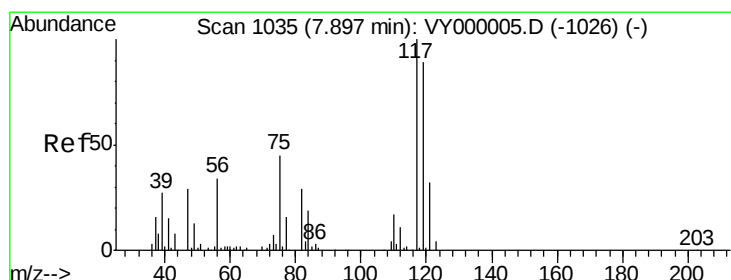
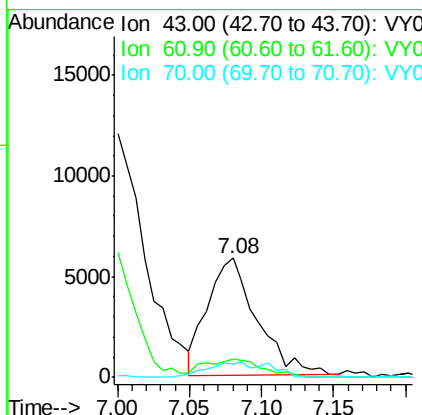
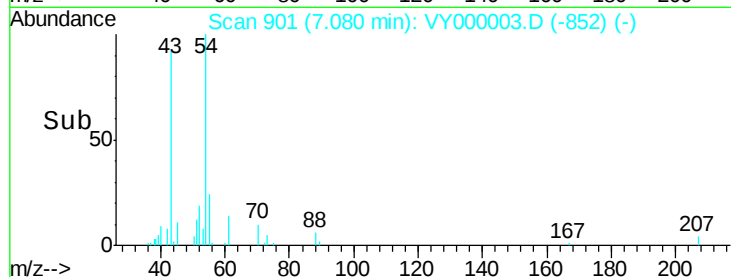
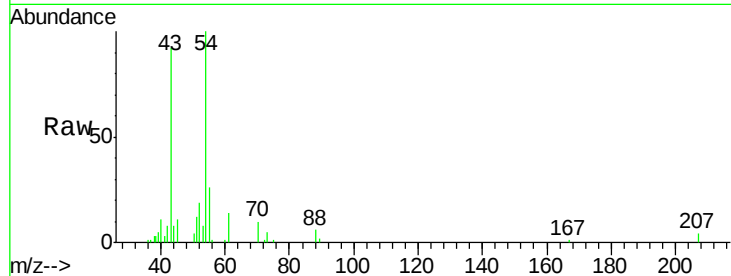
#37
Ethyl Acetate
Concen: 8.703 ug/l
RT: 7.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	13.0	19.4
70	12.7	11.0	16.4

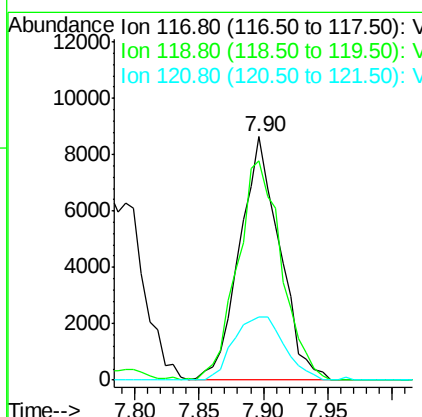
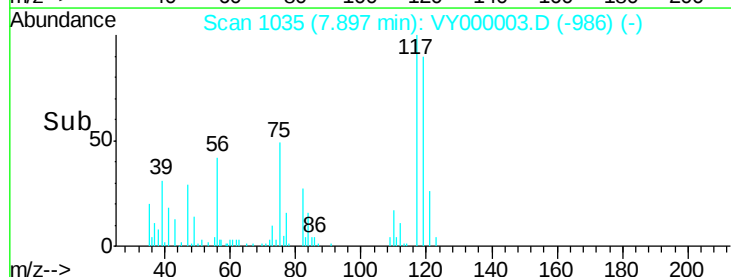
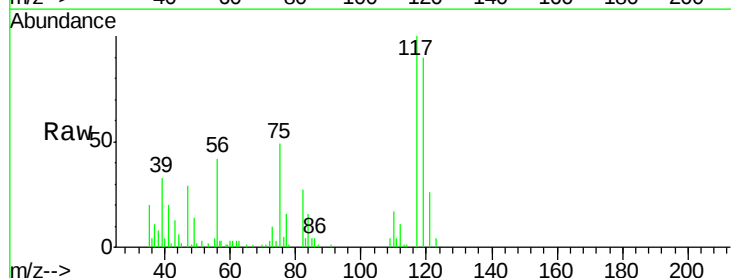
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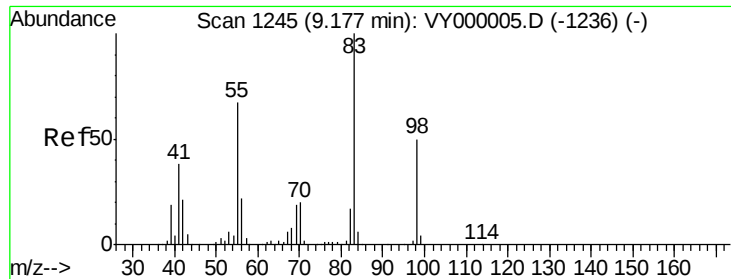
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#38
Carbon Tetrachloride
Concen: 7.685 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.2	71.5	107.3
121	26.0	25.3	37.9





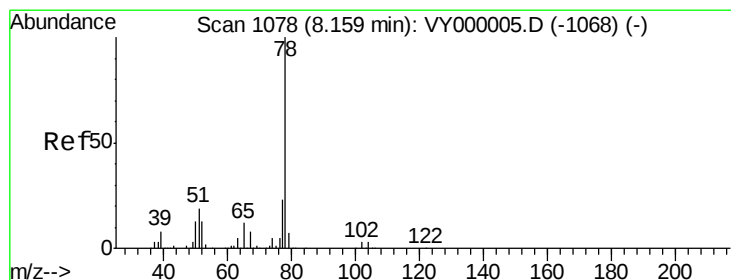
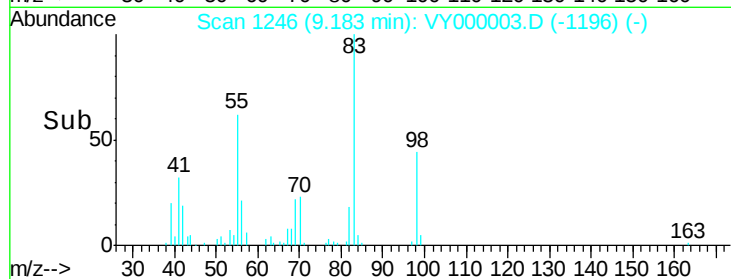
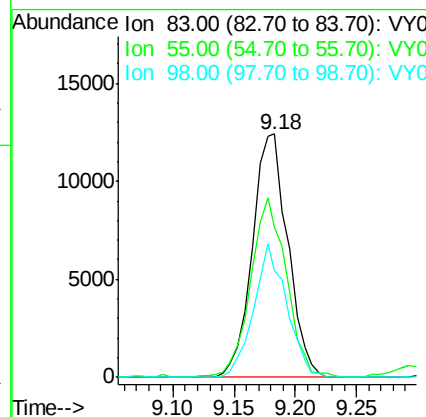
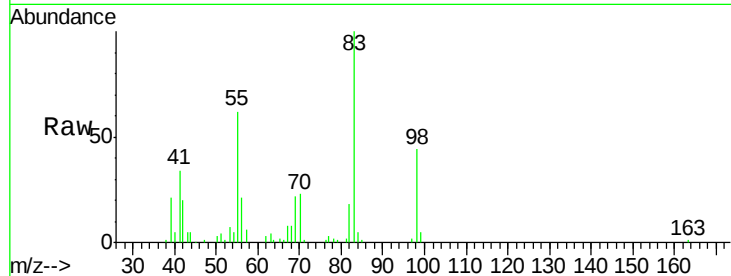
#39
Methvlcvclohexane
Concen: 8.890 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	61.7	53.8	80.6
98	43.9	40.0	60.0

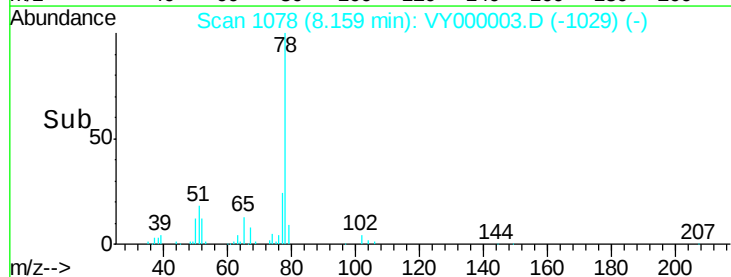
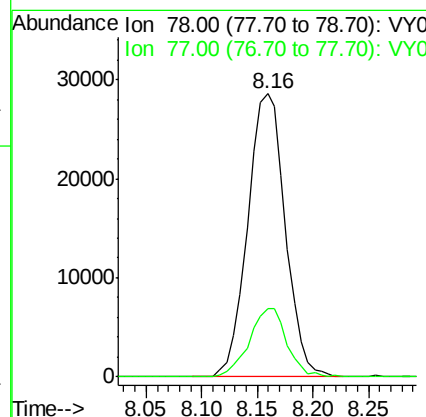
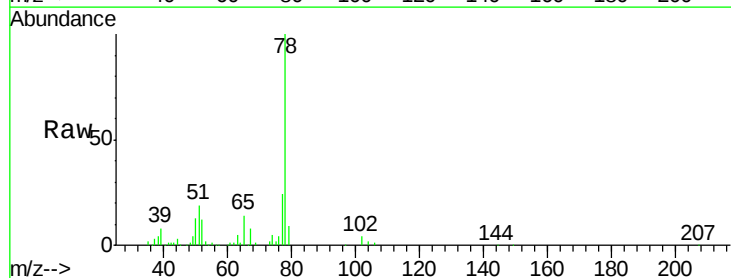
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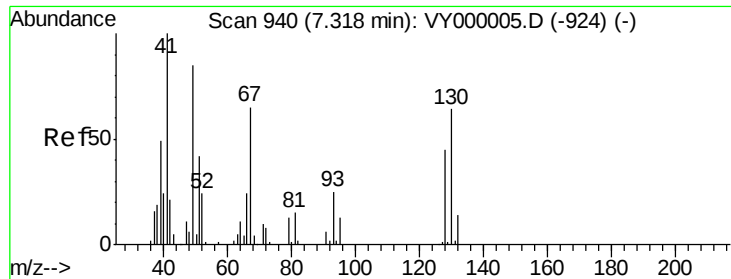
MMDadoda
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#40
Benzene
Concen: 9.512 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.0	27.0





#41

Methacrylonitrile

Concen: 9.762 ug/l

RT: 7.31 min Scan# 939

Delta R.T. -0.01 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 41 Resp: 9113

Ion Ratio Lower Upper

41 100

39 59.4 48.4 72.6

67 80.4 76.3 114.5

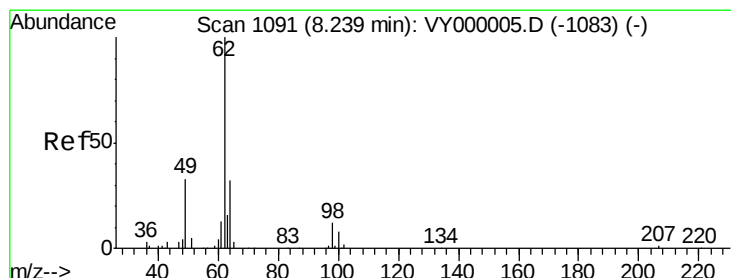
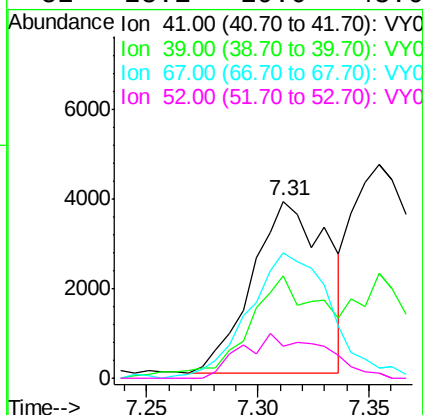
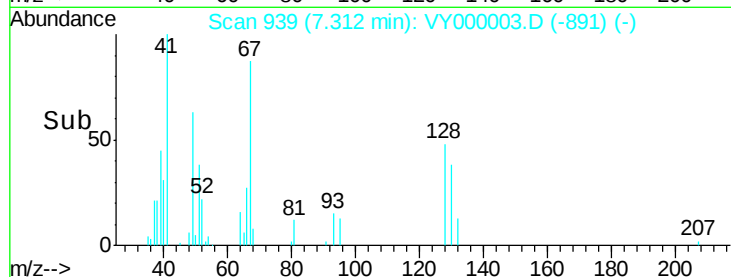
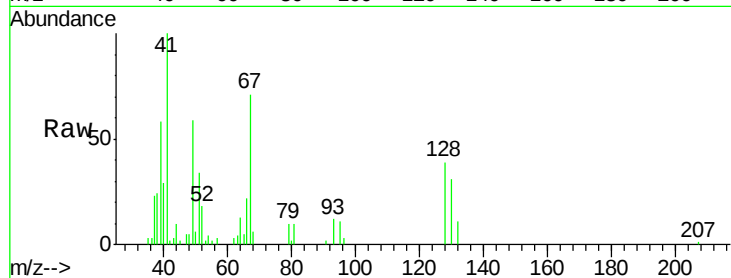
52 28.1 29.0 43.6#

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 7.568 ug/l

RT: 8.24 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VY000003.D

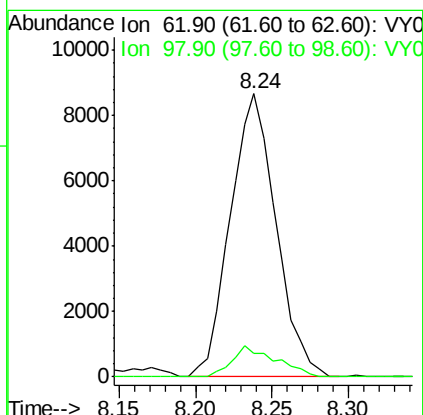
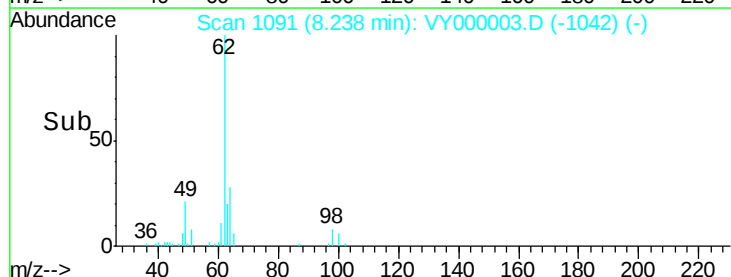
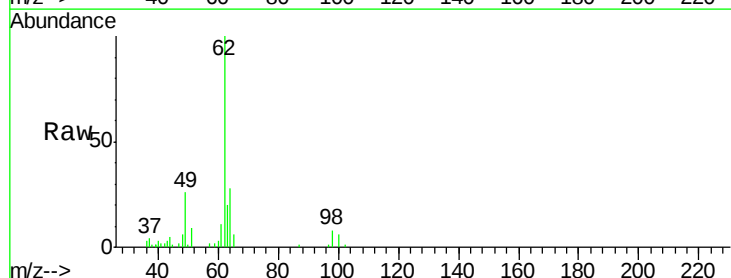
Acq: 11 Sep 2019 16:54

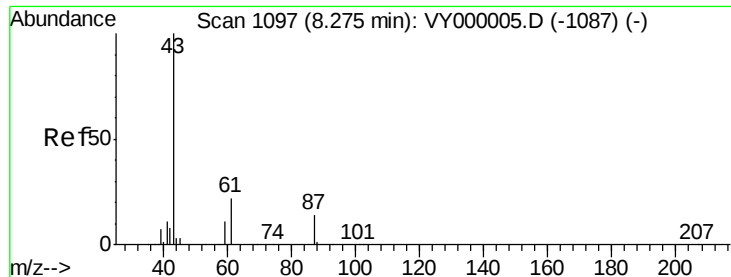
Tgt Ion: 62 Resp: 17953

Ion Ratio Lower Upper

62 100

98 10.4 0.0 24.2





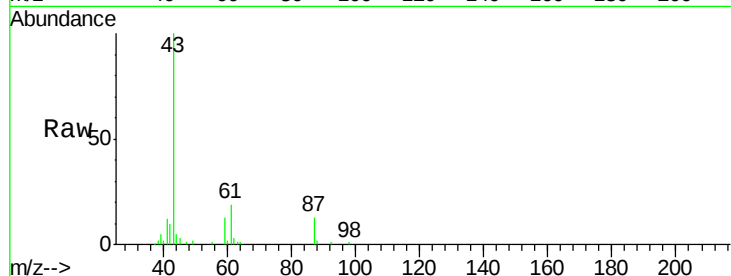
#43
Isopropyl Acetate
Concen: 9.006 ug/l
RT: 8.27 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

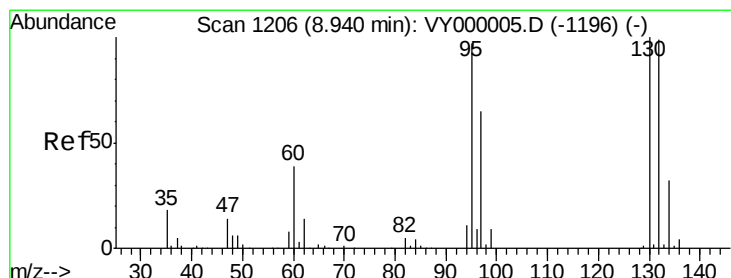
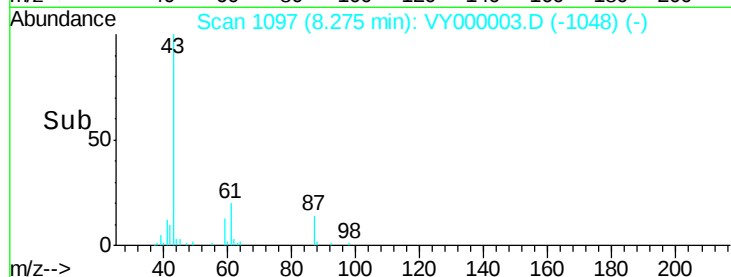
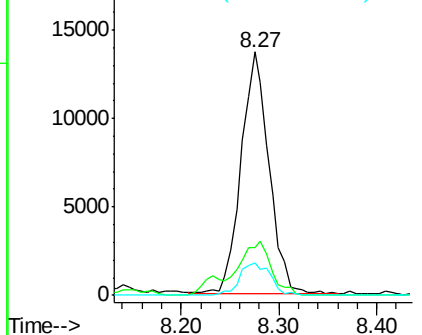
Tot Ion	Ratio	Lower	Upper
43	100		
61	24.3	25.2	37.8#
87	14.8	12.6	18.8

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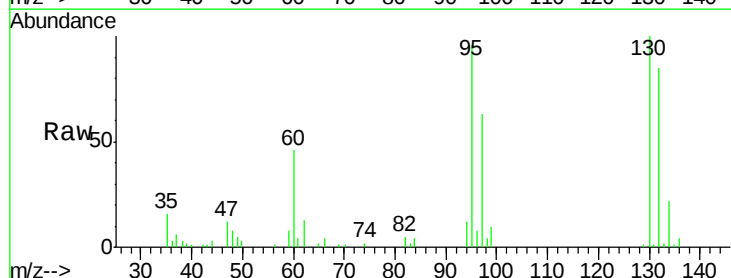


