

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
 Data File : VY000125.D
 Acq On : 23 Sep 2019 11:01
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:39:17 AM

Quant Time: Sep 24 05:03:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 04:45:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	113658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	217688	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	189325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	80202	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	6618	5.07	ug/l	0.00
Spiked Amount			Recovery	=	10.14%	
35) Dibromofluoromethane	7.72	113	6223	4.98	ug/l	0.00
Spiked Amount			Recovery	=	9.96%	
50) Toluene-d8	10.18	98	25537	5.07	ug/l	0.00
Spiked Amount			Recovery	=	10.14%	
62) 4-Bromofluorobenzene	12.48	95	9128	4.93	ug/l	0.00
Spiked Amount			Recovery	=	9.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	5679	5.037	ug/l	100
3) Chloromethane	2.11	50	16237	7.794	ug/l	99
4) Vinyl Chloride	2.25	62	8741	5.002	ug/l #	83
5) Bromomethane	2.64	94	6306	5.826	ug/l	100
6) Chloroethane	2.78	64	6106	5.656	ug/l #	86
7) Trichlorofluoromethane	3.12	101	10153	5.087	ug/l	94
8) Diethyl Ether	3.53	74	4329	5.060	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.90	101	6967	5.264	ug/l #	55
10) Methyl Iodide	4.09	142	6611	3.894	ug/l #	93
11) Tert butyl alcohol	4.96	59	3771	27.957	ug/l	94
12) 1,1-Dichloroethene	3.87	96	6695	4.898	ug/l	86
13) Acrolein	3.73	56	1771	32.315	ug/l	87
14) Allyl chloride	4.48	41	9612	4.982	ug/l	97
15) Acrylonitrile	5.17	53	10701	25.801	ug/l	96
16) Acetone	3.95	43	6943	27.337	ug/l #	84
17) Carbon Disulfide	4.19	76	23514	4.993	ug/l #	95
18) Methyl Acetate	4.48	43	4694	5.045	ug/l #	72
19) Methyl tert-butyl Ether	5.23	73	17121	4.820	ug/l	95
20) Methylene Chloride	4.71	84	9936	5.821	ug/l #	90
21) trans-1,2-Dichloroethene	5.21	96	7326	4.753	ug/l	91
22) Diisopropyl ether	6.12	45	20973	5.098	ug/l #	93
23) Vinyl Acetate	6.06	43	66417	24.226	ug/l	99
24) 1,1-Dichloroethane	6.02	63	12548	5.120	ug/l	98
25) 2-Butanone	6.99	43	12126	25.733	ug/l	93
26) 2,2-Dichloropropane	6.98	77	12945	5.829	ug/l	88
27) cis-1,2-Dichloroethene	6.99	96	8500	4.954	ug/l	88
28) Bromochloromethane	7.33	49	4927	5.145	ug/l #	95
29) Tetrahydrofuran	7.35	42	7733	24.234	ug/l	93
30) Chloroform	7.51	83	12801	5.189	ug/l	92
31) Cyclohexane	7.79	56	14405	5.669	ug/l #	84
32) 1,1,1-Trichloroethane	7.70	97	10450	5.148	ug/l	97
36) 1,1-Dichloropropene	7.92	75	10022	4.972	ug/l	96
37) Ethyl Acetate	7.08	43	5133	4.822	ug/l #	89
38) Carbon Tetrachloride	7.90	117	8191	4.735	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	13803	4.979	ug/l	90
40) Benzene	8.15	78	31056	4.992	ug/l	97
41) Methacrylonitrile	7.31	41	2865	3.392	ug/l #	79
42) 1,2-Dichloroethane	8.23	62	7860	4.955	ug/l	92
43) Isopropyl Acetate	8.27	43	10939	5.138	ug/l #	56
44) Trichloroethene	8.94	130	7577	4.905	ug/l	94
45) 1,2-Dichloropropane	9.21	63	8172	5.439	ug/l	96
46) Dibromomethane	9.31	93	4286	5.129	ug/l	92
47) Bromodichloromethane	9.50	83	9547	4.990	ug/l #	98
48) Methyl methacrylate	9.30	41	4590	5.045	ug/l	90
49) 1,4-Dioxane	9.30	88	1112	84.292	ug/l #	69
51) 4-Methyl-2-Pentanone	10.07	43	26641	24.555	ug/l	99
52) Toluene	10.24	92	19725	5.131	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	10723	5.140	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	11197	4.629	ug/l	92
55) 1,1,2-Trichloroethane	10.65	97	6487	5.421	ug/l #	92
56) Ethyl methacrylate	10.51	69	7969	4.728	ug/l	94
57) 1,3-Dichloropropane	10.79	76	10551	5.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	22144	26.609	ug/l	98
59) 2-Hexanone	10.84	43	18675	24.574	ug/l	99
60) Dibromochloromethane	10.98	129	5668	4.532	ug/l	93
61) 1,2-Dibromoethane	11.09	107	5790	5.148	ug/l	99
64) Tetrachloroethene	10.72	164	7882	5.469	ug/l #	83
65) Chlorobenzene	11.51	112	19121	4.975	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	5983	4.845	ug/l	90
67) Ethyl Benzene	11.59	91	35112	5.026	ug/l #	81
68) m/p-Xylenes	11.69	106	26923	9.994	ug/l	97
69) o-Xylene	12.02	106	12800	4.970	ug/l	97
70) Styrene	12.04	104	20302	4.666	ug/l	94
71) Bromoform	12.19	173	3407	4.886	ug/l #	97
73) Isopropylbenzene	12.33	105	32524	5.093	ug/l	95
74) N-amyl acetate	12.14	43	8625	4.846	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.58	83	6680	5.239	ug/l	91
76) 1,2,3-Trichloropropane	12.63	75	4339m	2.701	ug/l	
77) Bromobenzene	12.60	156	6089	4.560	ug/l	75
78) n-propylbenzene	12.67	91	40368	5.111	ug/l	99
79) 2-Chlorotoluene	12.76	91	22359	5.157	ug/l	94
80) 1,3,5-Trimethylbenzene	12.81	105	27282	5.105	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.37	75	2515	4.918	ug/l #	90
82) 4-Chlorotoluene	12.85	91	22935	5.129	ug/l	93
83) tert-Butylbenzene	13.07	119	22193	5.070	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	27515	5.159	ug/l	98
85) sec-Butylbenzene	13.25	105	32803	5.013	ug/l	99
86) p-Isopropyltoluene	13.37	119	27716	4.968	ug/l	96
87) 1,3-Dichlorobenzene	13.36	146	13258	5.074	ug/l	93
88) 1,4-Dichlorobenzene	13.44	146	13658	5.121	ug/l	94
89) n-Butylbenzene	13.69	91	28740	5.022	ug/l	98
90) Hexachloroethane	13.96	117	5681	5.141	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	12917	5.241	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.35	75	1164	4.967	ug/l	96

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ClientSampleId :
VSTDICC005

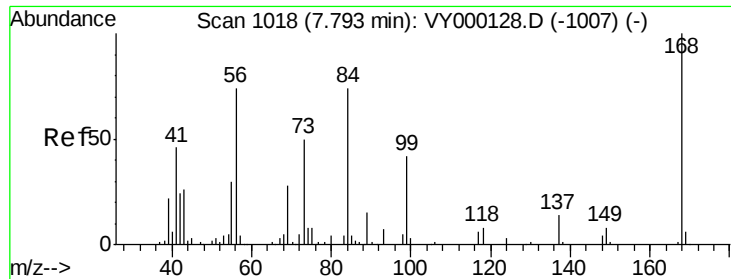
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	8149	5.142	ug/l	99
94) Hexachlorobutadiene	15.10	225	3347	4.752	ug/l	96
95) Naphthalene	15.23	128	20287	5.064	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	6848	4.845	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 113658

Ion Ratio Lower Upper

168 100

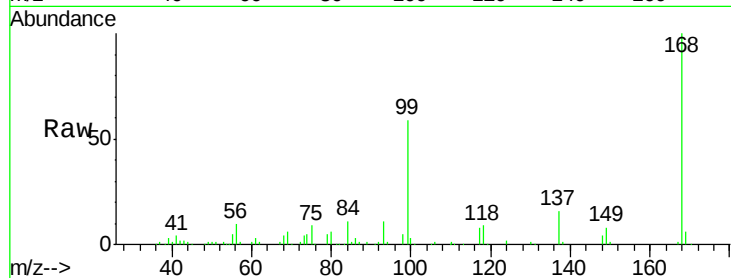
99 59.0 49.9 74.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000125.D (-969) (-)

Ion 98.90 (98.60 to 99.60): VY000125.D (-969) (-)

7.79

50000

40000

30000

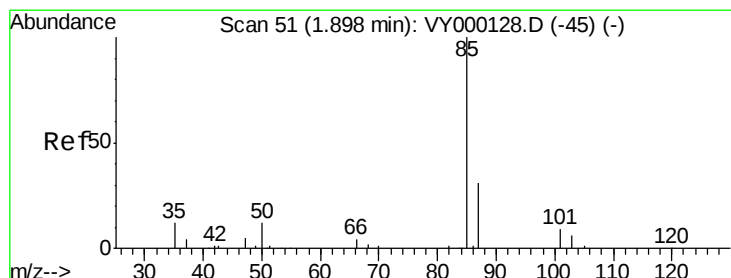
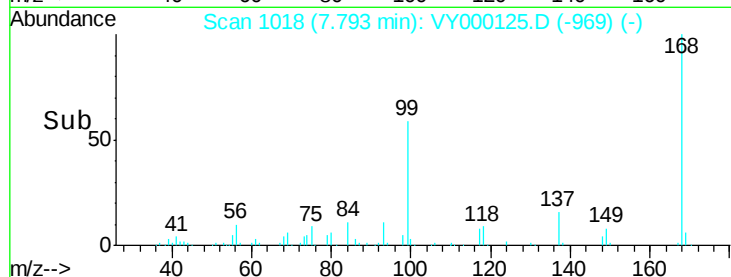
20000

10000

0

Time-->

7.70 7.75 7.80 7.85 7.90



#2

Dichlorodifluoromethane

Concen: 5.037 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000125.D

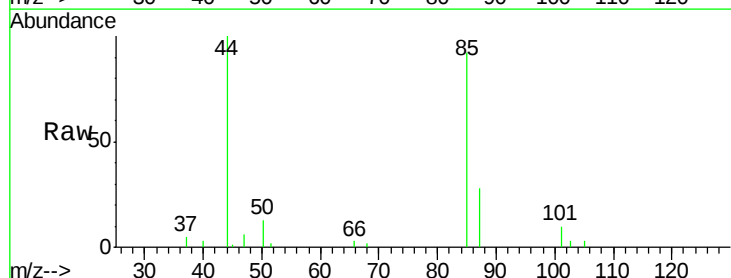
Acq: 23 Sep 2019 11:01

Tgt Ion: 85 Resp: 5679

Ion Ratio Lower Upper

85 100

87 30.7 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VY000125.D (-2) (-)

Ion 86.90 (86.60 to 87.60): VY000125.D (-2) (-)

1.90

4000

3000

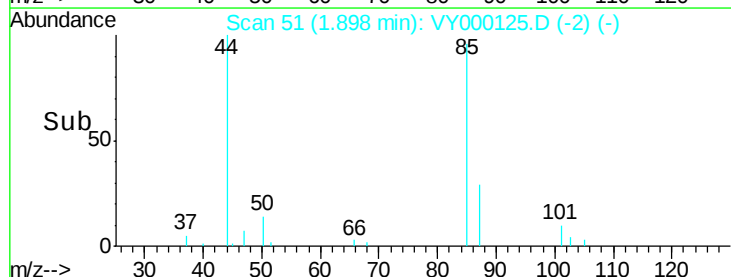
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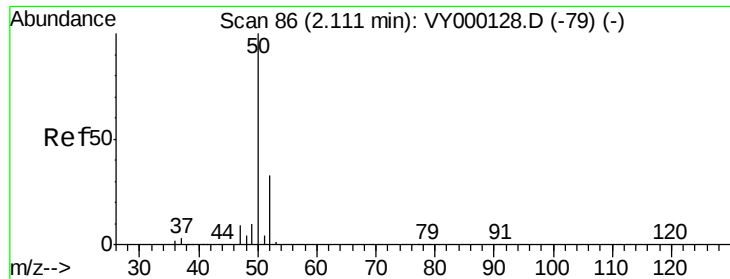
1000

0

Time-->

1.85 1.90 1.95 2.00





#3

Chloromethane

Concen: 7.794 ug/l

RT: 2.11 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 16237

Ion Ratio Lower Upper

50 100

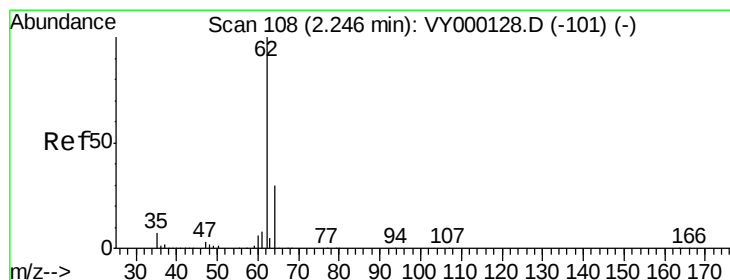
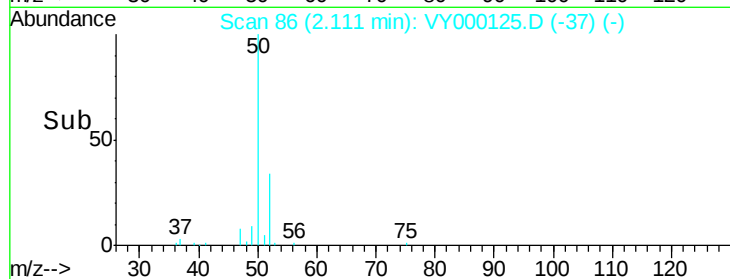
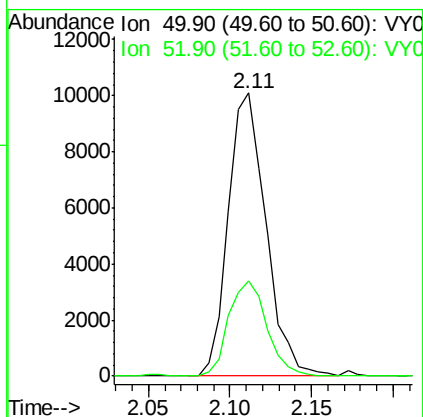
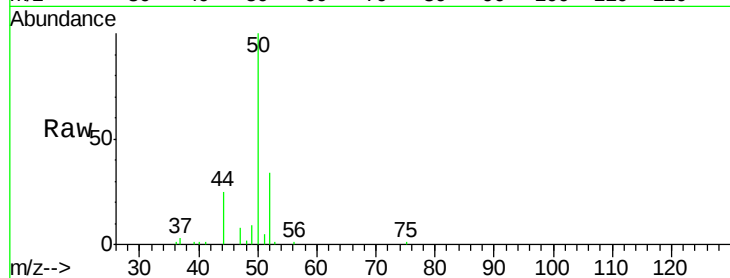
52 33.6 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.002 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000125.D

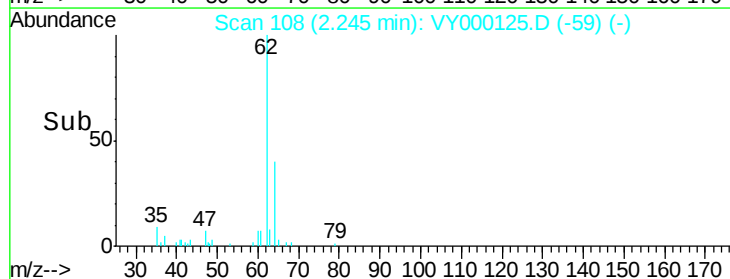
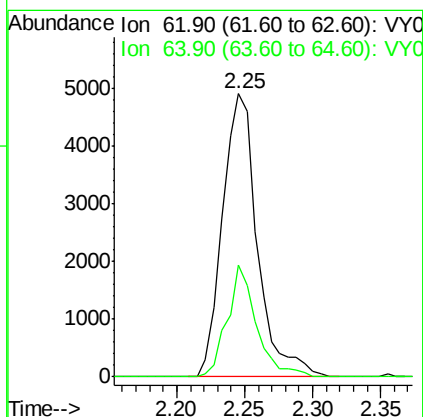
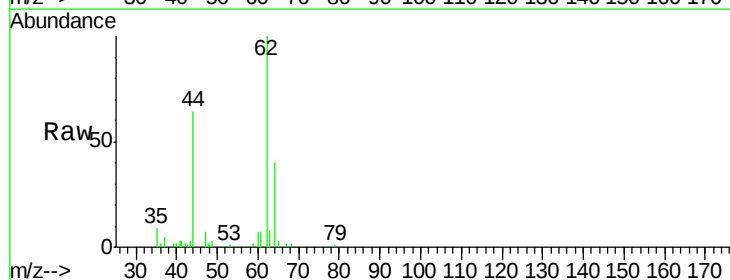
Acq: 23 Sep 2019 11:01

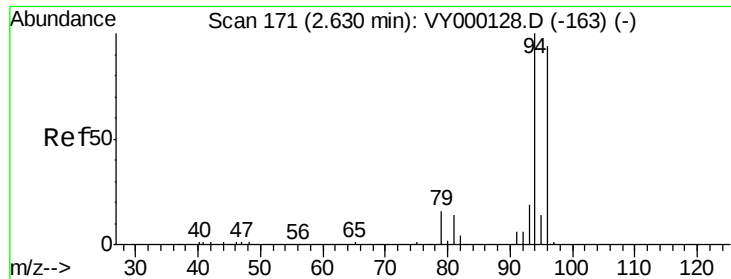
Tgt Ion: 62 Resp: 8741

Ion Ratio Lower Upper

62 100

64 39.5 24.4 36.6#





#5

Bromomethane

Concen: 5.826 ug/l

RT: 2.64 min Scan# 172

Delta R.T. 0.01 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 6306

Ion Ratio Lower Upper

94 100

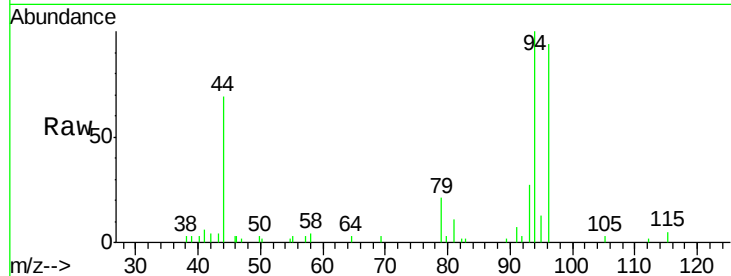
96 93.7 75.1 112.7

Manual Integrations

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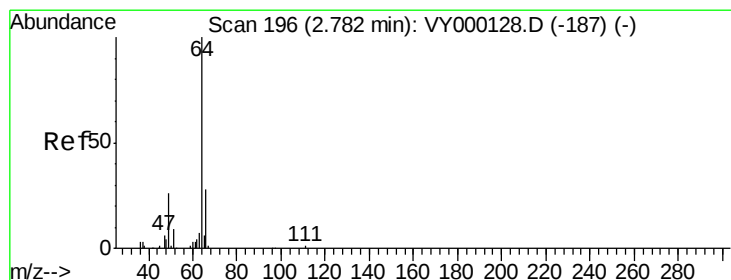
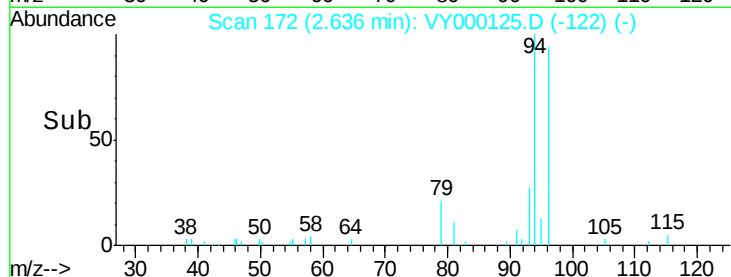
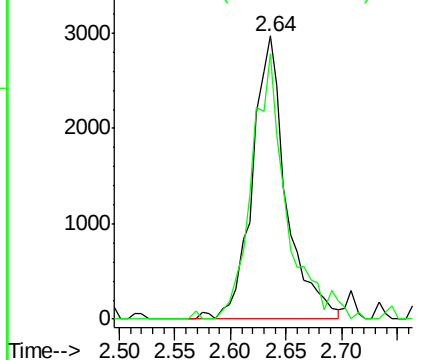
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 5.656 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VY000125.D

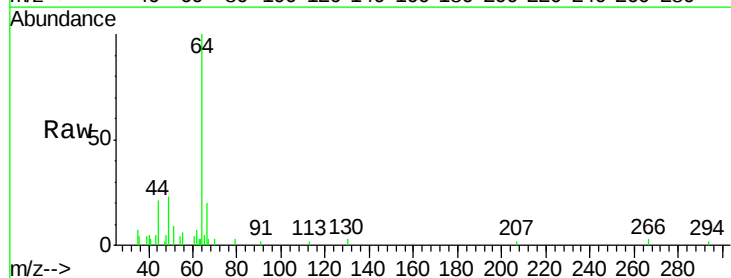
Acq: 23 Sep 2019 11:01

Tgt Ion: 64 Resp: 6106

Ion Ratio Lower Upper

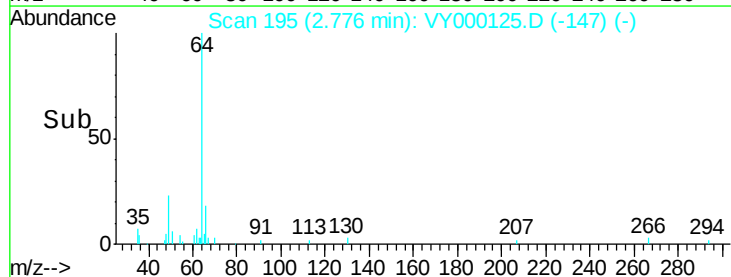
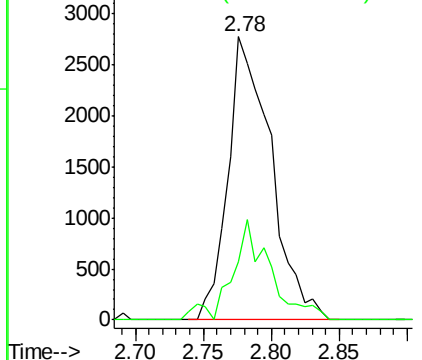
64 100

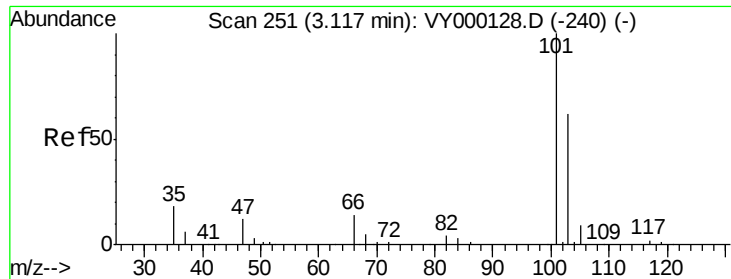
66 20.4 22.4 33.6#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

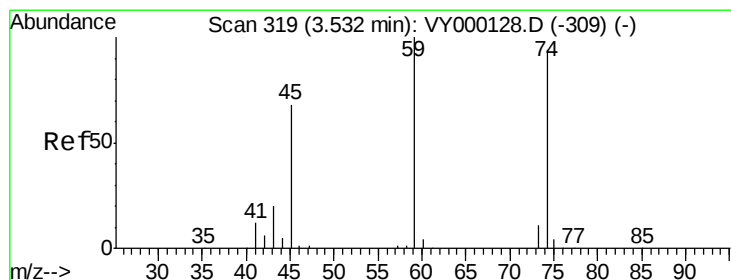
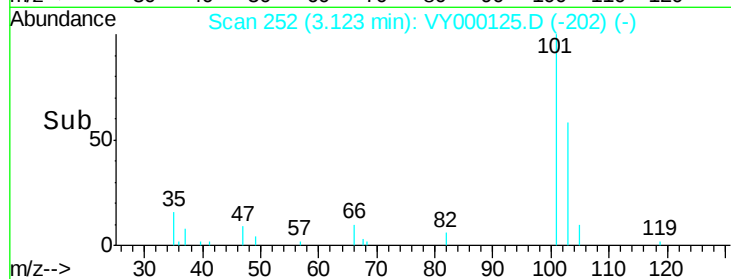
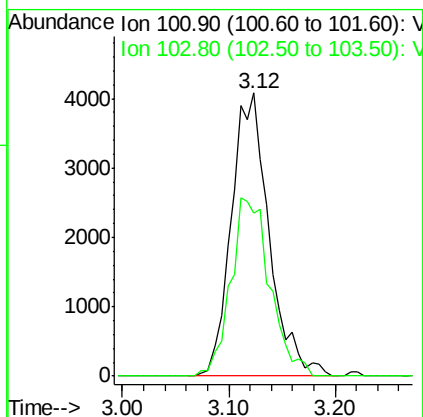
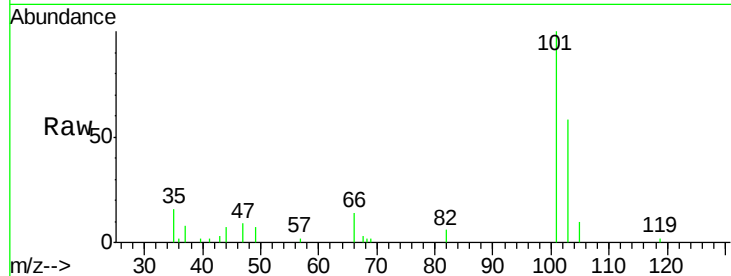
Trichlorofluoromethane
Concen: 5.087 ug/l
RT: 3.12 min Scan# 252
Delta R.T. 0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
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ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	57.7	49.9	74.9

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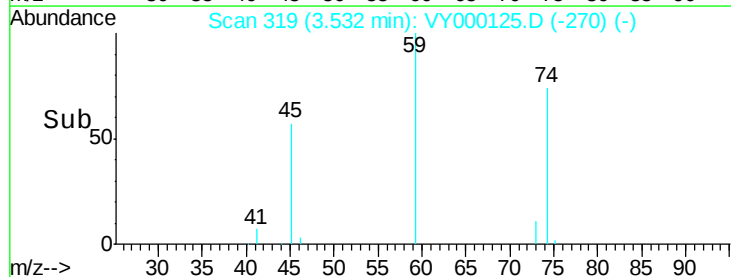
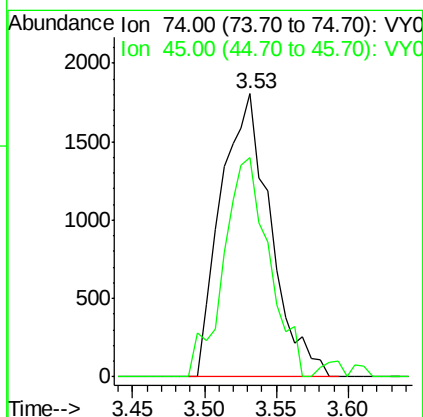
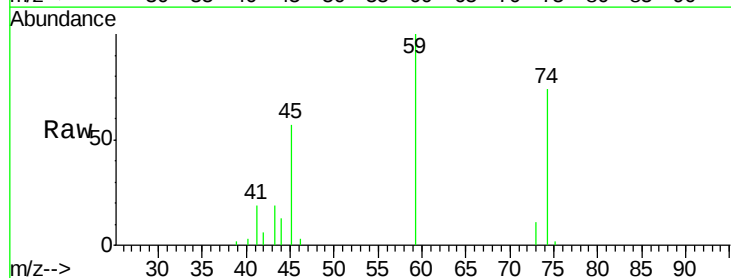
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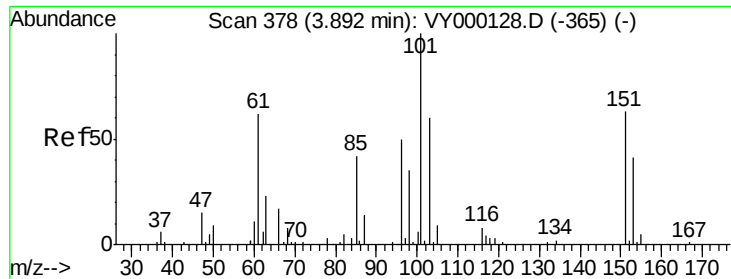


#8

Diethyl Ether
Concen: 5.060 ug/l
RT: 3.53 min Scan# 319
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	71.0	40.1	120.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.264 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:101 Resp: 6967
Ion Ratio Lower Upper

101 100

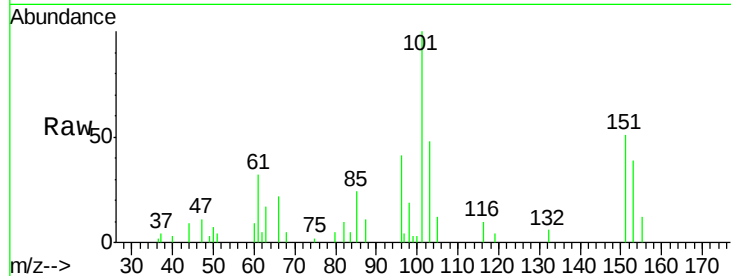
85 22.7 36.7 55.1#

151 26.4 53.9 80.9#

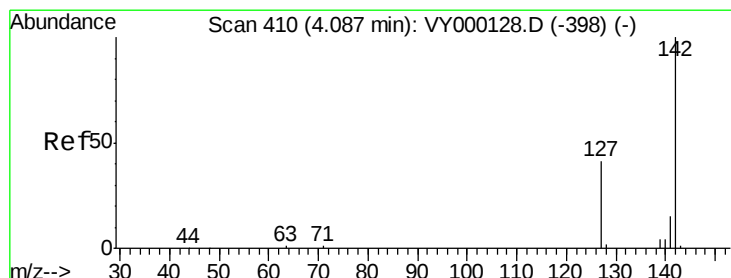
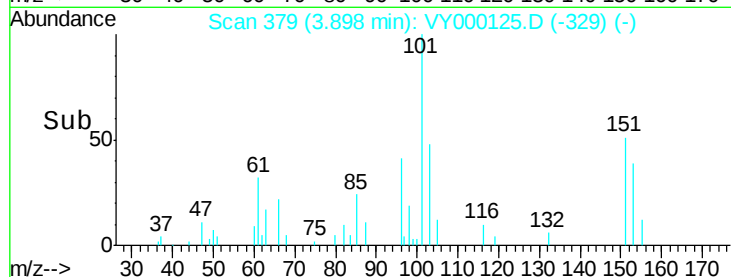
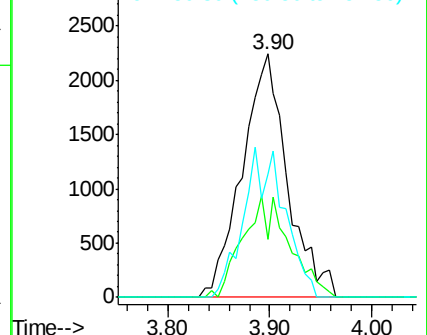
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.894 ug/l

RT: 4.09 min Scan# 410

Delta R.T. -0.00 min

Lab File: VY000125.D

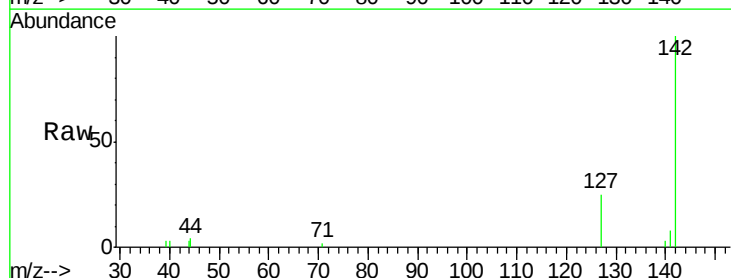
Acq: 23 Sep 2019 11:01

Tgt Ion:142 Resp: 6611
Ion Ratio Lower Upper

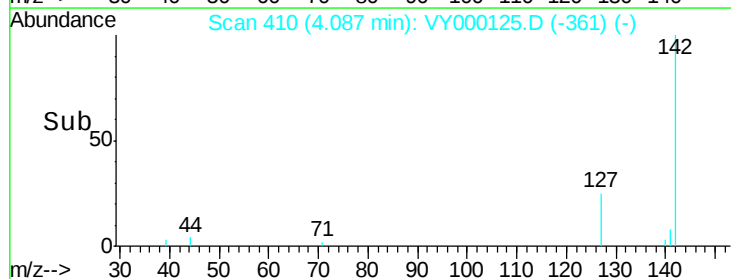
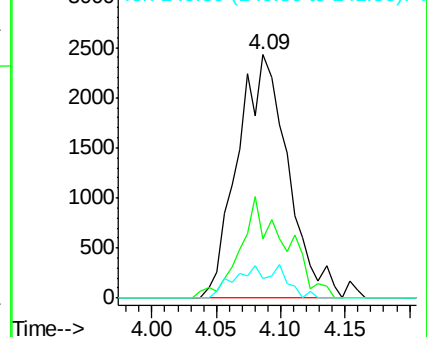
142 100

