

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000817.D
 Acq On : 27 Nov 2019 14:33
 Operator : SY/MD
 Sample : VY1127SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/2/2019 11:37:05 AM

Quant Time: Nov 29 05:33:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	340377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	582198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	517337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	243997	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	186780	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	7.72	113	173064	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	10.18	98	732963	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.48	95	253712	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	75247	20.537	ug/l	99
3) Chloromethane	2.11	50	91002	20.148	ug/l	93
4) Vinyl Chloride	2.25	62	88461	19.873	ug/l	94
5) Bromomethane	2.63	94	54557	18.807	ug/l	97
6) Chloroethane	2.79	64	52977	19.411	ug/l	91
7) Trichlorofluoromethane	3.12	101	120321	19.724	ug/l	98
8) Diethyl Ether	3.53	74	45506	19.820	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	76074	20.194	ug/l	99
10) Methyl Iodide	4.09	142	91724	19.339	ug/l	99
11) Tert butyl alcohol	4.96	59	38285	105.214	ug/l	98
12) 1,1-Dichloroethene	3.87	96	74408	19.937	ug/l	95
13) Acrolein	3.73	56	40779	113.767	ug/l	99
14) Allyl chloride	4.48	41	126593	19.783	ug/l	98
15) Acrylonitrile	5.17	53	123402	104.084	ug/l	98
16) Acetone	3.95	43	85052	102.511	ug/l	99
17) Carbon Disulfide	4.19	76	245459	20.336	ug/l	99
18) Methyl Acetate	4.49	43	65175	18.787	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	200837	20.150	ug/l	95
20) Methylene Chloride	4.72	84	89525	20.470	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	83564	19.700	ug/l	94
22) Diisopropyl ether	6.13	45	261529	19.885	ug/l	93
23) Vinyl Acetate	6.07	43	837325	104.721	ug/l	99
24) 1,1-Dichloroethane	6.03	63	142290	19.629	ug/l	98
25) 2-Butanone	6.99	43	158289	103.278	ug/l	99
26) 2,2-Dichloropropane	6.99	77	119576	19.599	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	90311	19.696	ug/l	98
28) Bromochloromethane	7.34	49	34386	14.431	ug/l	95
29) Tetrahydrofuran	7.36	42	106806	105.164	ug/l	97
30) Chloroform	7.52	83	143285	19.704	ug/l	96
31) Cyclohexane	7.79	56	152807	19.899	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	117559	19.577	ug/l	99
36) 1,1-Dichloropropene	7.93	75	114225	19.732	ug/l	98
37) Ethyl Acetate	7.08	43	70326	21.040	ug/l	99
38) Carbon Tetrachloride	7.91	117	100952	19.582	ug/l	91

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	152592	19.896	ug/l	97
40) Benzene	8.17	78	339208	20.117	ug/l	99
41) Methacrylonitrile	7.33	41	38623m	21.924	ug/l	
42) 1,2-Dichloroethane	8.24	62	87605	19.755	ug/l	99
43) Isopropyl Acetate	8.28	43	126868	20.141	ug/l	99
44) Trichloroethene	8.94	130	85711	19.779	ug/l	95
45) 1,2-Dichloropropane	9.22	63	83962	19.824	ug/l	97
46) Dibromomethane	9.31	93	44197	19.972	ug/l	98
47) Bromodichloromethane	9.50	83	100792	19.388	ug/l	97
48) Methyl methacrylate	9.30	41	54674	19.739	ug/l	93
49) 1,4-Dioxane	9.30	88	13775	439.312	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	341344	104.883	ug/l	99
52) Toluene	10.24	92	208811	20.001	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	111059	19.885	ug/l	93
54) cis-1,3-Dichloropropene	9.93	75	132044	20.002	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	65613	20.068	ug/l	97
56) Ethyl methacrylate	10.51	69	96243	20.577	ug/l	97
57) 1,3-Dichloropropane	10.79	76	114261	20.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	193051	102.367	ug/l	100
59) 2-Hexanone	10.83	43	240609	101.459	ug/l	99
60) Dibromochloromethane	10.99	129	68342	19.417	ug/l	98
61) 1,2-Dibromoethane	11.09	107	63684	20.668	ug/l	95
64) Tetrachloroethene	10.72	164	89724	19.962	ug/l	97
65) Chlorobenzene	11.51	112	215400	20.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	72266	19.941	ug/l	99
67) Ethyl Benzene	11.59	91	404132	20.179	ug/l	100
68) m/p-Xylenes	11.70	106	302980	40.305	ug/l	100
69) o-Xylene	12.03	106	142470	20.327	ug/l	99
70) Styrene	12.04	104	237913	19.824	ug/l	100
71) Bromoform	12.20	173	40337	19.735	ug/l #	99
73) Isopropylbenzene	12.33	105	382255	19.676	ug/l	99
74) N-amyl acetate	12.14	43	109864	20.317	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	78727	20.566	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	53678m	19.417	ug/l	
77) Bromobenzene	12.61	156	81661	19.391	ug/l	95
78) n-propylbenzene	12.67	91	470035	19.815	ug/l	99
79) 2-Chlorotoluene	12.75	91	259828	19.827	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	319471	19.861	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	27731	19.704	ug/l	96
82) 4-Chlorotoluene	12.85	91	267008	19.776	ug/l	99
83) tert-Butylbenzene	13.07	119	265360	19.622	ug/l	97
84) 1,2,4-Trimethylbenzene	13.11	105	320713	19.928	ug/l	98
85) sec-Butylbenzene	13.25	105	392661	19.964	ug/l	100
86) p-Isopropyltoluene	13.36	119	341419	19.958	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	163897	19.839	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	164605	20.123	ug/l	98
89) n-Butylbenzene	13.69	91	347827	20.110	ug/l	99
90) Hexachloroethane	13.95	117	61526	19.524	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	151315	20.363	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	13439	20.970	ug/l	95

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VY1127SBSD01

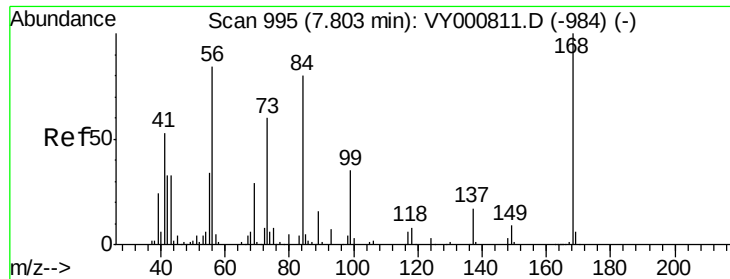
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QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	104306	20.744	ug/l	99
94) Hexachlorobutadiene	15.11	225	51432	20.631	ug/l	98
95) Naphthalene	15.23	128	243131	20.824	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	92230	20.535	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion:168 Resp: 340377

Ion Ratio Lower Upper

168 100

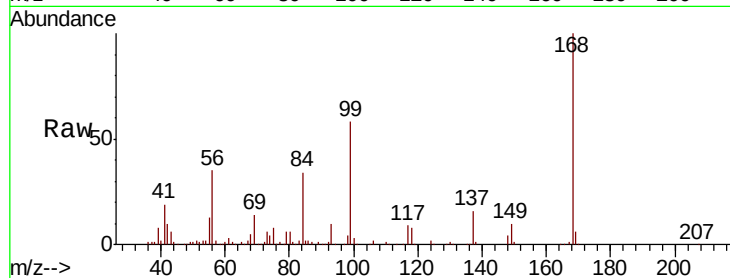
99 58.2 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

150000

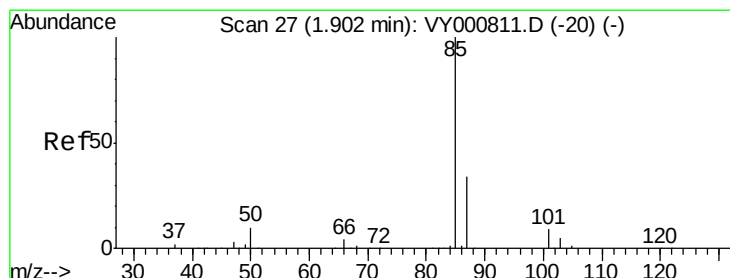
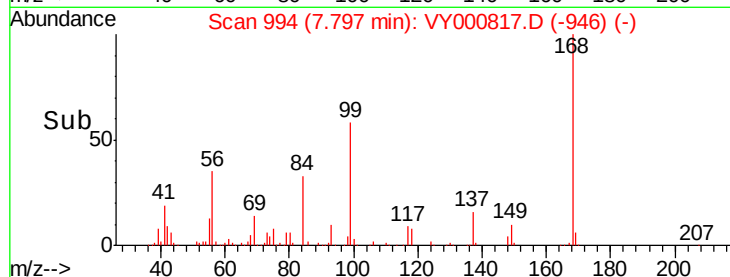
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.537 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000817.D

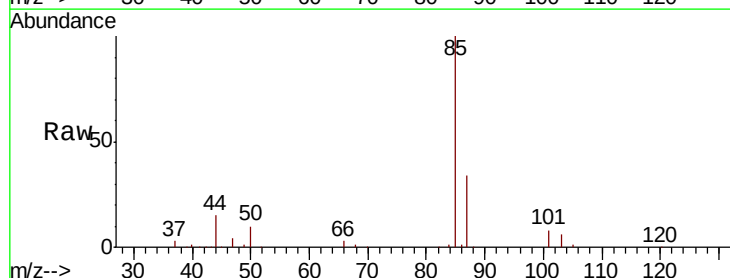
Acq: 27 Nov 2019 14:33

Tgt Ion: 85 Resp: 75247

Ion Ratio Lower Upper

85 100

87 33.8 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)

50000

40000

30000

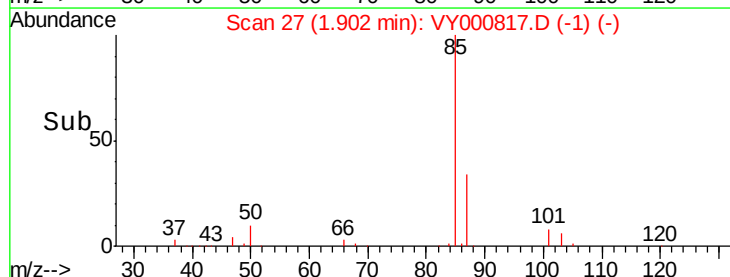
20000

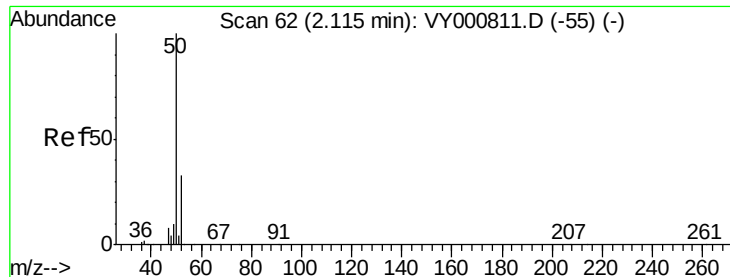
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.148 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion: 50 Resp: 91002

Ion Ratio Lower Upper

50 100

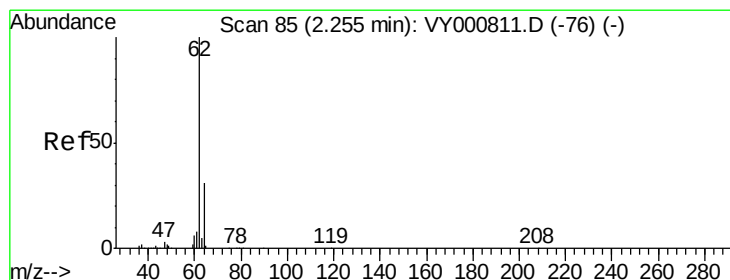
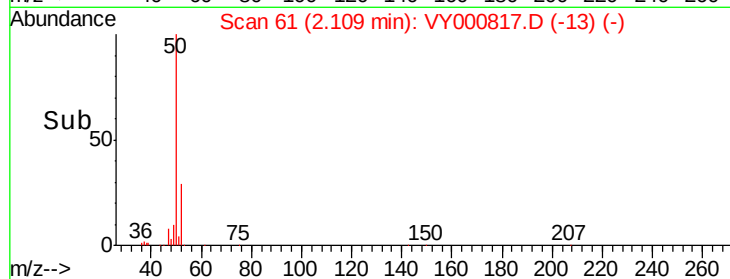
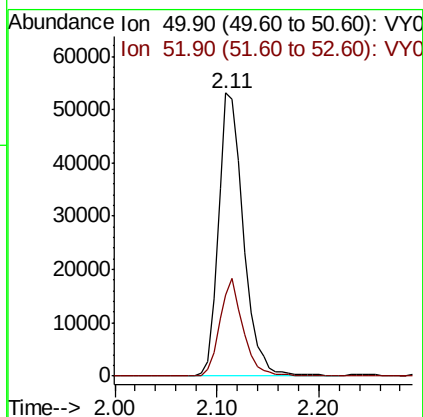
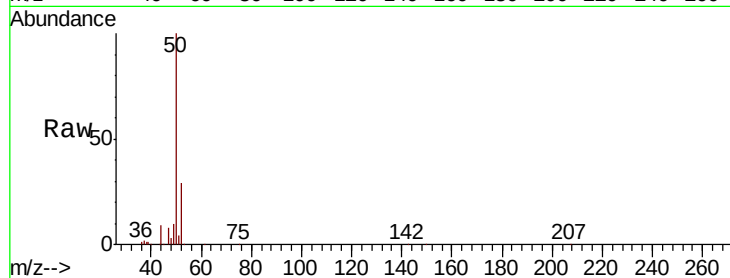
52 28.6 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.873 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000817.D

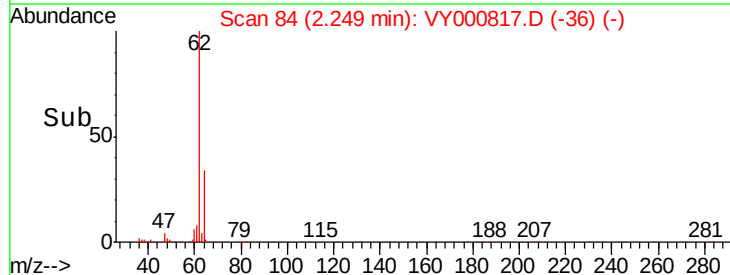
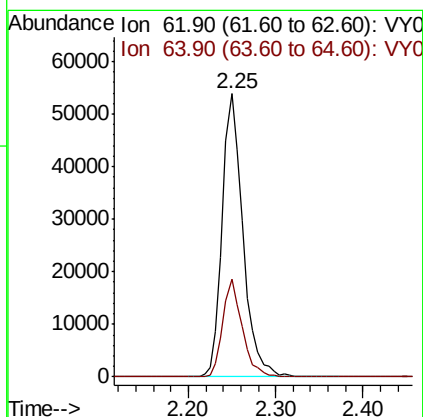
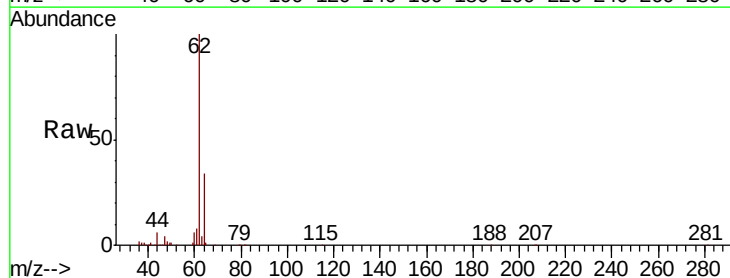
Acq: 27 Nov 2019 14:33

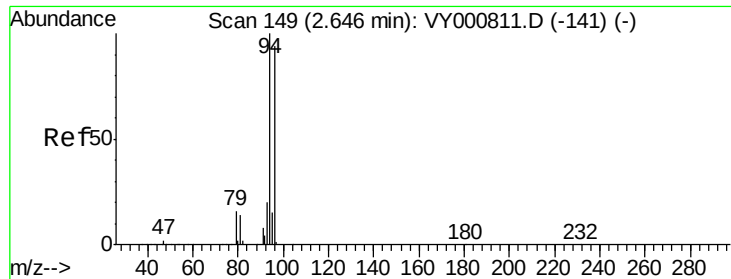
Tgt Ion: 62 Resp: 88461

Ion Ratio Lower Upper

62 100

64 34.5 25.1 37.7





#5

Bromomethane

Concen: 18.807 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion: 94 Resp: 54557

Ion Ratio Lower Upper

94 100

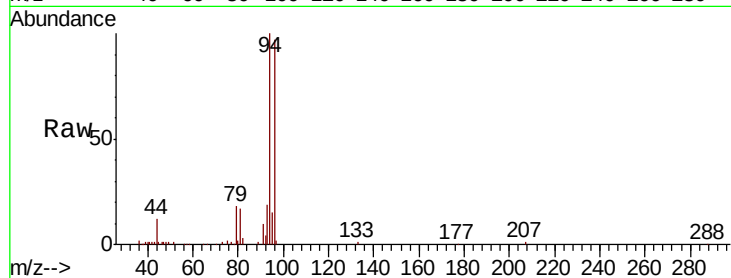
96 96.7 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

25000

20000

15000

10000

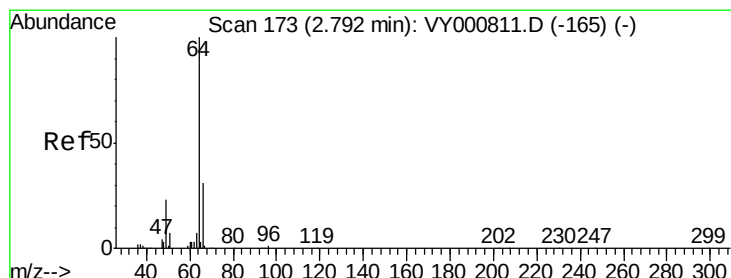
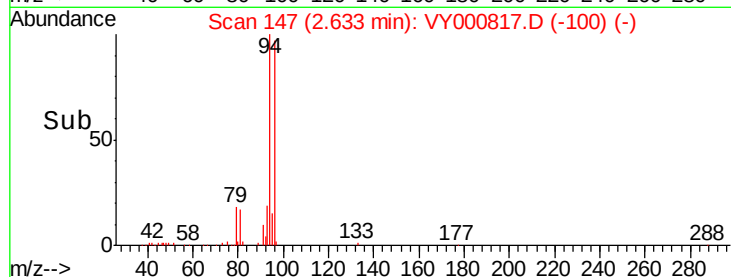
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0

Time-->

2.50 2.60 2.70 2.80

2.63



#6

Chloroethane

Concen: 19.411 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000817.D

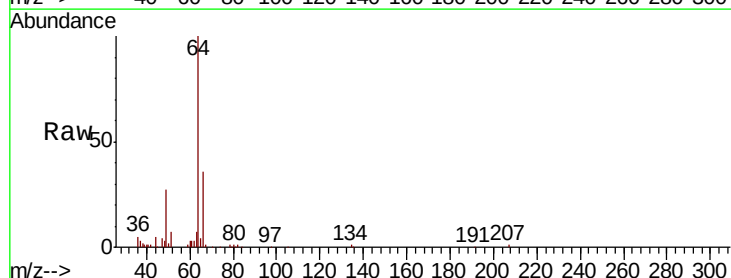
Acq: 27 Nov 2019 14:33

Tgt Ion: 64 Resp: 52977

Ion Ratio Lower Upper

64 100

66 36.0 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

25000

20000

15000

10000

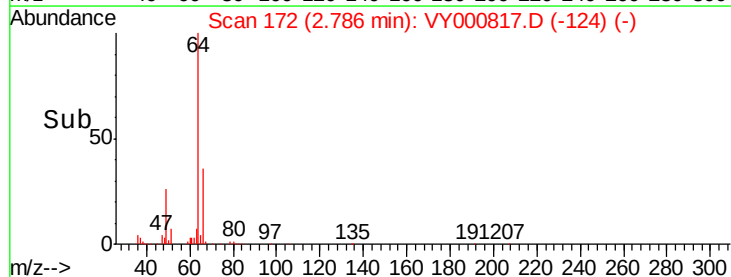
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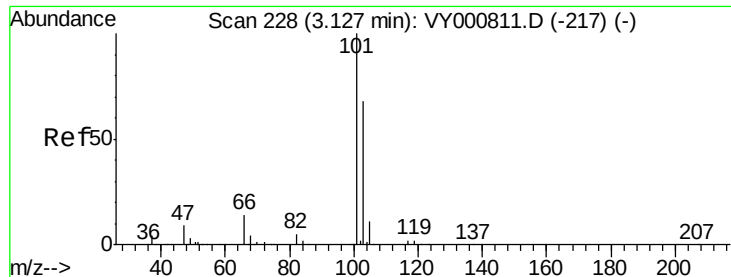
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Time-->

2.70 2.80 2.90

2.79





#7

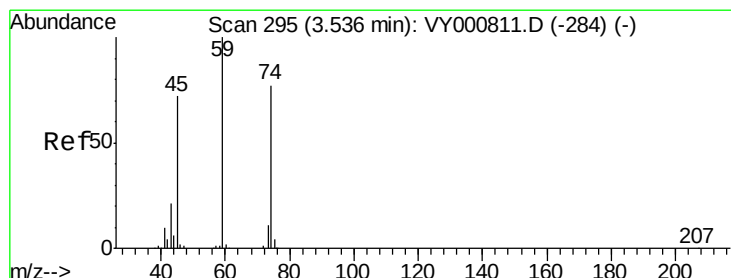
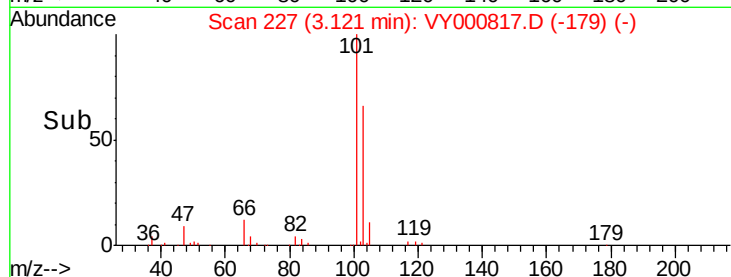
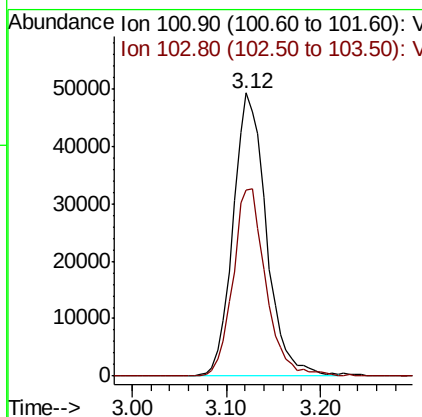
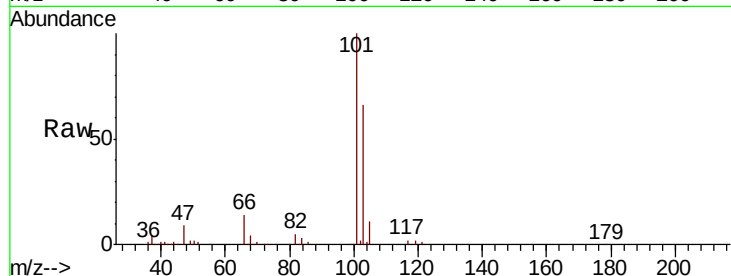
Trichlorofluoromethane
 Concen: 19.724 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Instrument :
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 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	120321		
103	65.9	54.2	81.2	

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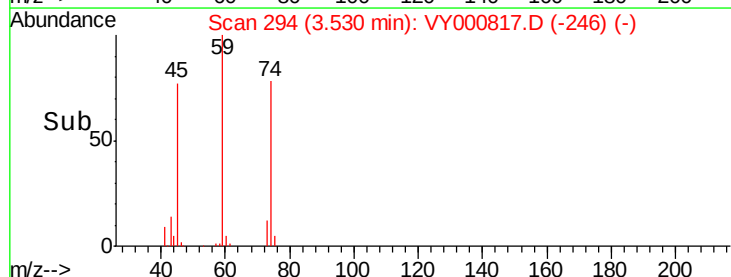
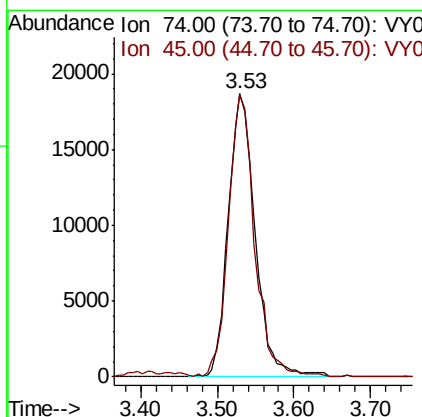
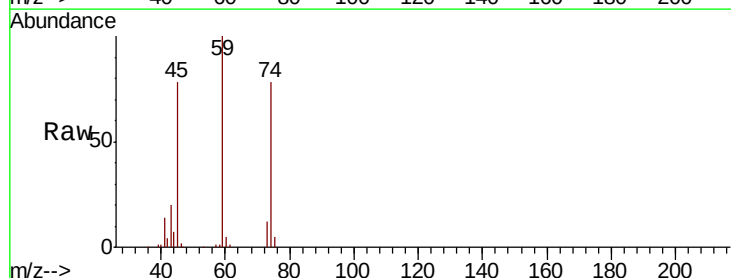
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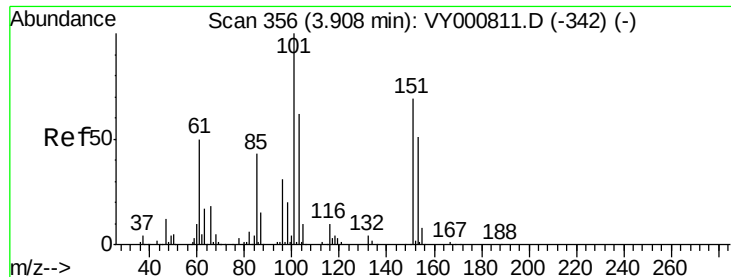


#8

Diethyl Ether
 Concen: 19.820 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	45506		
45	97.3	49.0	147.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.194 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

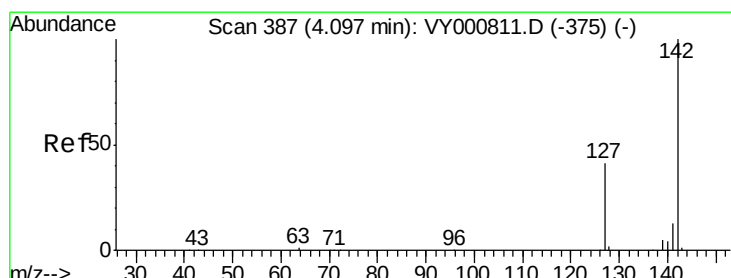
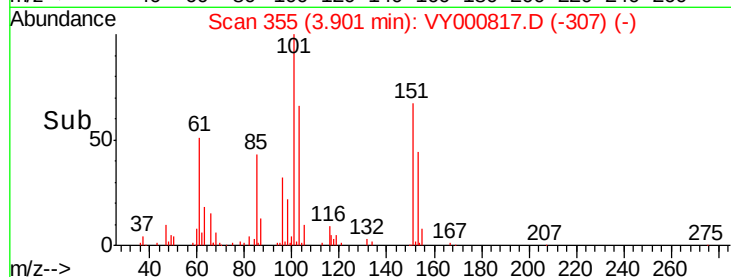
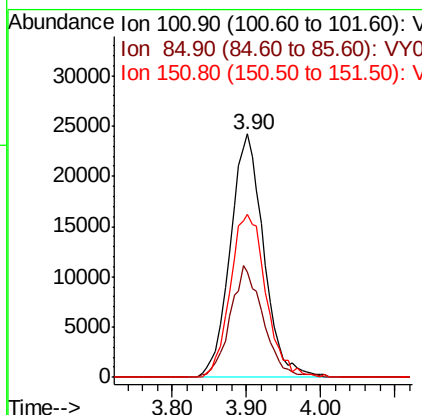
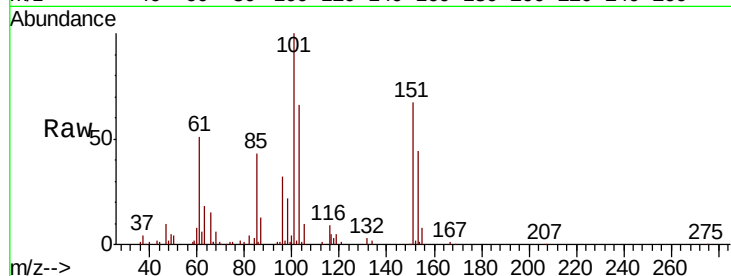
ClientSampleId :

VY1127SBS01

Tot Ion:	101	Resp:	76074
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	71.6	58.2	87.2

Manual Integrations
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#10

Methyl Iodide

Concen: 19.339 ug/l

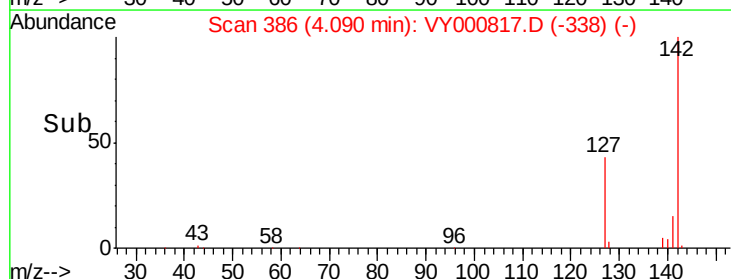
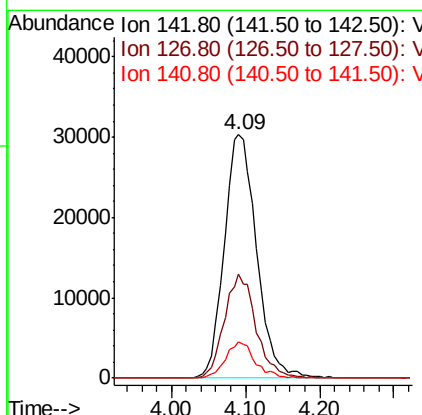
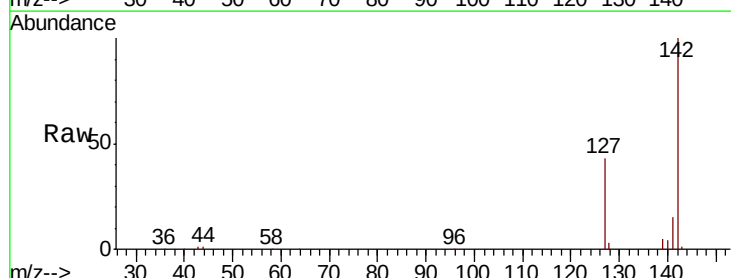
RT: 4.09 min Scan# 386

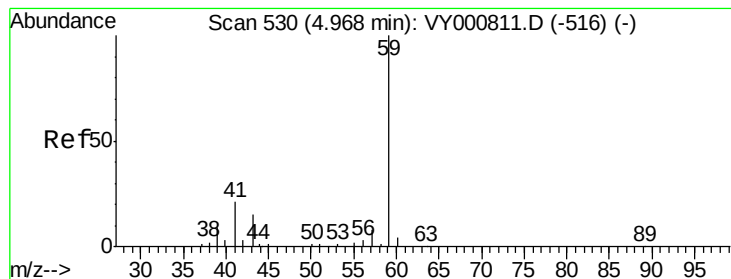
Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Tgt Ion:	142	Resp:	91724
Ion Ratio	Lower	Upper	
142	100		
127	41.4	33.8	50.8
141	13.7	10.9	16.3