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

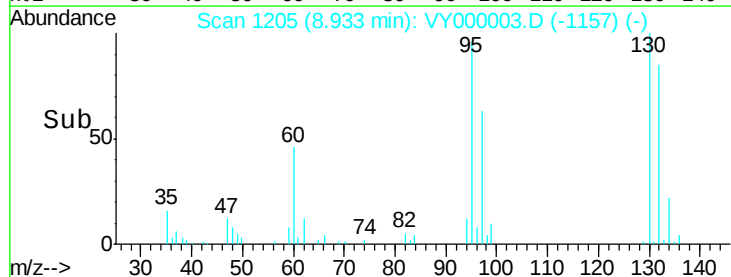
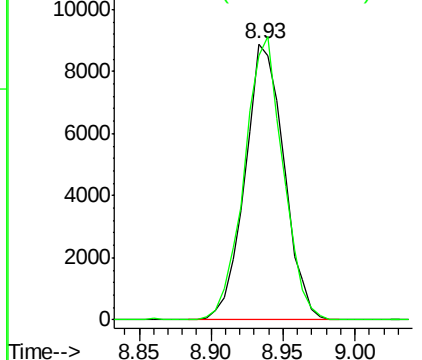


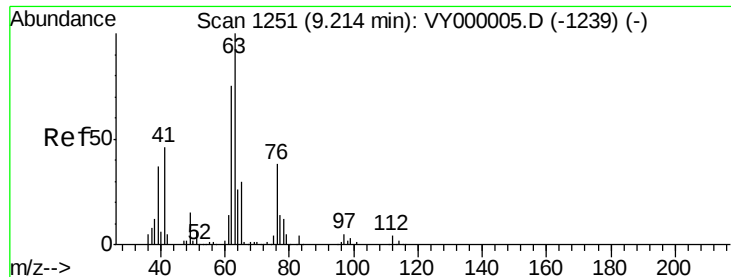
#44
Trichloroethene
Concen: 9.159 ug/l
RT: 8.93 min Scan# 1205
Delta R.T. -0.01 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	194.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 9.031 ug/l

RT: 9.21 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 63 Resp: 17510

Ion Ratio Lower Upper

63 100

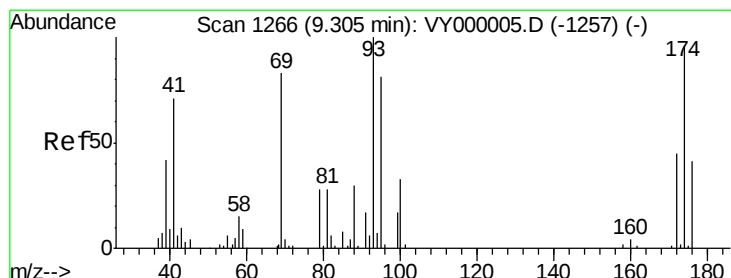
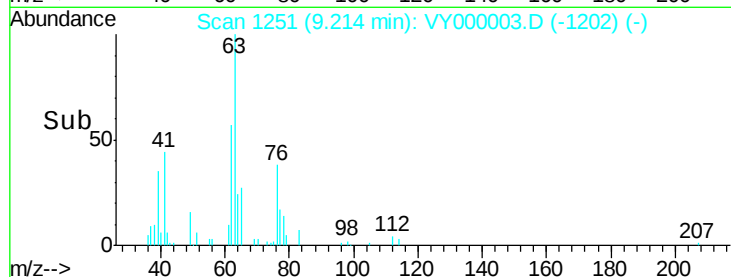
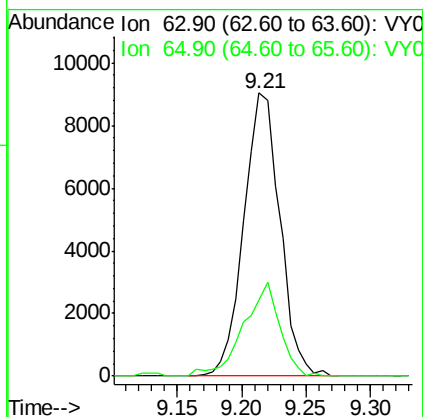
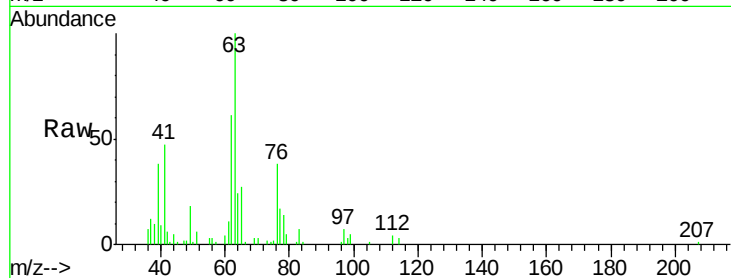
65 26.7 24.3 36.5

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#46

Dibromomethane

Concen: 9.909 ug/l

RT: 9.30 min Scan# 1265

Delta R.T. -0.01 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

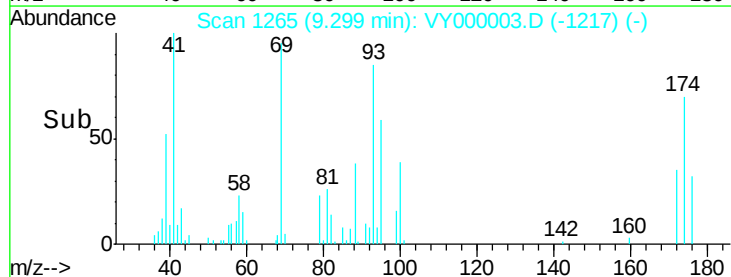
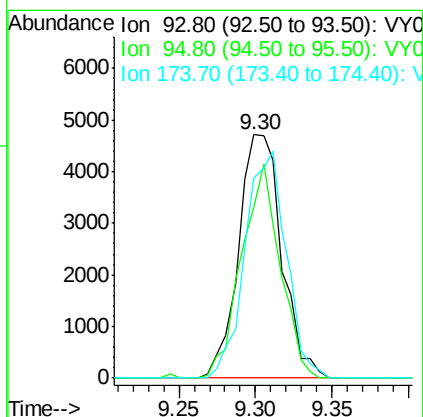
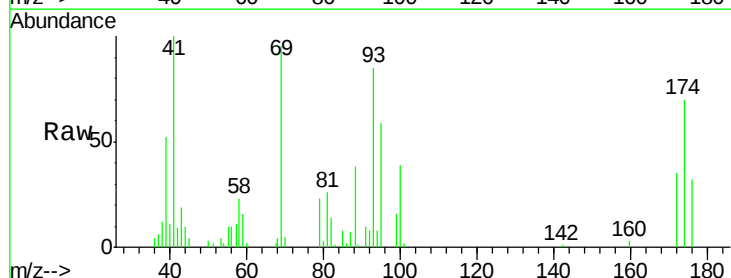
Tgt Ion: 93 Resp: 9246

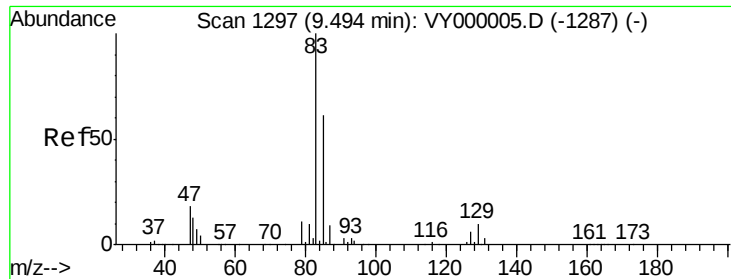
Ion Ratio Lower Upper

93 100

95 78.7 68.1 102.1

174 88.8 72.8 109.2





#47

Bromodichloromethane

Concen: 8.688 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

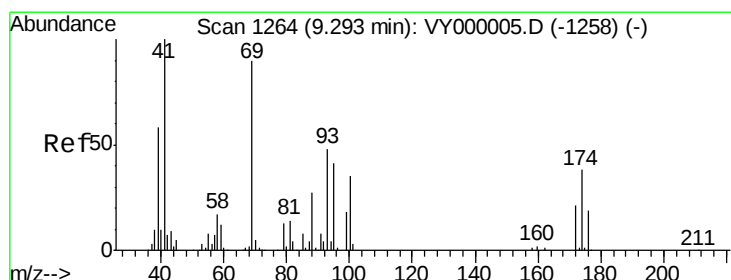
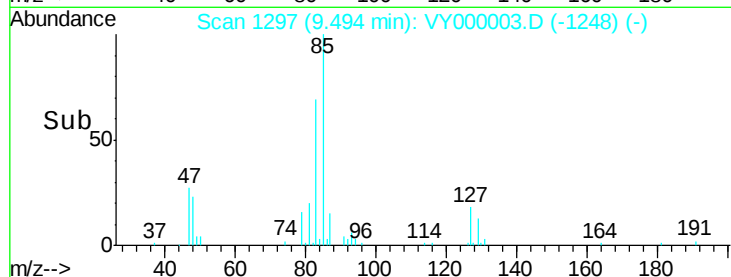
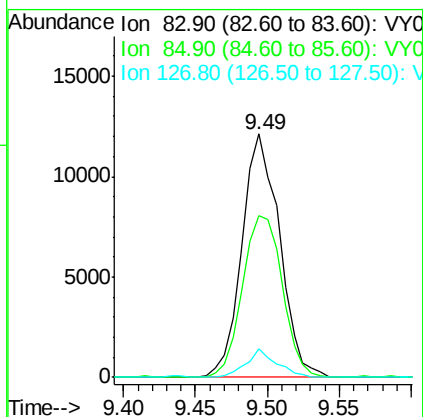
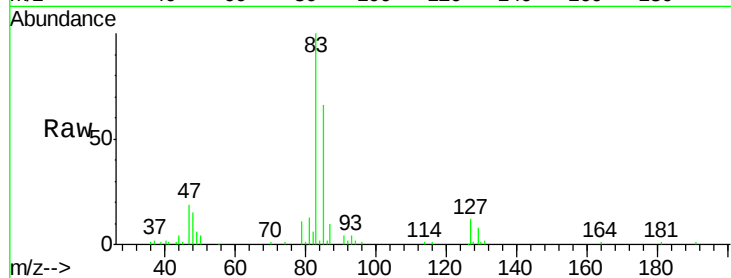
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	21861
Ion	Ratio	Lower	Upper
83	100		
85	66.3	49.2	73.8
127	11.9	5.0	7.6#

Manual Integrations
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#48

Methyl methacrylate

Concen: 7.908 ug/l

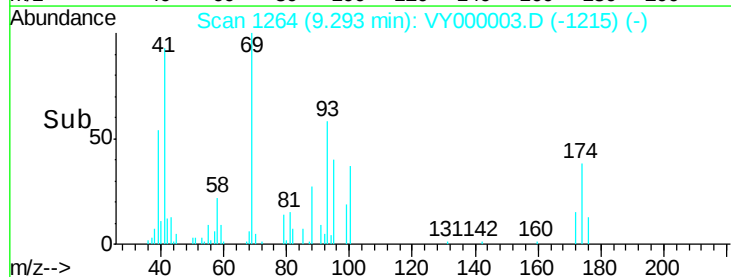
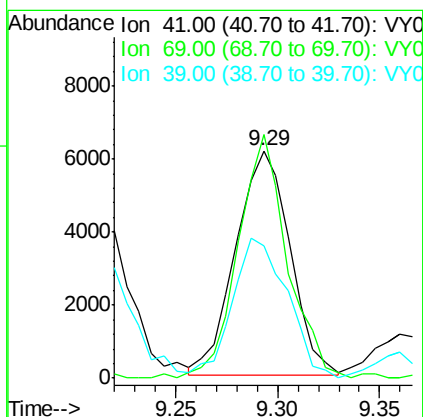
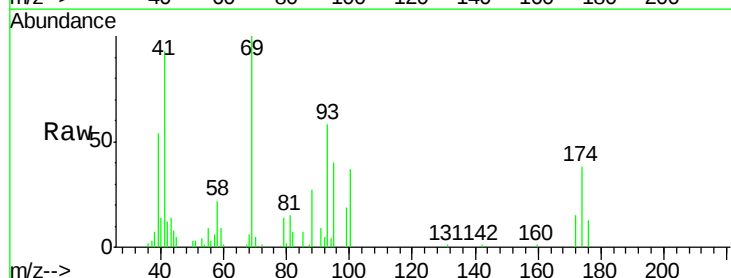
RT: 9.29 min Scan# 1264

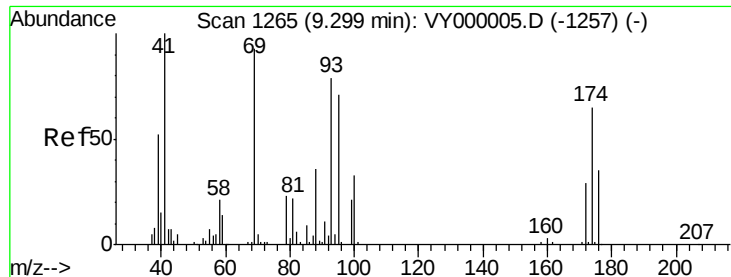
Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Tgt Ion:	41	Resp:	11362
Ion	Ratio	Lower	Upper
41	100		
69	98.2	77.4	116.2
39	62.9	47.4	71.2





#49

1,4-Dioxane

Concen: 208.449 ug/l

RT: 9.30 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

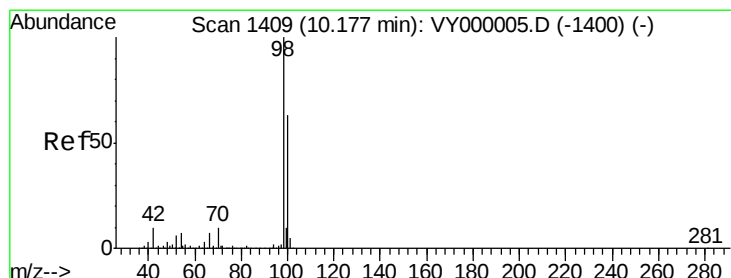
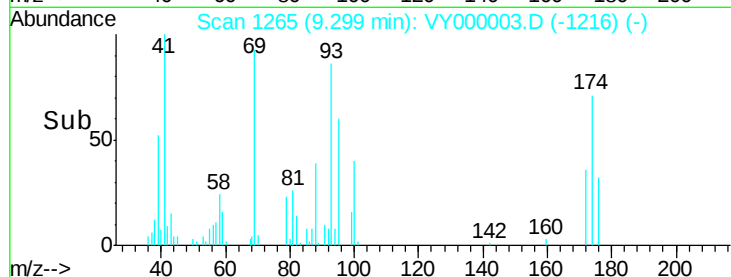
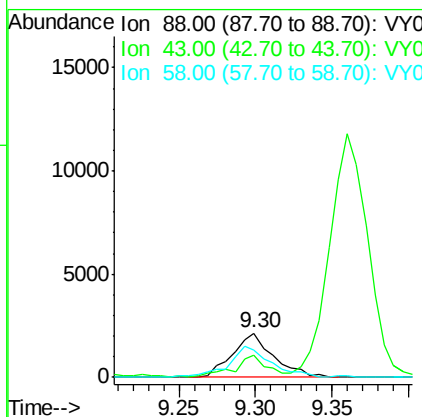
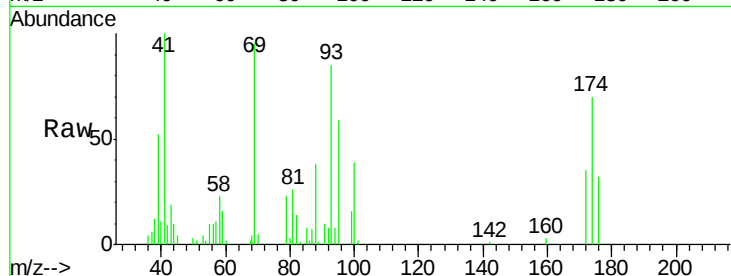
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.1	23.4	35.2#
58	71.9	46.1	69.1#

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#50

Toluene-d8

Concen: 9.887 ug/l

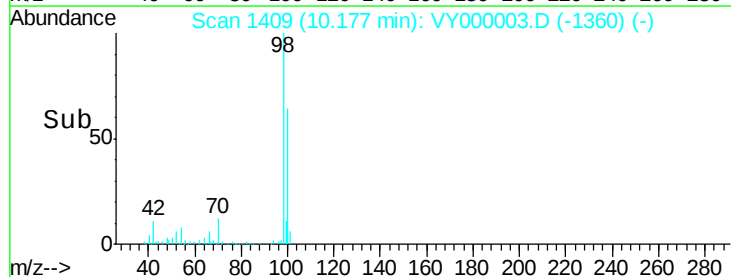
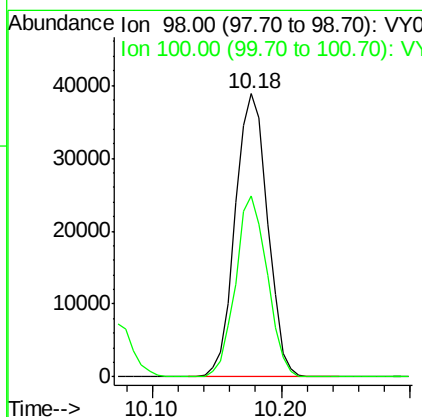
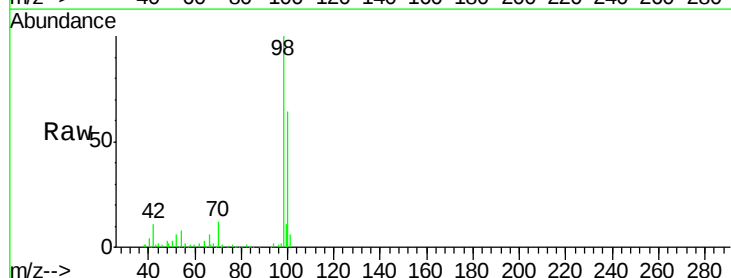
RT: 10.18 min Scan# 1409

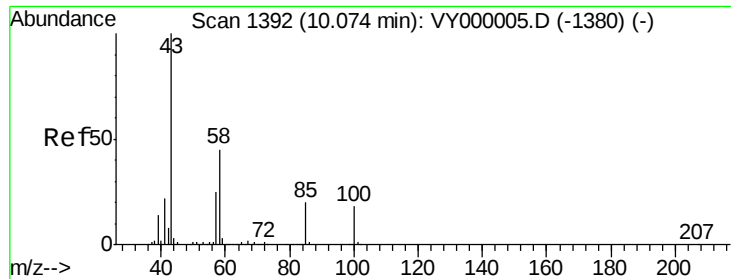
Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.6	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 46.352 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampleID :

VSTDIC010

Tot Ion: 43 Resp: 73971

Ion Ratio Lower Upper

43 100

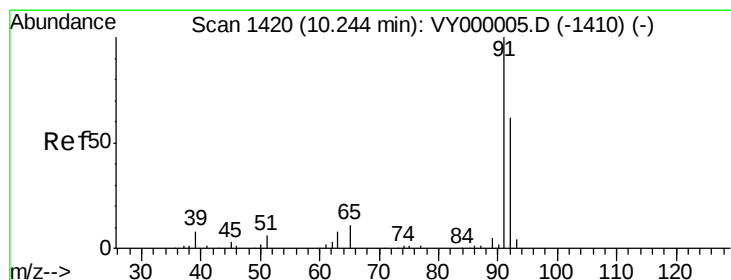
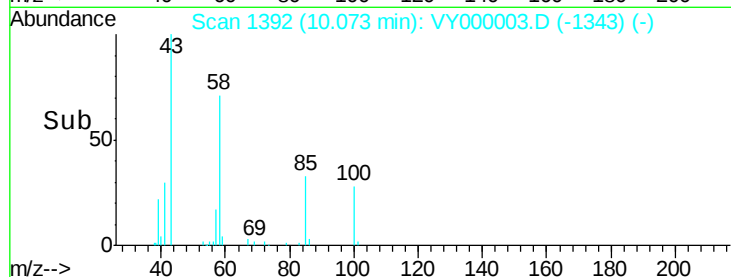
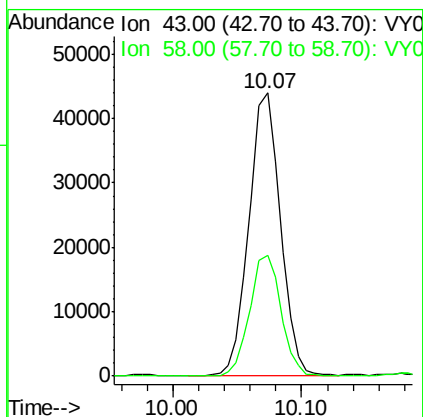
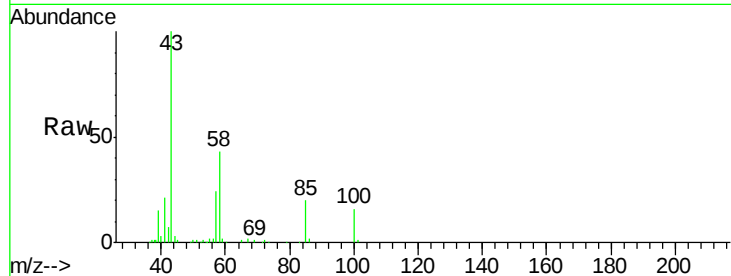
58 42.6 34.1 51.1

