

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000223.D
 Acq On : 08 Oct 2019 14:29
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:23 AM

Quant Time: Oct 08 15:00:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 08 14:14:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	299770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	512259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	456916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	211417	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	376246	130.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	261.92%	
35) Dibromofluoromethane	7.73	113	313072	106.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.86%	
50) Toluene-d8	10.19	98	1256210	115.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	231.56%	
62) 4-Bromofluorobenzene	12.48	95	433268	110.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	295356	129.387	ug/l	94
3) Chloromethane	2.12	50	397516	143.355	ug/l	99
4) Vinyl Chloride	2.25	62	414981	137.781	ug/l	98
5) Bromomethane	2.61	94	142361	58.772	ug/l	99
6) Chloroethane	2.77	64	261932	135.370	ug/l	92
7) Trichlorofluoromethane	3.12	101	527223	124.191	ug/l	94
8) Diethyl Ether	3.53	74	240025	145.586	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.90	101	315085	126.063	ug/l	92
10) Methyl Iodide	4.09	142	501342	149.376	ug/l	97
11) Tert butyl alcohol	4.99	59	1020235	705.689	ug/l	100
12) 1,1-Dichloroethene	3.86	96	335160	130.820	ug/l	84
13) Acrolein	3.73	56	584257	1029.074	ug/l	99
14) Allyl chloride	4.47	41	607288m	159.080	ug/l	
15) Acrylonitrile	5.18	53	1985078	836.414	ug/l	100
16) Acetone	3.96	43	1646366	868.738	ug/l	98
17) Carbon Disulfide	4.19	76	1004851	142.950	ug/l	100
18) Methyl Acetate	4.48	43	895950	172.929	ug/l	91
19) Methyl tert-butyl Ether	5.23	73	1267895	153.463	ug/l	96
20) Methylene Chloride	4.72	84	384459	130.884	ug/l	89
21) trans-1,2-Dichloroethene	5.22	96	383099	143.810	ug/l	94
22) Diisopropyl ether	6.13	45	1361119	179.208	ug/l	94
23) Vinyl Acetate	6.07	43	6327328	894.169	ug/l	95
24) 1,1-Dichloroethane	6.03	63	677823	156.833	ug/l	93
25) 2-Butanone	7.00	43	3047666	892.837	ug/l	96
26) 2,2-Dichloropropane	6.99	77	566448	132.833	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	437555	137.830	ug/l	89
28) Bromochloromethane	7.35	49	217562	176.407	ug/l	83
29) Tetrahydrofuran	7.36	42	2102163	888.523	ug/l	93
30) Chloroform	7.52	83	687084	140.949	ug/l	99
31) Cyclohexane	7.79	56	644230	126.703	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	582818	136.205	ug/l	98
36) 1,1-Dichloropropene	7.93	75	517752	126.017	ug/l	96
37) Ethyl Acetate	7.09	43	958994	148.884	ug/l	98
38) Carbon Tetrachloride	7.91	117	507418	114.814	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	658178	120.375	ug/l	91
40) Benzene	8.17	78	1614738	131.214	ug/l	100
41) Methacrylonitrile	7.35	41	738716m	91.874	ug/l	
42) 1,2-Dichloroethane	8.25	62	516639	129.240	ug/l	96
43) Isopropyl Acetate	8.28	43	1247394	149.478	ug/l	97
44) Trichloroethene	8.95	130	406332	102.839	ug/l	93
45) 1,2-Dichloropropane	9.22	63	407821	135.980	ug/l	100
46) Dibromomethane	9.32	93	276647	124.089	ug/l	88
47) Bromodichloromethane	9.50	83	546564	129.207	ug/l	98
48) Methyl methacrylate	9.30	41	553129	154.272	ug/l	93
49) 1,4-Dioxane	9.30	88	292993	2607.749	ug/l	90
51) 4-Methyl-2-Pentanone	10.08	43	4460608	722.735	ug/l	100
52) Toluene	10.25	92	1034888	128.460	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	649563	136.728	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	692098	136.017	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	402879	121.898	ug/l	95
56) Ethyl methacrylate	10.52	69	731593	145.501	ug/l	95
57) 1,3-Dichloropropane	10.80	76	683364	130.147	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	2090117	730.763	ug/l	89
59) 2-Hexanone	10.84	43	3823233	728.609	ug/l	99
60) Dibromochloromethane	10.99	129	428805	116.254	ug/l	99
61) 1,2-Dibromoethane	11.09	107	433780	121.091	ug/l	99
64) Tetrachloroethene	10.72	164	375428	92.518	ug/l	93
65) Chlorobenzene	11.52	112	1031829	115.951	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	374047	112.114	ug/l	97
67) Ethyl Benzene	11.60	91	1929320	125.592	ug/l	96
68) m/p-Xylenes	11.70	106	1458194	240.740	ug/l	94
69) o-Xylene	12.03	106	699787	117.364	ug/l	94
70) Styrene	12.05	104	1227315	124.330	ug/l	97
71) Bromoform	12.21	173	320951	109.145	ug/l #	100
73) Isopropylbenzene	12.33	105	1849775	131.188	ug/l	97
74) N-amyl acetate	12.14	43	937685	171.789	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	631915	140.911	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	557613m	91.501	ug/l	
77) Bromobenzene	12.61	156	409521	110.752	ug/l	75
78) n-propylbenzene	12.67	91	2175064	135.466	ug/l	95
79) 2-Chlorotoluene	12.75	91	1220566	134.456	ug/l	93
80) 1,3,5-Trimethylbenzene	12.81	105	1536512	129.578	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.38	75	289573	157.929	ug/l	94
82) 4-Chlorotoluene	12.85	91	1275390	137.408	ug/l	93
83) tert-Butylbenzene	13.08	119	1294579	120.778	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	1533155	130.390	ug/l	97
85) sec-Butylbenzene	13.25	105	1836051	126.443	ug/l	95
86) p-Isopropyltoluene	13.37	119	1626062	123.282	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	766435	112.535	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	778299	113.380	ug/l	97
89) n-Butylbenzene	13.69	91	1594101	137.682	ug/l	97
90) Hexachloroethane	13.96	117	310140	124.913	ug/l	86
91) 1,2-Dichlorobenzene	13.74	146	748991	113.158	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	206498	141.235	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	509163	106.992	ug/l	98
94) Hexachlorobutadiene	15.11	225	234133	92.063	ug/l	98
95) Naphthalene	15.23	128	2048771	127.383	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	509643	107.314	ug/l	97

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

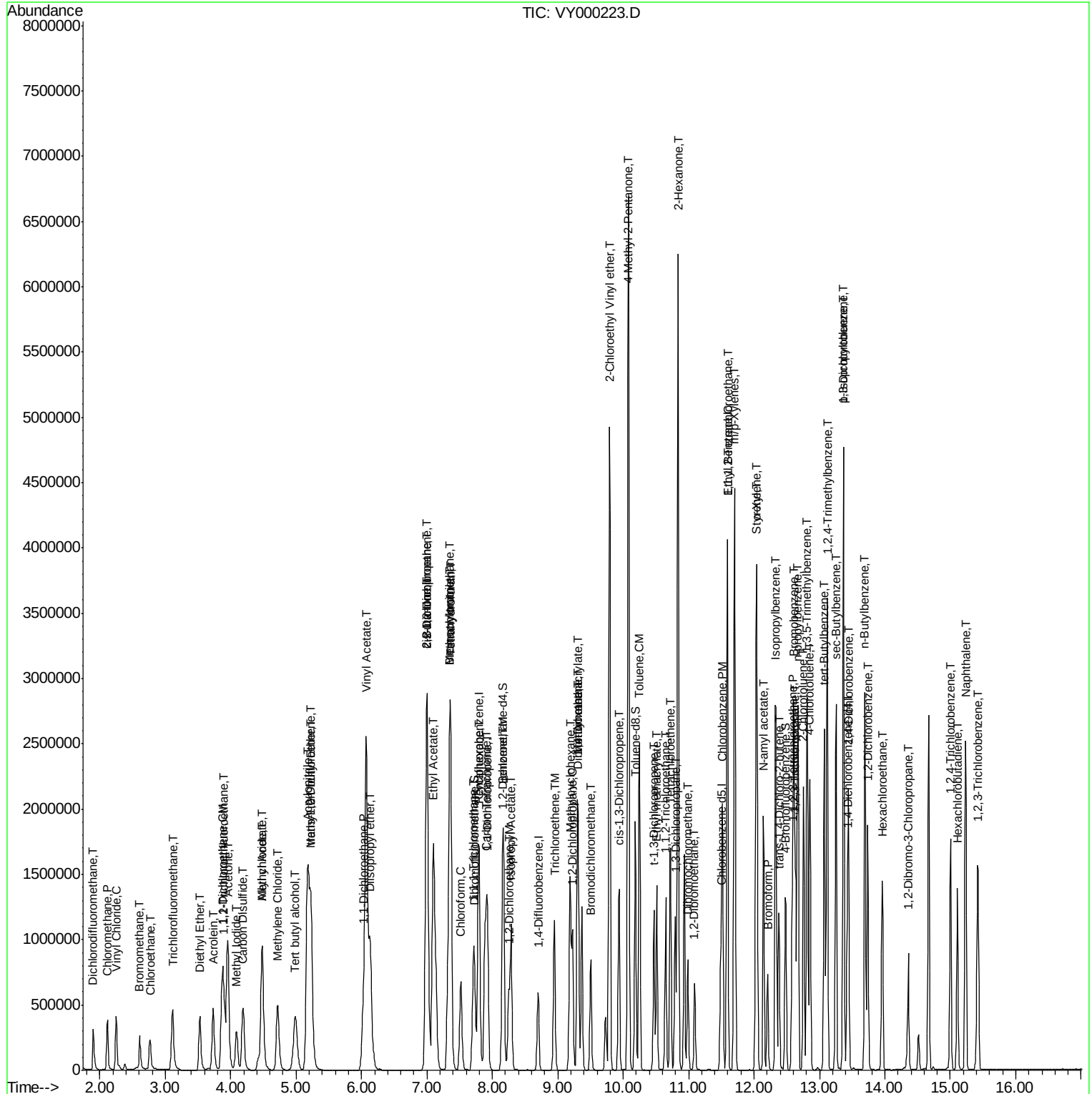
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
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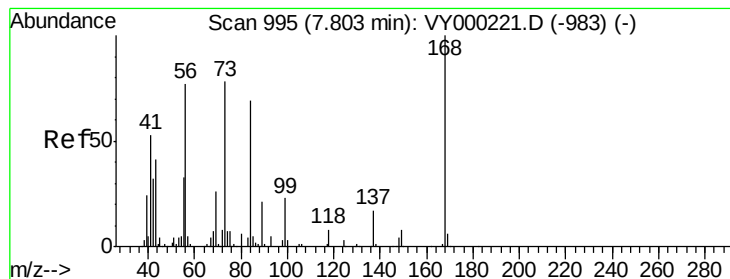
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion:168 Resp: 299770

Ion Ratio Lower Upper

168 100

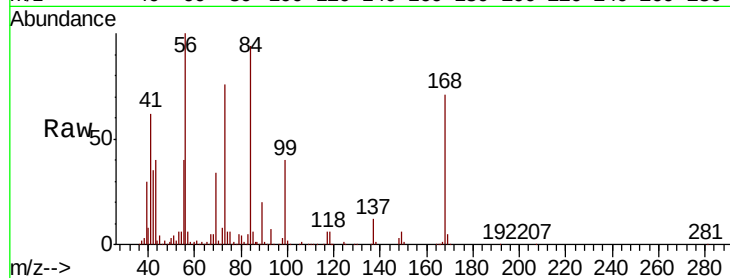
99 55.5 37.8 56.6

Manual Integrations

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10/10/2019 12:52:23 AM



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

150000

100000

50000

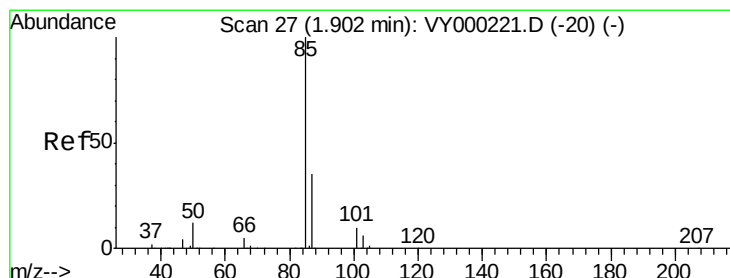
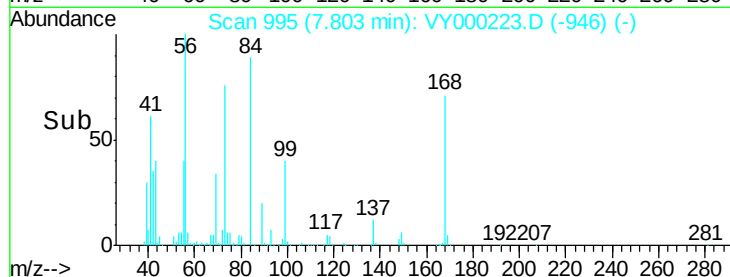
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 129.387 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000223.D

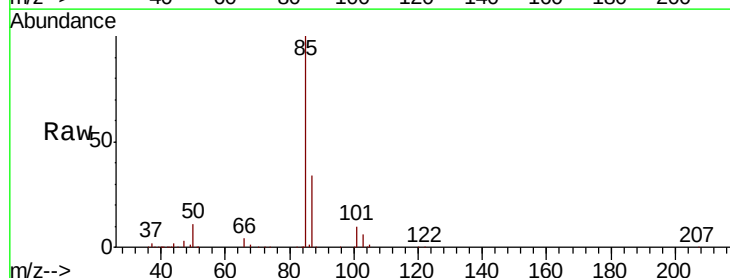
Acq: 08 Oct 2019 14:29

Tgt Ion: 85 Resp: 295356

Ion Ratio Lower Upper

85 100

87 33.9 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

200000

150000

100000

50000

0

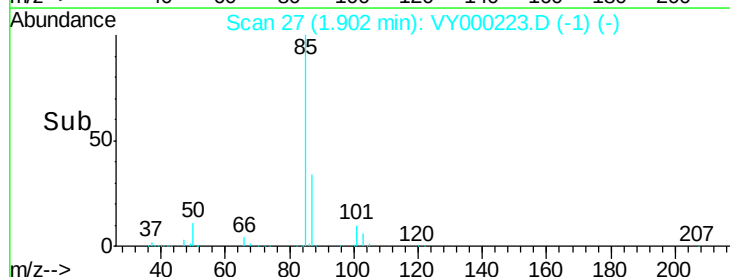
1.80

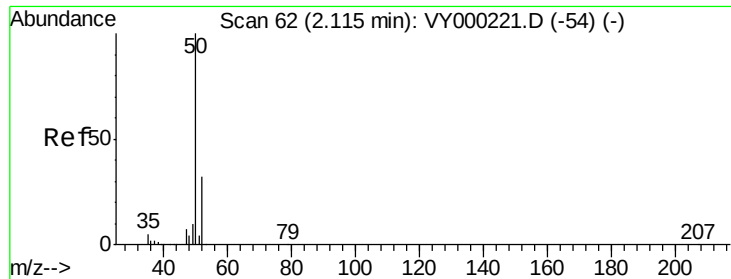
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 143.355 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion: 50 Resp: 397516

Ion Ratio Lower Upper

50 100

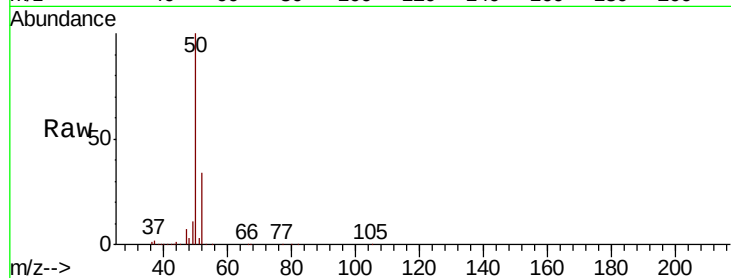
52 34.1 26.8 40.2

Manual Integrations

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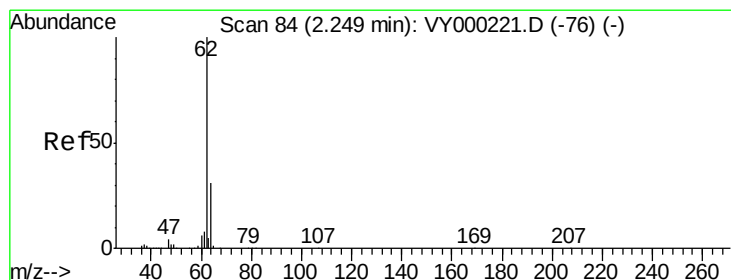
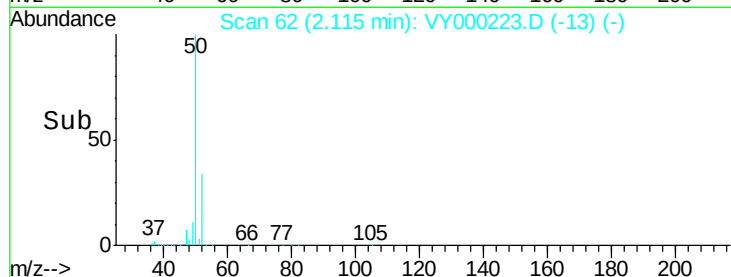
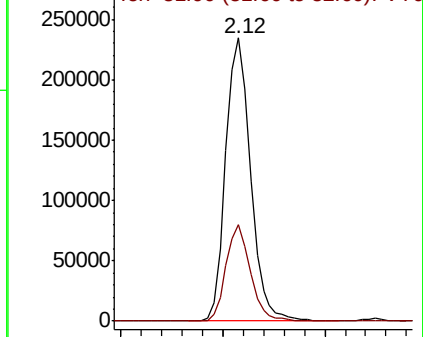
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 137.781 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000223.D

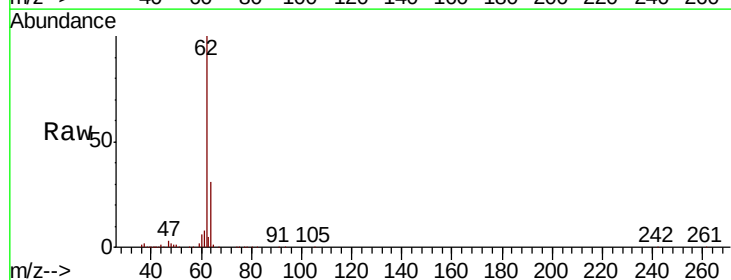
Acq: 08 Oct 2019 14:29

Tgt Ion: 62 Resp: 414981

Ion Ratio Lower Upper

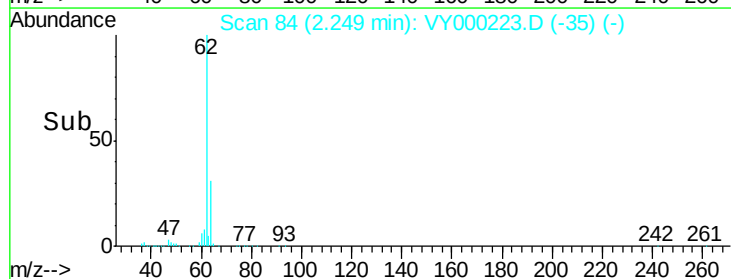
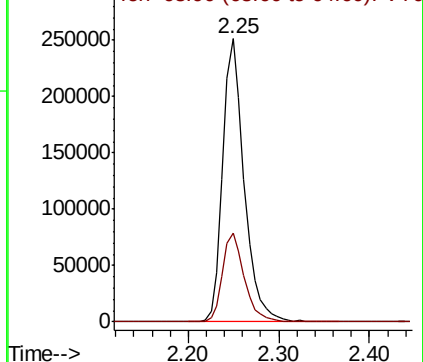
62 100

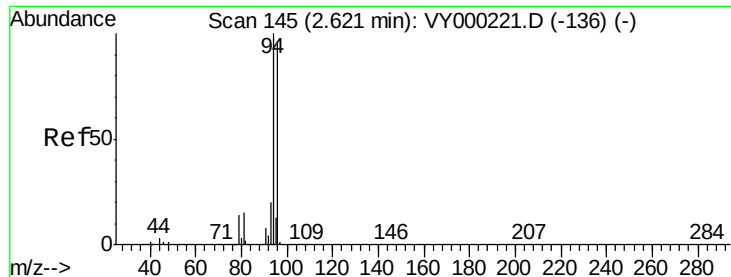
64 31.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 58.772 ug/l

RT: 2.61 min Scan# 143

Delta R.T. -0.04 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 142361

Ion Ratio Lower Upper

94 100

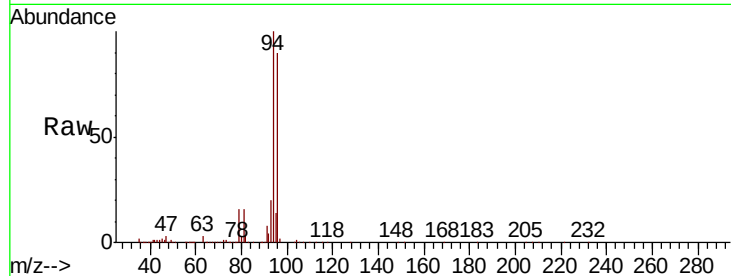
96 90.0 71.2 106.8

Manual Integrations

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10/10/2019 12:52:23 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.61

100000

80000

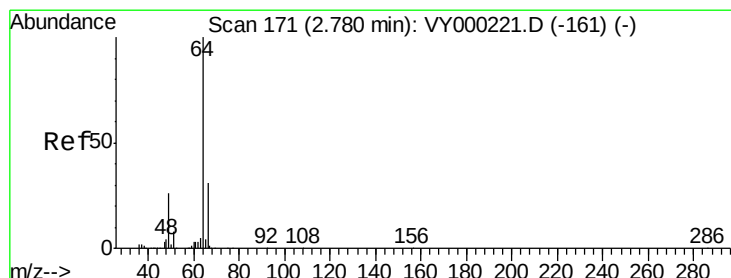
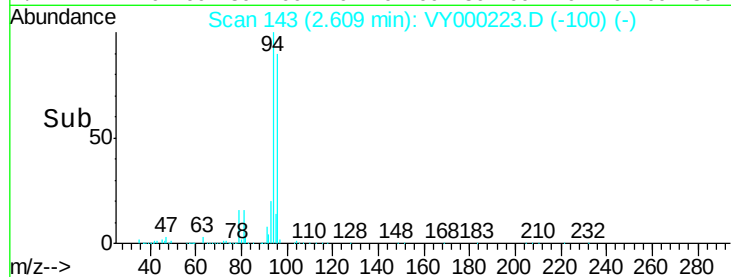
60000

40000

20000

0

Time--> 2.50 2.55 2.60 2.65 2.70



#6

Chloroethane

Concen: 135.370 ug/l

RT: 2.77 min Scan# 169

Delta R.T. -0.02 min

Lab File: VY000223.D

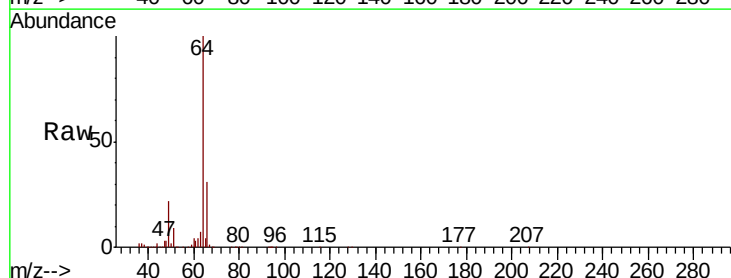
Acq: 08 Oct 2019 14:29

Tgt Ion: 64 Resp: 261932

Ion Ratio Lower Upper

64 100

66 31.2 28.6 42.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

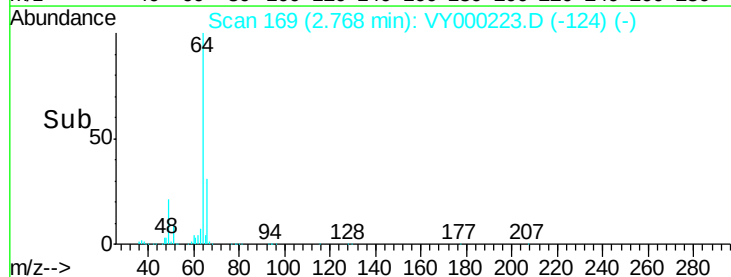
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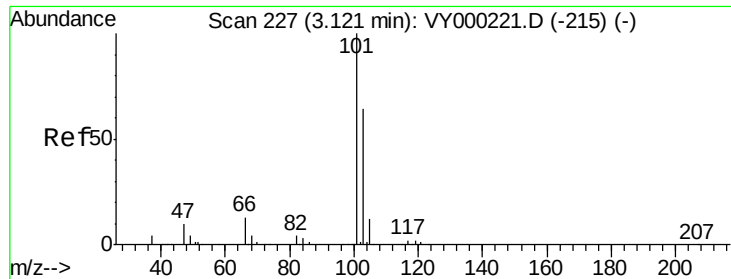
100000