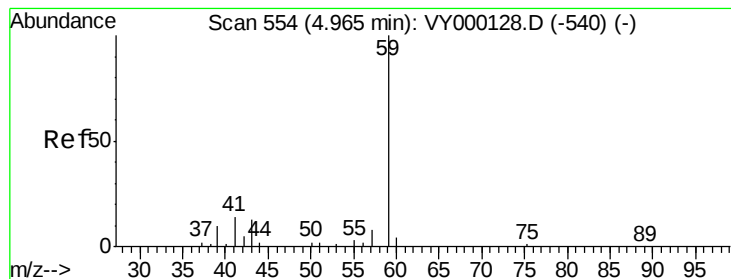
127 37.2 32.8 49.2

141 8.9 10.8 16.2#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

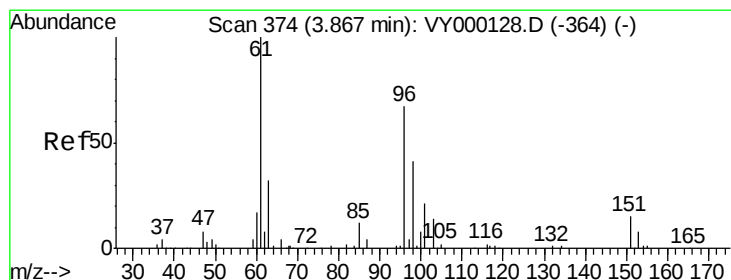
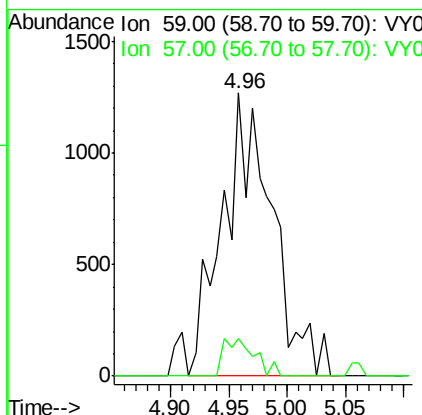
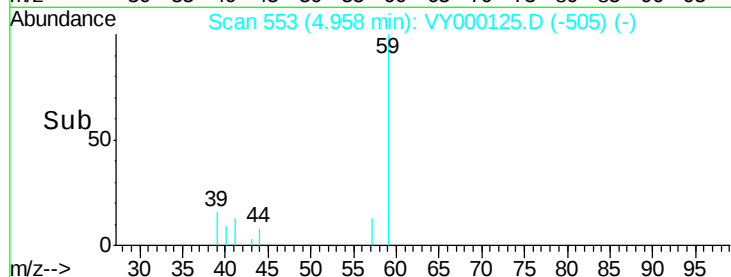
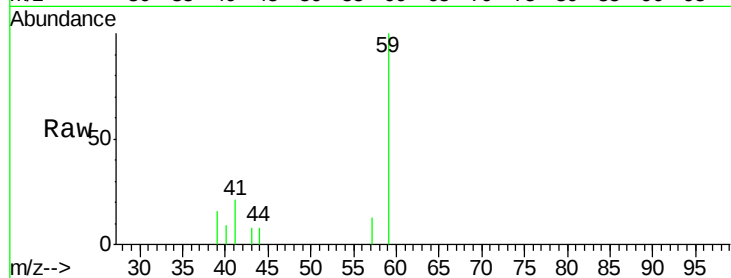
Tert butyl alcohol
Concen: 27.957 ug/l
RT: 4.96 min Scan# 553
Delta R.T. -0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.2	8.2	12.4

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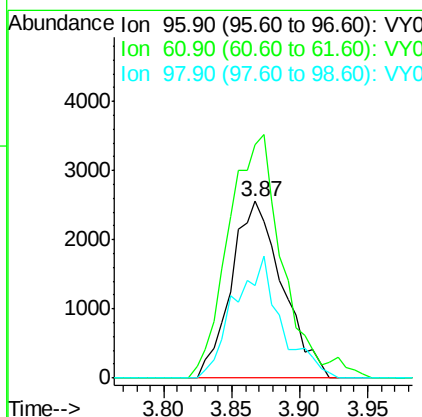
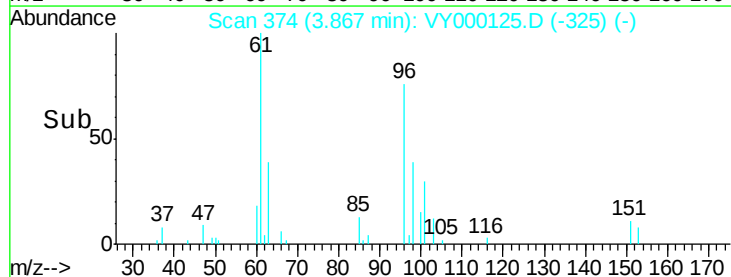
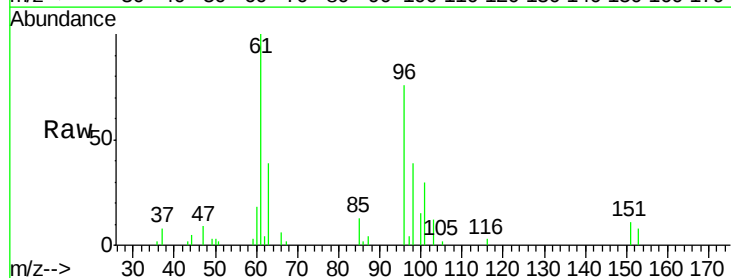
MMDadoda
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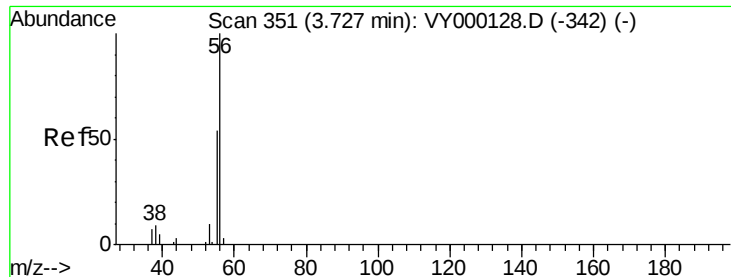


#12

1,1-Dichloroethene
Concen: 4.898 ug/l
RT: 3.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.5	119.8	179.6
98	52.0	48.8	73.2





#13

Acrolein

Concen: 32.315 ug/l

RT: 3.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 1771

Ion Ratio Lower Upper

56 100

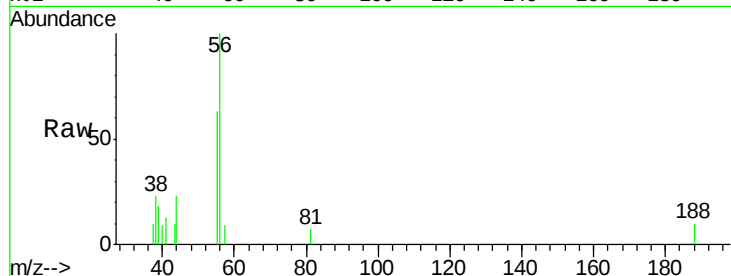
55 72.0 49.4 74.0

Manual Integrations

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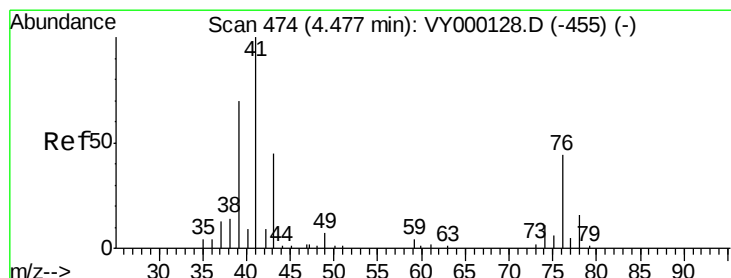
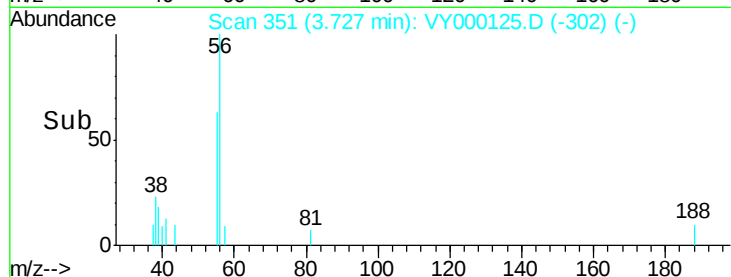
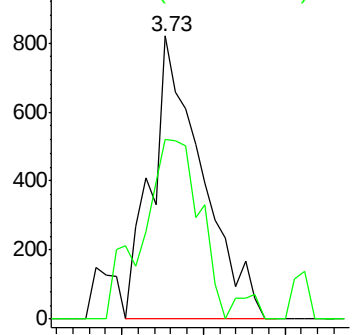
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 4.982 ug/l

RT: 4.48 min Scan# 475

Delta R.T. 0.01 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

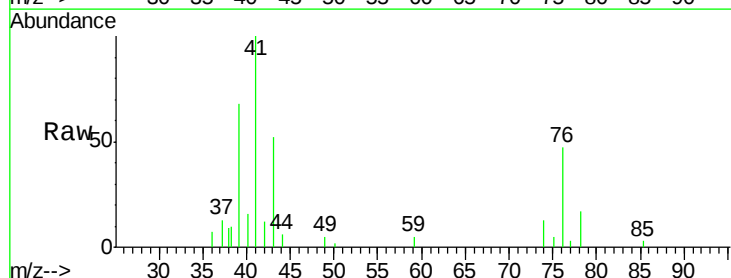
Tgt Ion: 41 Resp: 9612

Ion Ratio Lower Upper

41 100

39 65.1 52.7 79.1

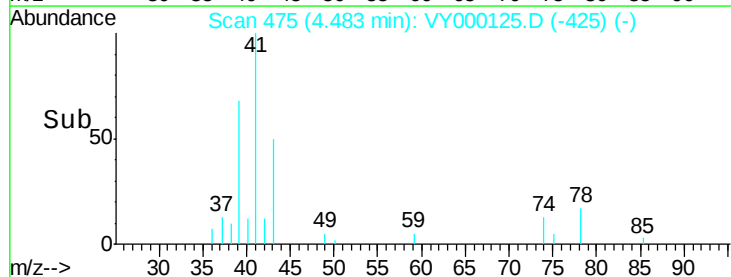
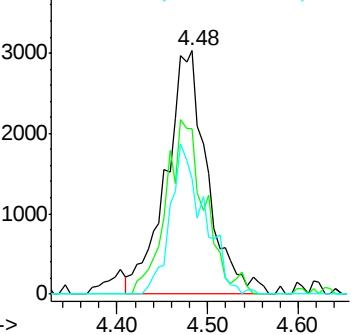
76 50.3 36.6 55.0

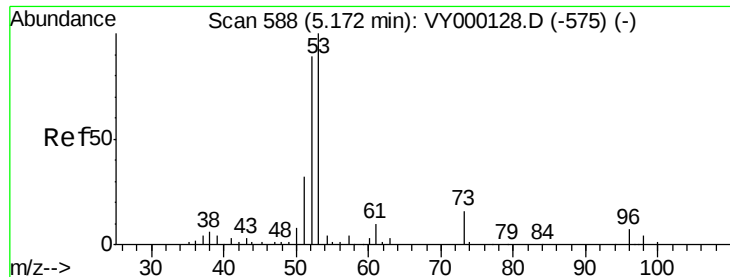


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 25.801 ug/l

RT: 5.17 min Scan# 588

Delta R.T. -0.00 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

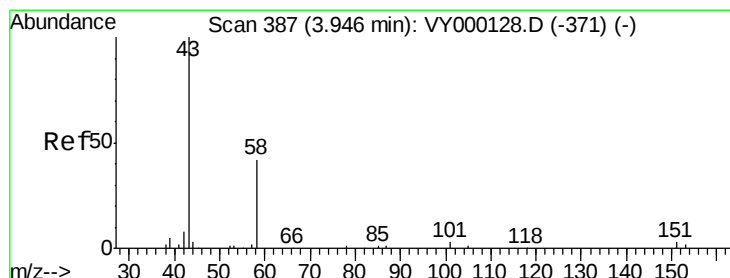
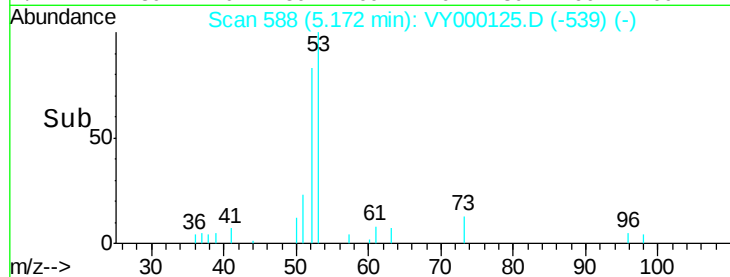
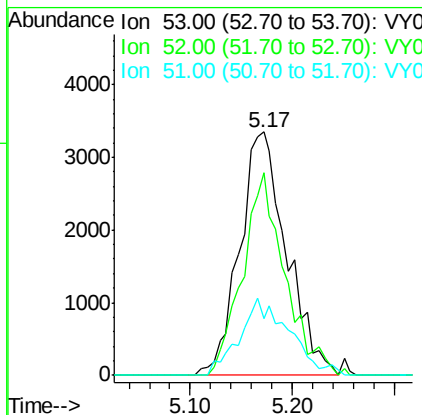
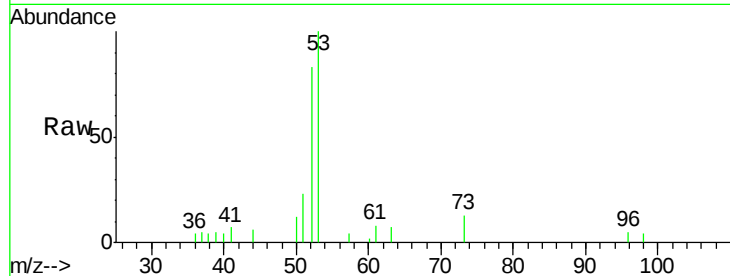
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	10701
Ion	Ratio	Lower	Upper
53	100		
52	75.4	63.8	95.8
51	33.5	26.6	40.0

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#16

Acetone

Concen: 27.337 ug/l

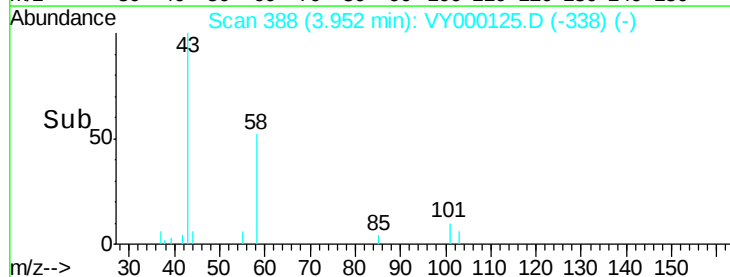
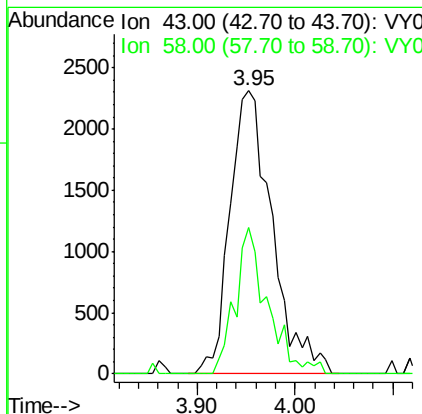
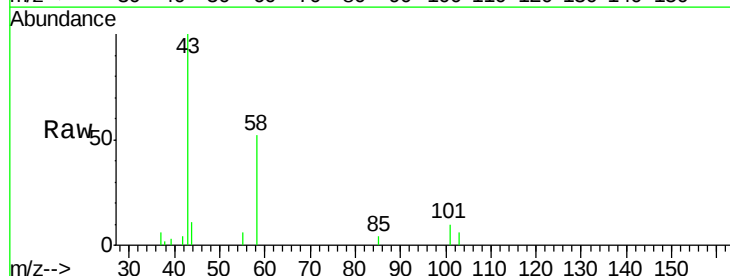
RT: 3.95 min Scan# 388

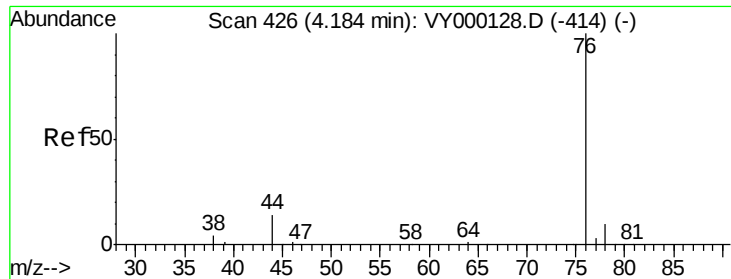
Delta R.T. 0.01 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Tgt Ion:	43	Resp:	6943
Ion	Ratio	Lower	Upper
43	100		
58	51.7	33.5	50.3#





#17

Carbon Disulfide

Concen: 4.993 ug/l

RT: 4.19 min Scan# 427

Delta R.T. 0.01 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 23514

Ion Ratio Lower Upper

76 100

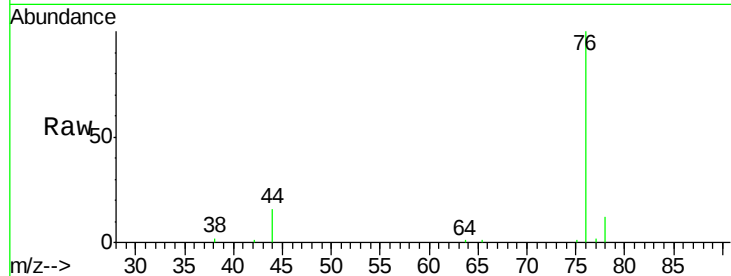
78 11.9 7.9 11.9#

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.19

8000

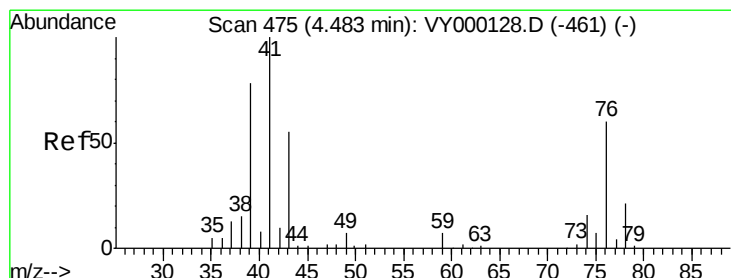
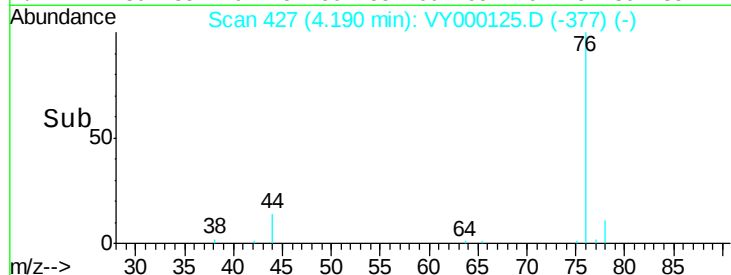
6000

4000

2000

0

Time-->



#18

Methyl Acetate

Concen: 5.045 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.01 min

Lab File: VY000125.D

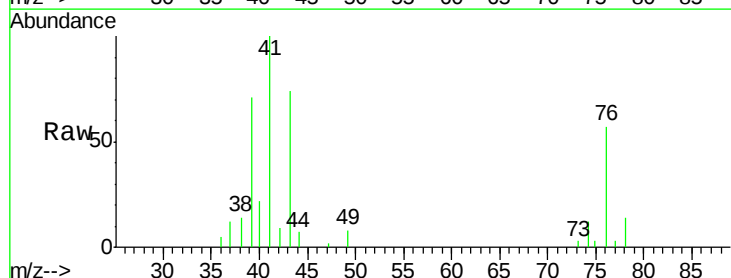
Acq: 23 Sep 2019 11:01

Tgt Ion: 43 Resp: 4694

Ion Ratio Lower Upper

43 100

74 13.8 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

2500

2000

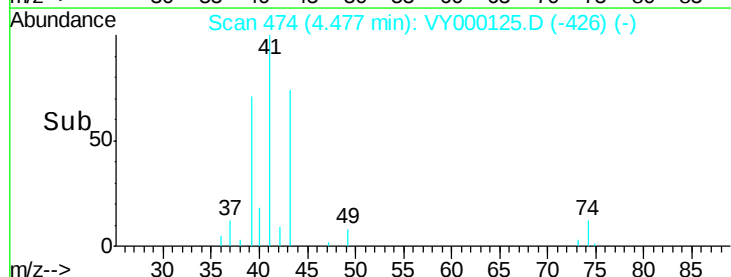
1500

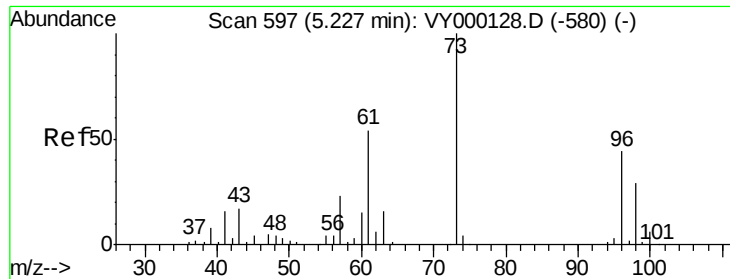
1000

500

0

Time-->





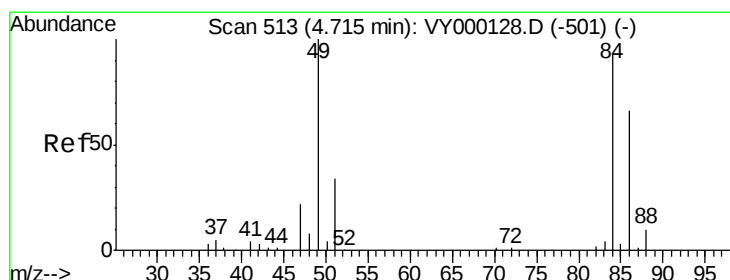
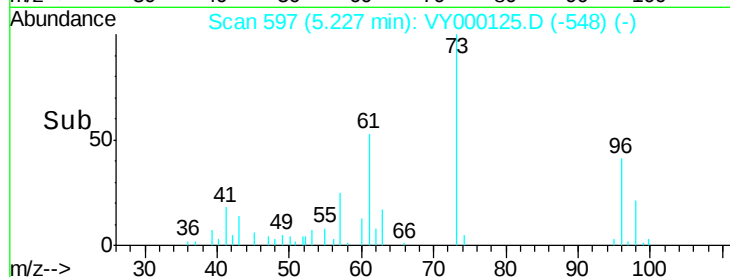
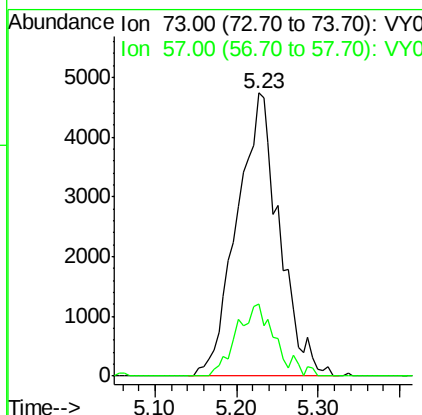
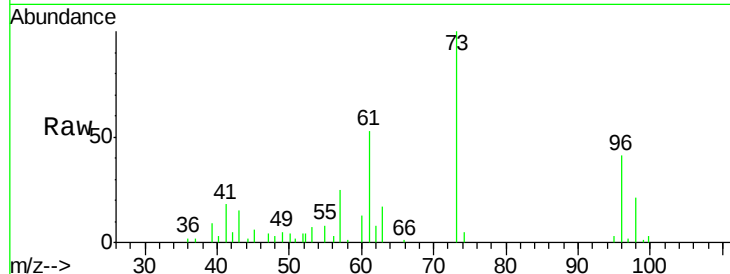
#19
Methyl tert-butyl Ether
Concen: 4.820 ug/l
RT: 5.23 min Scan# 597
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

Tot Ion: 73 Resp: 17121
Ion Ratio Lower Upper
73 100
57 25.4 18.3 27.5

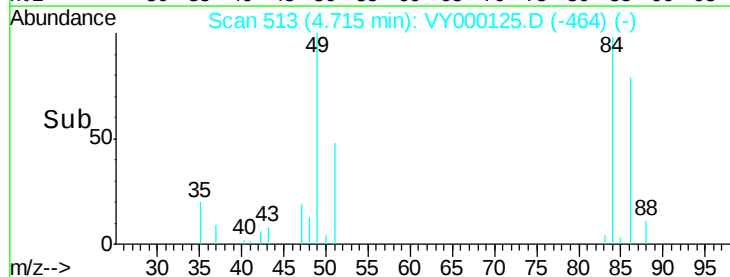
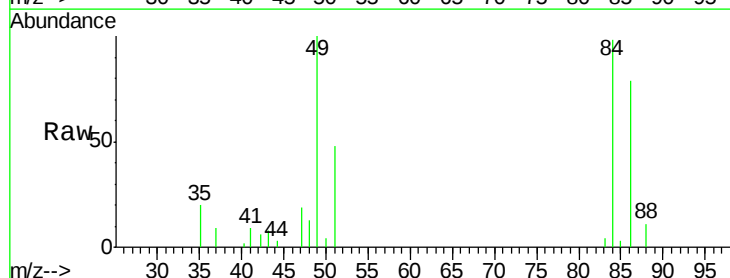
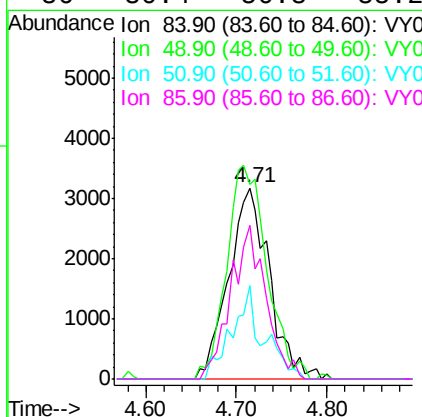
Manual Integrations
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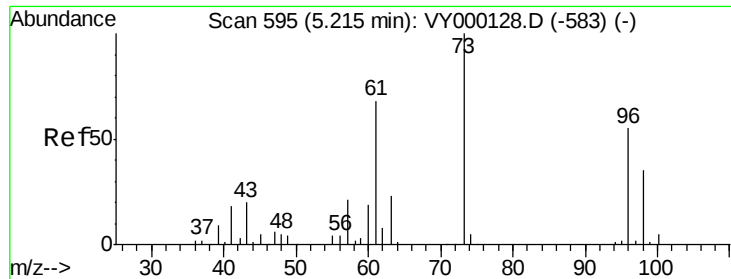
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#20
Methylene Chloride
Concen: 5.821 ug/l
RT: 4.71 min Scan# 513
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion: 84 Resp: 9936
Ion Ratio Lower Upper
84 100
49 101.9 85.8 128.6
51 48.8 29.2 43.8#
86 80.4 56.8 85.2





#21

trans-1,2-Dichloroethene

Concen: 4.753 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

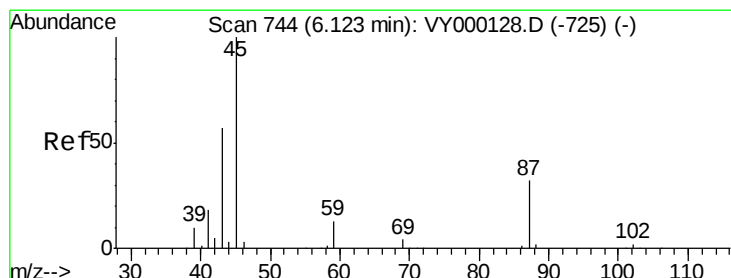
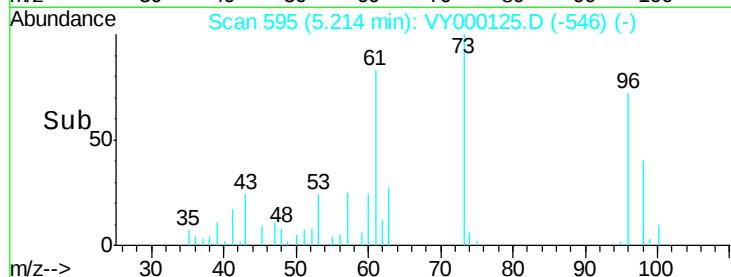
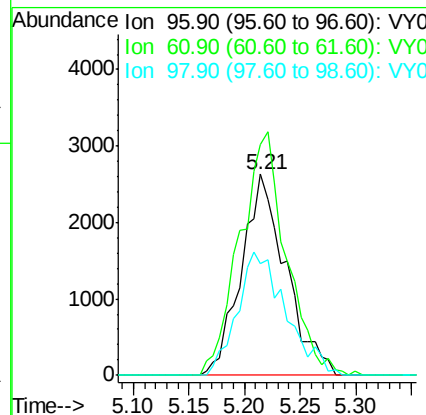
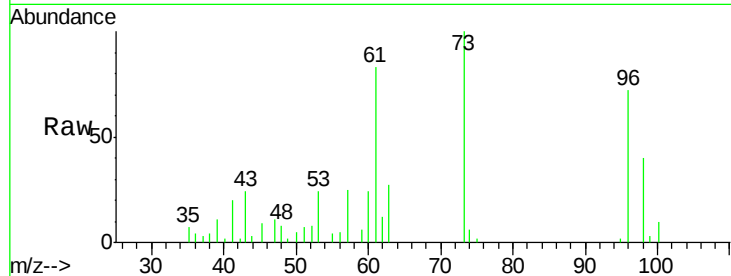
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	7326
Ion	Ratio	Lower	Upper
96	100		
61	114.8	99.0	148.6
98	55.3	51.0	76.4

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#22

Diisopropyl ether

Concen: 5.098 ug/l

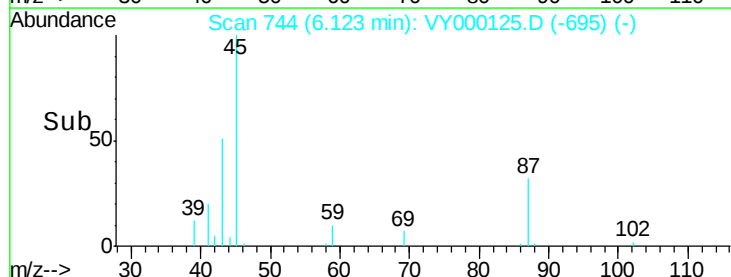
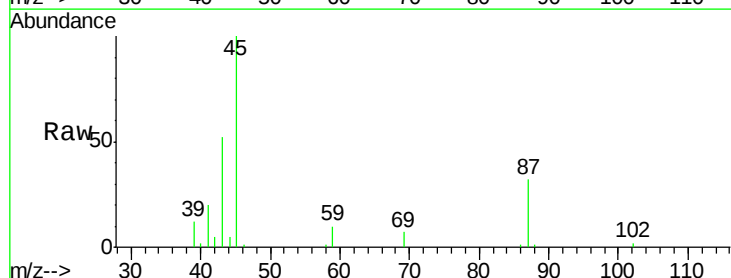
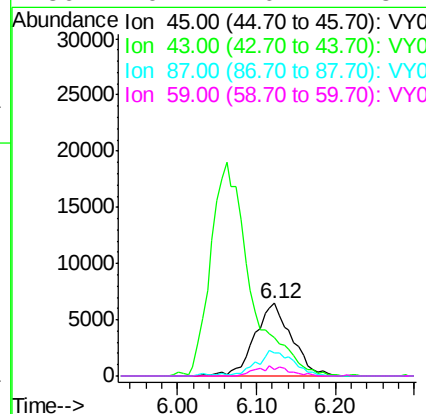
RT: 6.12 min Scan# 744

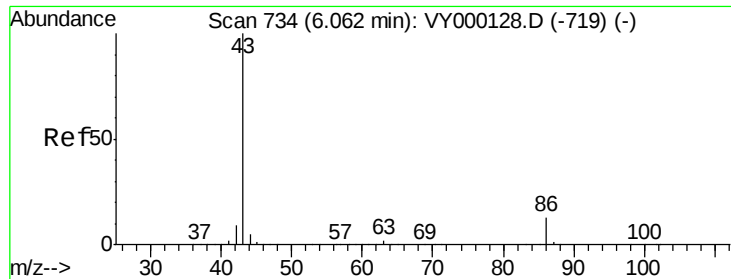
Delta R.T. -0.00 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Tgt Ion:	45	Resp:	20973
Ion	Ratio	Lower	Upper
45	100		
43	52.1	48.2	72.4
87	31.8	25.9	38.9
59	9.7	10.2	15.2#