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#52

Toluene

Concen: 9.780 ug/l

RT: 10.24 min Scan# 1419

Delta R.T. -0.01 min

Lab File: VY000003.D

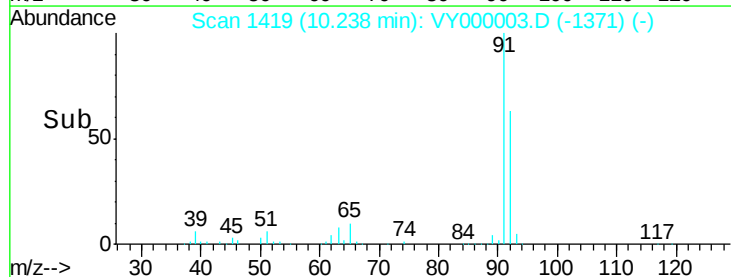
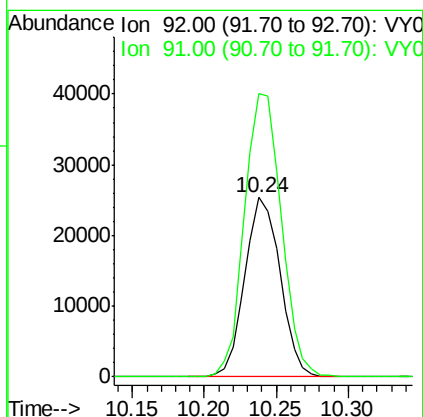
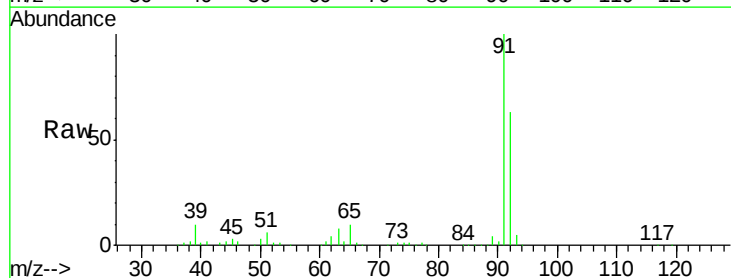
Acq: 11 Sep 2019 16:54

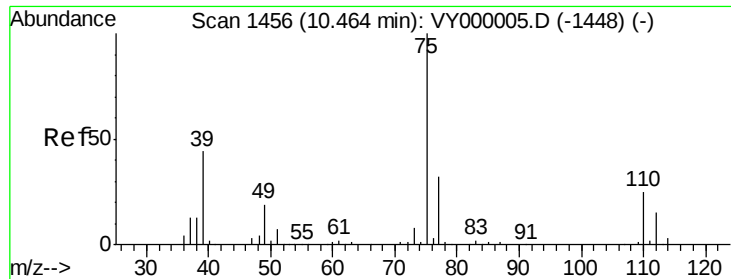
Tgt Ion: 92 Resp: 43080

Ion Ratio Lower Upper

92 100

91 165.0 136.5 204.7





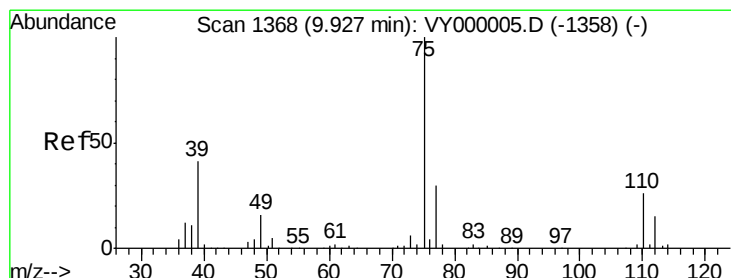
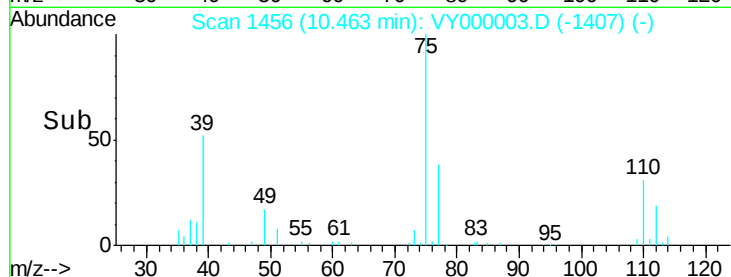
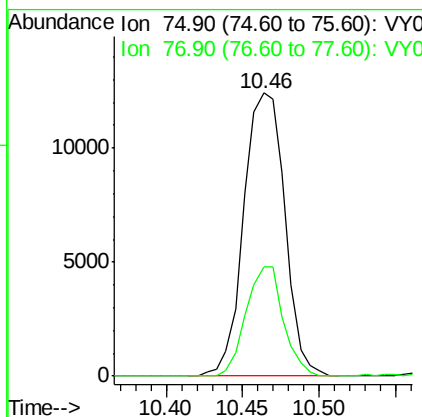
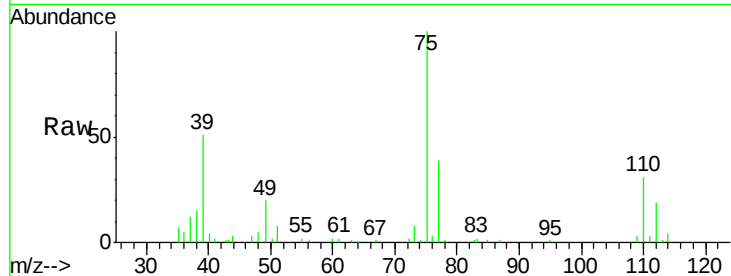
#53
 t-1,3-Dichloropropene
 Concen: 8.916 ug/l
 RT: 10.46 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: VY000003.D
 Acq: 11 Sep 2019 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 75 Resp: 23201
 Ion Ratio Lower Upper
 75 100
 77 38.6 25.8 38.8

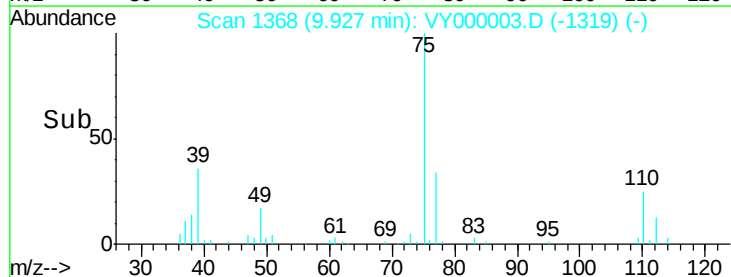
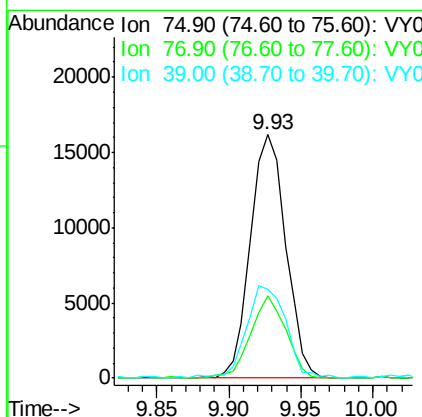
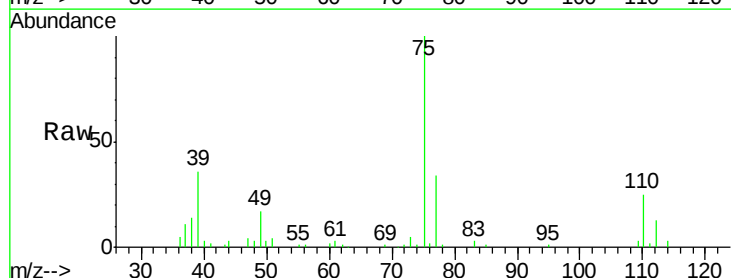
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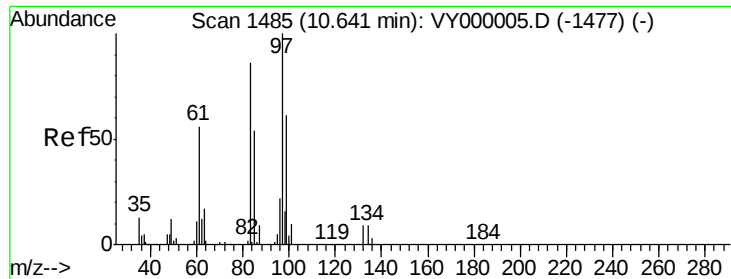
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#54
 cis-1,3-Dichloropropene
 Concen: 9.317 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000003.D
 Acq: 11 Sep 2019 16:54

Tgt Ion: 75 Resp: 27496
 Ion Ratio Lower Upper
 75 100
 77 33.8 24.1 36.1
 39 36.5 33.0 49.4





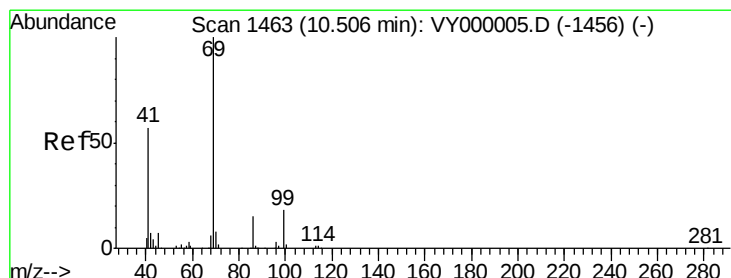
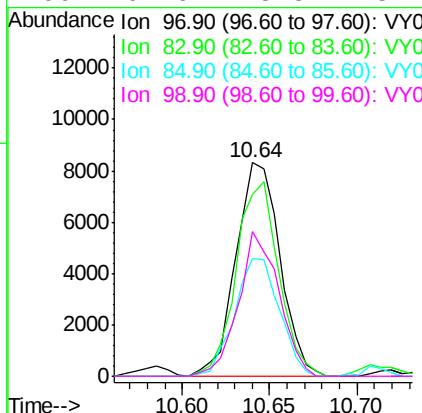
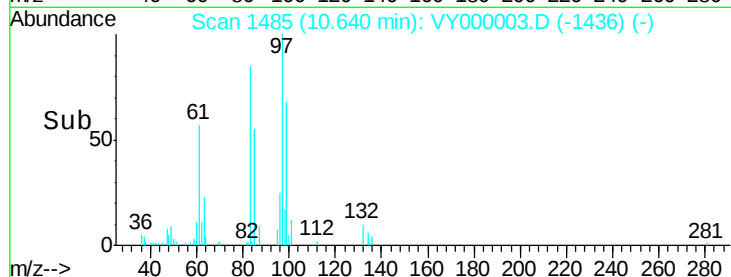
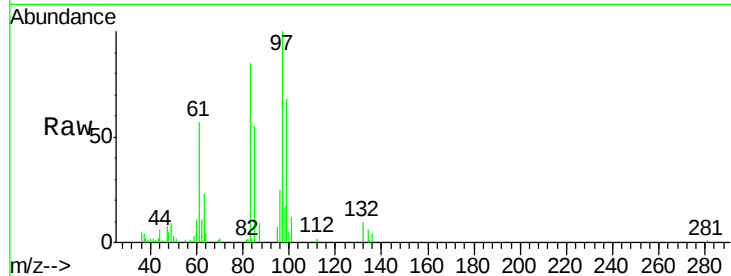
#55
 1,1,2-Trichloroethane
 Concen: 10.367 ug/l
 RT: 10.64 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000003.D
 Acq: 11 Sep 2019 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	14600
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.4	102.6
85	55.4	43.0	64.6
99	67.6	48.8	73.2

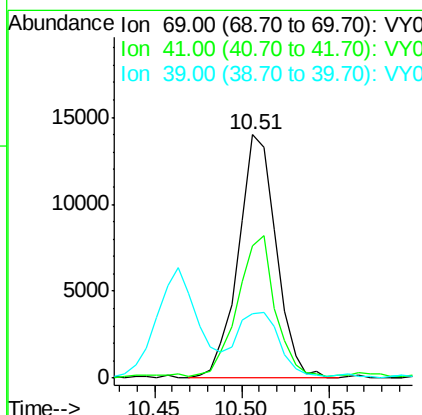
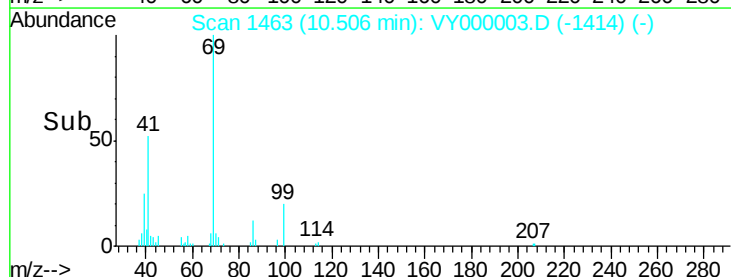
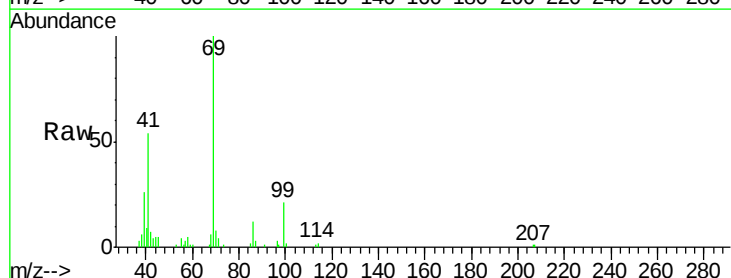
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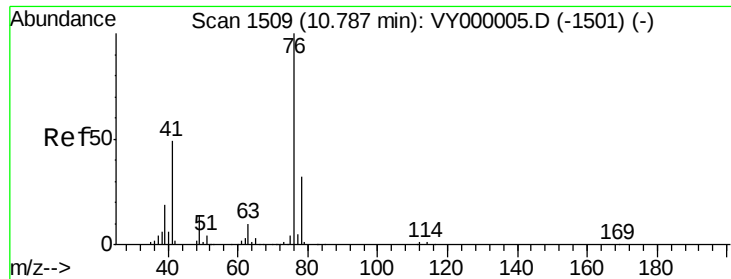
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#56
 Ethyl methacrylate
 Concen: 10.260 ug/l
 RT: 10.51 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY000003.D
 Acq: 11 Sep 2019 16:54

Tgt Ion:	69	Resp:	21075
Ion	Ratio	Lower	Upper
69	100		
41	57.7	46.3	69.5
39	30.9	25.8	38.6





#57

1,3-Dichloropropane

Concen: 9.037 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 23183

Ion Ratio Lower Upper

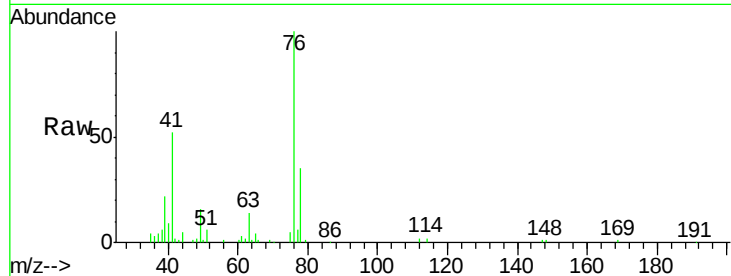
76 100

78 35.4 26.1 39.1

Manual Integrations
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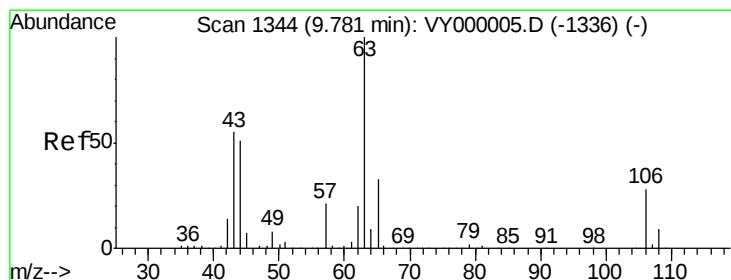
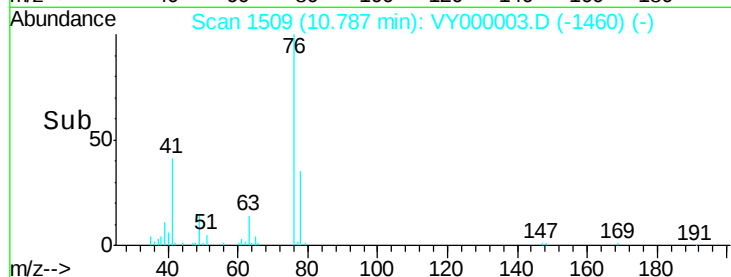
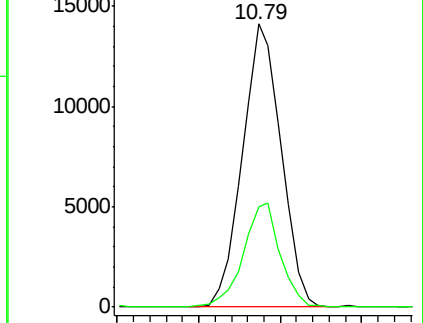
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 55.683 ug/l

RT: 9.78 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000003.D

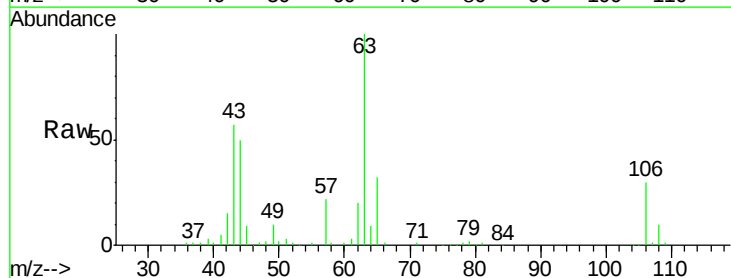
Acq: 11 Sep 2019 16:54

Tgt Ion: 63 Resp: 61210

Ion Ratio Lower Upper

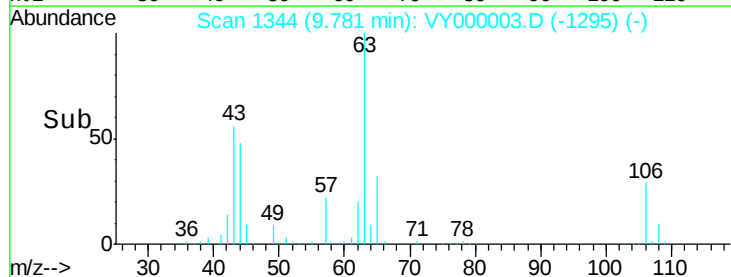
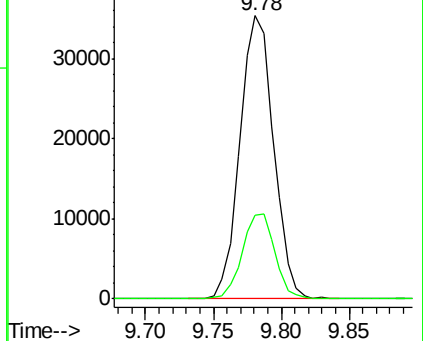
63 100

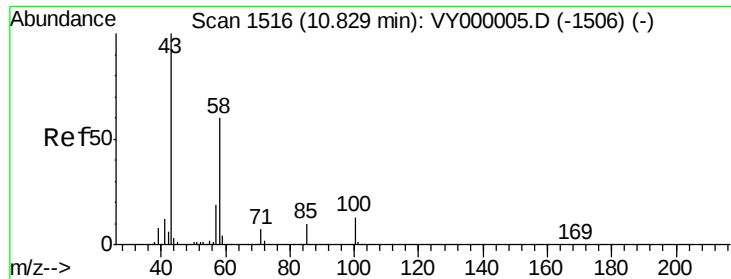
106 29.0 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