#11

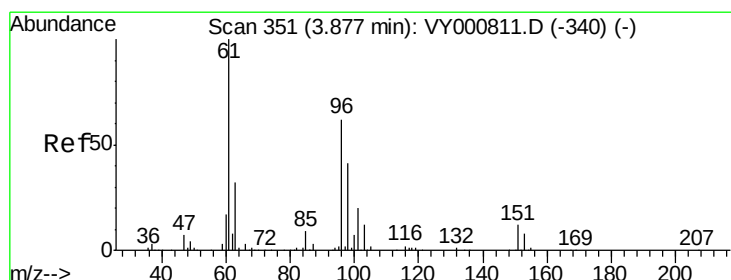
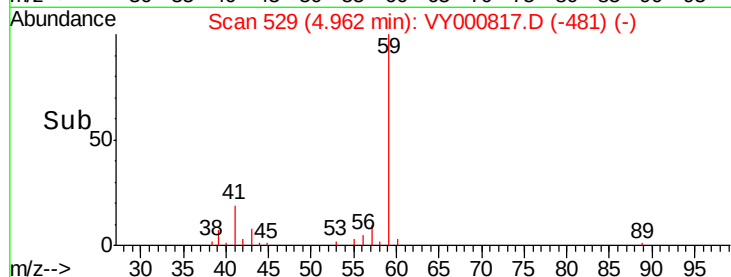
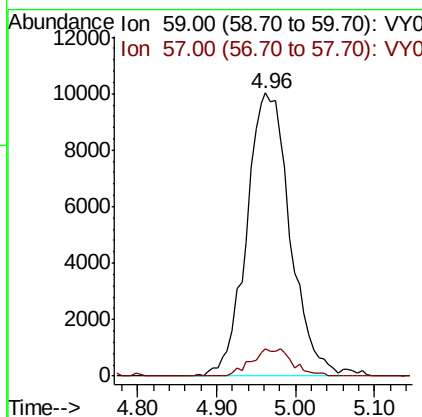
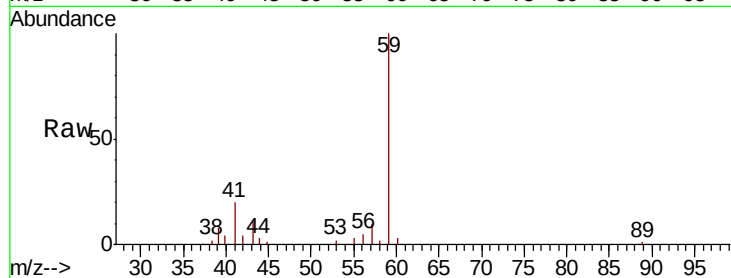
Tert butyl alcohol
Concen: 105.214 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	38285		
57	9.1		7.8	11.6

Manual Integrations
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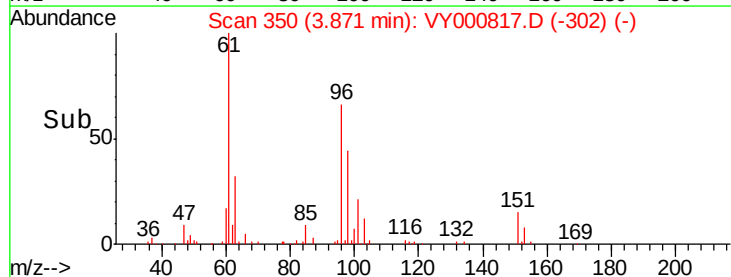
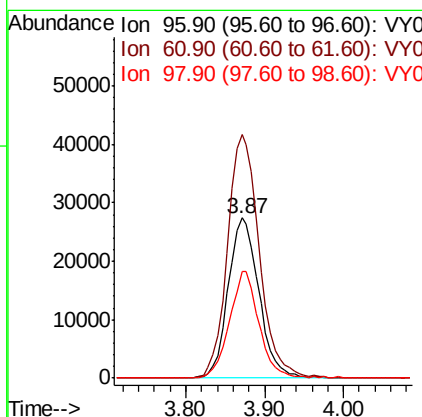
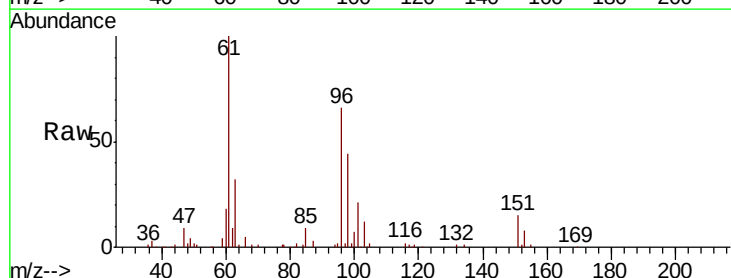
MMDadoda
12/2/2019 11:37:05 AM

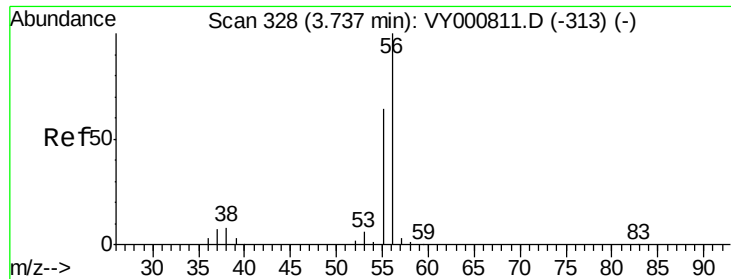


#12

1,1-Dichloroethene
Concen: 19.937 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	74408		
61	151.9		129.4	194.2
98	66.5		53.4	80.0





#13

Acrolein

Concen: 113.767 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

ClientSampled :

VY1127SBS01

Tot Ion: 56 Resp: 40779

Ion Ratio Lower Upper

56 100

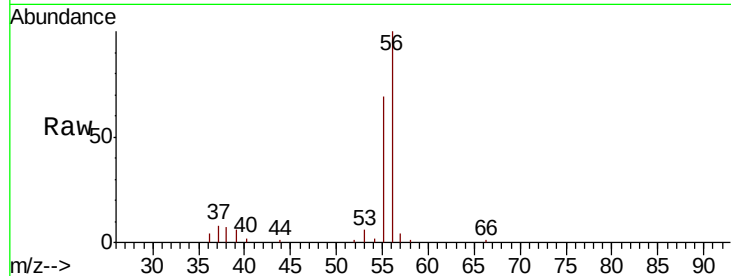
55 70.7 55.7 83.5

Manual Integrations

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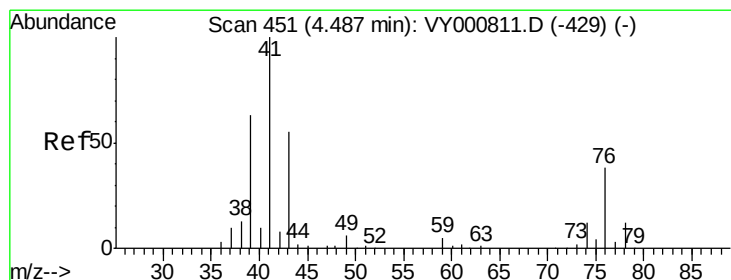
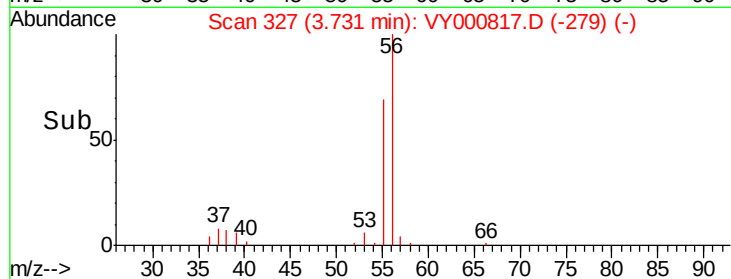
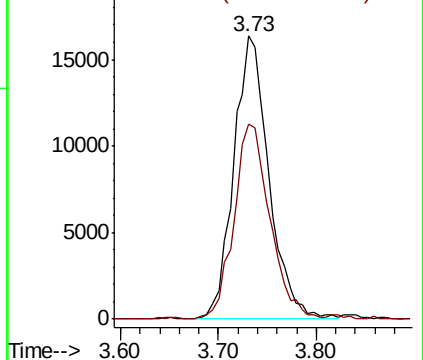
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 19.783 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

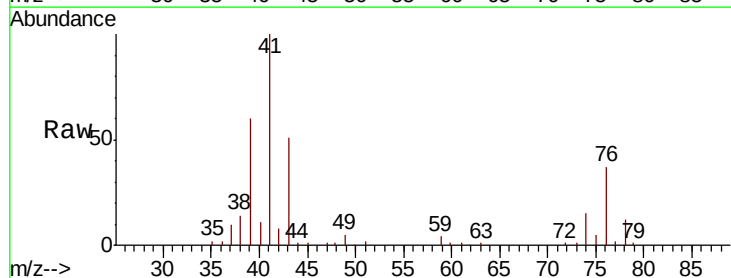
Tgt Ion: 41 Resp: 126593

Ion Ratio Lower Upper

41 100

39 59.3 49.2 73.8

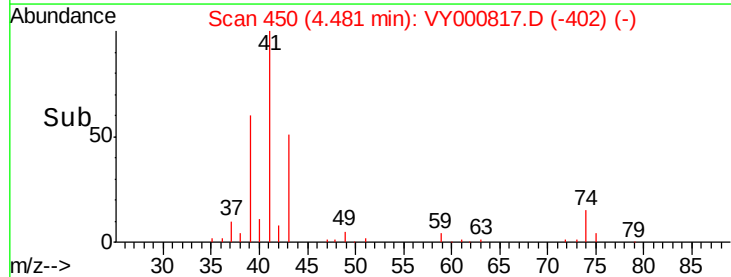
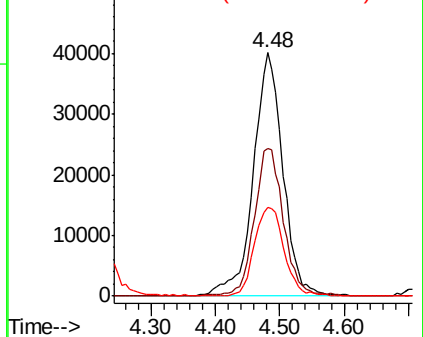
76 36.7 29.2 43.8

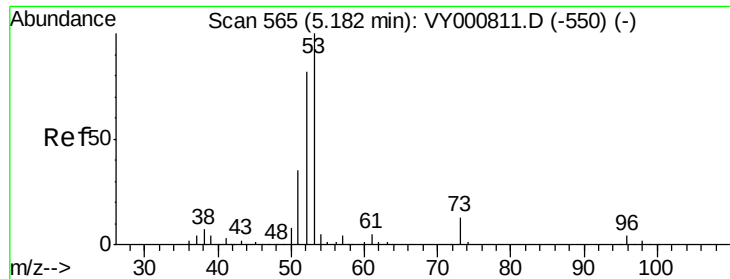


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 104.084 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

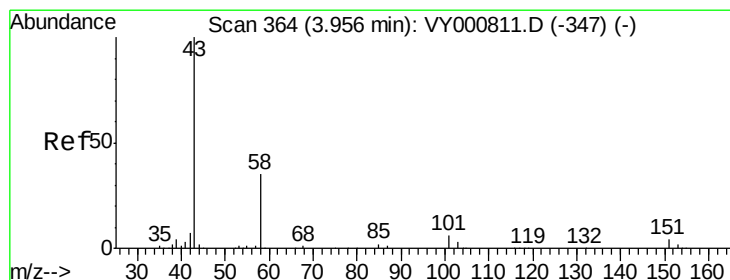
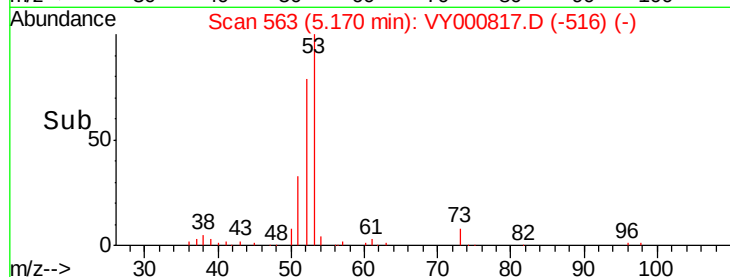
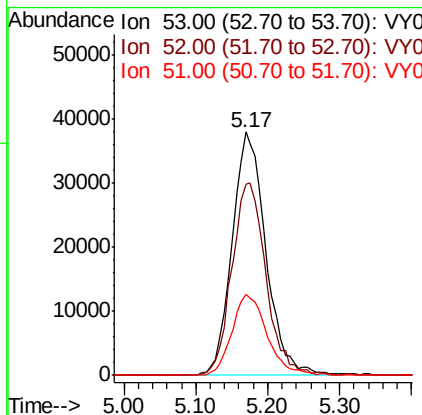
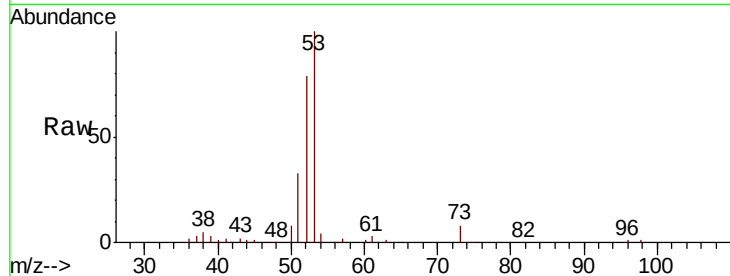
ClientSampleId :

VY1127SBS01

Tot Ion:	53	Resp:	123402
Ion Ratio	Lower	Upper	
53	100		
52	79.8	65.1	97.7
51	34.7	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 102.511 ug/l

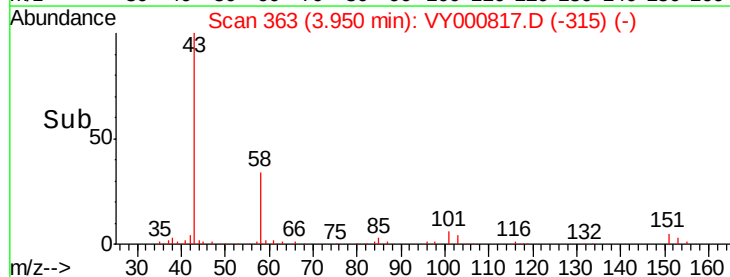
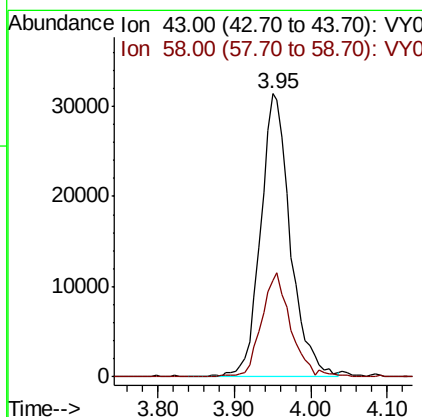
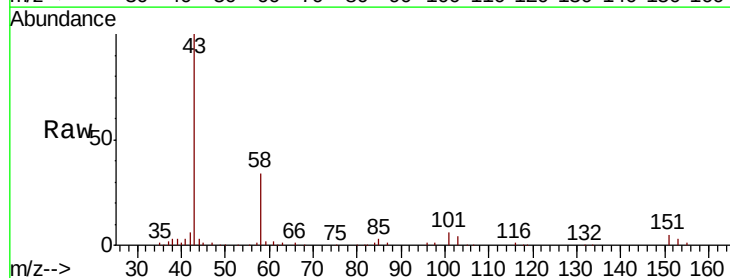
RT: 3.95 min Scan# 363

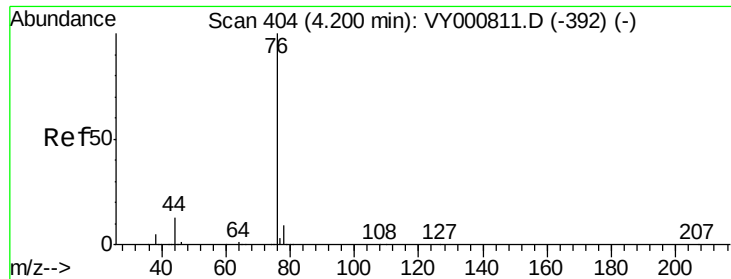
Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Tgt Ion:	43	Resp:	85052
Ion Ratio	Lower	Upper	
43	100		
58	34.3	28.0	42.0





#17

Carbon Disulfide

Concen: 20.336 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion: 76 Resp: 245459

Ion Ratio Lower Upper

76 100

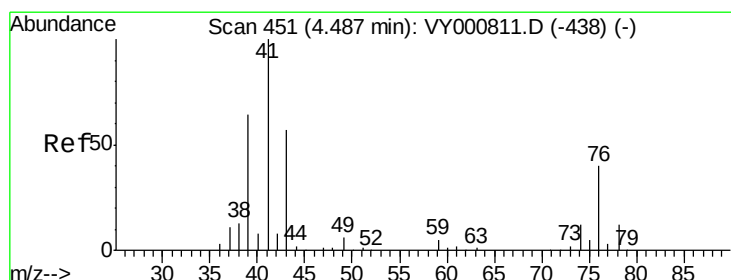
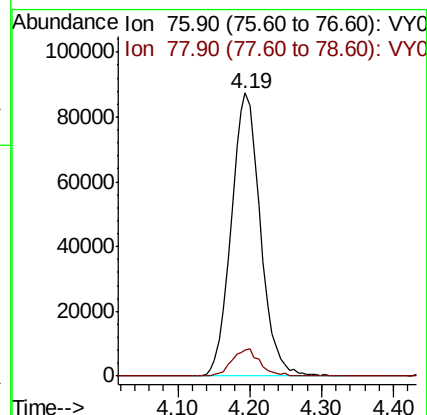
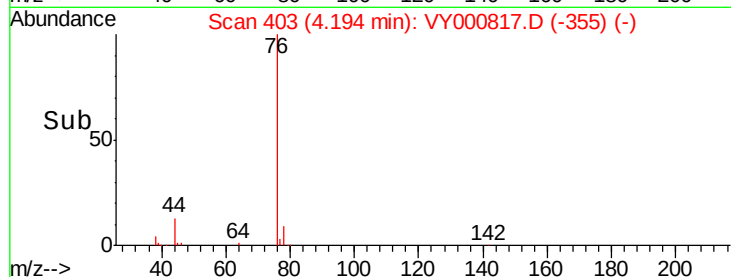
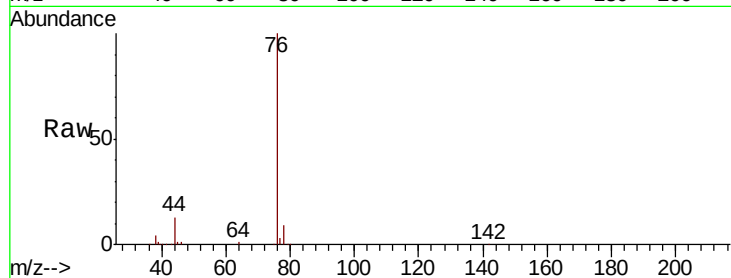
78 9.4 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 18.787 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000817.D

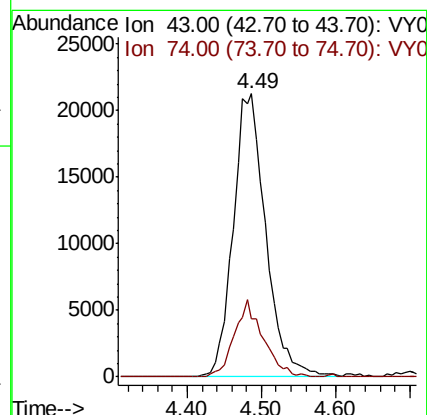
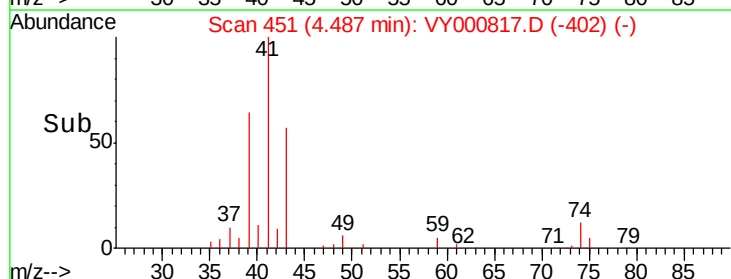
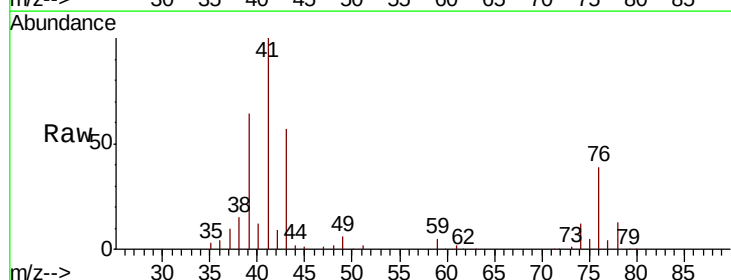
Acq: 27 Nov 2019 14:33

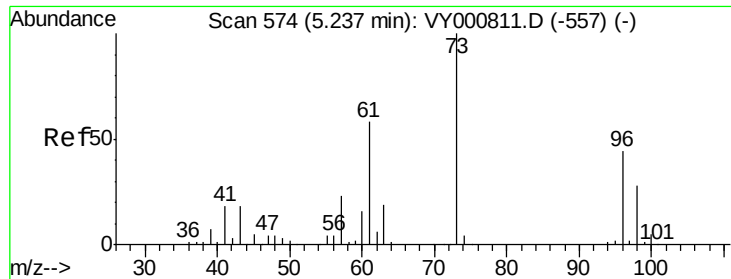
Tgt Ion: 43 Resp: 65175

Ion Ratio Lower Upper

43 100

74 24.1 18.5 27.7





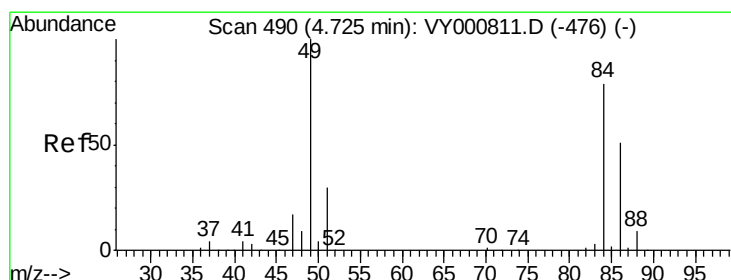
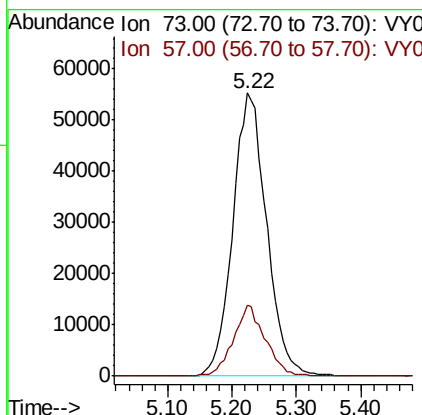
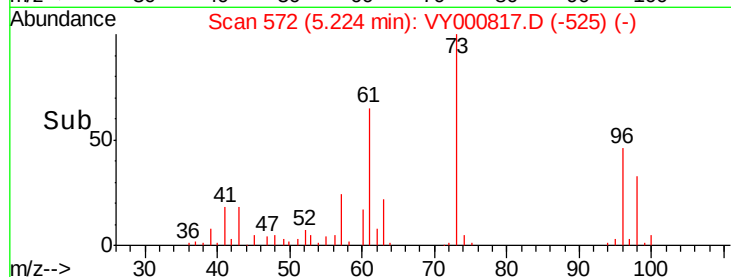
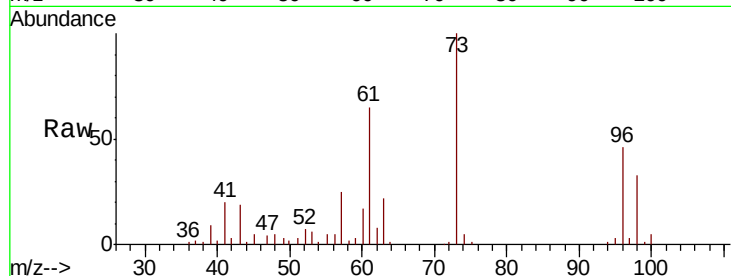
#19
Methyl tert-butyl Ether
Concen: 20.150 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion: 73 Resp: 200837
Ion Ratio Lower Upper
73 100
57 25.2 18.2 27.4

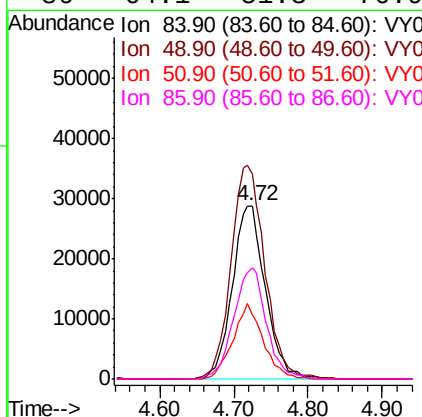
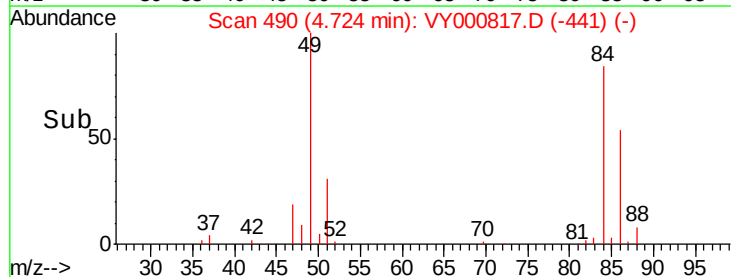
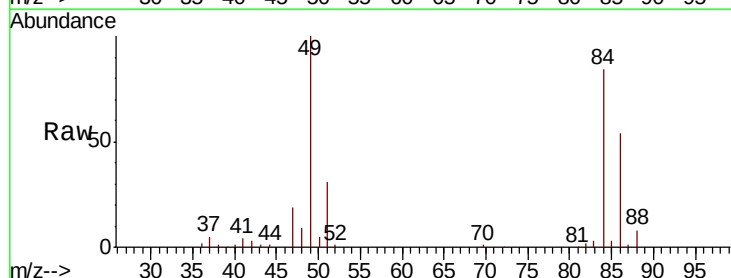
Manual Integrations
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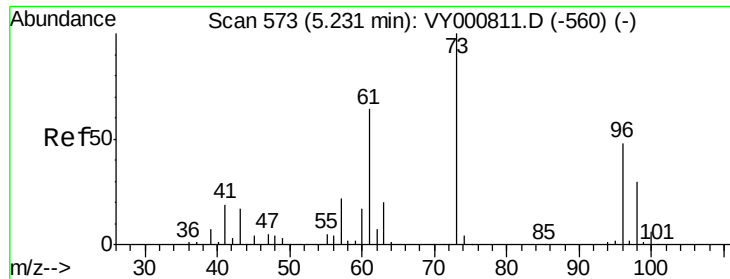
MMDadoda
12/2/2019 11:37:05 AM



#20
Methylene Chloride
Concen: 20.470 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tgt Ion: 84 Resp: 89525
Ion Ratio Lower Upper
84 100
49 118.6 101.3 151.9
51 37.3 30.6 45.8
86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.700 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion: 96 Resp: 83564

Ion Ratio Lower Upper

96 100

61 123.3 105.9 158.9

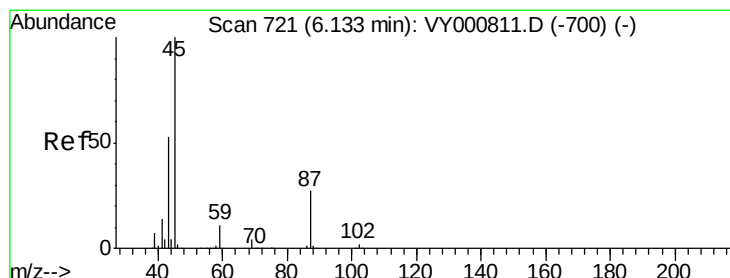
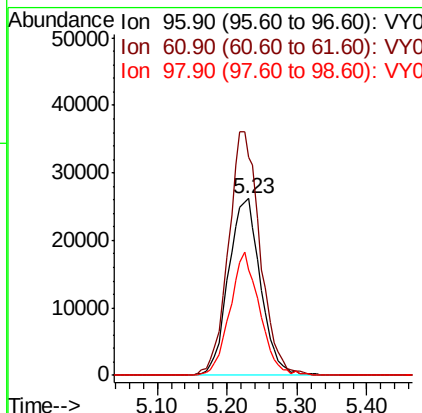
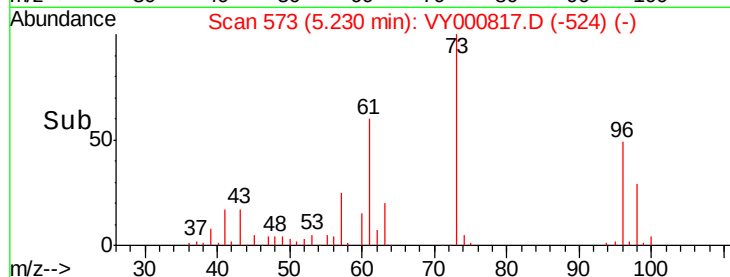
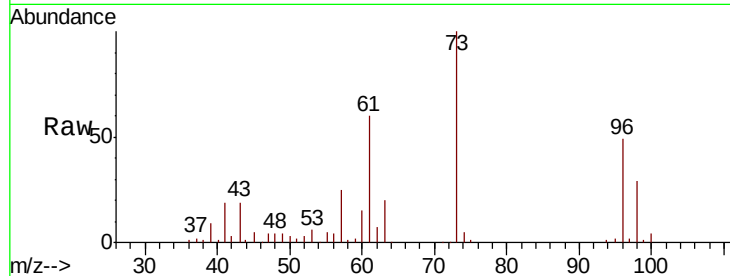
98 59.5 49.4 74.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.885 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Tgt Ion: 45 Resp: 261529

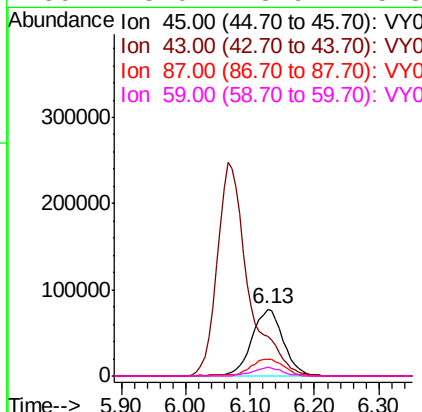
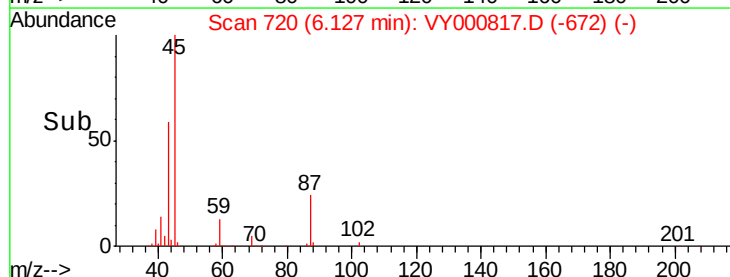
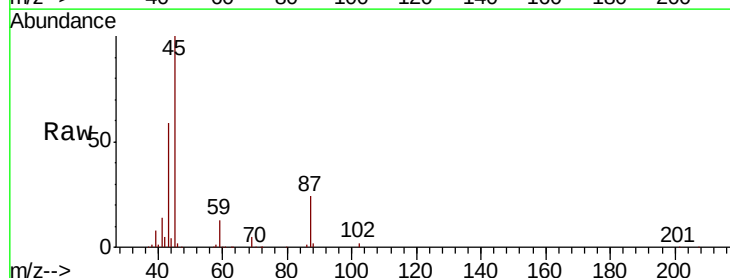
Ion Ratio Lower Upper

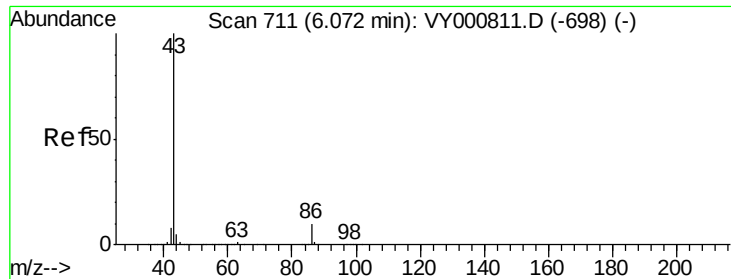
45 100

43 58.9 42.7 64.1

87 23.8 22.0 33.0

59 13.0 8.9 13.3





#23

Vinyl Acetate

Concen: 104.721 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion: 43 Resp: 837325