#23

Vinyl Acetate

Concen: 24.226 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 66417

Ion Ratio Lower Upper

43 100

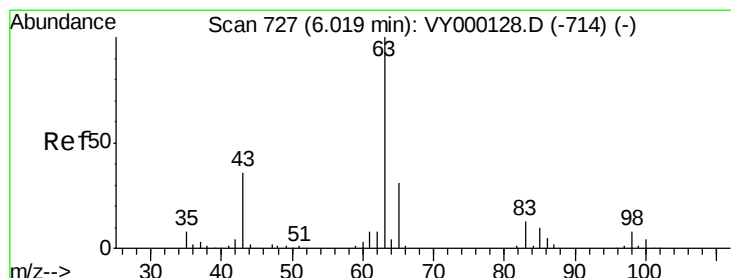
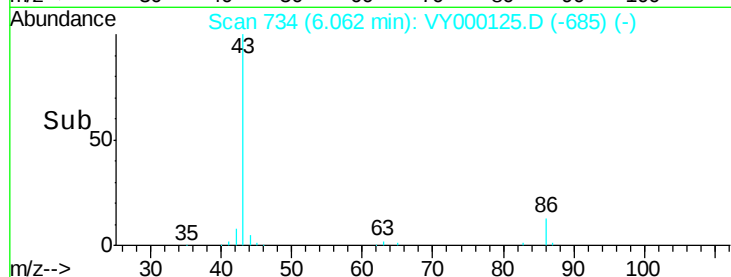
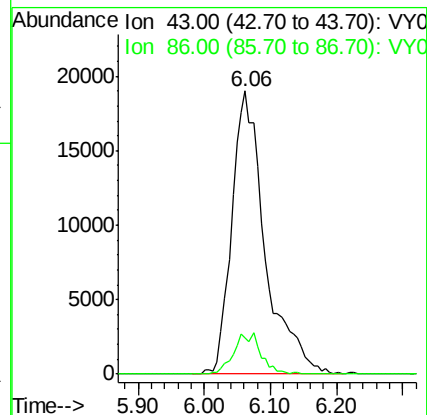
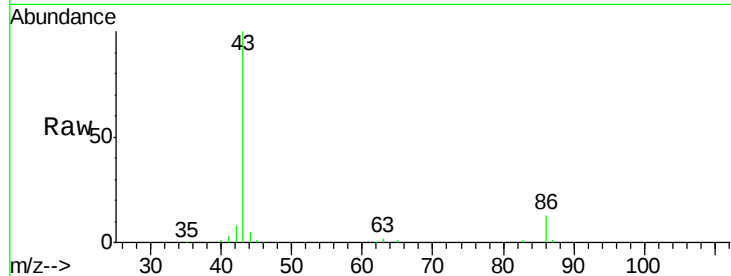
86 13.0 10.6 16.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 5.120 ug/l

RT: 6.02 min Scan# 727

Delta R.T. -0.00 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

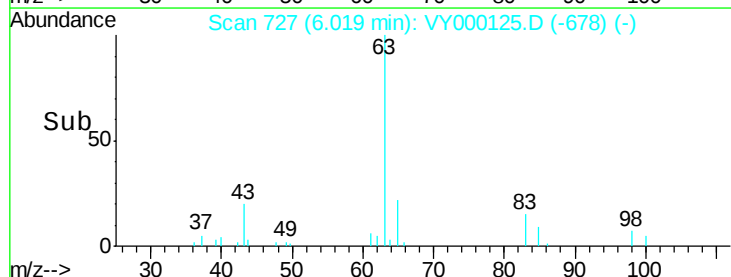
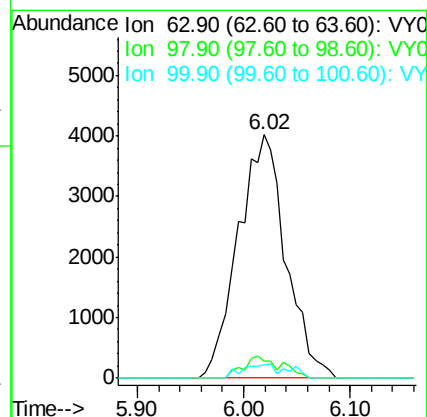
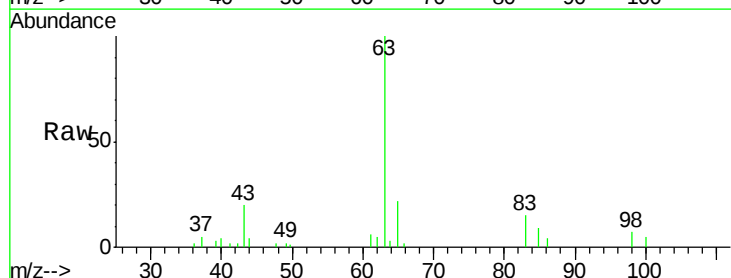
Tgt Ion: 63 Resp: 12548

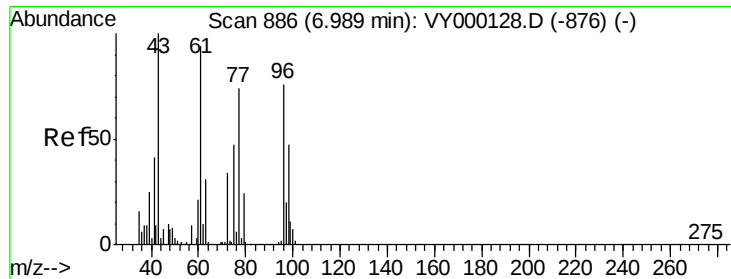
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

100 5.3 2.2 6.6





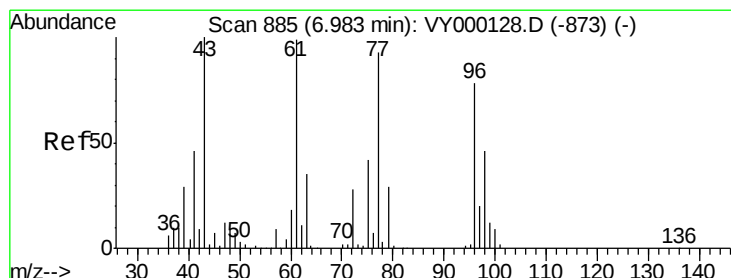
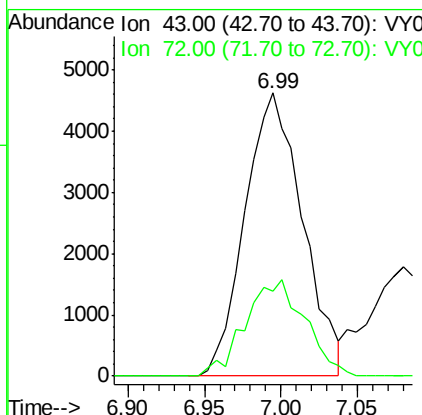
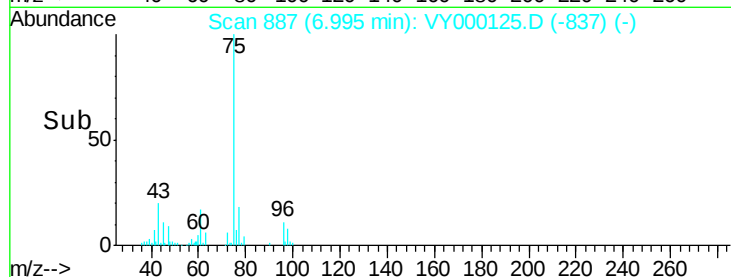
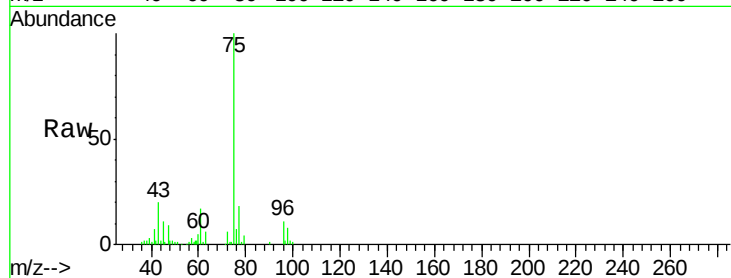
#25
2-Butanone
Concen: 25.733 ug/l
RT: 6.99 min Scan# 887
Delta R.T. 0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
72	29.9	27.0	40.6

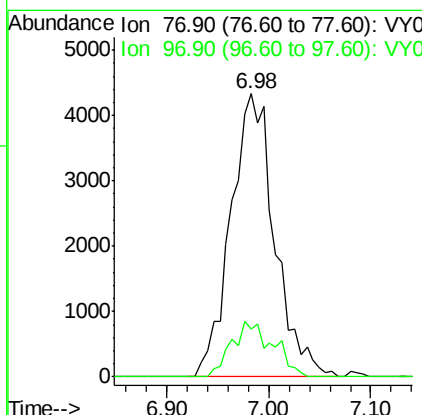
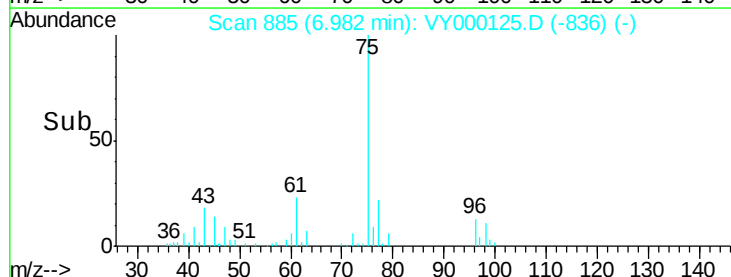
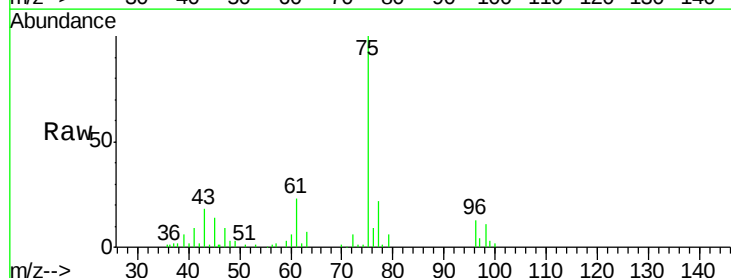
Manual Integrations
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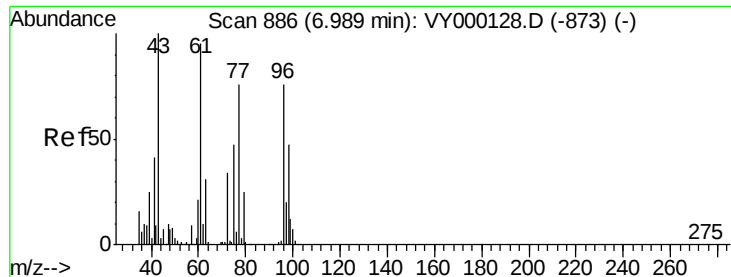
MMDadoda
9/25/2019 12:39:17 AM



#26
2,2-Dichloropropane
Concen: 5.829 ug/l
RT: 6.98 min Scan# 885
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
77	100		
97	18.3	12.0	36.0





#27

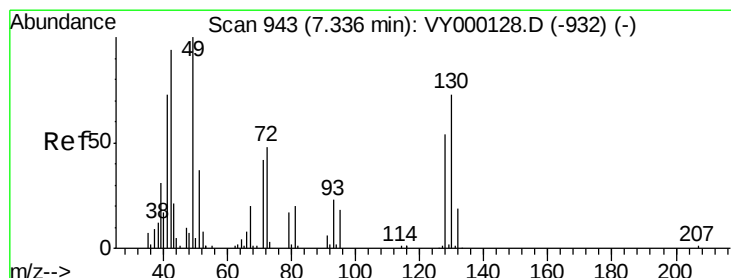
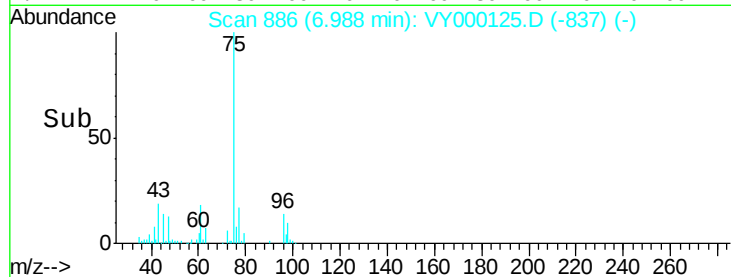
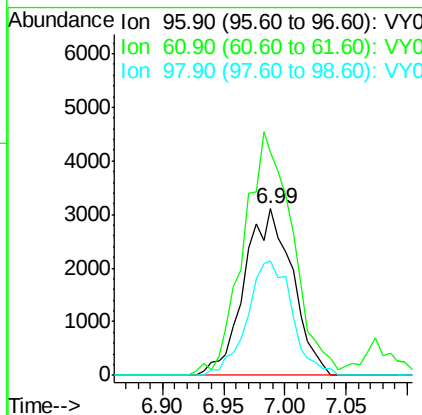
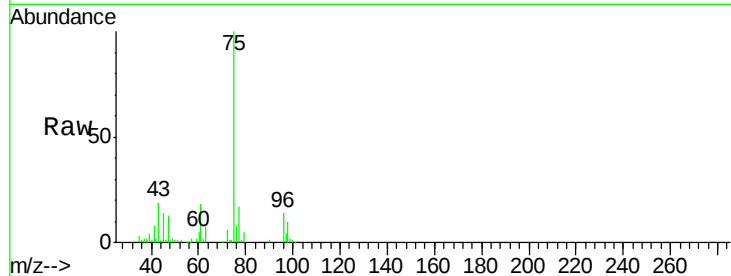
cis-1,2-Dichloroethene
Concen: 4.954 ug/l
RT: 6.99 min Scan# 886
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	254.8
98	64.0	0.0	127.8

Manual Integrations
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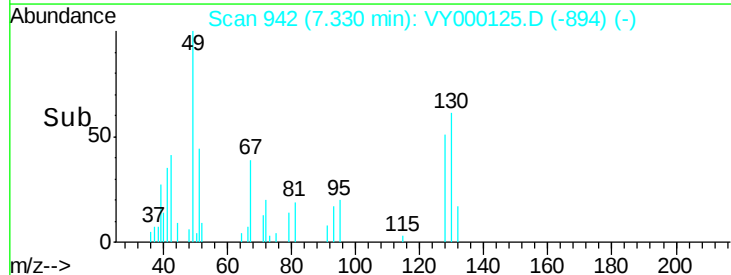
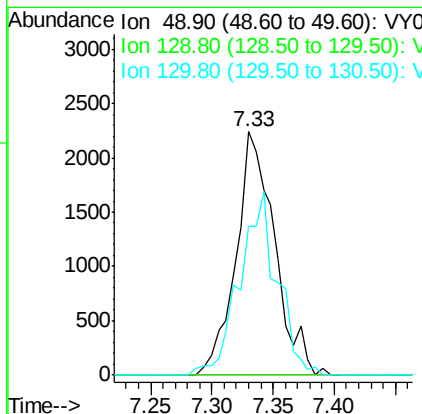
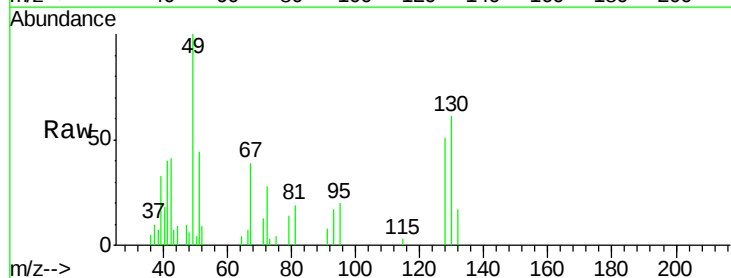
MMDadoda
9/25/2019 12:39:17 AM

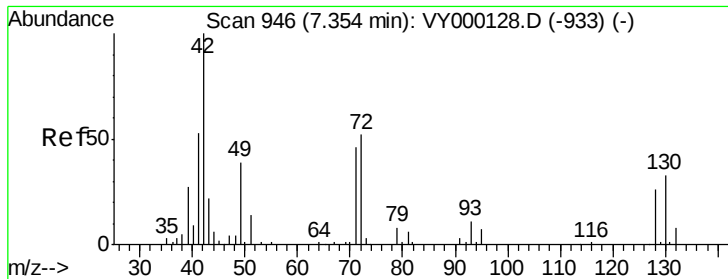


#28

Bromochloromethane
Concen: 5.145 ug/l
RT: 7.33 min Scan# 942
Delta R.T. -0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	73.1	62.0	93.0





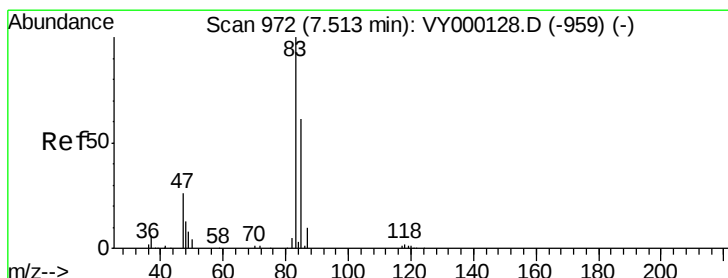
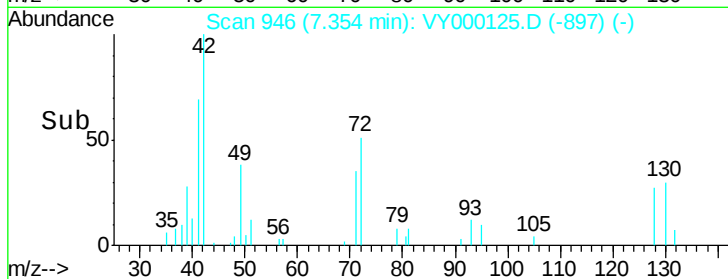
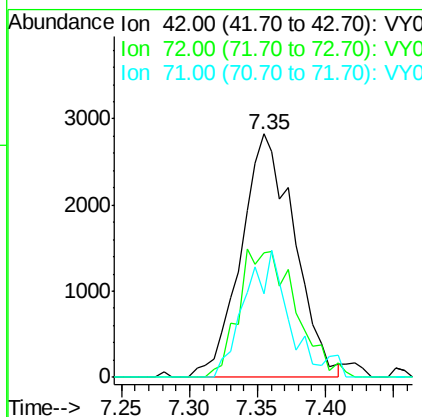
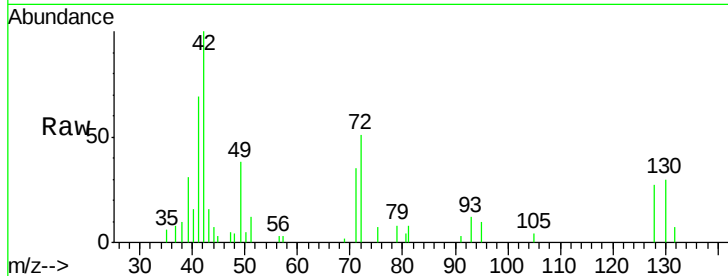
#29
Tetrahydrofuran
Concen: 24.234 ug/l
RT: 7.35 min Scan# 946
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	55.9	41.8	62.8
71	41.8	38.6	58.0

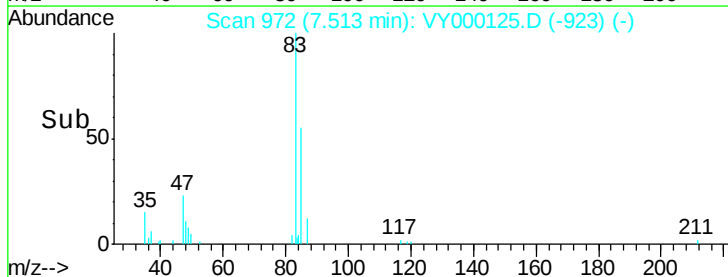
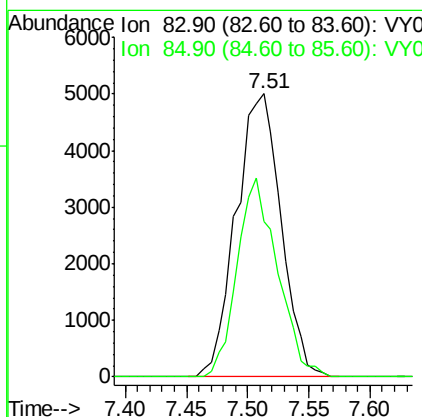
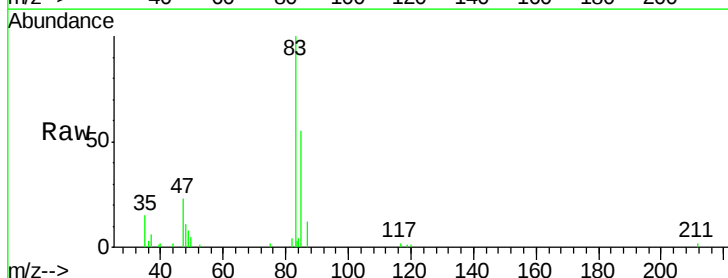
Manual Integrations
APPROVED

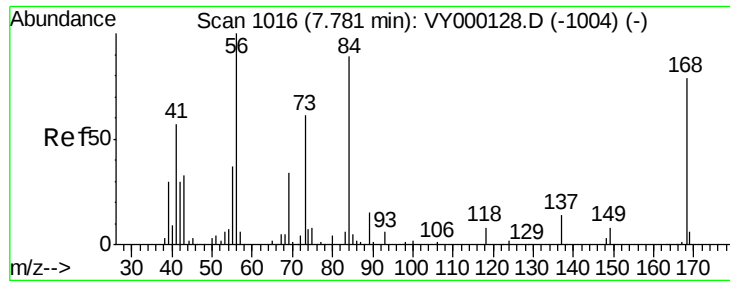
MMDadoda
9/25/2019 12:39:17 AM



#30
Chloroform
Concen: 5.189 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	54.8	49.0	73.6





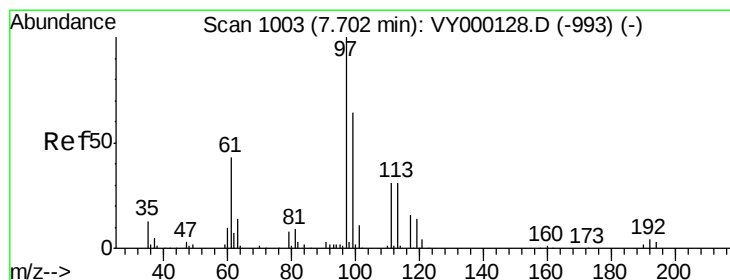
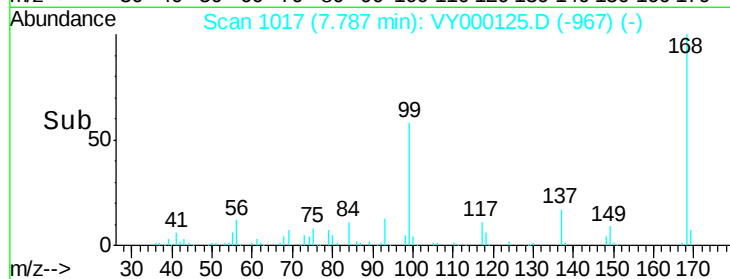
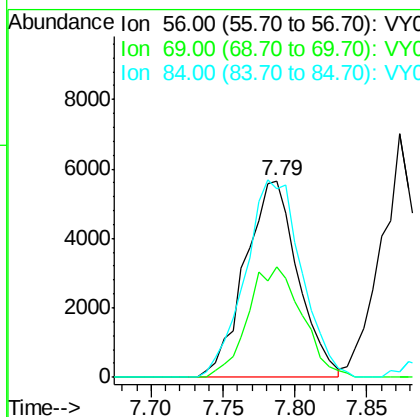
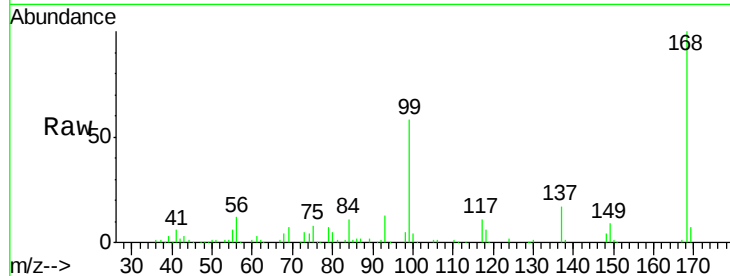
#31
Cyclohexane
Concen: 5.669 ug/l
RT: 7.79 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		14405		
69	56.2	27.1	40.7#		
84	96.2	71.3	106.9		

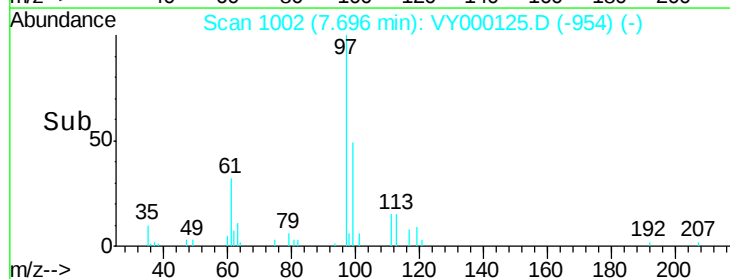
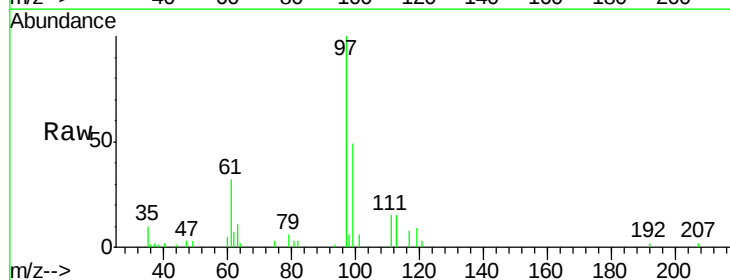
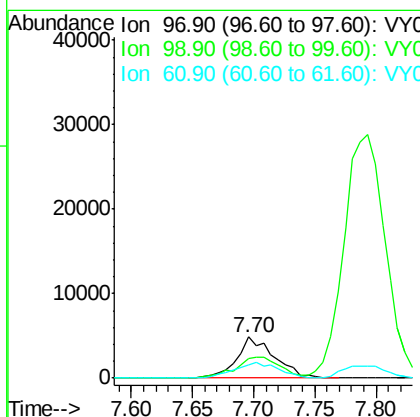
Manual Integrations
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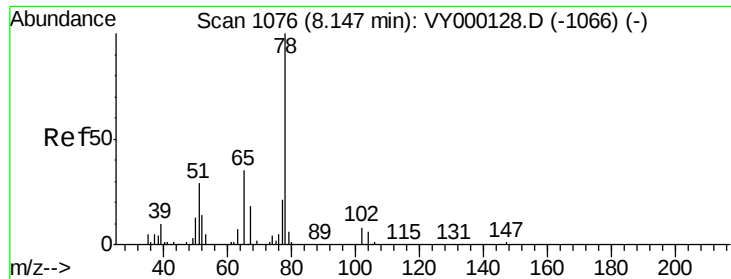
MMDadoda
9/25/2019 12:39:17 AM



#32
1,1,1-Trichloroethane
Concen: 5.148 ug/l
RT: 7.70 min Scan# 1002
Delta R.T. -0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		10450		
99	60.5	51.3	76.9		
61	43.8	36.0	54.0		





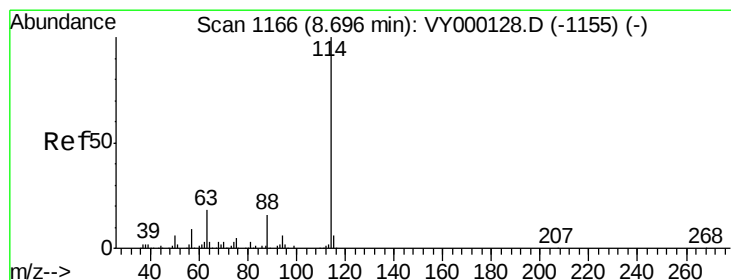
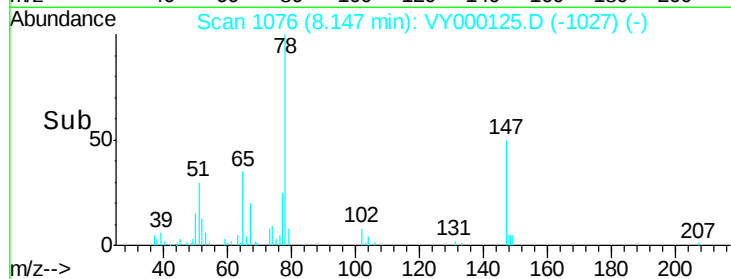
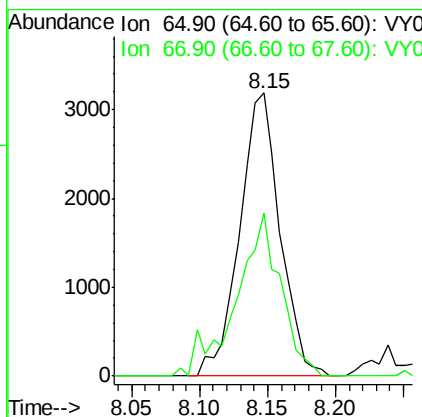
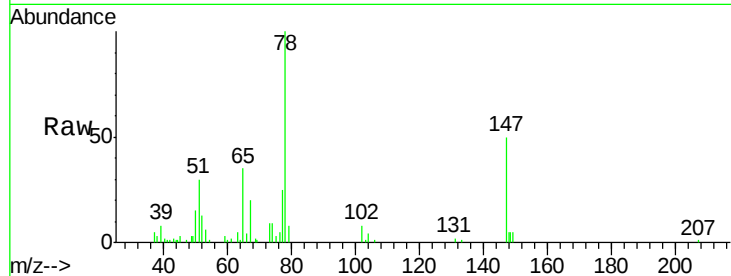
#33
 1,2-Dichloroethane-d4
 Concen: 5.065 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
65	100	6618		
67	63.1	0.0	109.6	

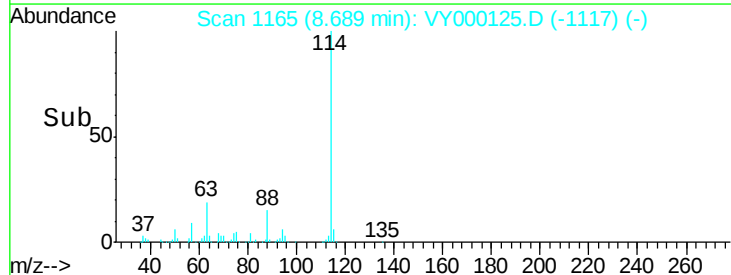
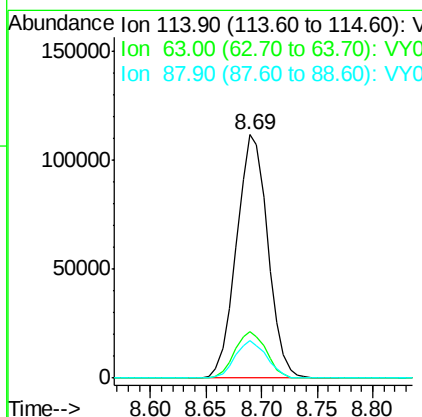
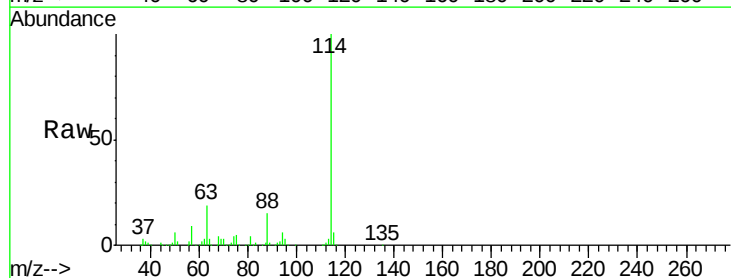
Manual Integrations
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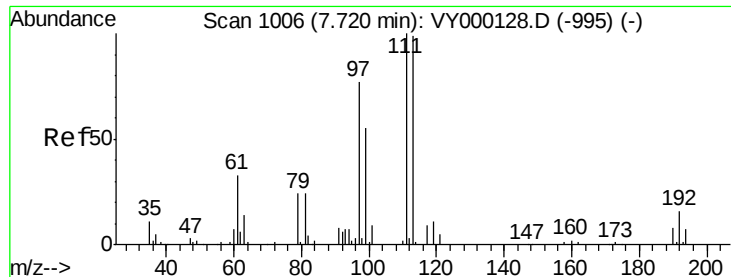
MMDadoda
 9/25/2019 12:39:17 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	217688		
63	18.8	0.0	35.6	
88	15.2	0.0	31.8	