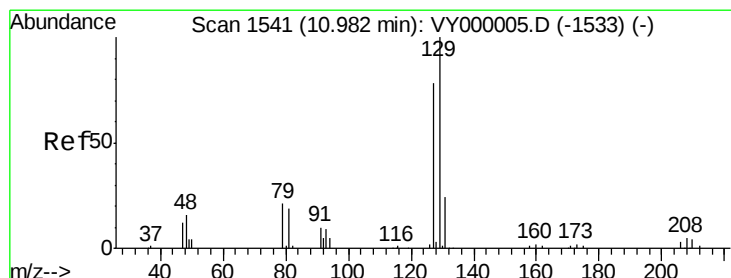
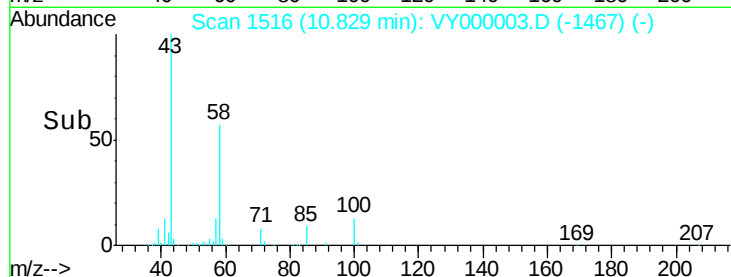
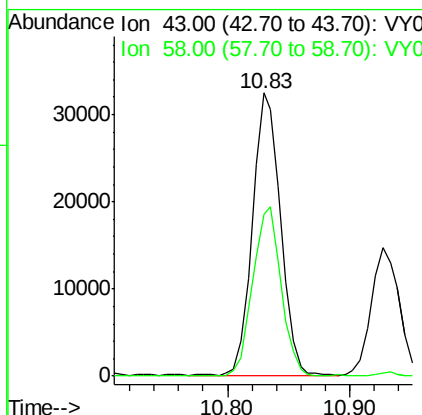
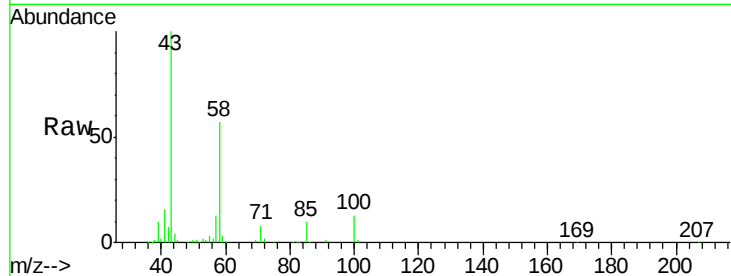
#59
2-Hexanone
Concen: 44.448 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	43.00	Resp	51816
Ion Ratio	43	100	Lower Upper
	58	60.5	29.8 89.5

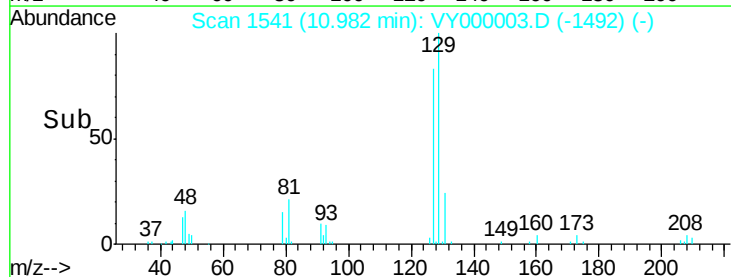
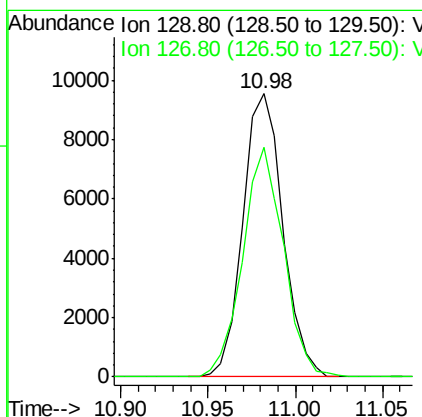
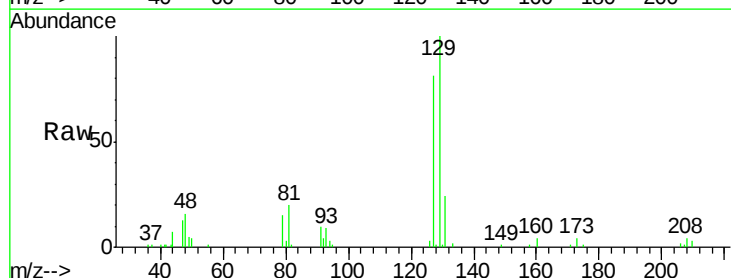
Manual Integrations
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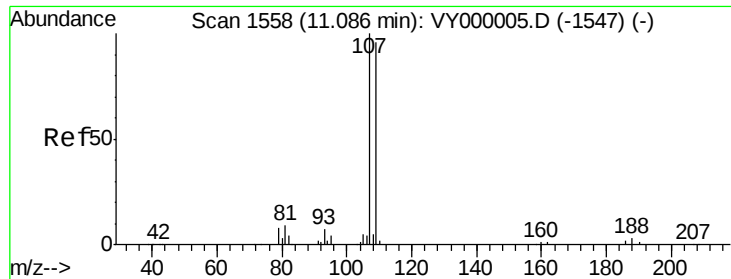
MMDadoda
9/13/2019 11:51:28 PM



#60
Dibromochloromethane
Concen: 9.350 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Tgt Ion	129	Resp	15235
Ion Ratio	129	100	Lower Upper
	127	82.9	39.2 117.6





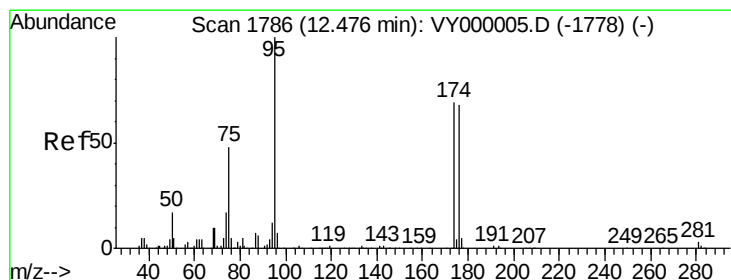
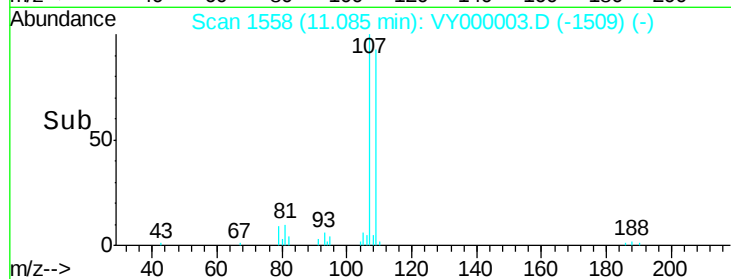
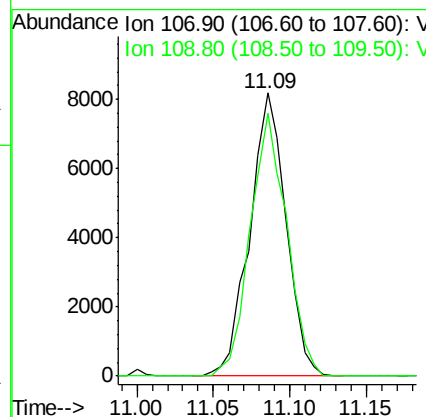
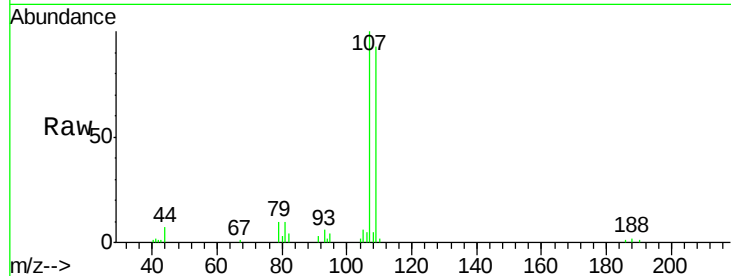
#61
 1,2-Dibromoethane
 Concen: 10.404 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VY000003.D
 Acq: 11 Sep 2019 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	73.2	109.8

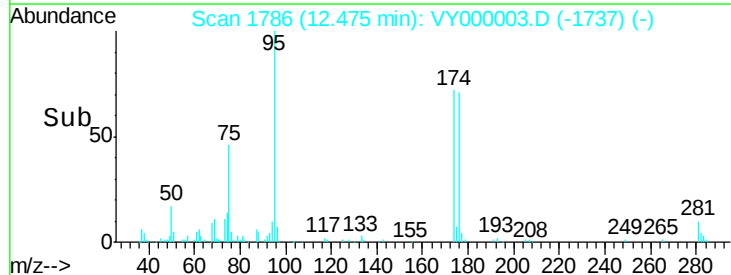
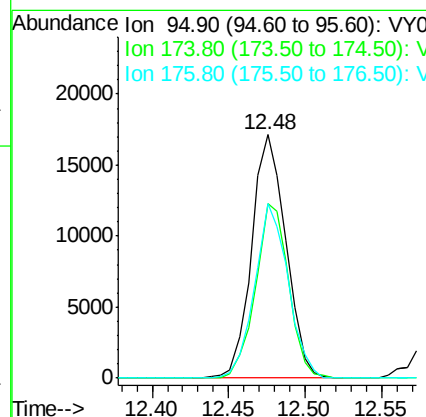
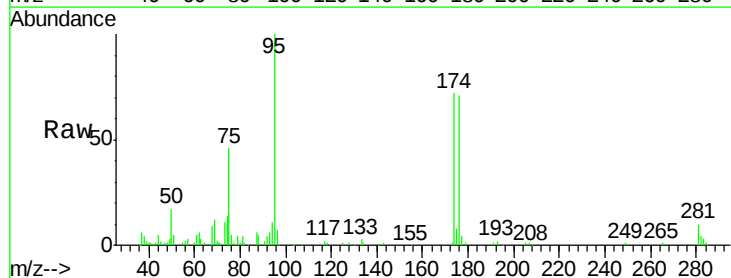
Manual Integrations
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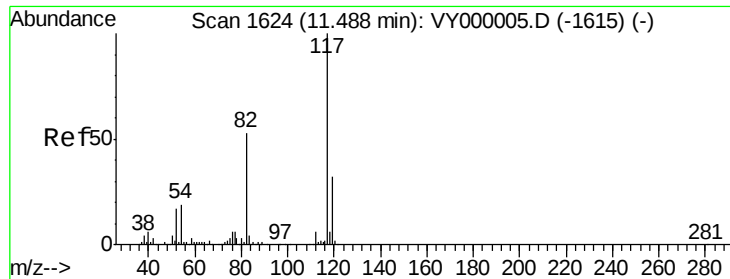
MMDadoda
 9/13/2019 11:51:28 PM



#62
 4-Bromofluorobenzene
 Concen: 10.821 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: VY000003.D
 Acq: 11 Sep 2019 16:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.3	0.0	145.8
176	69.9	0.0	138.0





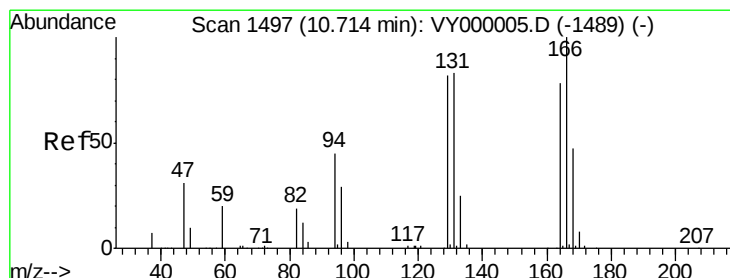
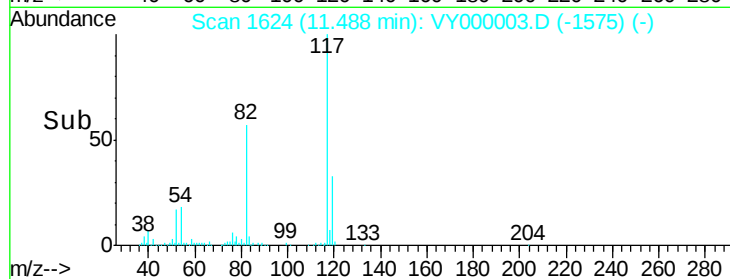
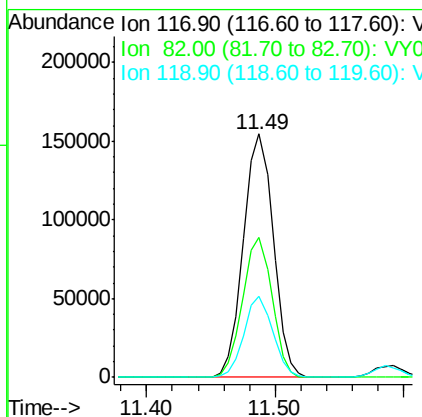
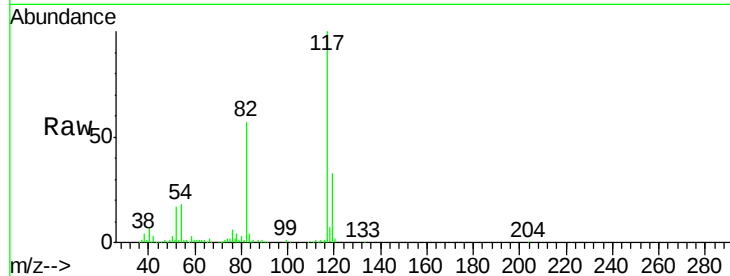
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
117	100	249215		
82	57.4	42.3	63.5	
119	33.4	25.8	38.8	

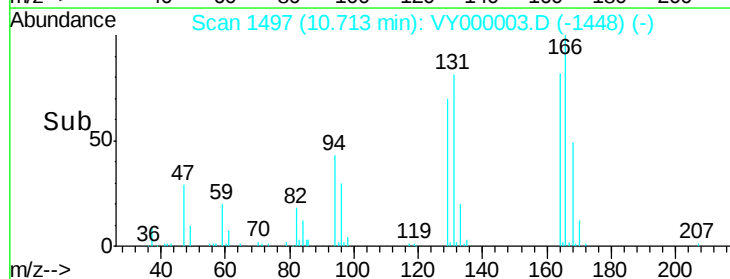
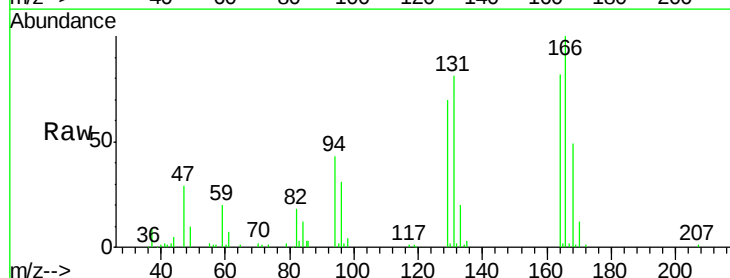
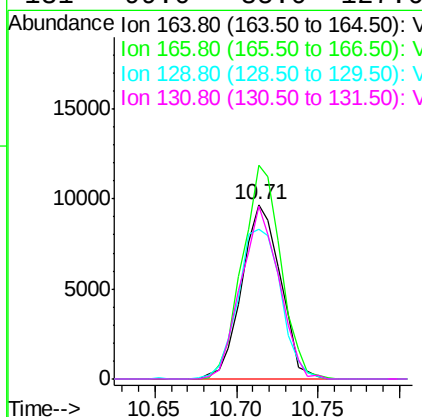
Manual Integrations
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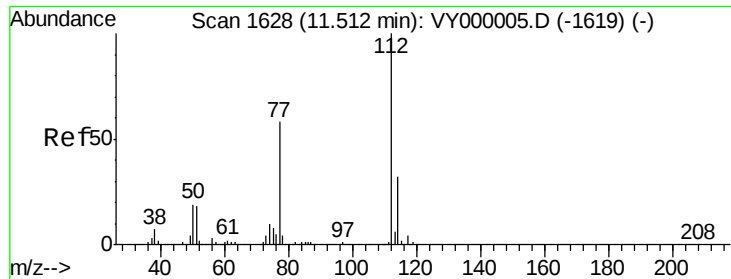
MMDadoda
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#64
Tetrachloroethene
Concen: 10.786 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	16025		
166	122.4	102.5	153.7	
129	86.1	83.8	125.8	
131	99.0	85.0	127.6	





#65

Chlorobenzene

Concen: 9.628 ug/l

RT: 11.51 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:112 Resp: 44759

Ion Ratio Lower Upper

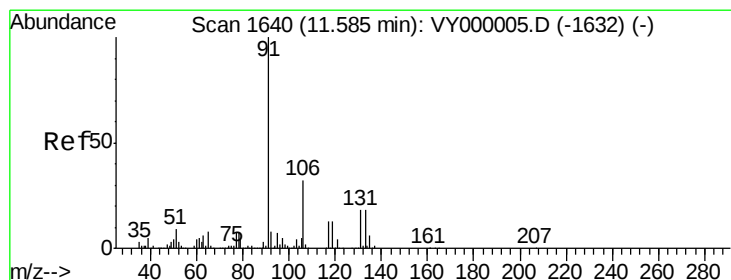
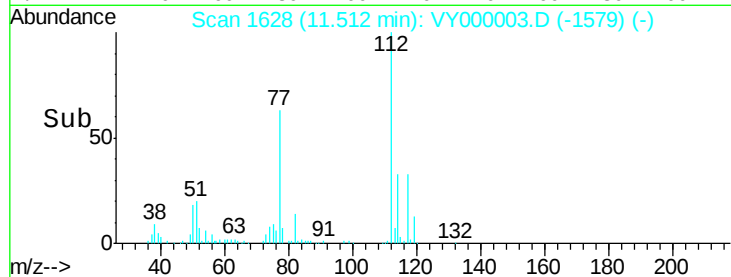
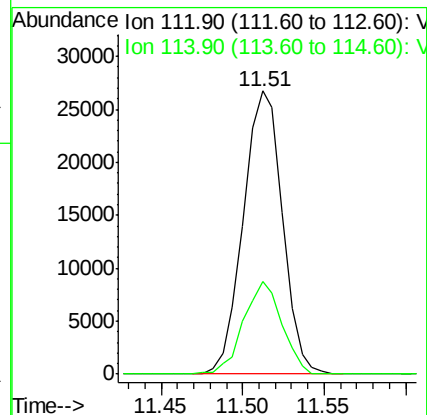
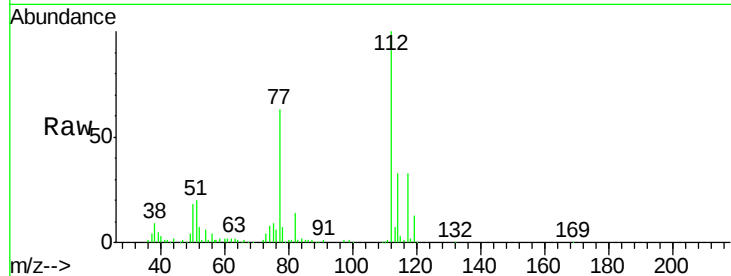
112 100

114 32.9 25.4 38.2

Manual Integrations
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 9.370 ug/l