Ion Ratio Lower Upper

43 100

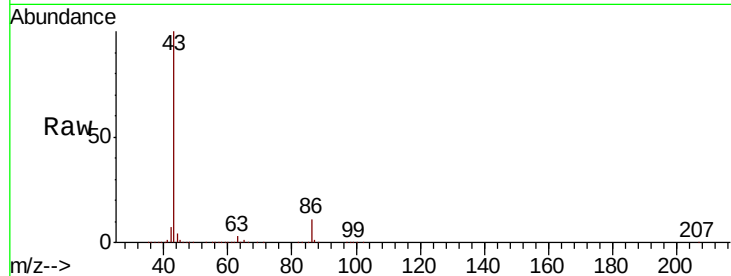
86 10.6 8.3 12.5

Manual Integrations

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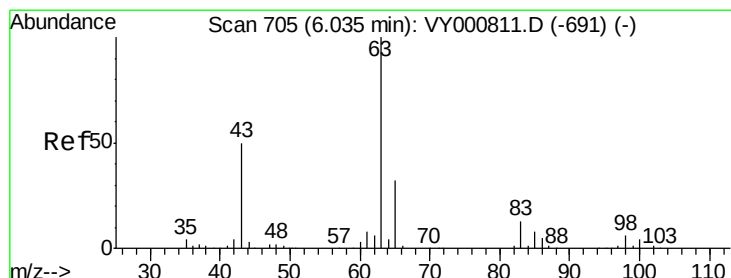
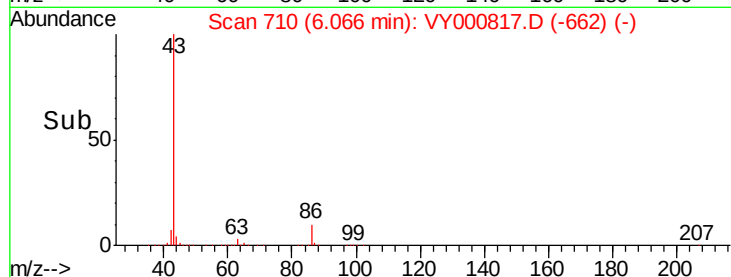
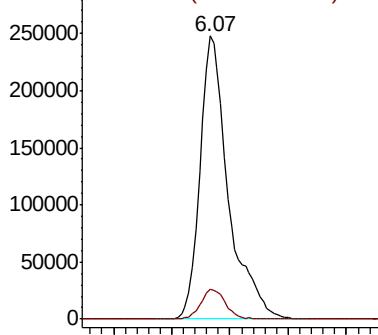
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.629 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

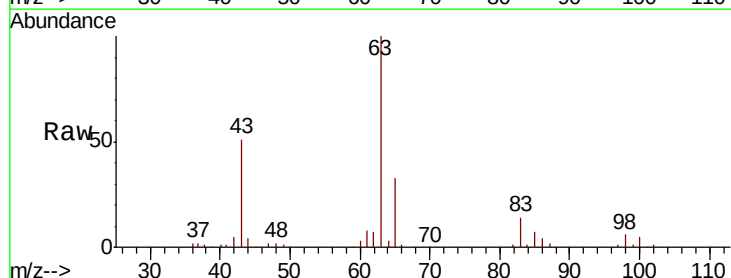
Tgt Ion: 63 Resp: 142290

Ion Ratio Lower Upper

63 100

98 5.7 3.3 9.8

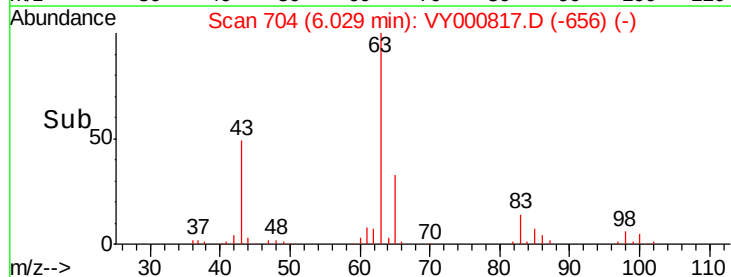
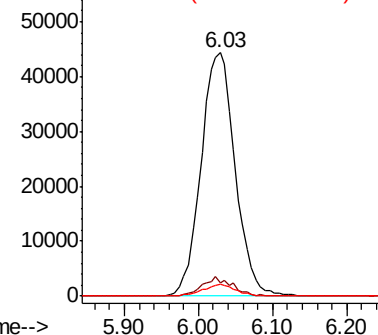
100 5.1 2.2 6.6

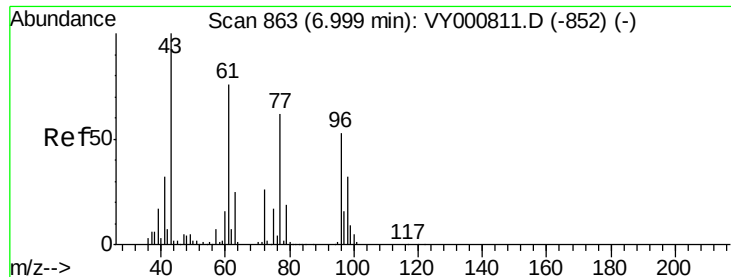


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 103.278 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion: 43 Resp: 158289

Ion Ratio Lower Upper

43 100

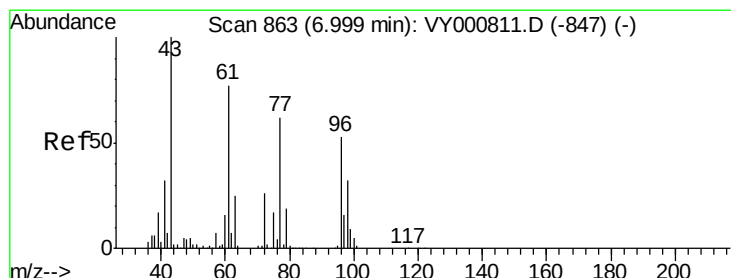
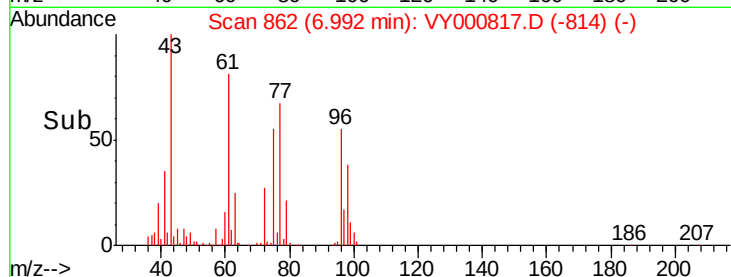
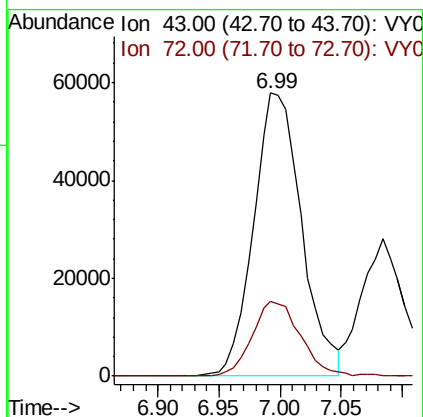
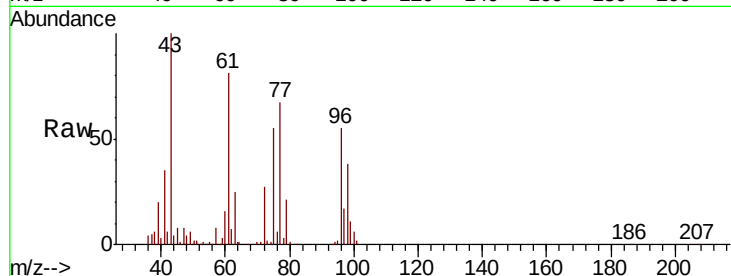
72 26.5 21.0 31.4

Manual Integrations

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12/2/2019 11:37:05 AM



#26

2,2-Dichloropropane

Concen: 19.599 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000817.D

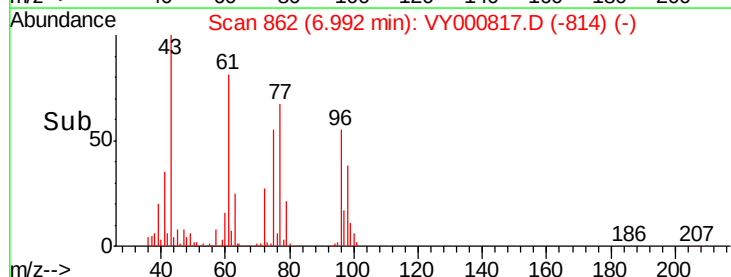
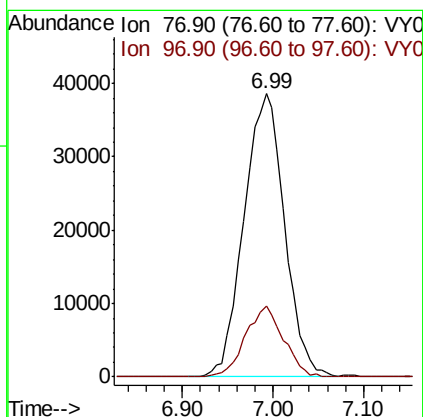
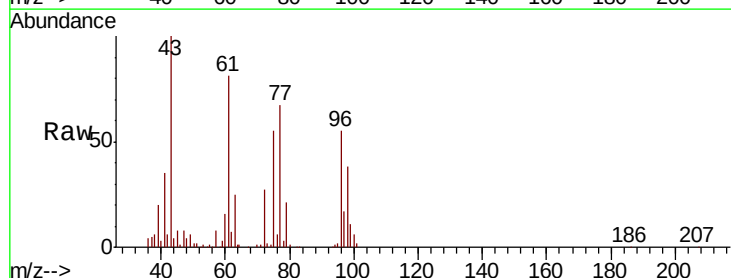
Acq: 27 Nov 2019 14:33

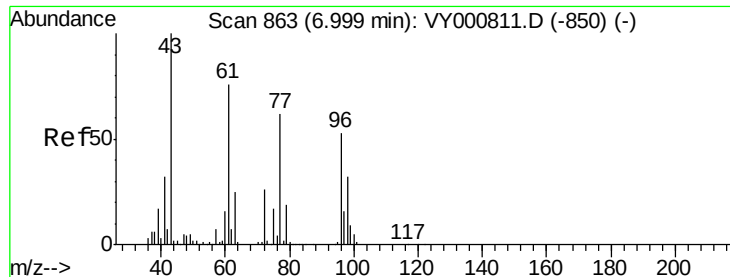
Tgt Ion: 77 Resp: 119576

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.9





#27

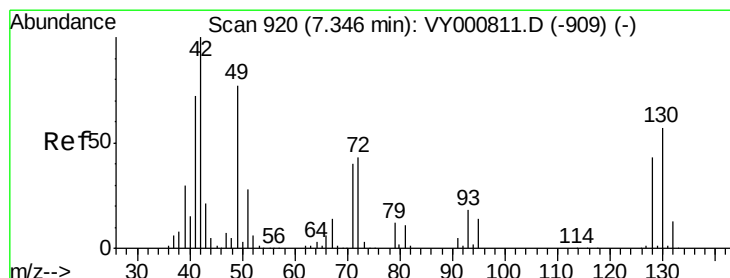
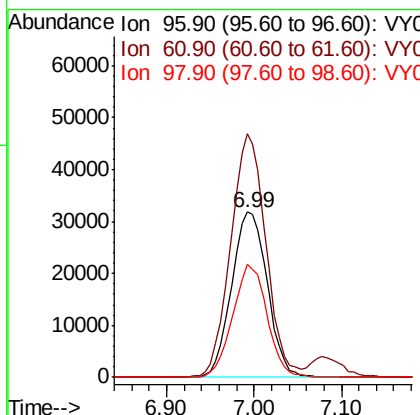
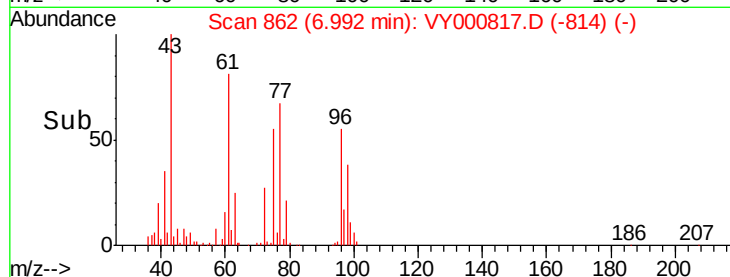
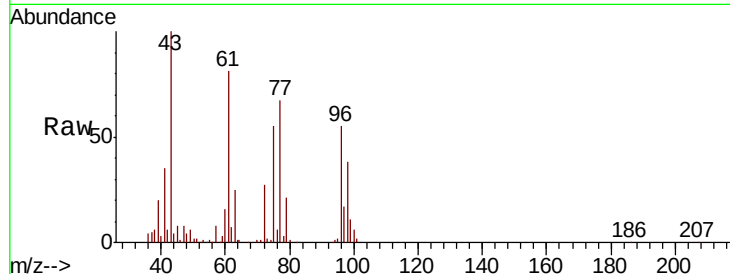
cis-1,2-Dichloroethene
 Concen: 19.696 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.1	0.0	285.0	
98	65.6	0.0	128.0	

Manual Integrations
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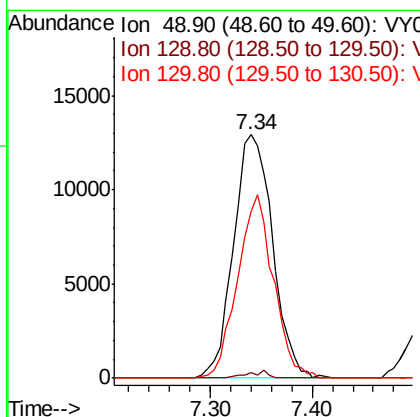
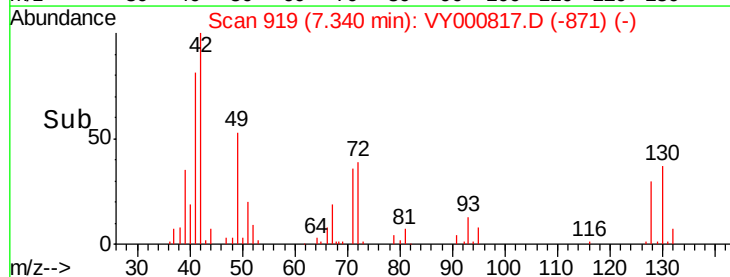
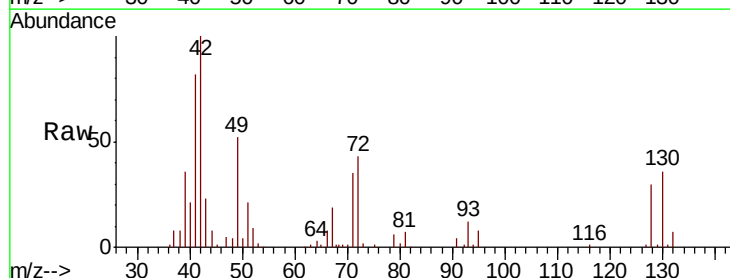
MMDadoda
 12/2/2019 11:37:05 AM

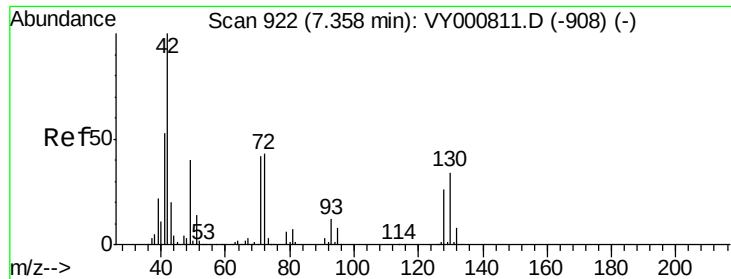


#28

Bromochloromethane
 Concen: 14.431 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.9	0.0	3.8	
130	69.0	58.7	88.1	





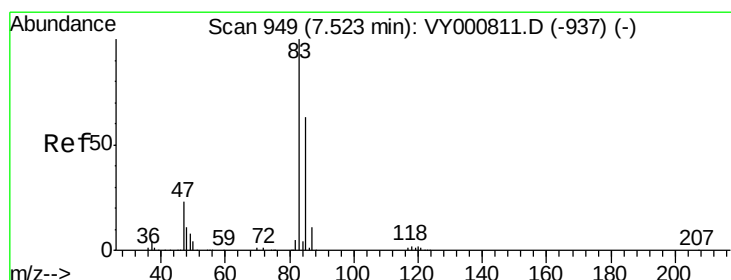
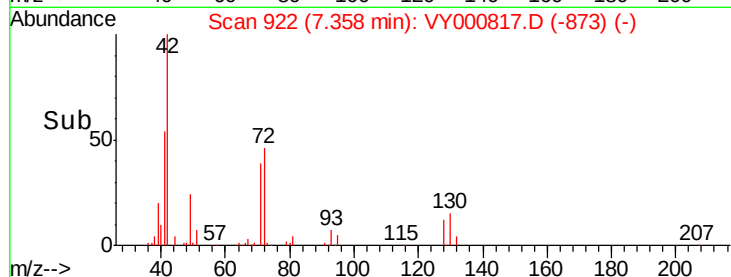
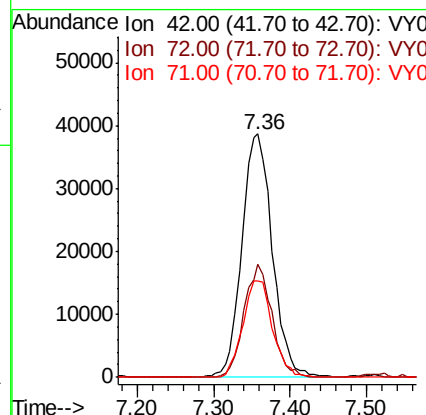
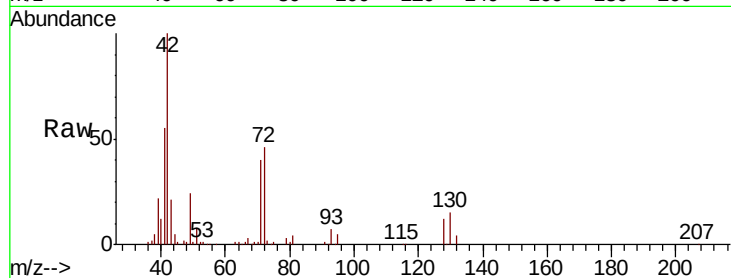
#29
Tetrahydrofuran
Concen: 105.164 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	35.1	52.7
71	39.0	32.8	49.2

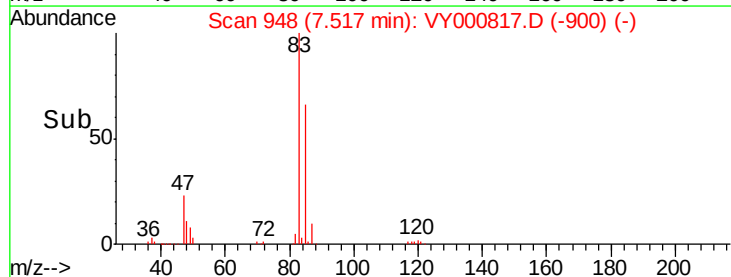
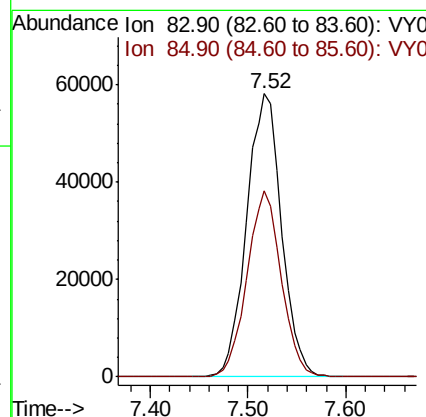
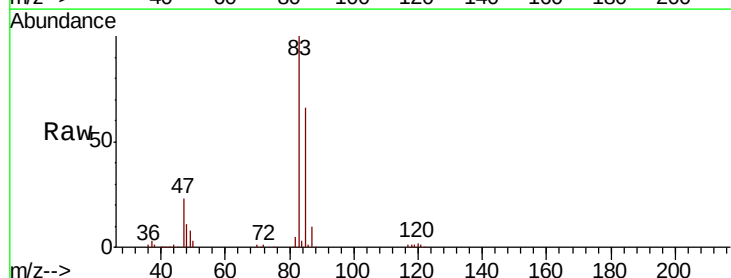
Manual Integrations
APPROVED

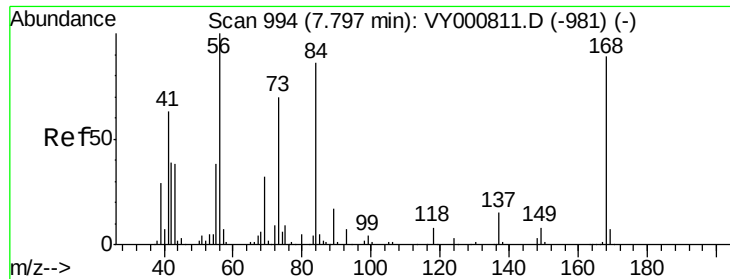
MMDadoda
12/2/2019 11:37:05 AM



#30
Chloroform
Concen: 19.704 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.4	75.6





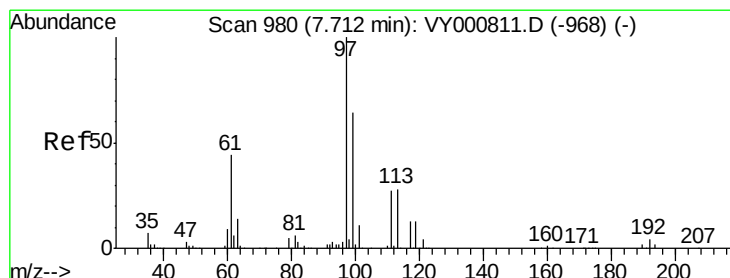
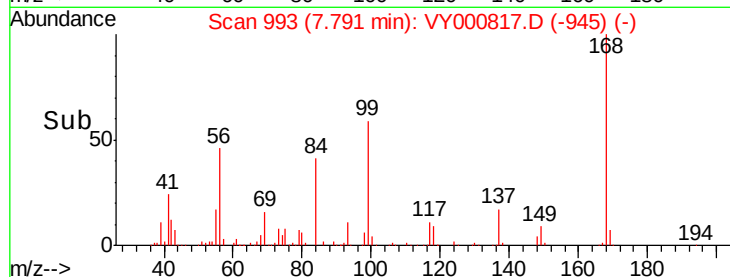
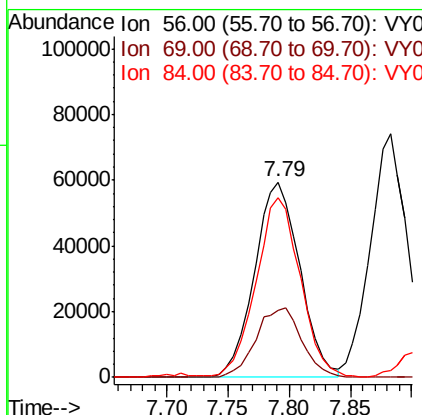
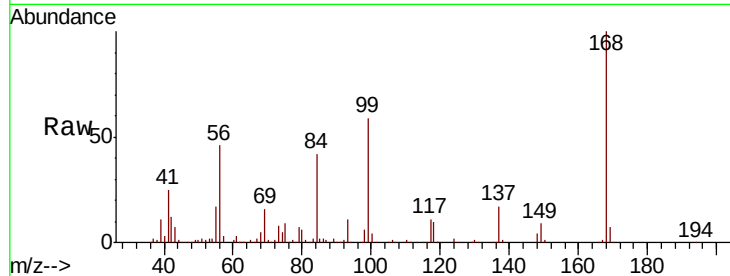
#31
Cyclohexane
Concen: 19.899 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.5	25.9	38.9
84	91.1	68.6	102.8

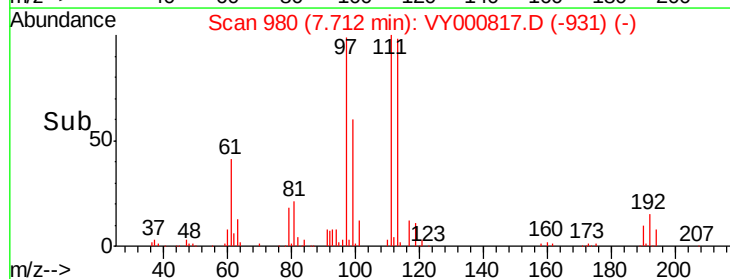
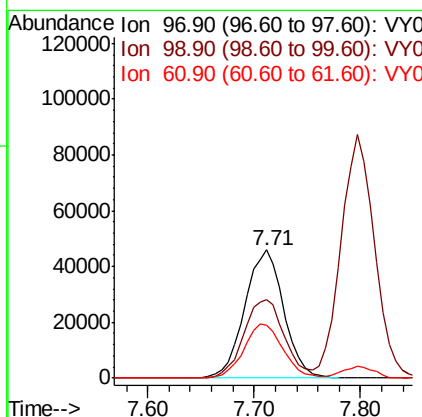
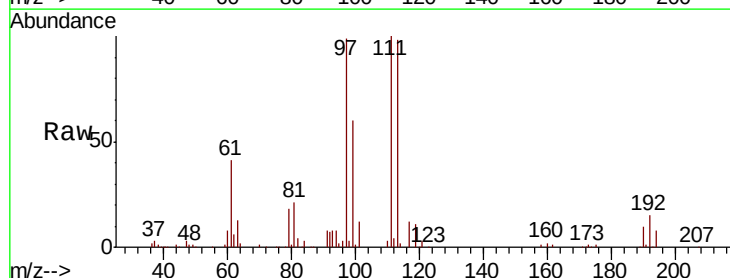
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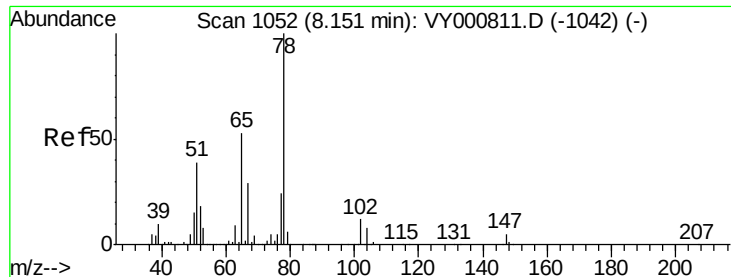
MMDadoda
12/2/2019 11:37:05 AM



#32
1,1,1-Trichloroethane
Concen: 19.577 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	42.4	35.0	52.6





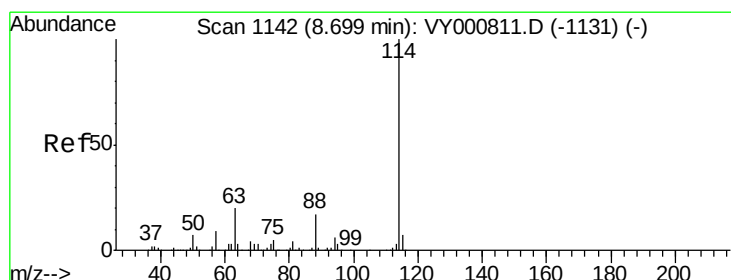
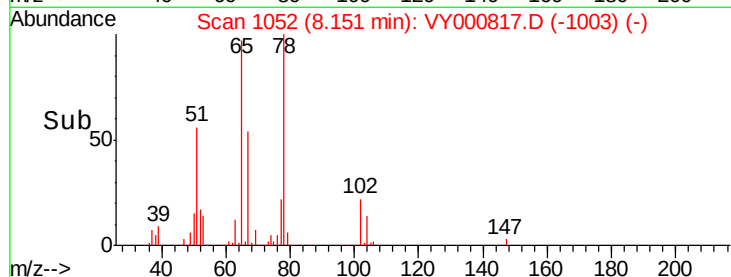
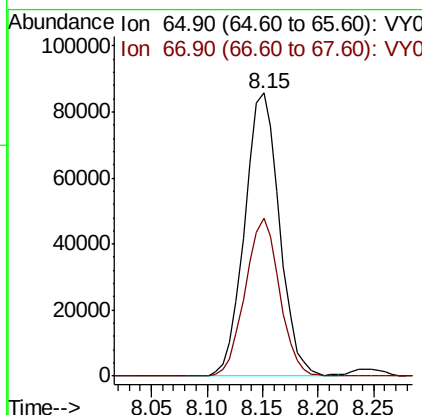
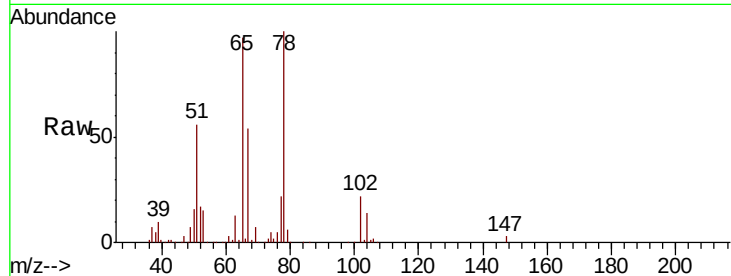
#33
 1,2-Dichloroethane-d4
 Concen: 51.642 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	186780		
67	54.8	0.0	112.0	

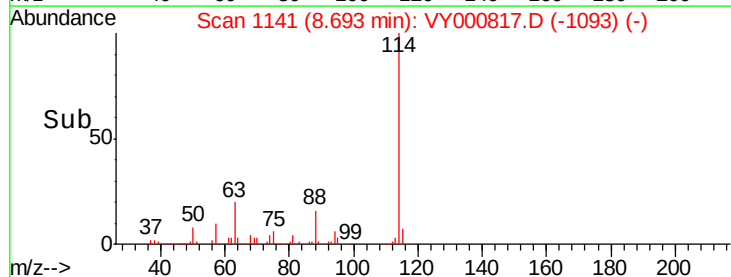
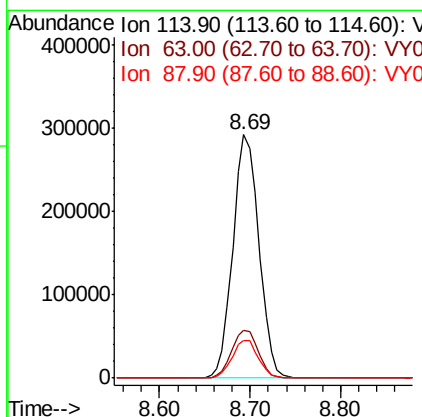
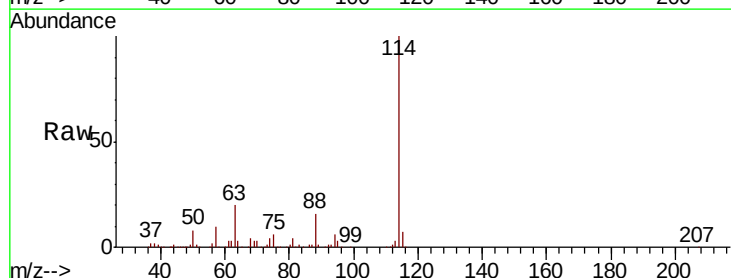
Manual Integrations
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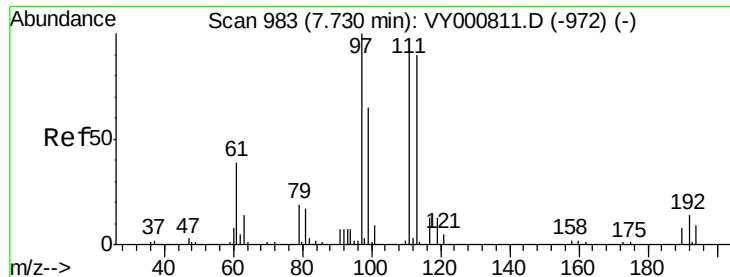
MMDadoda
 12/2/2019 11:37:05 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	582198		
63	19.8	0.0	39.8	
88	15.6	0.0	33.2	