50000

0

Time--> 2.60 2.70 2.80 2.90 3.00





#7

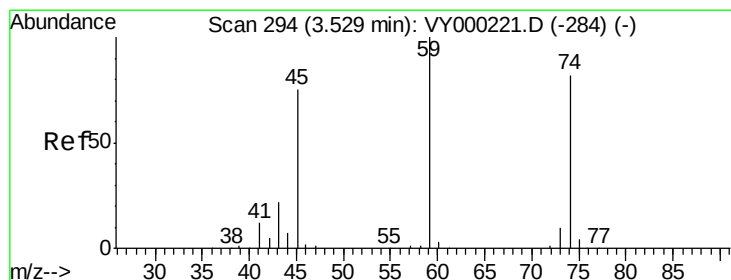
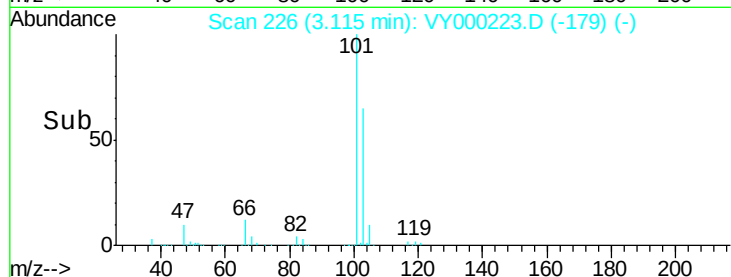
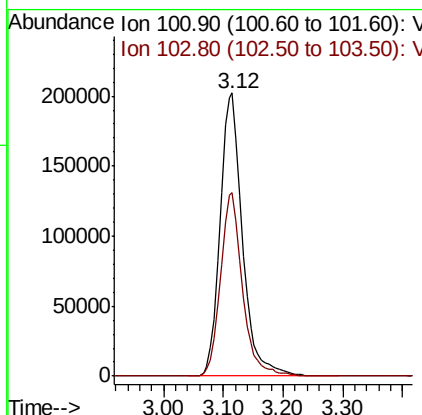
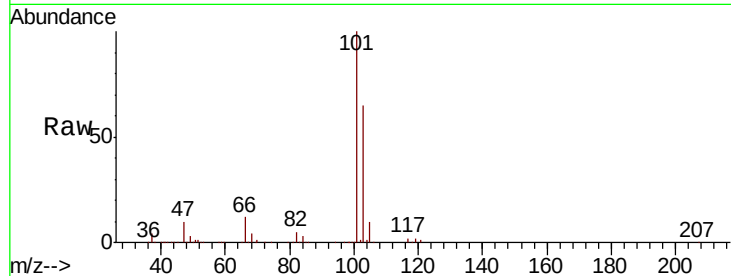
Trichlorofluoromethane
Concen: 124.191 ug/l
RT: 3.12 min Scan# 226
Delta R.T. -0.01 min
Lab File: VY000223.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	48.3	72.5

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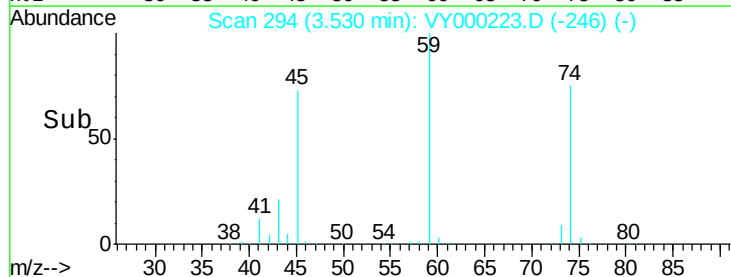
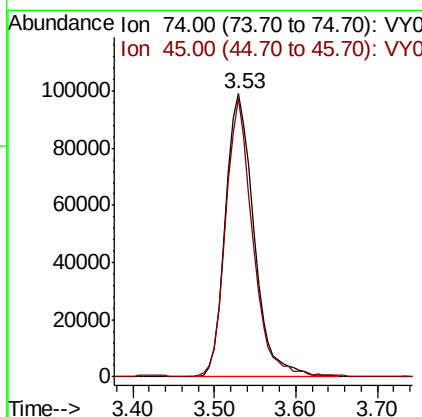
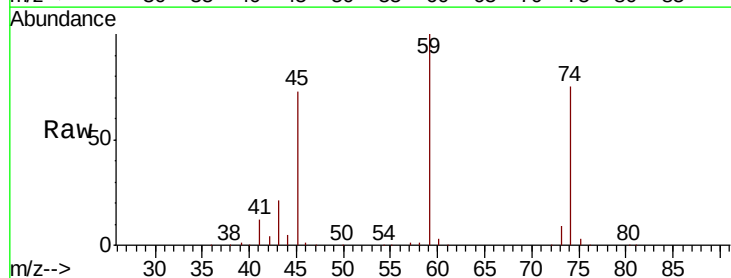
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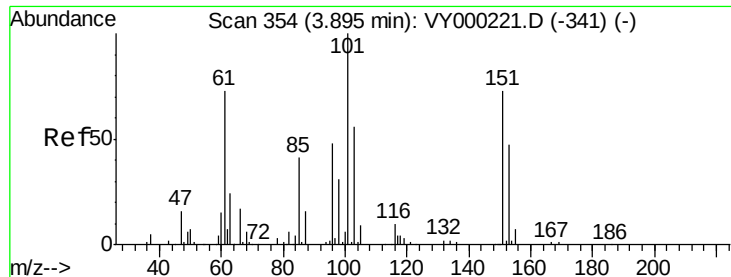


#8

Diethyl Ether
Concen: 145.586 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	40.6	121.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 126.063 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

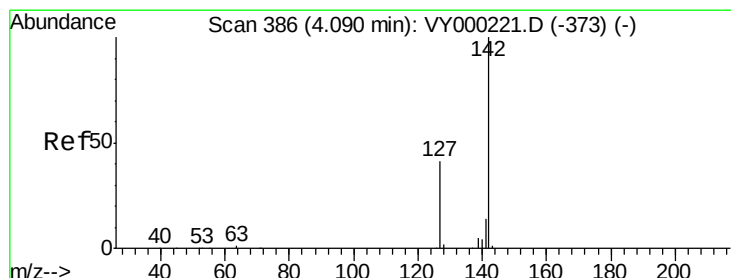
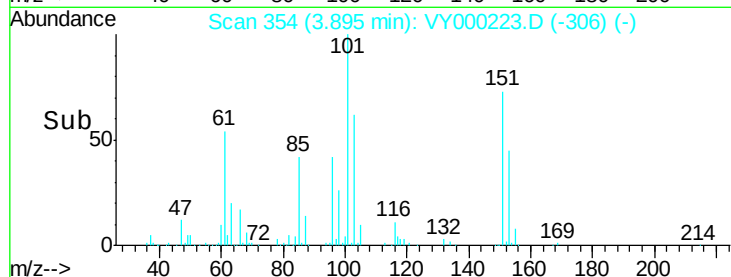
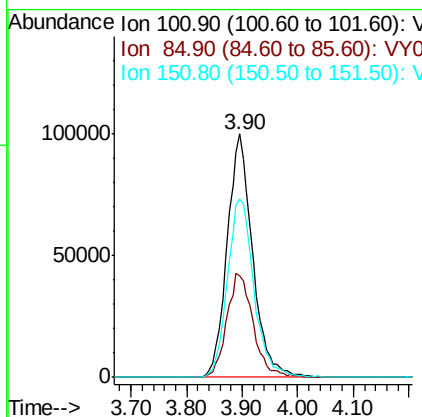
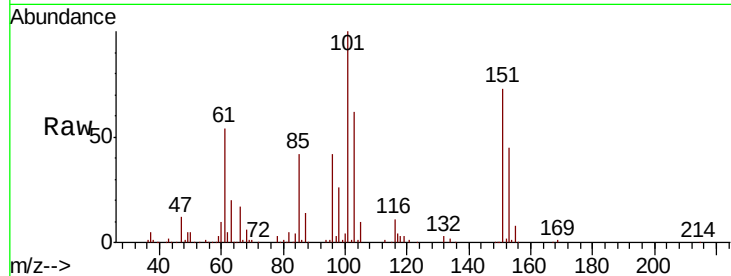
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	315085
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.6	52.0
151	76.7	69.2	103.8

Manual Integrations
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#10

Methyl Iodide

Concen: 149.376 ug/l

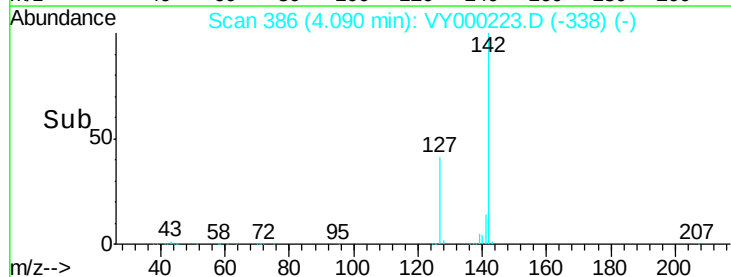
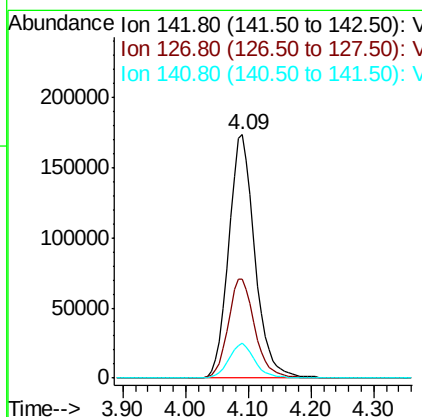
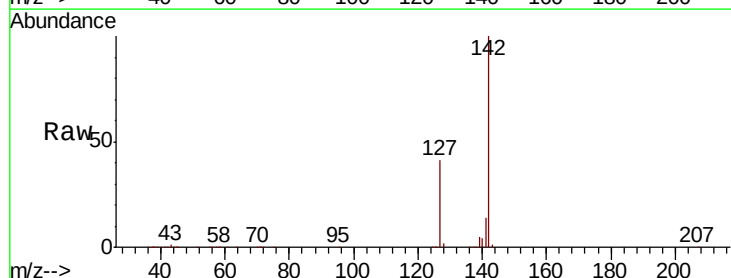
RT: 4.09 min Scan# 386

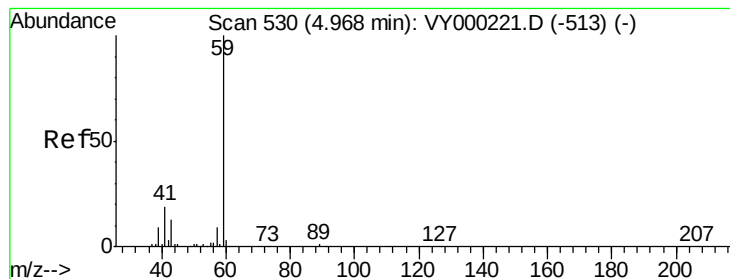
Delta R.T. -0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Tgt Ion:	142	Resp:	501342
Ion Ratio	Lower	Upper	
142	100		
127	41.3	30.8	46.2
141	14.0	11.2	16.8





#11

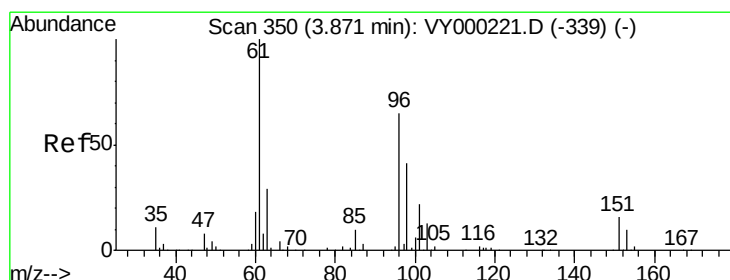
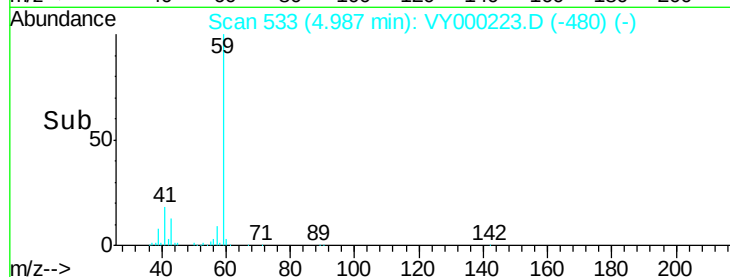
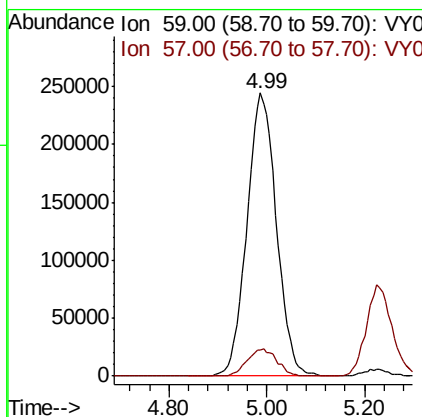
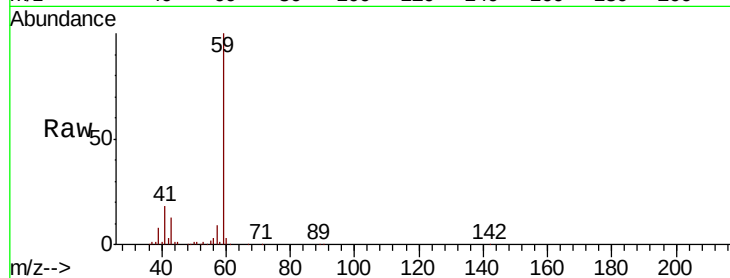
Tert butyl alcohol
Concen: 705.689 ug/l
RT: 4.99 min Scan# 533
Delta R.T. 0.02 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 59 Resp: 1020235
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.6

Manual Integrations
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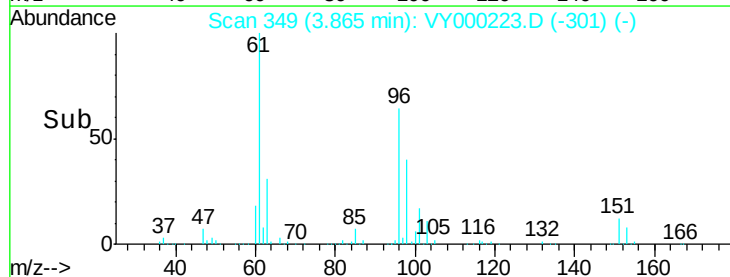
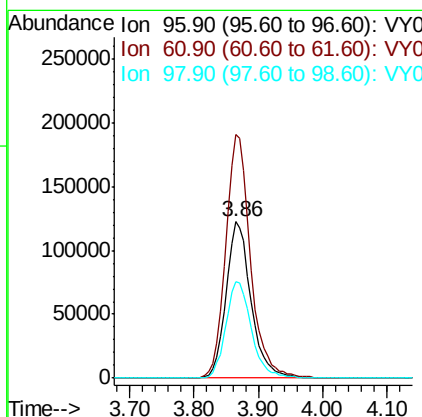
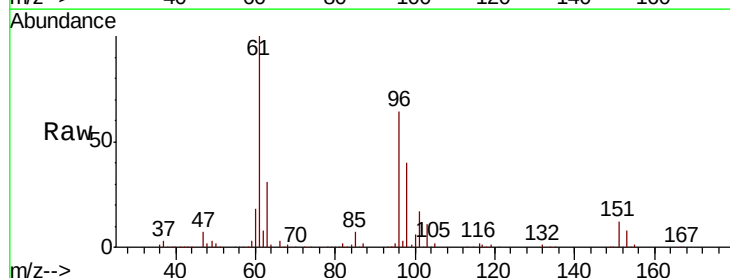
MMDadoda
10/10/2019 12:52:23 AM

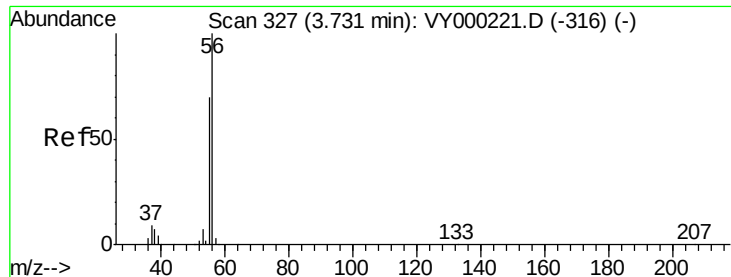


#12

1,1-Dichloroethene
Concen: 130.820 ug/l
RT: 3.86 min Scan# 349
Delta R.T. -0.01 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion: 96 Resp: 335160
Ion Ratio Lower Upper
96 100
61 155.6 105.1 157.7
98 61.9 46.9 70.3





#13

Acrolein

Concen: 1029.074 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion: 56 Resp: 584257

Ion Ratio Lower Upper

56 100

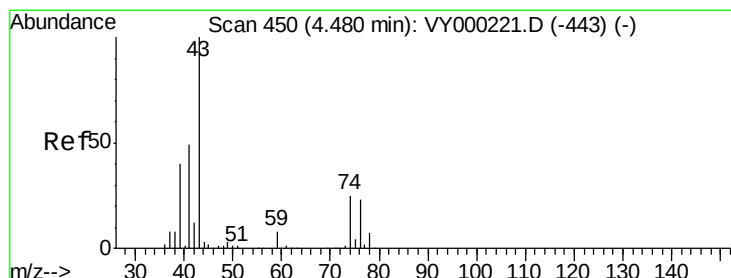
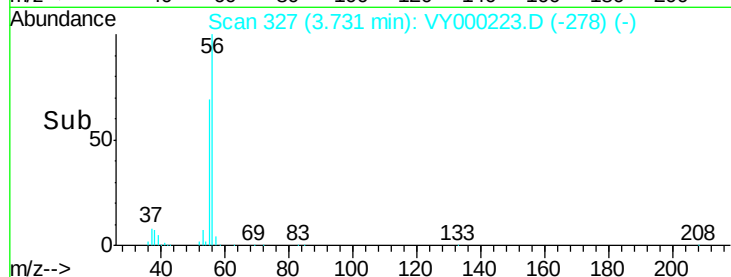
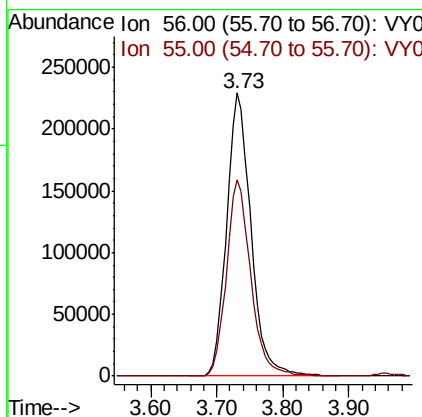
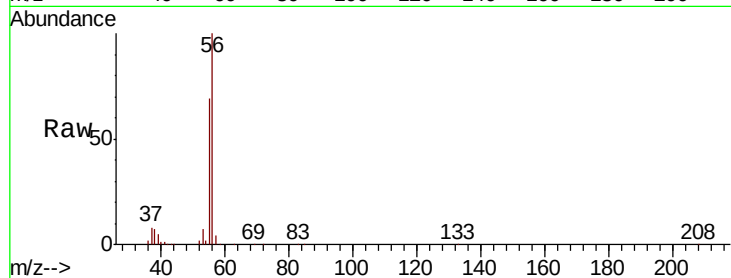
55 69.3 56.3 84.5

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 159.080 ug/l m

RT: 4.47 min Scan# 449

Delta R.T. -0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

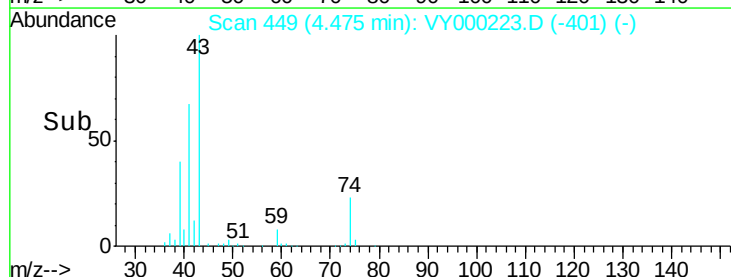
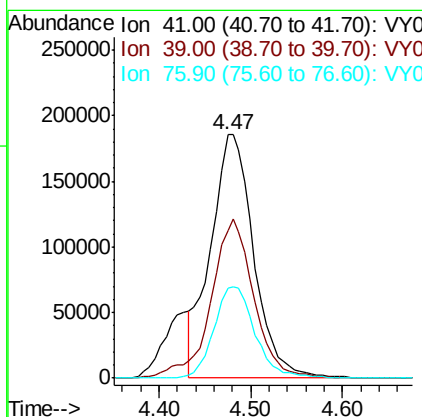
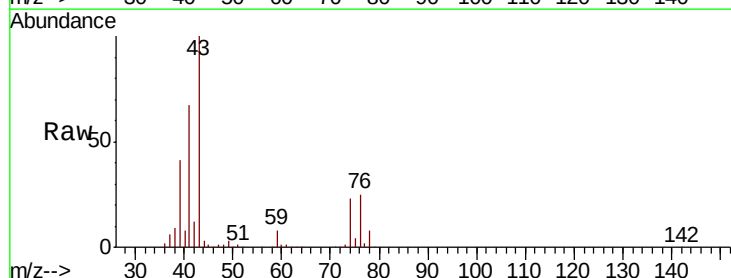
Tgt Ion: 41 Resp: 607288

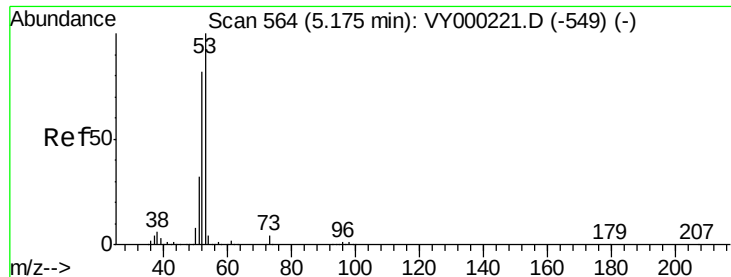
Ion Ratio Lower Upper

41 100

39 64.8 62.2 93.2

76 35.6 36.5 54.7#





#15

Acrylonitrile

Concen: 836.414 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 53 Resp: 1985078