RT: 11.59 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

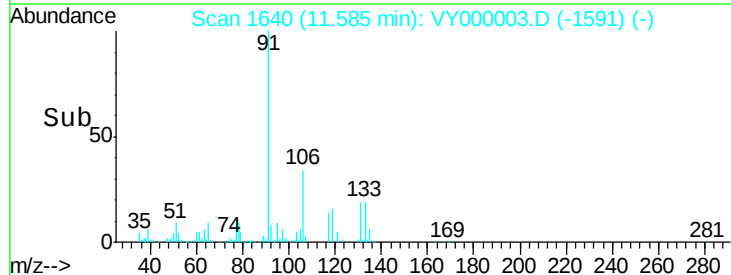
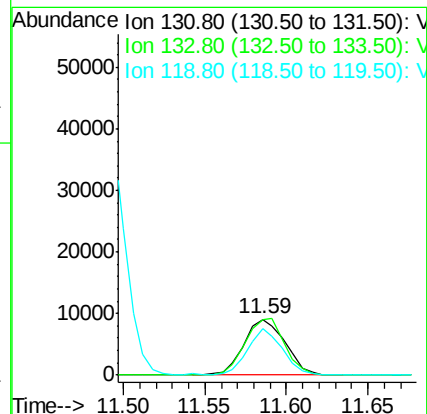
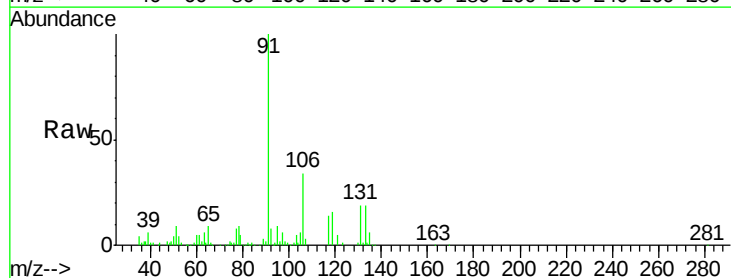
Tgt Ion:131 Resp: 15895

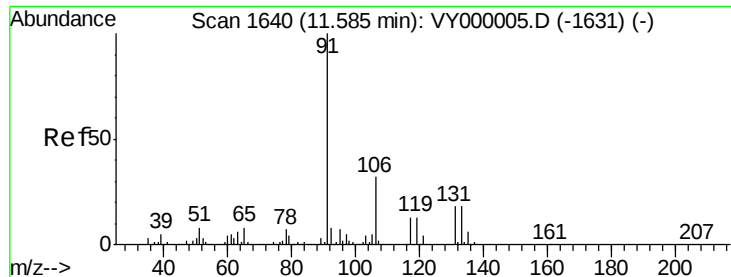
Ion Ratio Lower Upper

131 100

133 98.5 48.7 146.1

119 70.5 35.8 107.3





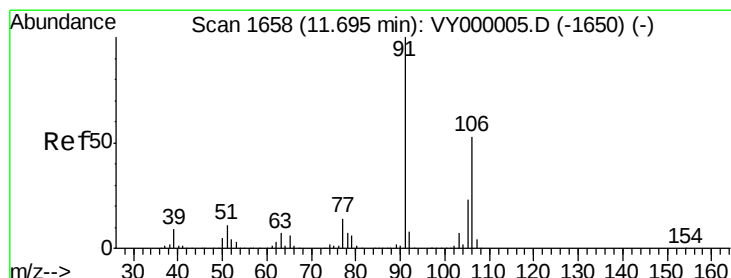
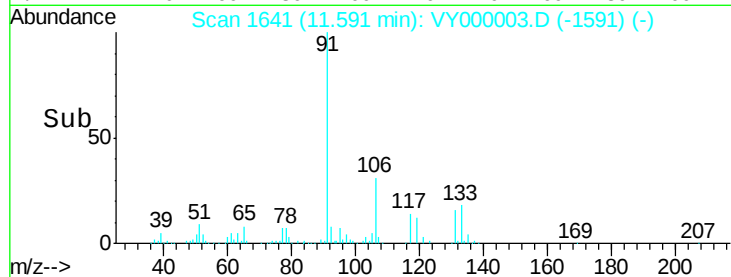
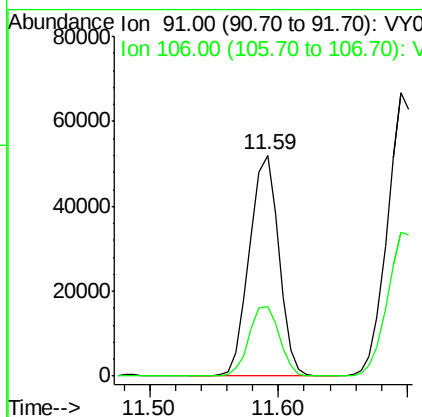
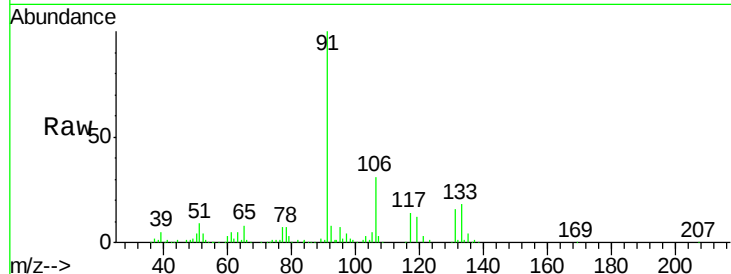
#67
Ethyl Benzene
Concen: 9.489 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. 0.01 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 81980
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2

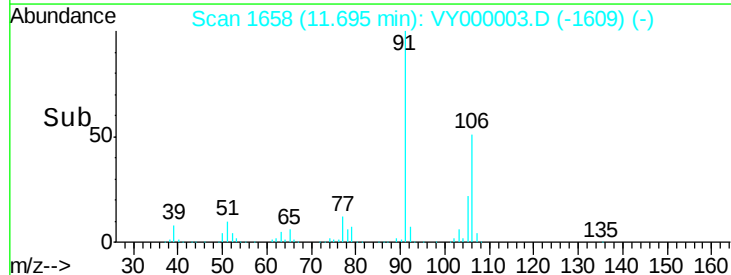
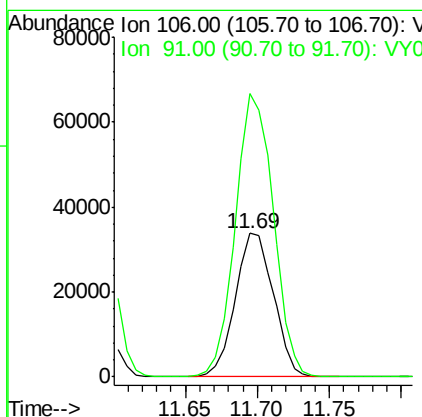
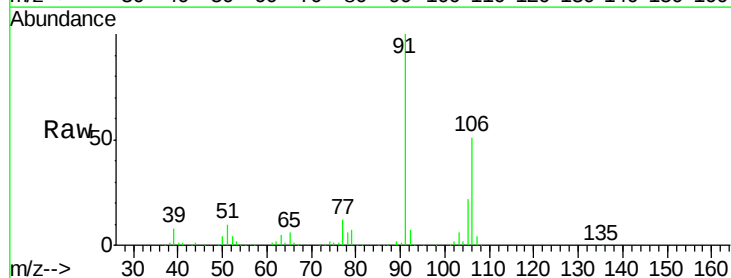
Manual Integrations
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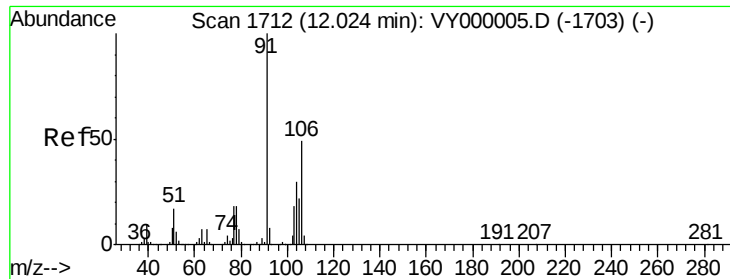
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#68
m/p-Xylenes
Concen: 19.689 ug/l
RT: 11.69 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Tgt Ion: 106 Resp: 62341
Ion Ratio Lower Upper
106 100
91 196.3 157.1 235.7





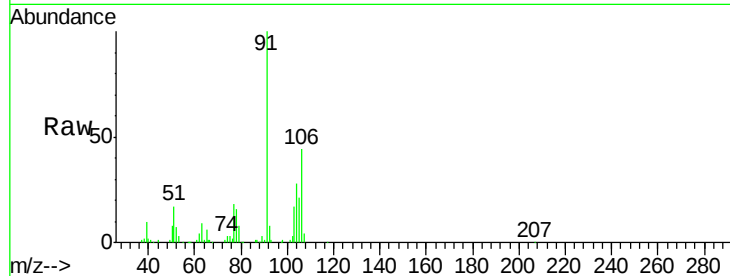
#69
o-Xylene
Concen: 10.007 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

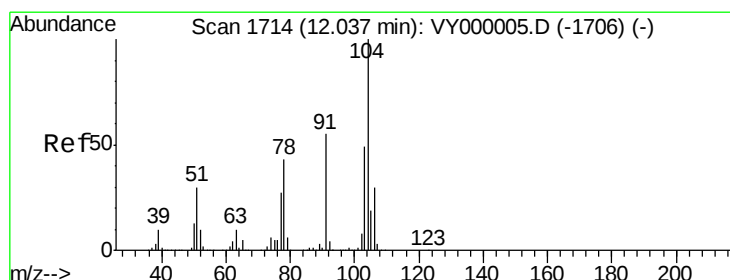
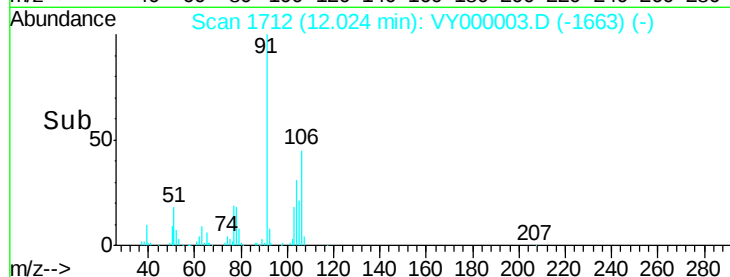
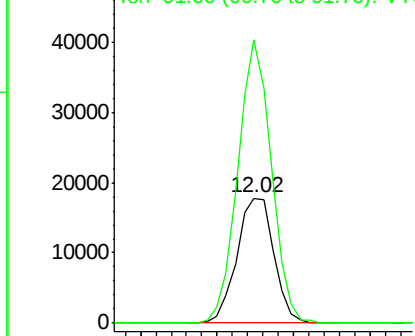
Tot Ion	Ratio	Lower	Upper
106	100		
91	205.1	100.6	301.8

Manual Integrations
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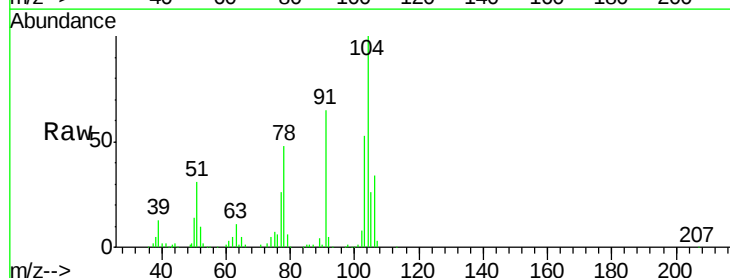


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

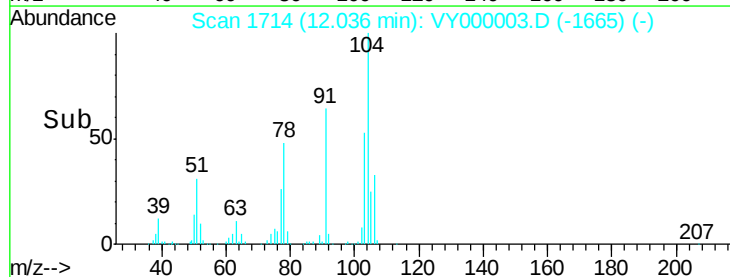
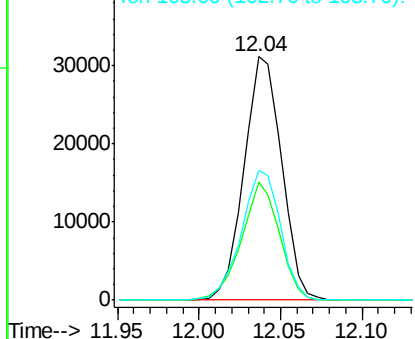


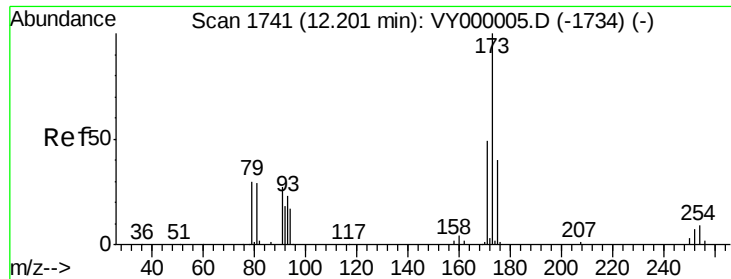
#70
Styrene
Concen: 9.573 ug/l
RT: 12.04 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	37.6	56.4
103	55.4	42.6	63.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





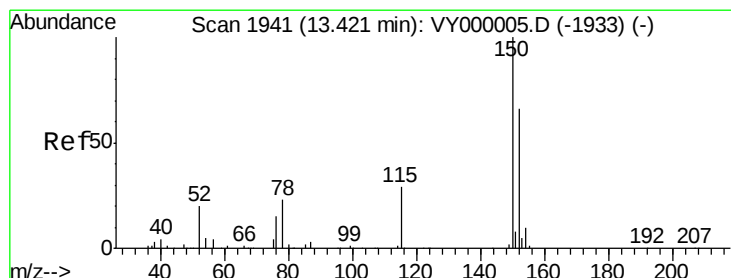
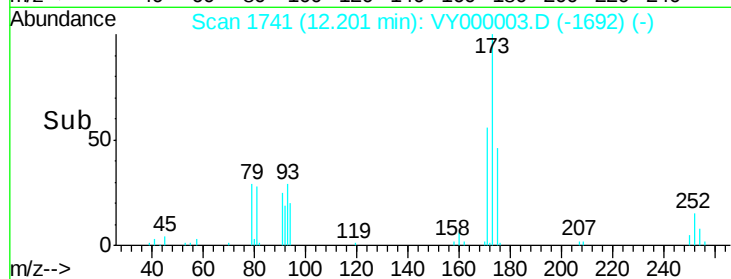
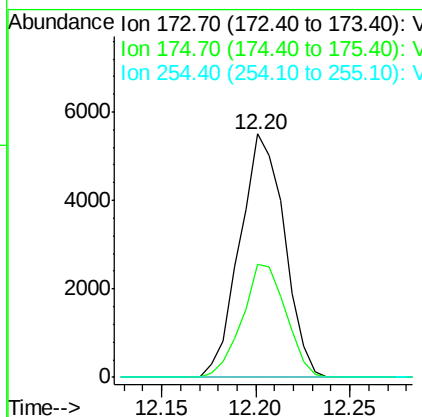
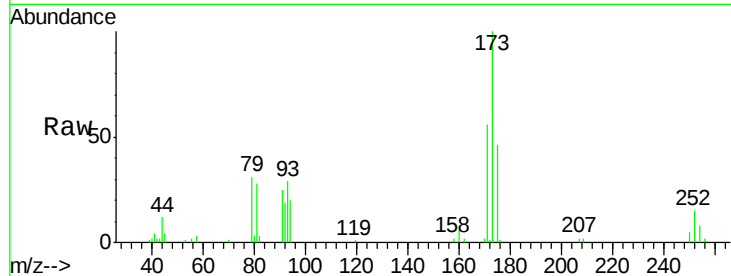
#71
Bromoform
Concen: 9.430 ug/l
RT: 12.20 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.6	23.8	71.5
254	0.0	0.0	0.0

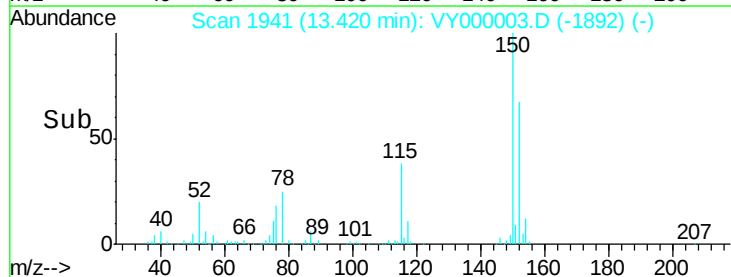
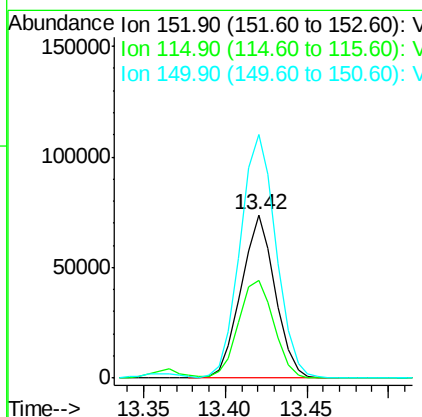
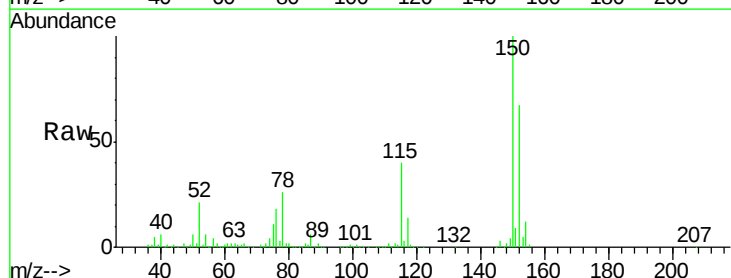
Manual Integrations
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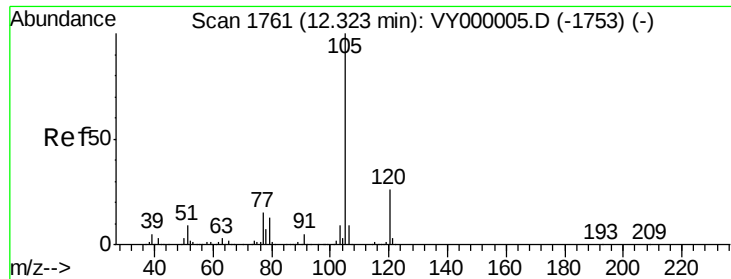
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	30.3	91.0
150	158.2	0.0	347.4





#73

Isopropylbenzene

Concen: 10.380 ug/l

RT: 12.33 min Scan# 1762

Delta R.T. 0.01 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

Tot Ion:105 Resp: 79179

Ion Ratio Lower Upper

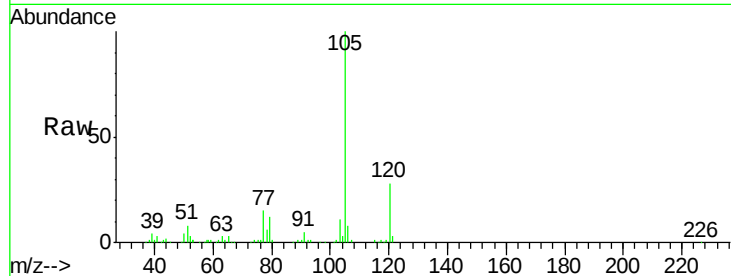
105 100

120 27.6 13.5 40.4

Manual Integrations
APPROVED

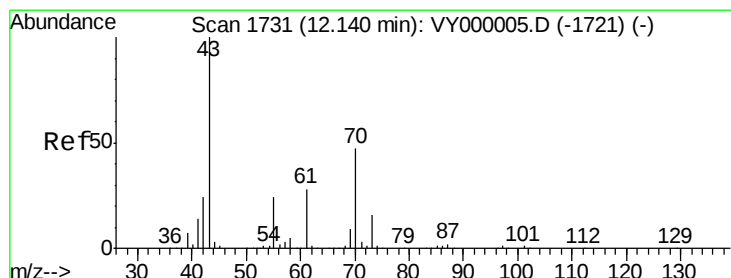
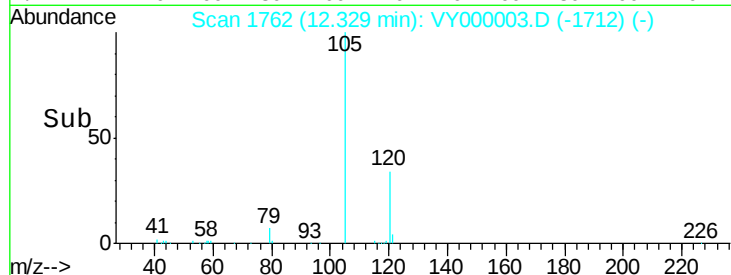
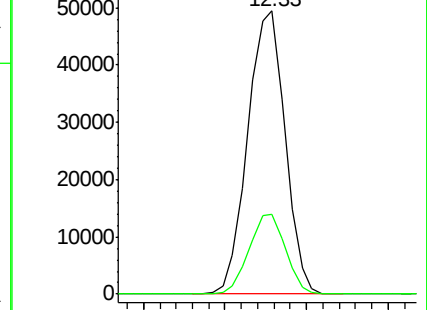
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 9.001 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Tgt Ion: 43 Resp: 21356