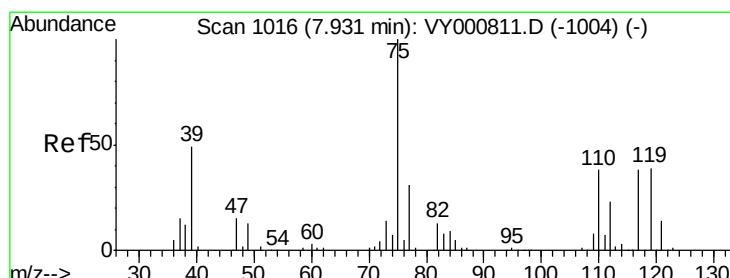
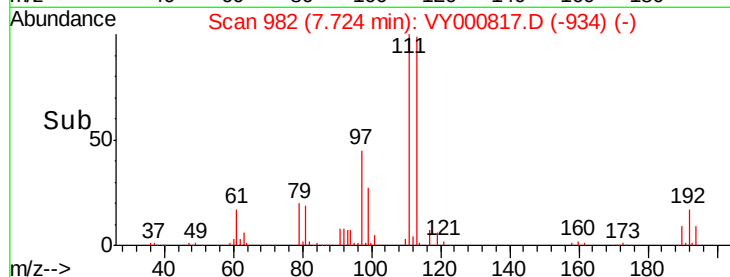
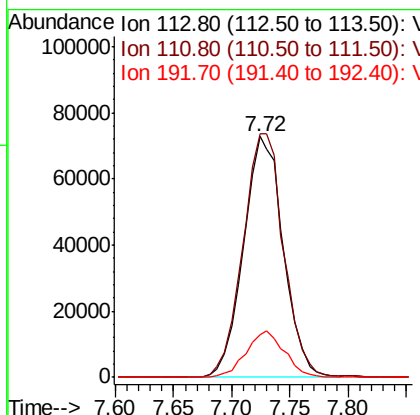
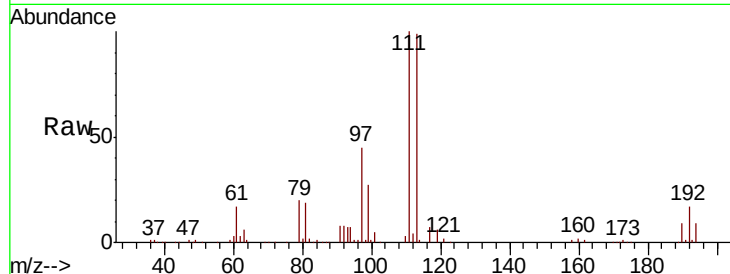
#35
 Dibromofluoromethane
 Concen: 51.005 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	173064		
111	103.6	82.4	123.6	
192	18.4	14.2	21.2	

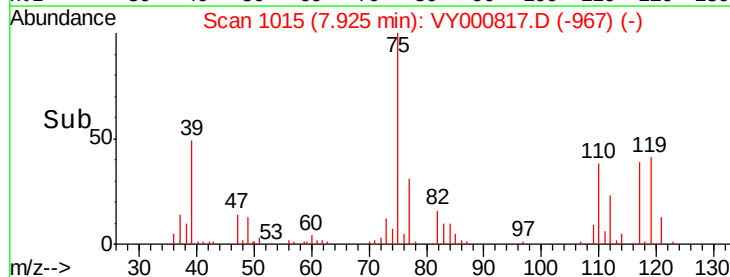
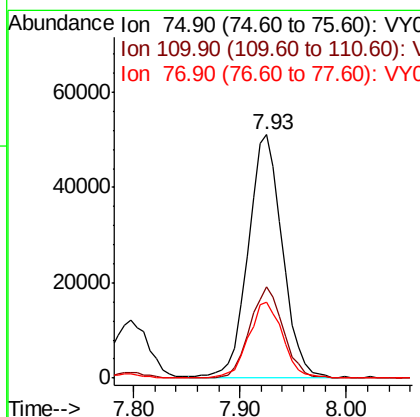
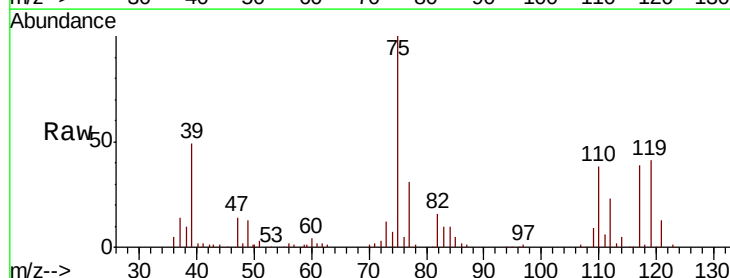
Manual Integrations
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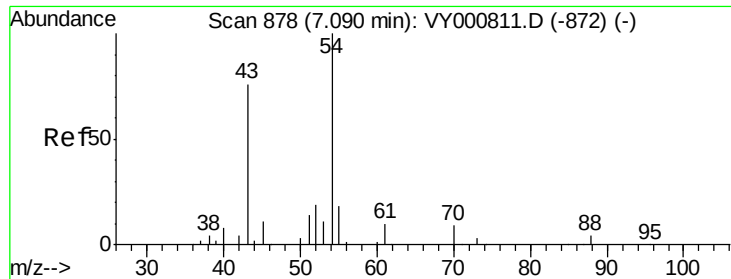
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#36
 1,1-Dichloropropene
 Concen: 19.732 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	114225		
110	37.0	17.9	53.7	
77	31.7	24.7	37.1	





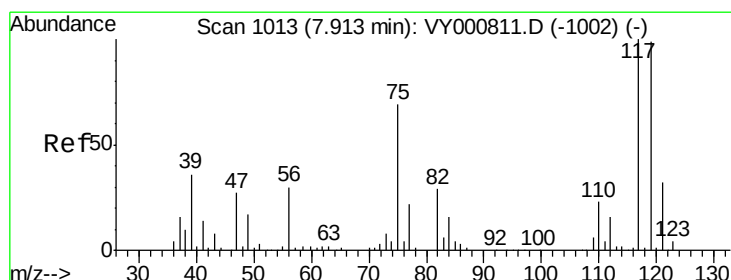
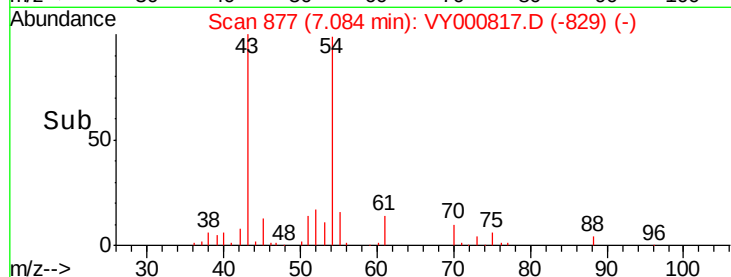
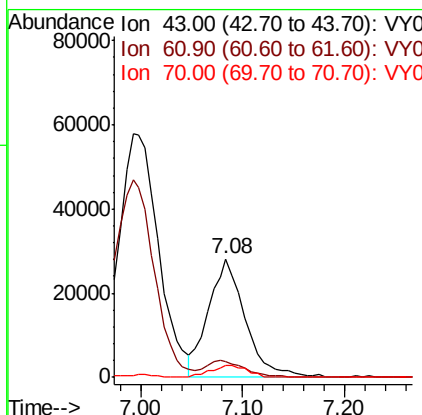
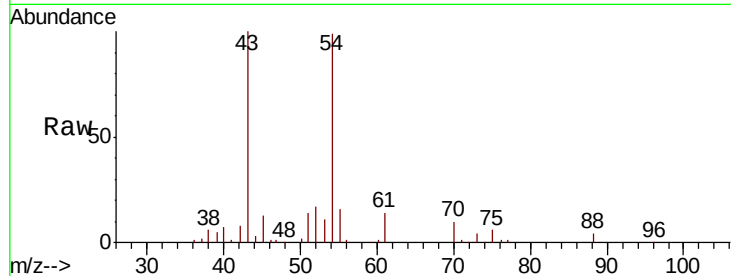
#37
Ethyl Acetate
Concen: 21.040 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	43	Resp	70326
Ion Ratio	100	Lower	Upper
43	100		
61	15.0	11.8	17.8
70	10.2	8.7	13.1

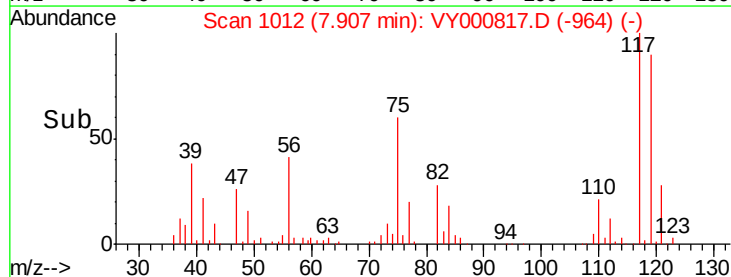
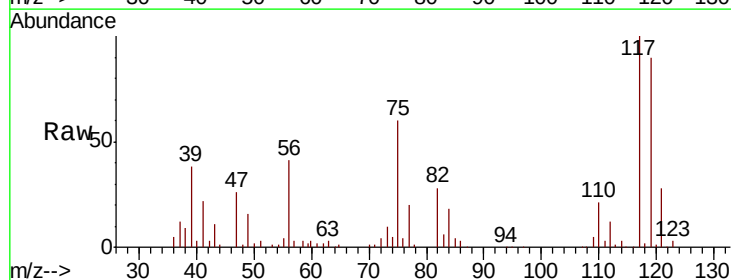
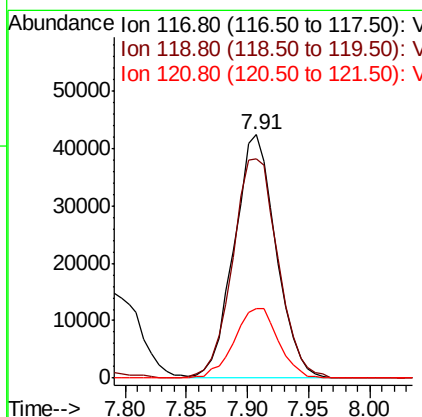
Manual Integrations
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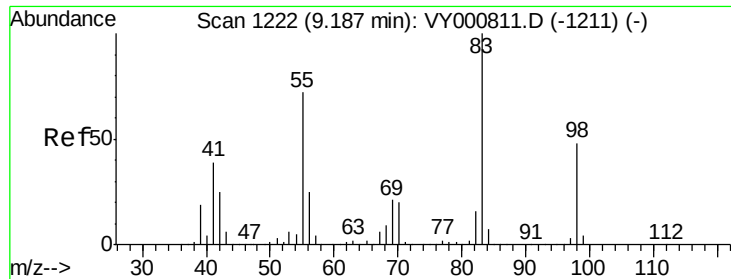
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#38
Carbon Tetrachloride
Concen: 19.582 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tgt Ion	117	Resp	100952
Ion Ratio	100	Lower	Upper
117	100		
119	89.6	79.3	118.9
121	28.3	25.5	38.3





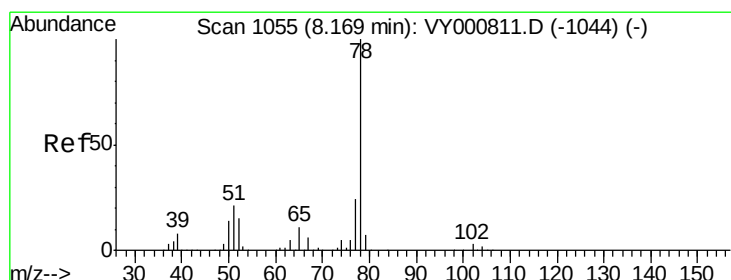
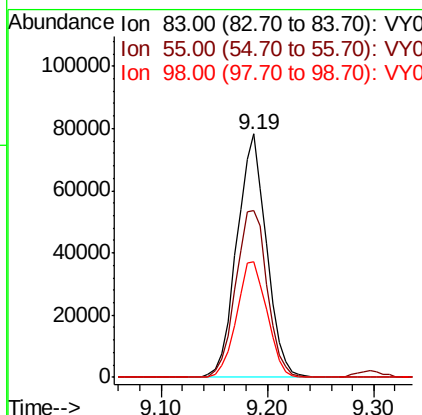
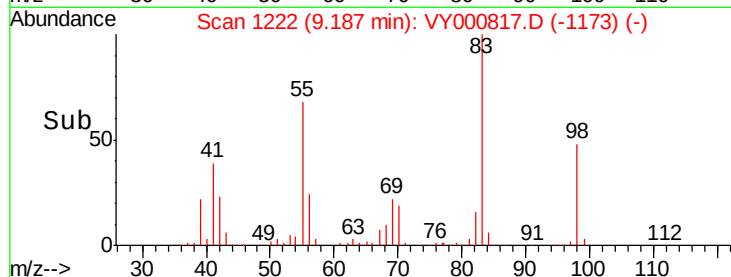
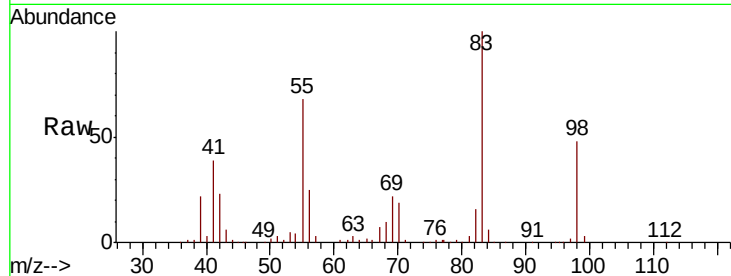
#39
Methylvlcyclohexane
Concen: 19.896 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.3	57.8	86.6
98	47.5	38.6	58.0

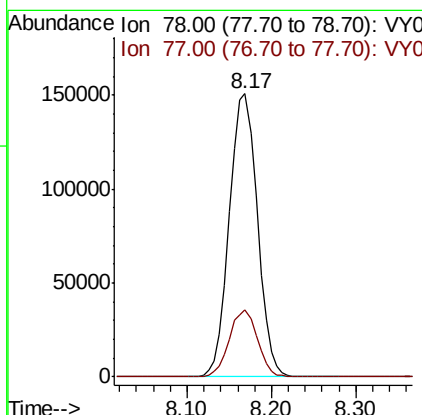
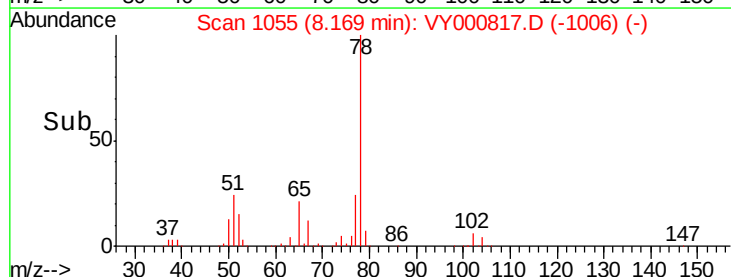
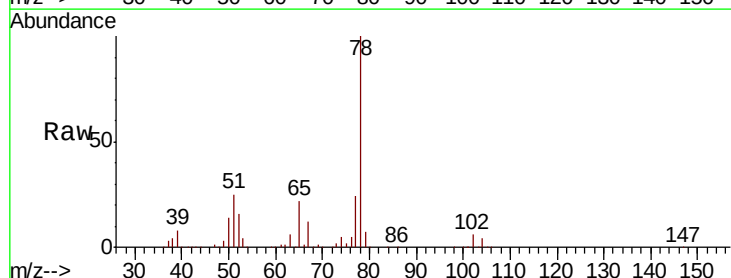
Manual Integrations
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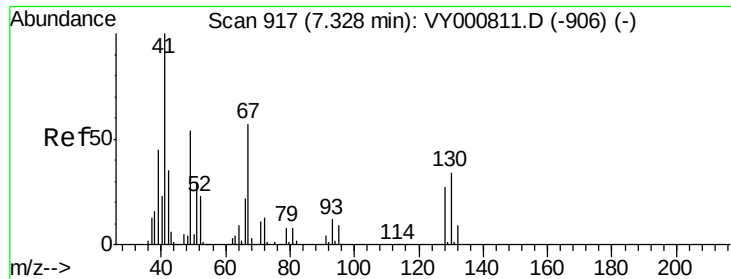
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12/2/2019 11:37:05 AM



#40
Benzene
Concen: 20.117 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





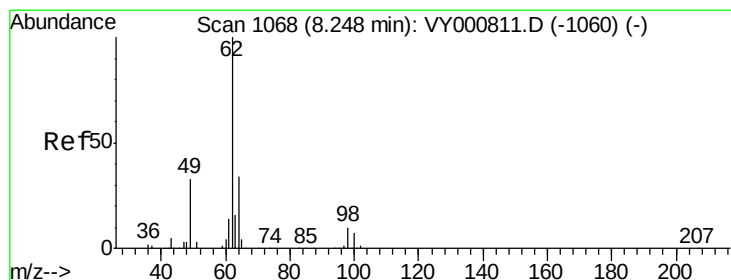
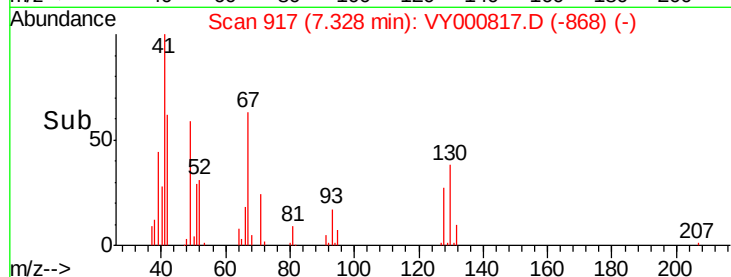
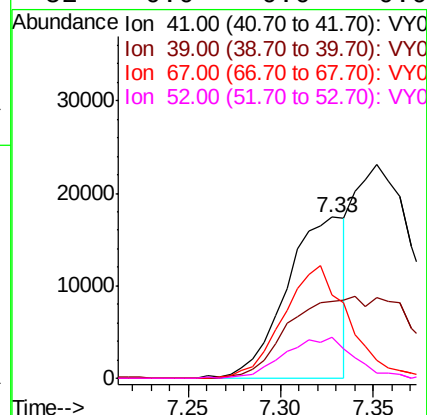
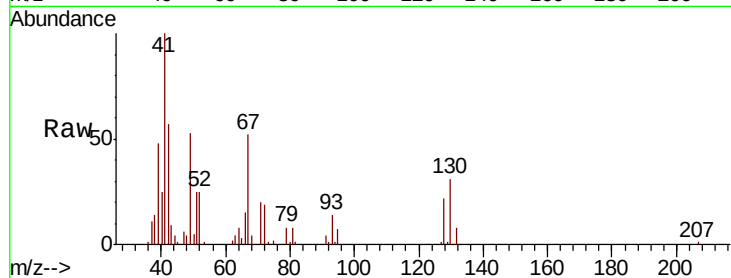
#41
Methacrylonitrile
Concen: 21.924 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	41	Resp	38623
Ion Ratio	Lower	Upper	
41	100		
39	65.3	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

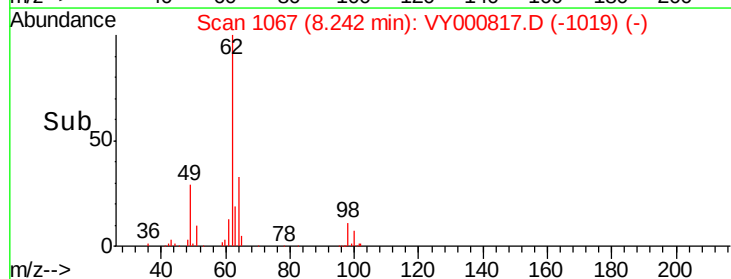
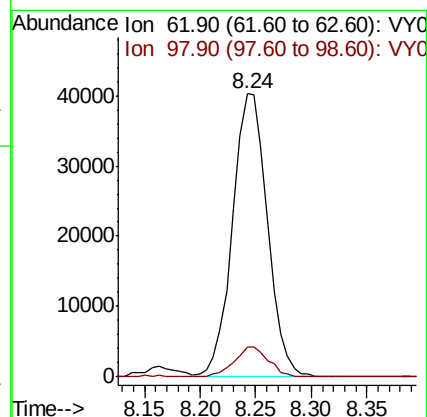
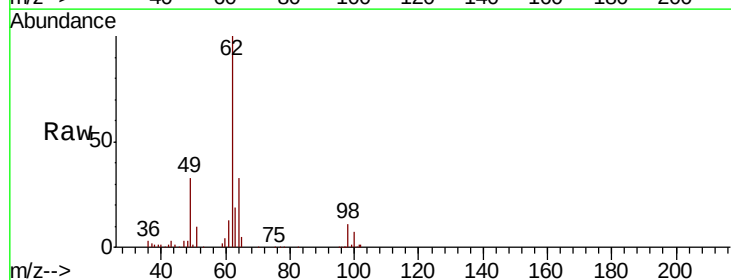
Manual Integrations
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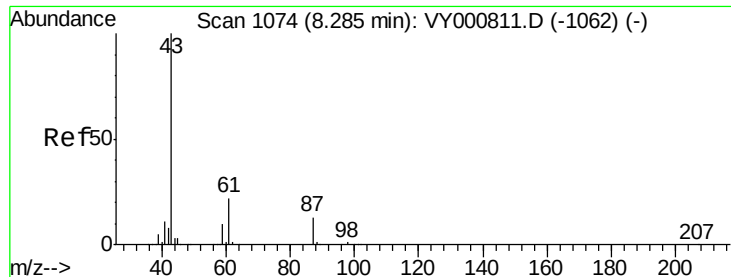
MMDadoda
12/2/2019 11:37:05 AM



#42
1,2-Dichloroethane
Concen: 19.755 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tgt Ion	62	Resp	87605
Ion Ratio	Lower	Upper	
62	100		
98	10.4	0.0	21.4





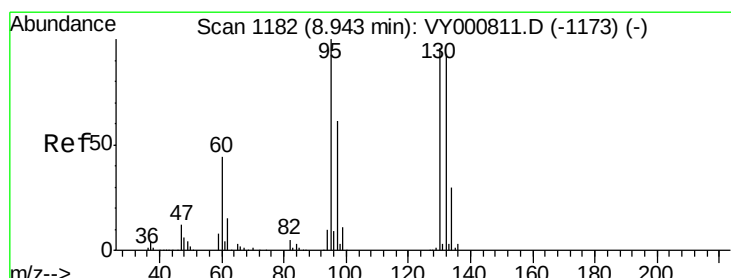
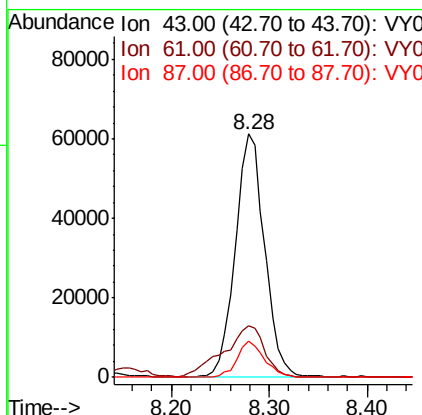
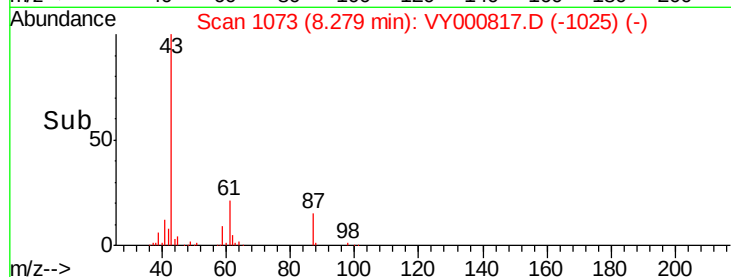
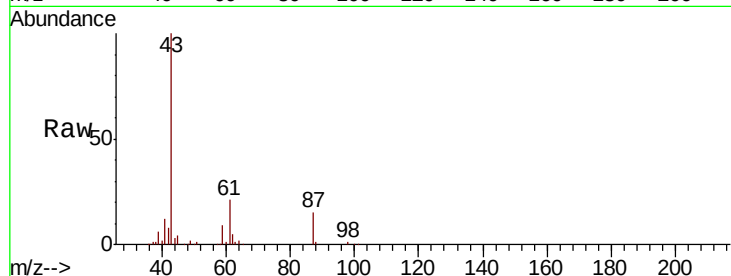
#43
Isopropyl Acetate
Concen: 20.141 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.7	35.5
87	13.8	10.6	15.8

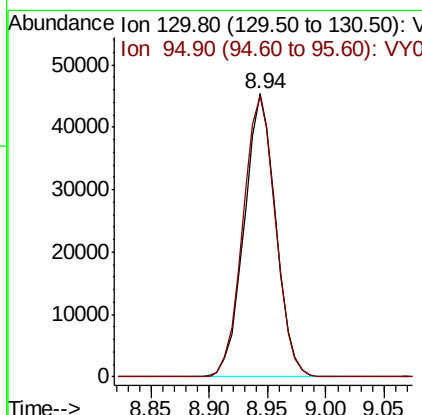
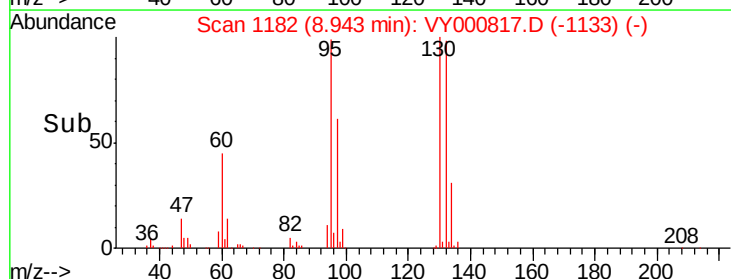
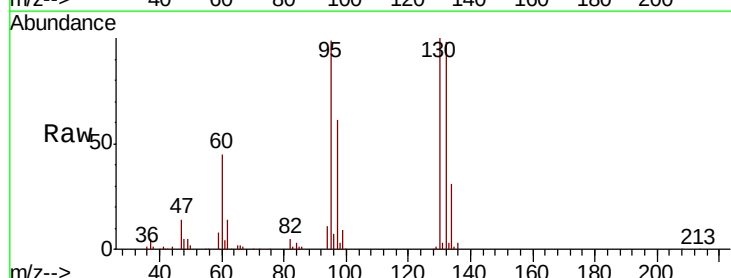
Manual Integrations
APPROVED

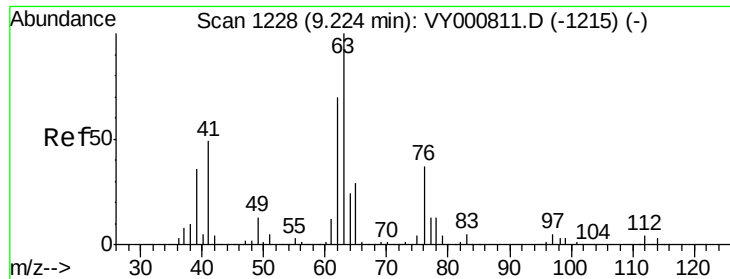
MMDadoda
12/2/2019 11:37:05 AM



#44
Trichloroethene
Concen: 19.779 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	207.8





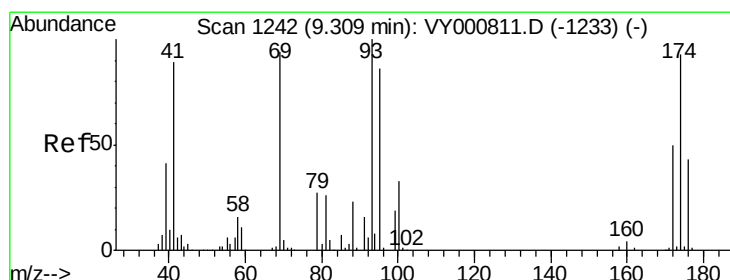
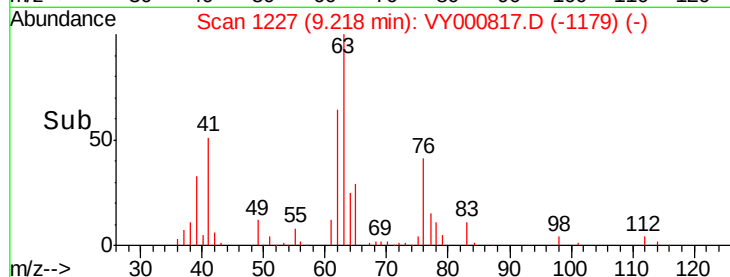
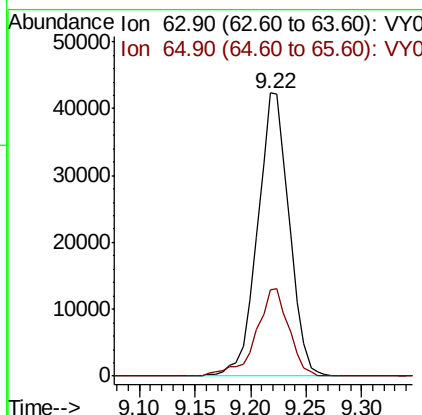
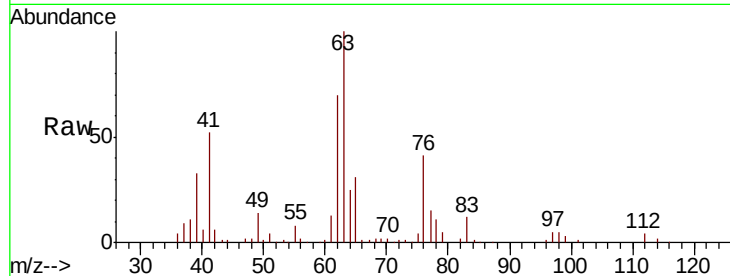
#45
 1,2-Dichloropropane
 Concen: 19.824 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.2	34.8

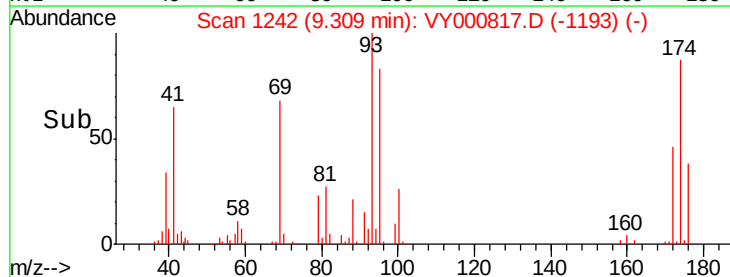
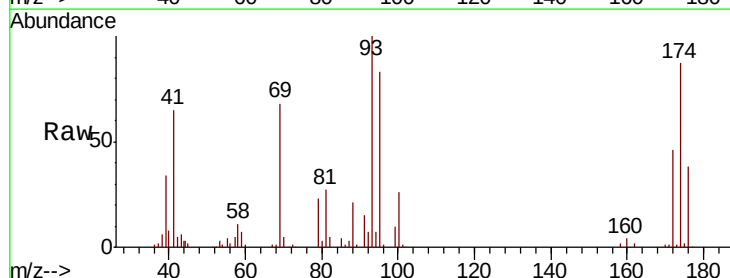
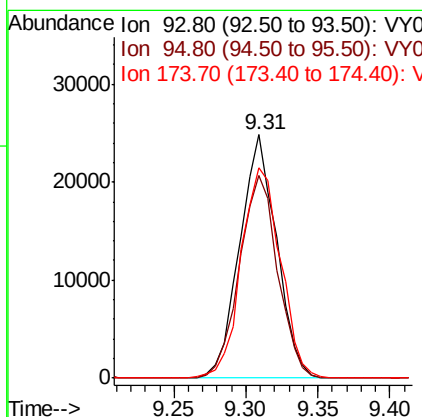
Manual Integrations
 APPROVED

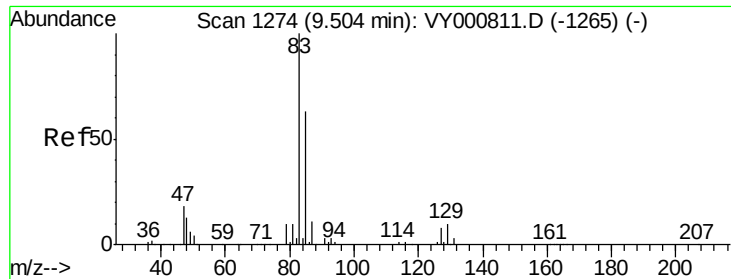
MMDadoda
 12/2/2019 11:37:05 AM



#46
 Dibromomethane
 Concen: 19.972 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.9	66.4	99.6
174	91.9	73.0	109.6