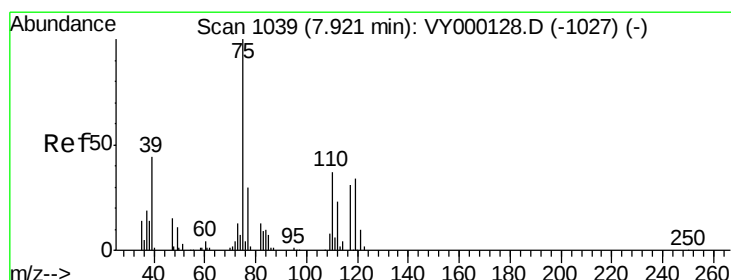
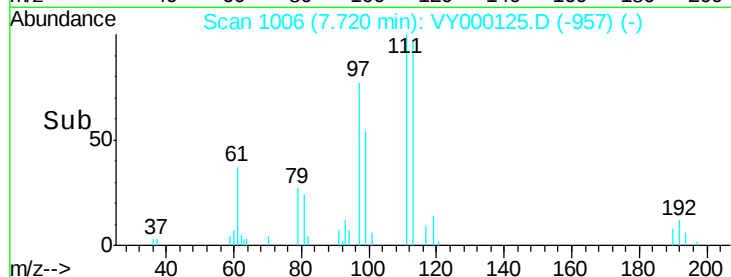
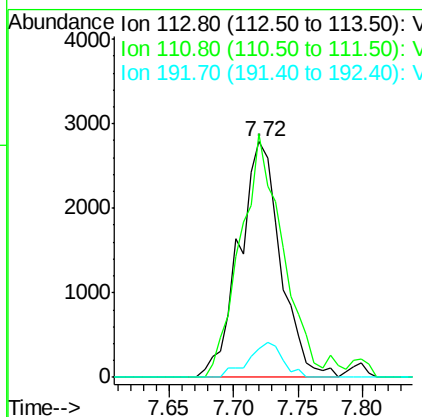
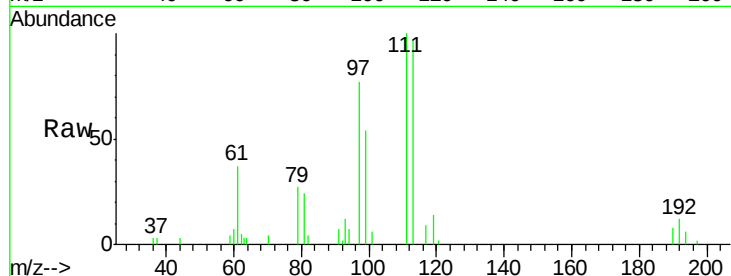
#35
 Dibromofluoromethane
 Concen: 4.979 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.2	83.0	124.4
192	12.1	13.5	20.3

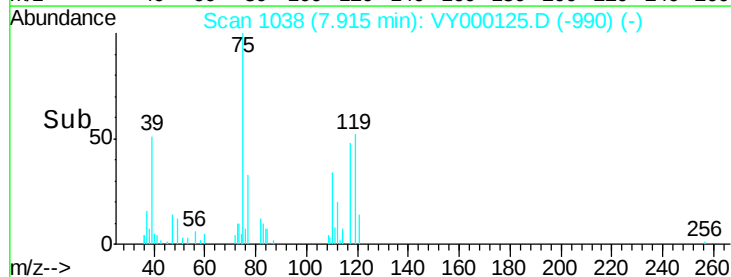
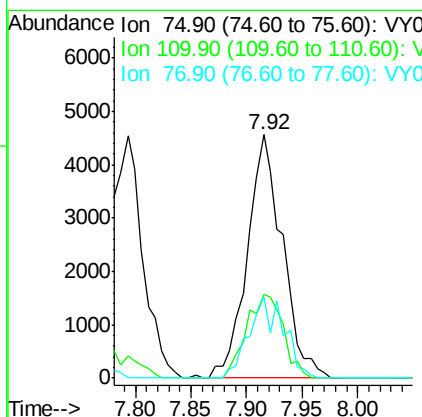
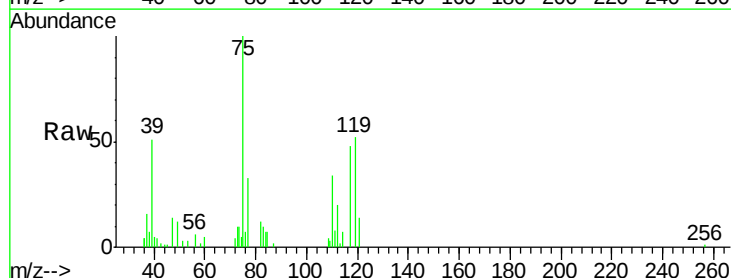
Manual Integrations
 APPROVED

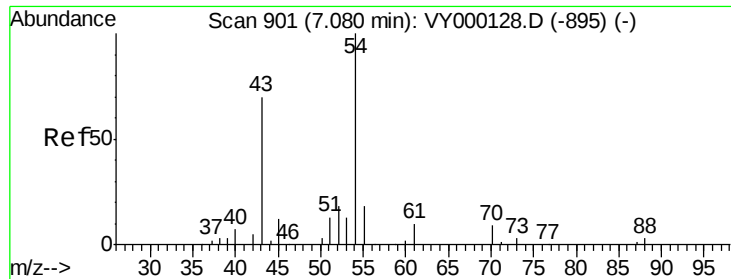
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 9/25/2019 12:39:17 AM



#36
 1,1-Dichloropropene
 Concen: 4.972 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	19.1	57.3
77	33.2	24.7	37.1





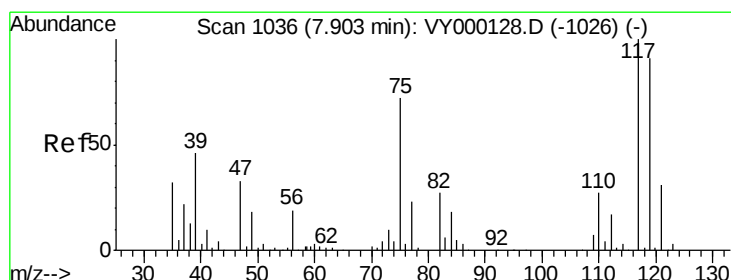
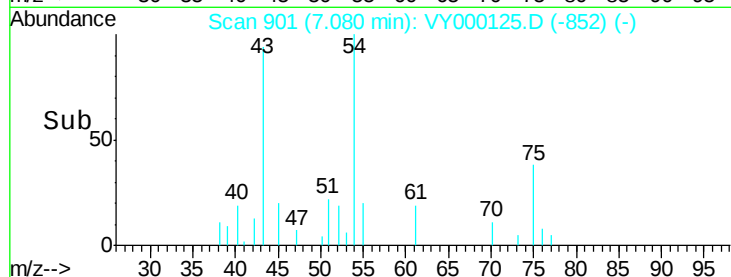
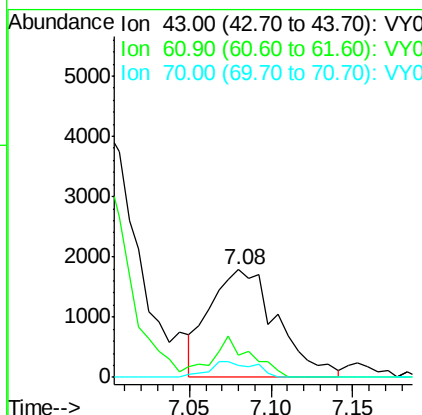
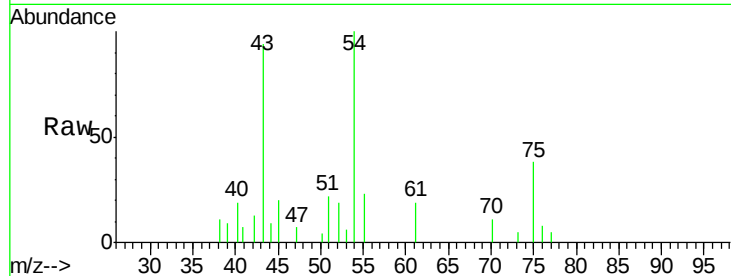
#37
Ethyl Acetate
Concen: 4.822 ug/l
RT: 7.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

Tot Ion: 43 Resp: 5133
Ion Ratio Lower Upper
43 100
61 21.0 12.1 18.1#
70 9.9 10.0 15.0#

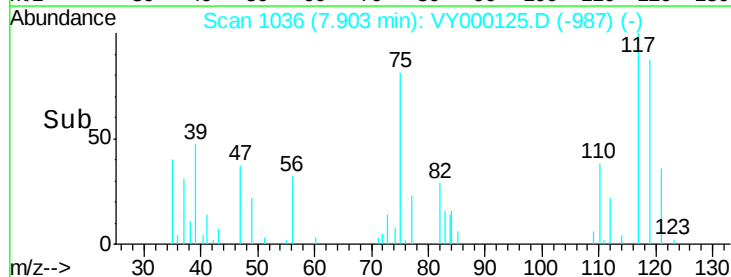
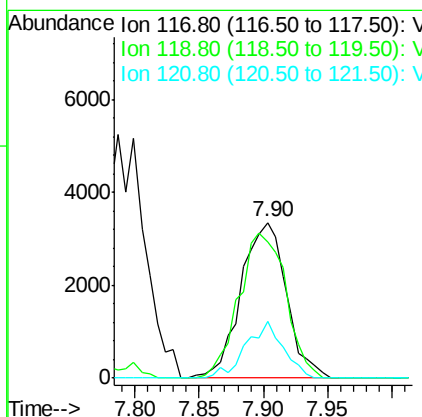
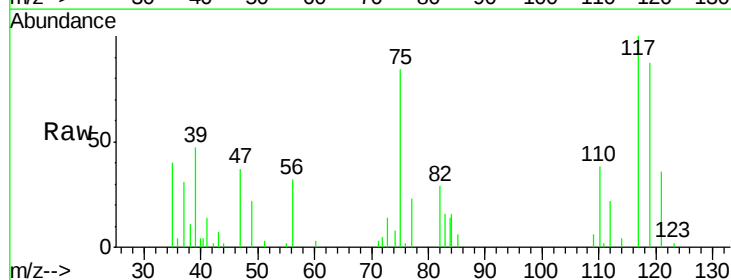
Manual Integrations
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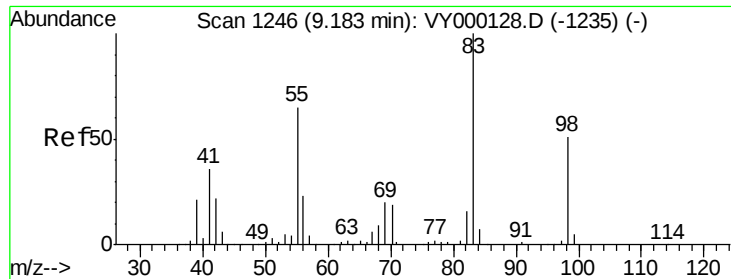
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9/25/2019 12:39:17 AM



#38
Carbon Tetrachloride
Concen: 4.735 ug/l
RT: 7.90 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion: 117 Resp: 8191
Ion Ratio Lower Upper
117 100
119 87.2 72.6 108.8
121 36.3 24.3 36.5





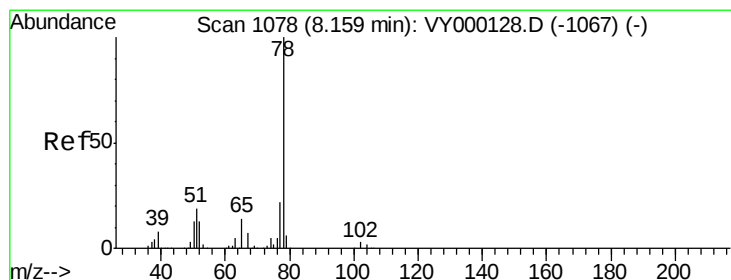
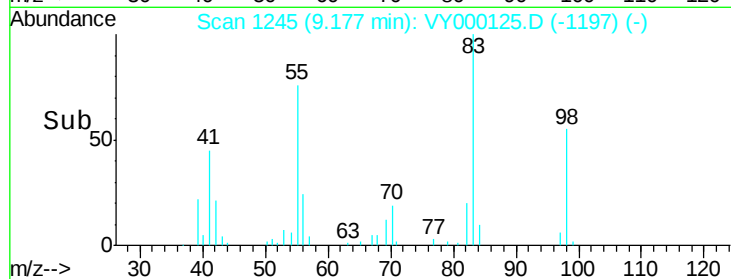
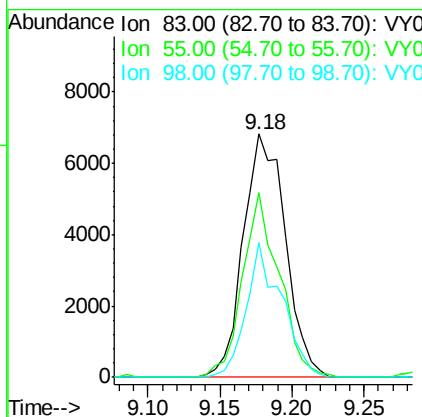
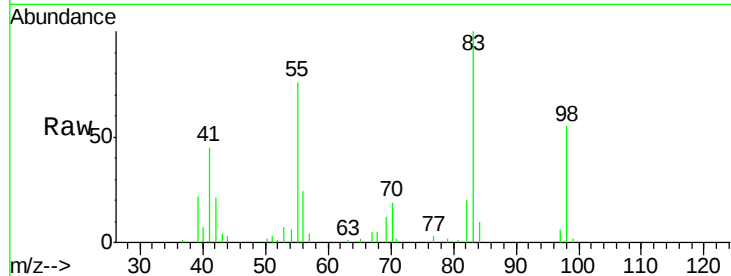
#39
Methvlcvclohexane
Concen: 4.979 ug/l
RT: 9.18 min Scan# 1245
Delta R.T. -0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	13803
Ion Ratio	100	Lower	Upper
83	100		
55	76.1	52.3	78.5
98	55.2	40.6	61.0

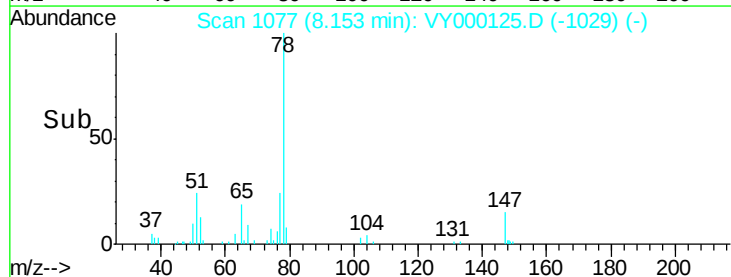
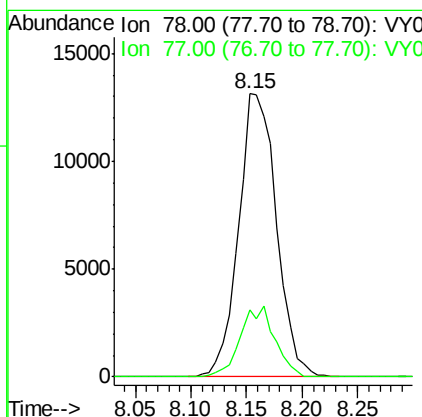
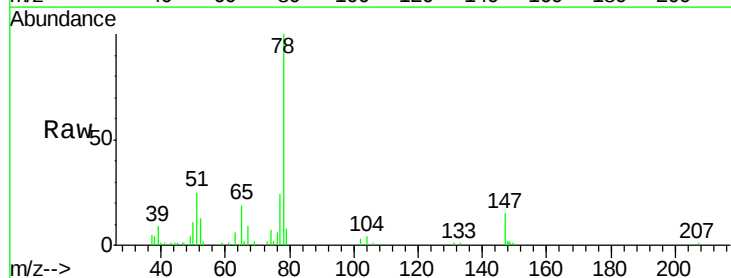
Manual Integrations
APPROVED

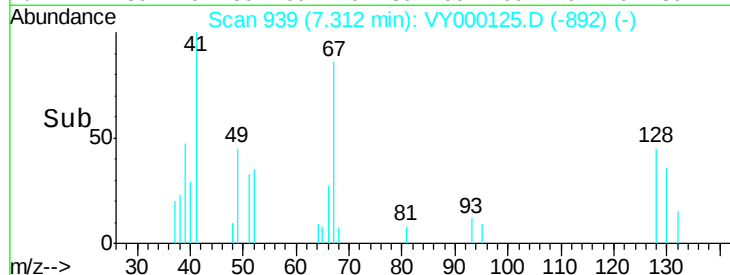
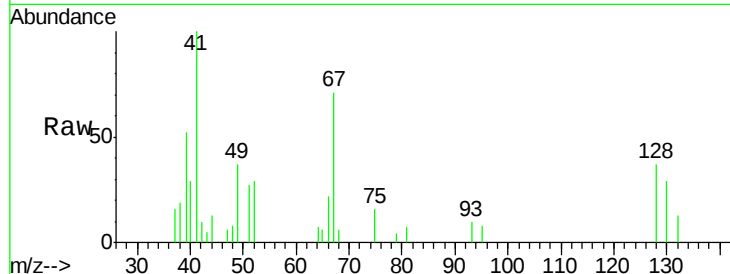
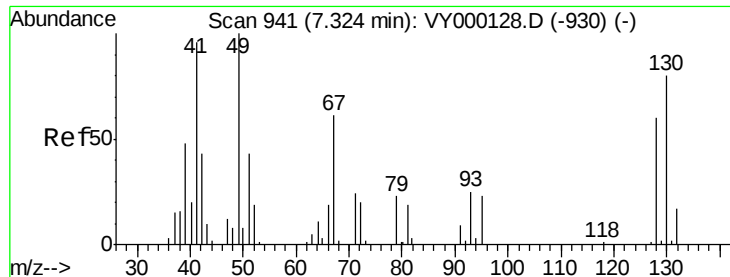
MMDadoda
9/25/2019 12:39:17 AM



#40
Benzene
Concen: 4.992 ug/l
RT: 8.15 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	78	Resp	31056
Ion Ratio	100	Lower	Upper
78	100		
77	23.8	17.9	26.9





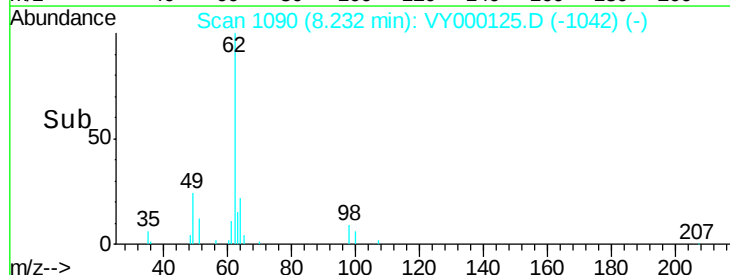
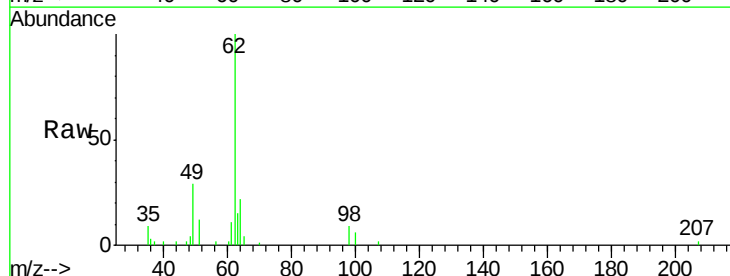
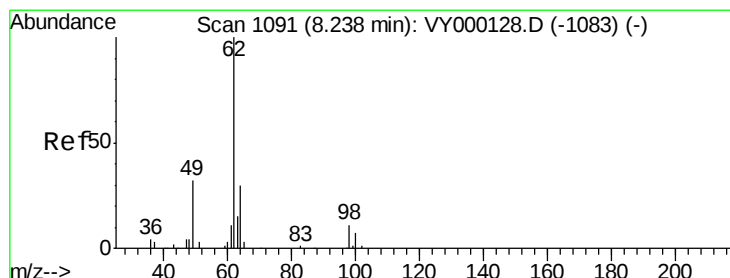
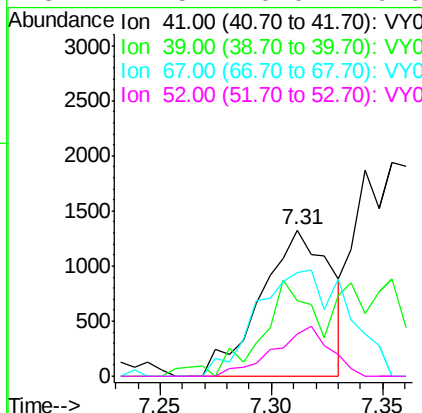
#41
Methacrylonitrile
Concen: 3.392 ug/l
RT: 7.31 min Scan# 939
Delta R.T. -0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tot Ion	Ratio	Lower	Upper
41	100		
39	50.0	53.4	80.0#
67	95.1	0.0	0.0#
52	27.5	0.0	0.0#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

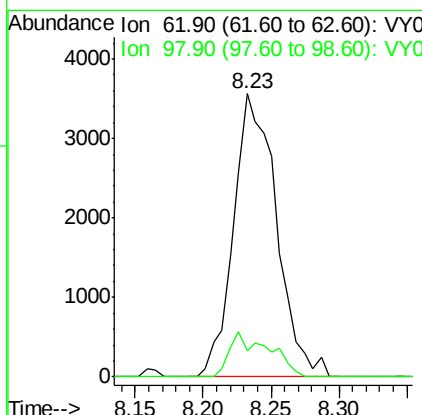
Manual Integrations
APPROVED

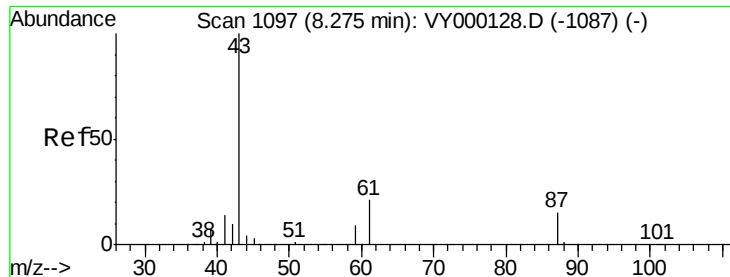
MMDadoda
9/25/2019 12:39:17 AM



#42
1,2-Dichloroethane
Concen: 4.955 ug/l
RT: 8.23 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	14.4	0.0	22.4





#43

Isopropyl Acetate

Concen: 5.138 ug/l

RT: 8.27 min Scan# 1097

Delta R.T. -0.00 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

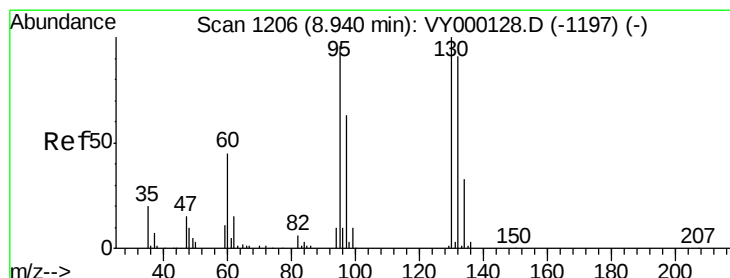
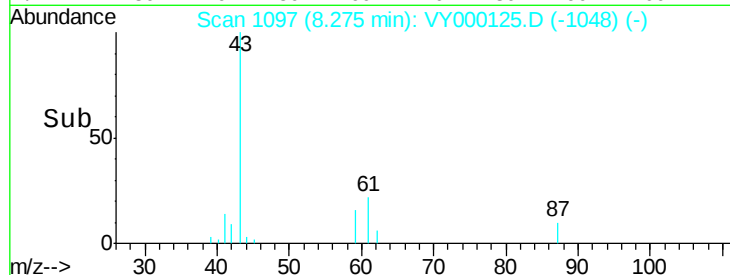
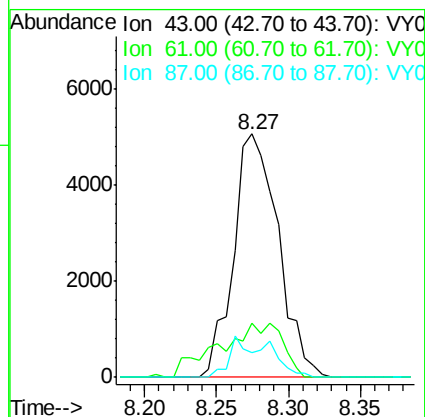
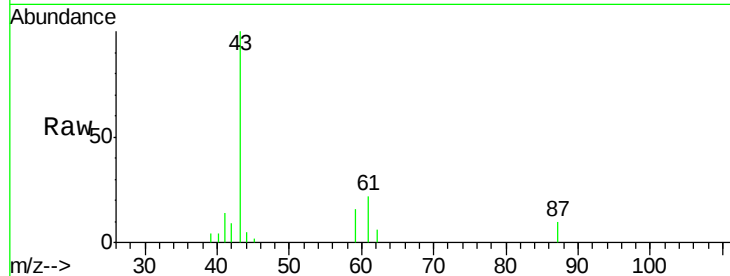
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	10939
Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.6	37.0#
87	7.7	12.5	18.7#

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#44

Trichloroethene

Concen: 4.905 ug/l

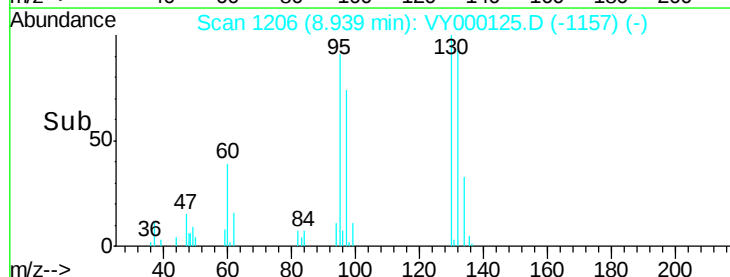
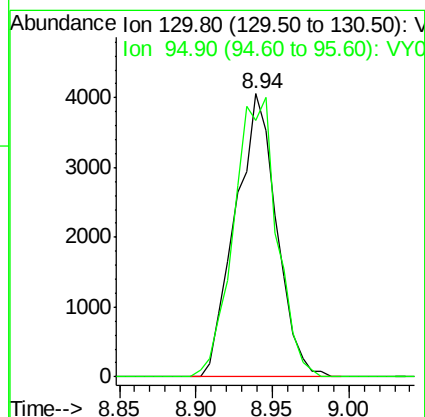
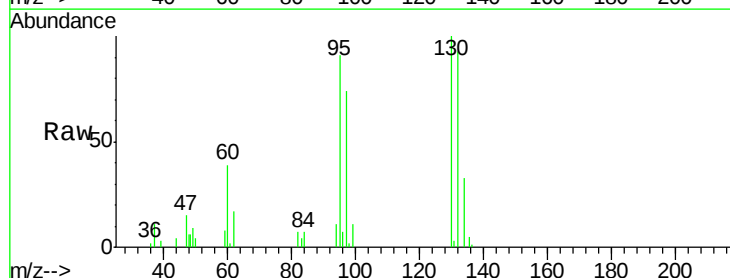
RT: 8.94 min Scan# 1206

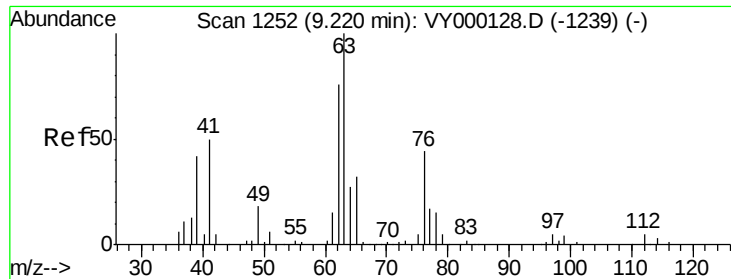
Delta R.T. -0.00 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Tgt Ion:	130	Resp:	7577
Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	192.0





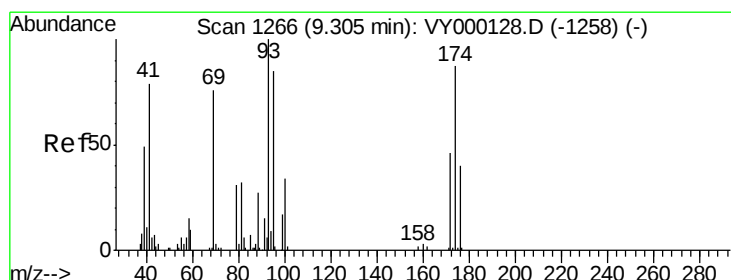
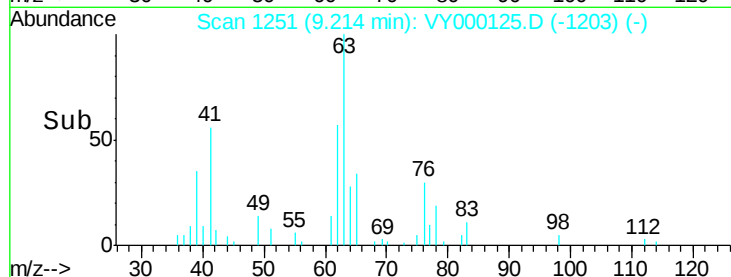
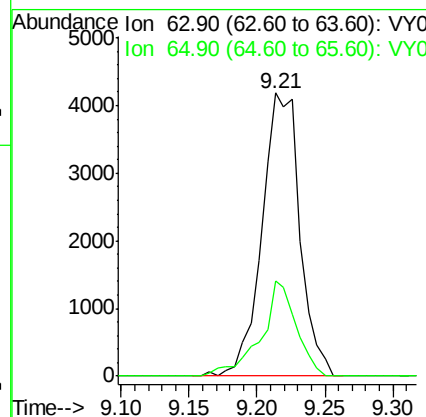
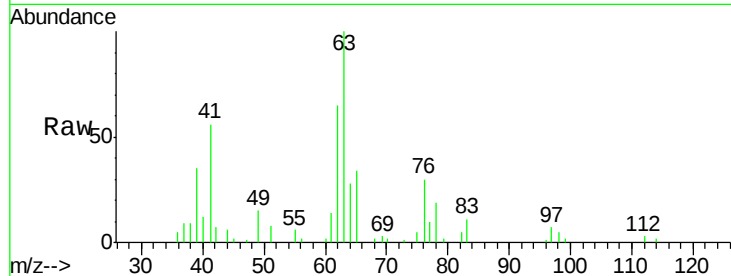
#45
 1,2-Dichloropropane
 Concen: 5.439 ug/l
 RT: 9.21 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 8172
 Ion Ratio Lower Upper
 63 100
 65 33.7 25.4 38.2

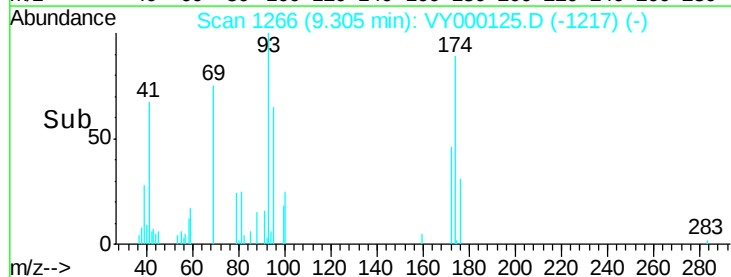
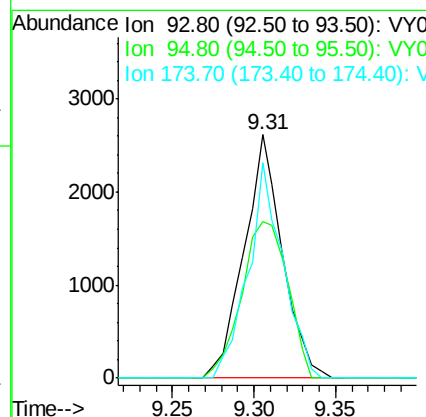
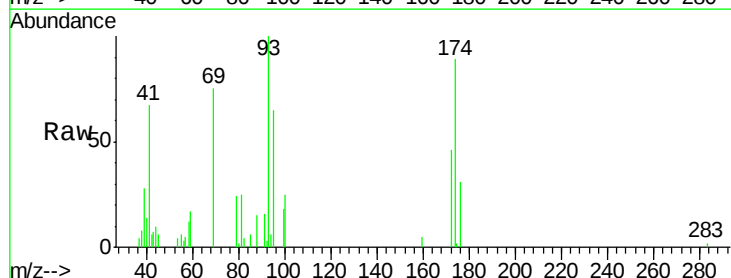
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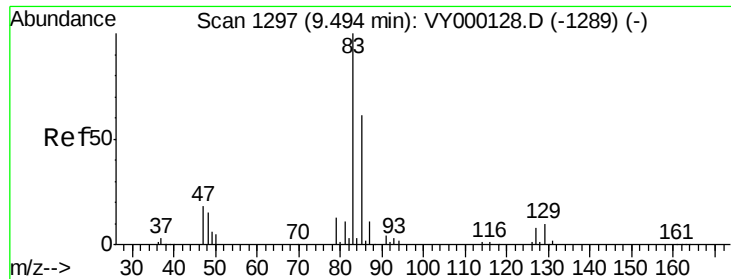
MMDadoda
 9/25/2019 12:39:17 AM



#46
 Dibromomethane
 Concen: 5.129 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Tgt Ion: 93 Resp: 4286
 Ion Ratio Lower Upper
 93 100
 95 77.1 68.6 103.0
 174 80.8 69.4 104.0





#47

Bromodichloromethane

Concen: 4.990 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. 0.01 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