Ion Ratio Lower Upper

43 100

70 46.9 38.1 57.1

55 25.7 19.9 29.9

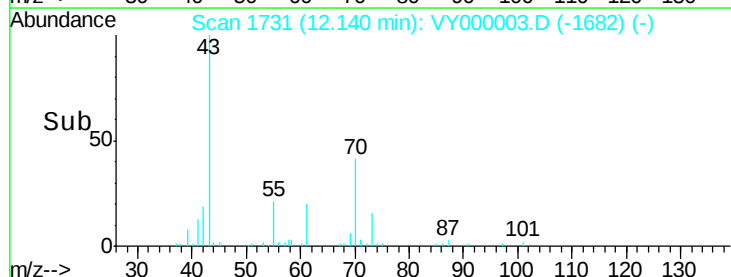
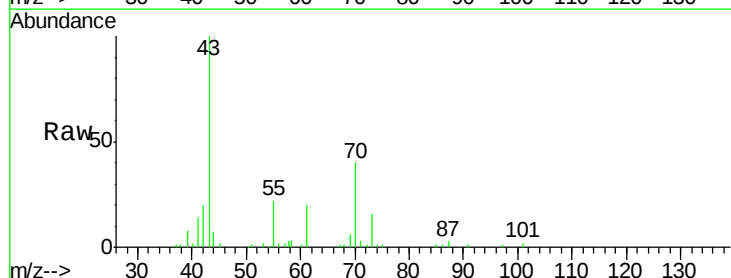
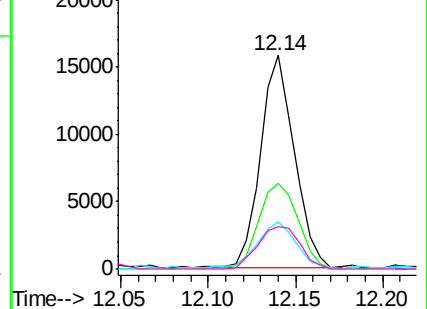
61 24.7 22.0 33.0

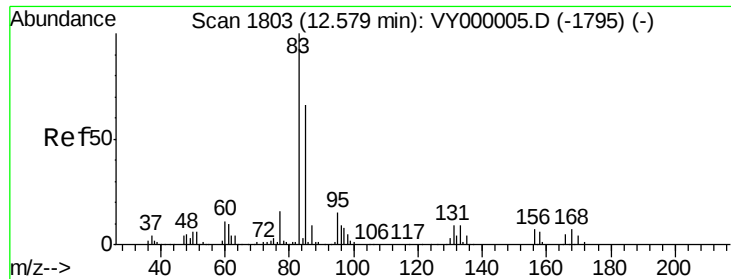
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 11.894 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

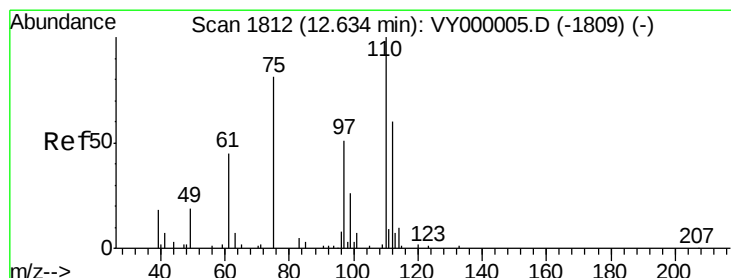
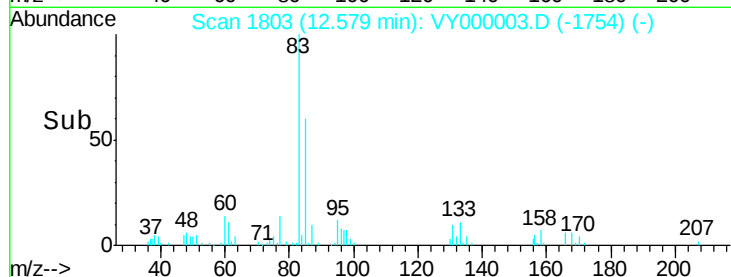
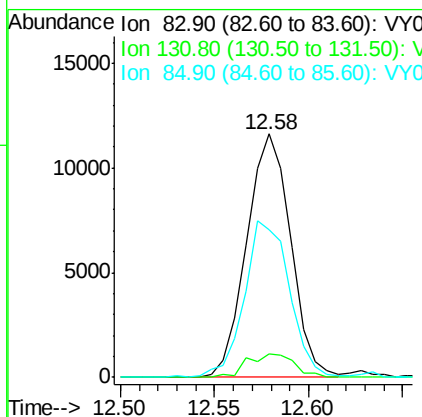
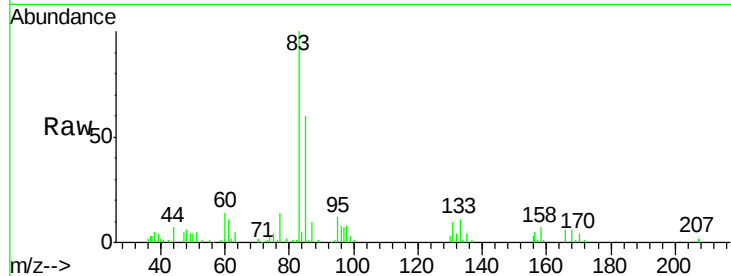
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	18825
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	14.9
85	66.0	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 12.269 ug/l m

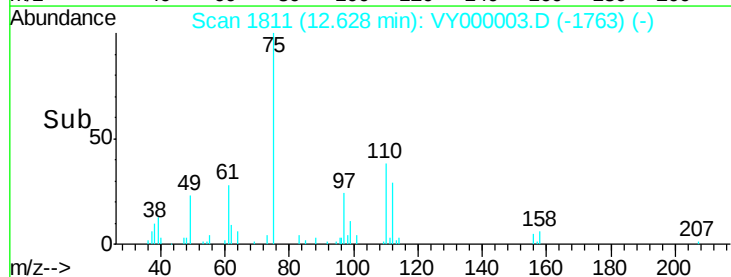
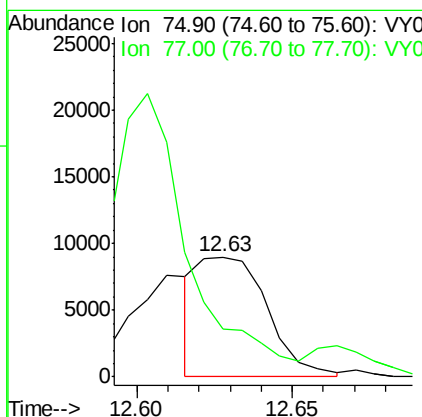
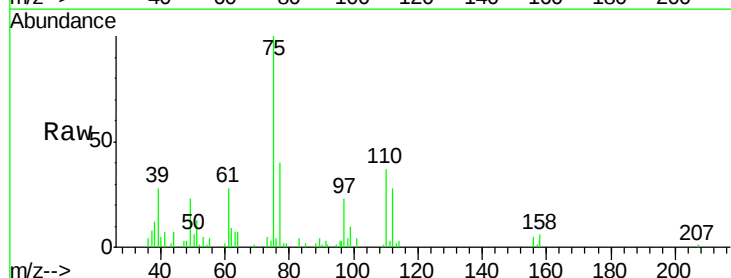
RT: 12.63 min Scan# 1811

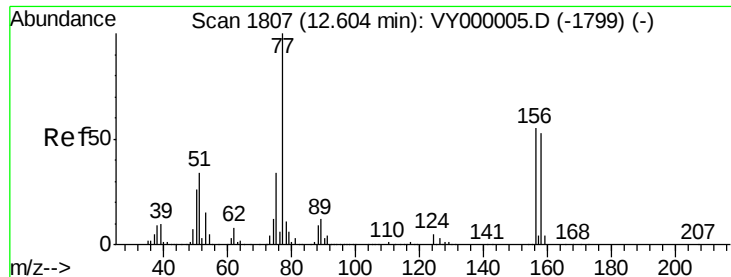
Delta R.T. -0.01 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Tgt Ion:	75	Resp:	13876
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 9.921 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:156 Resp: 17040

Ion Ratio Lower Upper

156 100

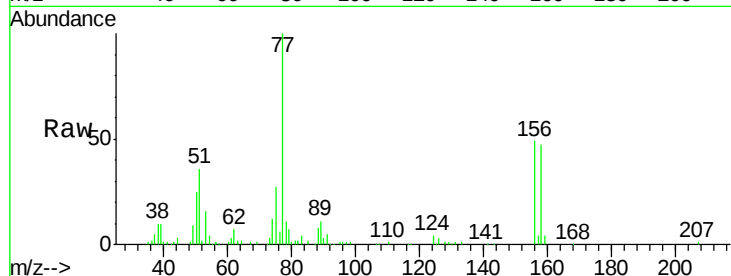
77 223.8 106.5 319.6

158 92.8 48.2 144.6

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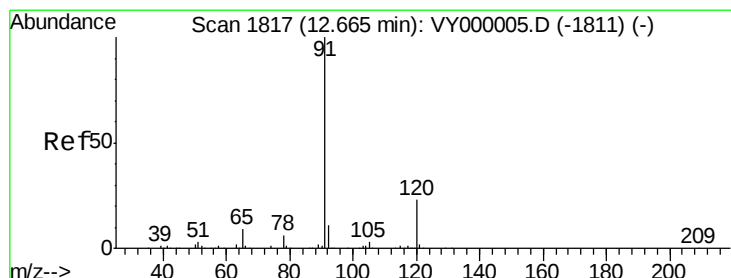
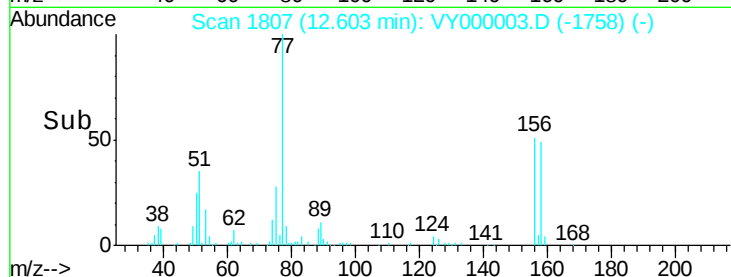
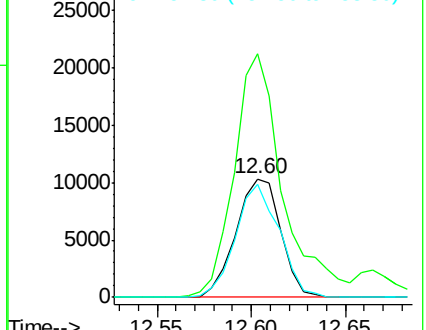
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.338 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000003.D

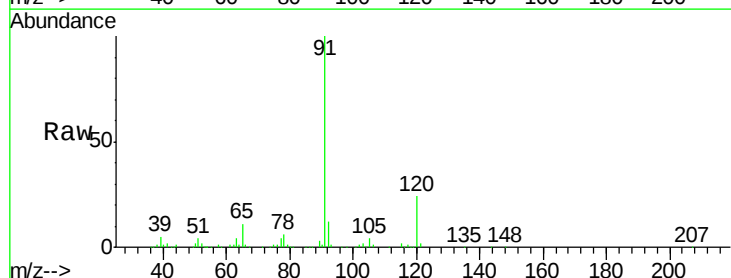
Acq: 11 Sep 2019 16:54

Tgt Ion: 91 Resp: 94884

Ion Ratio Lower Upper

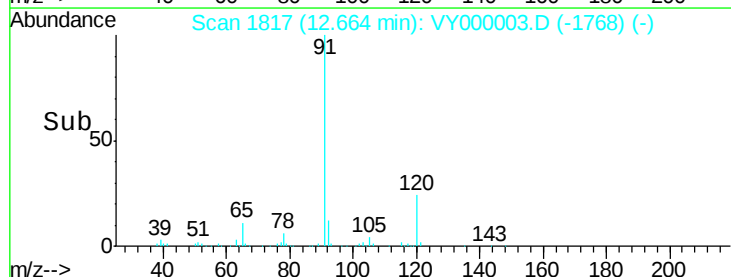
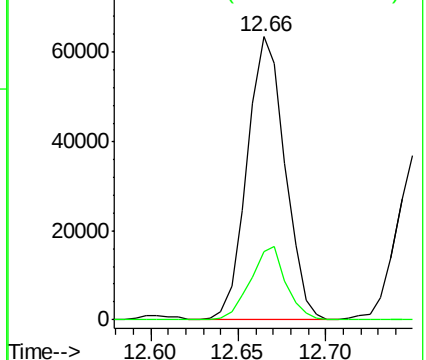
91 100

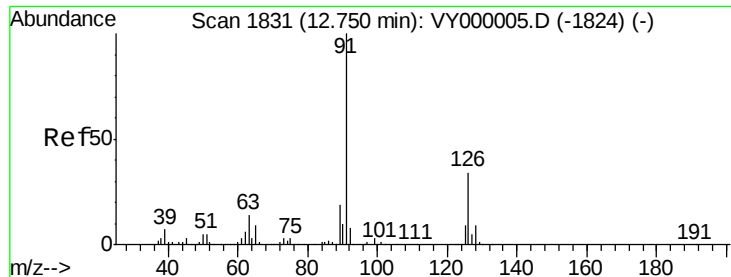
120 24.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.373 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 54336

Ion Ratio Lower Upper

91 100

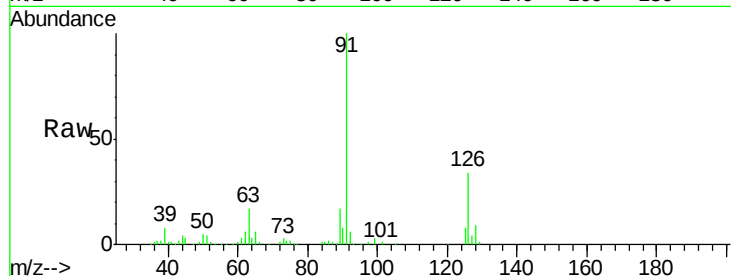
126 34.6 17.2 51.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY000005.D (-1824) (-)

Ion 125.90 (125.60 to 126.60): VY000005.D (-1824) (-)

60000

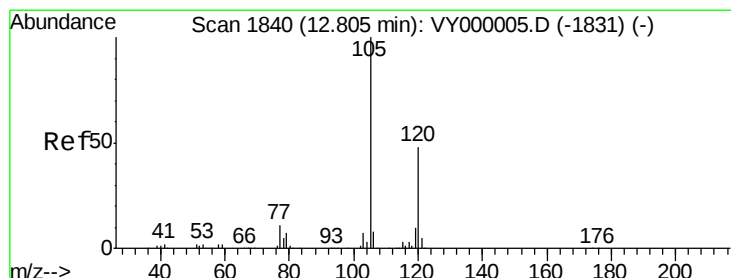
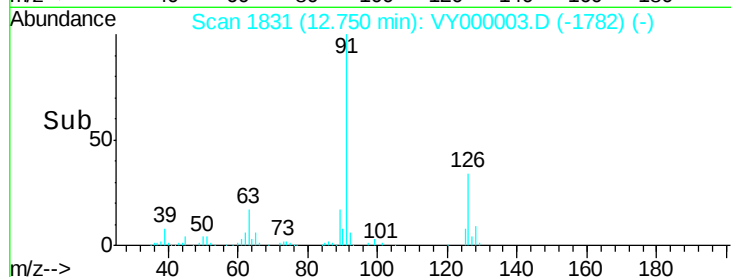
40000

20000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 10.270 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.01 min

Lab File: VY000003.D

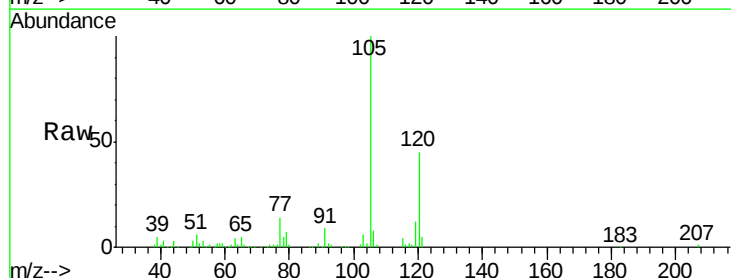
Acq: 11 Sep 2019 16:54

Tgt Ion: 105 Resp: 65893

Ion Ratio Lower Upper

105 100

120 48.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY000005.D (-1831) (-)

Ion 120.00 (119.70 to 120.70): VY000005.D (-1831) (-)

50000

40000

30000

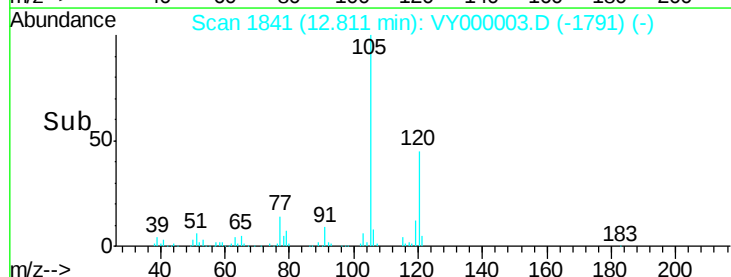
20000

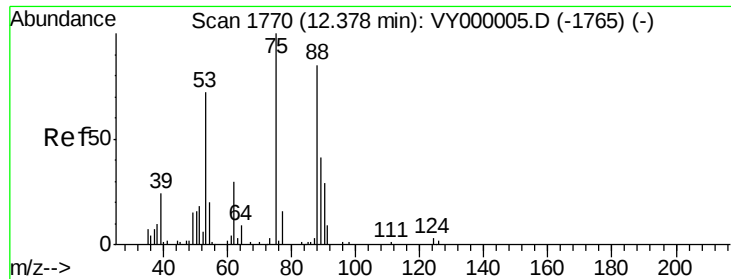
10000

0

12.75 12.80 12.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 12.625 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

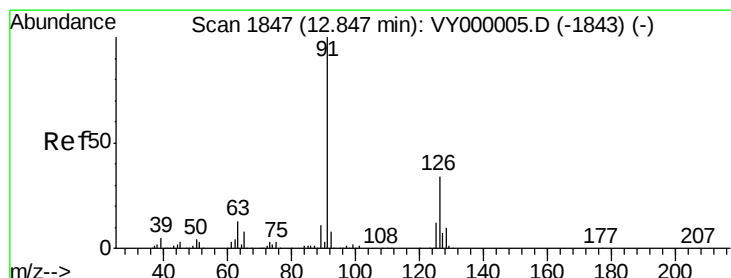
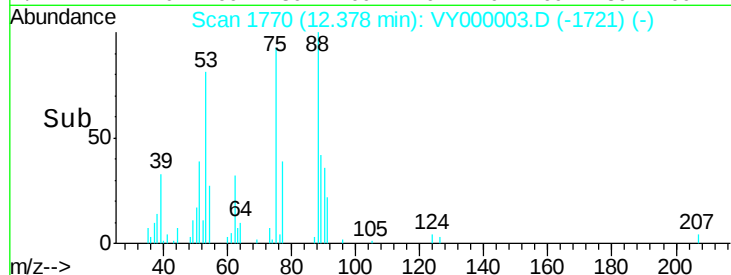
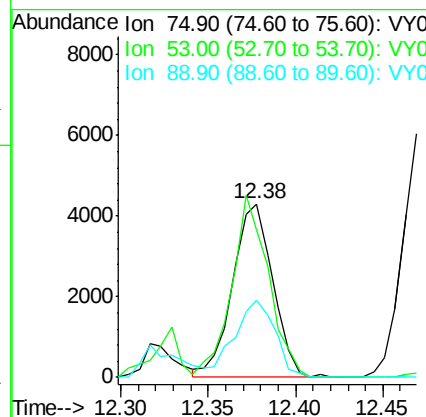
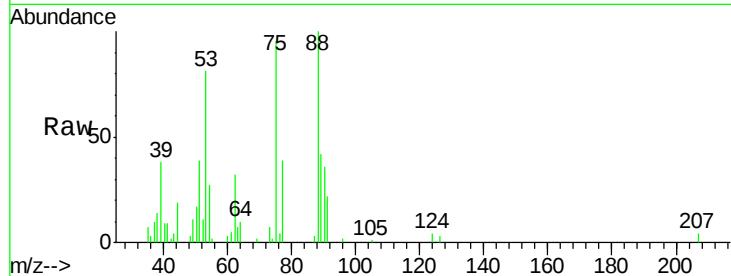
VSTDIC010