#47

Bromodichloromethane

Concen: 19.388 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

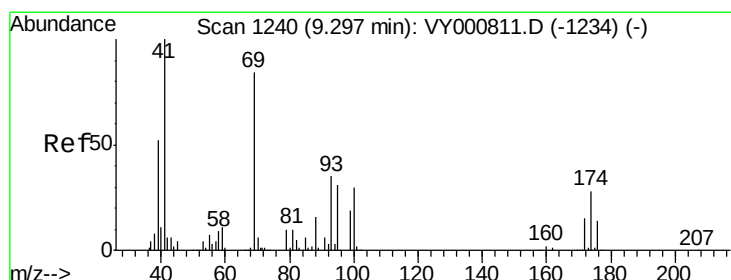
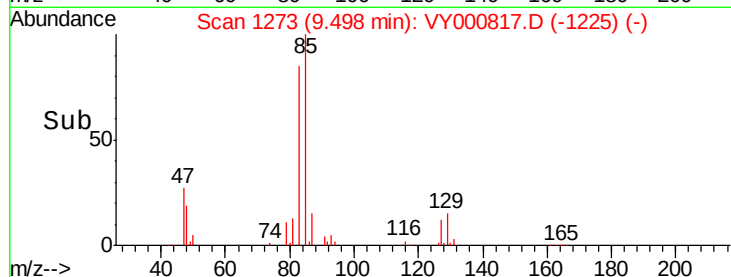
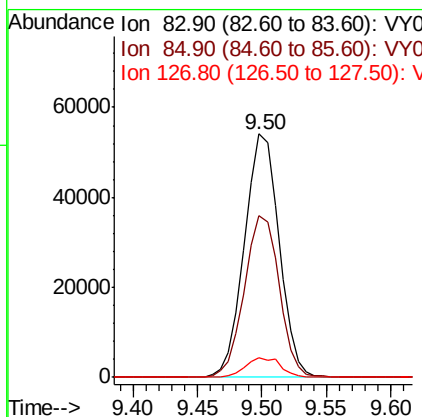
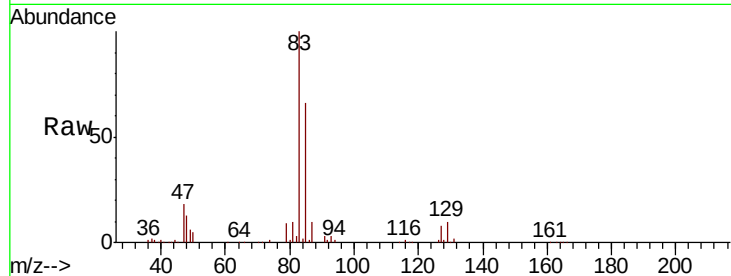
ClientSampleId :

VY1127SBS01

Tot Ion:	83	Resp:	100792
Ion Ratio	Lower	Upper	
83	100		
85	66.4	50.8	76.2
127	8.0	6.6	10.0

Manual Integrations
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MMDadoda
12/2/2019 11:37:05 AM



#48

Methyl methacrylate

Concen: 19.739 ug/l

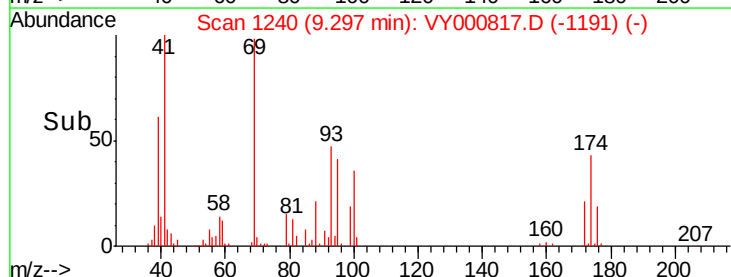
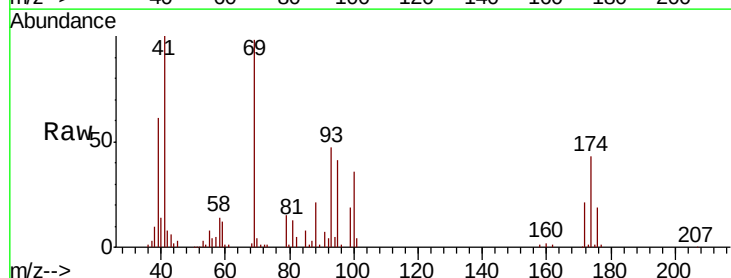
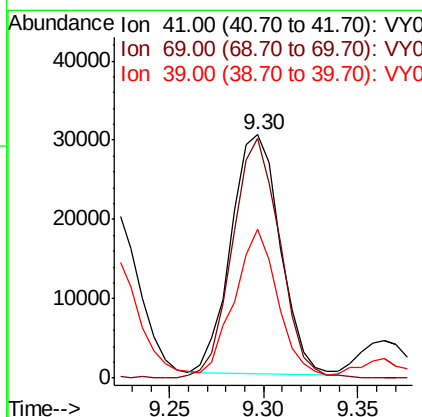
RT: 9.30 min Scan# 1240

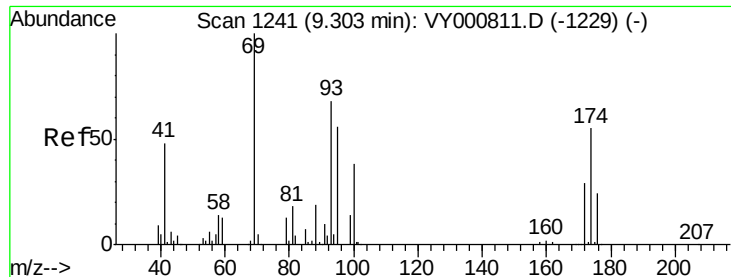
Delta R.T. -0.00 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Tgt Ion:	41	Resp:	54674
Ion Ratio	Lower	Upper	
41	100		
69	96.9	70.4	105.6
39	53.2	40.9	61.3





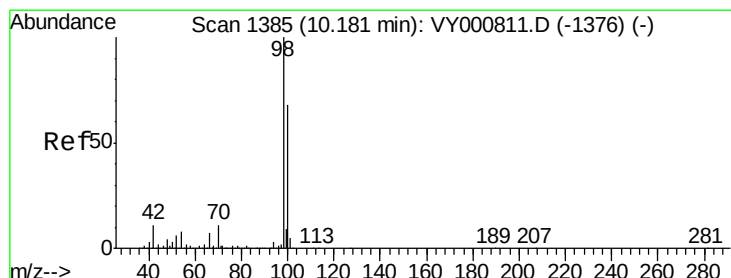
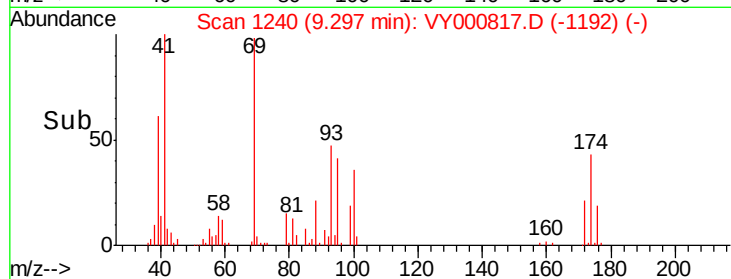
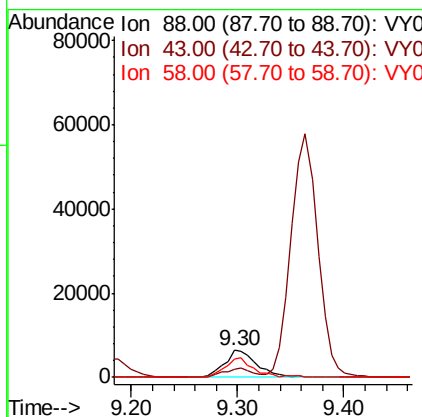
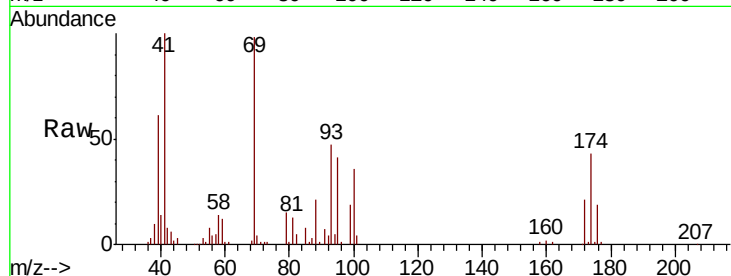
#49
1,4-Dioxane
Concen: 439.312 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Instrument :
MSVOA_Y
ClientSampled :
VY1127SBS01

Tot Ion	88	Resp	13775
Ion Ratio	100	Lower	Upper
88	100		
43	27.9	21.1	31.7
58	61.4	50.7	76.1

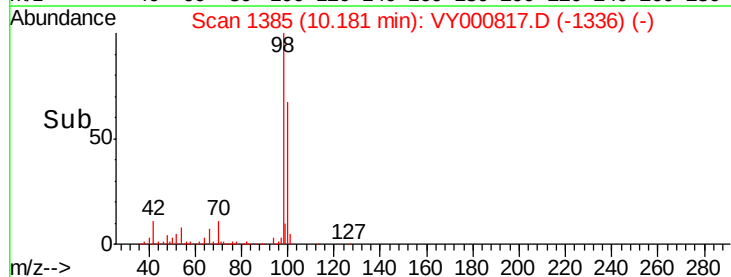
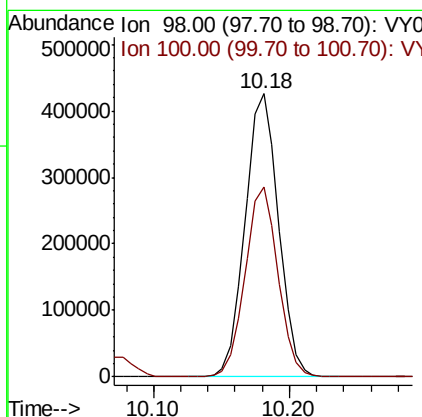
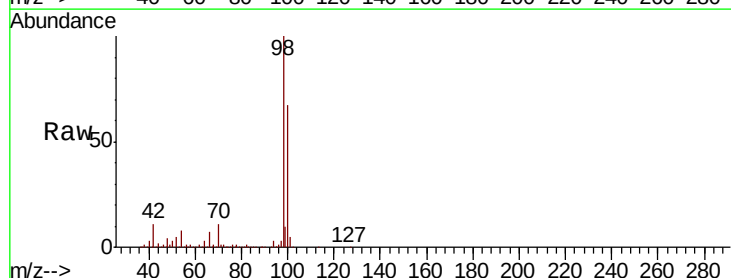
Manual Integrations
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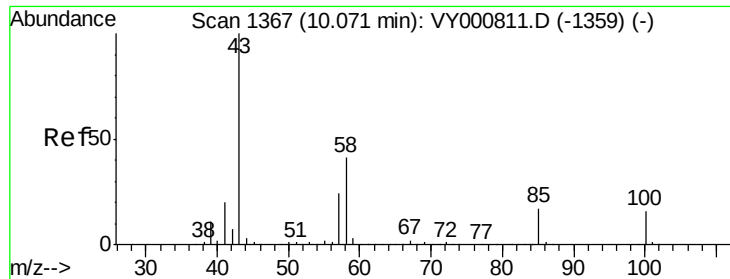
MMDadoda
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#50
Toluene-d8
Concen: 54.032 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tgt Ion	98	Resp	732963
Ion Ratio	100	Lower	Upper
98	100		
100	65.9	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 104.883 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion: 43 Resp: 341344

Ion Ratio Lower Upper

43 100

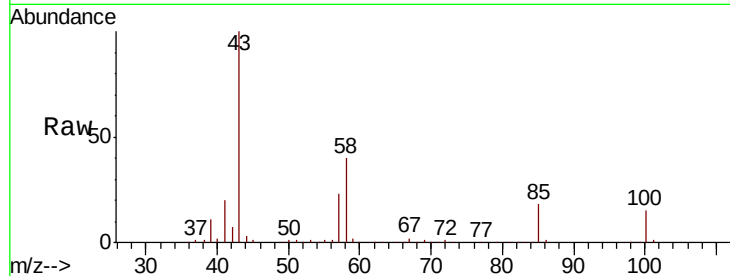
58 40.5 33.1 49.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

200000

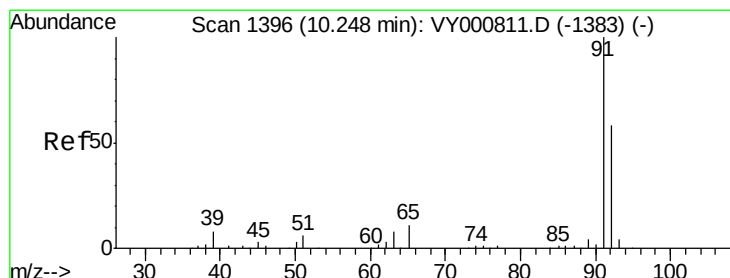
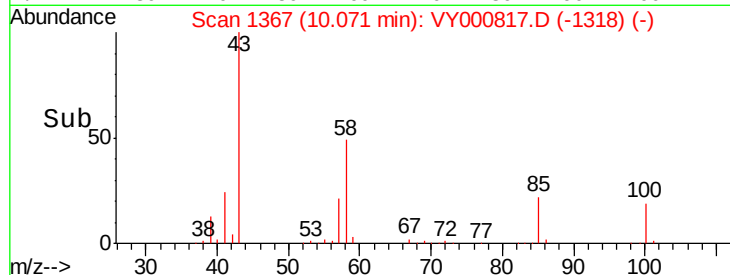
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.001 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000817.D

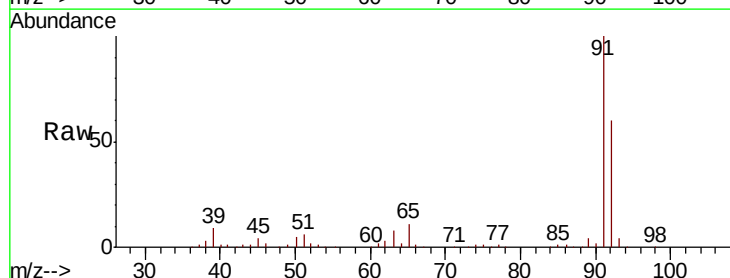
Acq: 27 Nov 2019 14:33

Tgt Ion: 92 Resp: 208811

Ion Ratio Lower Upper

92 100

91 170.9 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

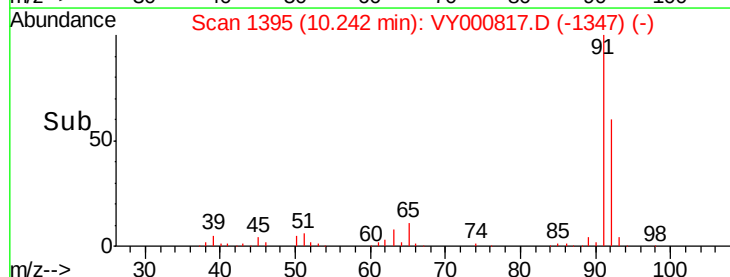
150000

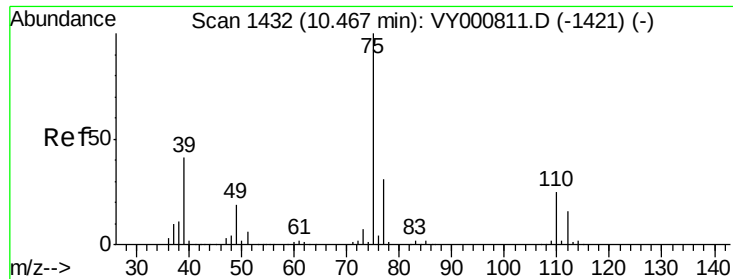
100000

50000

0

Time-->





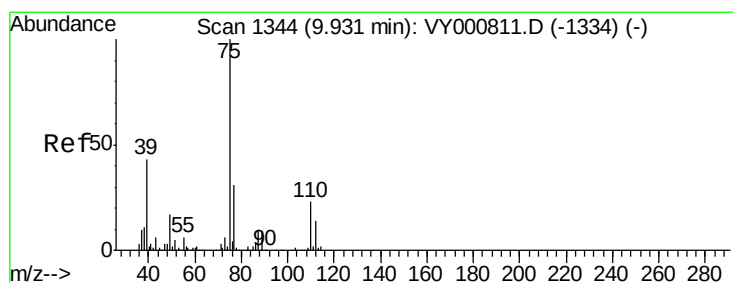
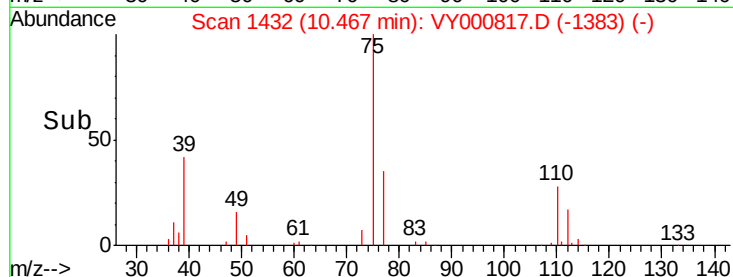
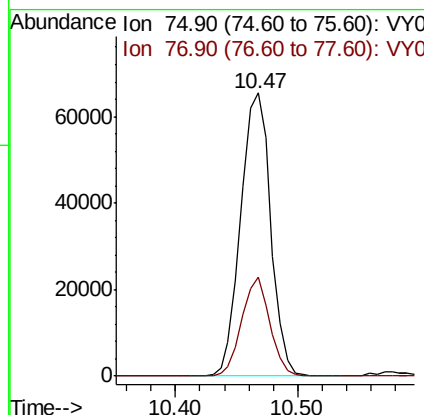
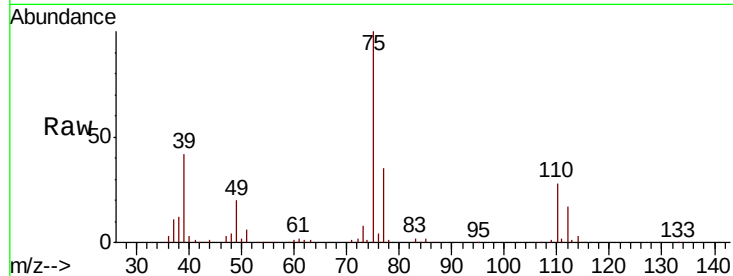
#53
 t-1,3-Dichloropropene
 Concen: 19.885 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion: 75 Resp: 111059
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.1 37.7

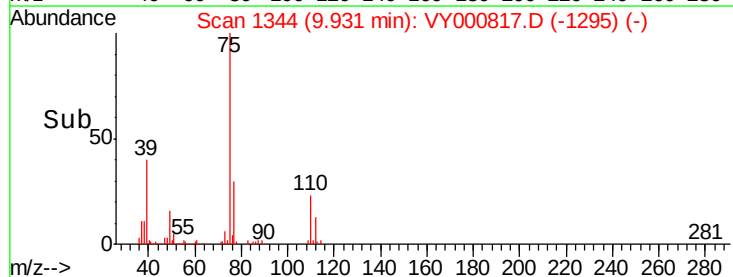
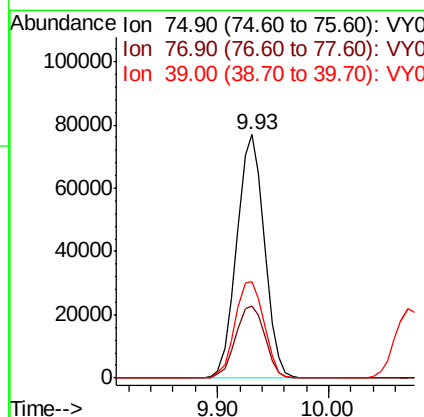
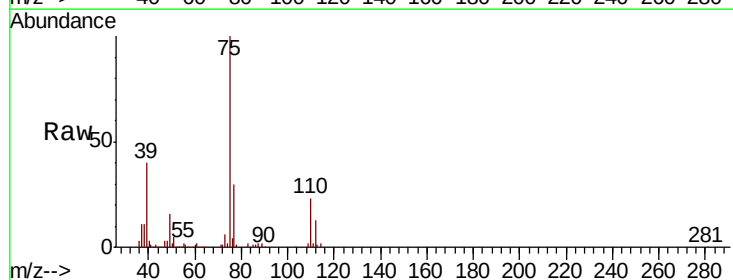
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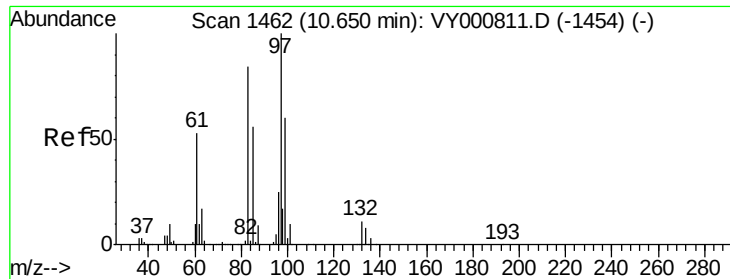
MMDadoda
 12/2/2019 11:37:05 AM



#54
 cis-1,3-Dichloropropene
 Concen: 20.002 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Tgt Ion: 75 Resp: 132044
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.7 37.1
 39 39.7 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 20.068 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion: 97 Resp: 65613

Ion Ratio Lower Upper

97 100

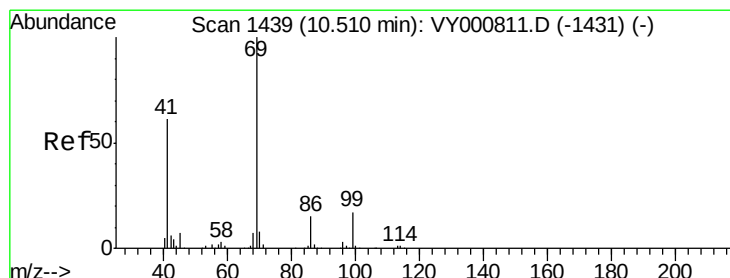
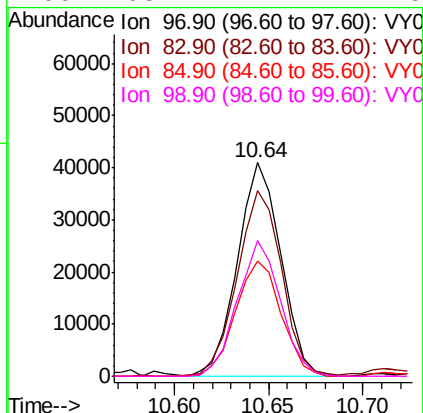
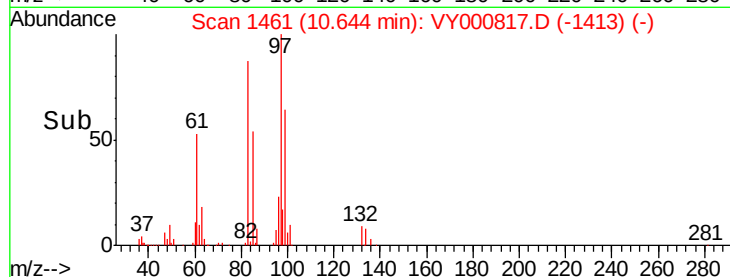
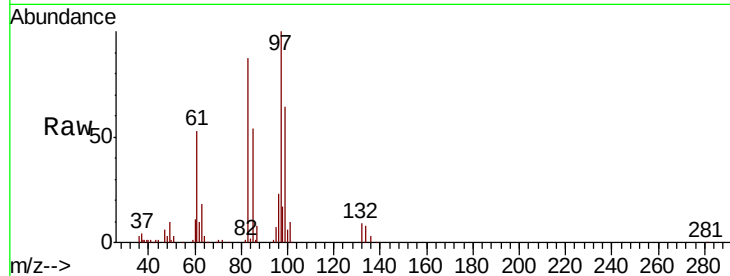
83 86.6 67.5 101.3

85 53.4 44.5 66.7

99 63.7 47.7 71.5

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12/2/2019 11:37:05 AM



#56

Ethyl methacrylate

Concen: 20.577 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

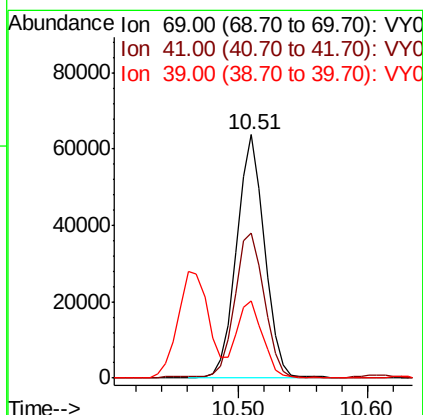
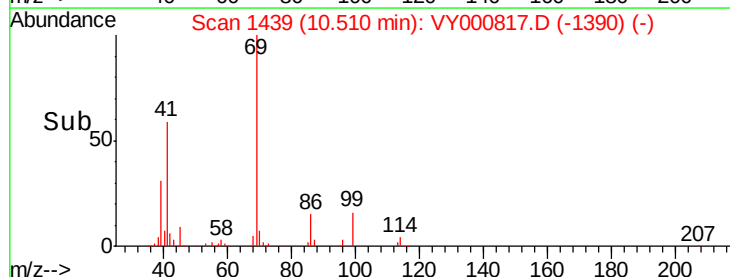
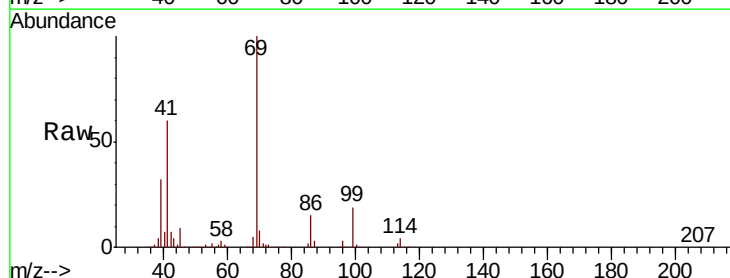
Tgt Ion: 69 Resp: 96243

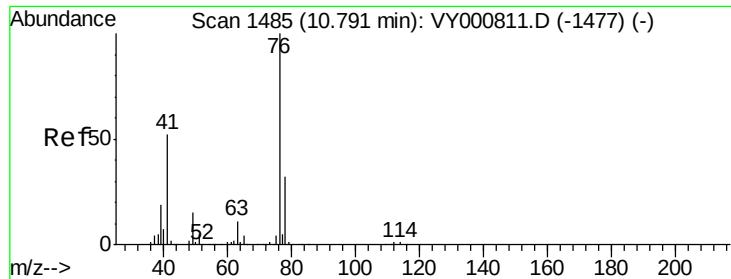
Ion Ratio Lower Upper

69 100

41 64.1 49.0 73.6

39 30.5 23.1 34.7





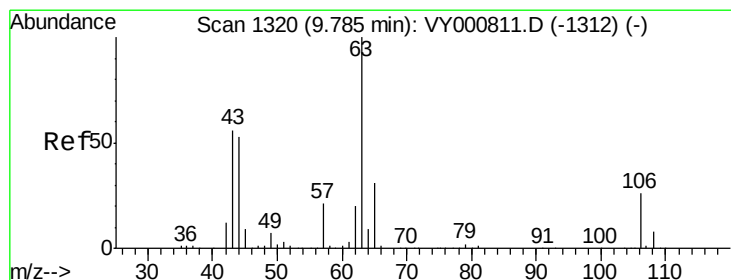
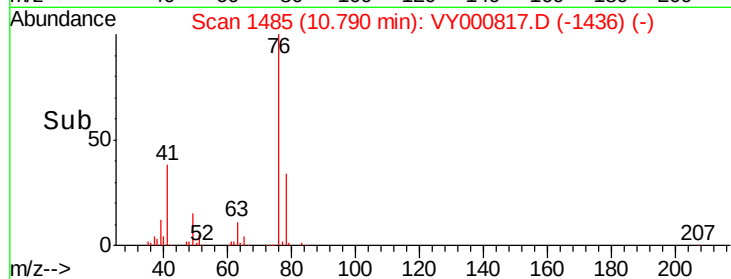
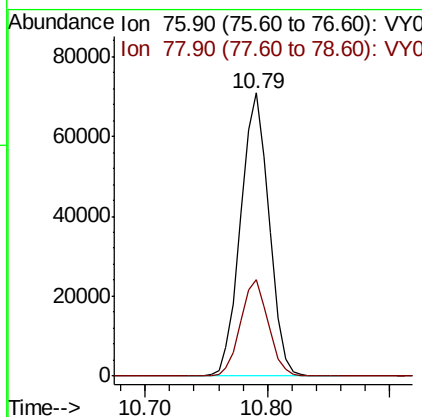
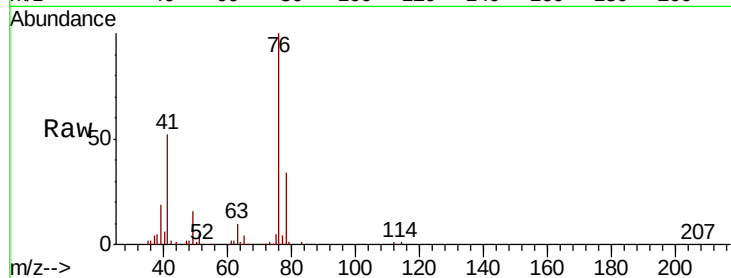
#57
 1,3-Dichloropropane
 Concen: 20.052 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.4	39.6

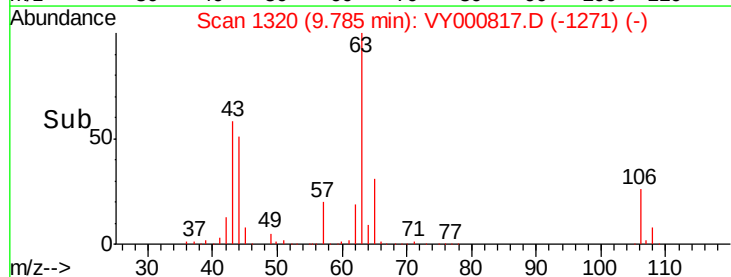
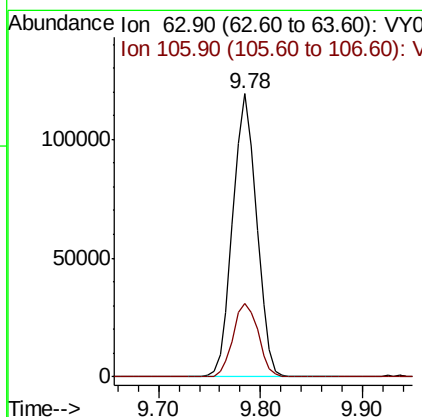
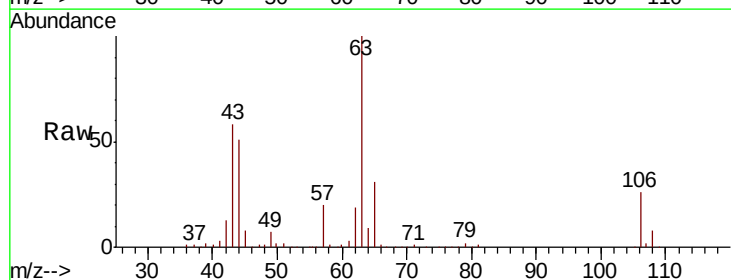
Manual Integrations
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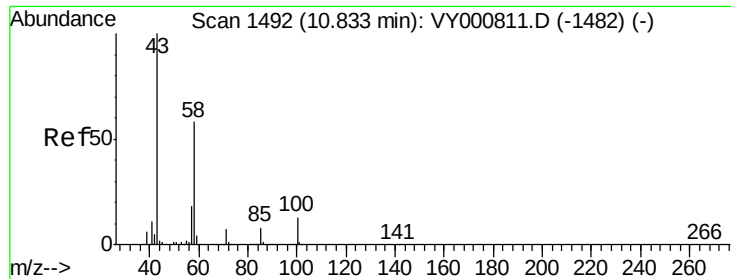
MMDadoda
 12/2/2019 11:37:05 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.367 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.5	32.3





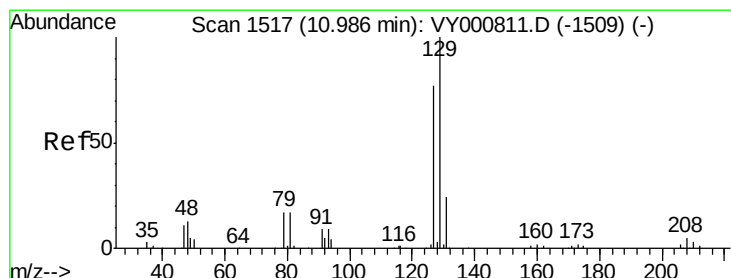
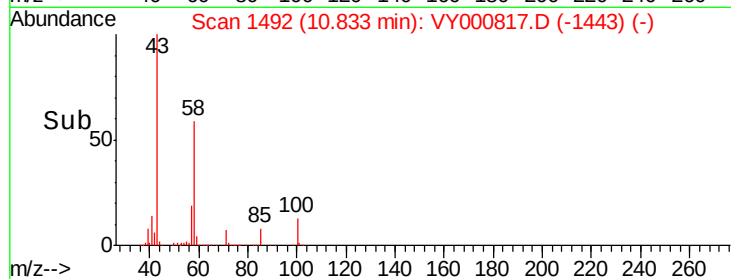
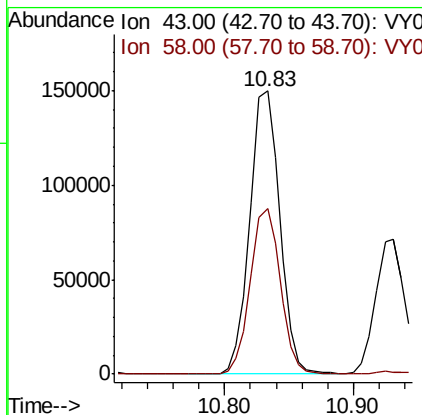
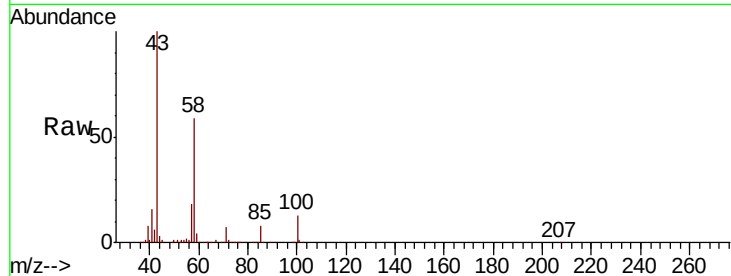
#59
2-Hexanone
Concen: 101.459 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion: 43 Resp: 240609
Ion Ratio Lower Upper
43 100
58 58.6 29.0 87.1