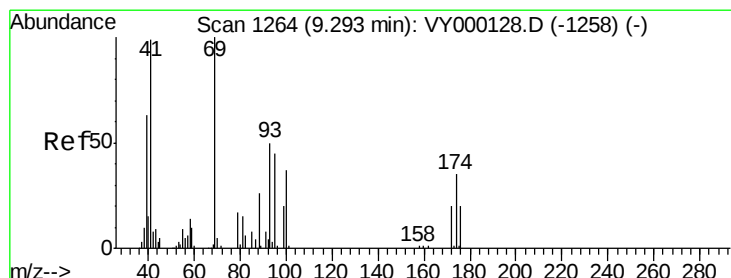
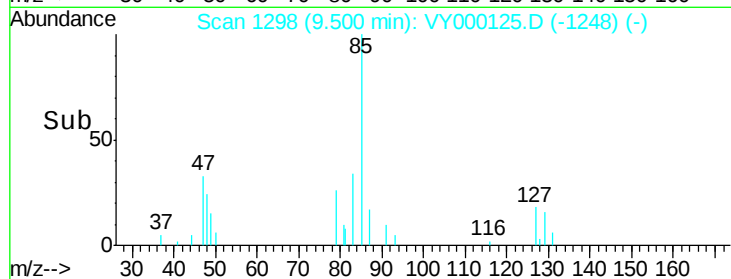
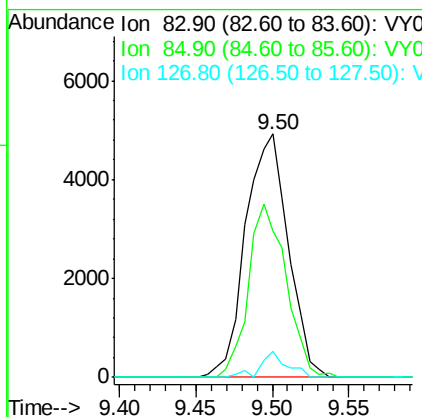
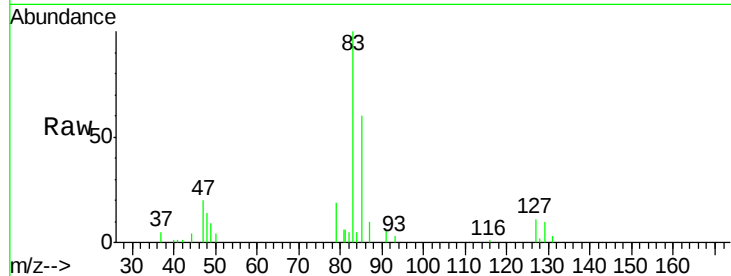
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	9547
Ion	Ratio	Lower	Upper
83	100		
85	60.1	48.6	73.0
127	10.7	6.2	9.4#

Manual Integrations
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MMDadoda
9/25/2019 12:39:17 AM



#48

Methyl methacrylate

Concen: 5.045 ug/l

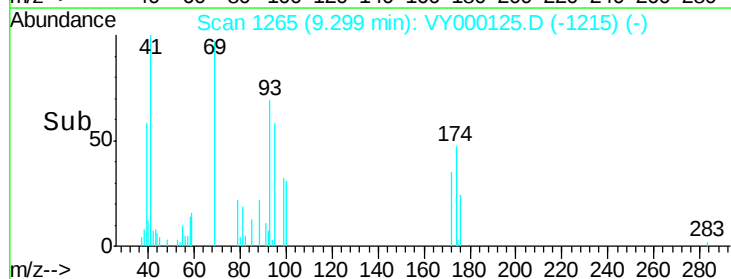
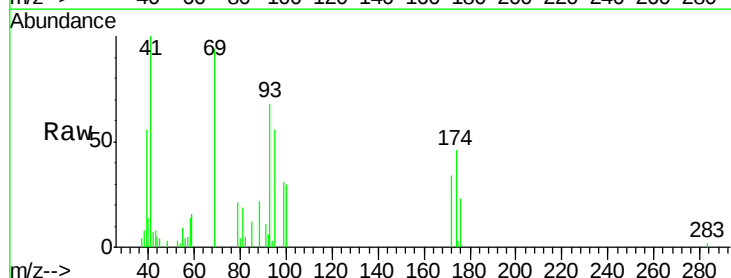
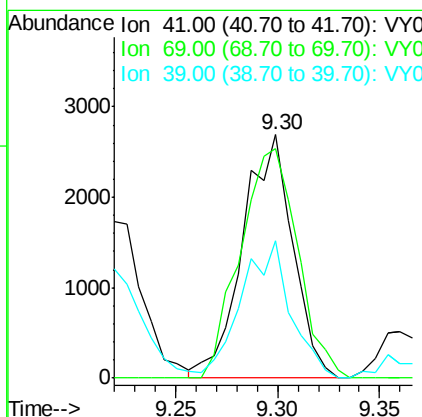
RT: 9.30 min Scan# 1265

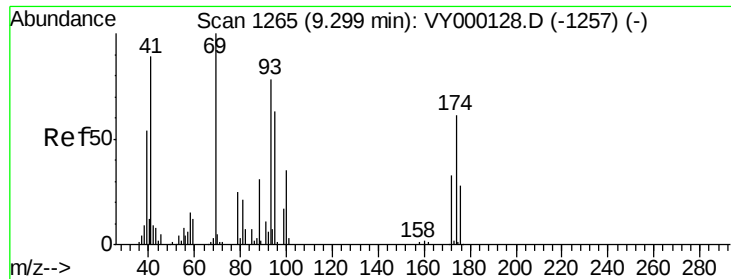
Delta R.T. 0.01 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Tgt Ion:	41	Resp:	4590
Ion	Ratio	Lower	Upper
41	100		
69	108.2	81.0	121.6
39	55.6	53.2	79.8





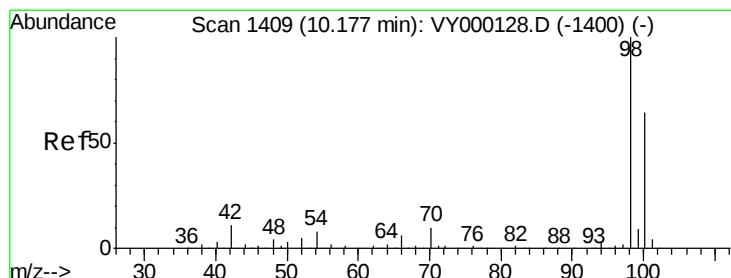
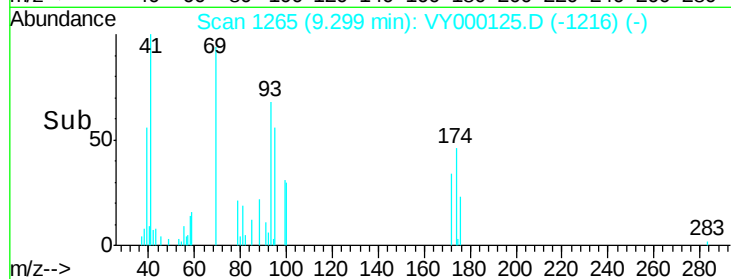
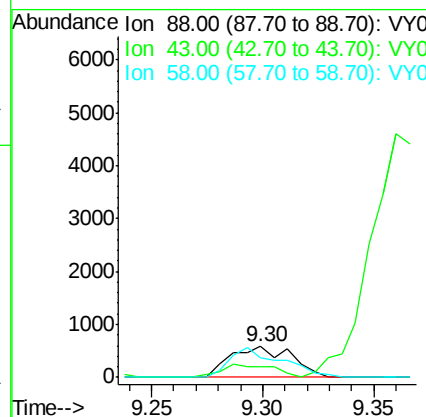
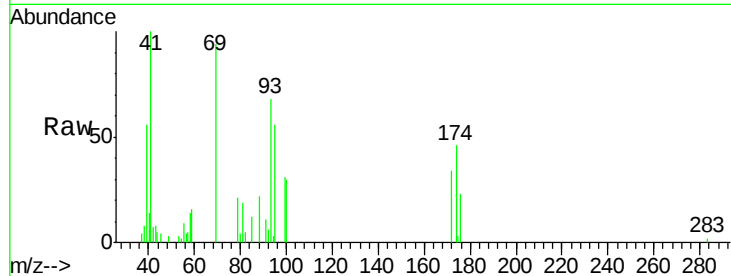
#49
1,4-Dioxane
Concen: 84.292 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.1	22.6	33.8#
58	81.7	42.5	63.7#

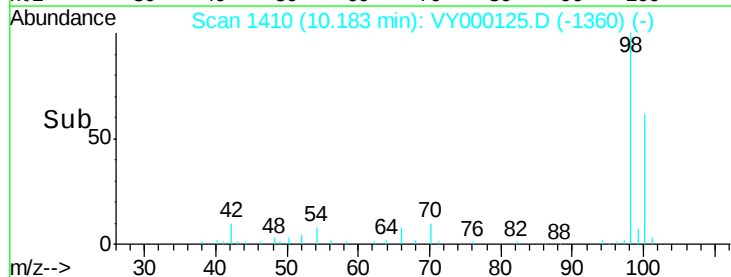
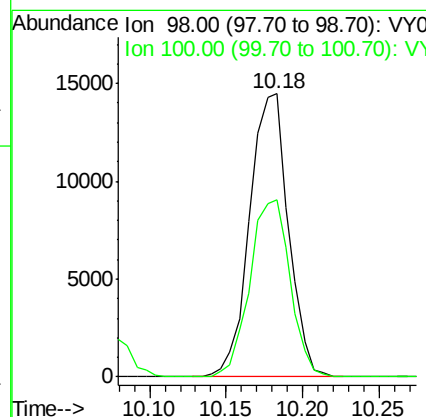
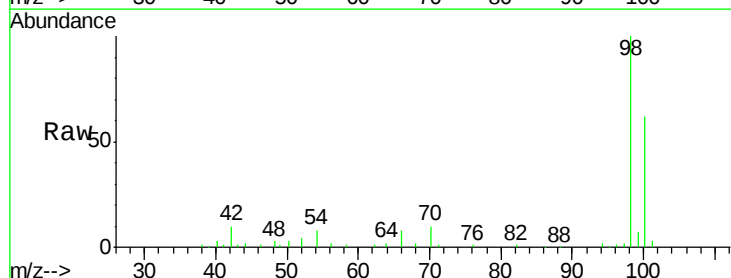
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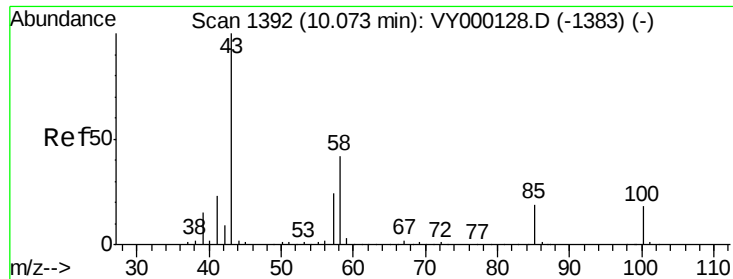
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#50
Toluene-d8
Concen: 5.075 ug/l
RT: 10.18 min Scan# 1410
Delta R.T. 0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.7	79.1





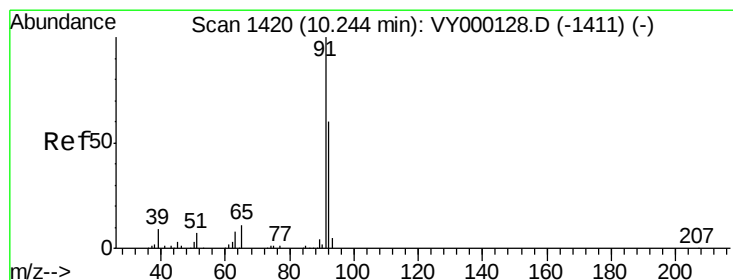
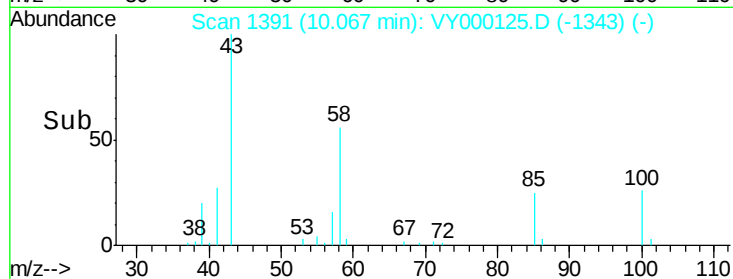
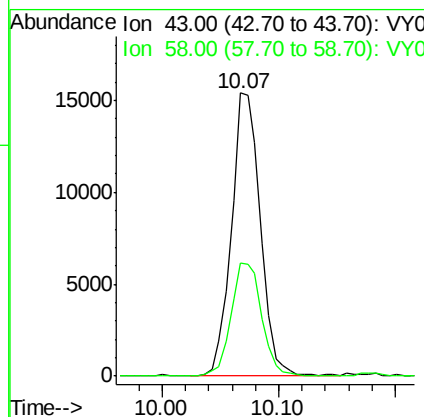
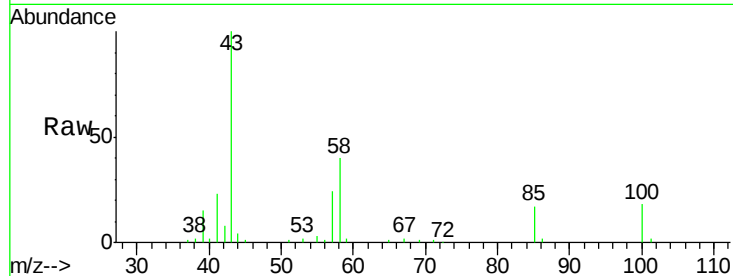
#51
4-Methyl-2-Pentanone
Concen: 24.555 ug/l
RT: 10.07 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	43	Resp	26641
Ion Ratio	43	100	
Lower	58	42.1	33.0
Upper			49.6

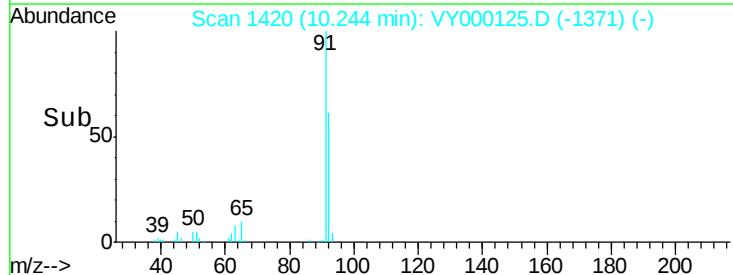
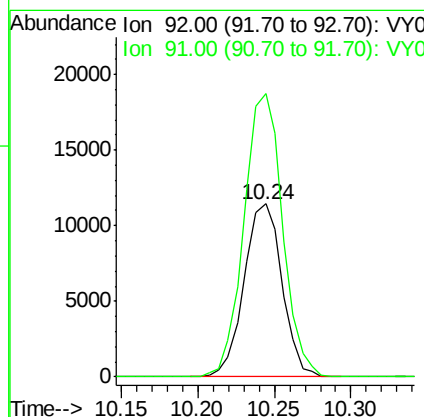
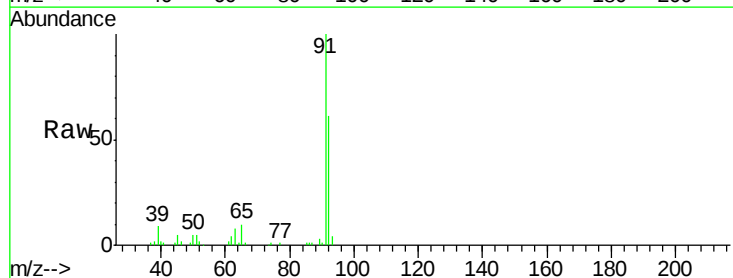
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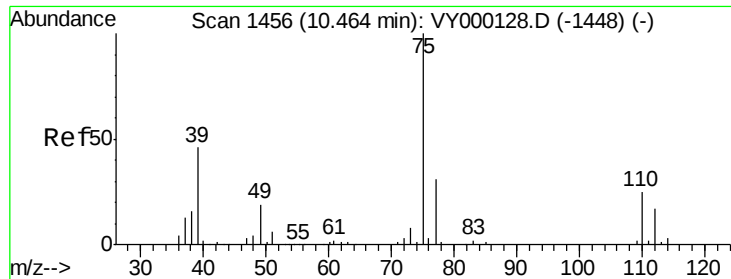
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#52
Toluene
Concen: 5.131 ug/l
RT: 10.24 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	92	Resp	19725
Ion Ratio	92	100	
Lower	91	166.3	135.7
Upper			203.5





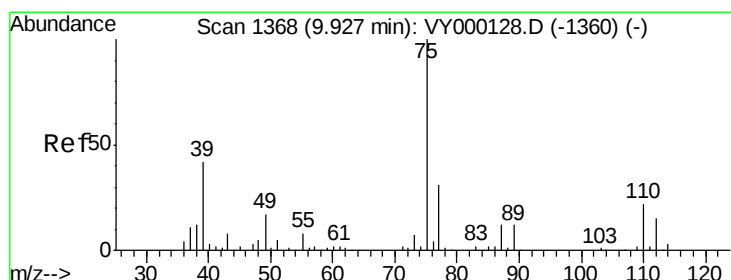
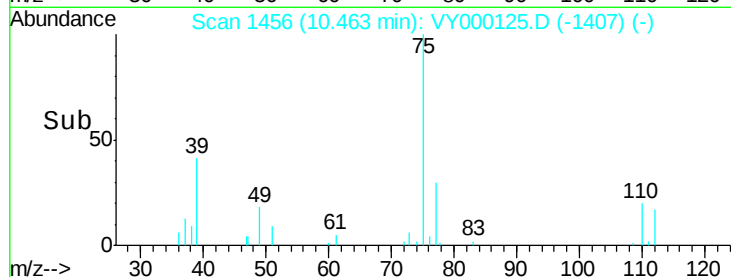
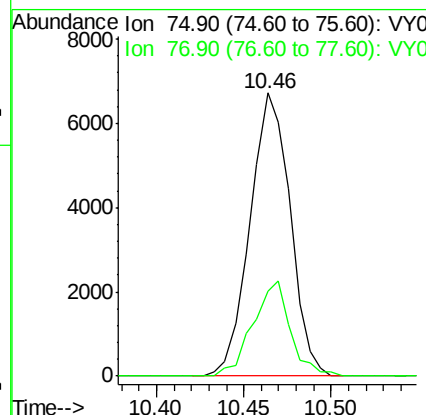
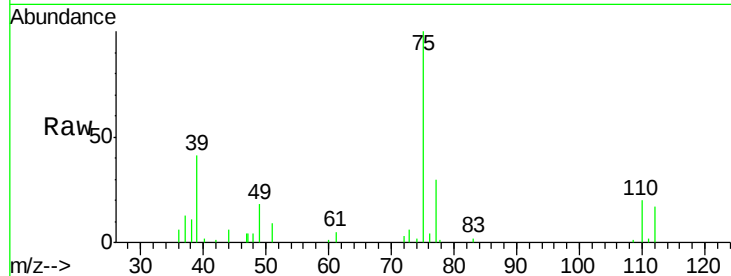
#53
t-1,3-Dichloropropene
Concen: 5.140 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	75	Resp	10723
Ion Ratio	100	Lower	Upper
77	30.1	24.9	37.3

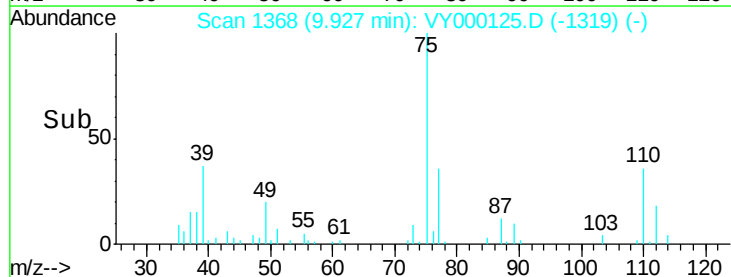
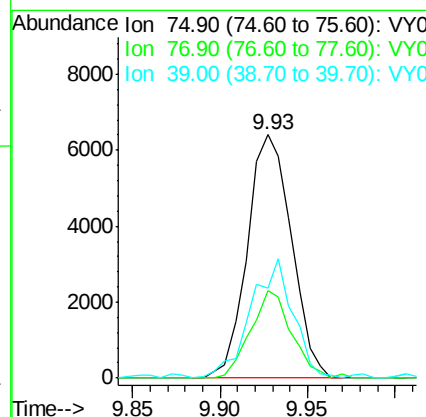
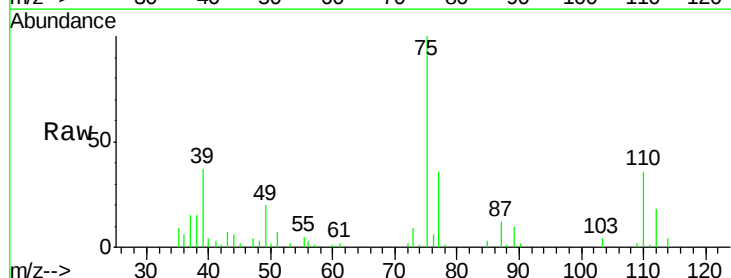
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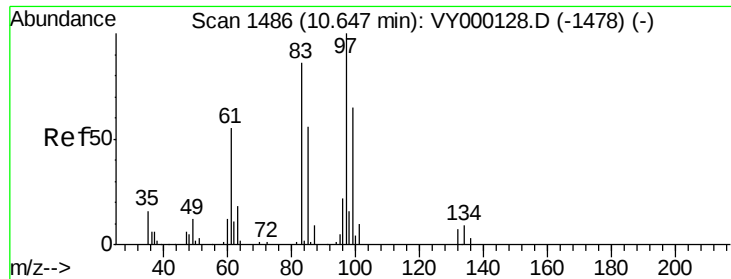
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#54
cis-1,3-Dichloropropene
Concen: 4.629 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	75	Resp	11197
Ion Ratio	100	Lower	Upper
77	35.7	24.6	37.0
39	37.1	33.8	50.6





#55

1,1,2-Trichloroethane

Concen: 5.421 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

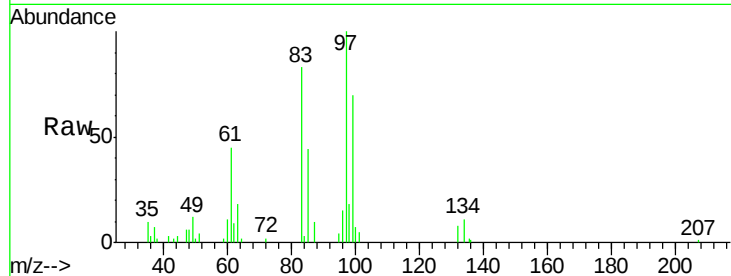
ClientSampleId :

VSTDIC005

Tot Ion:	97	Resp:	6487
Ion	Ratio	Lower	Upper
97	100		
83	82.9	68.8	103.2
85	44.0	44.9	67.3#
99	69.9	52.1	78.1

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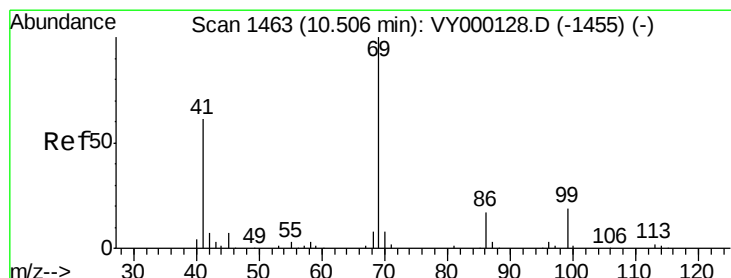
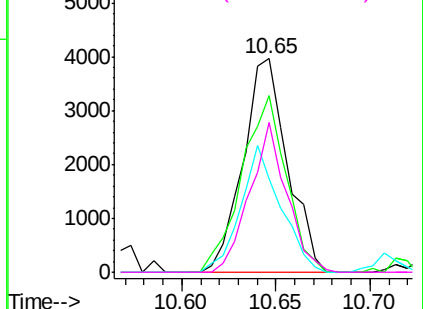
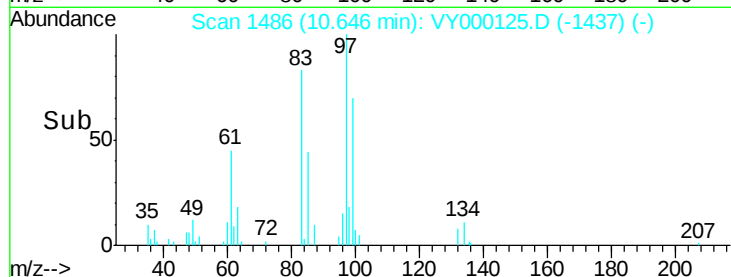


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 4.728 ug/l

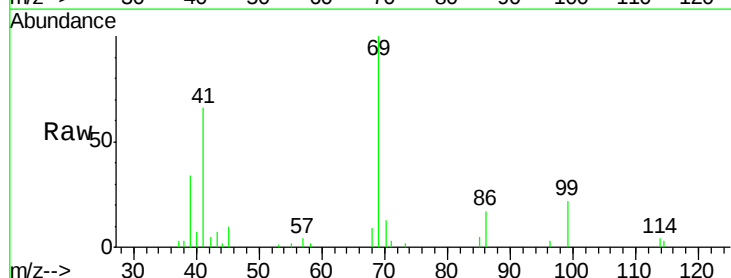
RT: 10.51 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

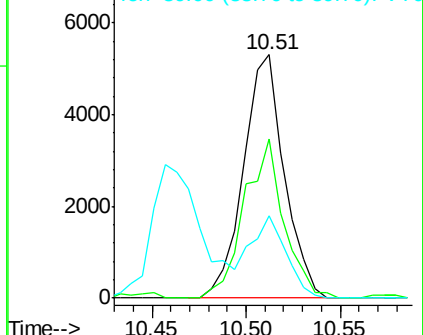
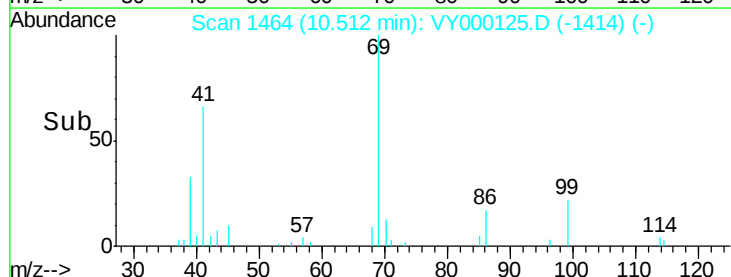
Tgt Ion:	69	Resp:	7969
Ion	Ratio	Lower	Upper
69	100		
41	63.5	47.9	71.9
39	29.9	27.4	41.0

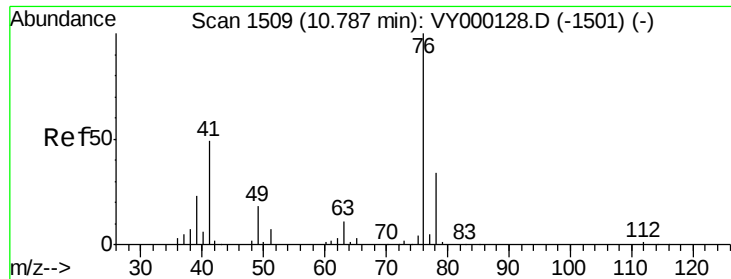


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





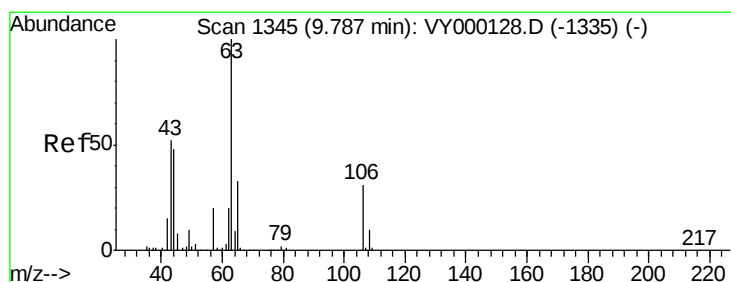
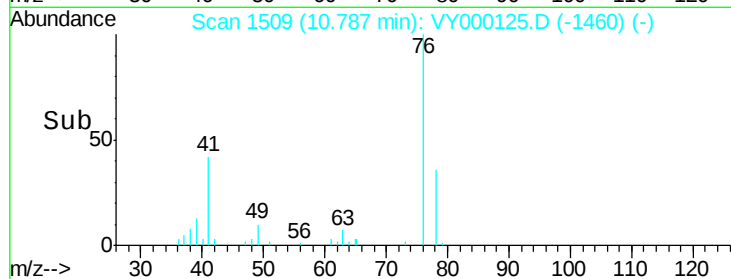
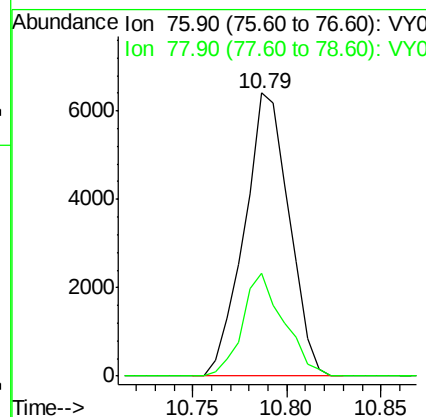
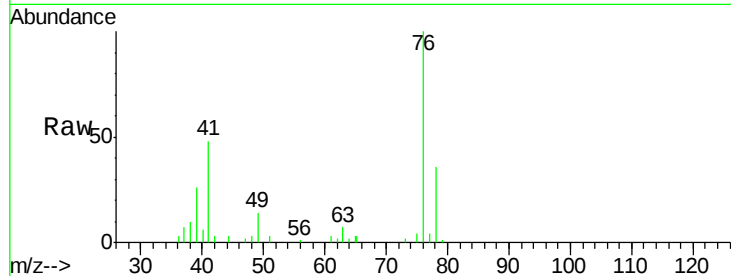
#57
 1,3-Dichloropropane
 Concen: 5.072 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.5	26.5	39.7

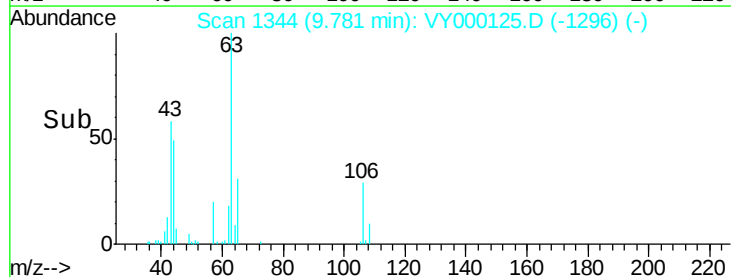
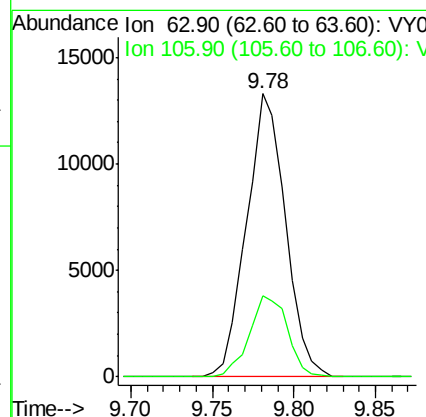
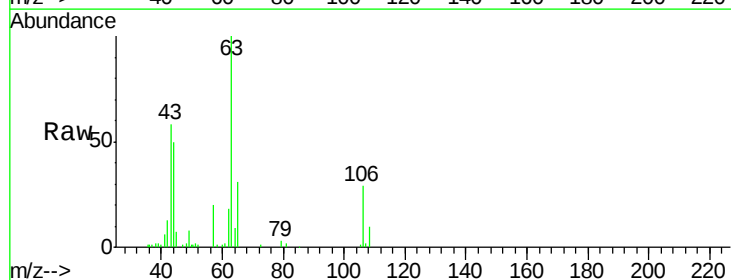
Manual Integrations
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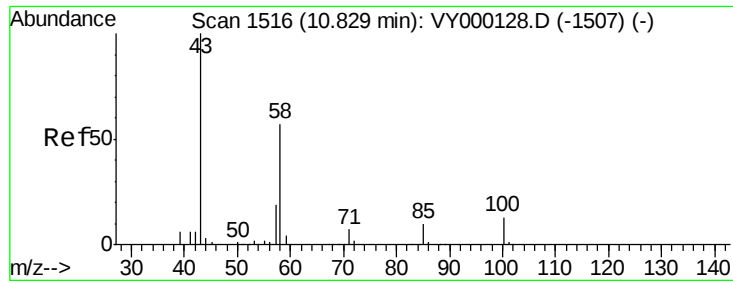
MMDadoda
 9/25/2019 12:39:17 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 26.609 ug/l
 RT: 9.78 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	23.2	34.8