Ion Ratio Lower Upper

53 100

52 80.7 64.6 97.0

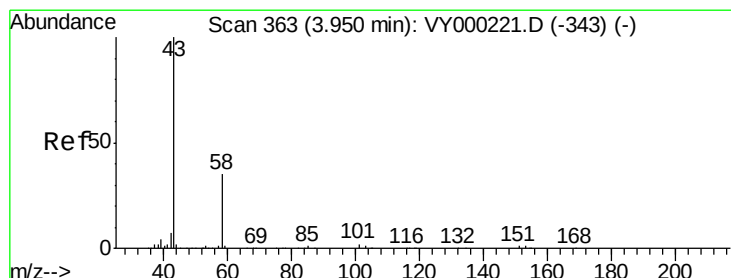
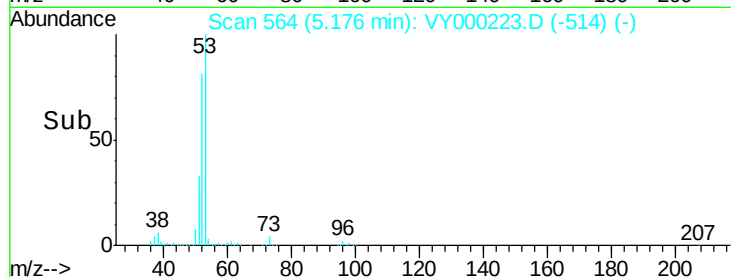
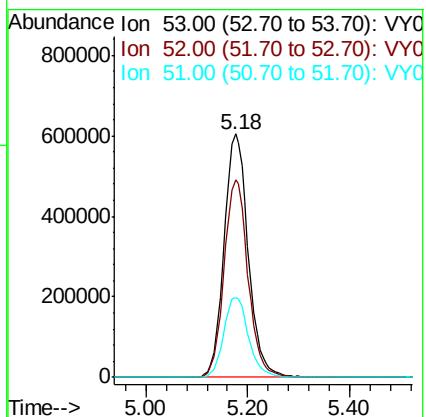
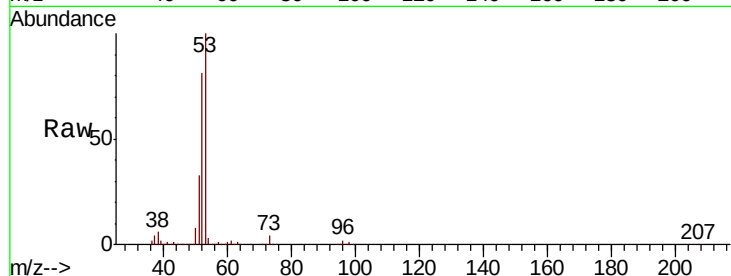
51 33.8 27.3 40.9

Manual Integrations

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#16

Acetone

Concen: 868.738 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000223.D

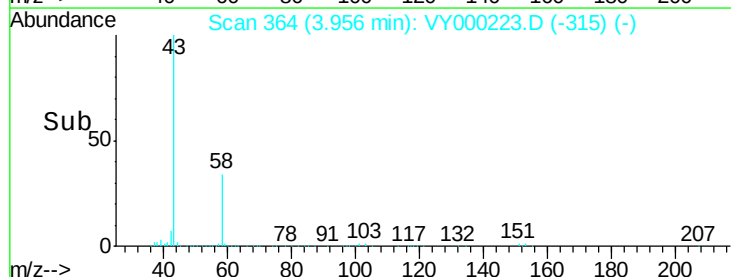
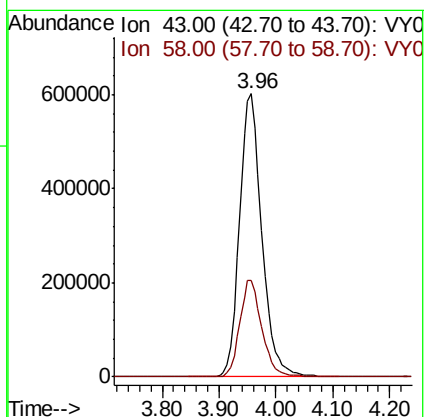
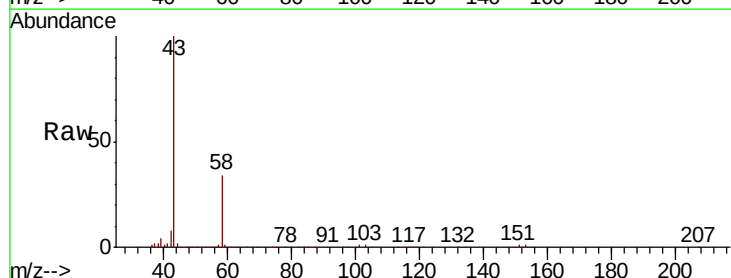
Acq: 08 Oct 2019 14:29

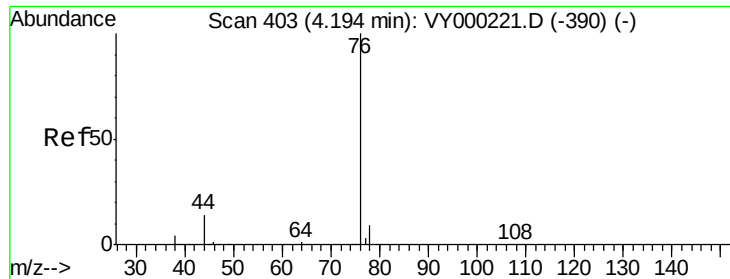
Tgt Ion: 43 Resp: 1646366

Ion Ratio Lower Upper

43 100

58 34.3 28.2 42.2





#17

Carbon Disulfide

Concen: 142.950 ug/l

RT: 4.19 min Scan# 402

Delta R.T. -0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 1004851

Ion Ratio Lower Upper

76 100

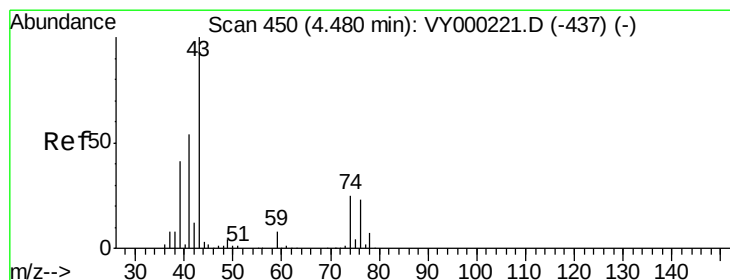
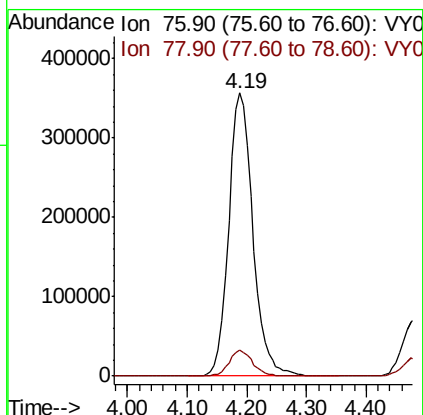
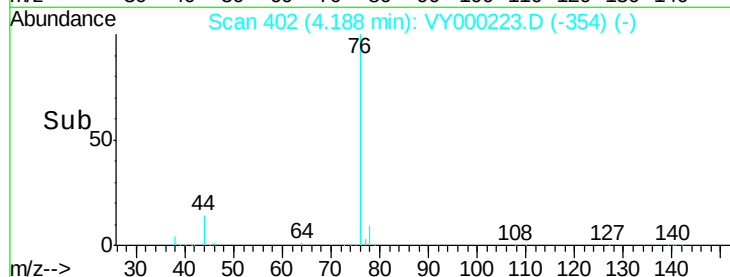
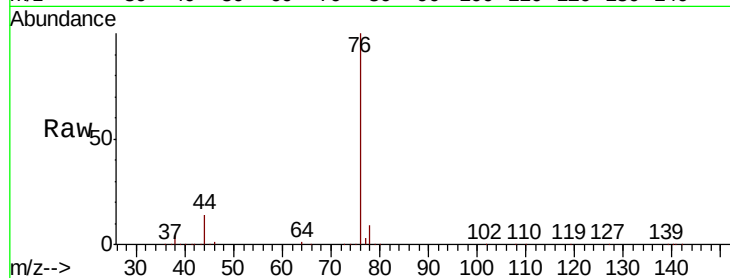
78 9.3 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 172.929 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000223.D

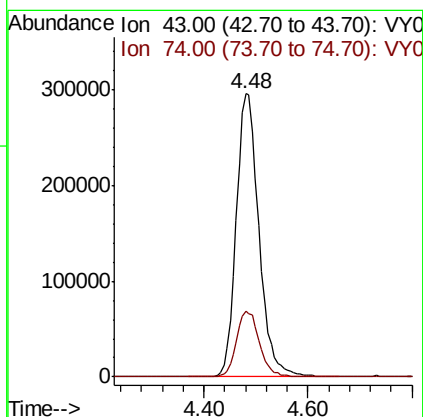
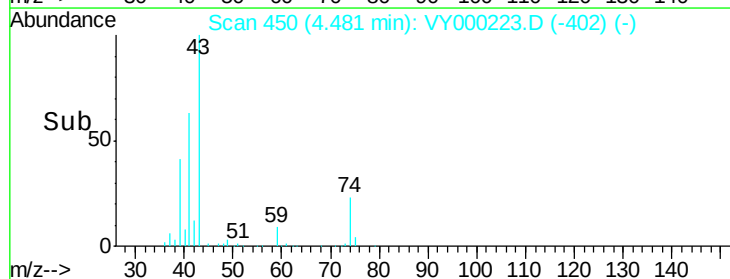
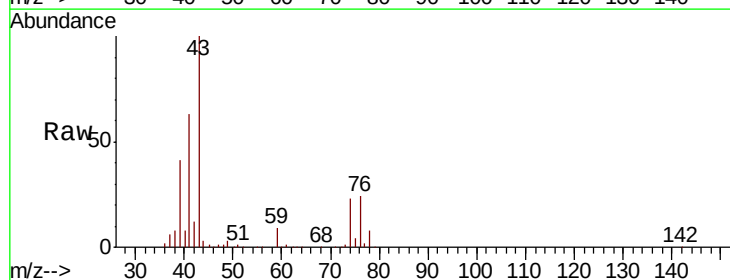
Acq: 08 Oct 2019 14:29

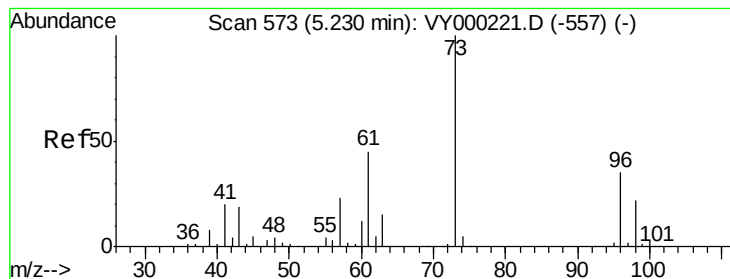
Tgt Ion: 43 Resp: 895950

Ion Ratio Lower Upper

43 100

74 23.6 22.7 34.1





#19

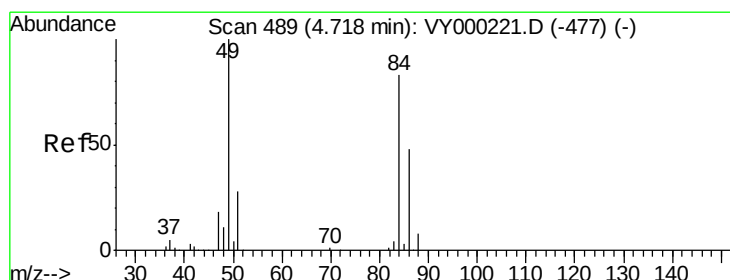
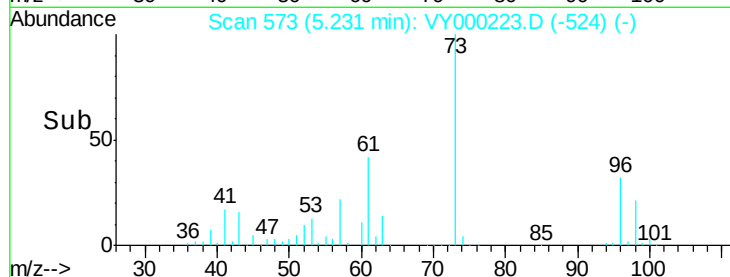
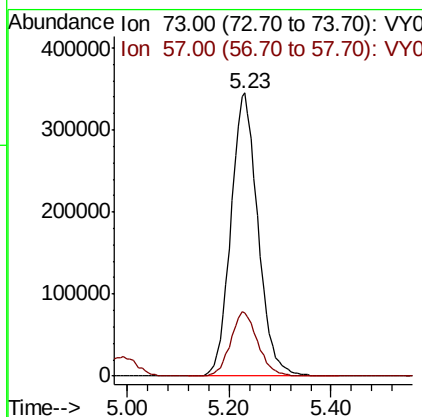
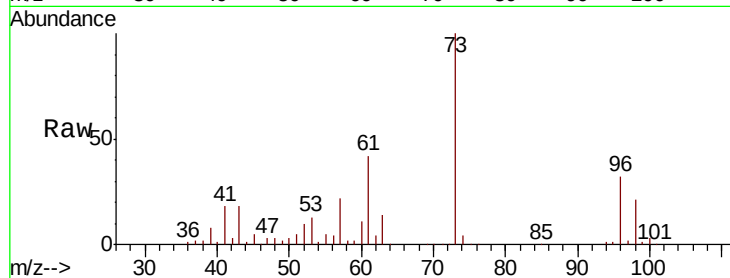
Methyl tert-butyl Ether
Concen: 153.463 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 1267895
Ion Ratio Lower Upper
73 100
57 22.4 16.3 24.5

Manual Integrations
APPROVED

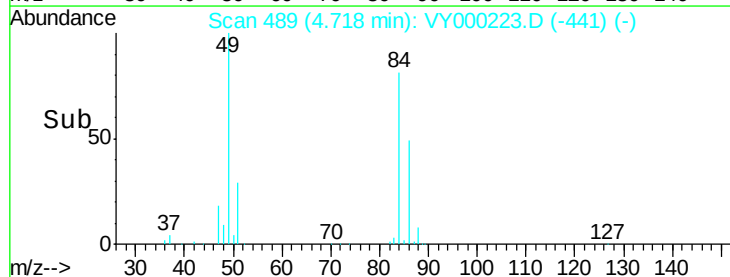
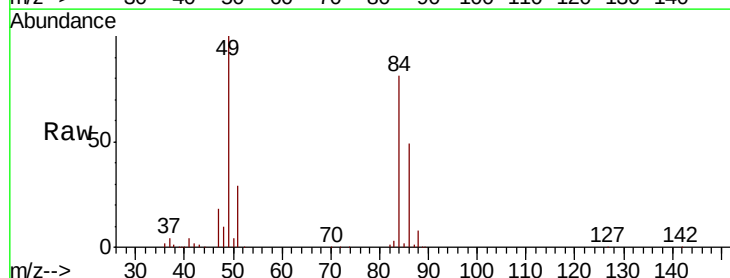
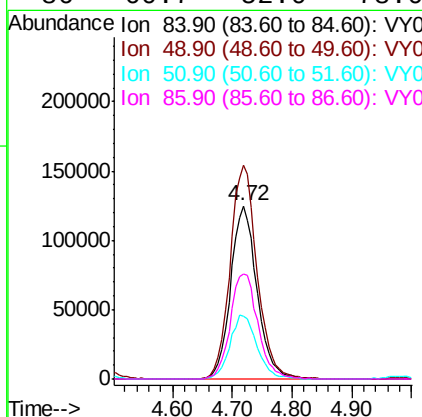
MMDadoda
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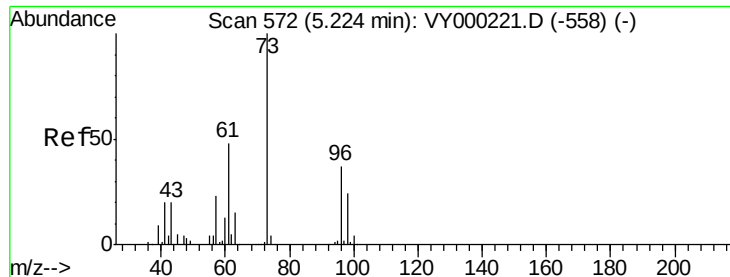


#20

Methylene Chloride
Concen: 130.884 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion: 84 Resp: 384459
Ion Ratio Lower Upper
84 100
49 123.2 86.2 129.2
51 35.9 25.3 37.9
86 60.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 143.810 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 383099

Ion Ratio Lower Upper

96 100

61 130.2 96.1 144.1

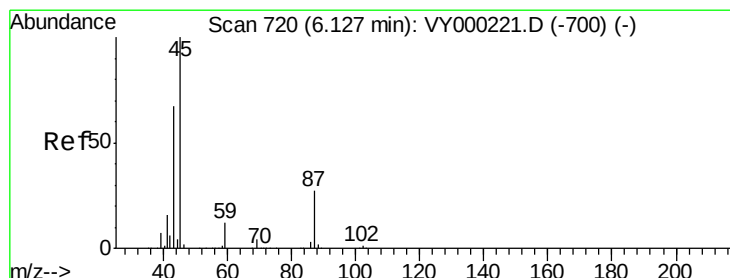
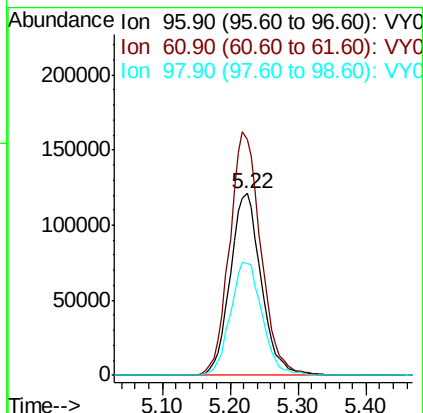
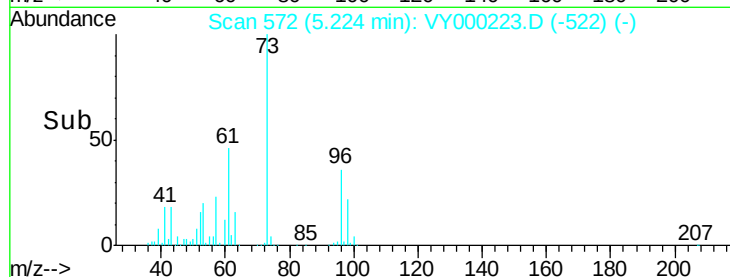
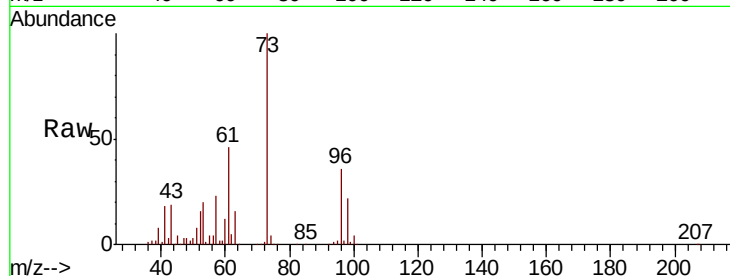
98 61.7 50.3 75.5

Manual Integrations

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10/10/2019 12:52:23 AM



#22

Diisopropyl ether

Concen: 179.208 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Tgt Ion: 45 Resp: 1361119

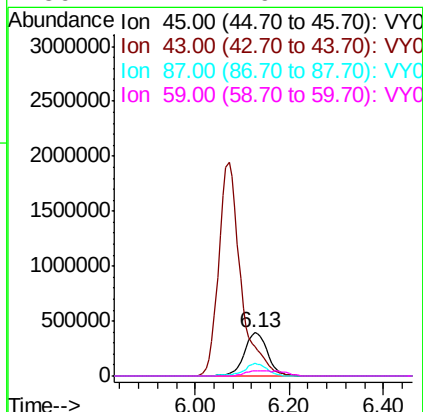
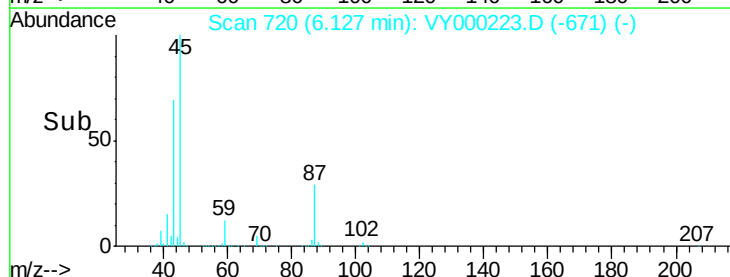
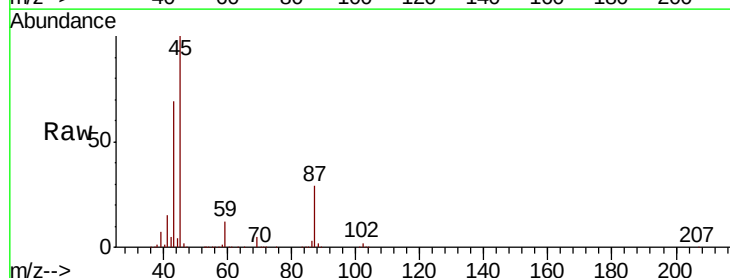
Ion Ratio Lower Upper

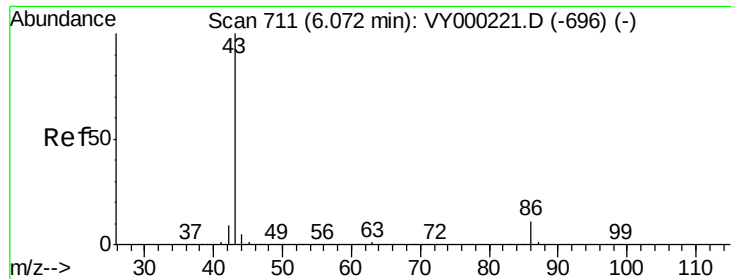
45 100

43 68.7 51.5 77.3

87 28.8 27.0 40.4

59 12.4 9.4 14.2





#23

Vinyl Acetate

Concen: 894.169 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 6327328

Ion Ratio Lower Upper

43 100

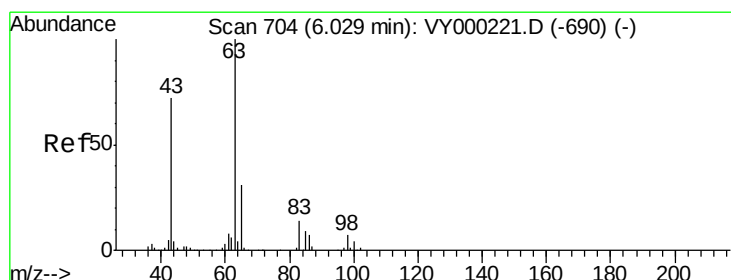
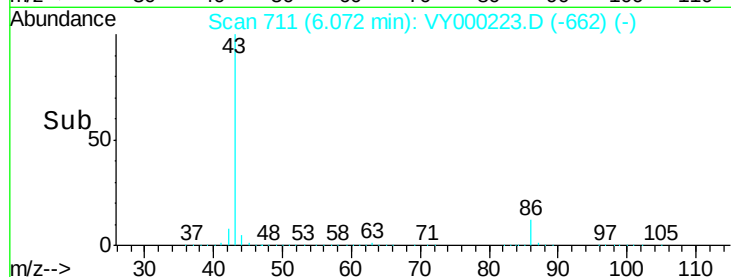
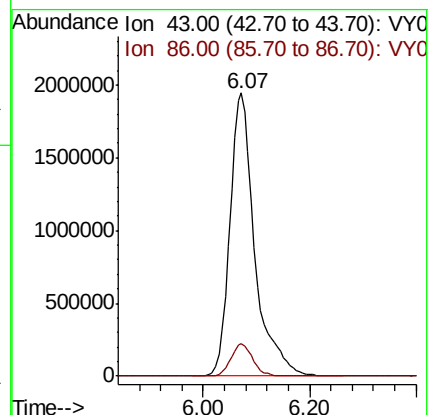
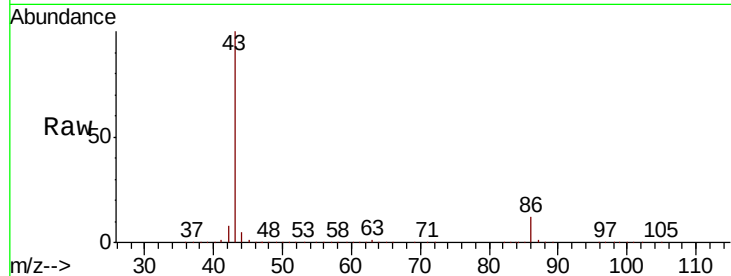
86 11.5 10.7 16.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 156.833 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