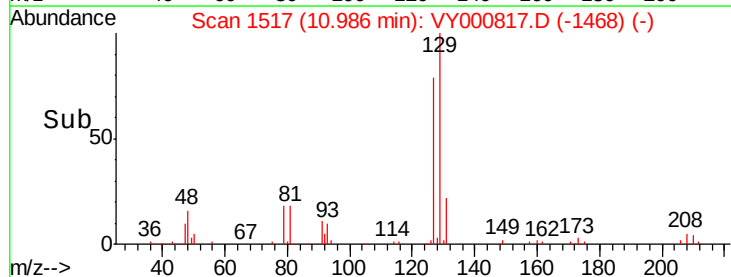
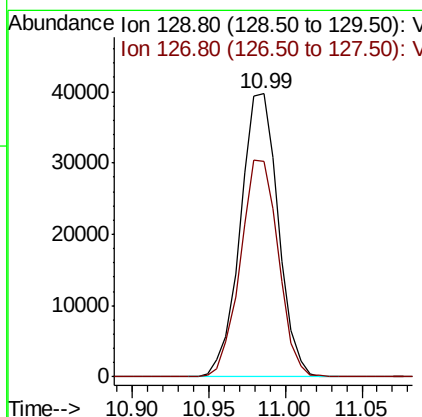
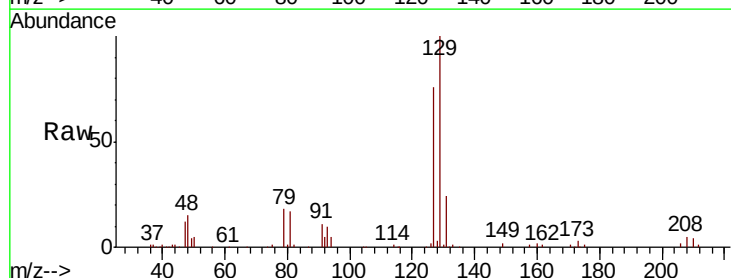
Manual Integrations
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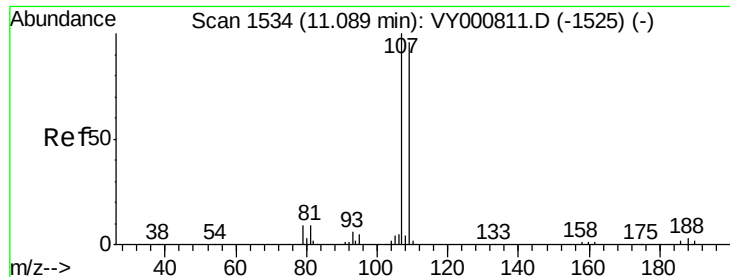
MMDadoda
12/2/2019 11:37:05 AM



#60
Dibromochloromethane
Concen: 19.417 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tgt Ion: 129 Resp: 68342
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2





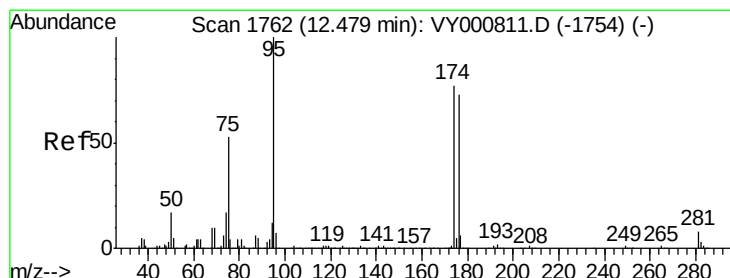
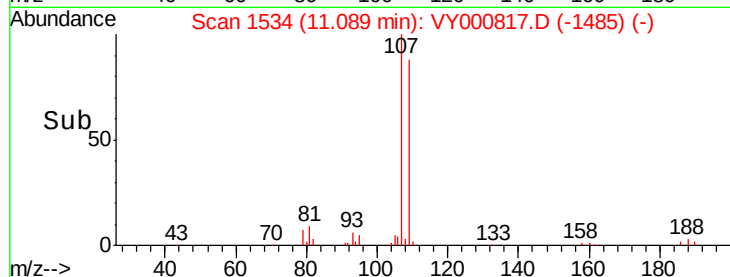
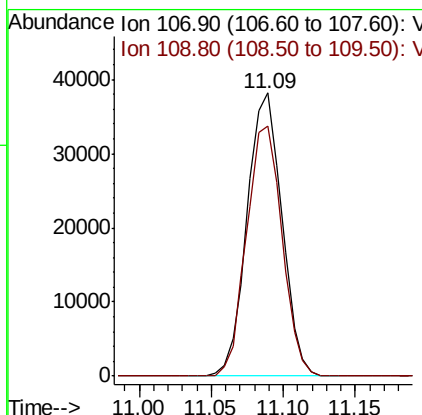
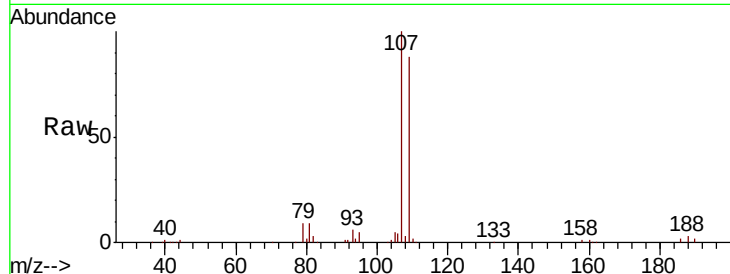
#61
 1,2-Dibromoethane
 Concen: 20.668 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.4	75.9	113.9

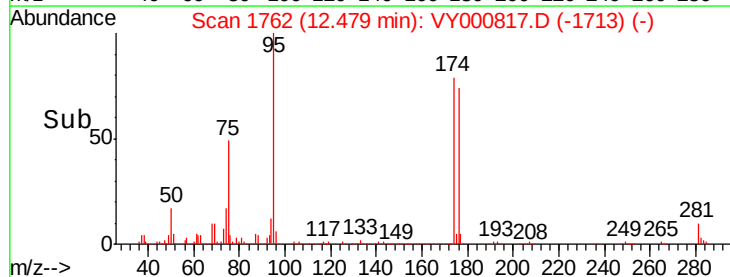
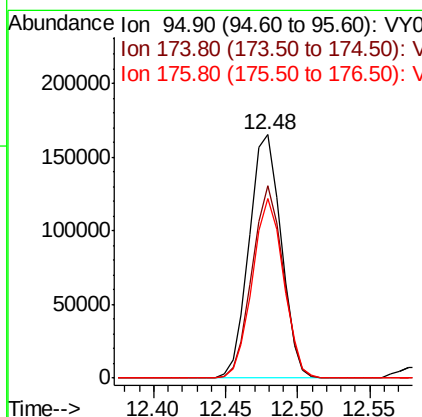
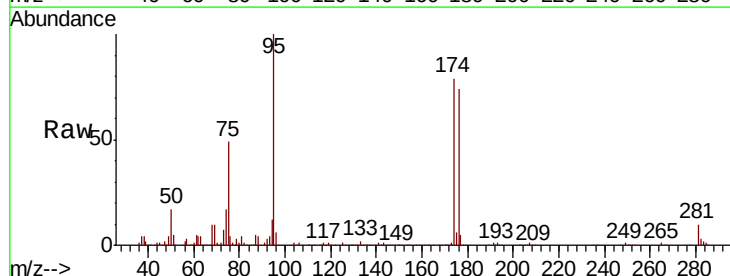
Manual Integrations
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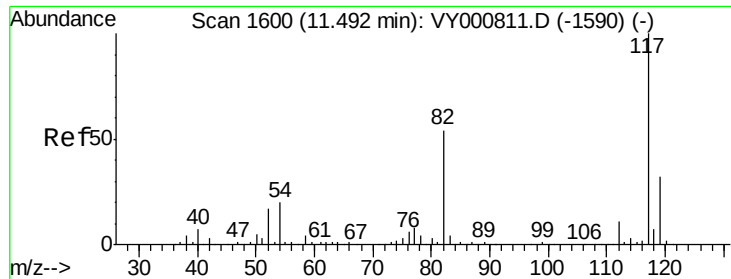
MMDadoda
 12/2/2019 11:37:05 AM



#62
 4-Bromofluorobenzene
 Concen: 49.802 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	150.6
176	72.1	0.0	145.2





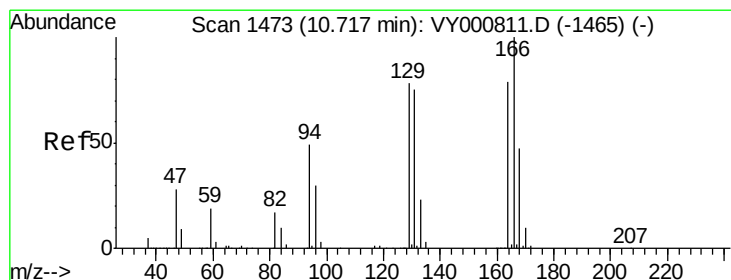
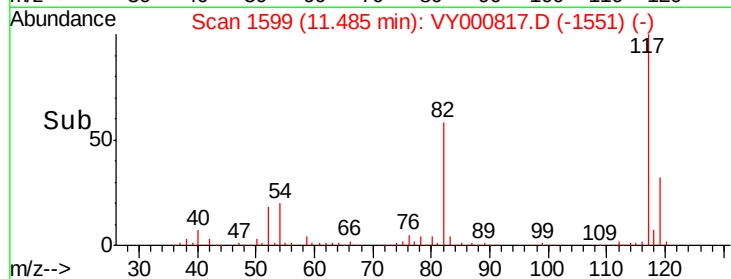
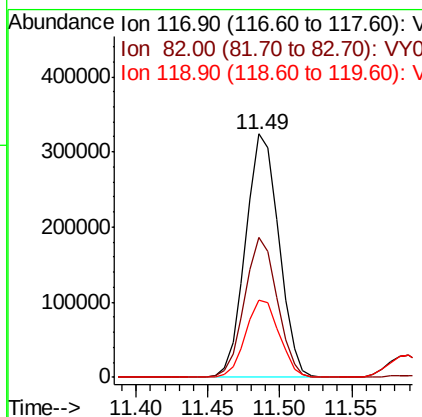
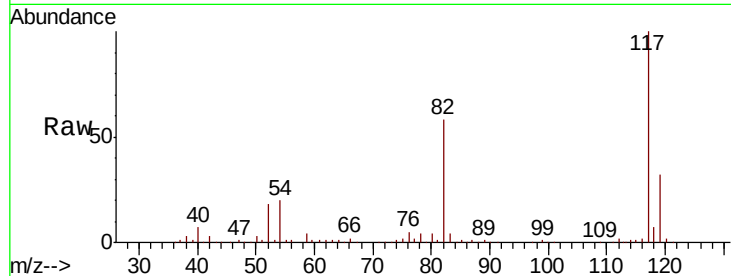
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	43.1	64.7
119	31.8	25.3	37.9

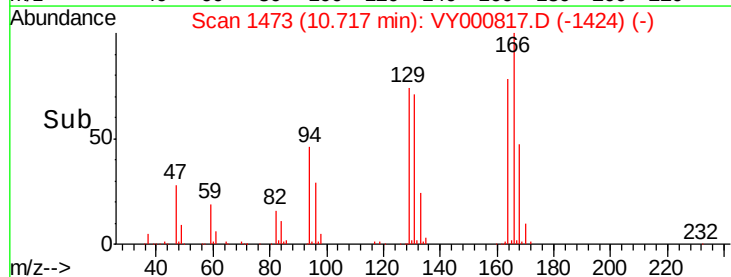
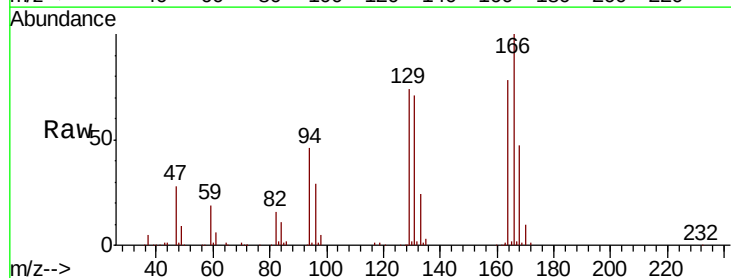
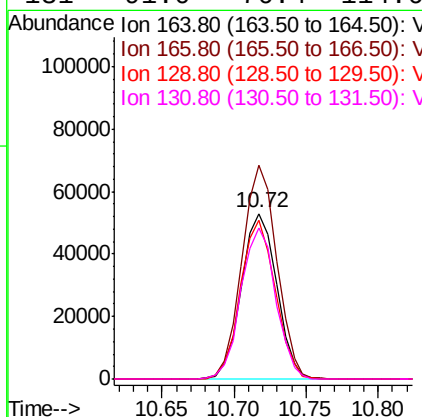
Manual Integrations
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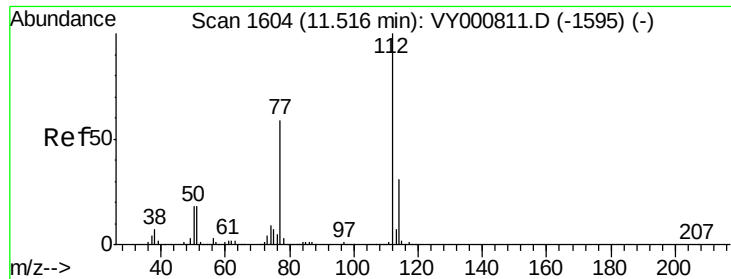
MMDadoda
12/2/2019 11:37:05 AM



#64
Tetrachloroethene
Concen: 19.962 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	101.8	152.8
129	95.6	79.3	118.9
131	91.0	76.4	114.6





#65

Chlorobenzene

Concen: 20.030 ug/l

RT: 11.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion:112 Resp: 215400

Ion Ratio Lower Upper

112 100

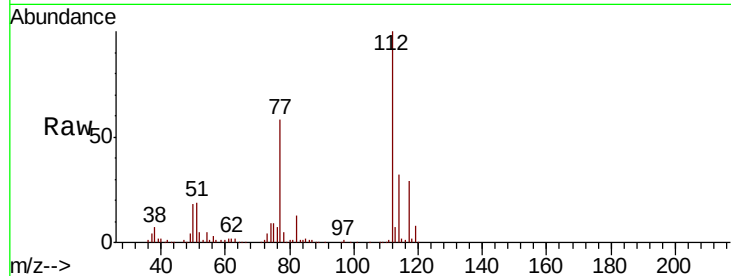
114 32.0 25.1 37.7

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

150000

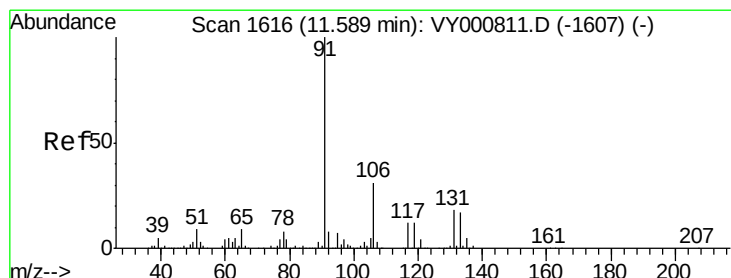
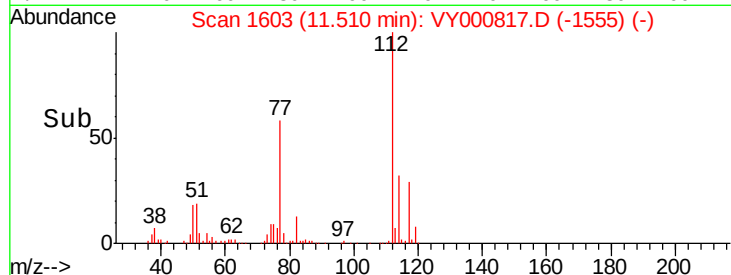
11.51

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.941 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

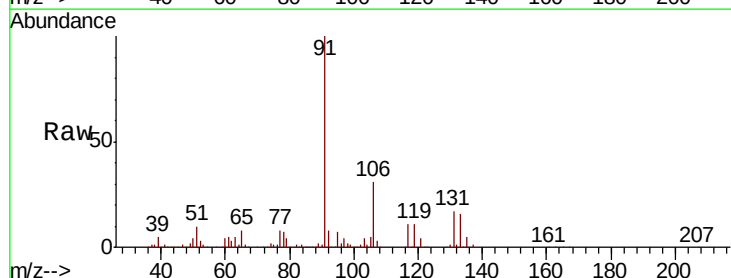
Tgt Ion:131 Resp: 72266

Ion Ratio Lower Upper

131 100

133 94.2 47.4 142.2

119 69.5 33.8 101.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

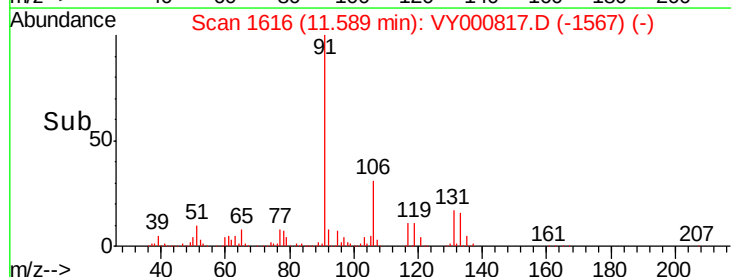
100000

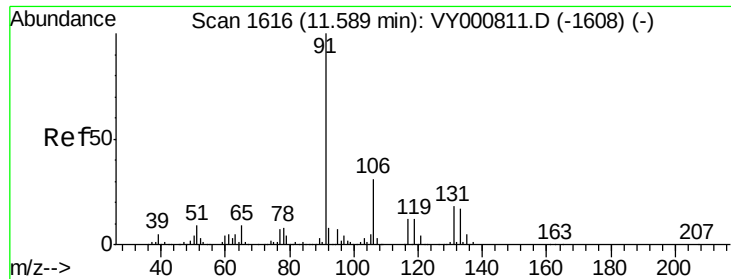
11.59

50000

0

Time-->





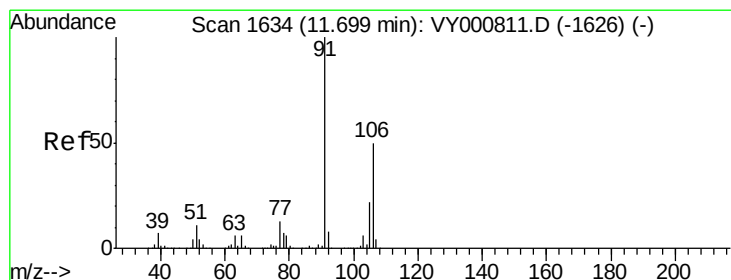
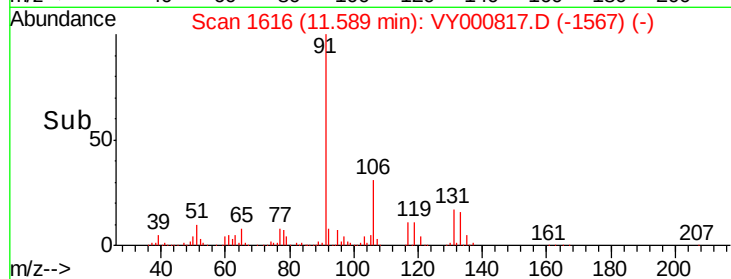
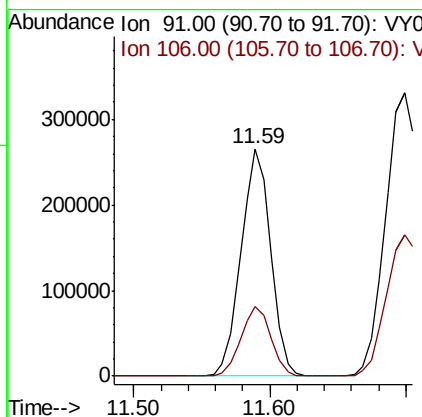
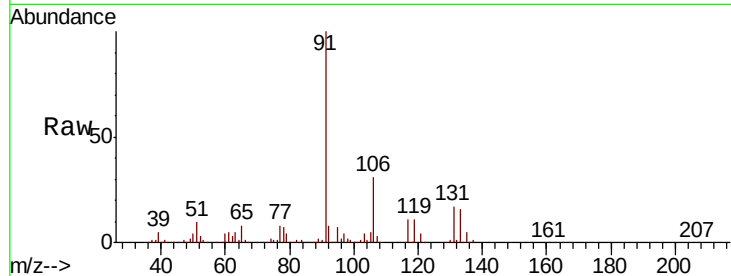
#67
Ethyl Benzene
Concen: 20.179 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.4	36.6

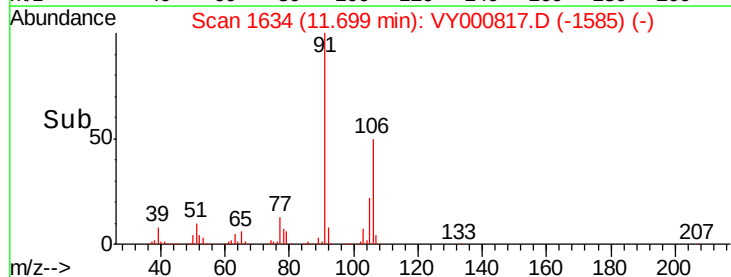
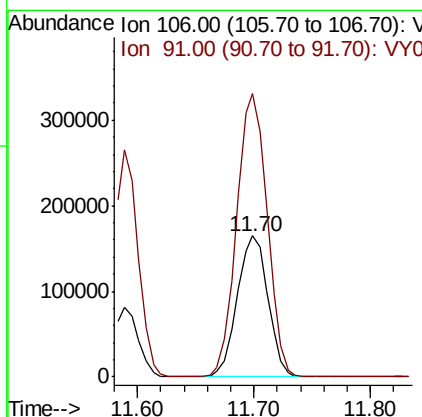
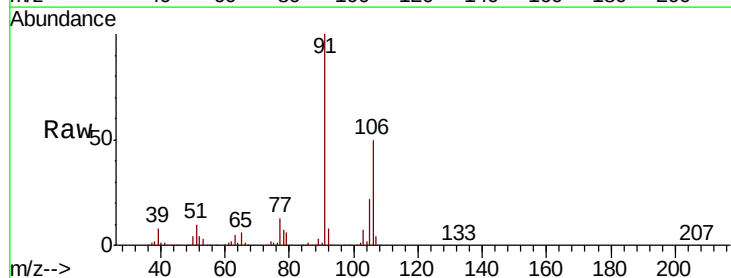
Manual Integrations
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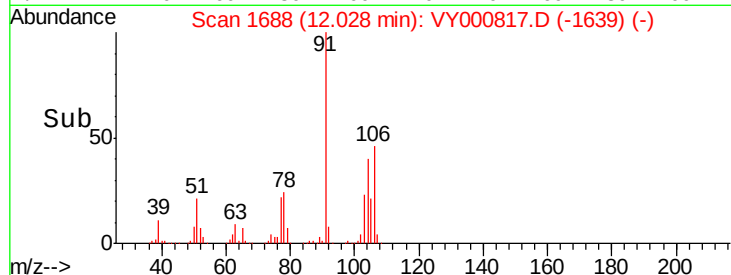
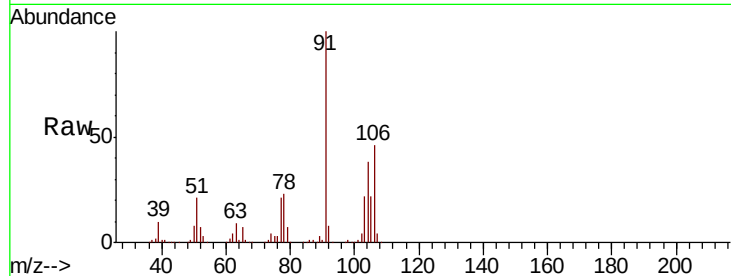
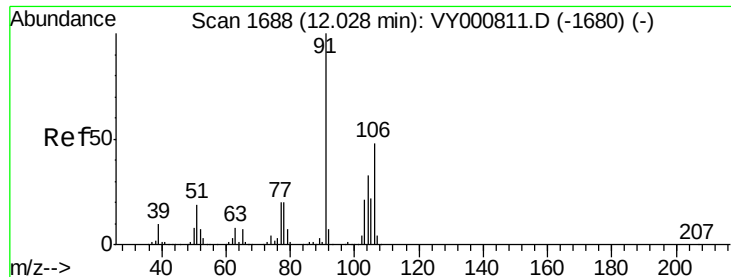
MMDadoda
12/2/2019 11:37:05 AM



#68
m/p-Xylenes
Concen: 40.305 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.0	159.6	239.4





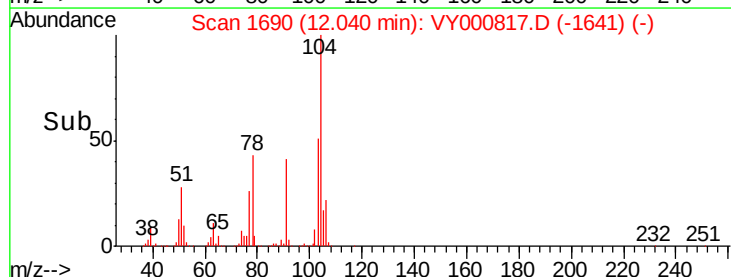
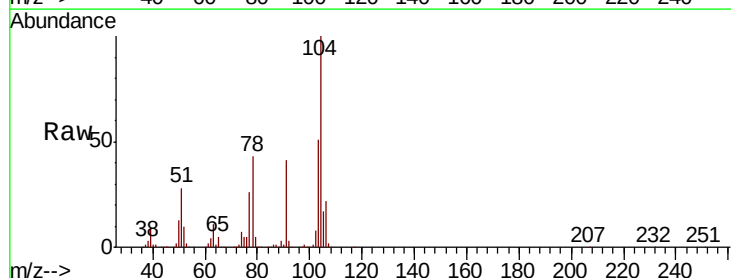
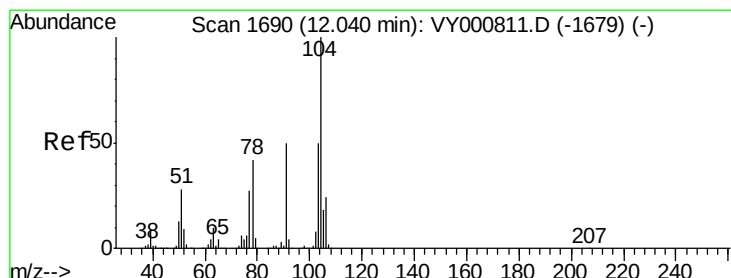
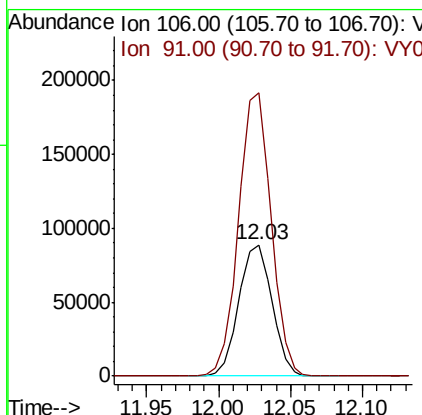
#69
o-Xylene
Concen: 20.327 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tot Ion:106 Resp: 142470
Ion Ratio Lower Upper
106 100
91 211.3 106.1 318.1

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

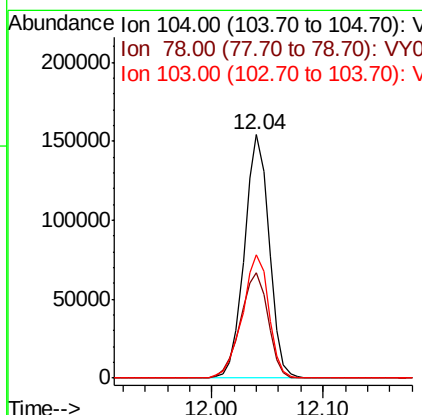
Manual Integrations
APPROVED

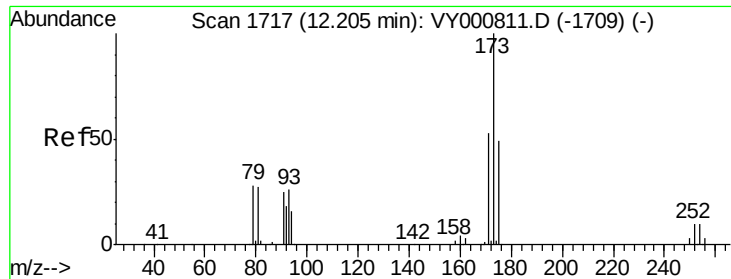
MMDadoda
12/2/2019 11:37:05 AM



#70
Styrene
Concen: 19.824 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tgt Ion:104 Resp: 237913
Ion Ratio Lower Upper
104 100
78 48.4 38.2 57.4
103 54.2 43.4 65.0





#71

Bromoform

Concen: 19.735 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

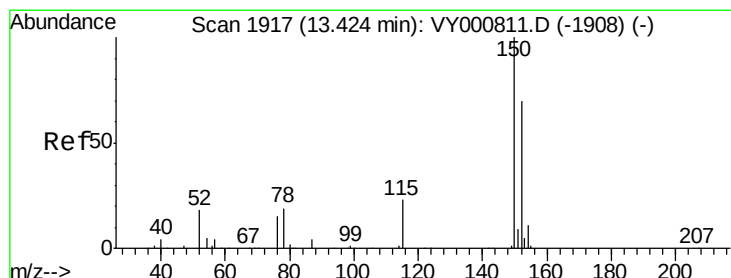
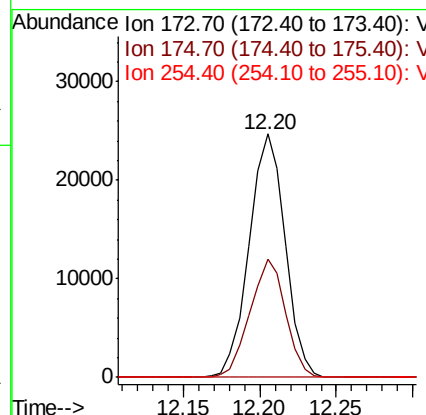
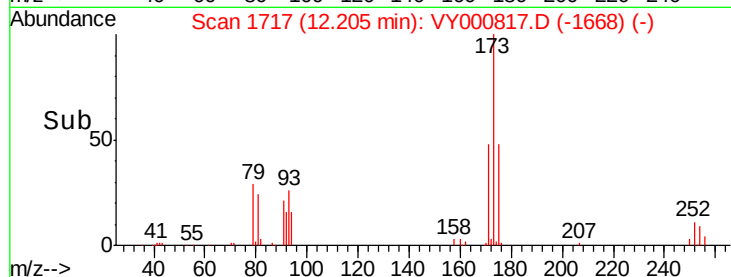
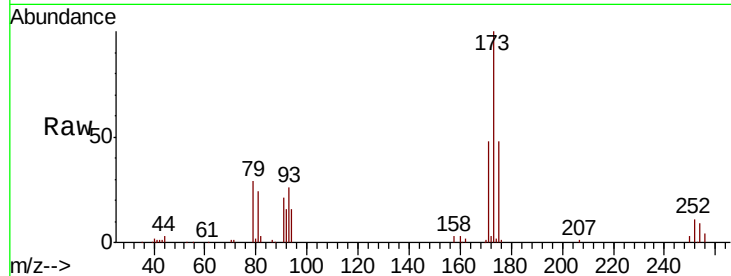
ClientSampleId :