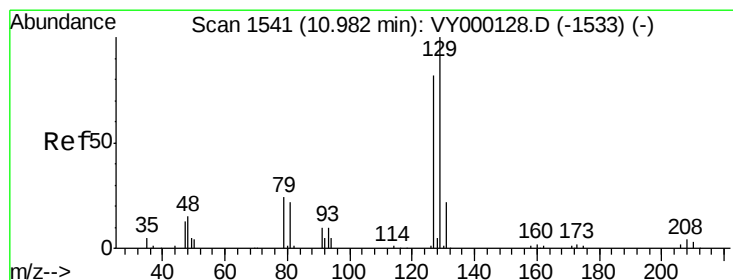
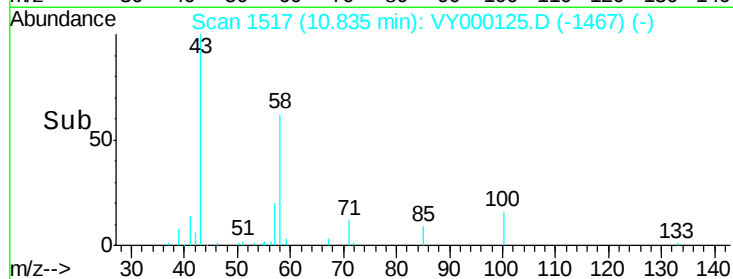
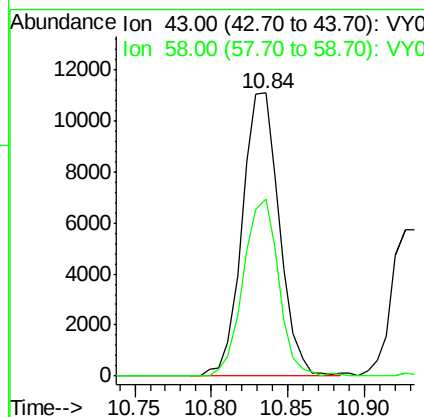
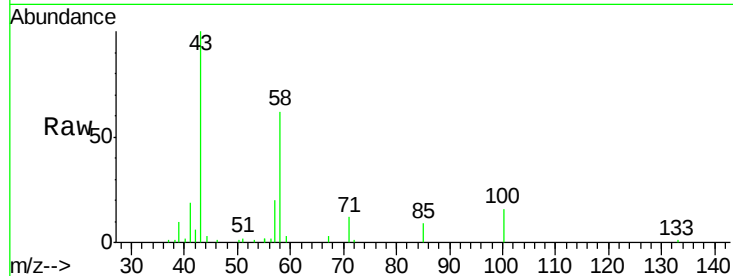
#59
2-Hexanone
Concen: 24.574 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 18675
Ion Ratio Lower Upper
43 100
58 59.2 29.1 87.3

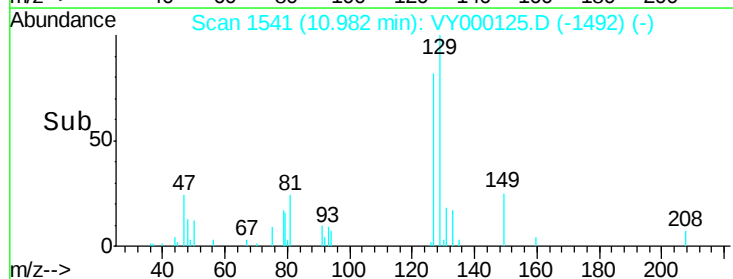
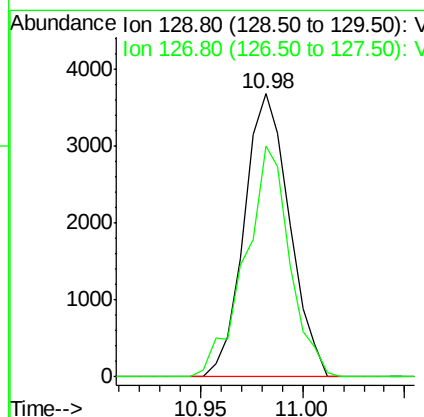
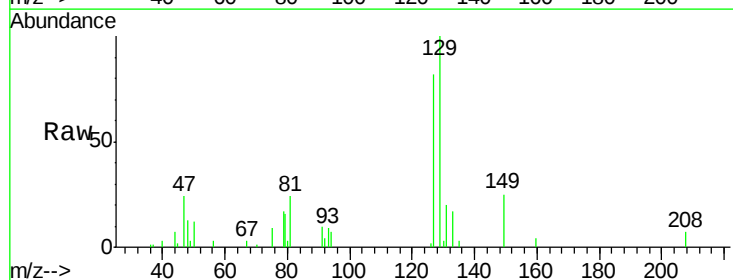
Manual Integrations
APPROVED

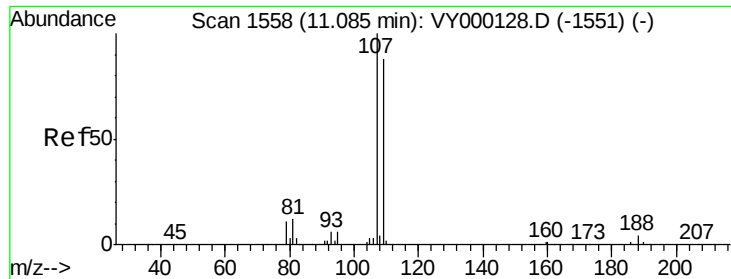
MMDadoda
9/25/2019 12:39:17 AM



#60
Dibromochloromethane
Concen: 4.532 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion: 129 Resp: 5668
Ion Ratio Lower Upper
129 100
127 80.9 37.5 112.3





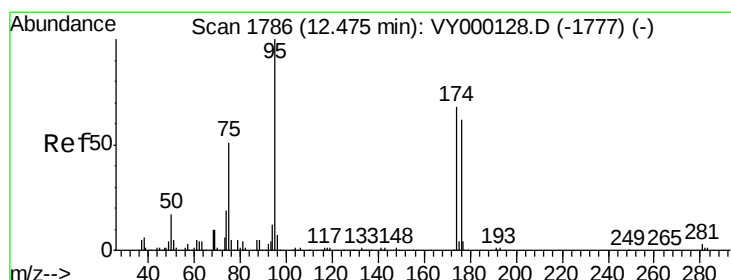
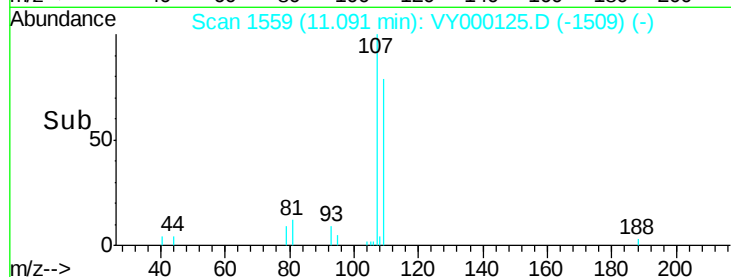
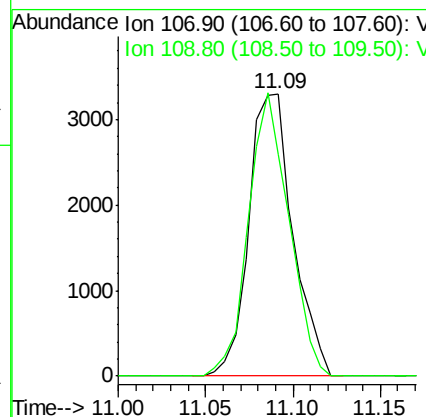
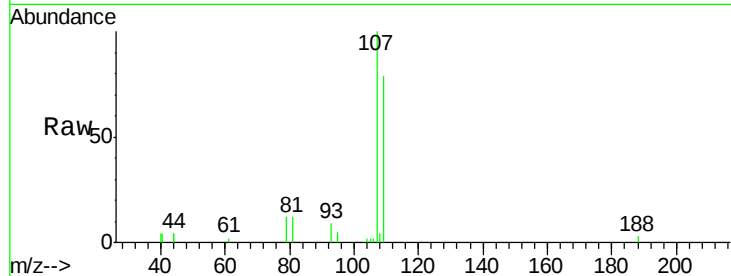
#61
 1,2-Dibromoethane
 Concen: 5.148 ug/l
 RT: 11.09 min Scan# 1559
 Delta R.T. 0.01 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.7	74.0	111.0

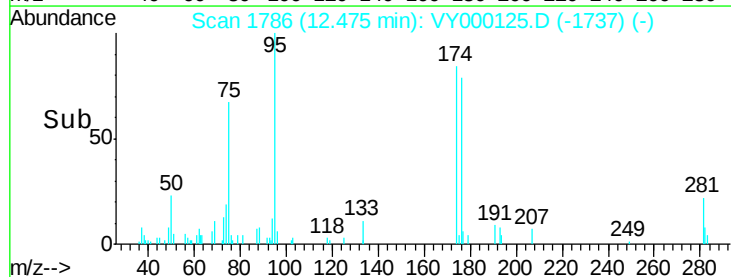
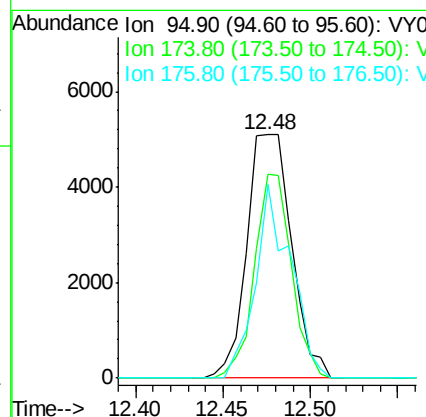
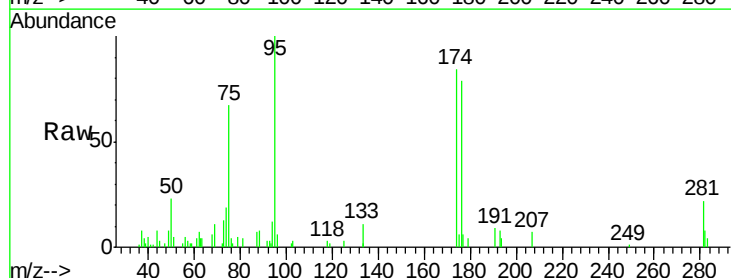
Manual Integrations
 APPROVED

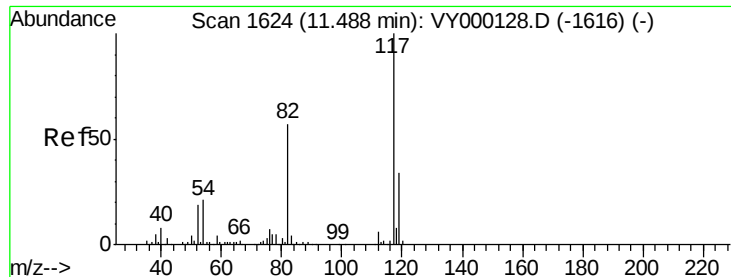
MMDadoda
 9/25/2019 12:39:17 AM



#62
 4-Bromofluorobenzene
 Concen: 4.932 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.8	0.0	140.8
176	62.1	0.0	135.0





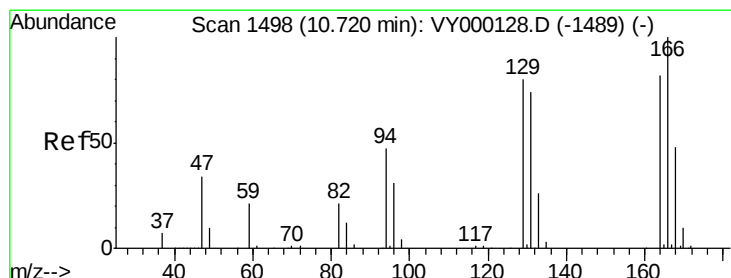
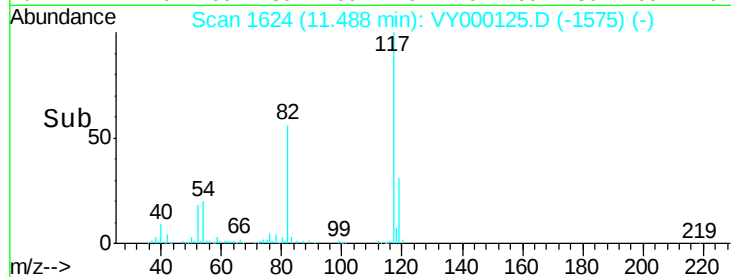
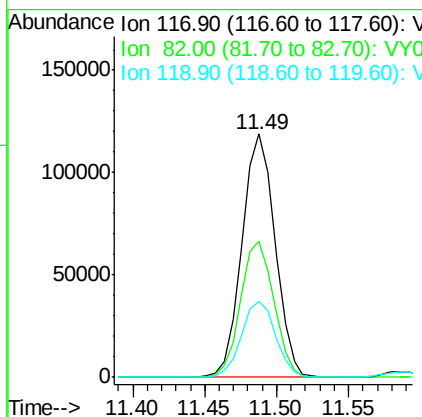
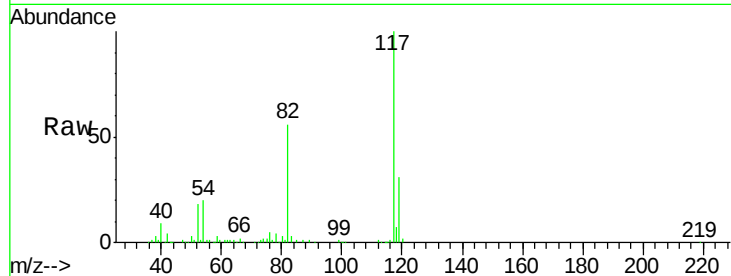
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.5	68.3
119	31.3	27.3	40.9

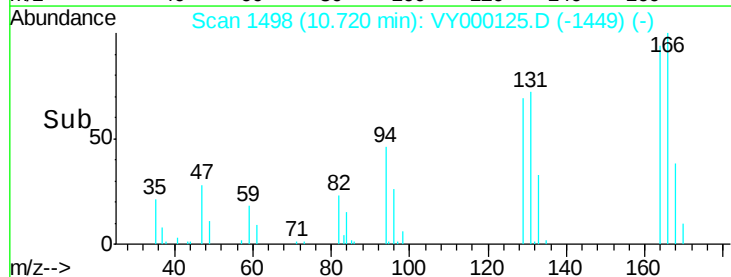
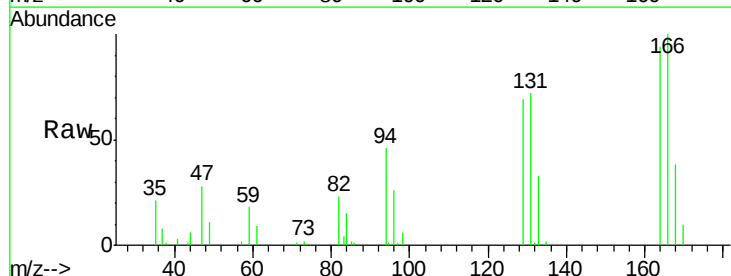
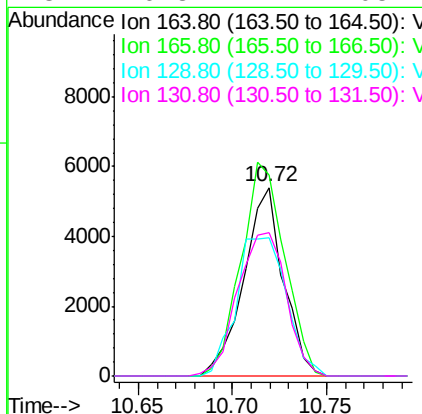
Manual Integrations
APPROVED

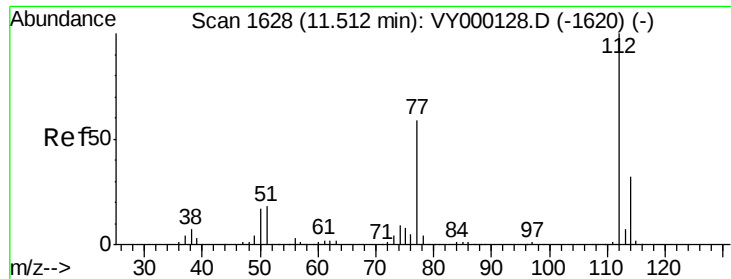
MMDadoda
9/25/2019 12:39:17 AM



#64
Tetrachloroethene
Concen: 5.469 ug/l
RT: 10.72 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	106.7	97.0	145.6
129	73.7	77.6	116.4
131	76.3	72.1	108.1





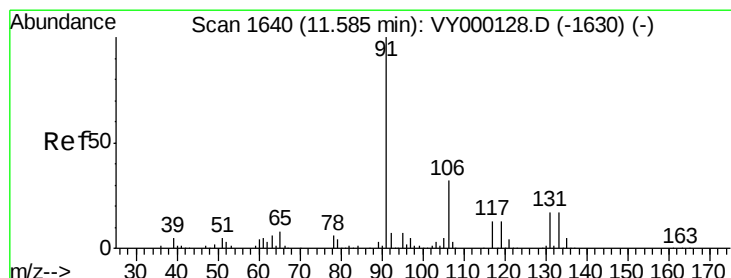
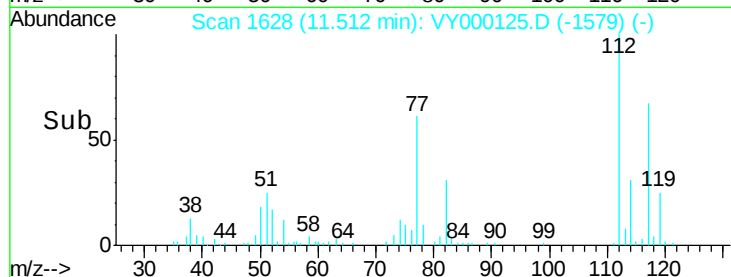
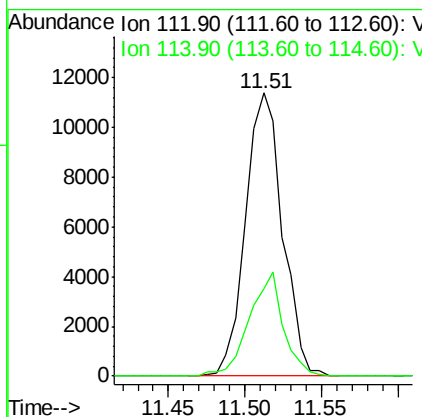
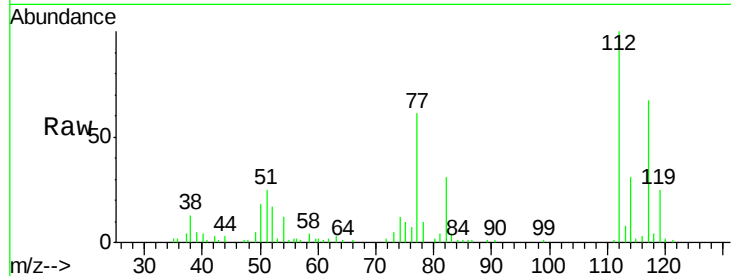
#65
Chlorobenzene
Concen: 4.975 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.6	38.4

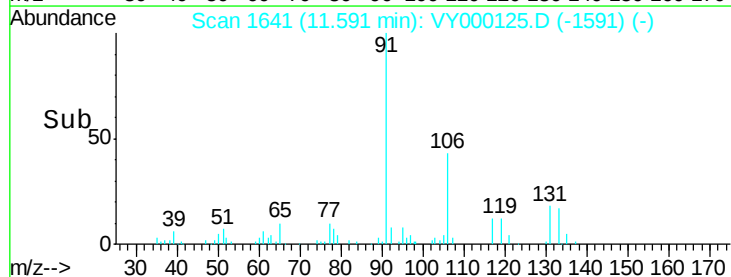
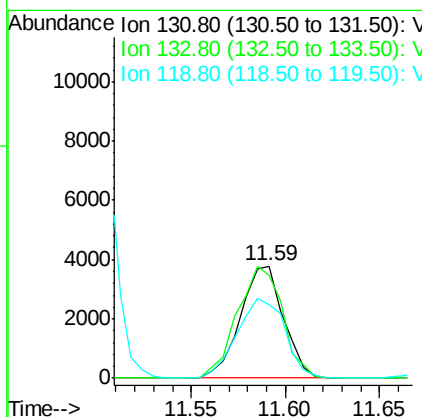
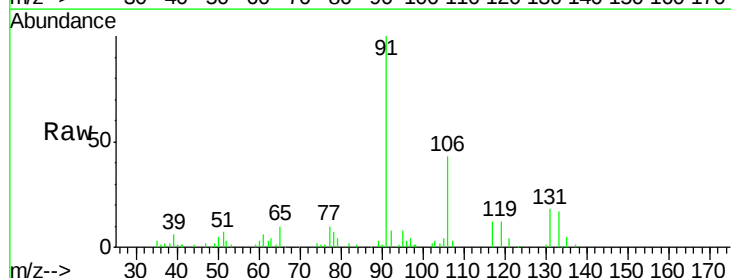
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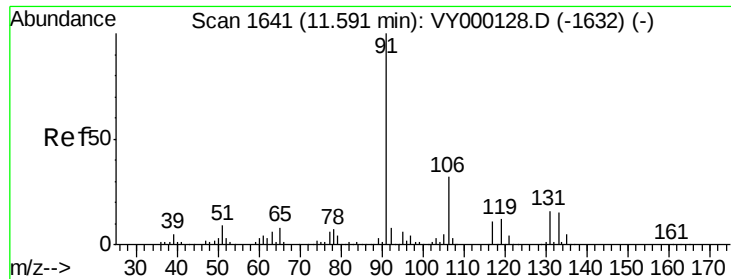
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.845 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. 0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
131	100		
133	104.5	47.5	142.5
119	78.8	35.4	106.2





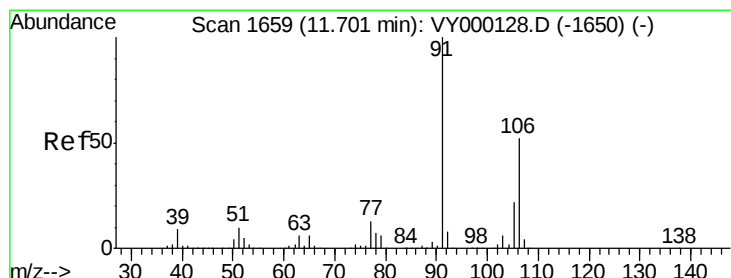
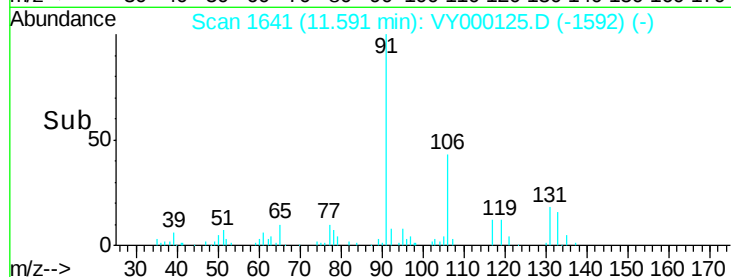
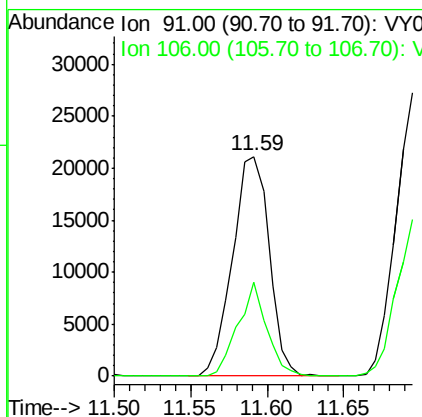
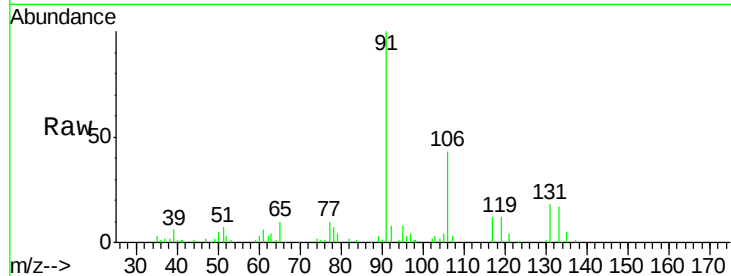
#67
Ethyl Benzene
Concen: 5.026 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 35112
Ion Ratio Lower Upper
91 100
106 42.7 25.6 38.4#

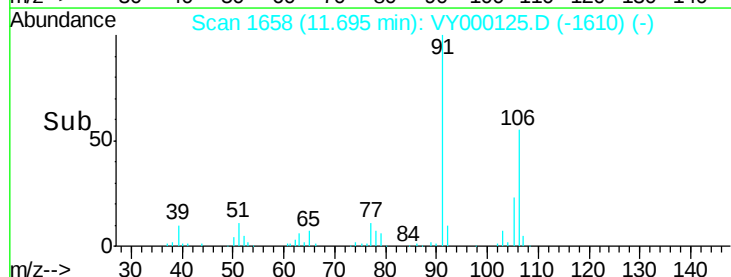
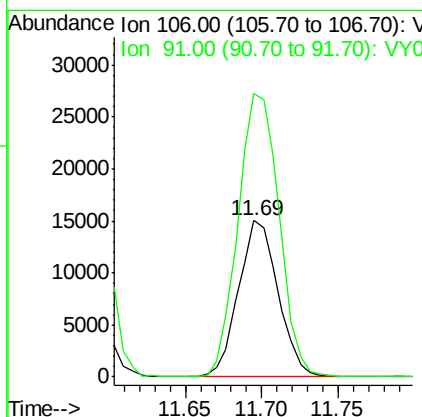
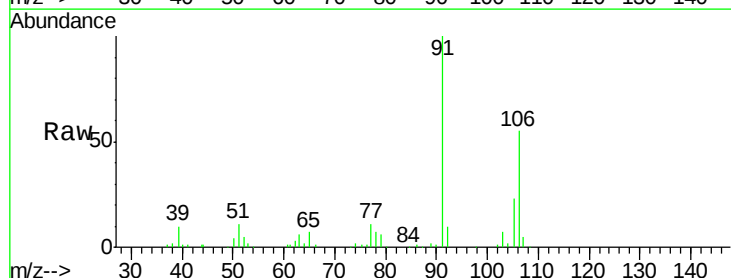
Manual Integrations
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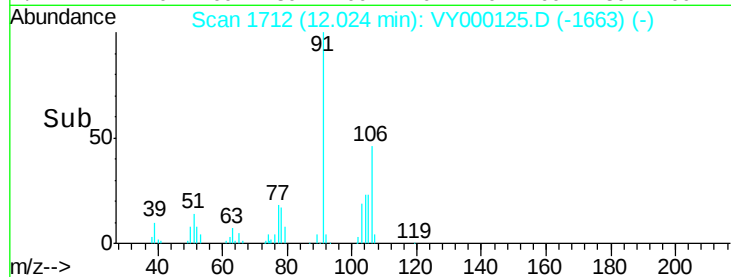
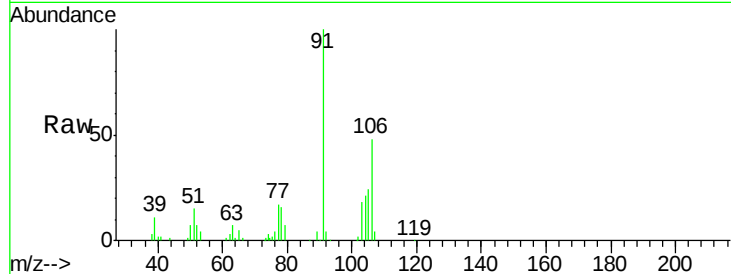
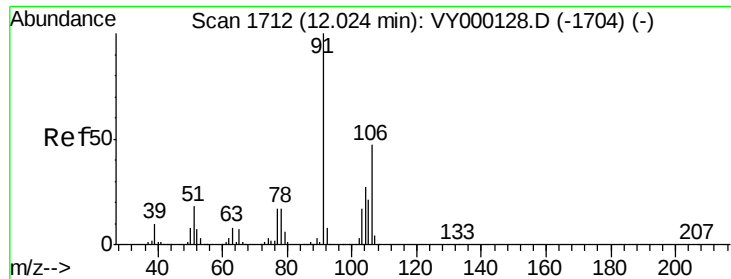
MMDadoda
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#68
m/p-Xylenes
Concen: 9.994 ug/l
RT: 11.69 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion: 106 Resp: 26923
Ion Ratio Lower Upper
106 100
91 188.5 154.6 232.0





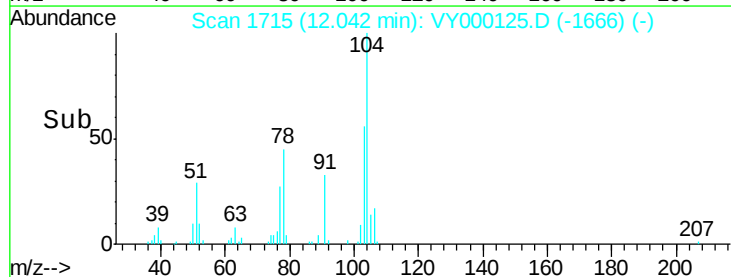
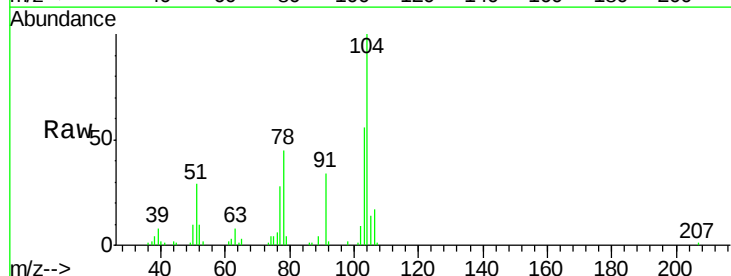
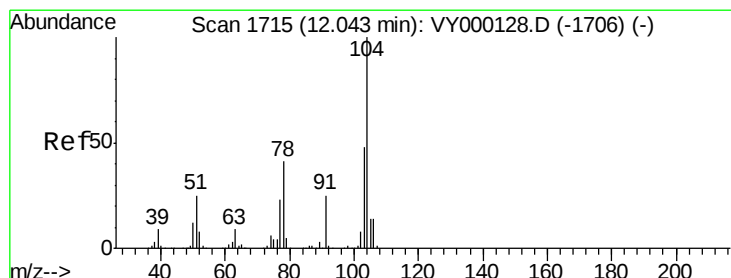
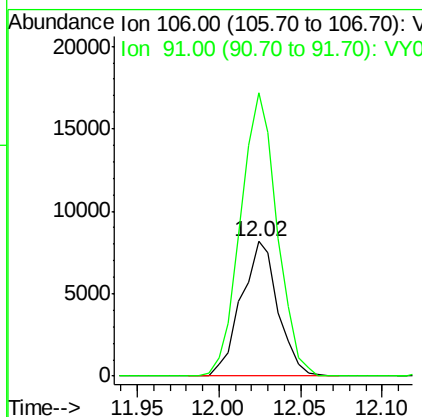
#69
o-Xylene
Concen: 4.970 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	12800		
91	209.2		102.1	306.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

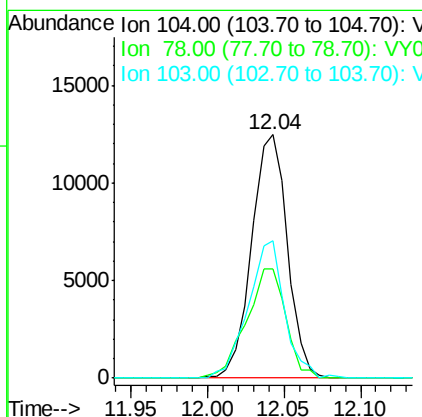
Manual Integrations
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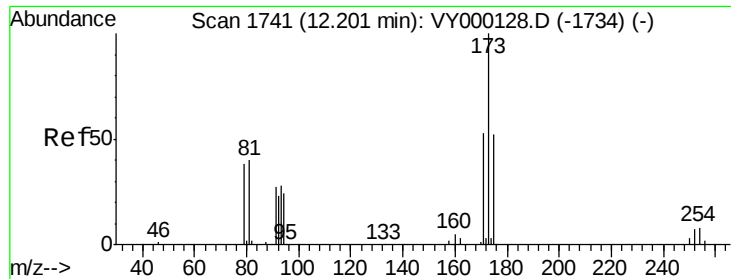
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#70
Styrene
Concen: 4.666 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	20302		
78	49.6		37.3	55.9
103	57.6		42.2	63.2





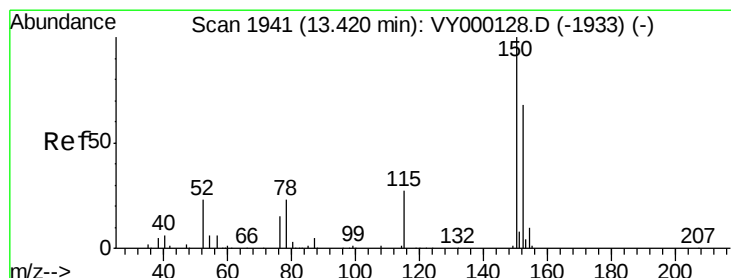
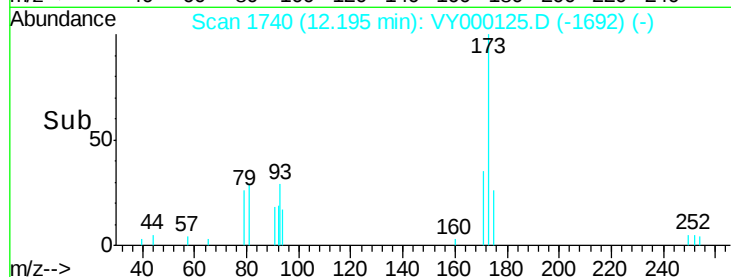
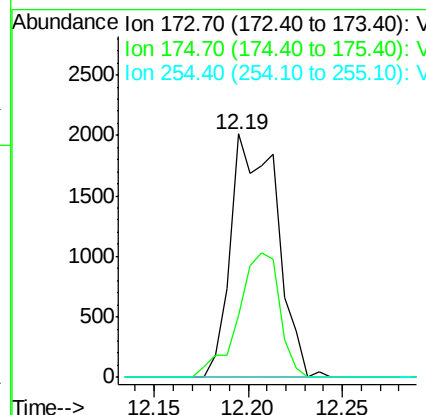
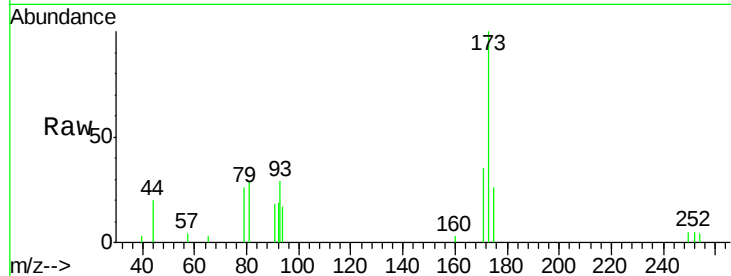
#71
Bromoform
Concen: 4.886 ug/l
RT: 12.19 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.1	23.9	71.8
254	0.0	0.0	0.0