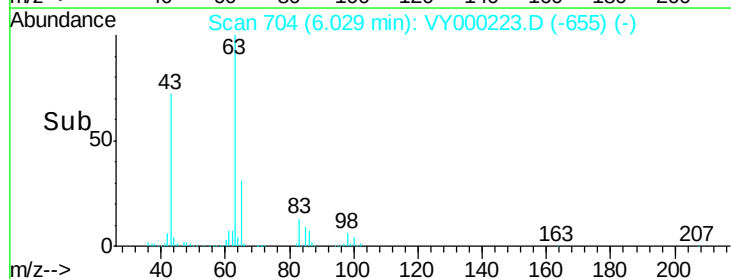
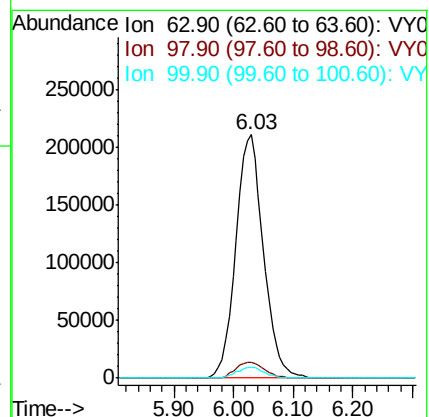
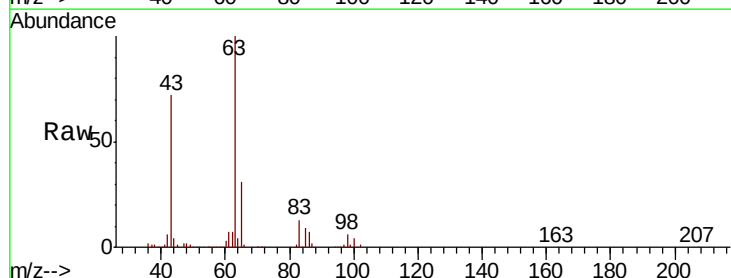
Tgt Ion: 63 Resp: 677823

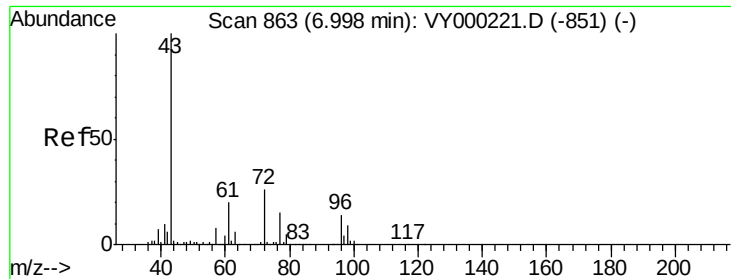
Ion Ratio Lower Upper

63 100

98 6.3 4.8 14.4

100 4.3 2.9 8.8





#25

2-Butanone

Concen: 892.837 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 3047666

Ion Ratio Lower Upper

43 100

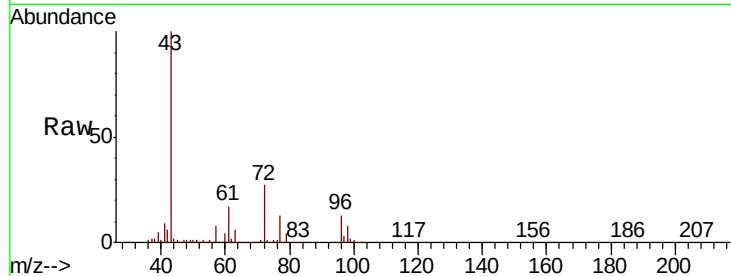
72 26.7 23.1 34.7

Manual Integrations

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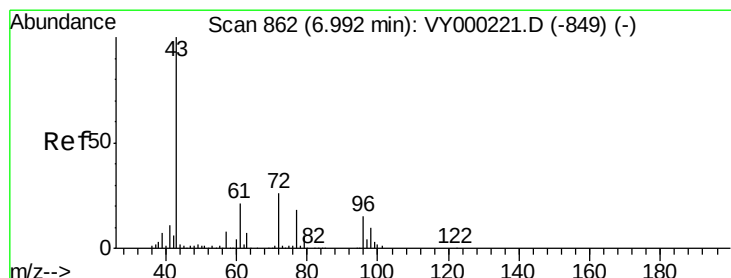
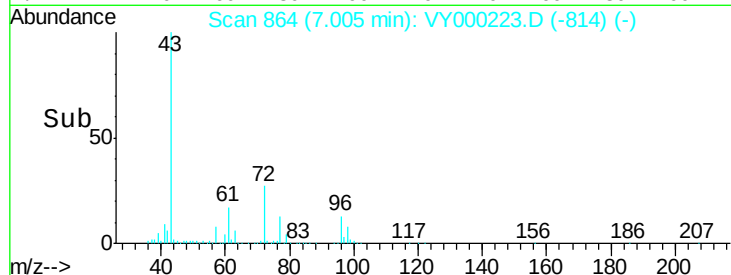
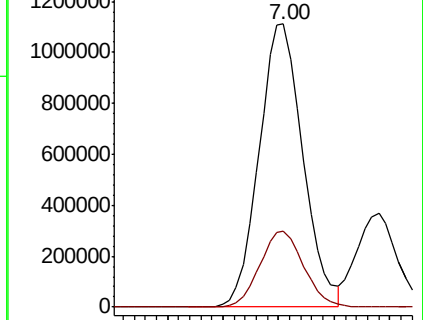
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 132.833 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000223.D

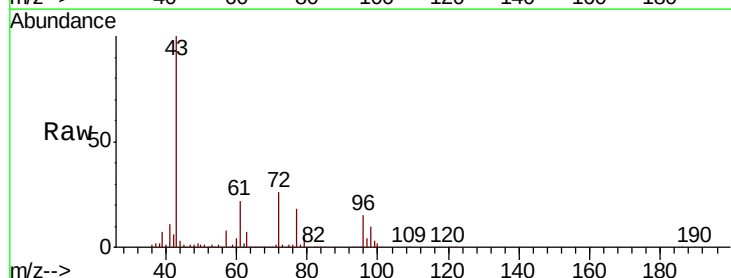
Acq: 08 Oct 2019 14:29

Tgt Ion: 77 Resp: 566448

Ion Ratio Lower Upper

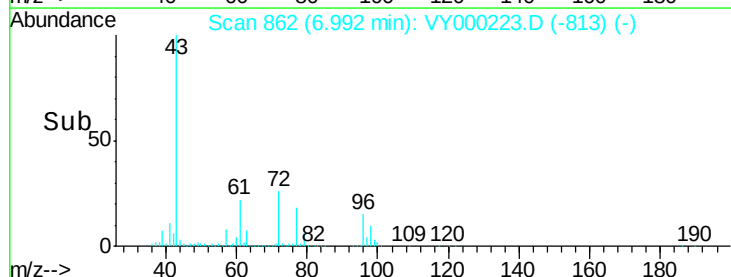
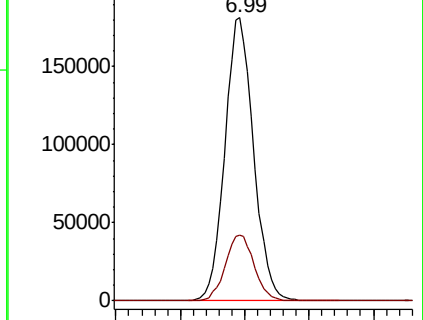
77 100

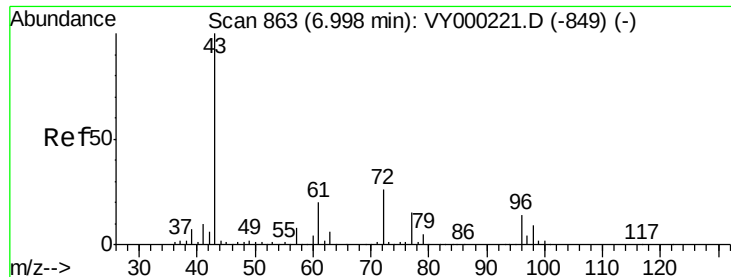
97 23.4 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

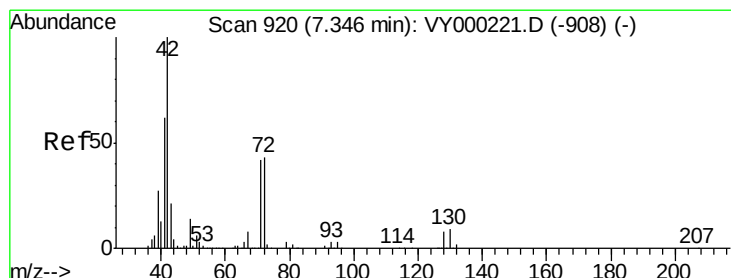
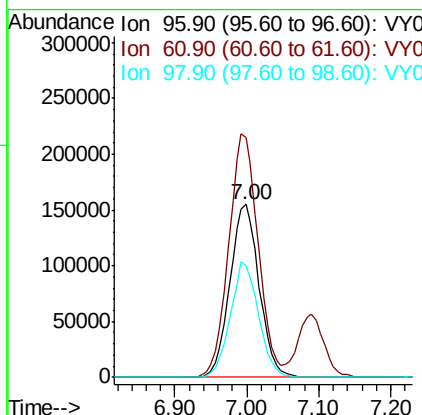
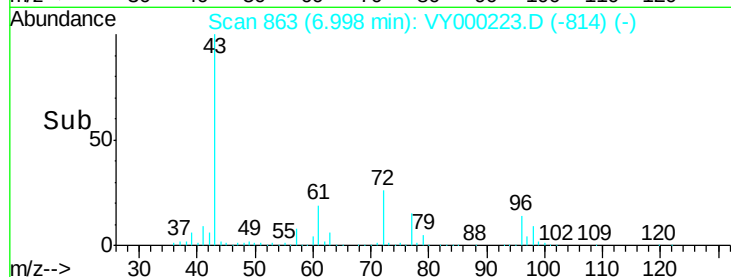
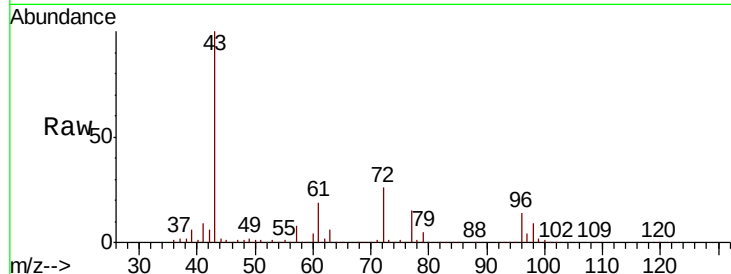
cis-1,2-Dichloroethene
Concen: 137.830 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	437555		
61	141.0		0.0	244.4
98	64.2		0.0	129.6

Manual Integrations
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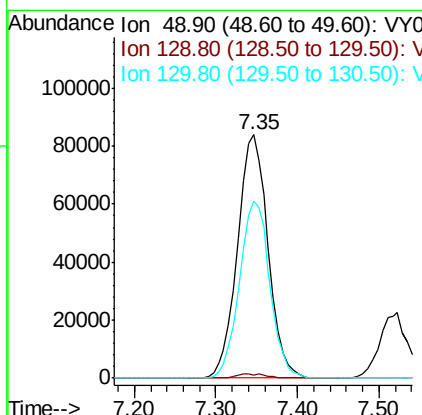
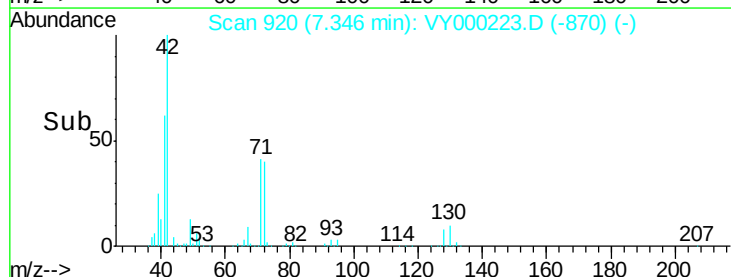
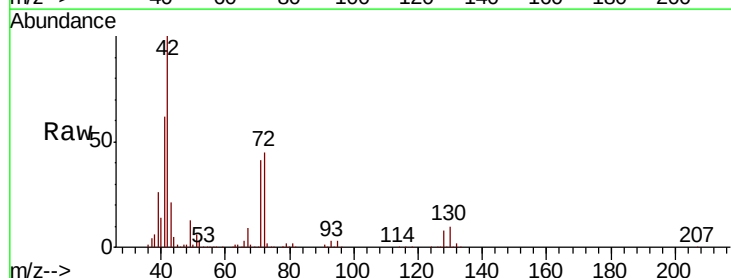
MMDadoda
10/10/2019 12:52:23 AM

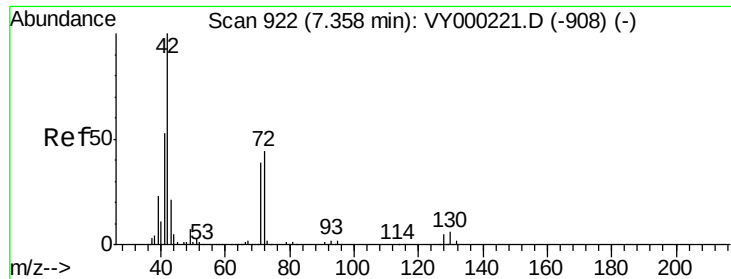


#28

Bromochloromethane
Concen: 176.407 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	217562		
129	1.8		0.0	2.2
130	72.4		70.5	105.7





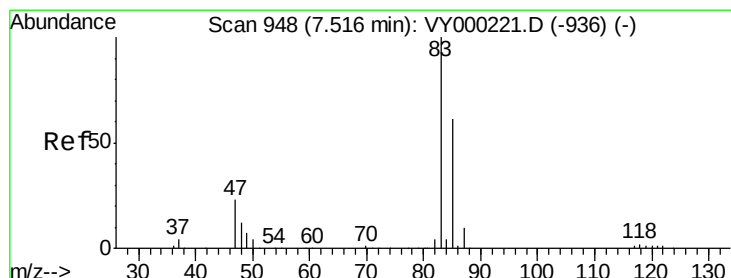
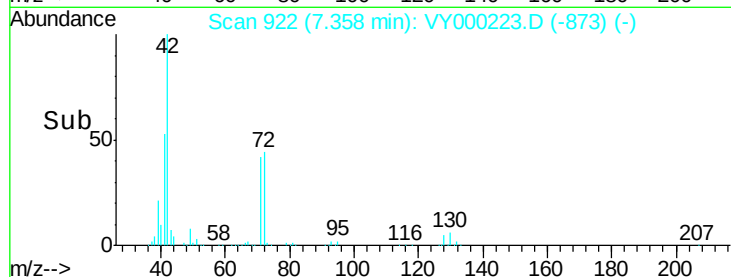
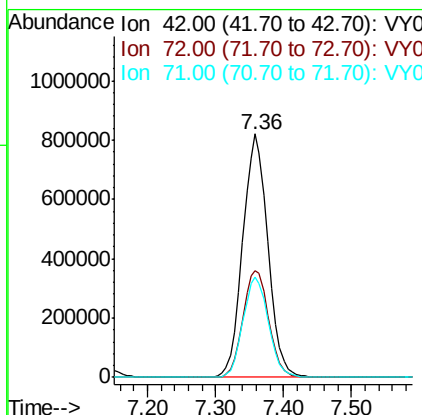
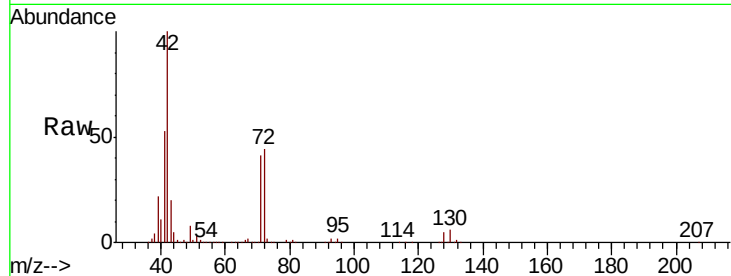
#29
Tetrahydrofuran
Concen: 888.523 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 42 Resp: 2102163
Ion Ratio Lower Upper
42 100
72 45.2 40.4 60.6
71 41.9 36.6 55.0

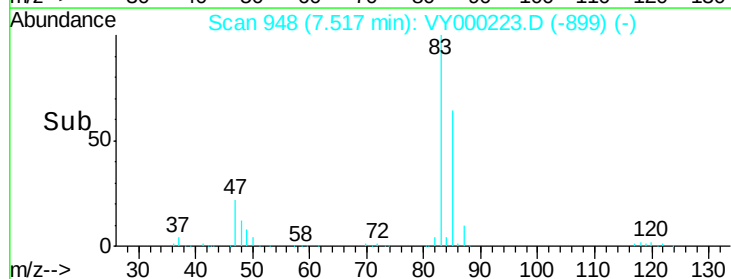
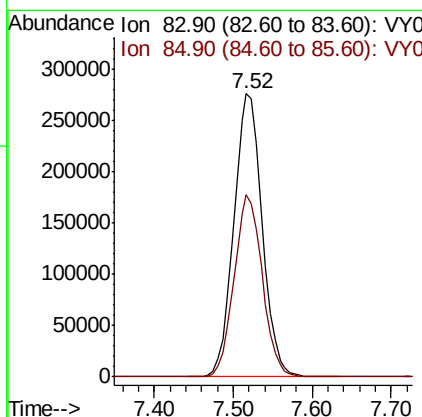
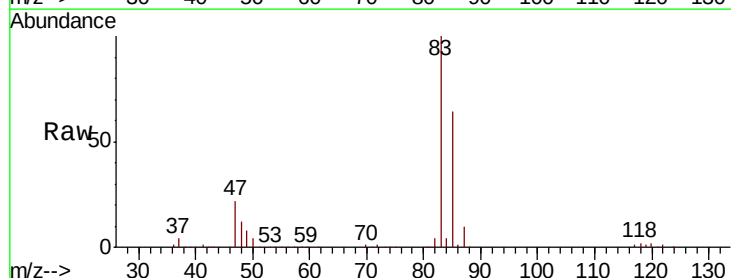
Manual Integrations
APPROVED

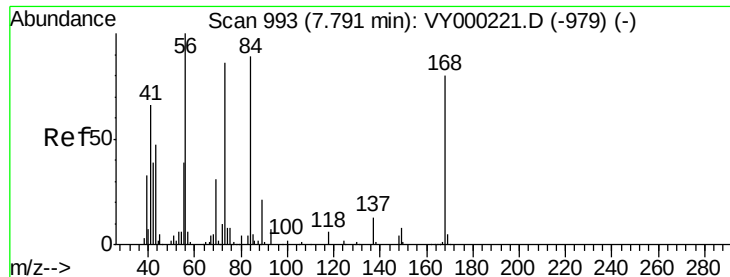
MMDadoda
10/10/2019 12:52:23 AM



#30
Chloroform
Concen: 140.949 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion: 83 Resp: 687084
Ion Ratio Lower Upper
83 100
85 64.3 52.1 78.1





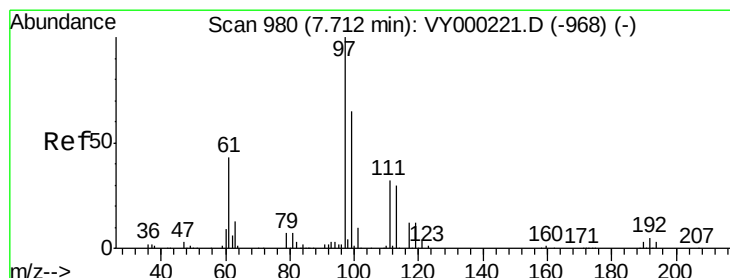
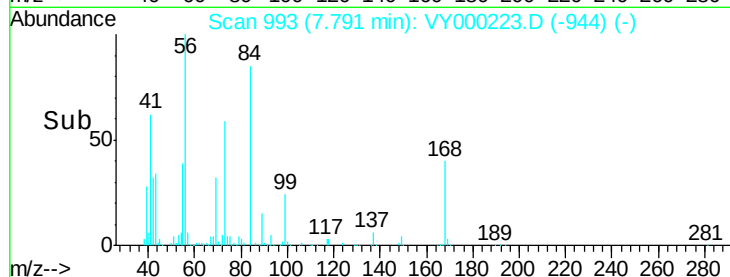
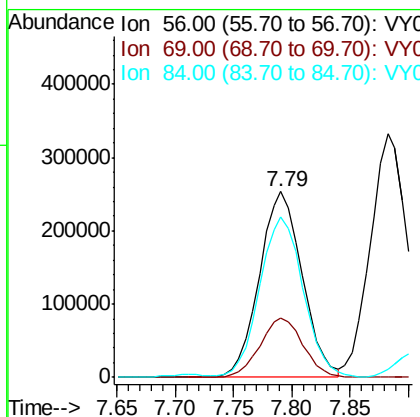
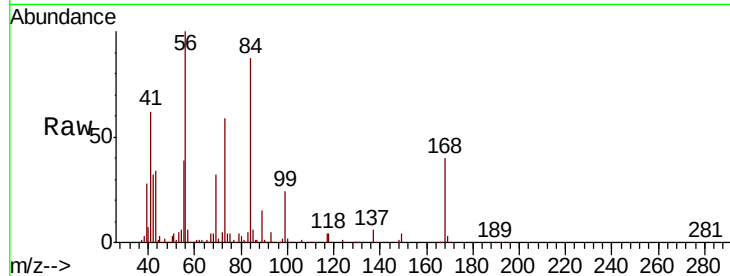
#31
Cyclohexane
Concen: 126.703 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	29.5	44.3
84	85.2	73.4	110.0

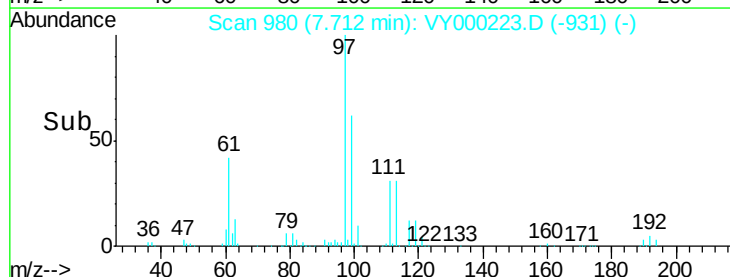
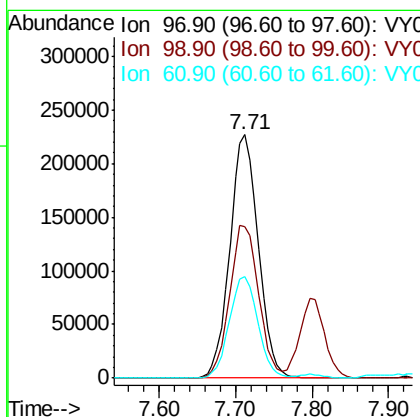
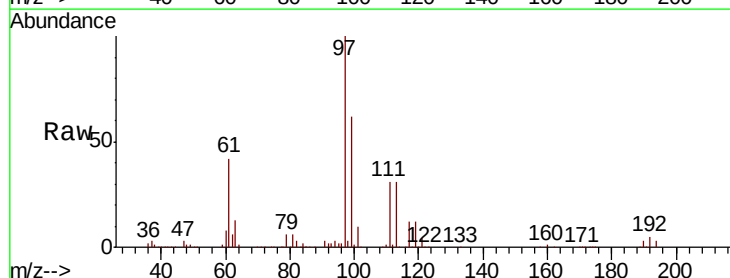
Manual Integrations
APPROVED

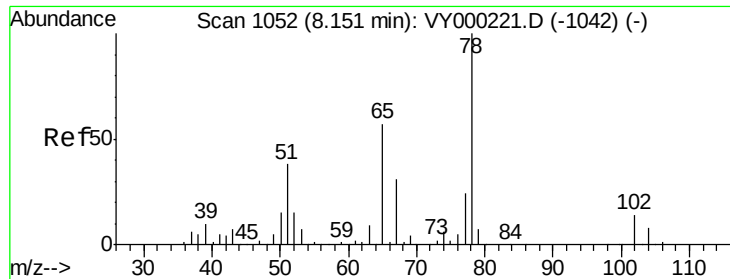
MMDadoda
10/10/2019 12:52:23 AM



#32
1,1,1-Trichloroethane
Concen: 136.205 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.2	78.2
61	42.3	32.5	48.7