Tot Ion:	75	Resp:	6882
Ion	Ratio	Lower	Upper
75	100		
53	96.4	63.0	94.6#
89	44.9	34.6	52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 10.024 ug/l

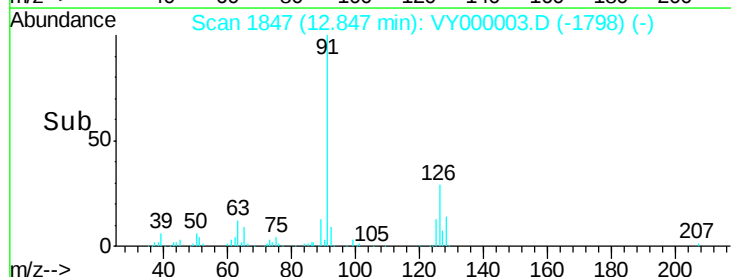
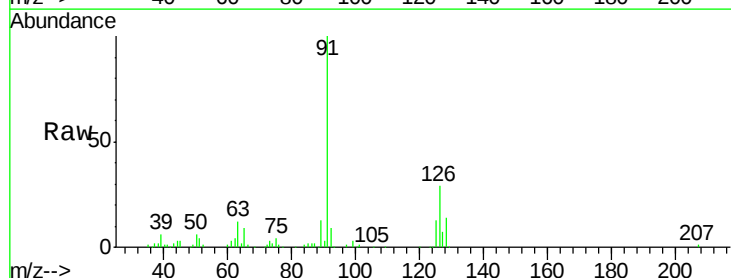
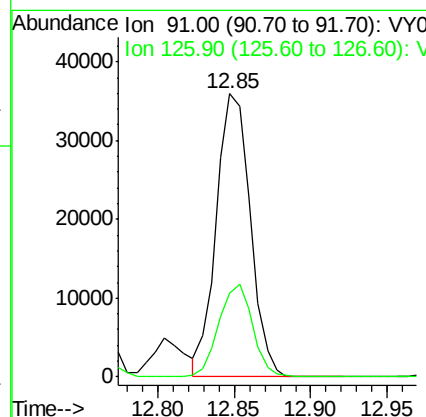
RT: 12.85 min Scan# 1847

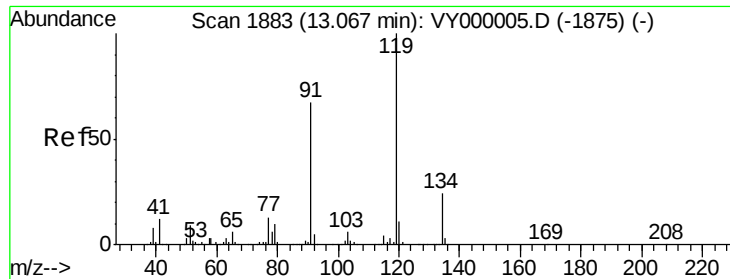
Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Tgt Ion:	91	Resp:	55542
Ion	Ratio	Lower	Upper
91	100		
126	32.4	17.0	50.9





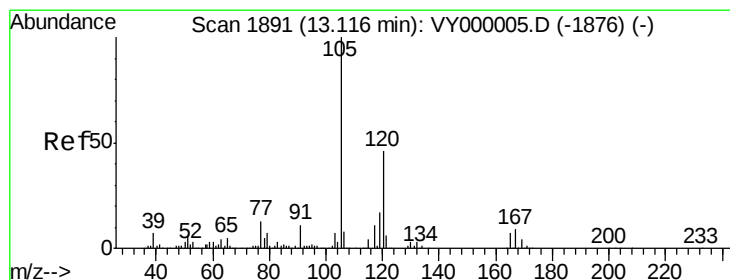
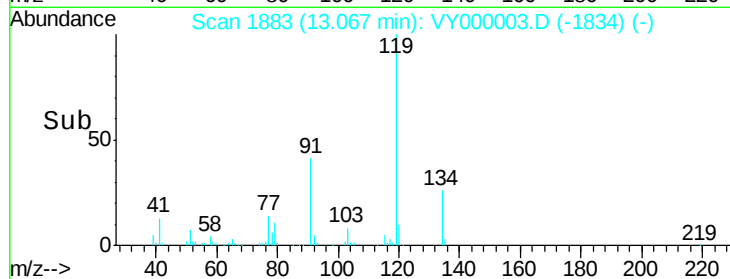
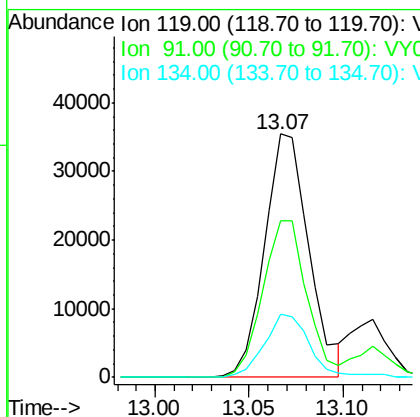
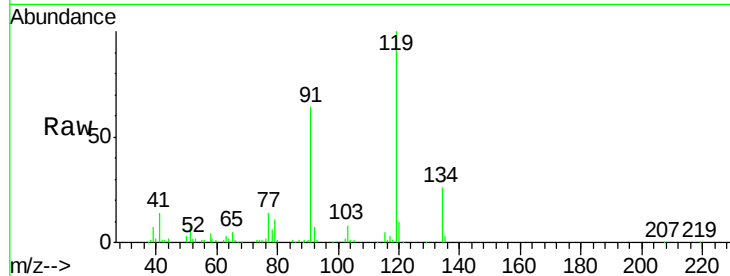
#83
 tert-Butylbenzene
 Concen: 10.272 ug/l
 RT: 13.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VY000003.D
 Acq: 11 Sep 2019 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion:	119	Resp:	57963
Ion Ratio	Lower	Upper	
119	100		
91	64.0	33.6	100.8
134	26.0	13.7	41.0

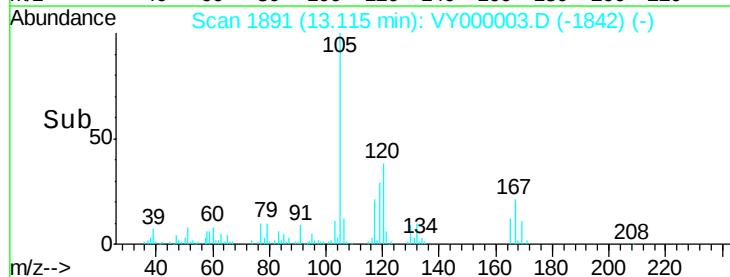
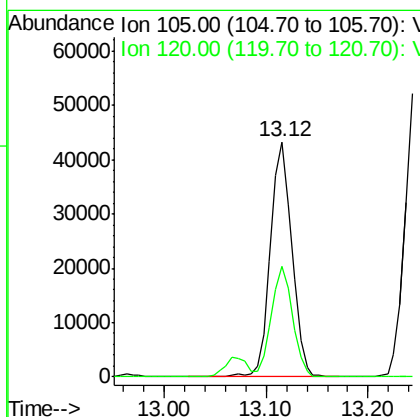
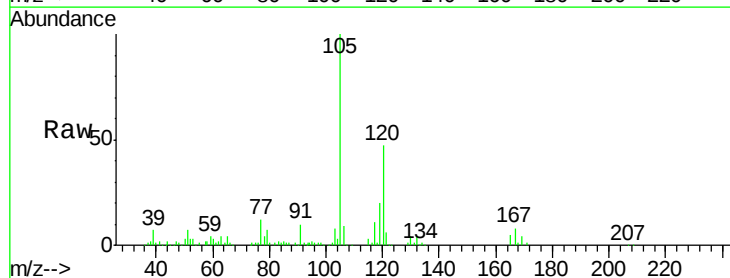
Manual Integrations
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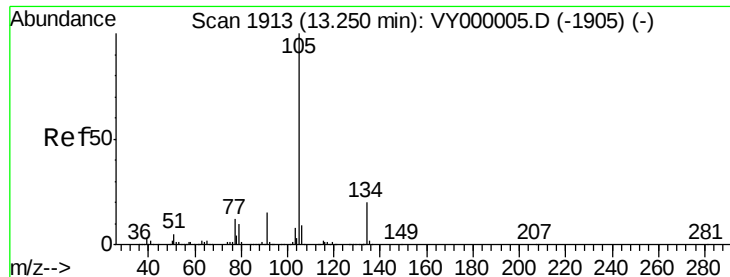
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 9.716 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: VY000003.D
 Acq: 11 Sep 2019 16:54

Tgt Ion:	105	Resp:	63041
Ion Ratio	Lower	Upper	
105	100		
120	46.7	22.8	68.3





#85

sec-Butylbenzene

Concen: 10.468 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 82880

Ion Ratio Lower Upper

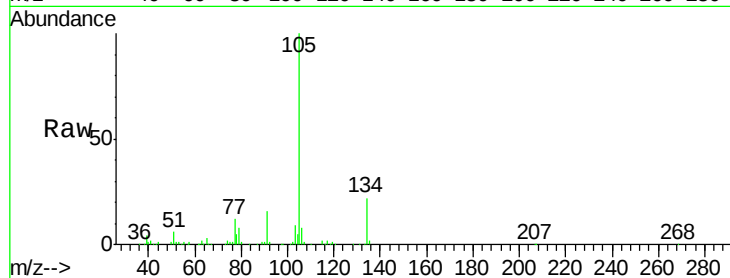
105 100

134 19.7 9.9 29.7

Manual Integrations
APPROVED

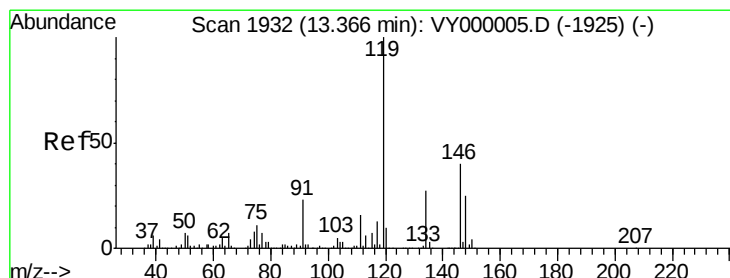
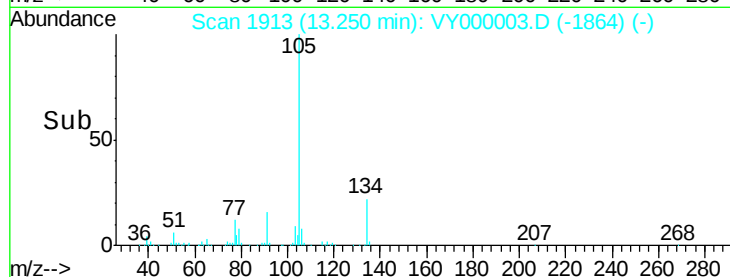
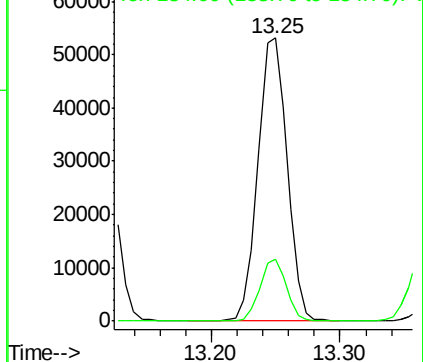
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 9.767 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

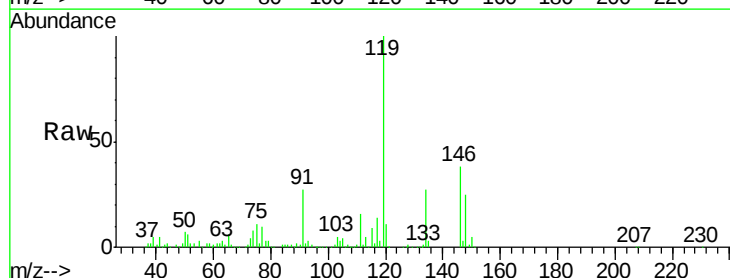
Tgt Ion:119 Resp: 69706

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

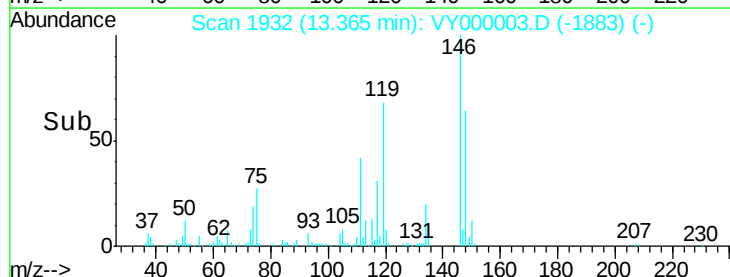
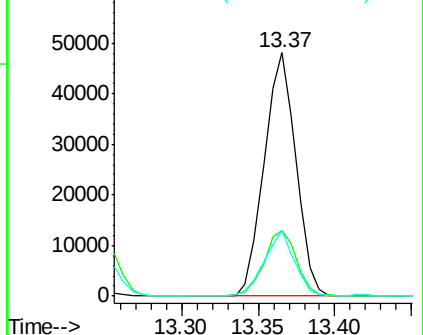
91 25.5 12.2 36.6

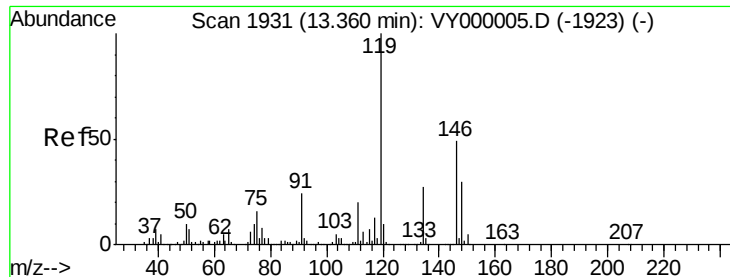


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 9.735 ug/l

RT: 13.36 min Scan# 1931

Delta R.T. -0.00 min

Lab File: VY000003.D

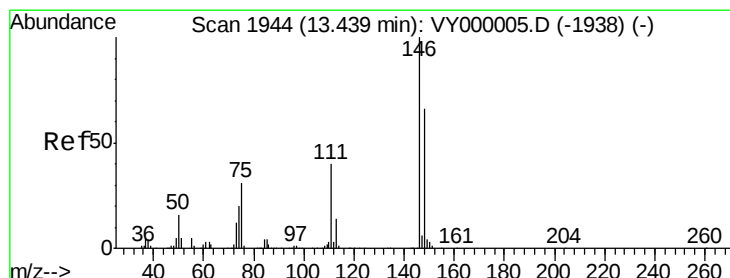
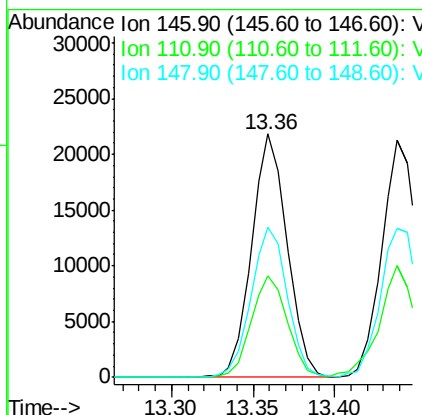
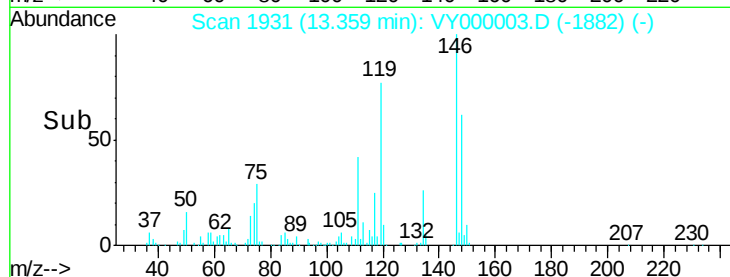
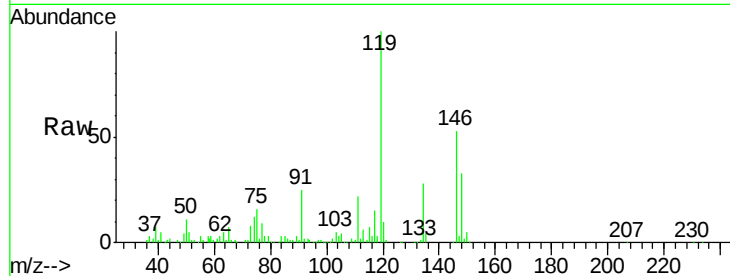
Acq: 11 Sep 2019 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.6	61.9
148	62.9	31.3	93.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 9.670 ug/l

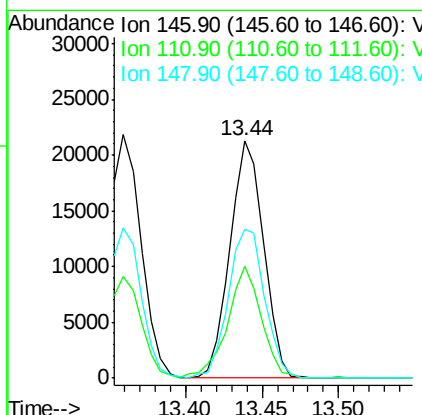
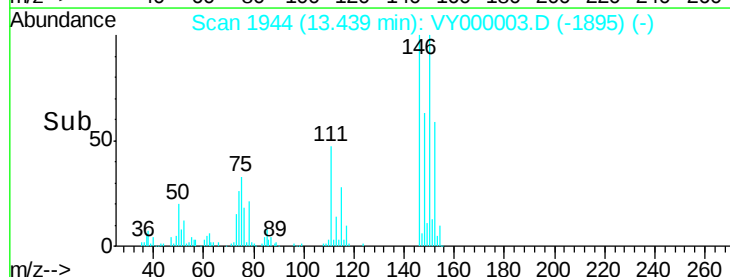
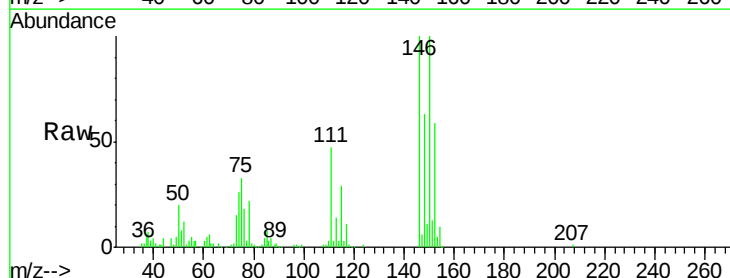
RT: 13.44 min Scan# 1944