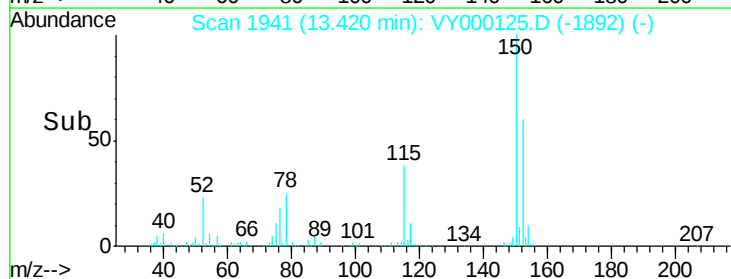
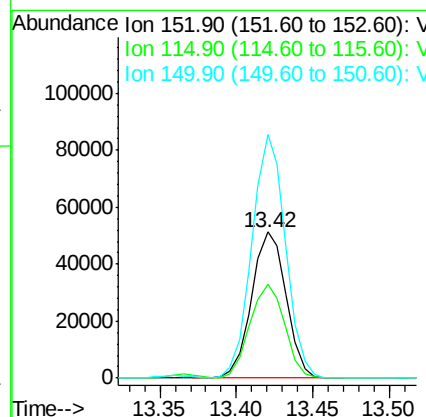
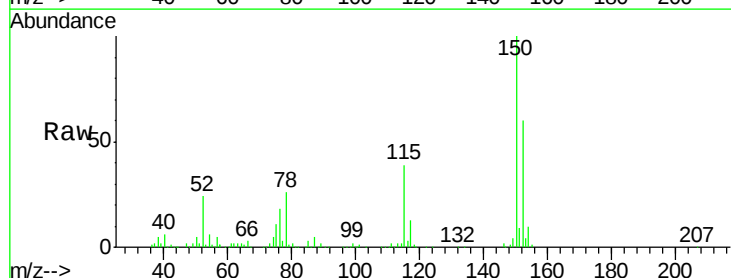
Manual Integrations
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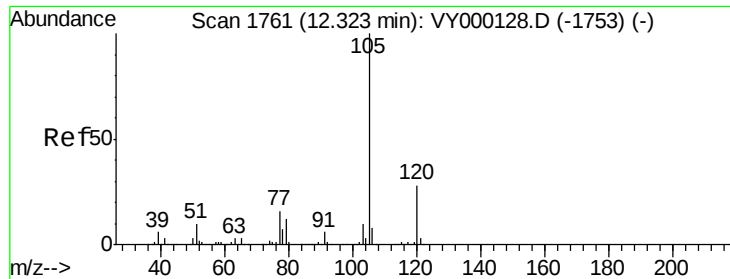
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.7	30.8	92.3
150	162.5	0.0	354.6





#73

Isopropylbenzene

Concen: 5.093 ug/l

RT: 12.33 min Scan# 1762

Delta R.T. 0.01 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 32524

Ion Ratio Lower Upper

105 100

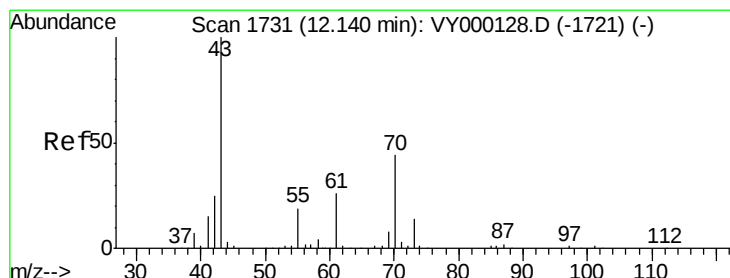
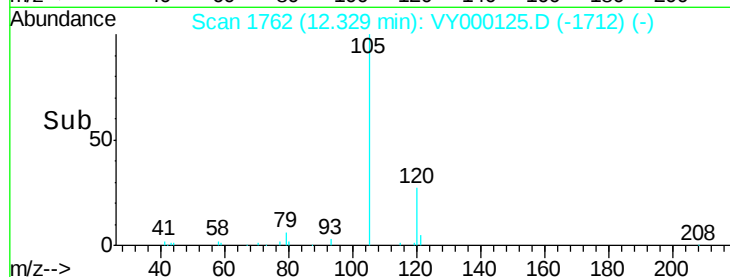
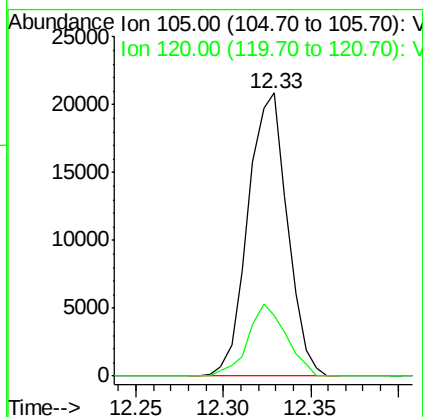
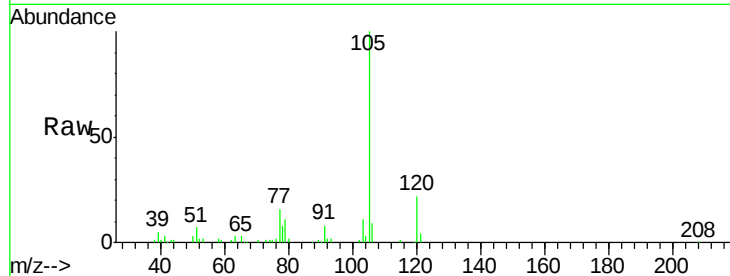
120 24.8 13.8 41.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 4.846 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Tgt Ion: 43 Resp: 8625

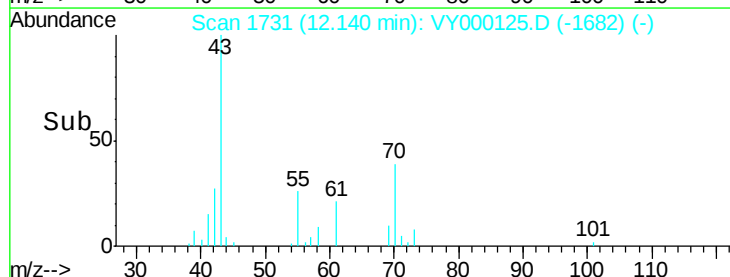
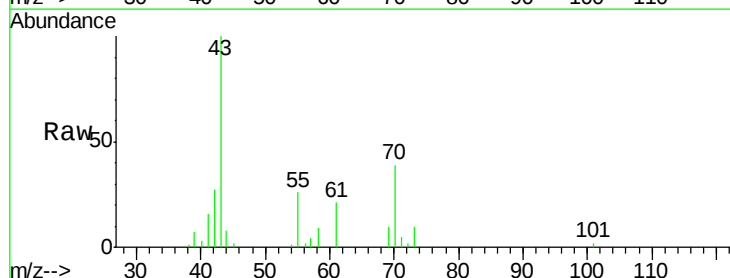
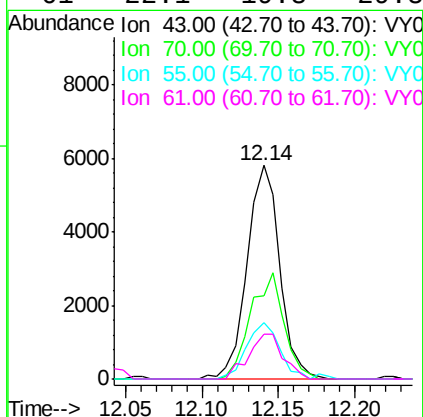
Ion Ratio Lower Upper

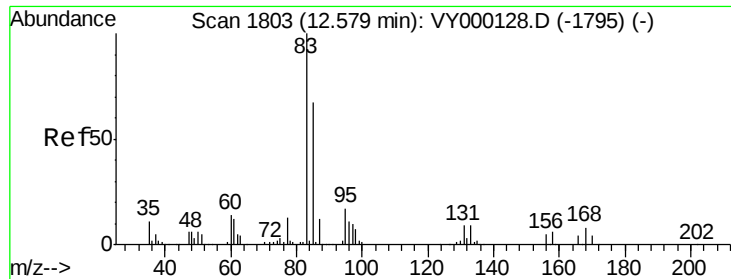
43 100

70 50.9 35.7 53.5

55 26.6 17.2 25.8#

61 22.1 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.239 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

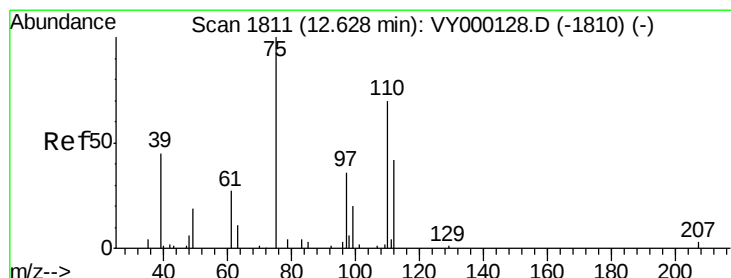
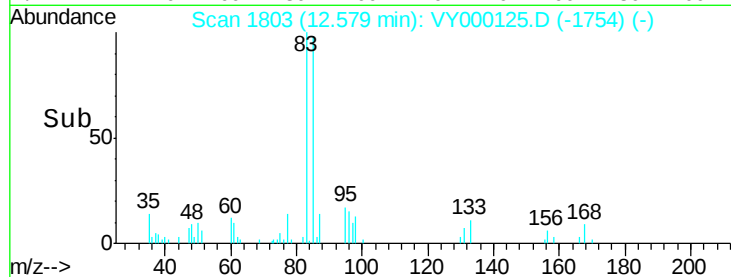
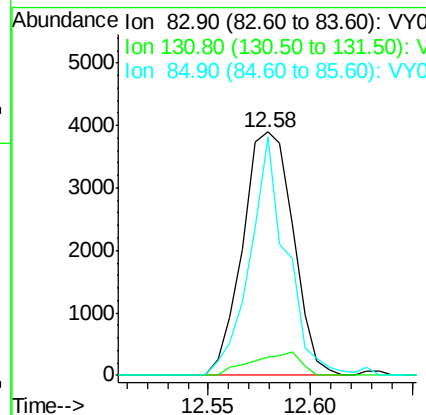
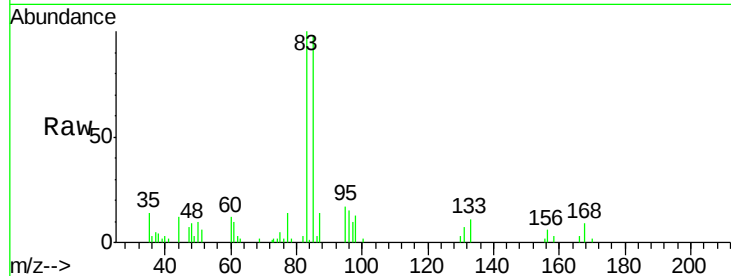
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	6680
Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.9	14.6
85	72.1	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 2.701 ug/l m

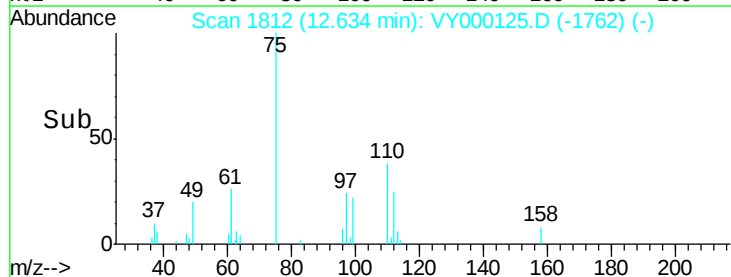
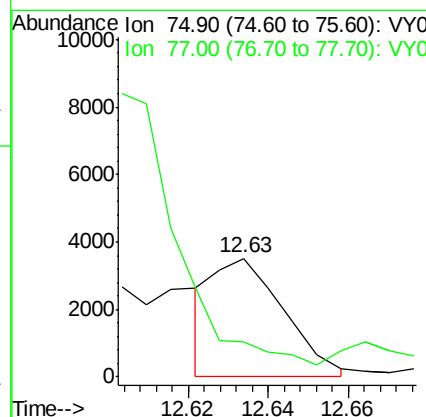
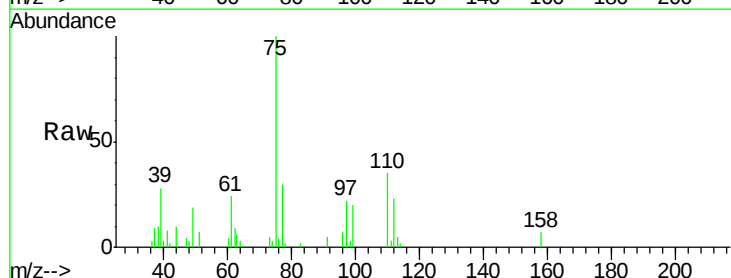
RT: 12.63 min Scan# 1812

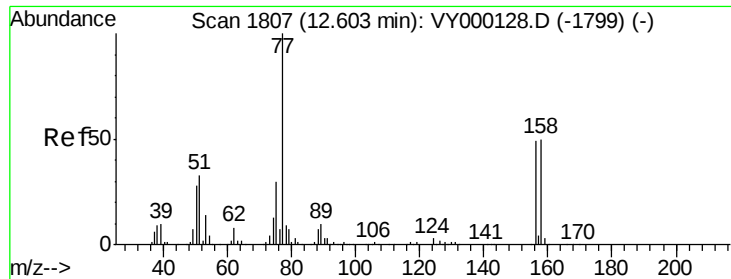
Delta R.T. 0.01 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Tgt Ion:	75	Resp:	4339
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 4.560 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 6089

Ion Ratio Lower Upper

156 100

77 253.7 105.0 314.9

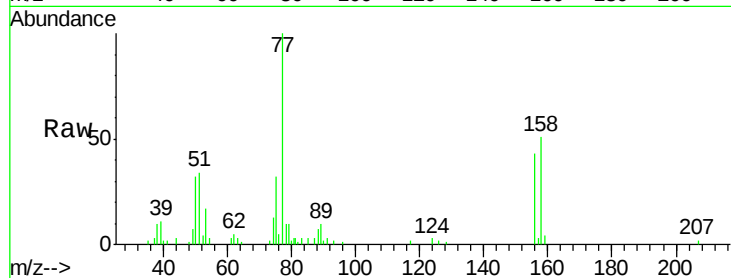
158 113.5 48.4 145.2

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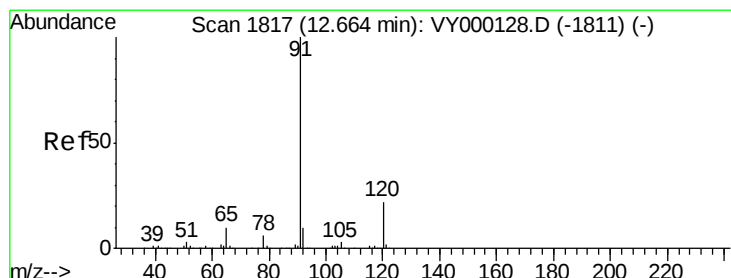
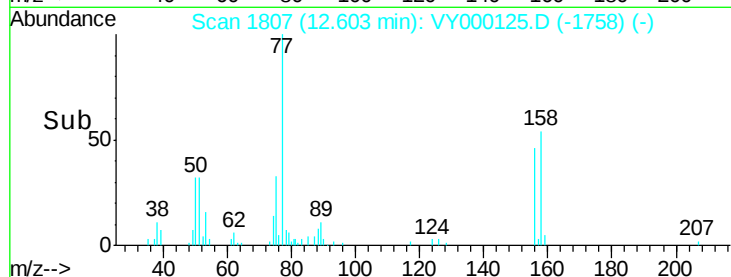
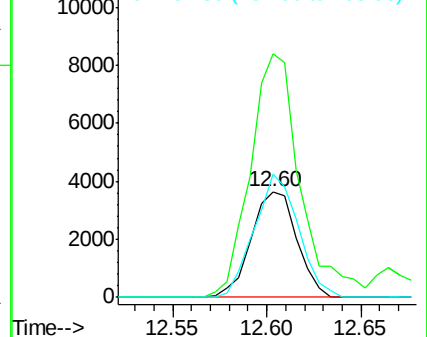
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.111 ug/l

RT: 12.67 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY000125.D

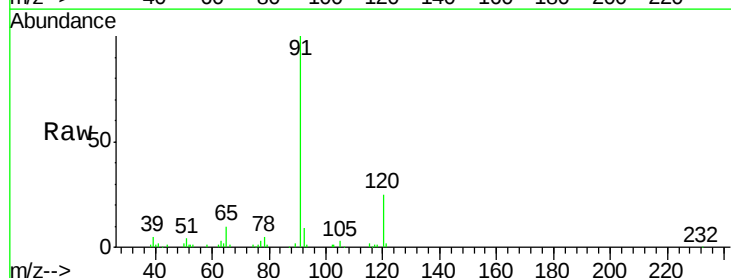
Acq: 23 Sep 2019 11:01

Tgt Ion: 91 Resp: 40368

Ion Ratio Lower Upper

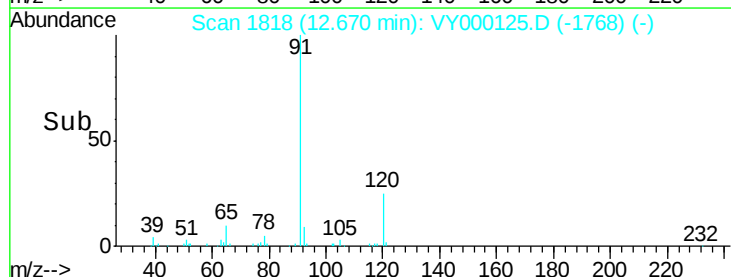
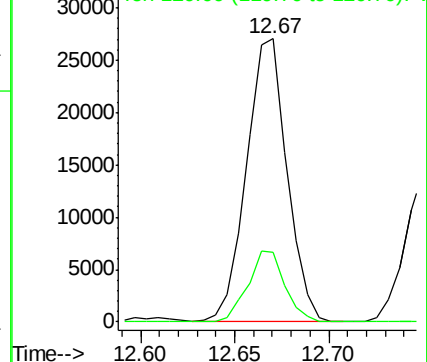
91 100

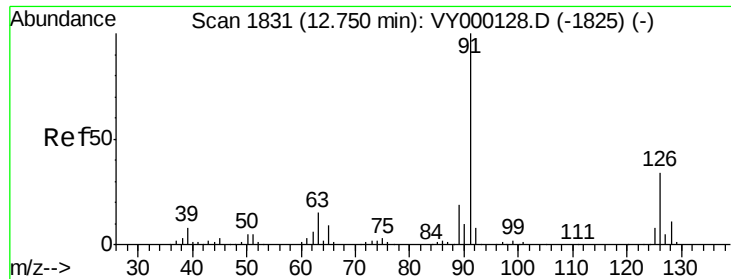
120 22.7 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.157 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 22359

Ion Ratio Lower Upper

91 100

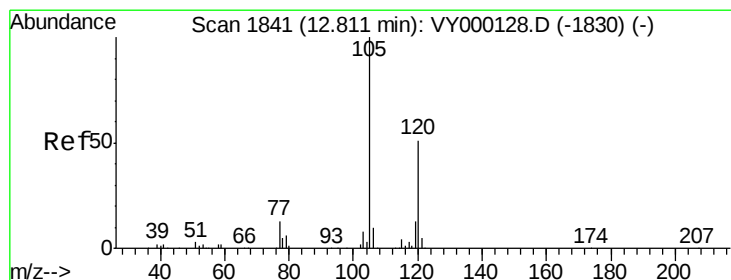
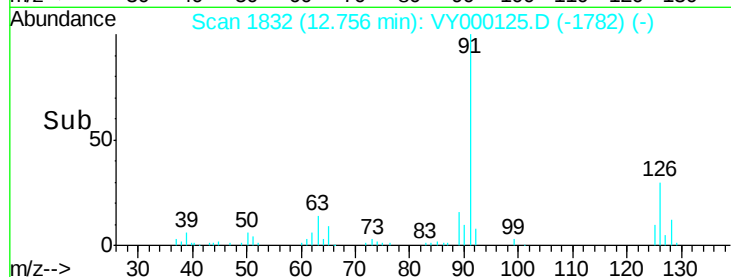
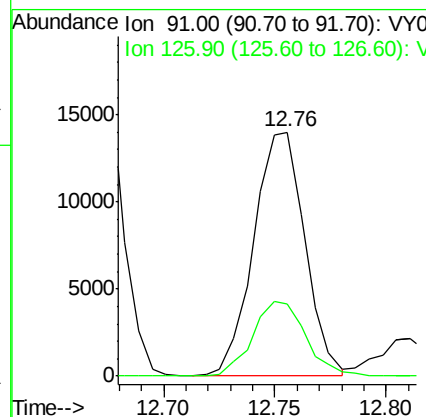
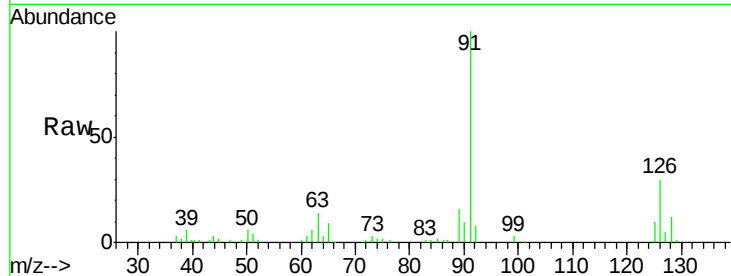
126 31.6 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 5.105 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VY000125.D

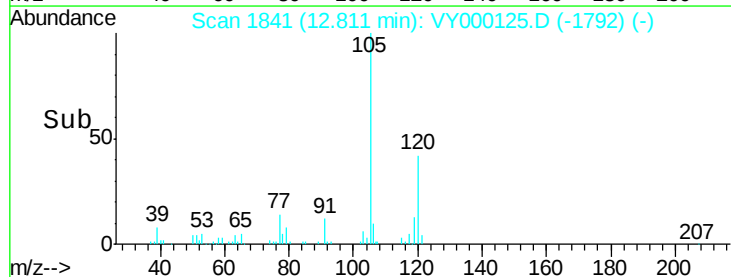
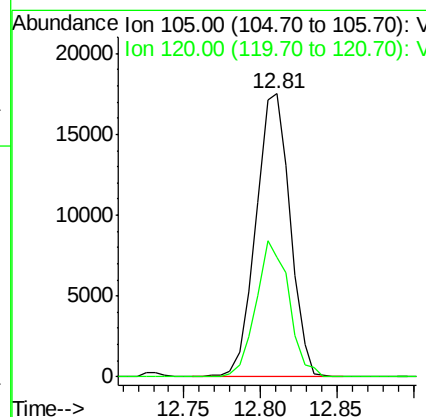
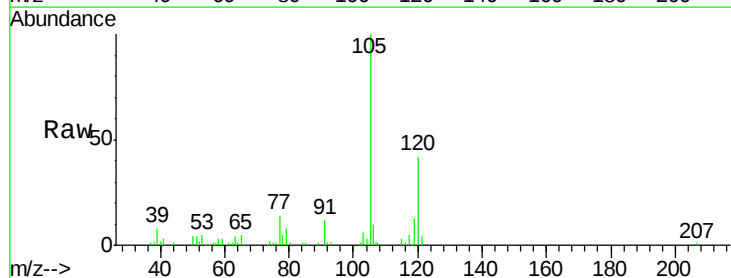
Acq: 23 Sep 2019 11:01

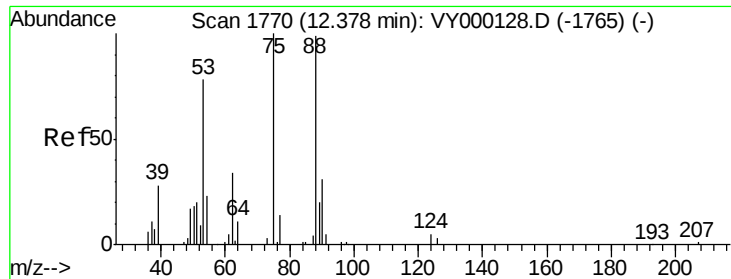
Tgt Ion: 105 Resp: 27282

Ion Ratio Lower Upper

105 100

120 46.3 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 4.918 ug/l

RT: 12.37 min Scan# 1769

Delta R.T. -0.01 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Instrument :

MSVOA_Y

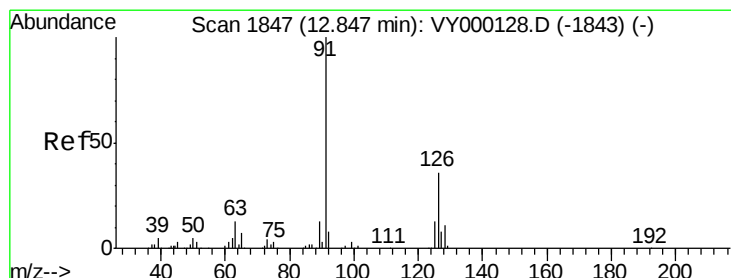
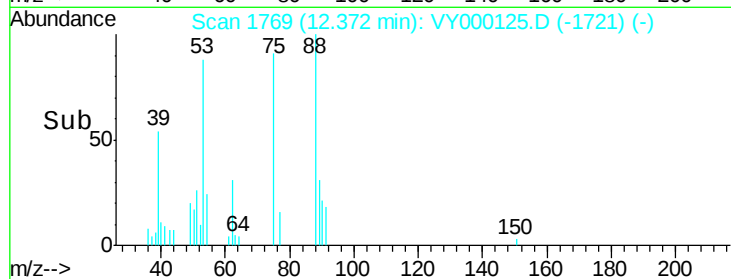
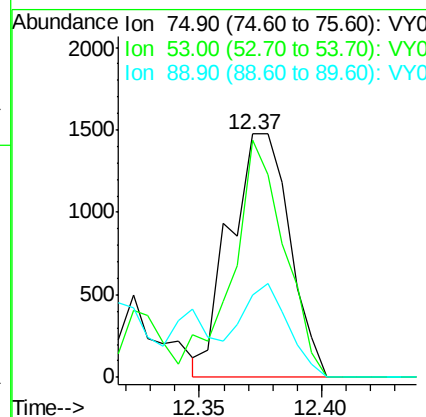
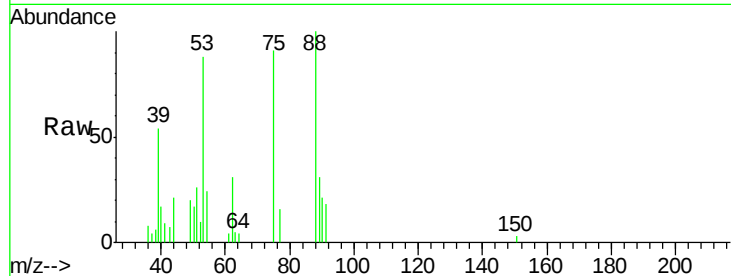
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	2515
Ion Ratio	Lower	Upper	
75	100		
53	84.3	62.5	93.7
89	30.1	31.4	47.2#

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#82

4-Chlorotoluene

Concen: 5.129 ug/l

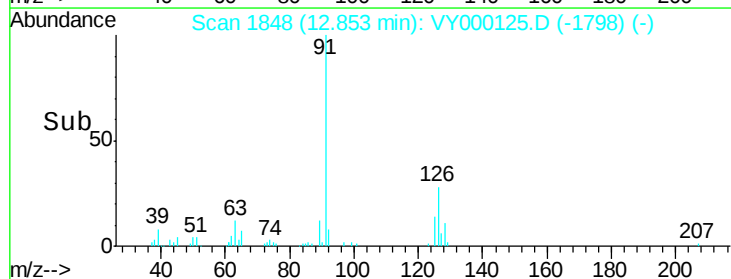
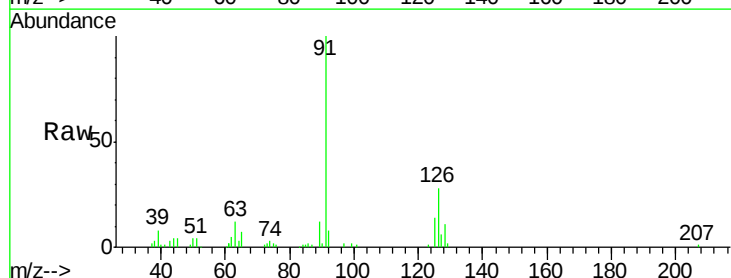
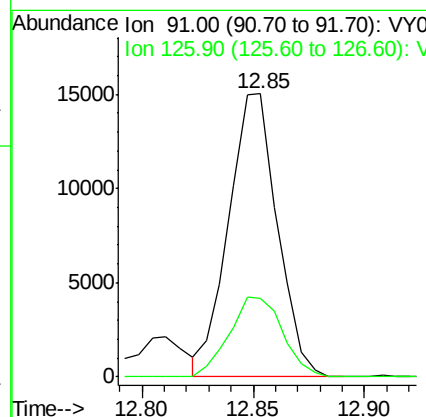
RT: 12.85 min Scan# 1848

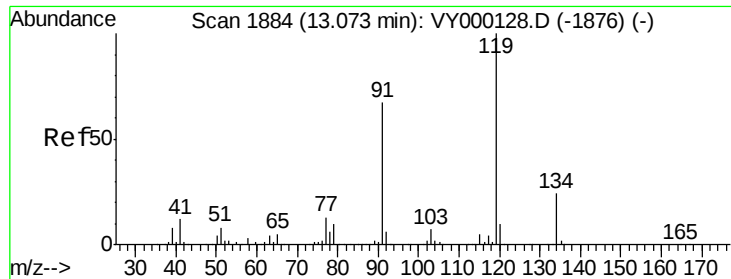
Delta R.T. 0.01 min

Lab File: VY000125.D

Acq: 23 Sep 2019 11:01

Tgt Ion:	91	Resp:	22935
Ion Ratio	Lower	Upper	
91	100		
126	30.8	17.3	51.9





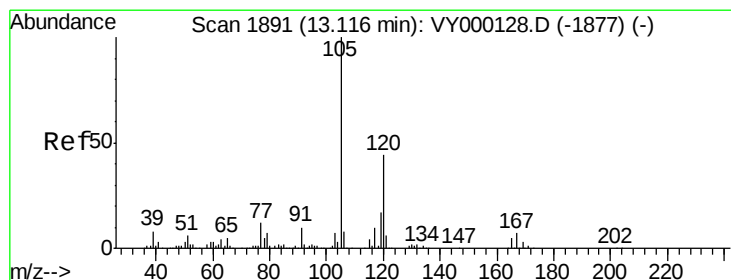
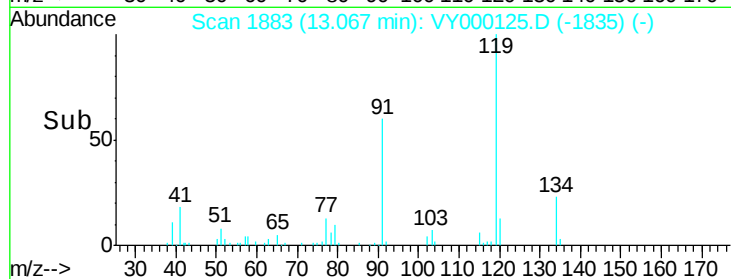
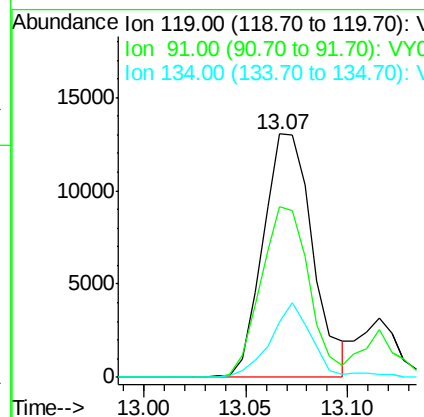
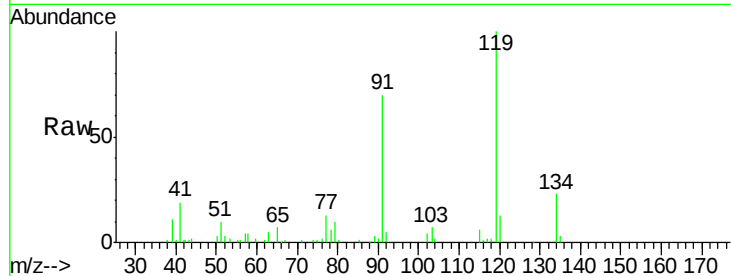
#83
tert-Butylbenzene
Concen: 5.070 ug/l
RT: 13.07 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.0	33.6	100.8
134	25.0	12.6	37.6