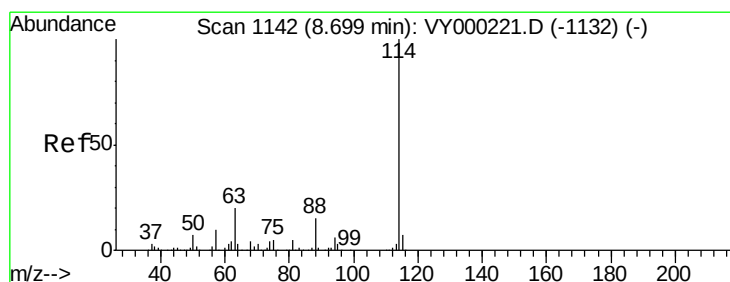
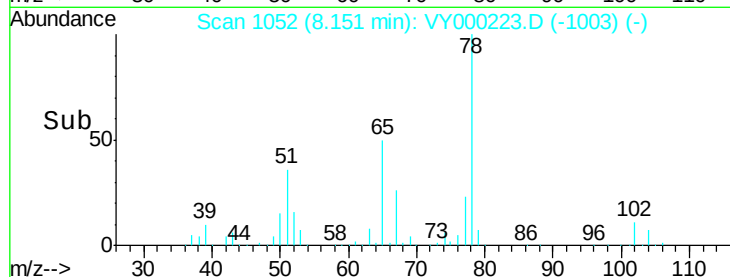
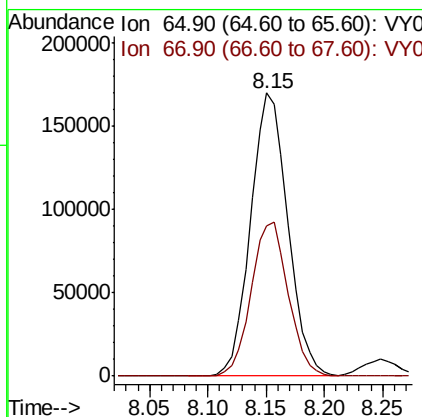
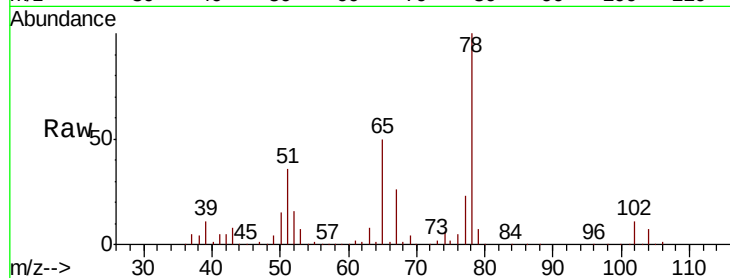
#33
 1,2-Dichloroethane-d4
 Concen: 130.958 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.2	0.0	107.8	

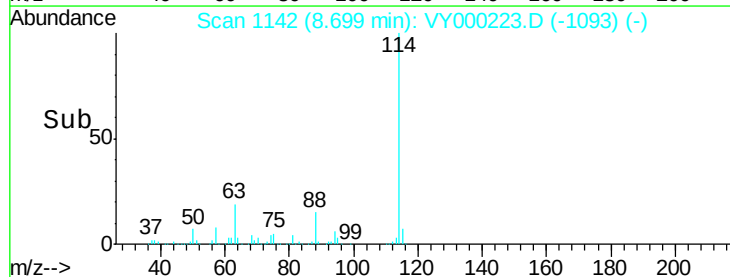
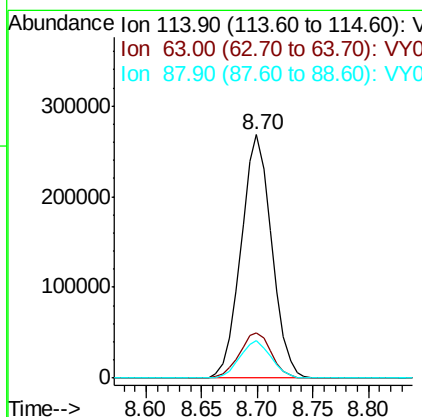
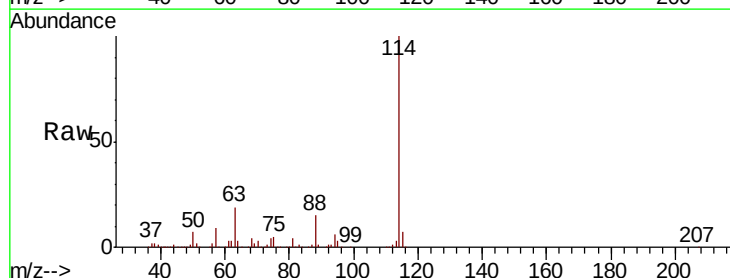
Manual Integrations
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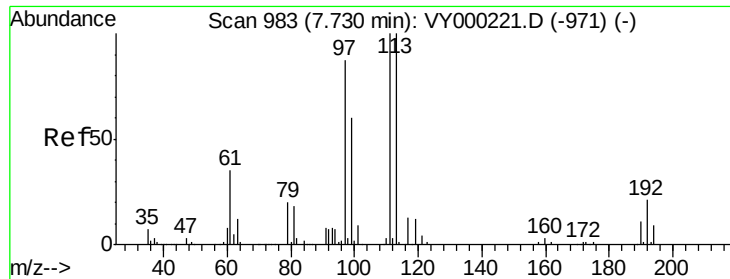
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 10/10/2019 12:52:23 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.8	0.0	33.4	
88	15.3	0.0	30.2	





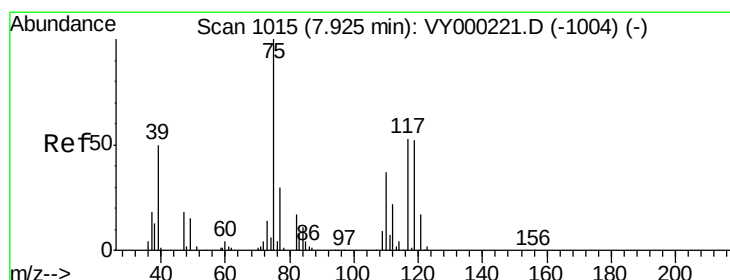
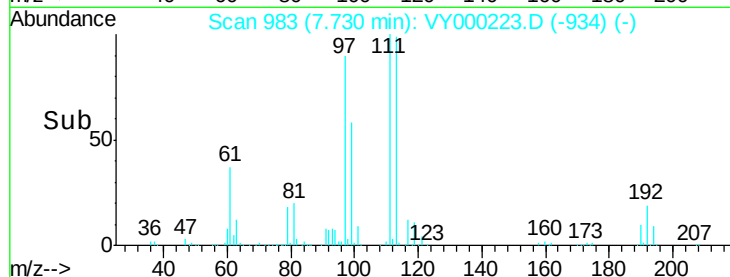
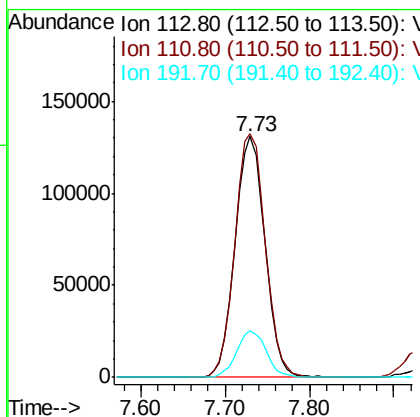
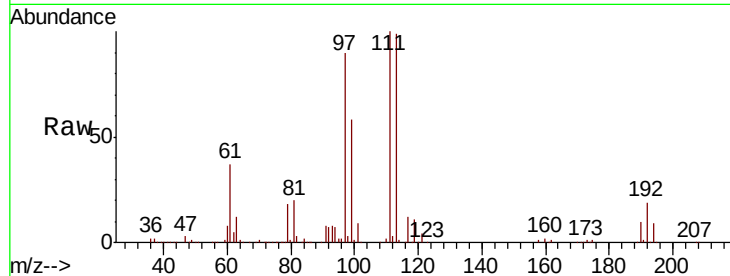
#35
Dibromofluoromethane
Concen: 106.427 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	313072		
111	102.7		84.0	126.0
192	19.0		18.6	27.8

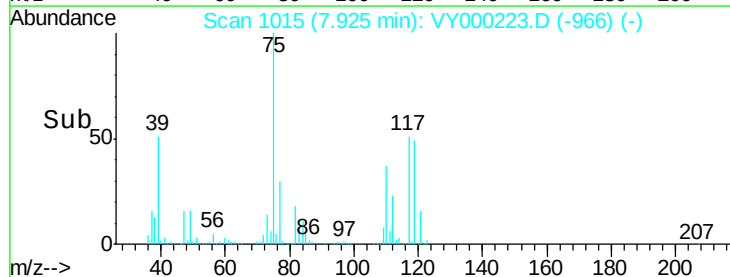
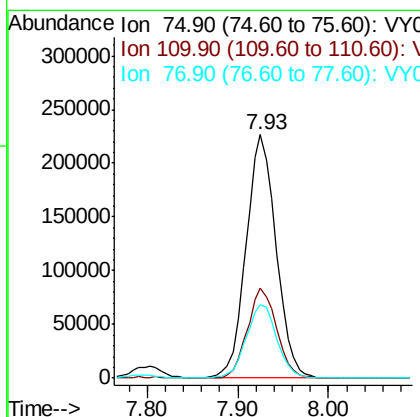
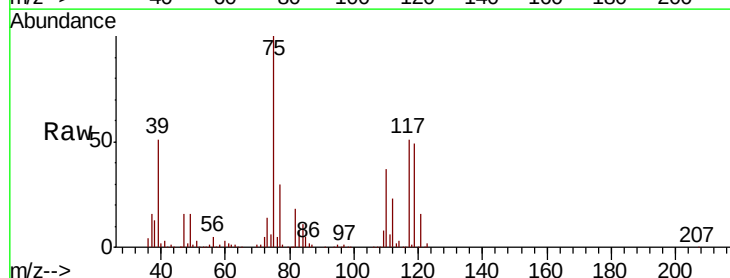
Manual Integrations
APPROVED

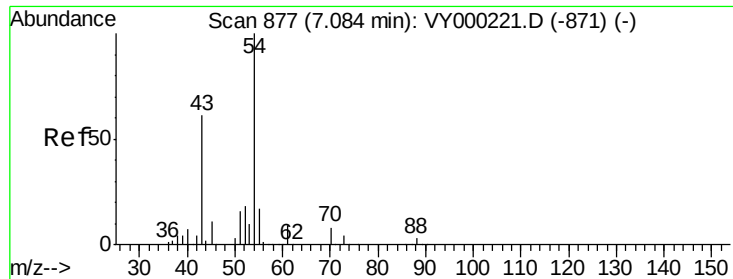
MMDadoda
10/10/2019 12:52:23 AM



#36
1,1-Dichloropropene
Concen: 126.017 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	517752		
110	36.2		20.2	60.5
77	31.0		25.5	38.3





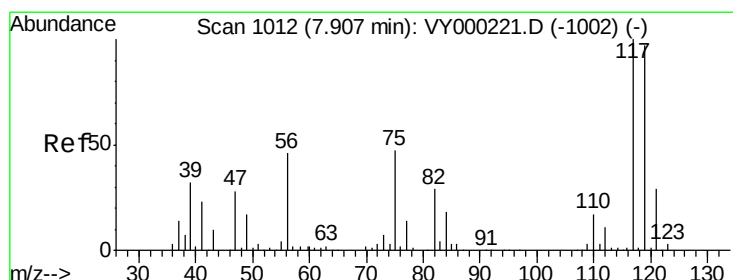
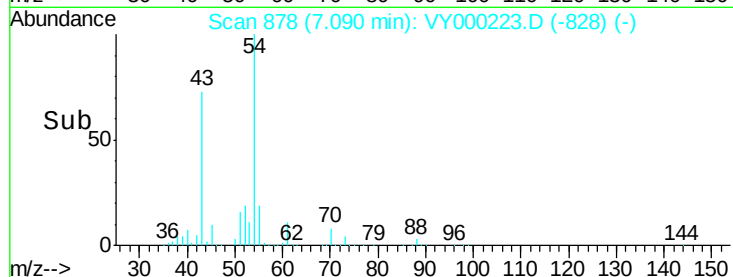
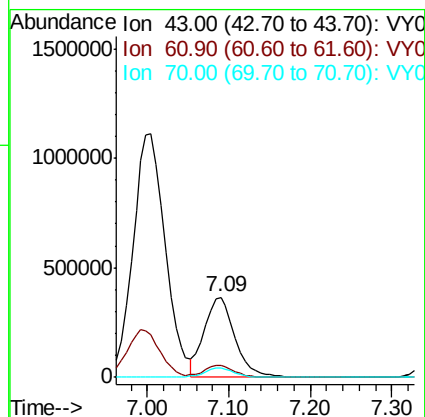
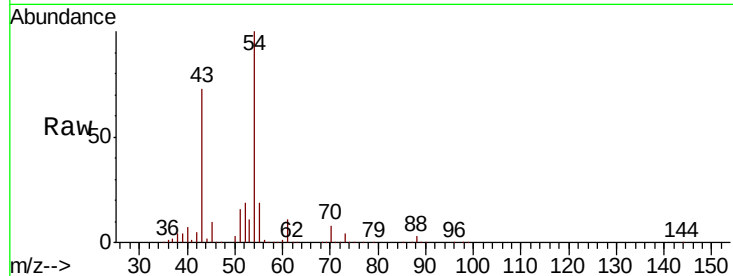
#37
Ethyl Acetate
Concen: 148.884 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.6	17.4
70	11.3	9.5	14.3

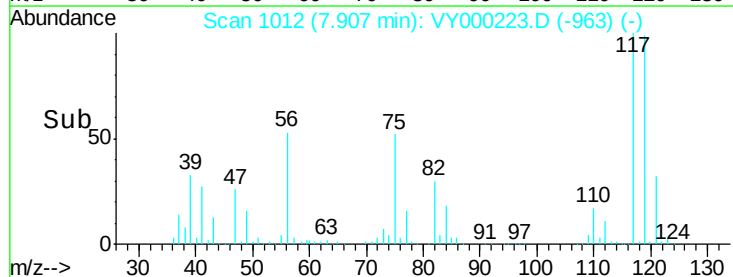
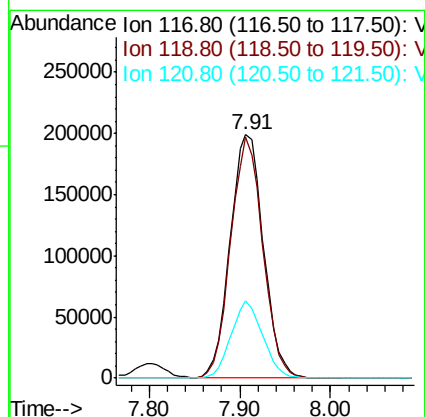
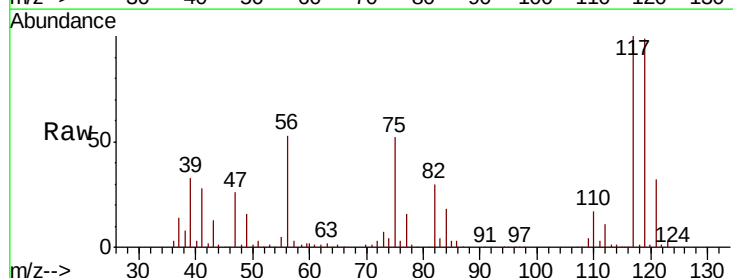
Manual Integrations
APPROVED

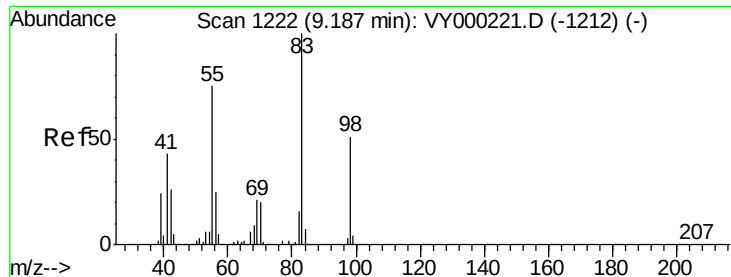
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#38
Carbon Tetrachloride
Concen: 114.814 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	74.7	112.1
121	31.7	25.1	37.7





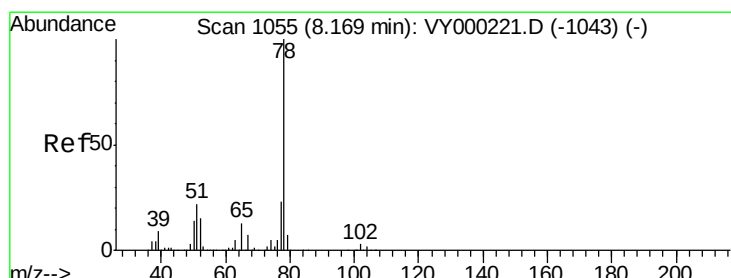
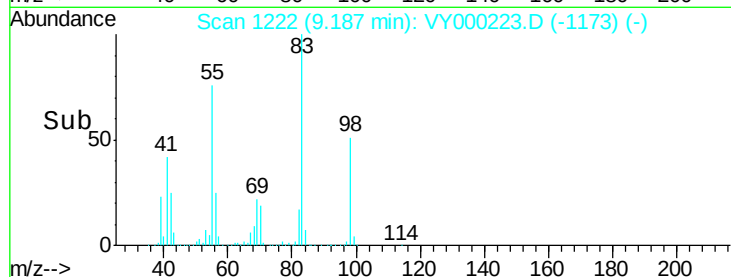
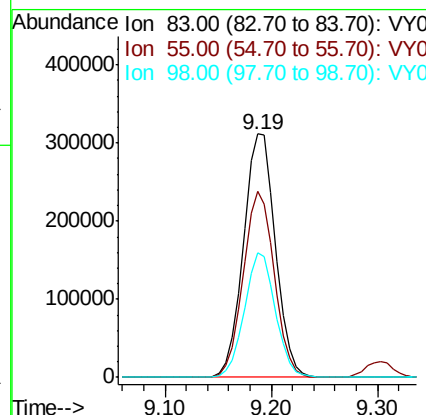
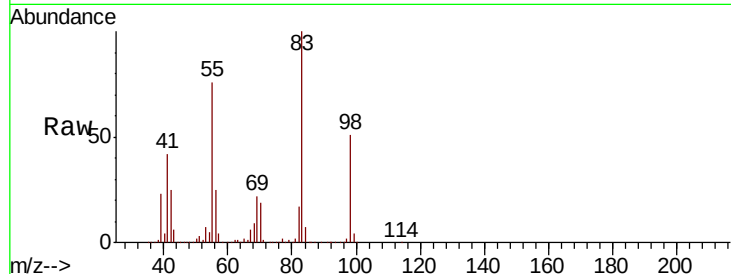
#39
Methylvlcyclohexane
Concen: 120.375 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	53.3	79.9
98	51.1	43.8	65.8

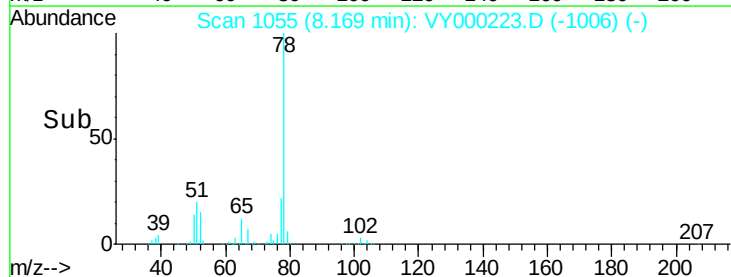
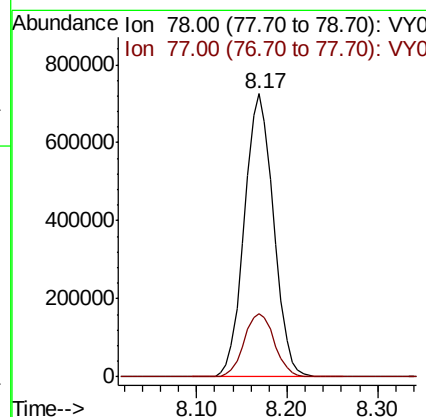
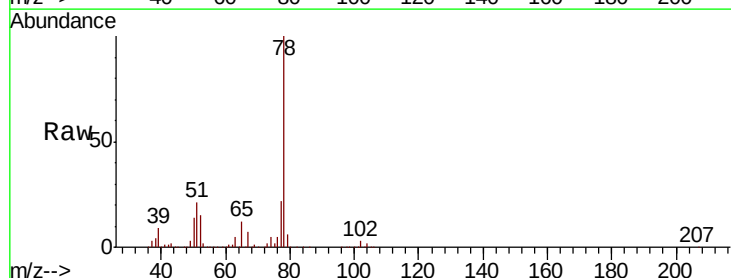
Manual Integrations
APPROVED

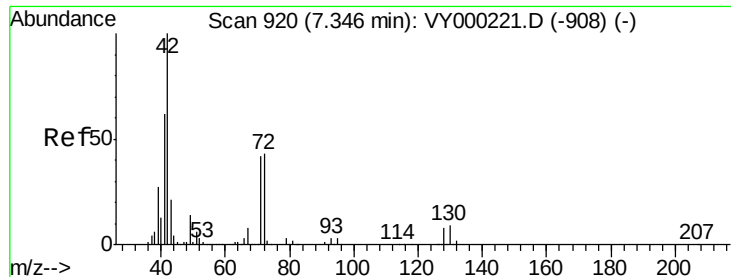
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#40
Benzene
Concen: 131.214 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	17.9	26.9





#41

Methacrylonitrile

Concen: 91.874 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. 0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 738716

Ion Ratio Lower Upper

41 100

39 91.0 122.2 183.2#

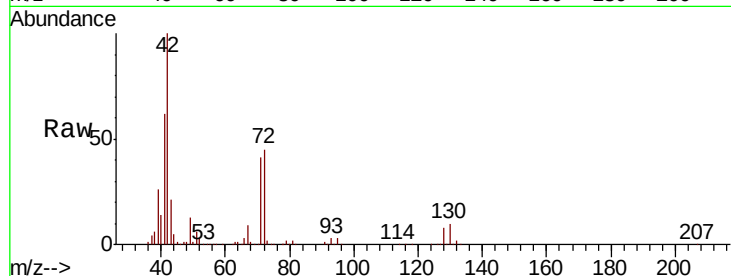
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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MMDadoda

10/10/2019 12:52:23 AM

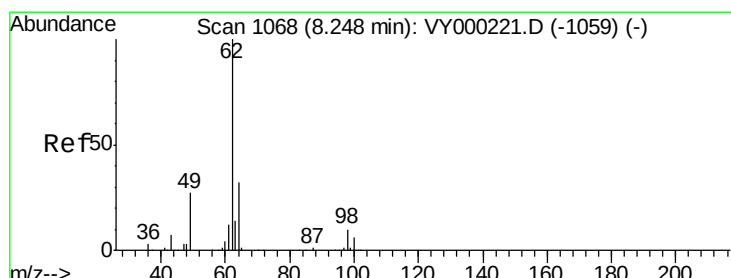
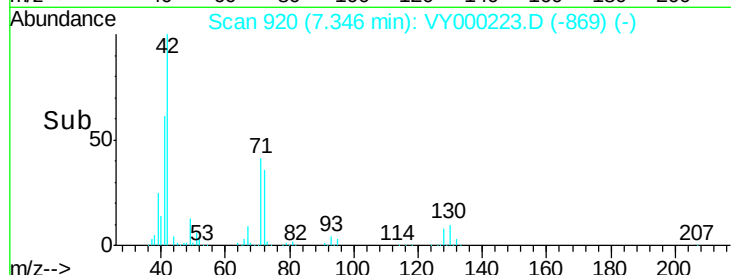
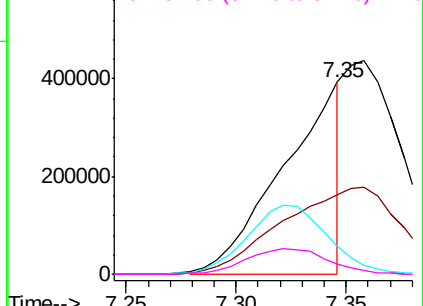


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 129.240 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VY000223.D