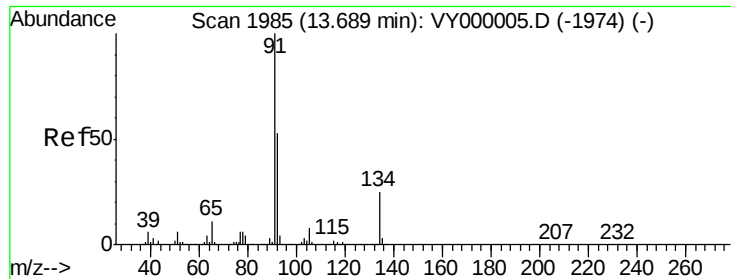
Delta R.T. -0.00 min

Lab File: VY000003.D

Acq: 11 Sep 2019 16:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.3	20.3	60.9
148	67.5	31.9	95.7





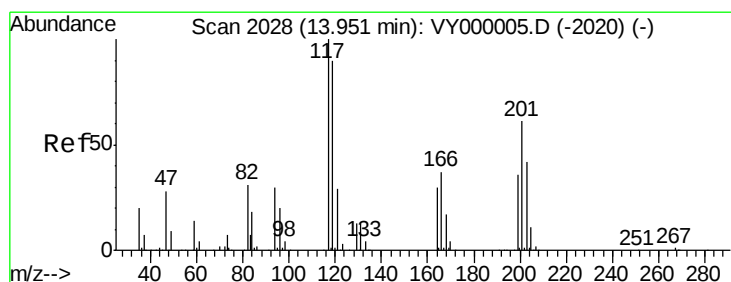
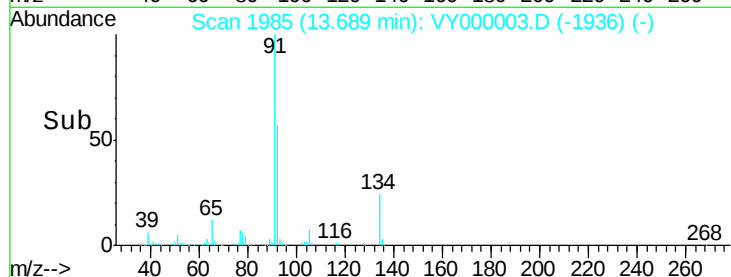
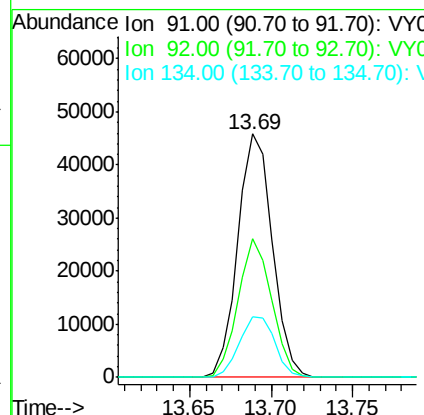
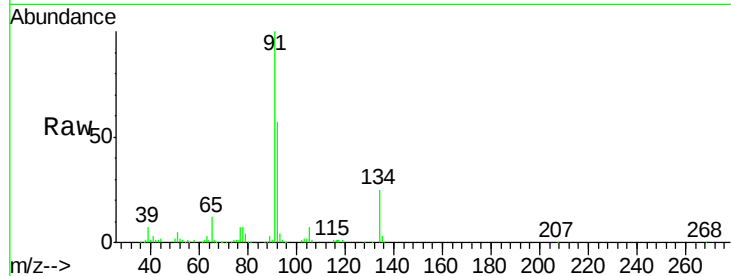
#89
n-Butylbenzene
Concen: 9.671 ug/l
RT: 13.69 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.7	27.0	80.8
134	25.6	12.7	38.0

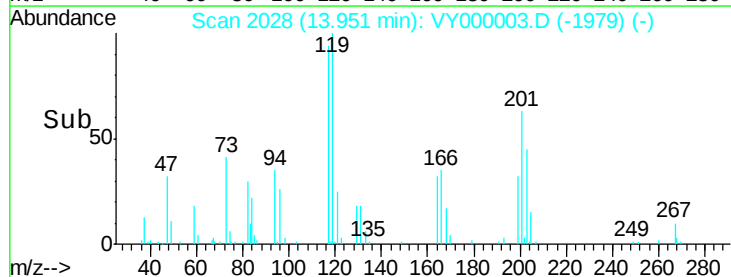
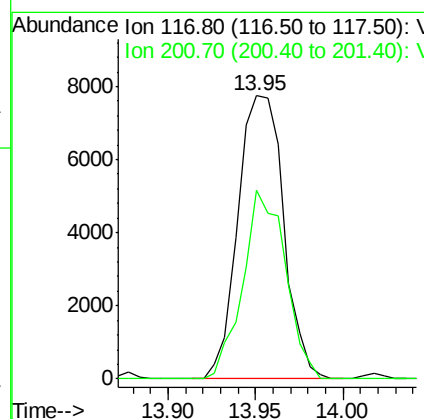
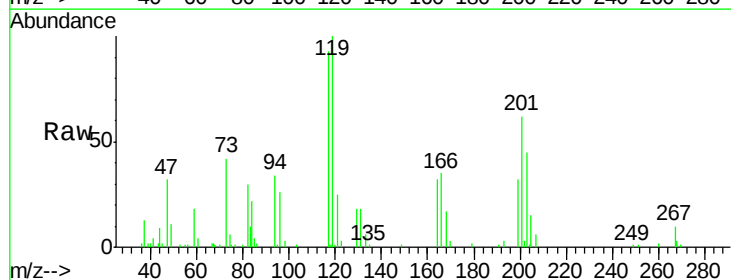
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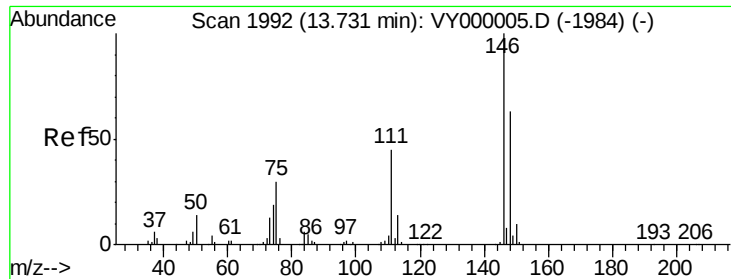
MMDadoda
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#90
Hexachloroethane
Concen: 11.029 ug/l
RT: 13.95 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	62.1	32.3	96.8





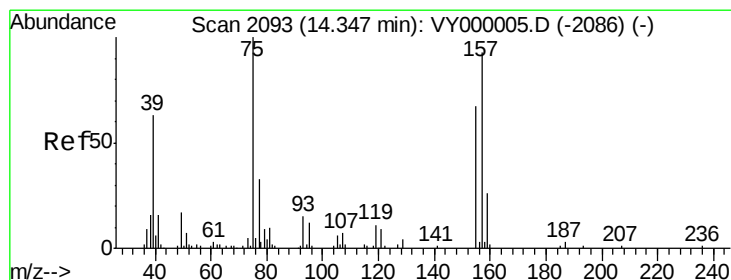
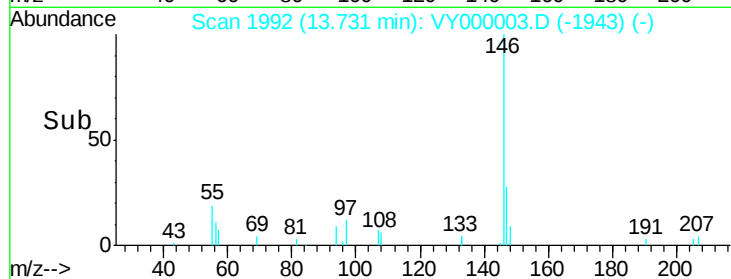
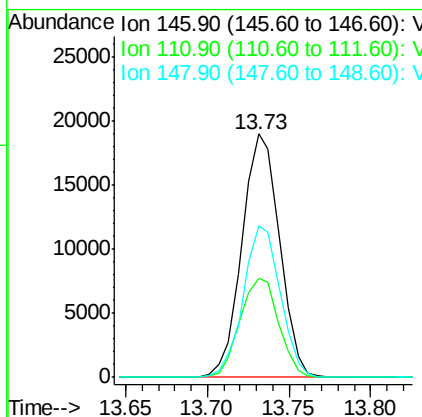
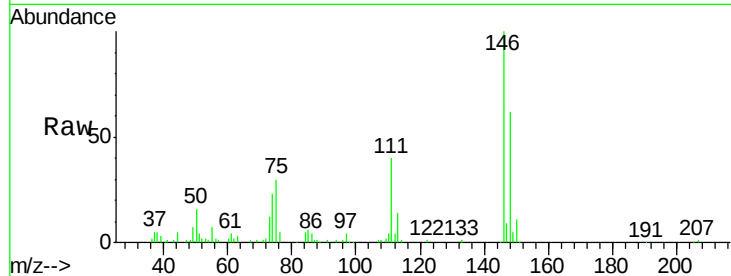
#91
 1,2-Dichlorobenzene
 Concen: 9.970 ug/l
 RT: 13.73 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: VY000003.D
 Acq: 11 Sep 2019 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.9	65.5
148	61.3	31.9	95.5

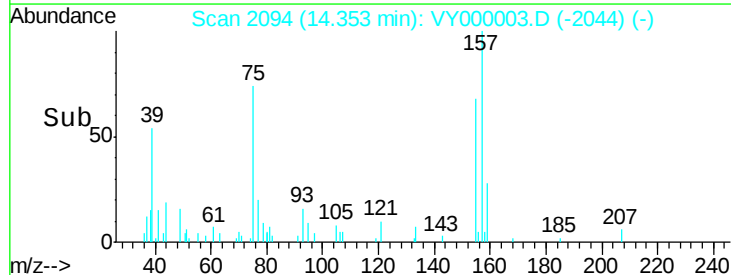
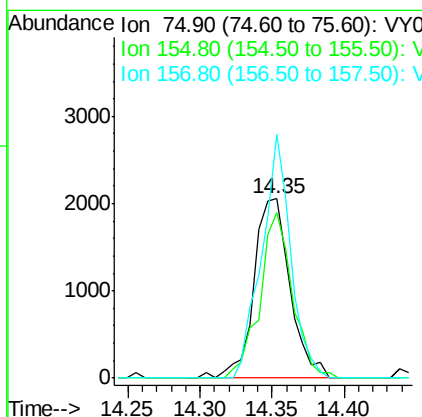
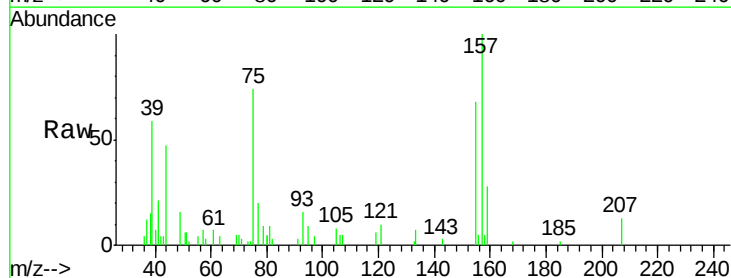
Manual Integrations
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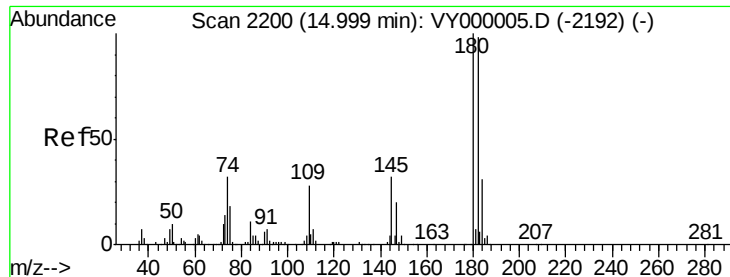
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 12.174 ug/l
 RT: 14.35 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: VY000003.D
 Acq: 11 Sep 2019 16:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.7	41.4	124.2
157	109.0	52.8	158.4





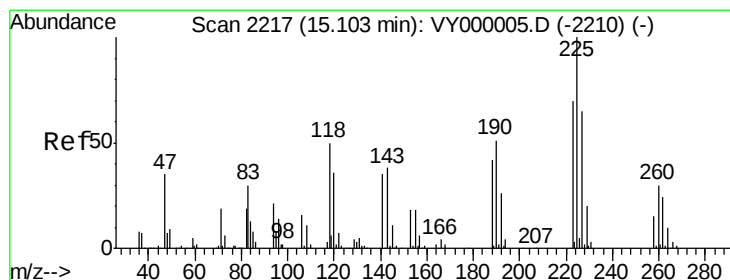
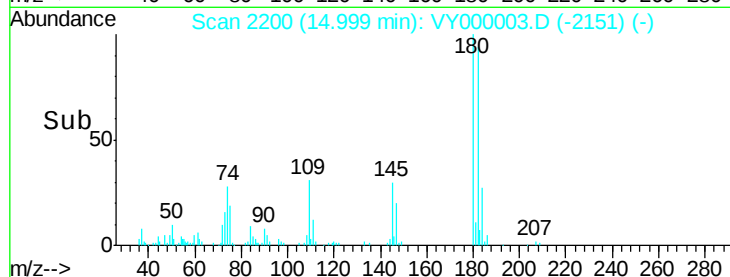
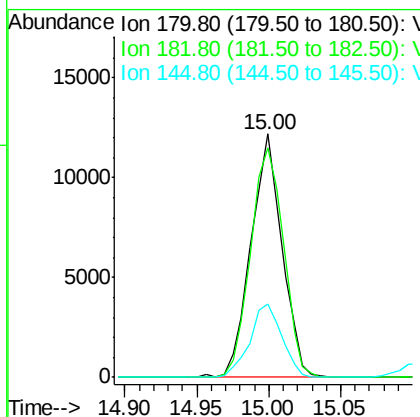
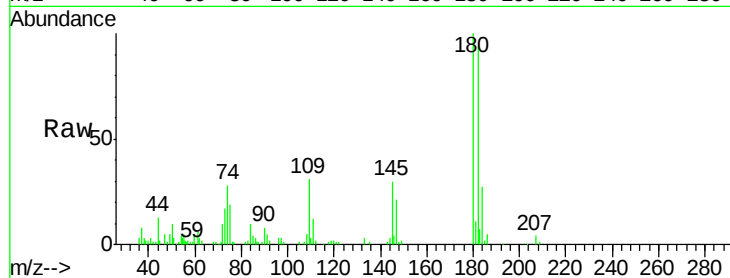
#93
 1,2,4-Trichlorobenzene
 Concen: 8.794 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY000003.D
 Acq: 11 Sep 2019 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	18186		
182	99.5	48.4	145.2	
145	30.8	17.2	51.6	

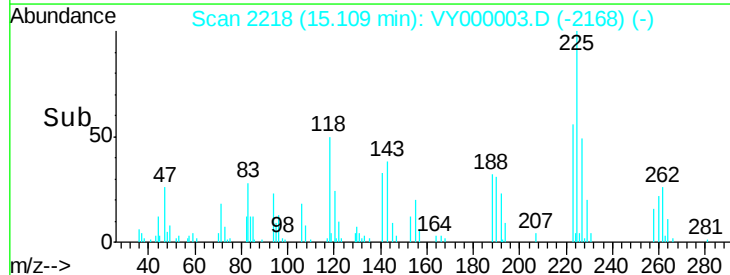
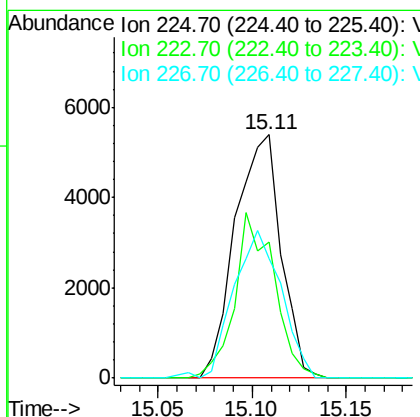
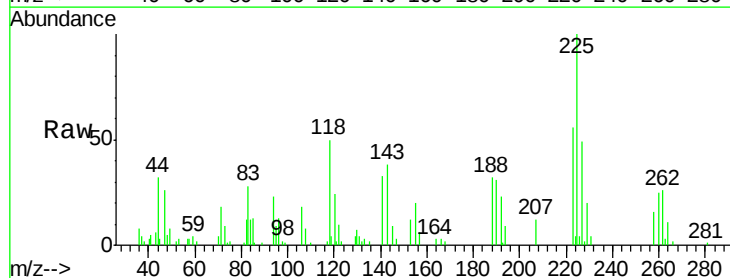
Manual Integrations
 APPROVED

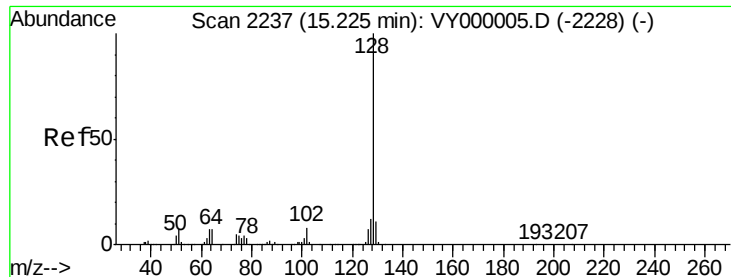
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#94
 Hexachlorobutadiene
 Concen: 6.624 ug/l
 RT: 15.11 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: VY000003.D
 Acq: 11 Sep 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	9089		
223	58.3	32.3	96.8	
227	63.4	31.8	95.4	





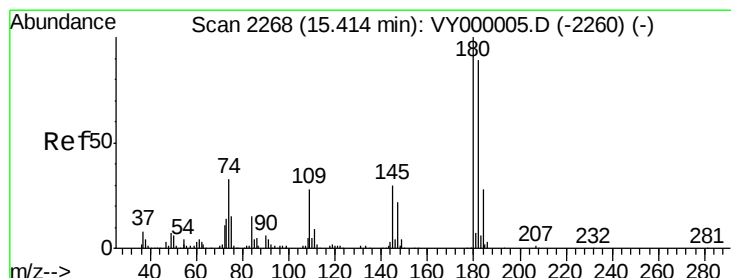
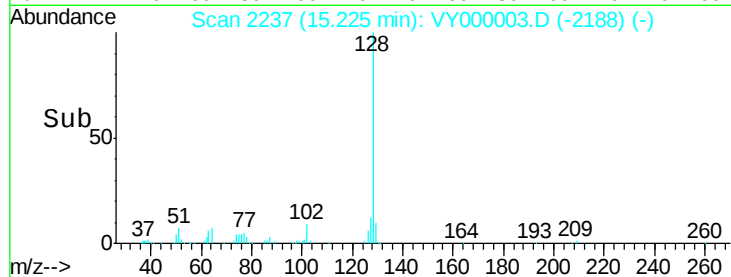
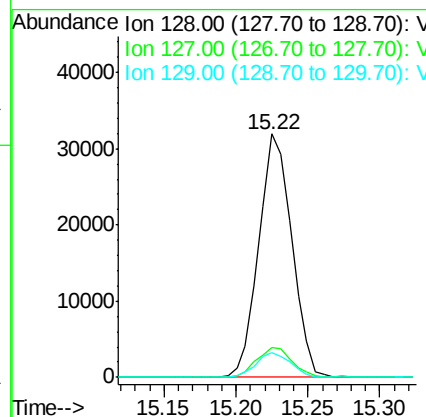
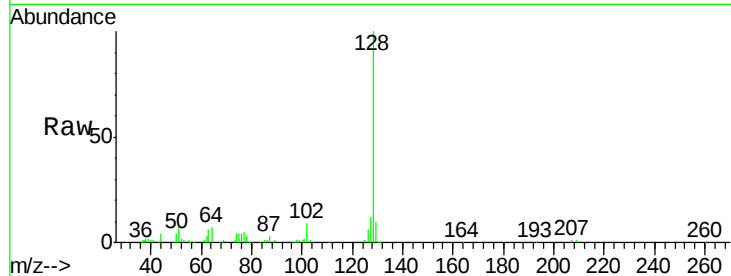
#95
Naphthalene
Concen: 12.260 ug/l
RT: 15.22 min Scan# 2237
Delta R.T. -0.00 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:	128	Resp:	50558
Ion Ratio	Lower	Upper	
128	100		
127	13.3	9.8	14.8
129	10.8	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 9.146 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. 0.01 min
Lab File: VY000003.D
Acq: 11 Sep 2019 16:54

Tgt Ion:	180	Resp:	16828
Ion Ratio	Lower	Upper	
180	100		
182	91.8	46.1	138.2
145	36.7	16.2	48.6