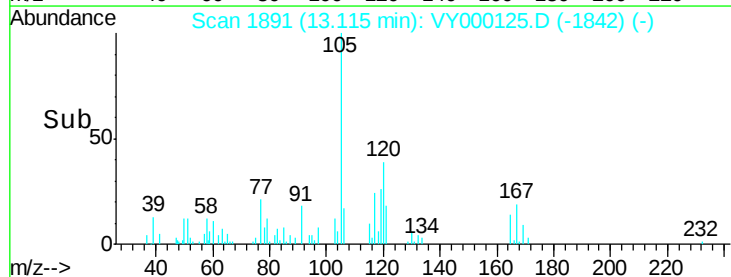
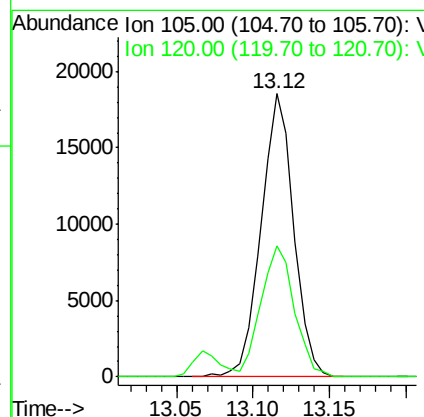
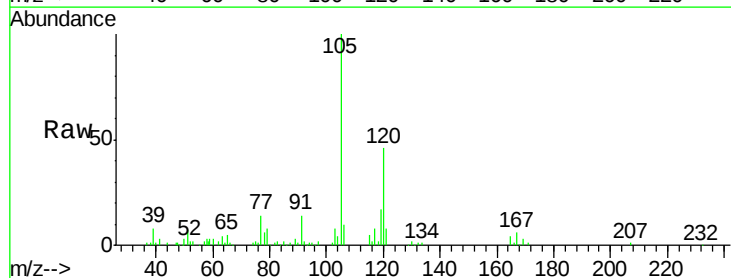
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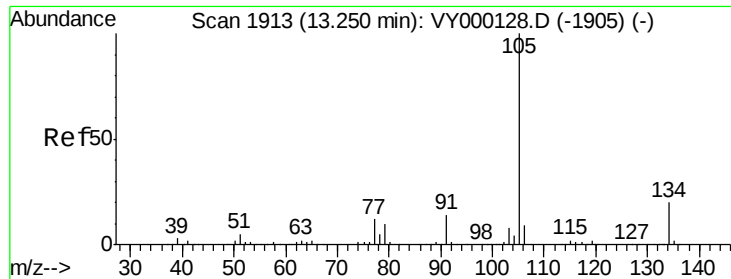
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#84
1,2,4-Trimethylbenzene
Concen: 5.159 ug/l
RT: 13.12 min Scan# 1891
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	22.9	68.8





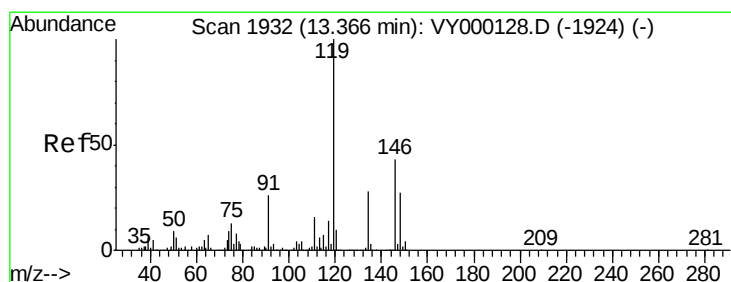
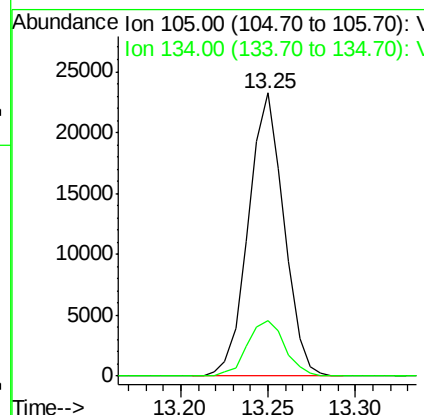
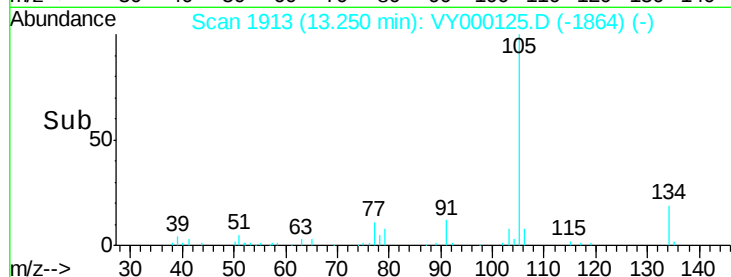
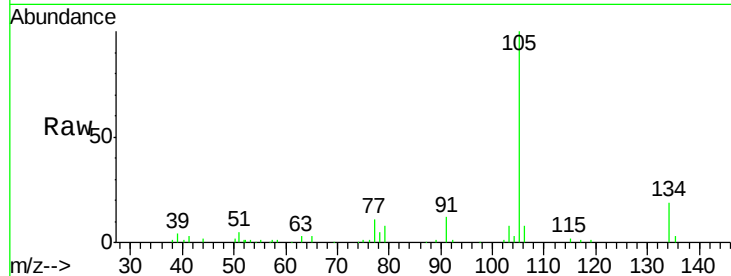
#85
 sec-Butylbenzene
 Concen: 5.013 ug/l
 RT: 13.25 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDIC005

Tot Ion:105 Resp: 32803
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4

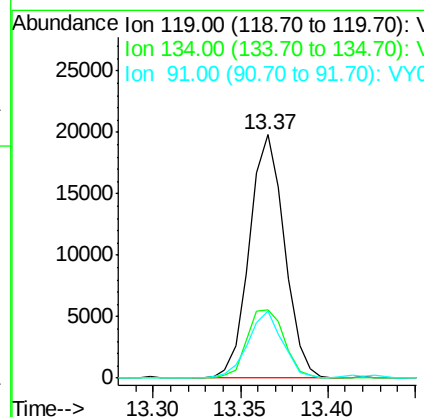
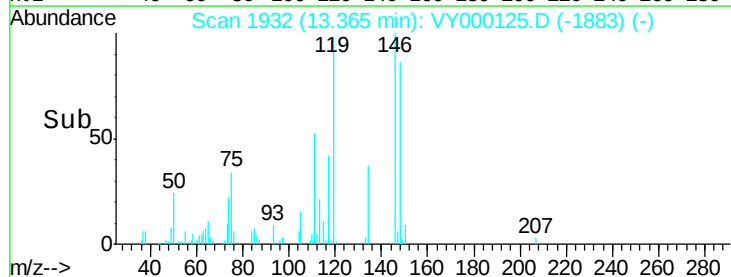
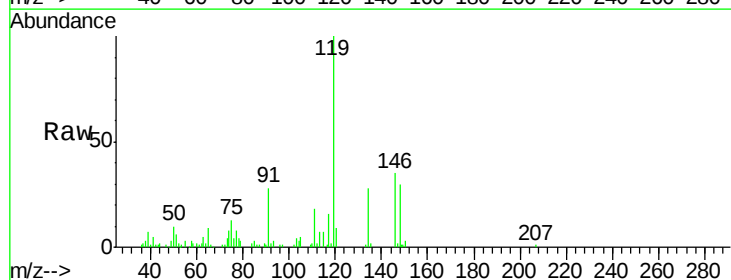
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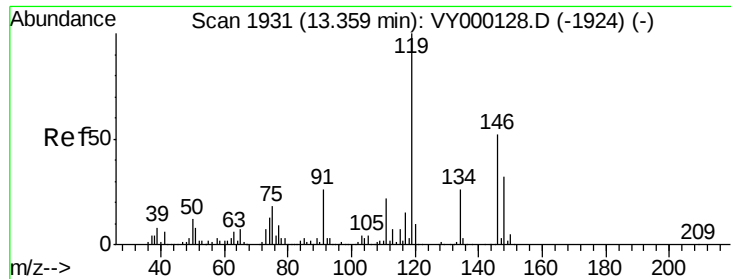
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#86
 p-Isopropyltoluene
 Concen: 4.968 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Tgt Ion:119 Resp: 27716
 Ion Ratio Lower Upper
 119 100
 134 29.8 13.6 40.8
 91 27.1 12.8 38.3





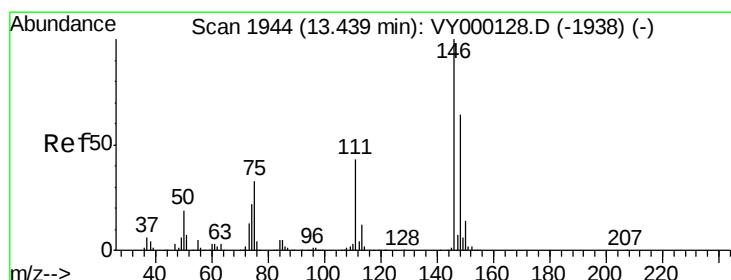
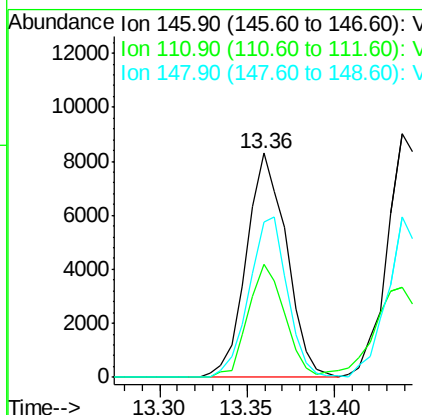
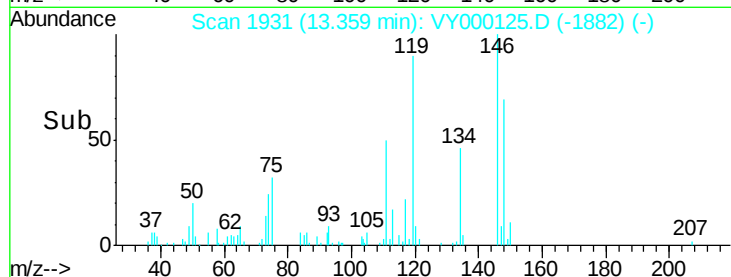
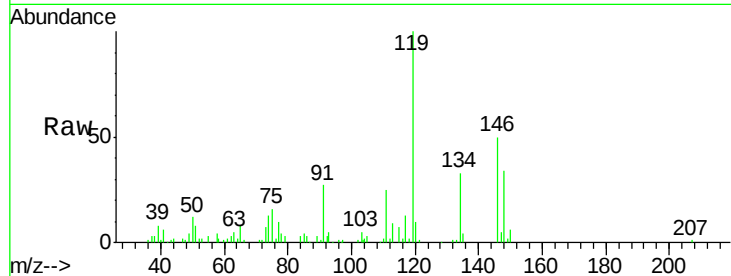
#87
 1,3-Dichlorobenzene
 Concen: 5.074 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.9	20.4	61.2
148	68.0	31.9	95.5

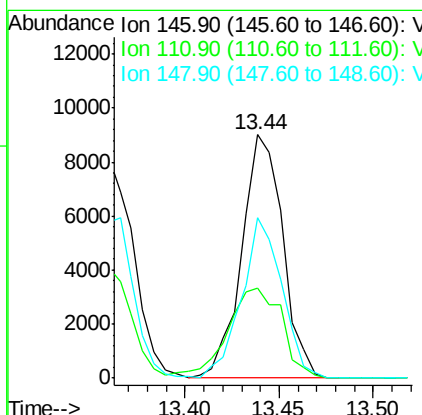
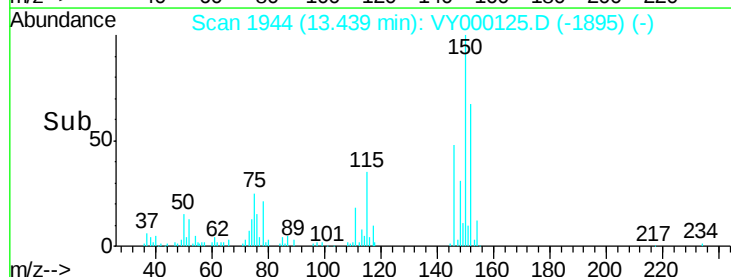
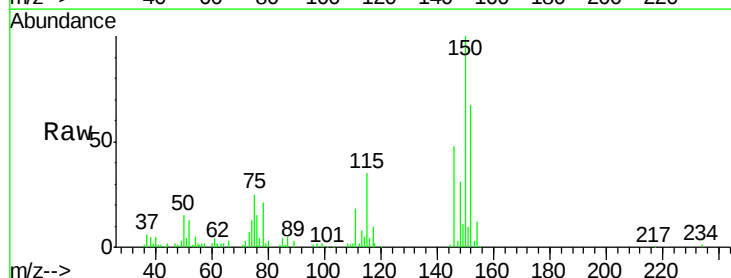
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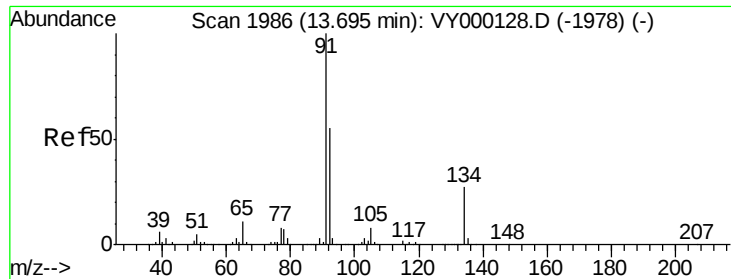
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#88
 1,4-Dichlorobenzene
 Concen: 5.121 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.1	20.6	61.8
148	64.3	31.6	95.0





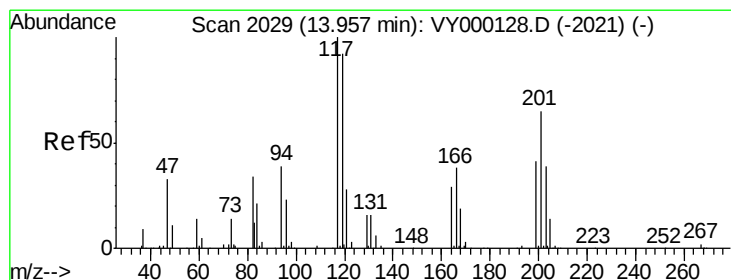
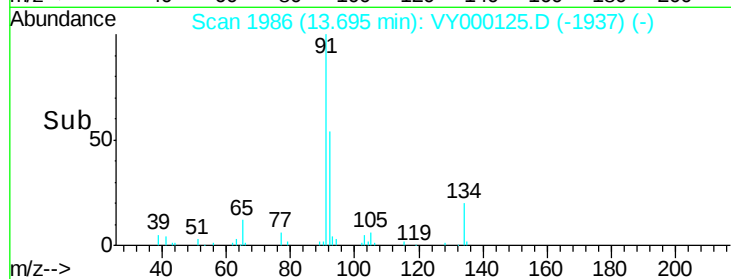
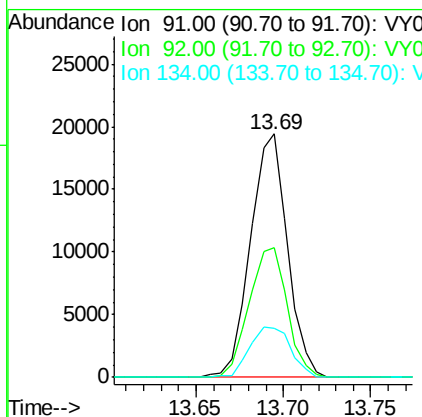
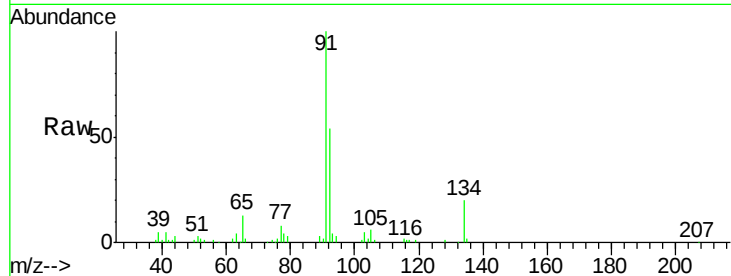
#89
n-Butylbenzene
Concen: 5.022 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.2	81.5
134	23.2	12.9	38.7

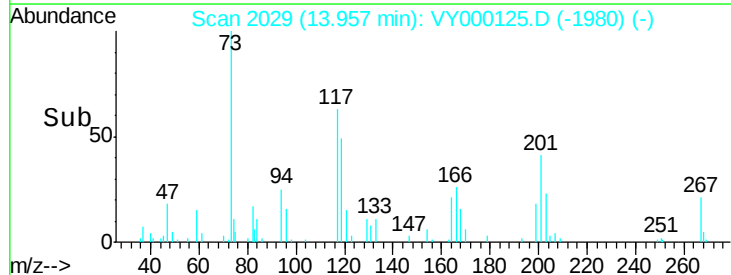
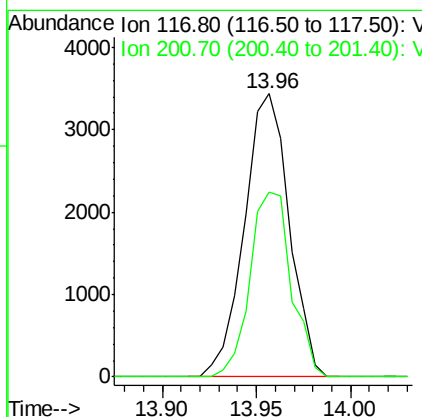
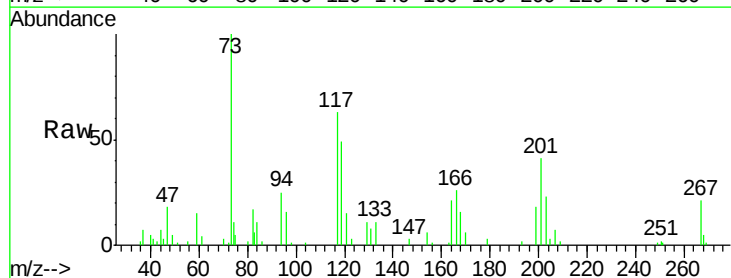
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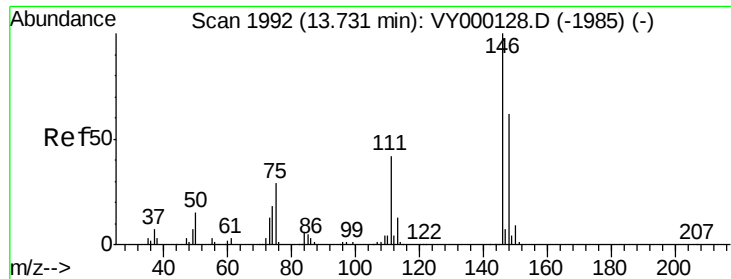
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#90
Hexachloroethane
Concen: 5.141 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	59.9	30.1	90.5





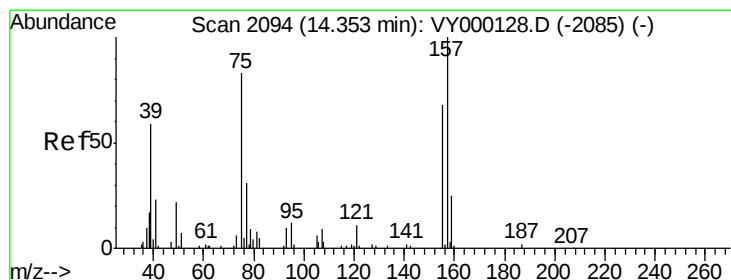
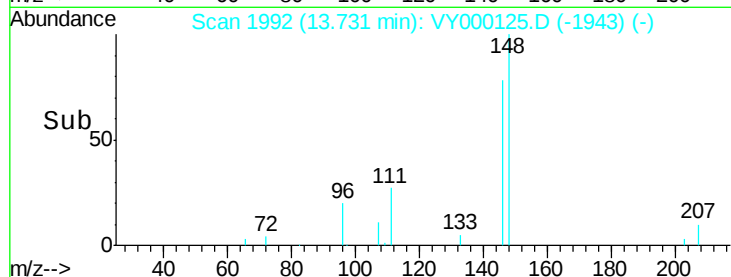
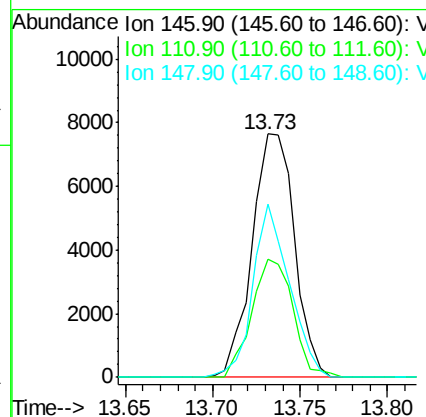
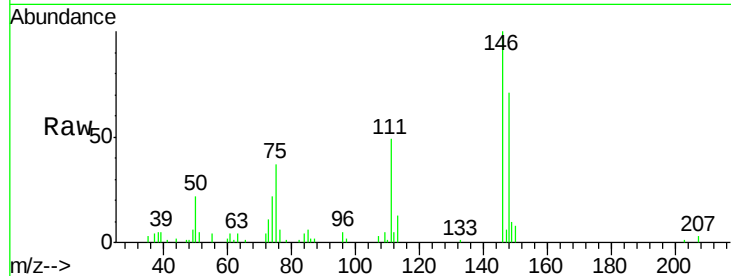
#91
 1,2-Dichlorobenzene
 Concen: 5.241 ug/l
 RT: 13.73 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.1	21.7	65.1
148	60.9	31.5	94.5

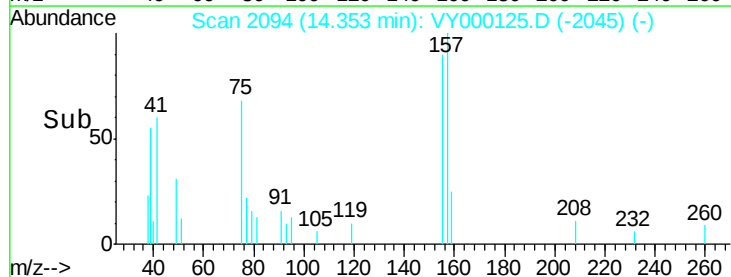
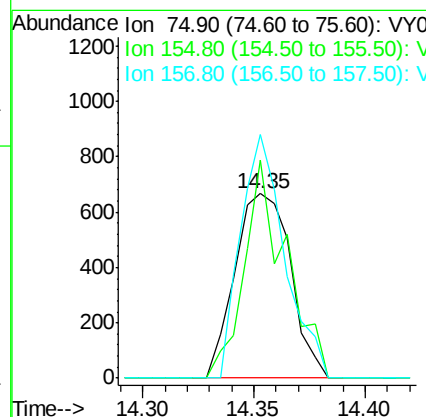
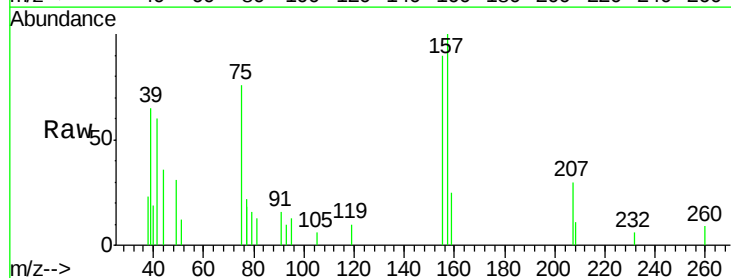
Manual Integrations
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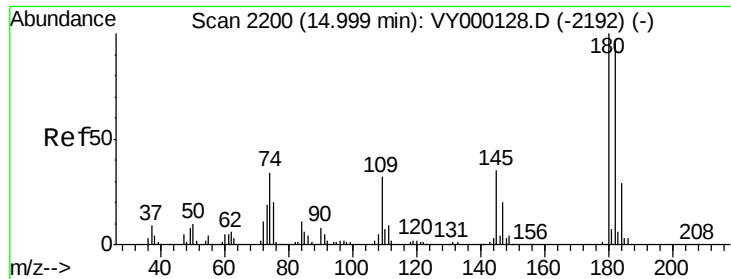
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.967 ug/l
 RT: 14.35 min Scan# 2094
 Delta R.T. -0.00 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.9	44.7	134.1
157	105.1	55.9	167.7





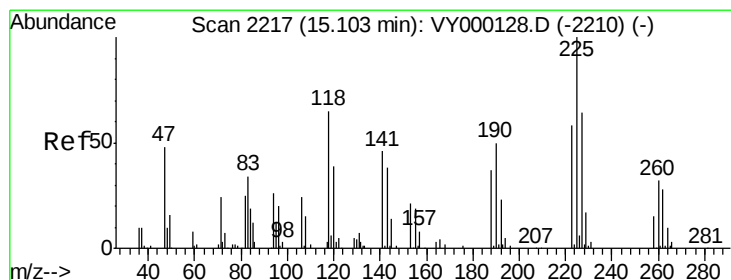
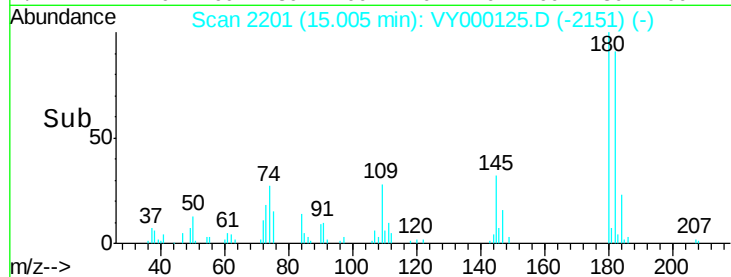
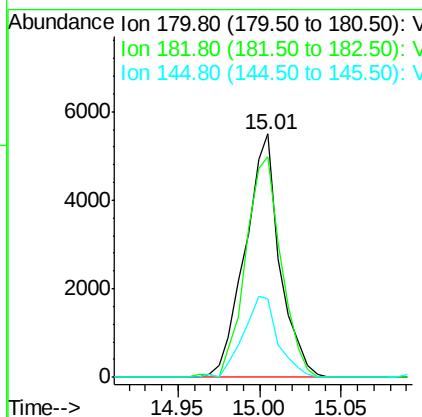
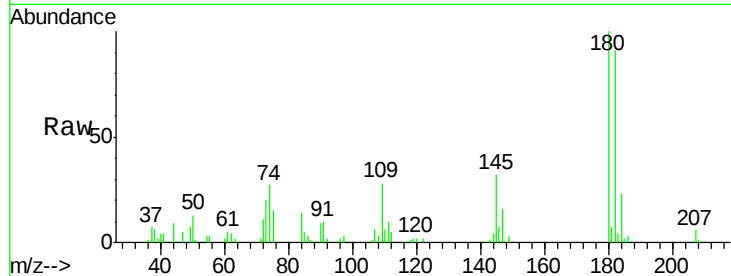
#93
 1,2,4-Trichlorobenzene
 Concen: 5.142 ug/l
 RT: 15.01 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.1	138.2
145	33.2	16.8	50.3

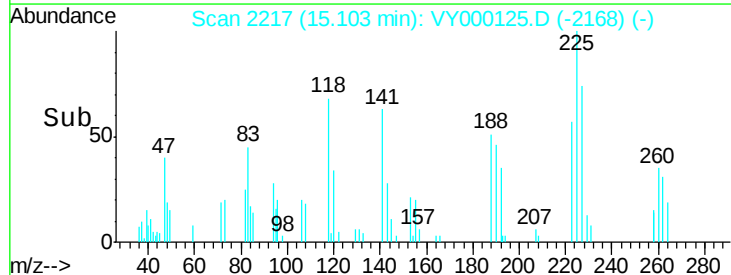
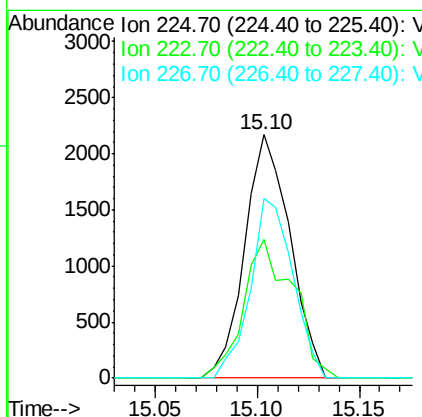
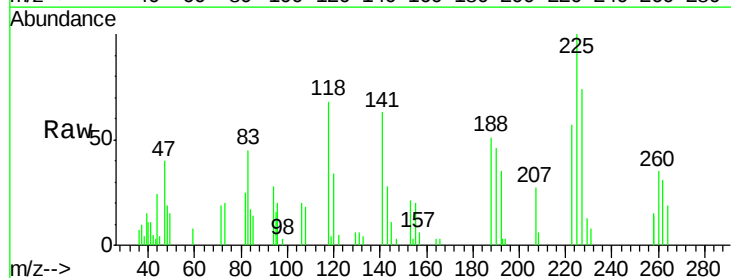
Manual Integrations
 APPROVED

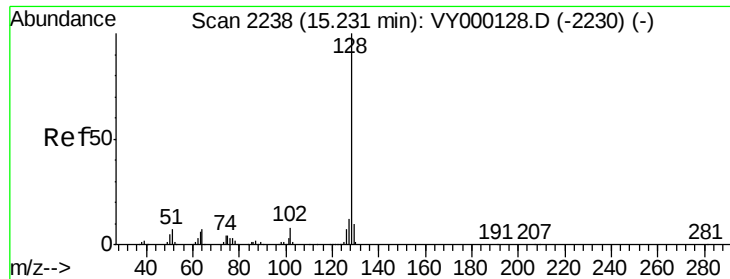
MMDadoda
 9/25/2019 12:39:17 AM



#94
 Hexachlorobutadiene
 Concen: 4.752 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: VY000125.D
 Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.9	95.5
227	69.5	32.3	96.8





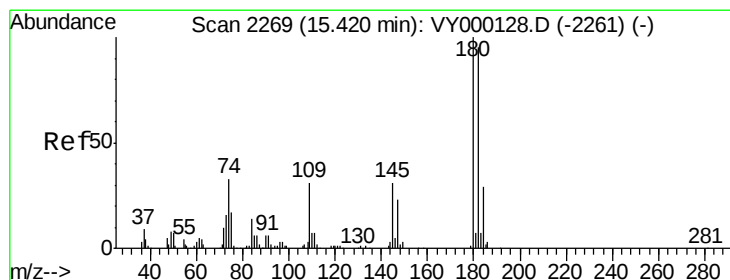
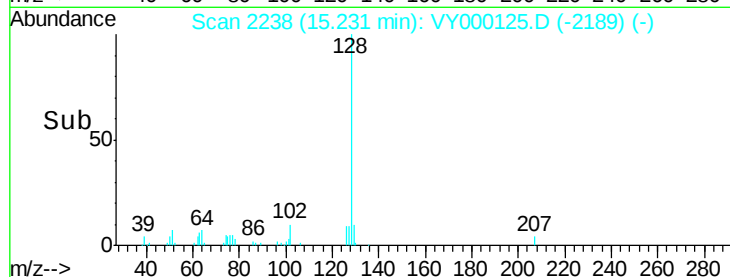
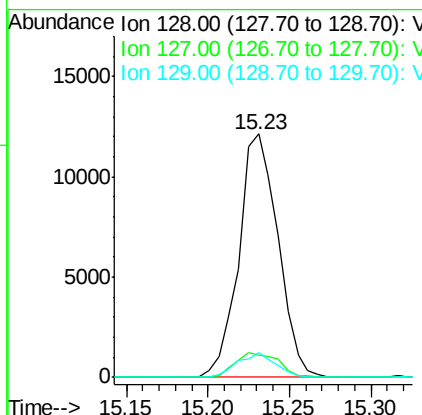
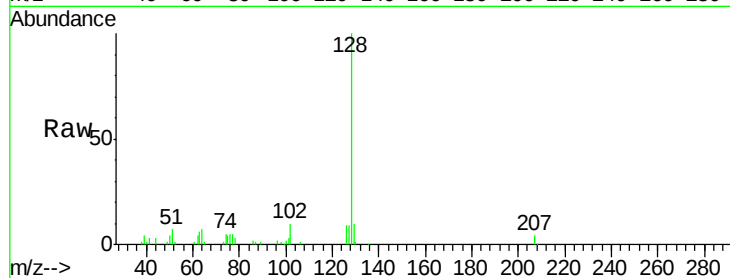
#95
Naphthalene
Concen: 5.064 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.1	9.7	14.5
129	9.7	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
9/25/2019 12:39:17 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.845 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VY000125.D
Acq: 23 Sep 2019 11:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	47.4	142.3
145	39.6	17.5	52.6