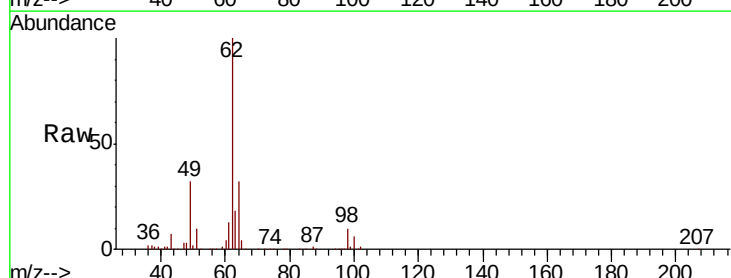
Acq: 08 Oct 2019 14:29

Tgt Ion: 62 Resp: 516639

Ion Ratio Lower Upper

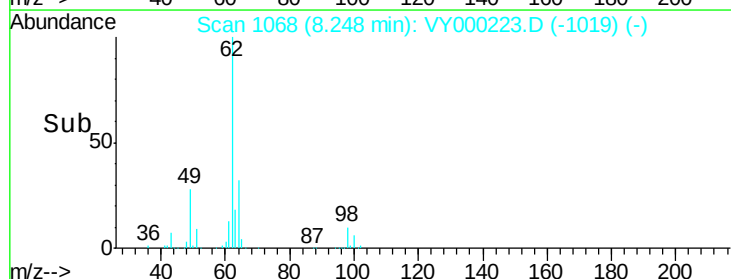
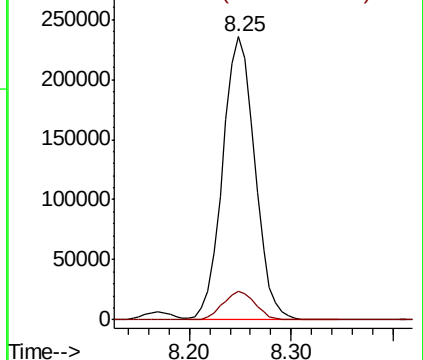
62 100

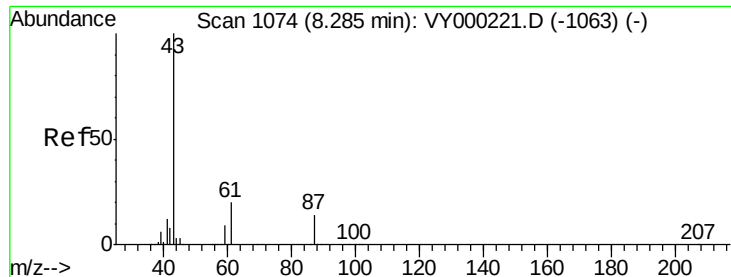
98 10.1 0.0 23.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





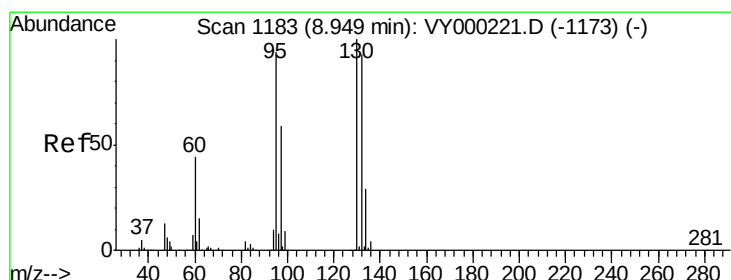
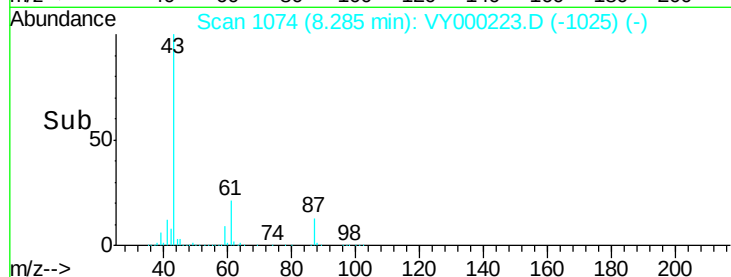
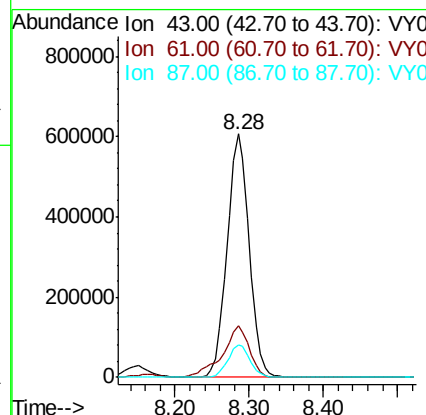
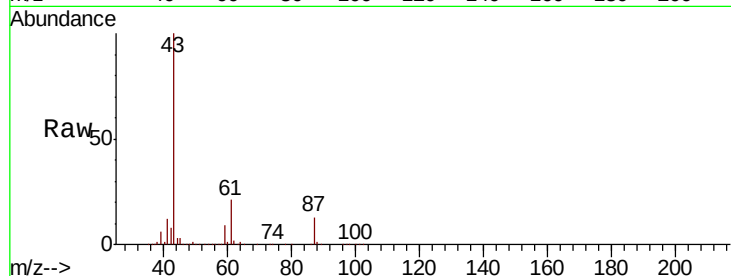
#43
Isopropyl Acetate
Concen: 149.478 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	43	Resp	1247394
Ion Ratio	100	Lower	Upper
43	100		
61	25.7	21.2	31.8
87	13.4	12.4	18.6

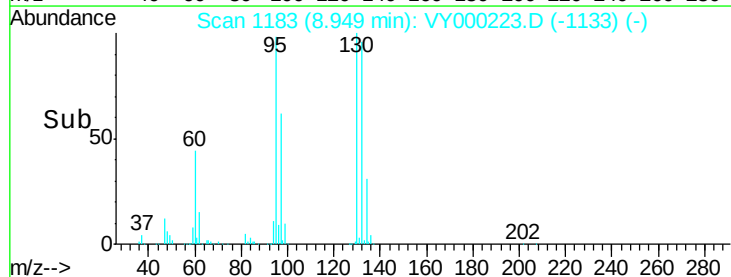
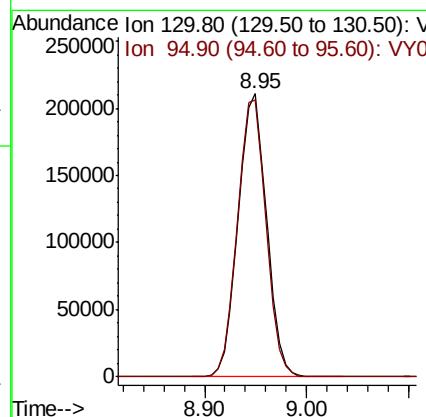
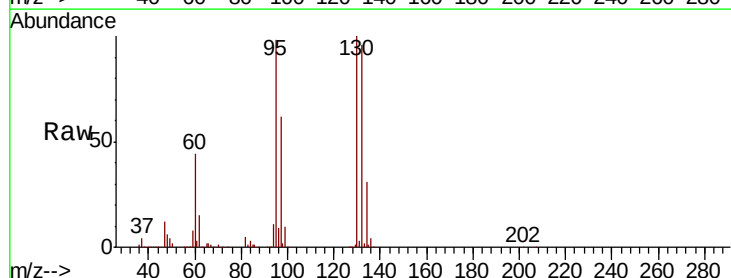
Manual Integrations
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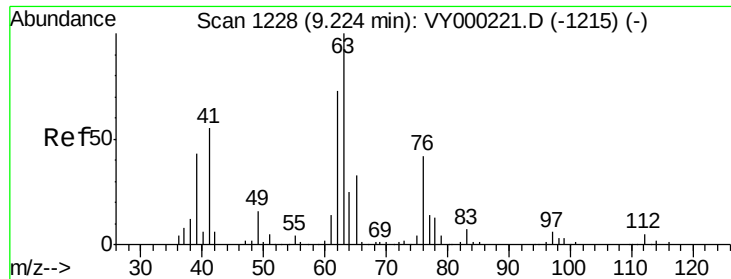
MMDadoda
10/10/2019 12:52:23 AM



#44
Trichloroethene
Concen: 102.839 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion	130	Resp	406332
Ion Ratio	100	Lower	Upper
130	100		
95	98.0	0.0	183.0





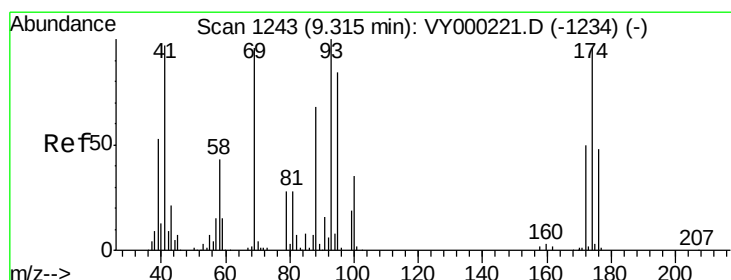
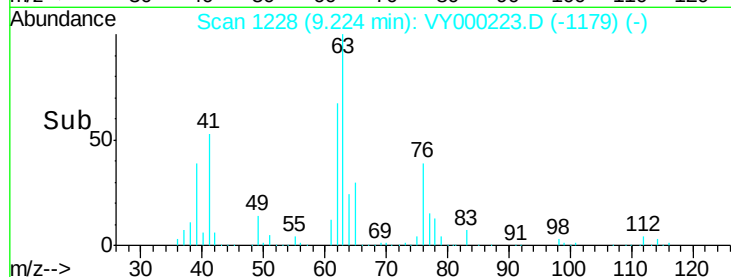
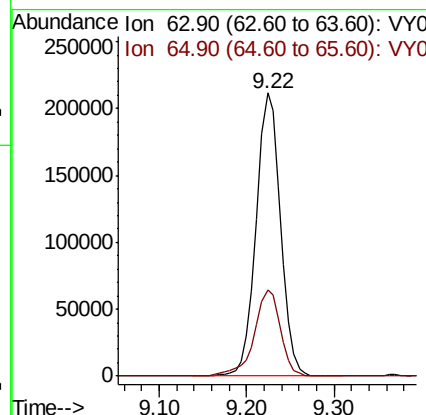
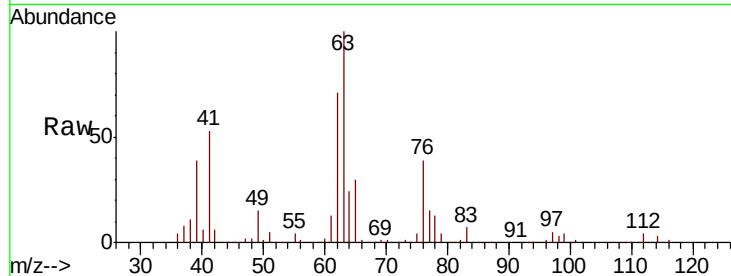
#45
 1,2-Dichloropropane
 Concen: 135.980 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.2	36.2

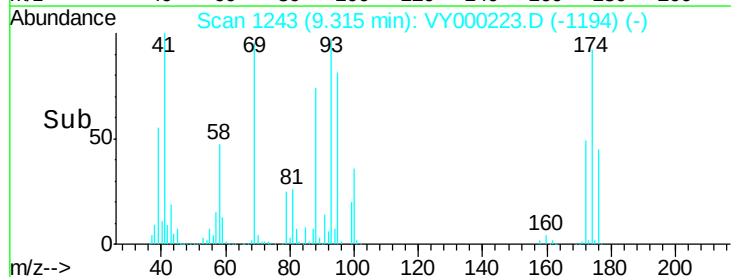
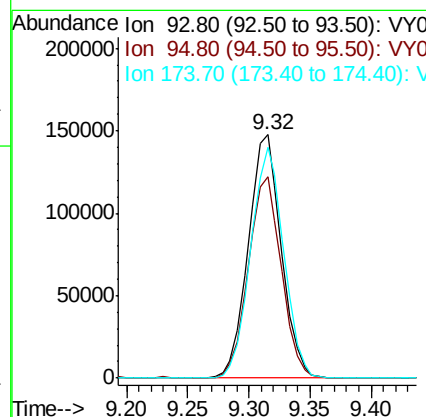
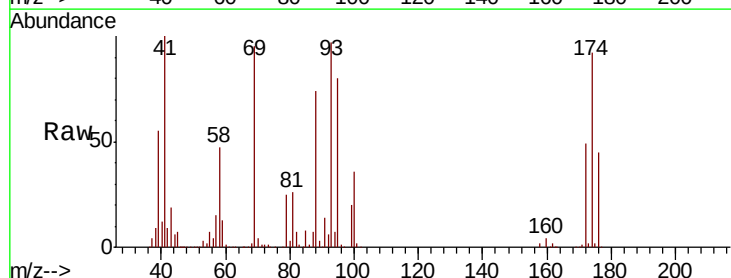
Manual Integrations
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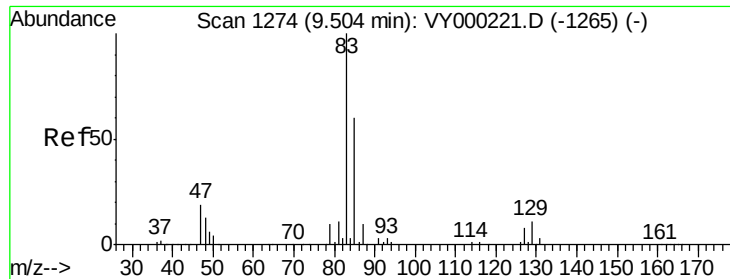
MMDadoda
 10/10/2019 12:52:23 AM



#46
 Dibromomethane
 Concen: 124.089 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.8	98.6
174	95.0	93.4	140.0





#47

Bromodichloromethane

Concen: 129.207 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

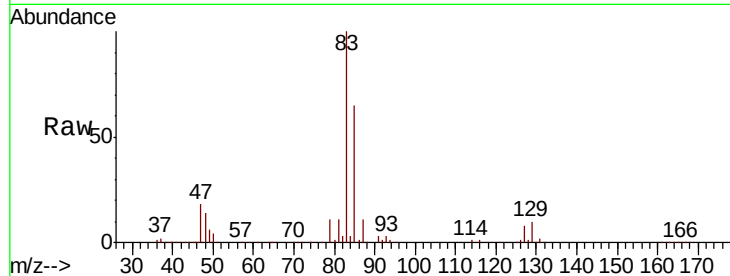
ClientSampleId :

VSTDICC100

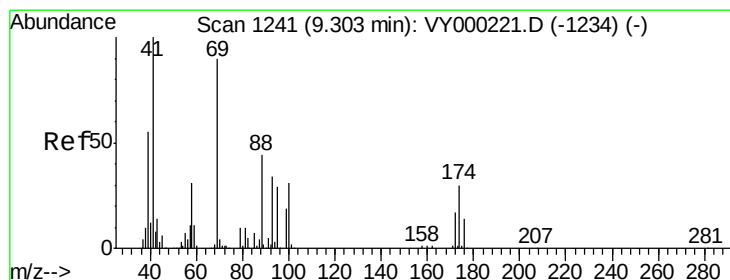
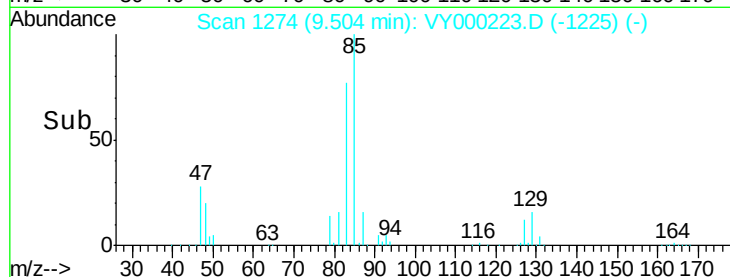
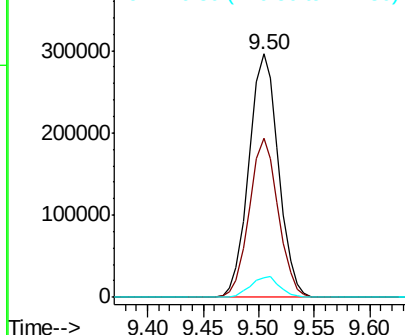
Tot Ion:	83	Resp:	546564
Ion Ratio	Lower	Upper	
83	100		
85	65.5	51.0	76.4
127	7.9	6.6	9.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 154.272 ug/l

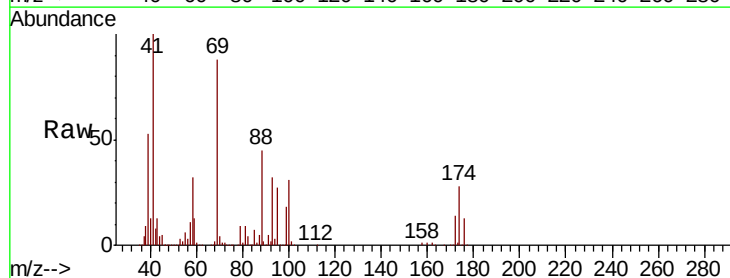
RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

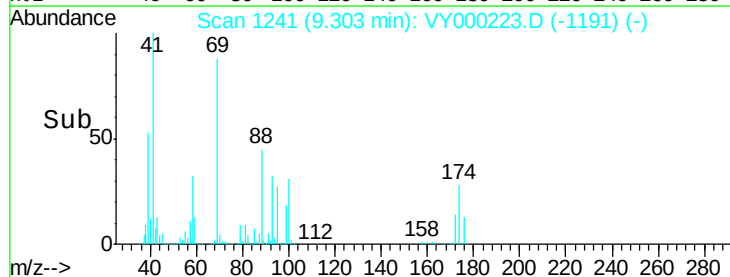
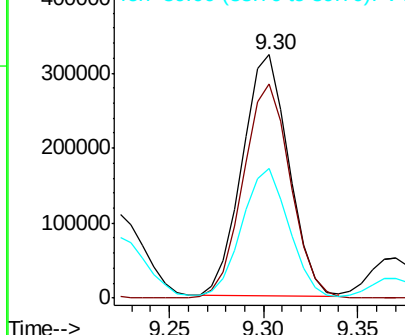
Lab File: VY000223.D

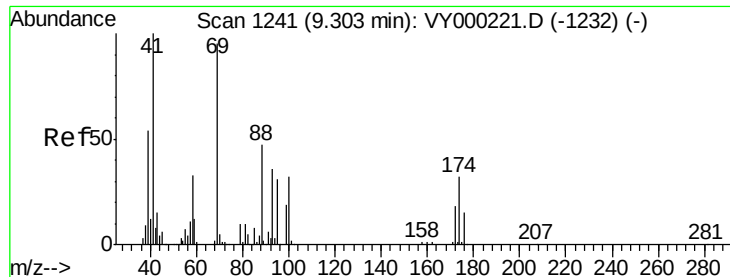
Acq: 08 Oct 2019 14:29

Tgt Ion:	41	Resp:	553129
Ion Ratio	Lower	Upper	
41	100		
69	90.2	77.6	116.4
39	54.8	48.7	73.1



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





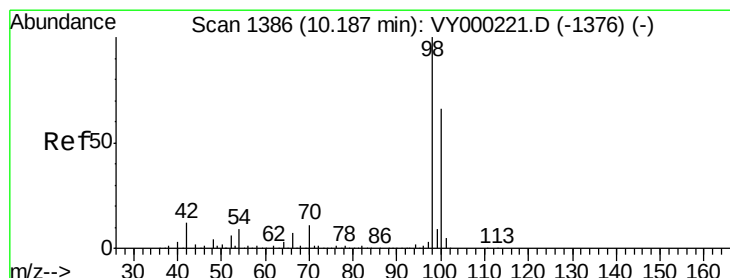
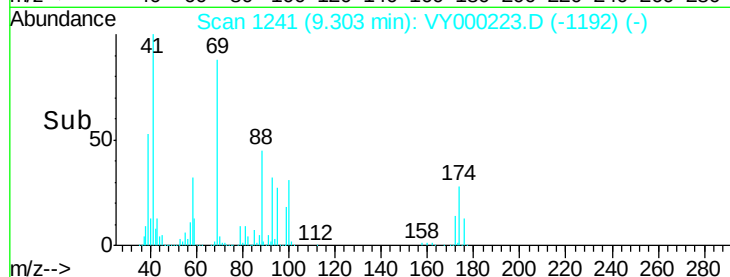
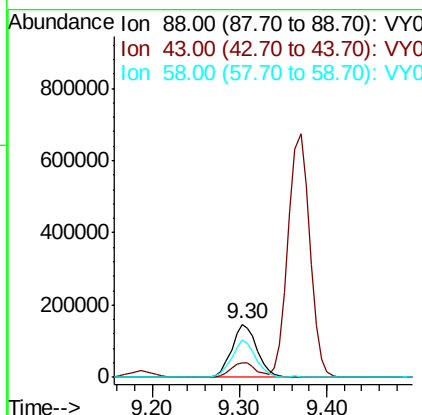
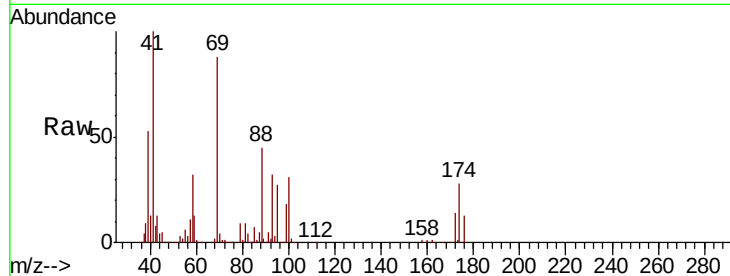
#49
1,4-Dioxane
Concen: 2607.749 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
88	100	292993		
43	28.3		20.2	30.2
58	66.9		46.8	70.2

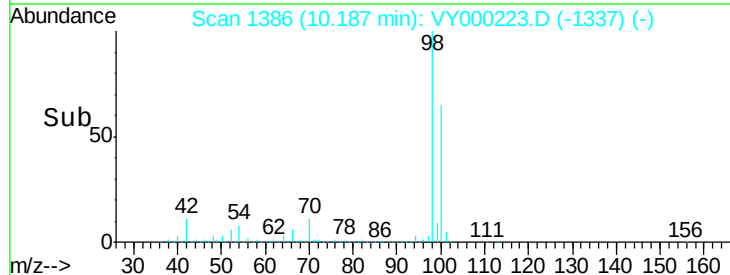
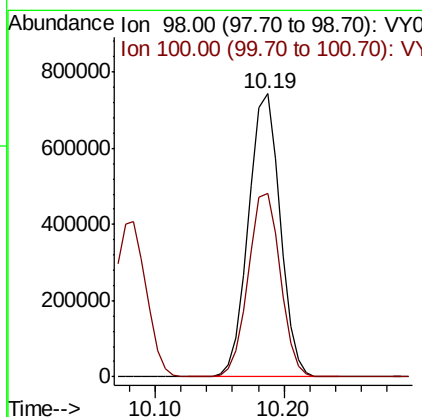
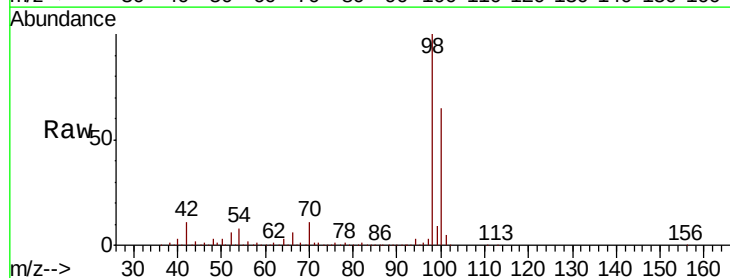
Manual Integrations
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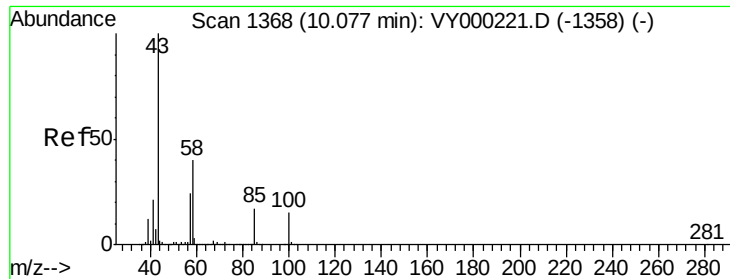
MMDadoda
10/10/2019 12:52:23 AM



#50
Toluene-d8
Concen: 115.776 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1256210		
100	66.0		53.6	80.4