VY1127SBS01

Tot Ion:	173	Resp:	40337
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.5	73.5
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

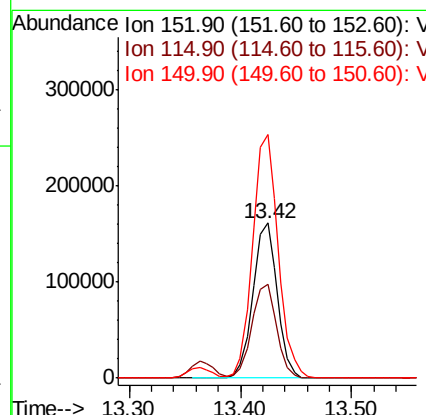
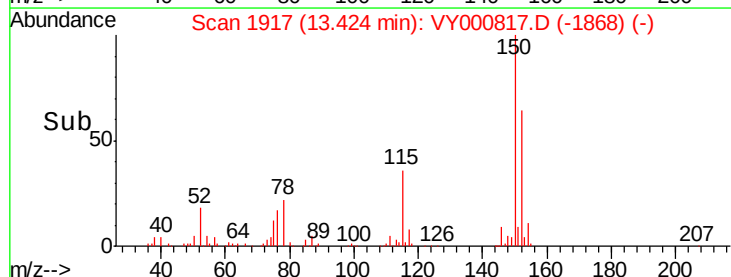
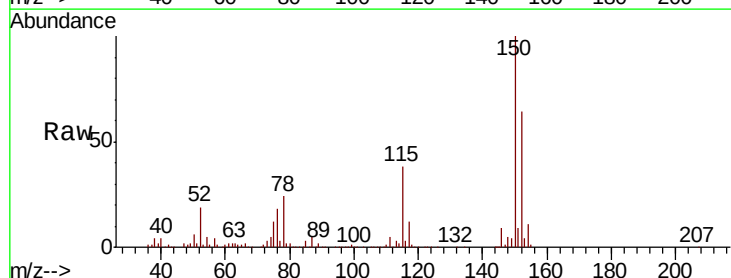
RT: 13.42 min Scan# 1917

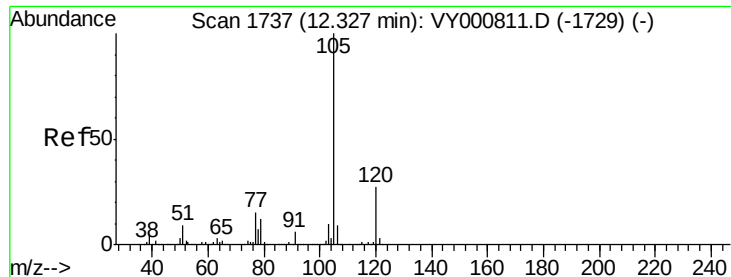
Delta R.T. -0.00 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Tgt Ion:	152	Resp:	243997
Ion Ratio	Lower	Upper	
152	100		
115	61.7	29.3	87.8
150	165.9	0.0	351.2





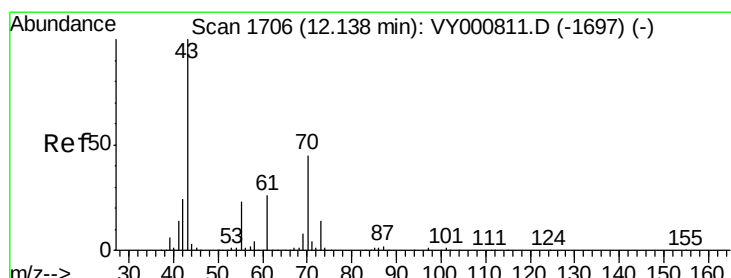
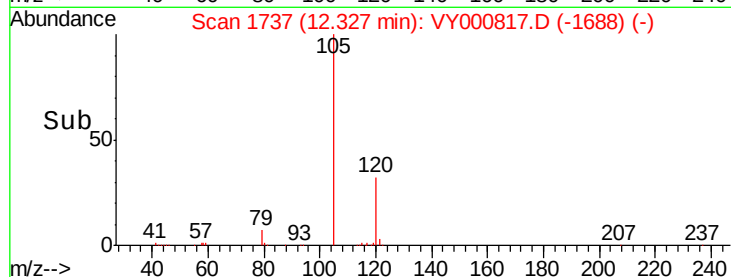
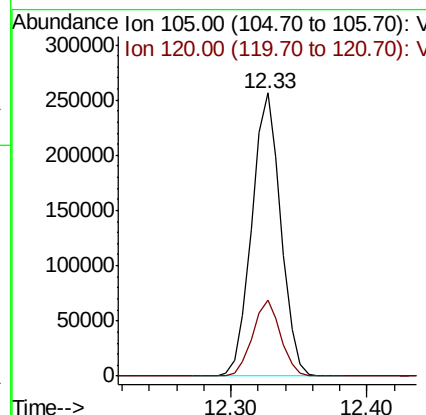
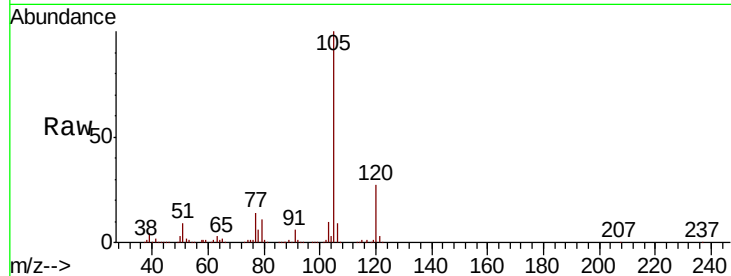
#73
Isopropylbenzene
Concen: 19.676 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.4	40.2

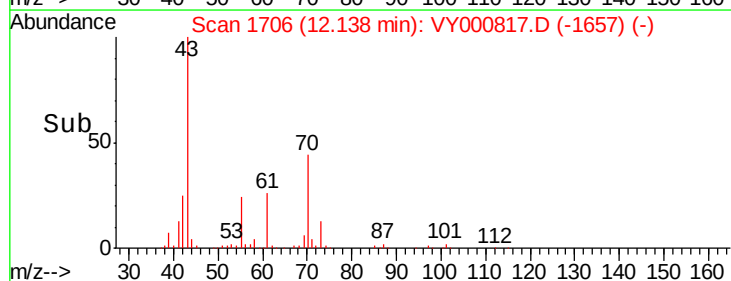
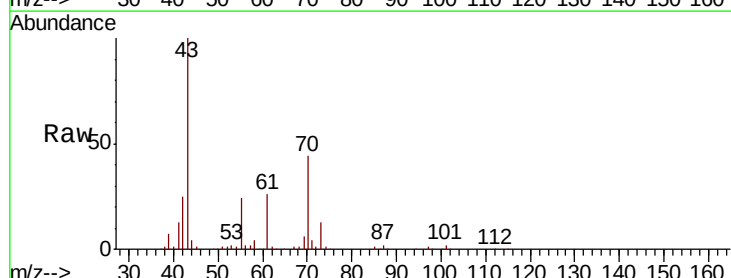
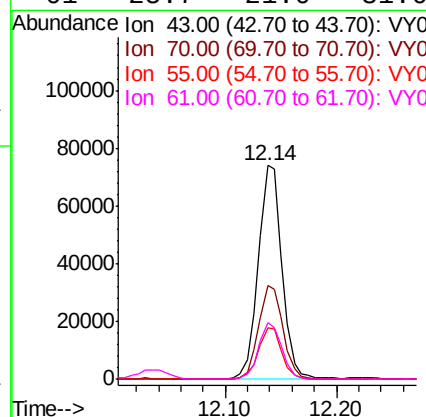
Manual Integrations
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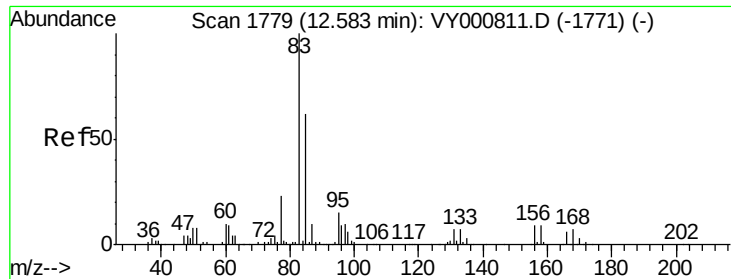
MMDadoda
12/2/2019 11:37:05 AM



#74
N-ethyl acetate
Concen: 20.317 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.7	36.6	54.8
55	23.5	18.8	28.2
61	25.7	21.0	31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.566 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

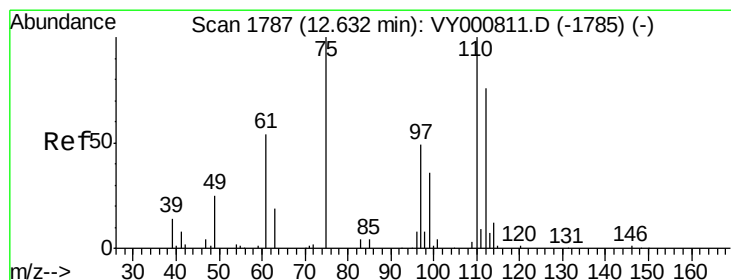
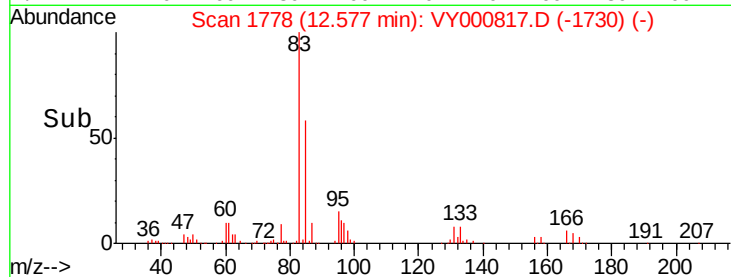
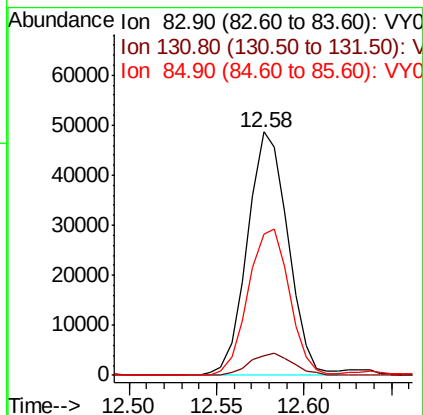
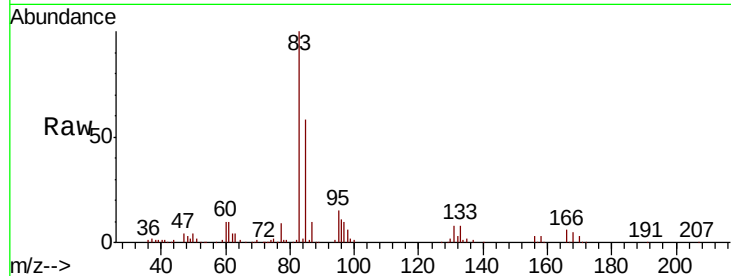
ClientSampleId :

VY1127SBS01

Tot Ion:	83	Resp:	78727
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.3	13.1
85	61.3	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.417 ug/l m

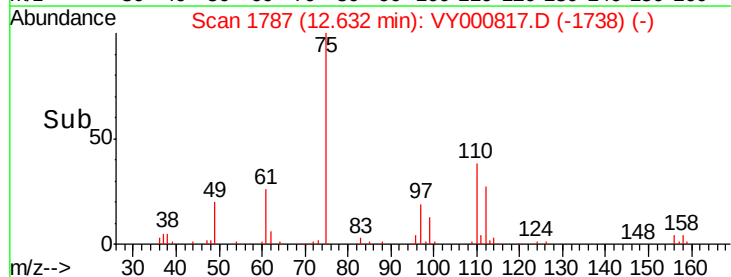
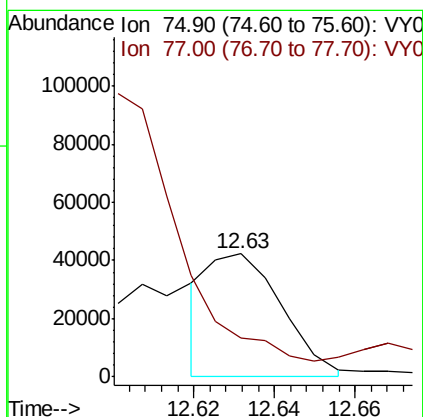
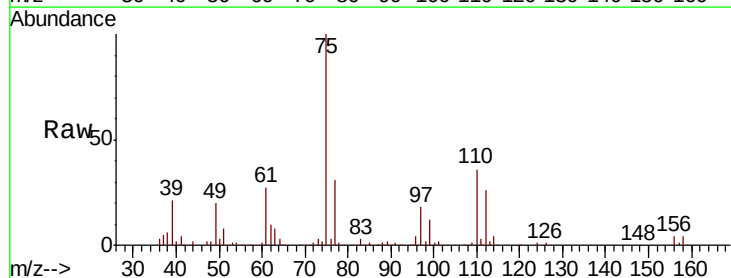
RT: 12.63 min Scan# 1787

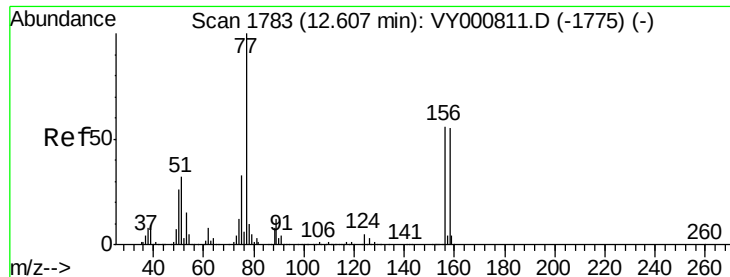
Delta R.T. -0.00 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Tgt Ion:	75	Resp:	53678
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.391 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion:156 Resp: 81661

Ion Ratio Lower Upper

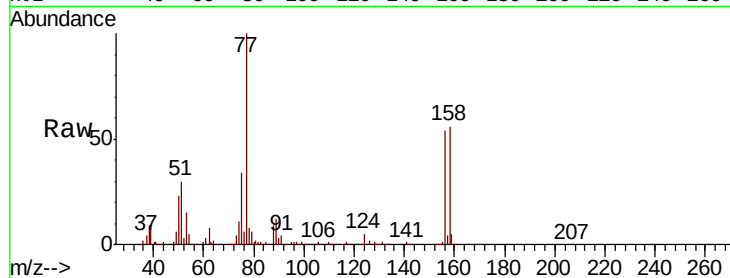
156 100

77 212.5 102.6 307.7

158 100.8 47.6 142.8

Manual Integrations
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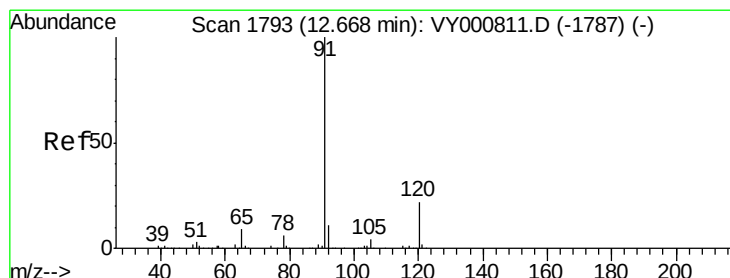
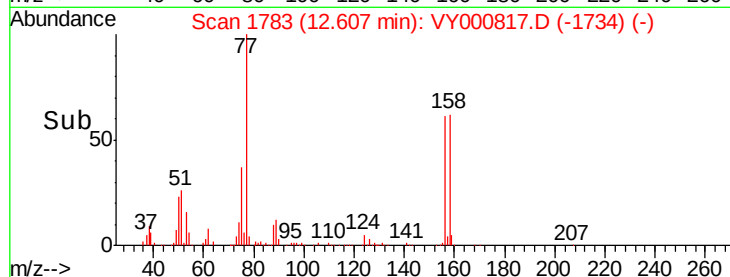
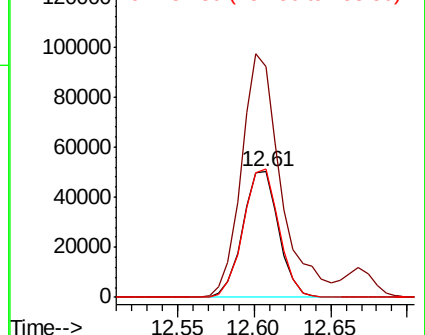
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.815 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000817.D

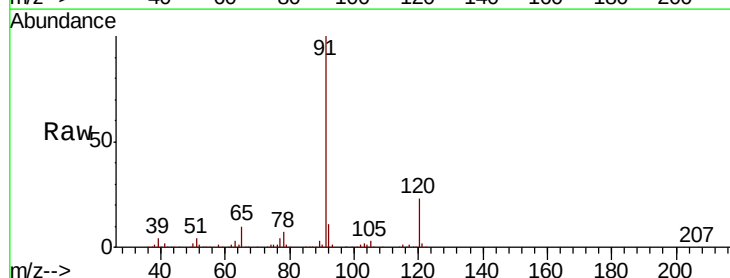
Acq: 27 Nov 2019 14:33

Tgt Ion: 91 Resp: 470035

Ion Ratio Lower Upper

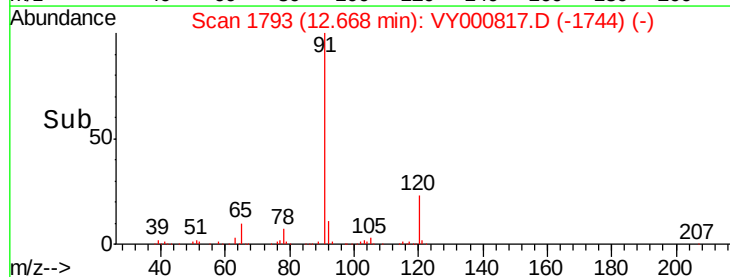
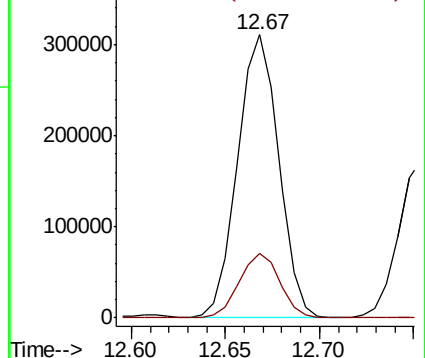
91 100

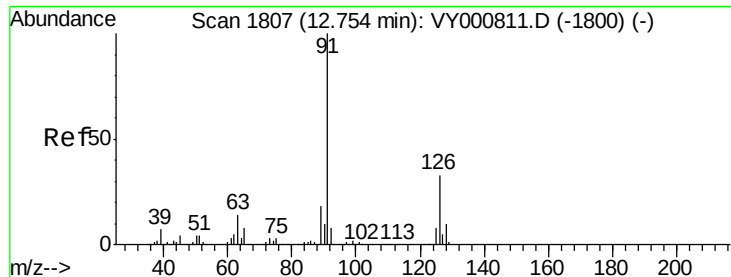
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.827 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion: 91 Resp: 259828

Ion Ratio Lower Upper

91 100

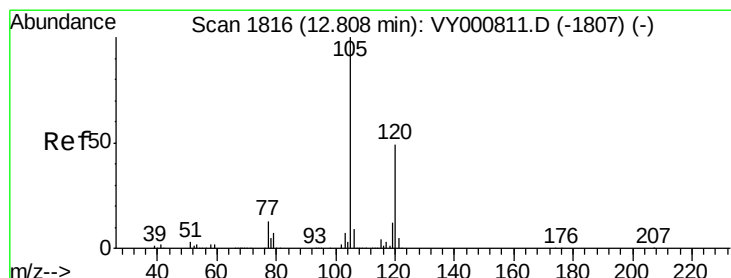
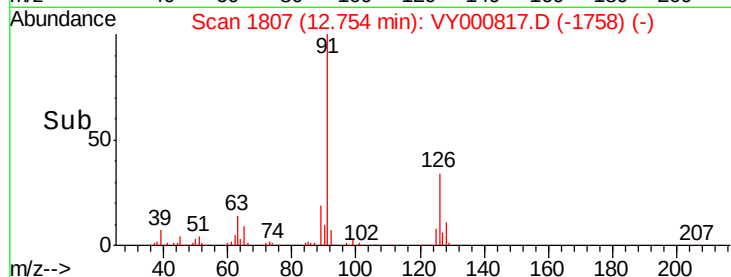
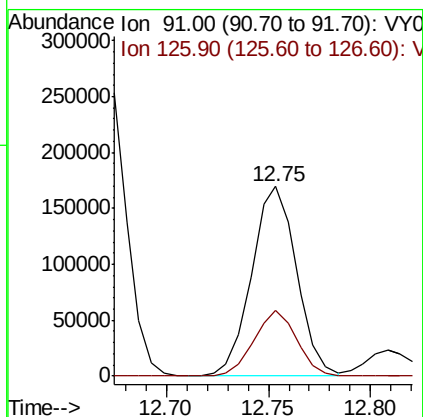
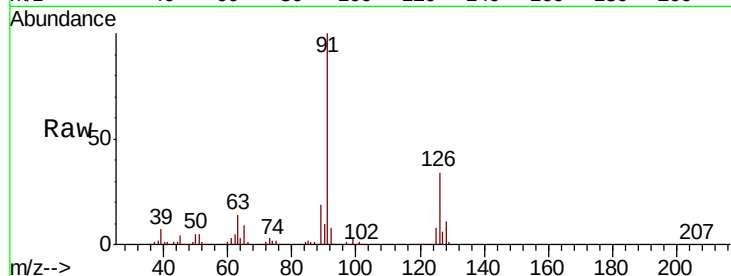
126 33.0 17.0 51.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.861 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000817.D

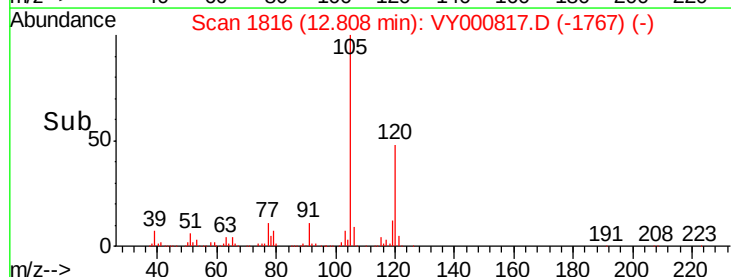
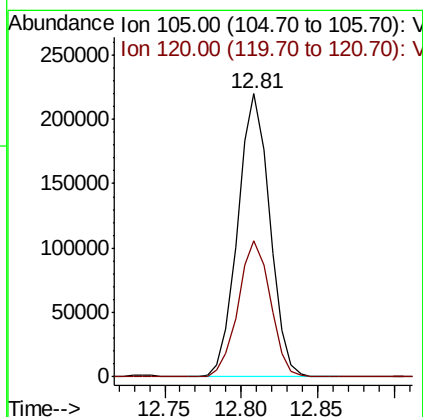
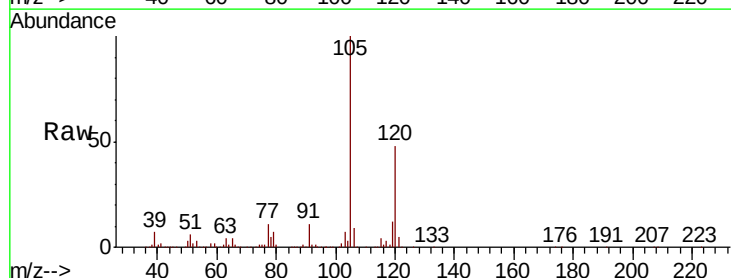
Acq: 27 Nov 2019 14:33

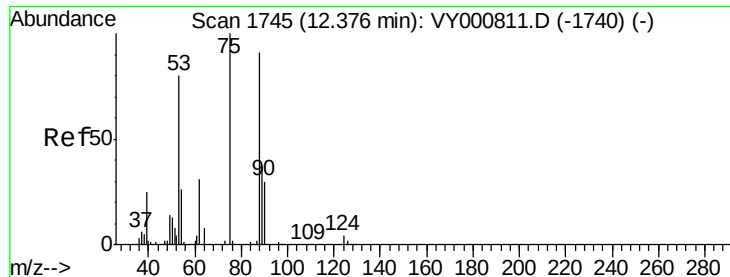
Tgt Ion: 105 Resp: 319471

Ion Ratio Lower Upper

105 100

120 48.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.704 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

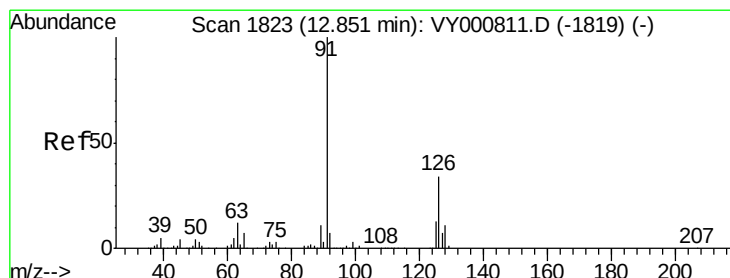
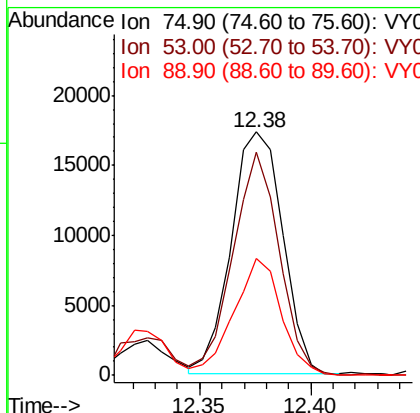
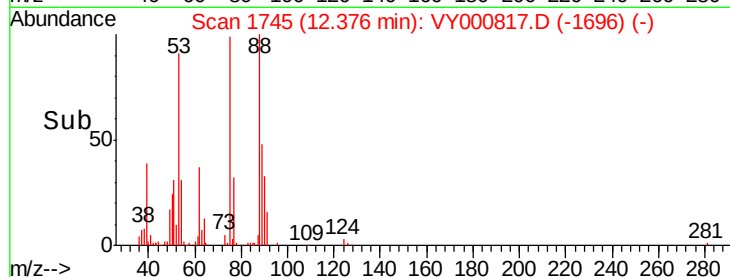
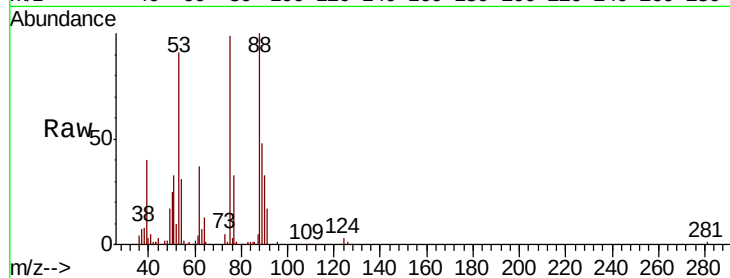
ClientSampleId :

VY1127SBS01

Tot Ion:	75	Resp:	27731
Ion	Ratio	Lower	Upper
75	100		
53	84.0	64.6	96.8
89	44.8	33.6	50.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.776 ug/l

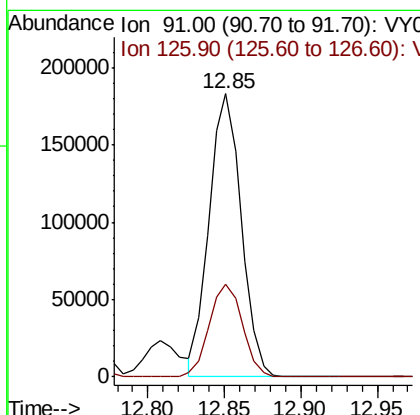
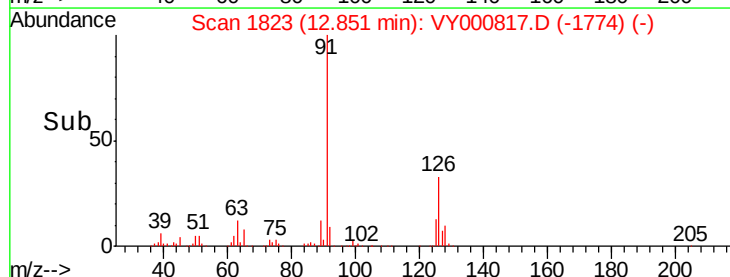
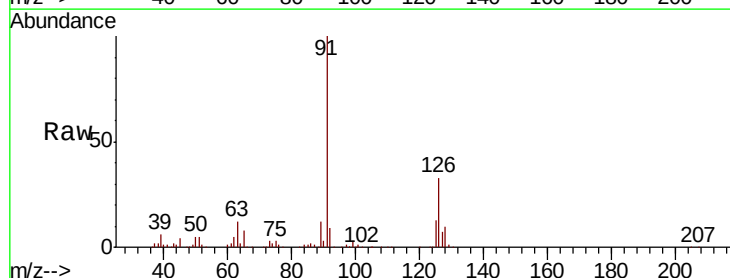
RT: 12.85 min Scan# 1823

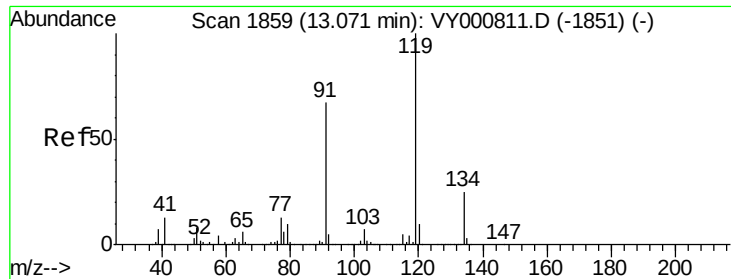
Delta R.T. -0.00 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Tgt Ion:	91	Resp:	267008
Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.3	51.9





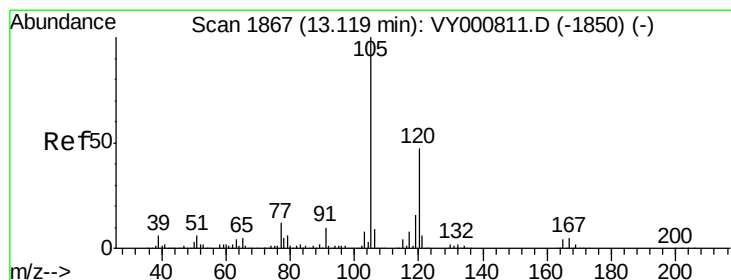
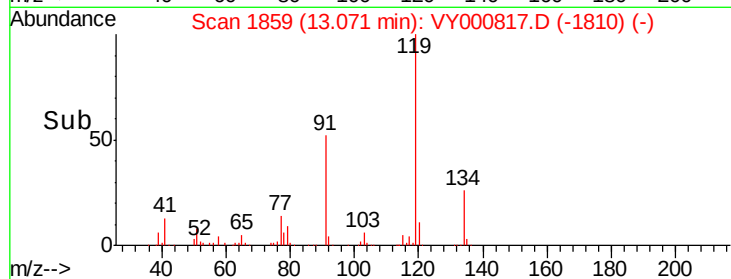
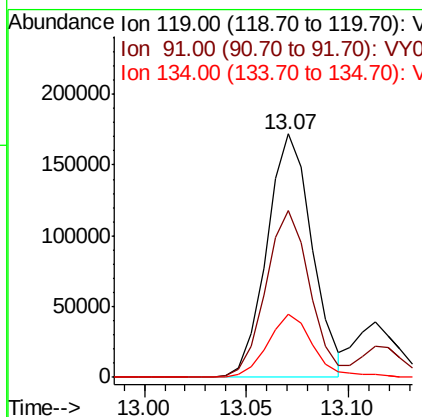
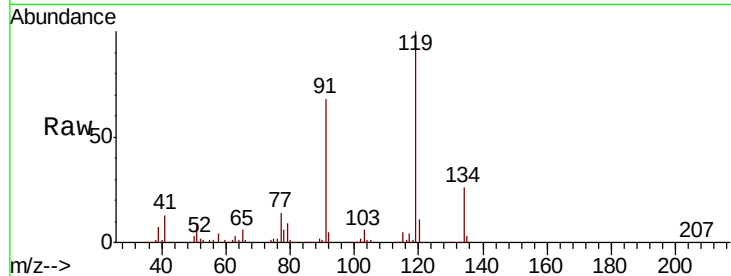
#83
 tert-Butylbenzene
 Concen: 19.622 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	265360		
91	67.9	32.3	96.8	
134	26.2	12.9	38.7	