#51

4-Methyl-2-Pentanone

Concen: 722.735 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 4460608

Ion Ratio Lower Upper

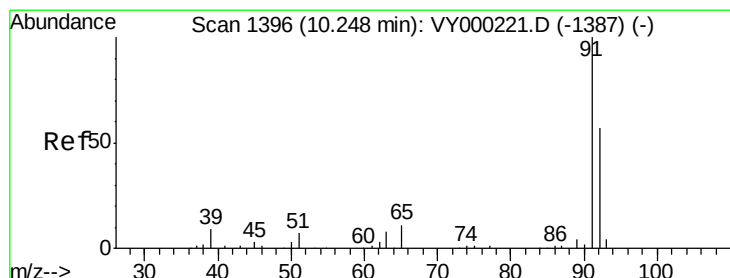
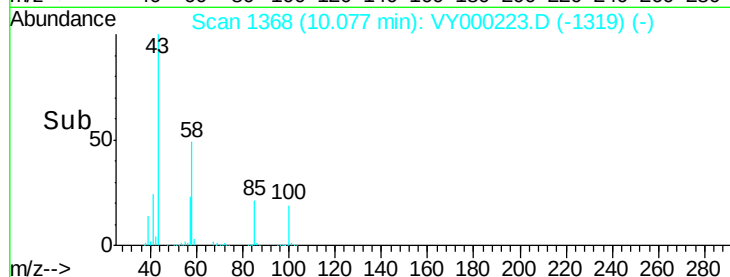
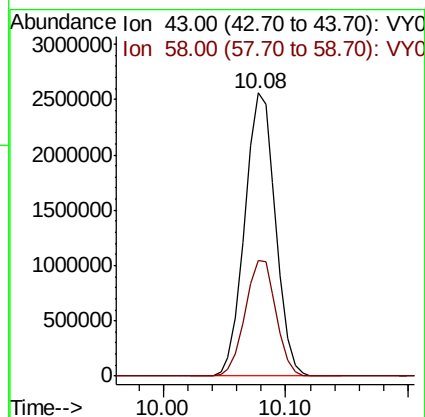
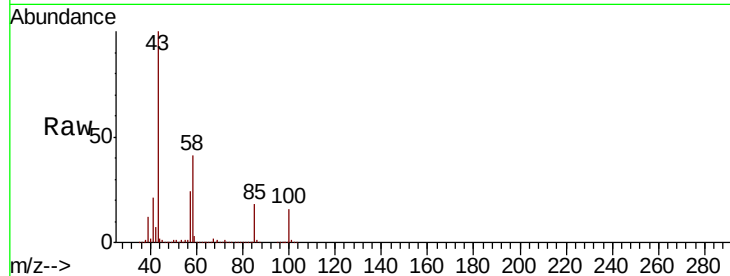
43 100

58 41.3 33.0 49.6

Manual Integrations
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10/10/2019 12:52:23 AM



#52

Toluene

Concen: 128.460 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000223.D

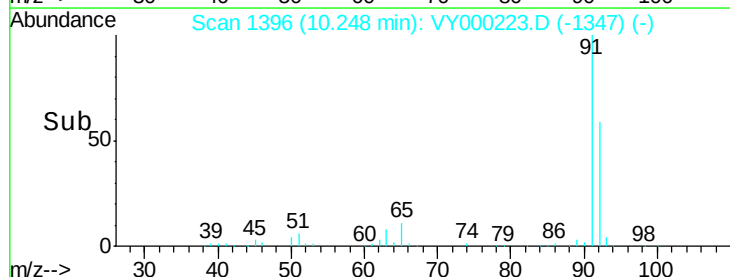
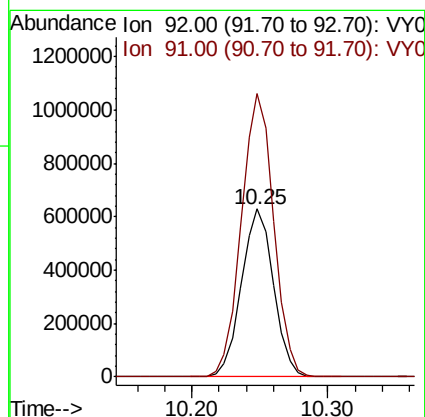
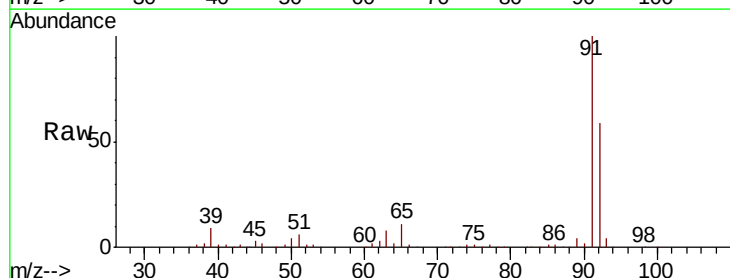
Acq: 08 Oct 2019 14:29

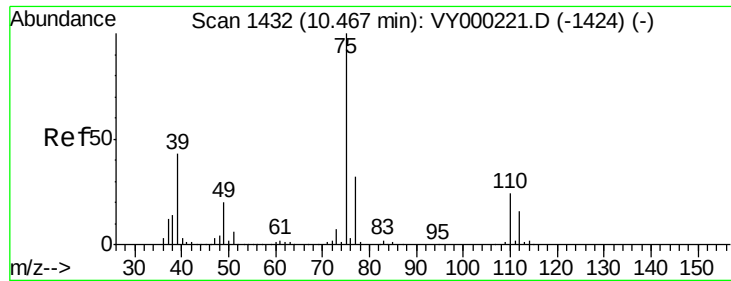
Tgt Ion: 92 Resp: 1034888

Ion Ratio Lower Upper

92 100

91 169.7 138.9 208.3





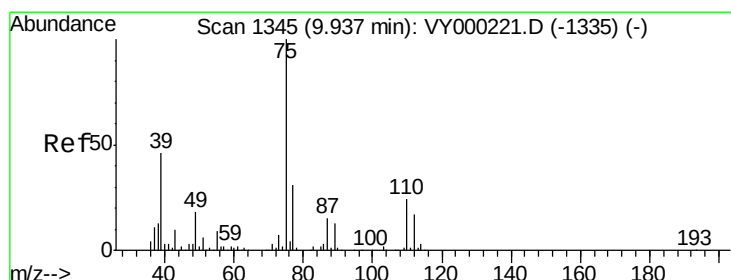
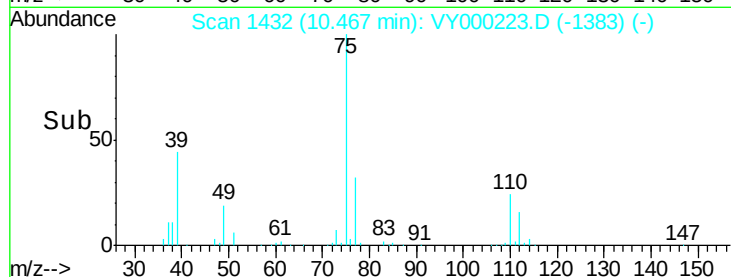
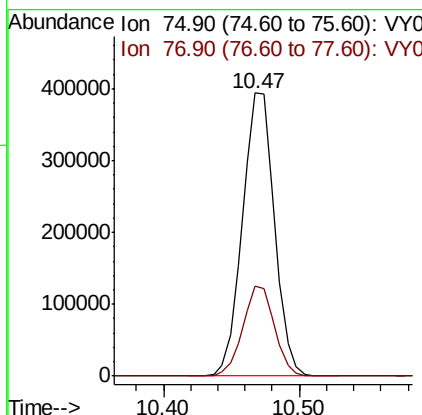
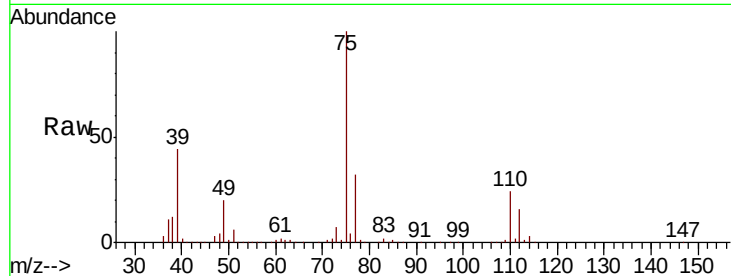
#53
t-1,3-Dichloropropene
Concen: 136.728 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 75 Resp: 649563
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6

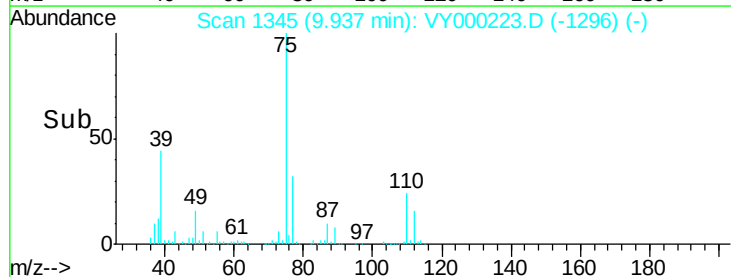
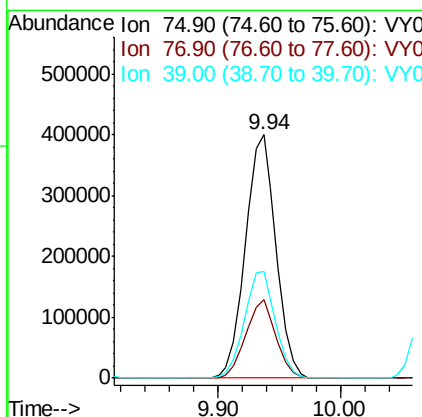
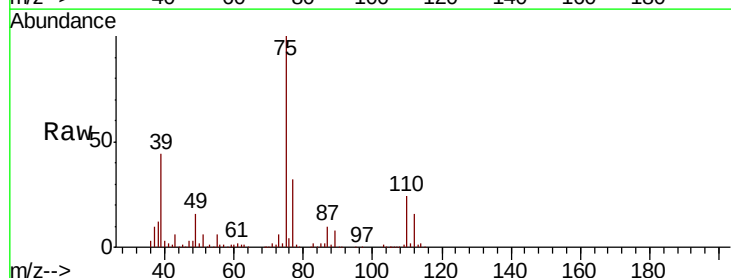
Manual Integrations
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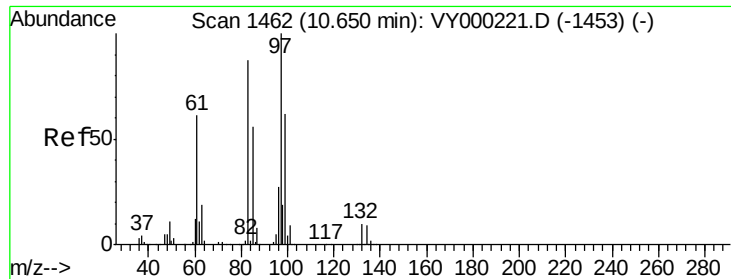
MMDadoda
10/10/2019 12:52:23 AM



#54
cis-1,3-Dichloropropene
Concen: 136.017 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion: 75 Resp: 692098
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 43.6 33.2 49.8





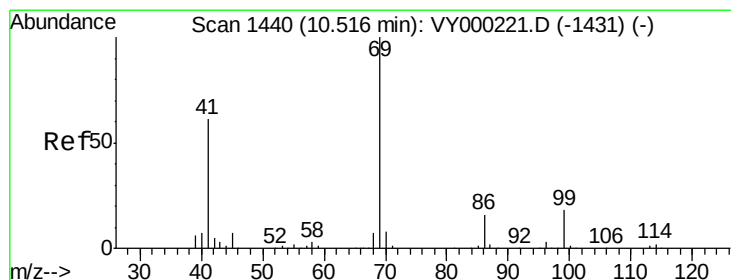
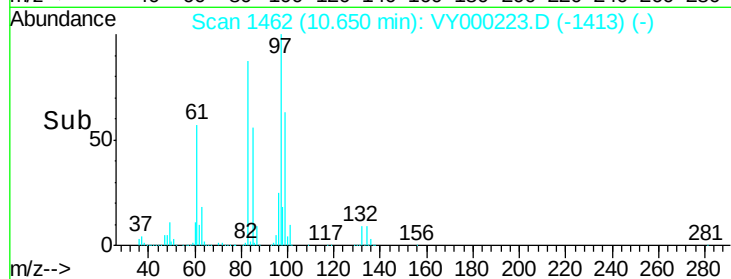
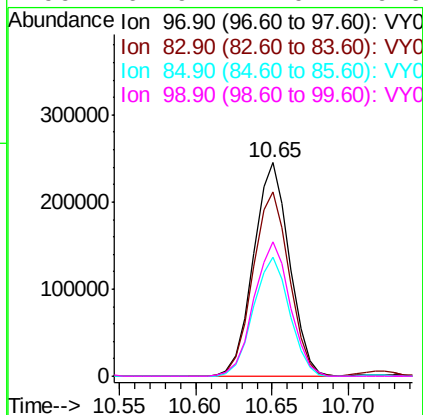
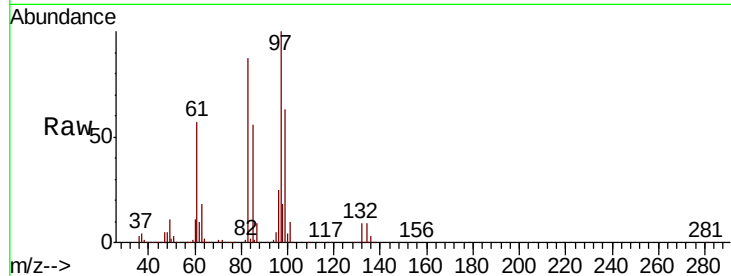
#55
 1,1,2-Trichloroethane
 Concen: 121.898 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		402879		
83	86.5	66.2		99.2	
85	56.0	41.0		61.6	
99	62.9	47.0		70.6	

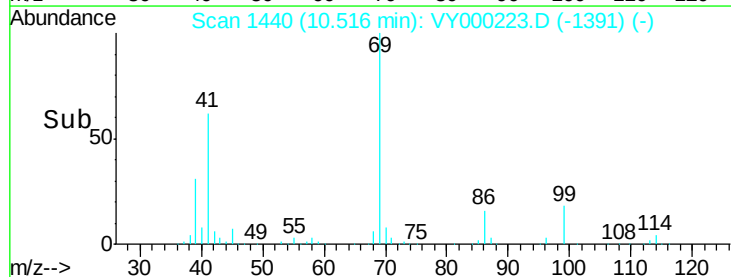
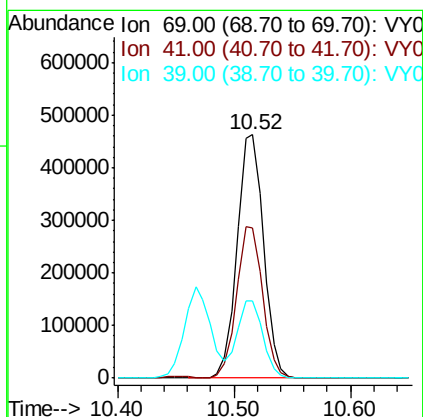
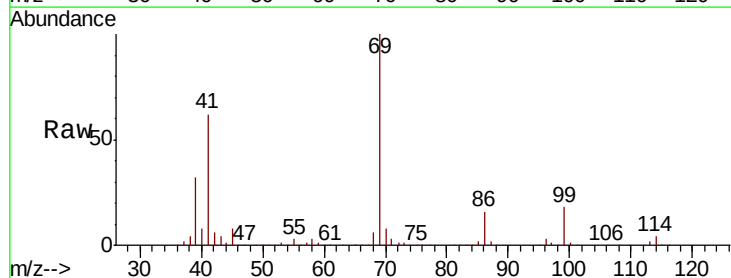
Manual Integrations
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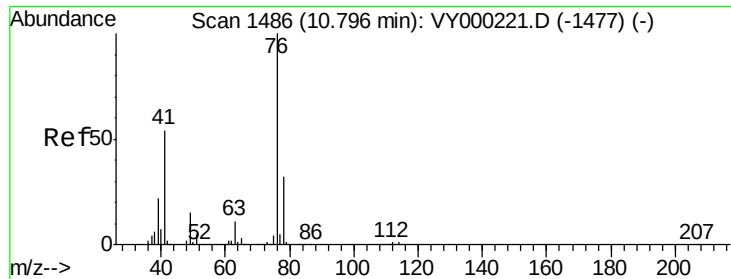
MMDadoda
 10/10/2019 12:52:23 AM



#56
 Ethyl methacrylate
 Concen: 145.501 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		731593		
41	61.5	46.9		70.3	
39	30.9	27.4		41.0	





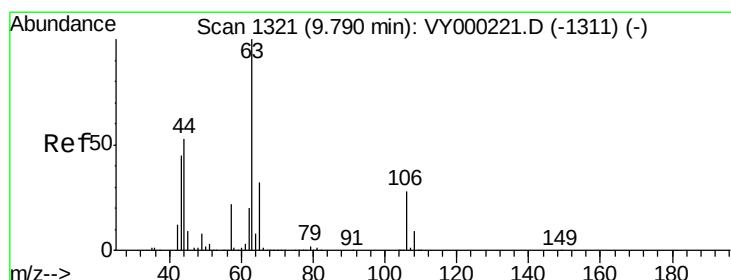
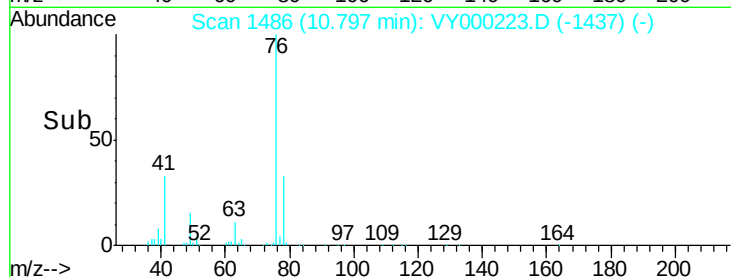
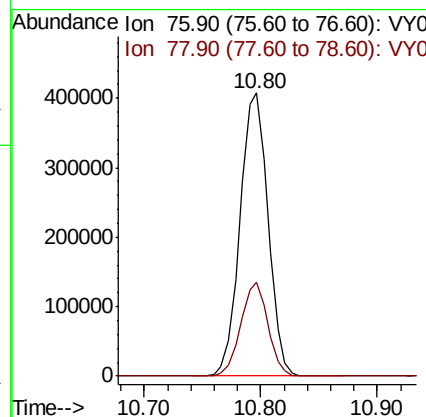
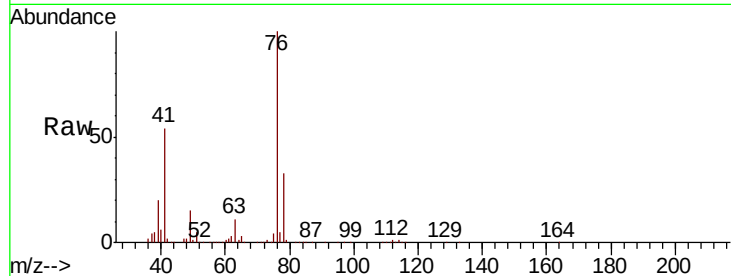
#57
 1,3-Dichloropropane
 Concen: 130.147 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 683364
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8

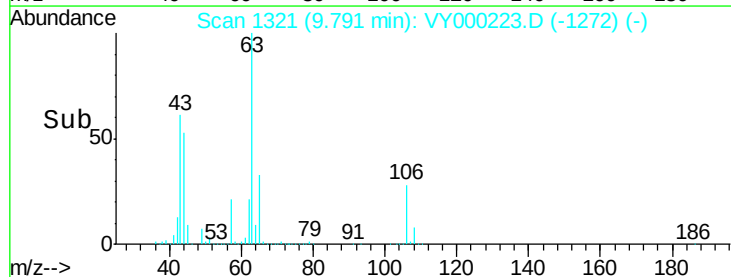
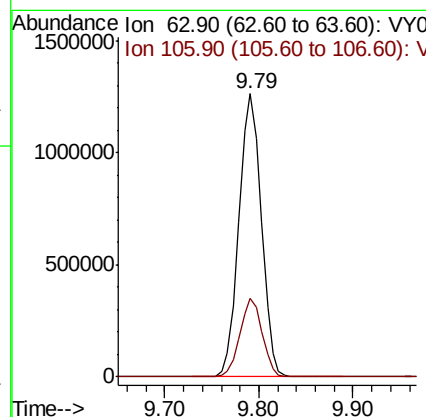
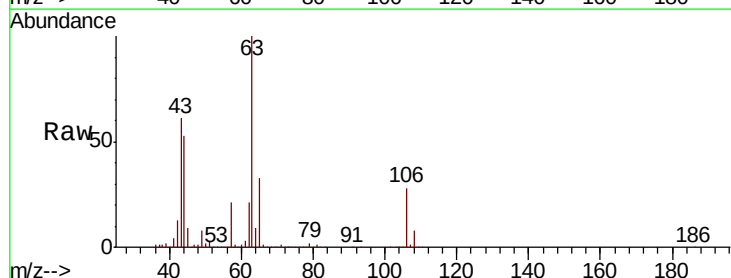
Manual Integrations
 APPROVED

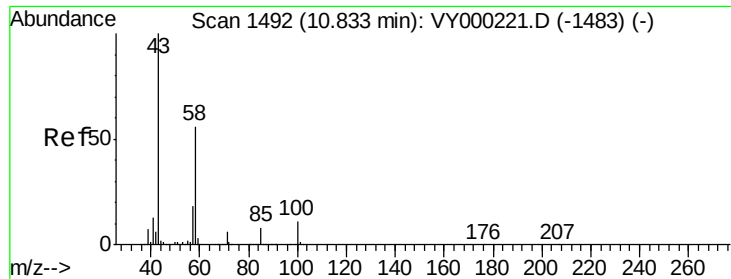
MMDadoda
 10/10/2019 12:52:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 730.763 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion: 63 Resp: 2090117
 Ion Ratio Lower Upper
 63 100
 106 27.4 26.8 40.2





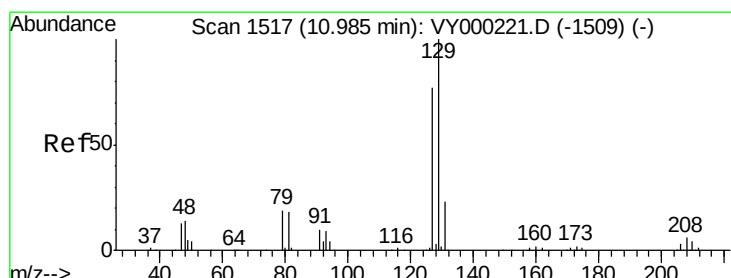
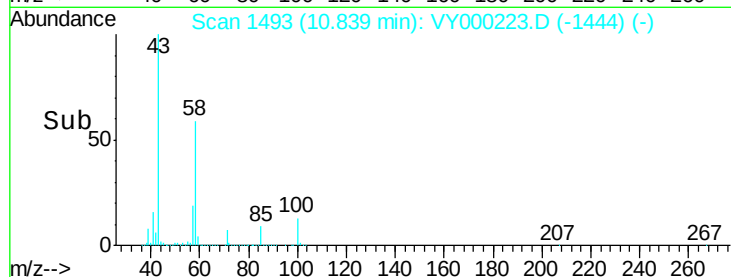
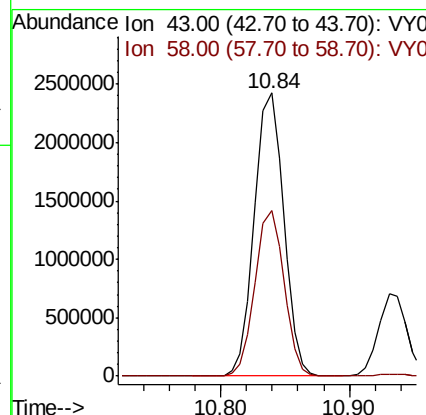
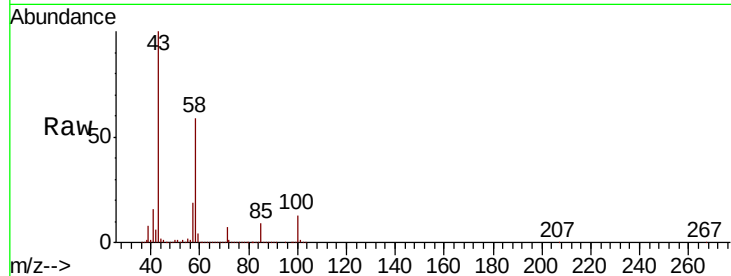
#59
2-Hexanone
Concen: 728.609 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 3823233
Ion Ratio Lower Upper
43 100
58 57.9 28.7 86.1