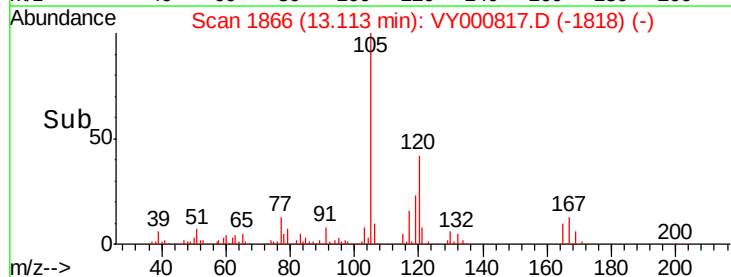
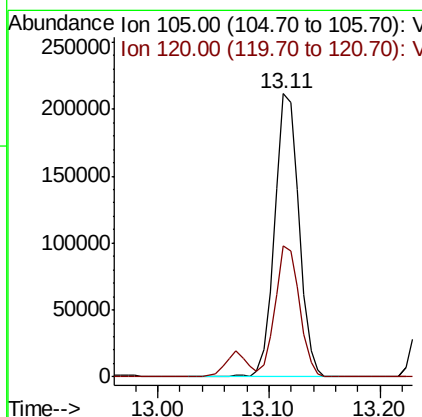
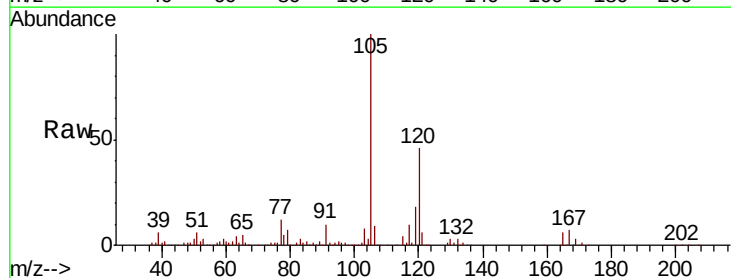
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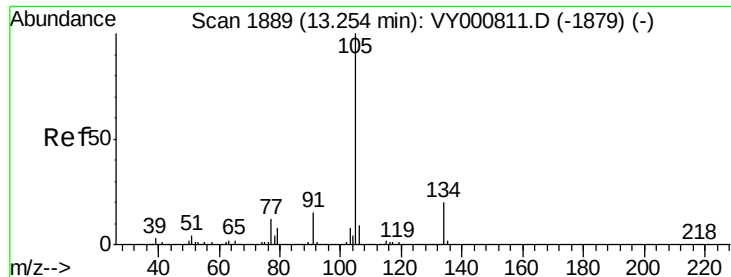
MMDadoda
 12/2/2019 11:37:05 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.928 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	320713		
120	46.2	22.6	67.8	





#85

sec-Butylbenzene

Concen: 19.964 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion:105 Resp: 392661

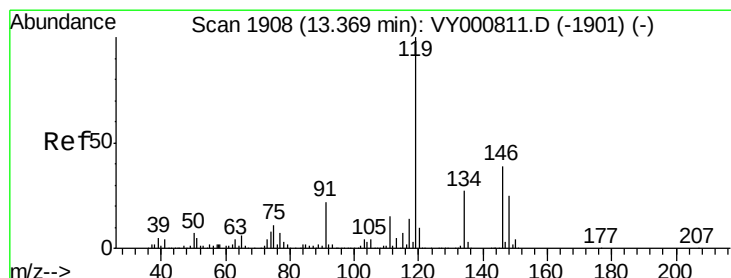
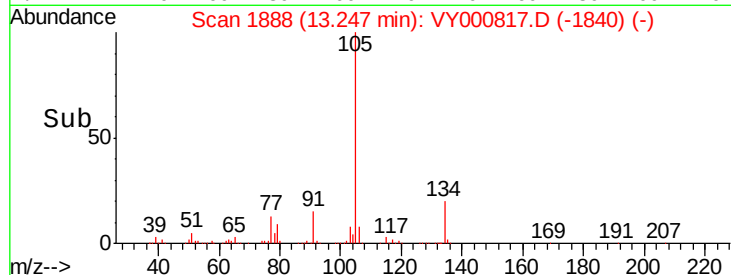
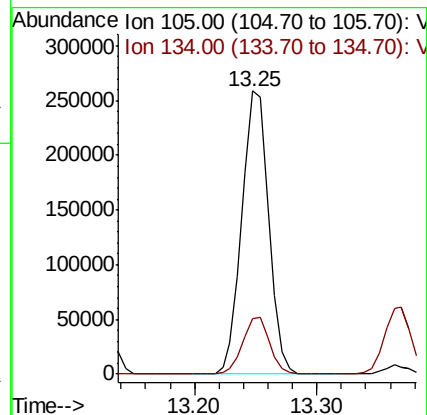
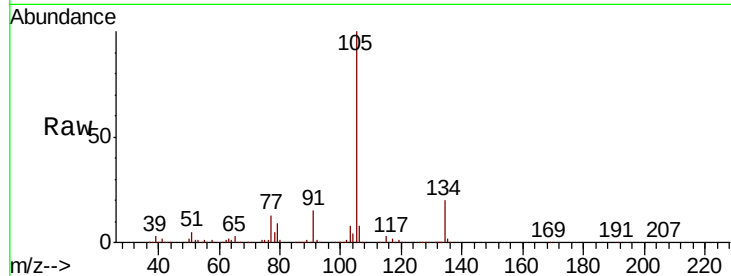
Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 19.958 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000817.D

Acq: 27 Nov 2019 14:33

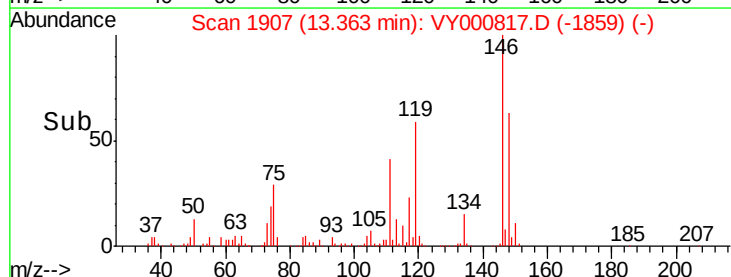
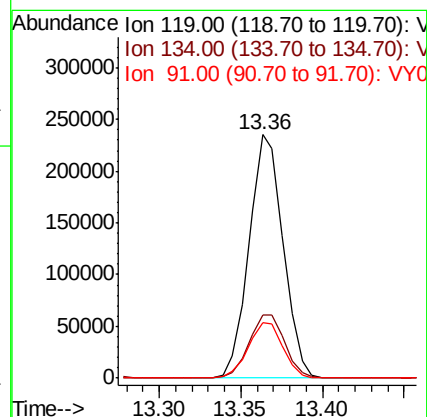
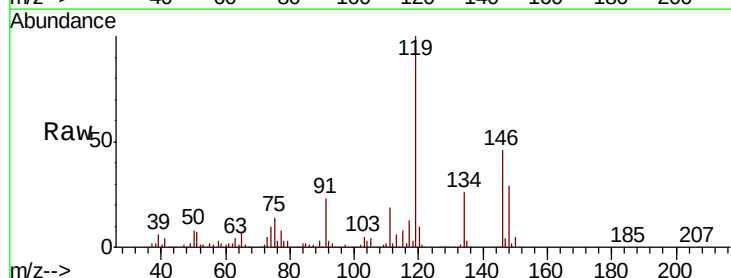
Tgt Ion:119 Resp: 341419

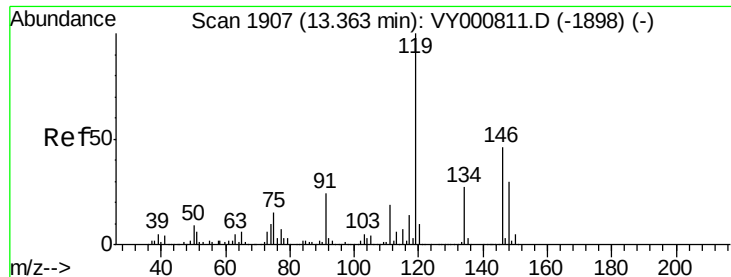
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

91 23.5 11.5 34.5





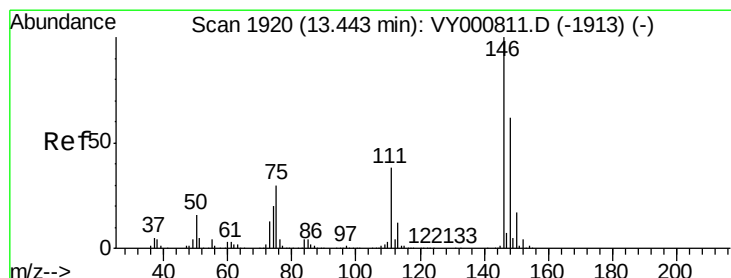
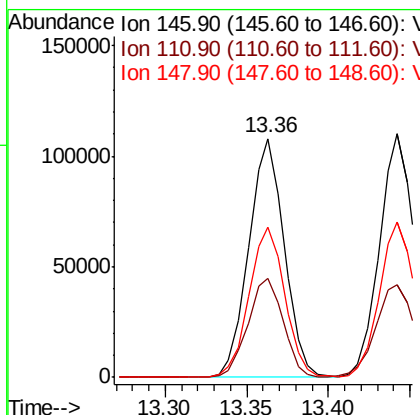
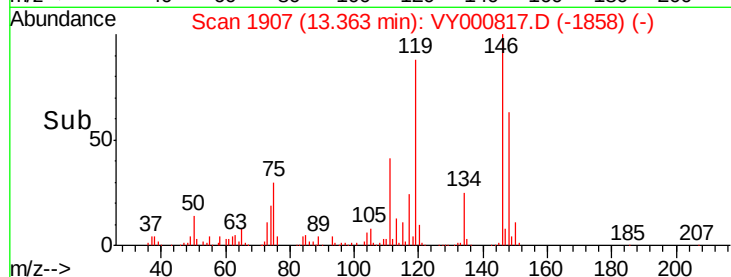
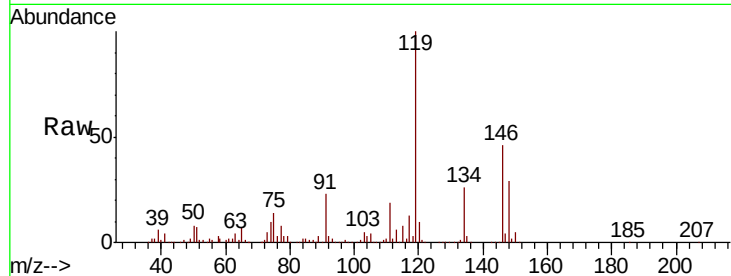
#87
 1,3-Dichlorobenzene
 Concen: 19.839 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	163897		
111	41.3	20.0	60.0	
148	63.1	32.1	96.5	

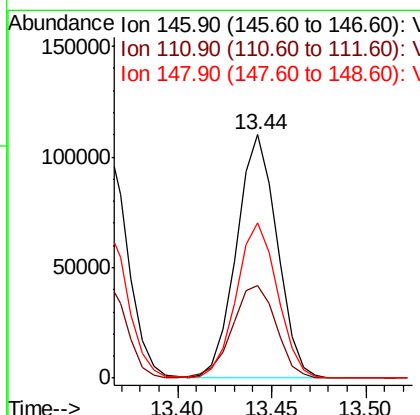
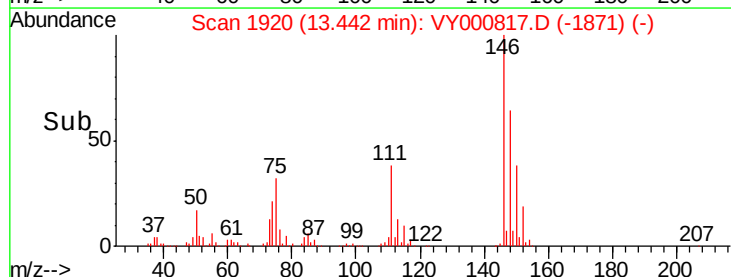
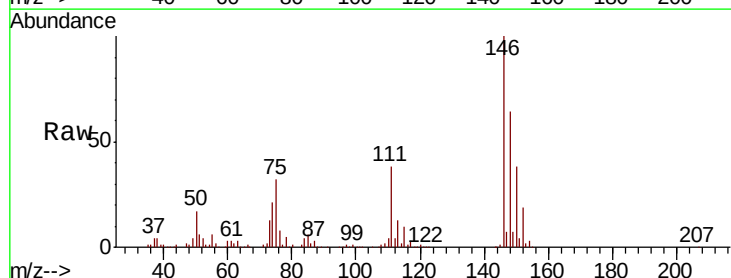
Manual Integrations
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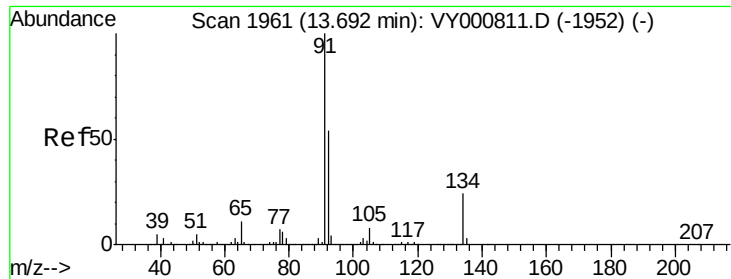
MMDadoda
 12/2/2019 11:37:05 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.123 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	164605		
111	41.1	20.0	59.9	
148	64.5	31.7	95.1	





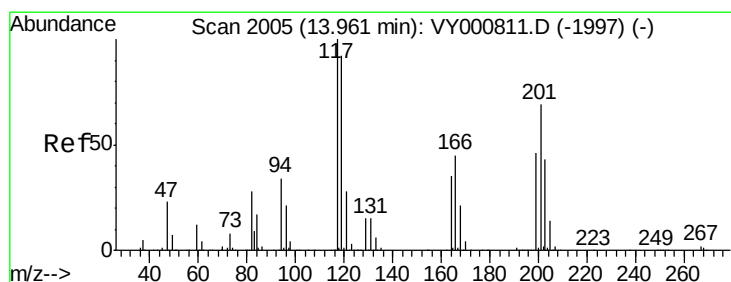
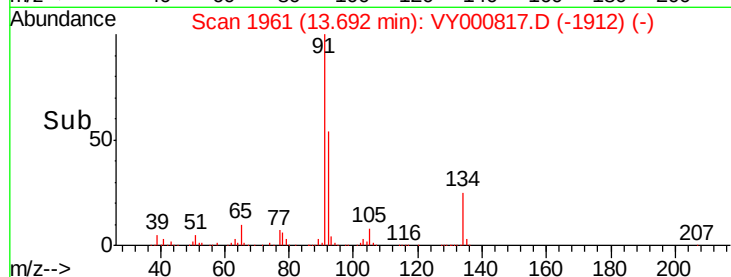
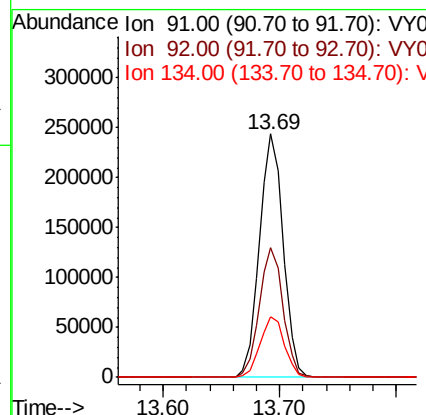
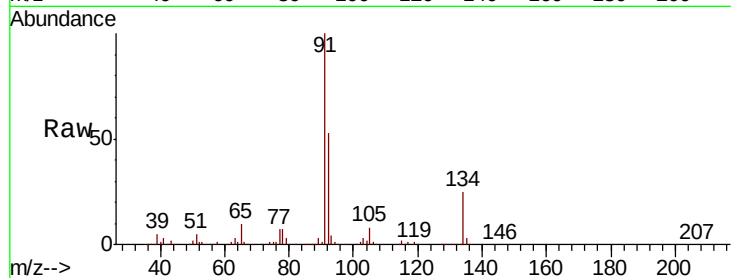
#89
n-Butylbenzene
Concen: 20.110 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.7
134	25.7	12.6	37.6

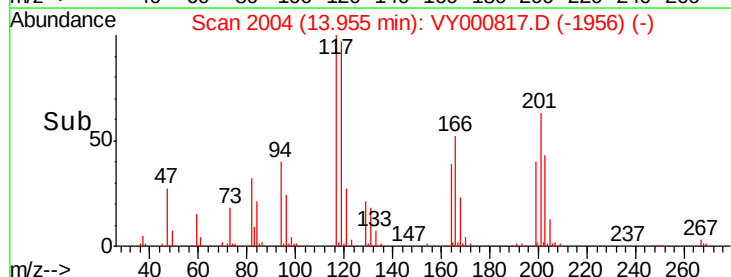
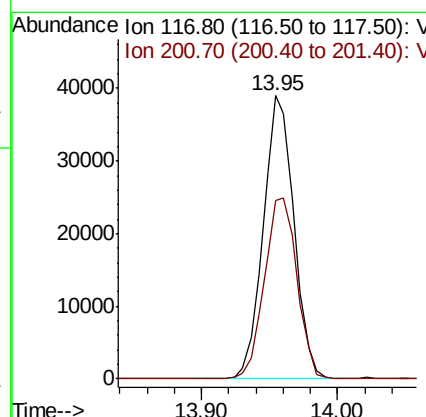
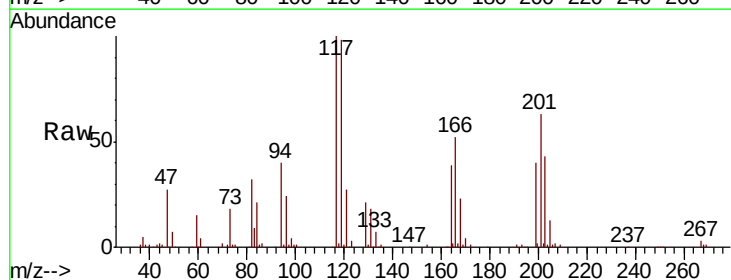
Manual Integrations
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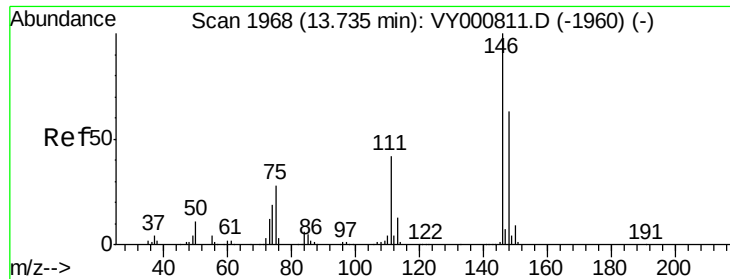
MMDadoda
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#90
Hexachloroethane
Concen: 19.524 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.0	102.0





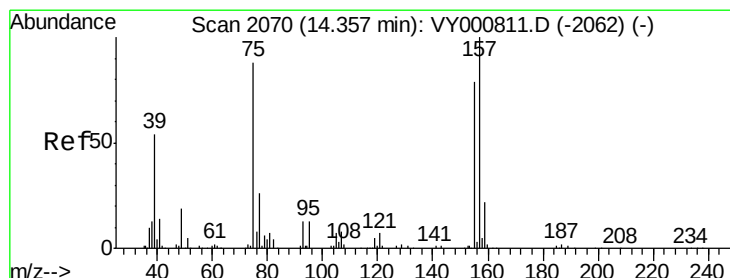
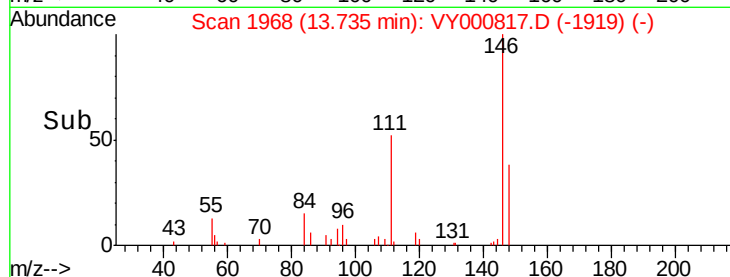
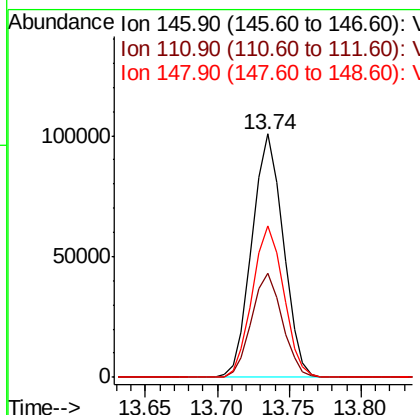
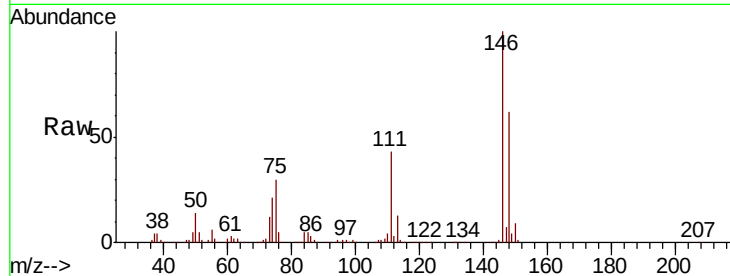
#91
 1,2-Dichlorobenzene
 Concen: 20.363 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.9	62.7
148	62.5	32.1	96.3

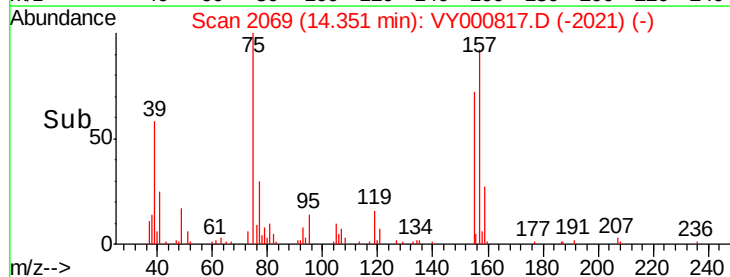
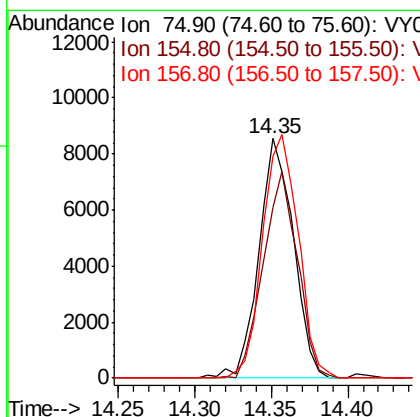
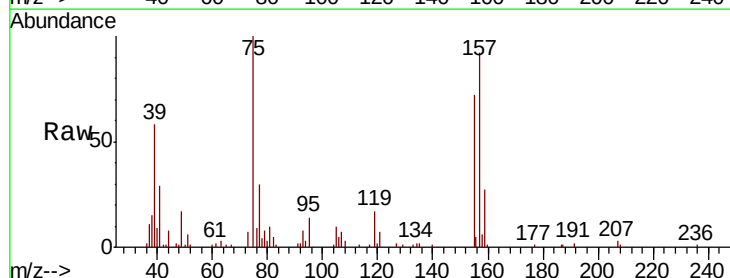
Manual Integrations
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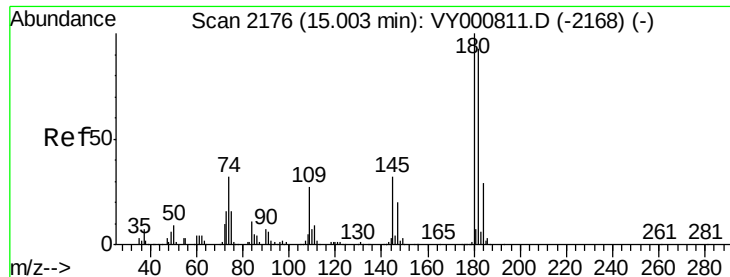
MMDadoda
 12/2/2019 11:37:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.970 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	44.3	132.9
157	105.3	56.3	168.9





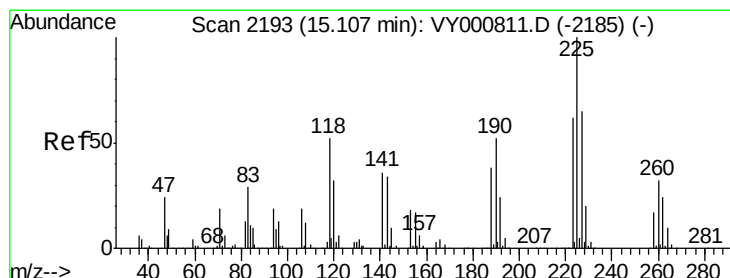
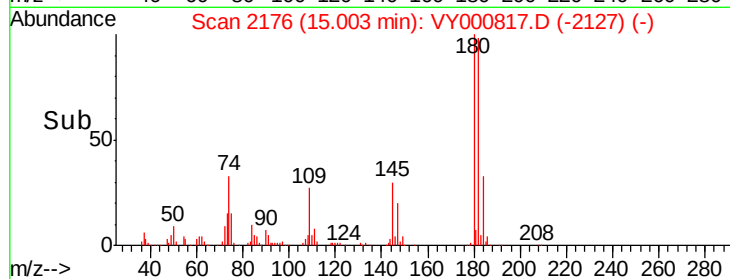
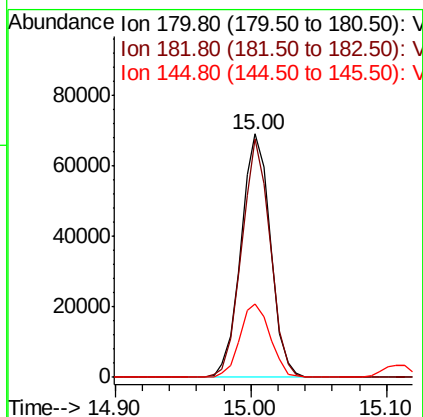
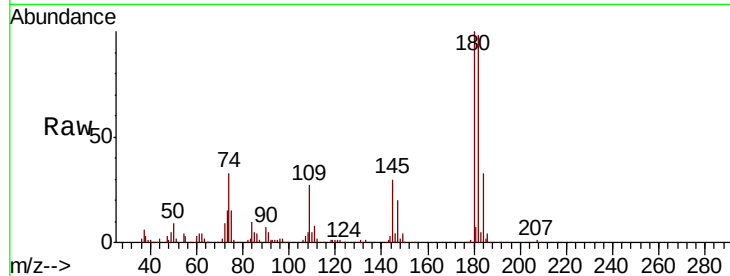
#93
 1,2,4-Trichlorobenzene
 Concen: 20.744 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion:	180	Resp:	104306
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.3	141.9
145	30.9	16.0	47.9

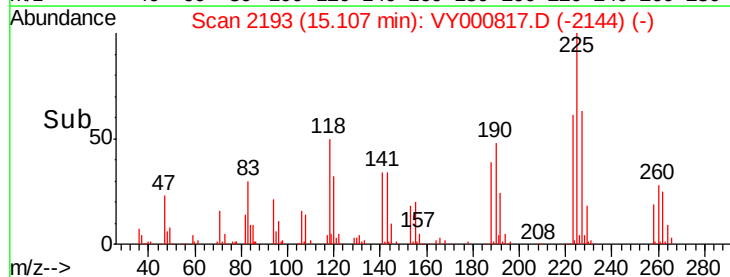
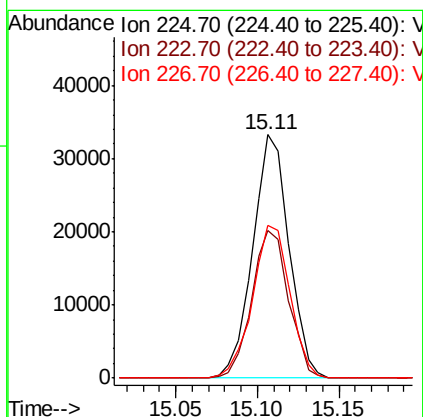
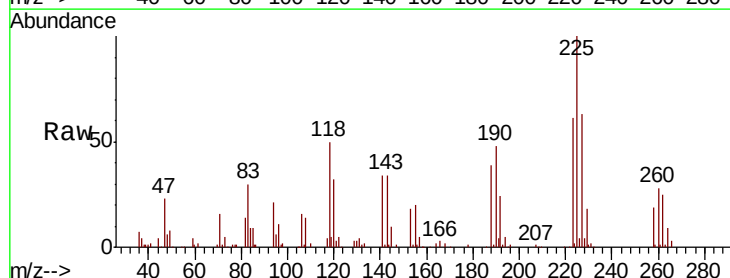
Manual Integrations
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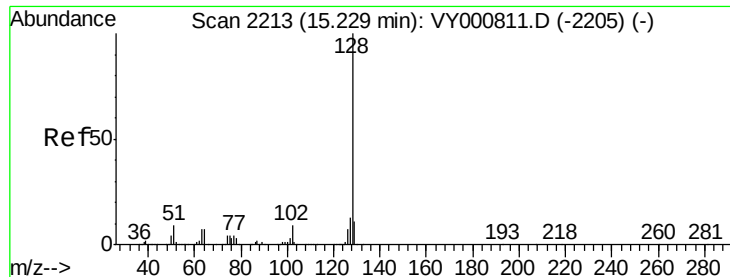
MMDadoda
 12/2/2019 11:37:05 AM



#94
 Hexachlorobutadiene
 Concen: 20.631 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000817.D
 Acq: 27 Nov 2019 14:33

Tgt Ion:	225	Resp:	51432
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.4	94.3
227	64.7	31.8	95.3





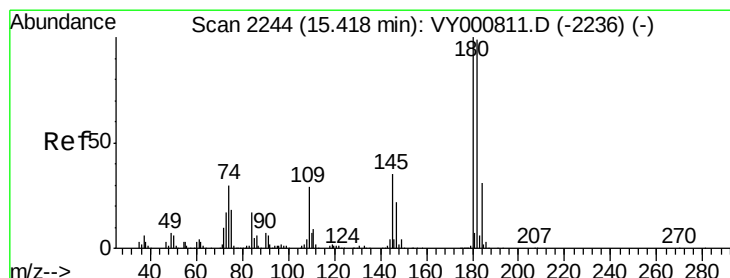
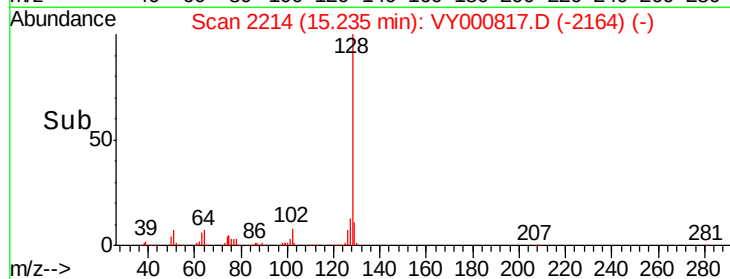
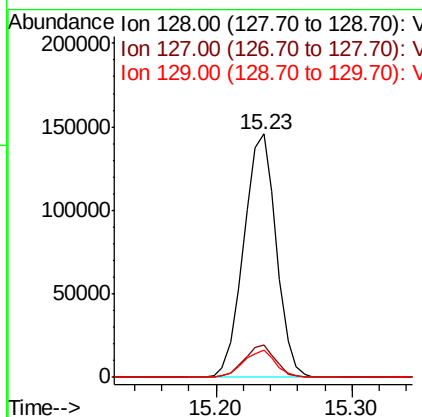
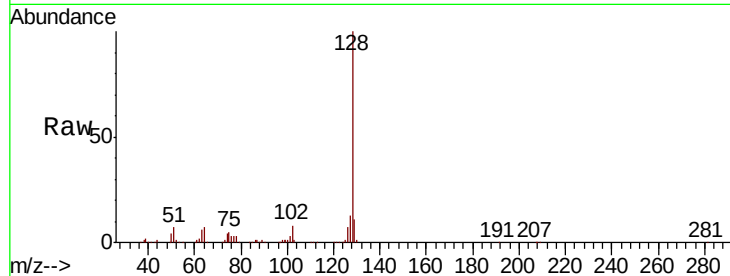
#95
Naphthalene
Concen: 20.824 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/2/2019 11:37:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.535 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000817.D
Acq: 27 Nov 2019 14:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.0
145	32.5	16.9	50.6