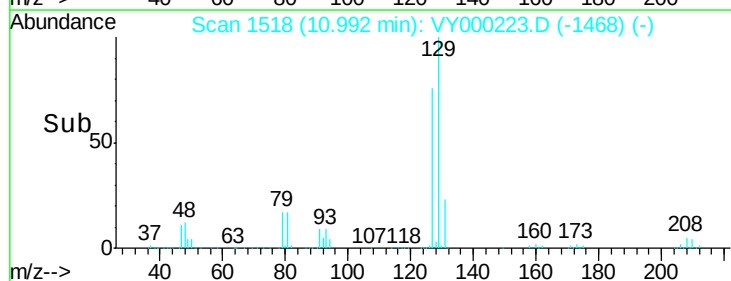
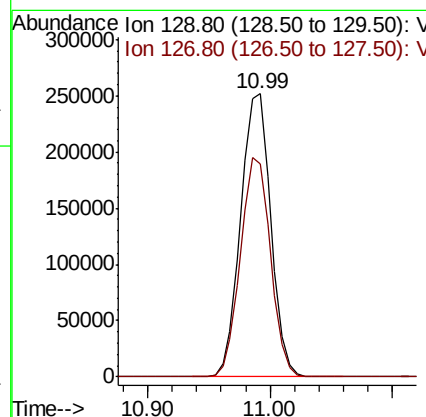
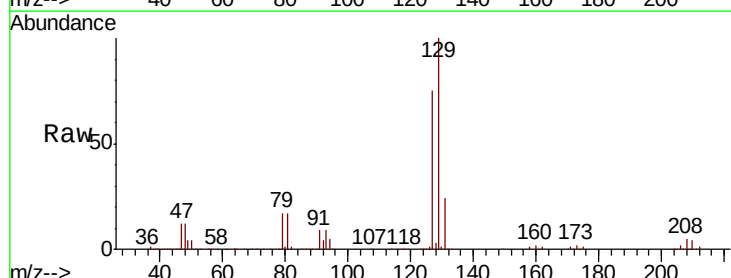
Manual Integrations
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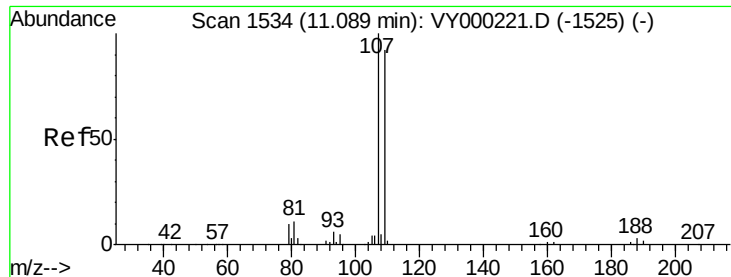
MMDadoda
10/10/2019 12:52:23 AM



#60
Dibromochloromethane
Concen: 116.254 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion: 129 Resp: 428805
Ion Ratio Lower Upper
129 100
127 77.4 39.2 117.6





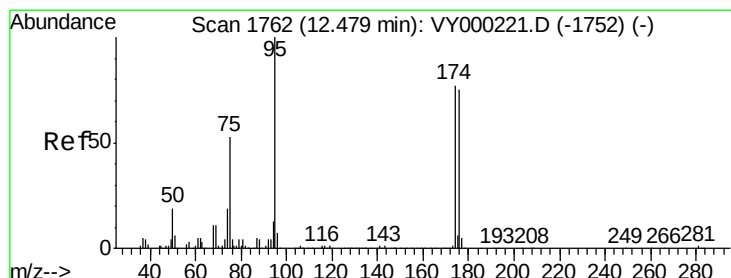
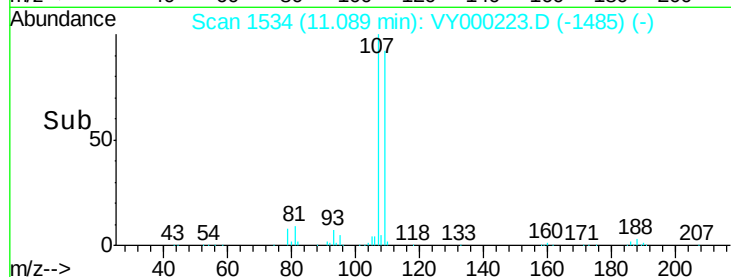
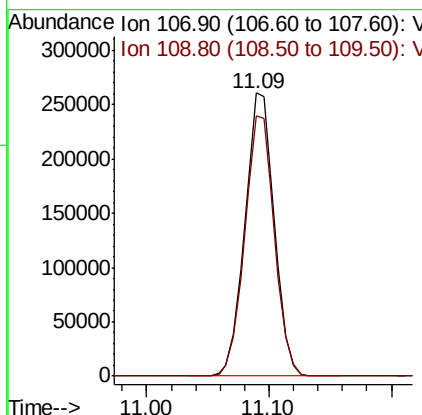
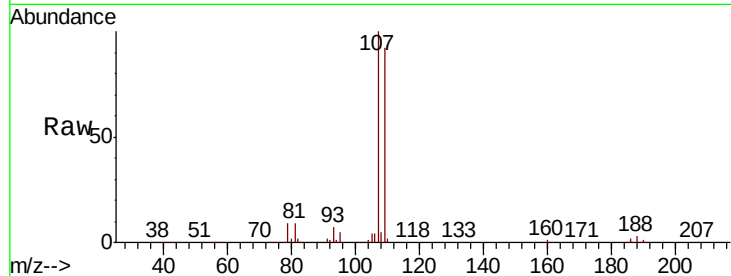
#61
 1,2-Dibromoethane
 Concen: 121.091 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.0	112.6

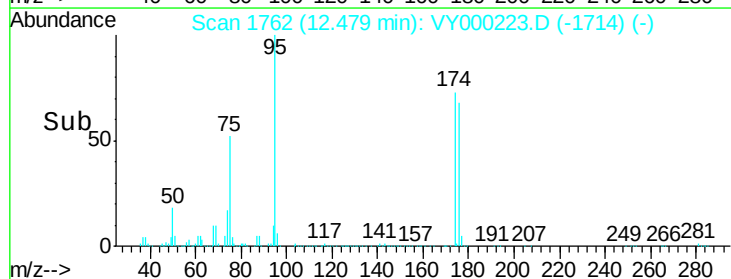
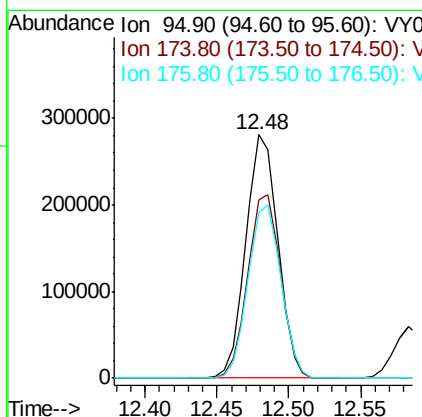
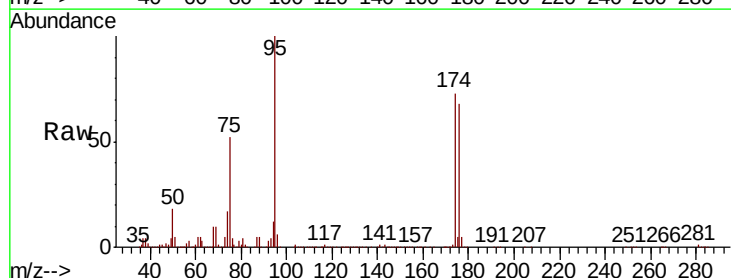
Manual Integrations
 APPROVED

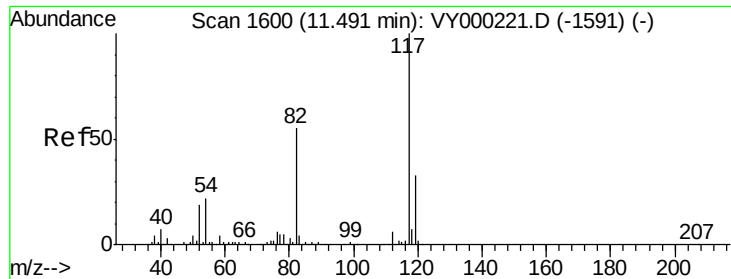
MMDadoda
 10/10/2019 12:52:23 AM



#62
 4-Bromofluorobenzene
 Concen: 110.714 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	188.4
176	73.1	0.0	182.8





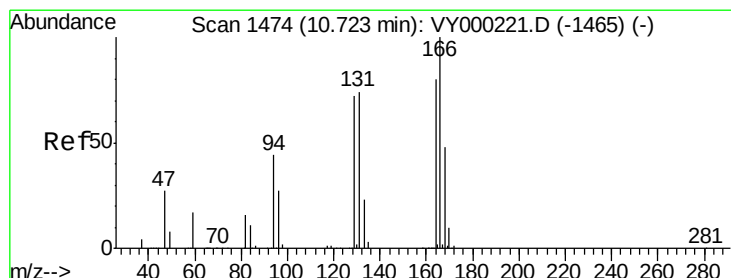
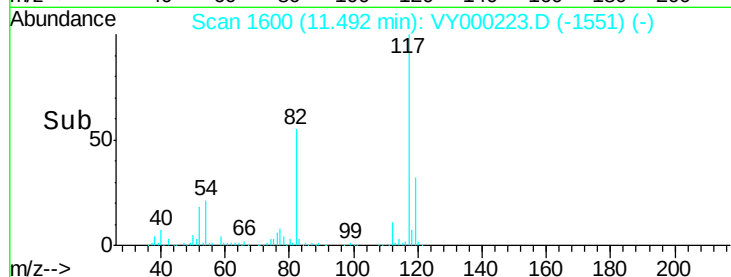
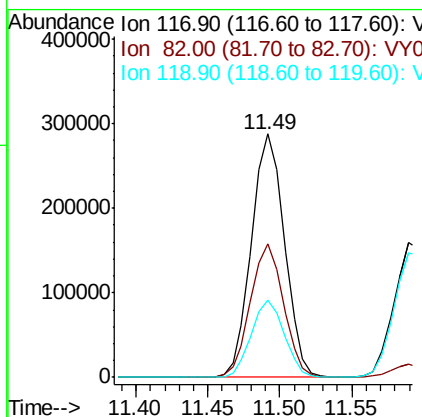
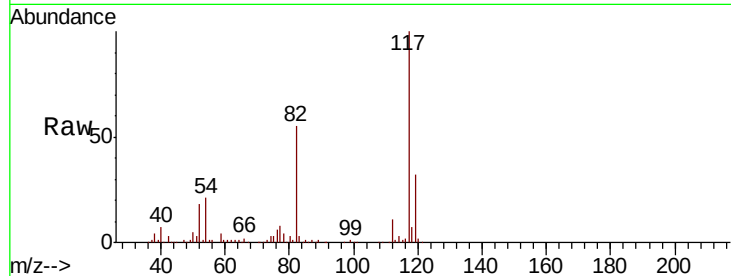
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	456916		
82	55.1	39.4	59.2	
119	31.8	25.8	38.6	

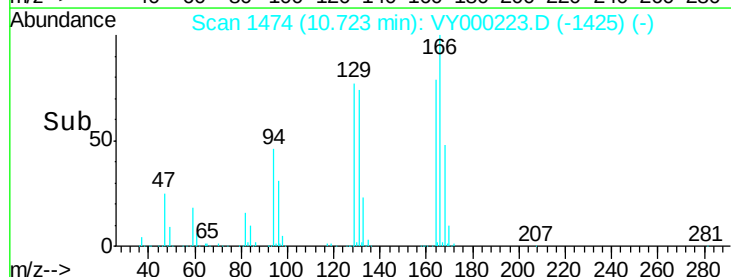
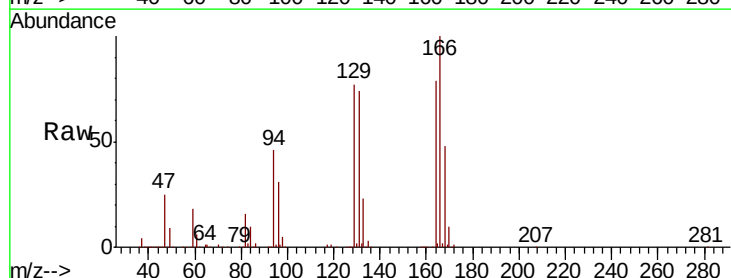
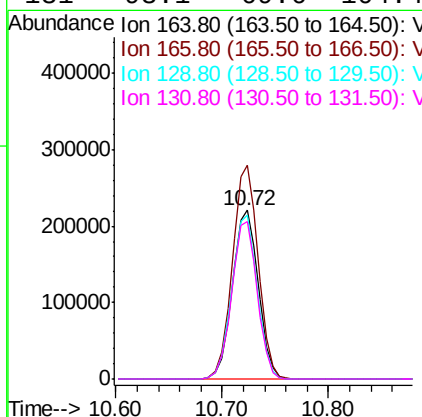
Manual Integrations
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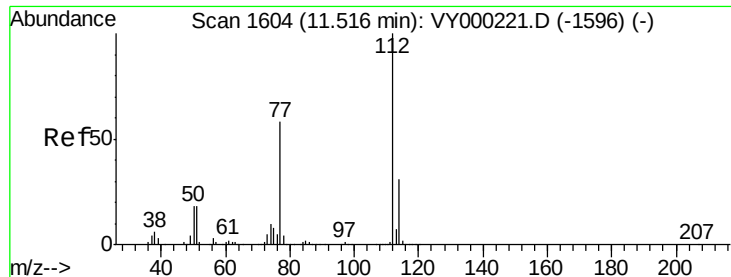
MMDadoda
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#64
Tetrachloroethene
Concen: 92.518 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	375428		
166	126.6	98.4	147.6	
129	96.9	68.6	103.0	
131	93.1	69.6	104.4	





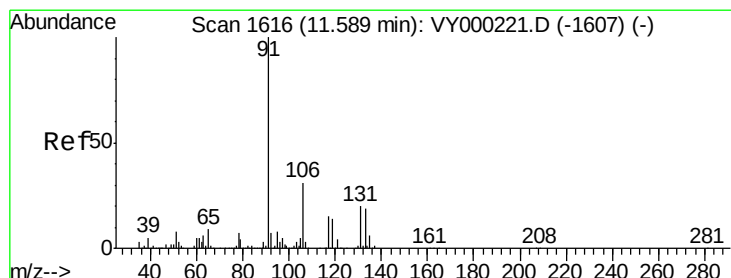
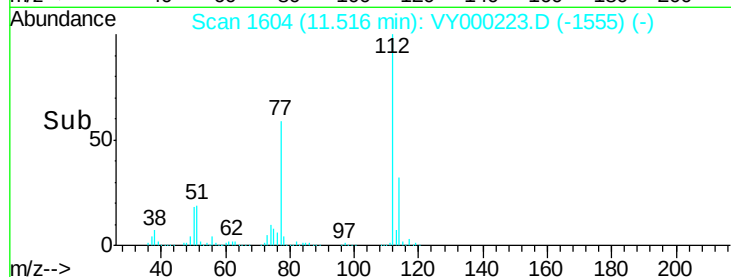
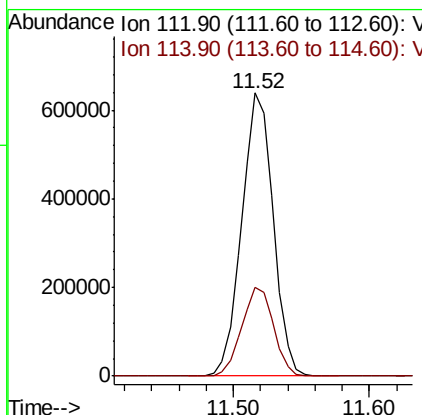
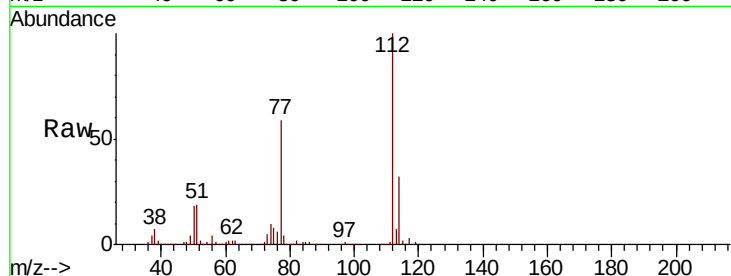
#65
Chlorobenzene
Concen: 115.951 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 1031829
Ion Ratio Lower Upper
112 100
114 31.5 24.4 36.6

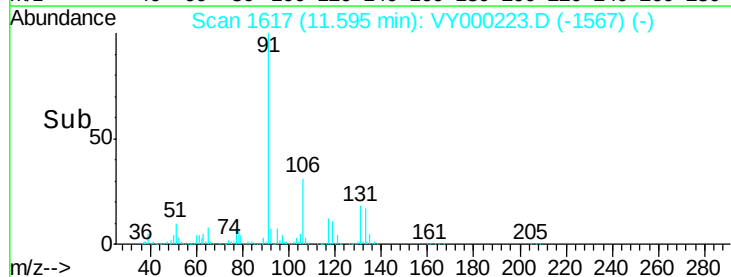
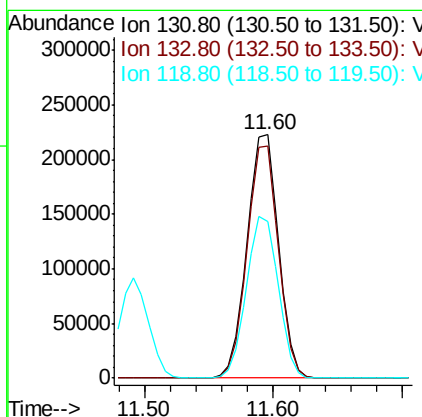
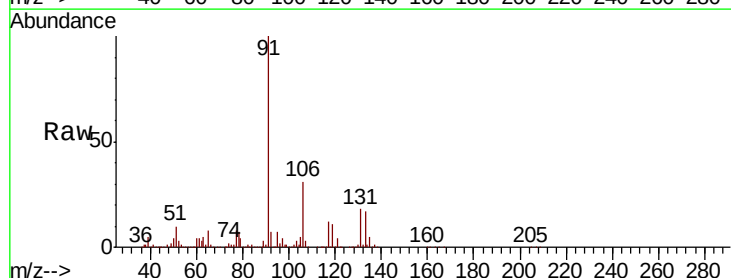
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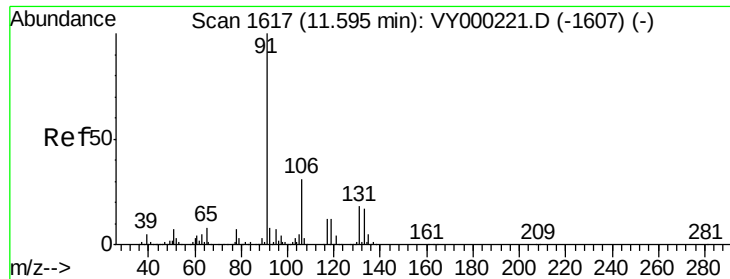
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 112.114 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion:131 Resp: 374047
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.4
119 67.3 31.4 94.3





#67

Ethyl Benzene

Concen: 125.592 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1929320

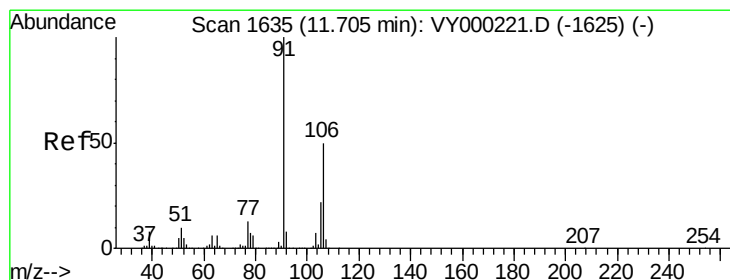
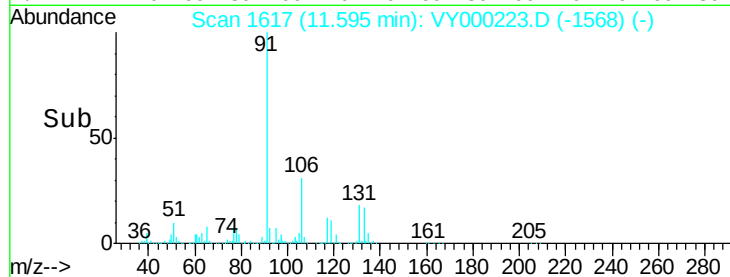
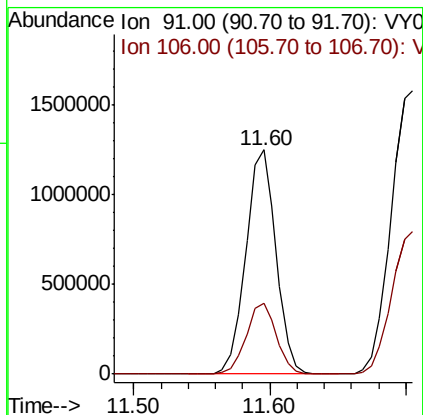
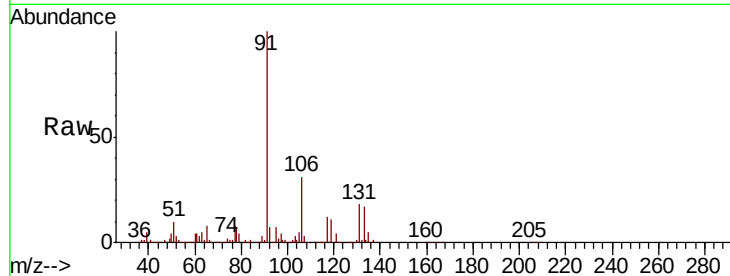
Ion Ratio Lower Upper

91 100

106 31.5 26.9 40.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 240.740 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY000223.D

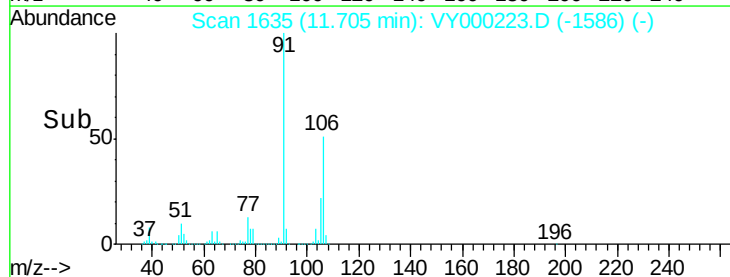
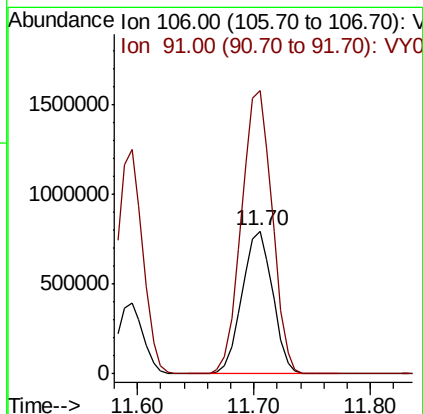
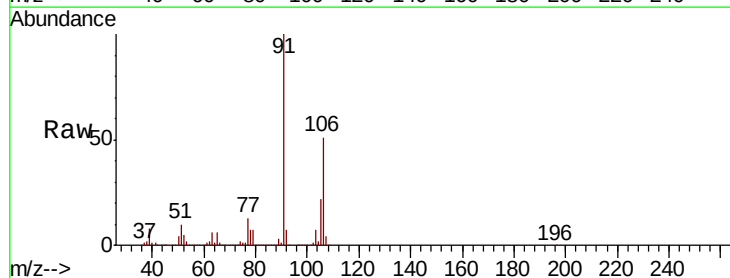
Acq: 08 Oct 2019 14:29

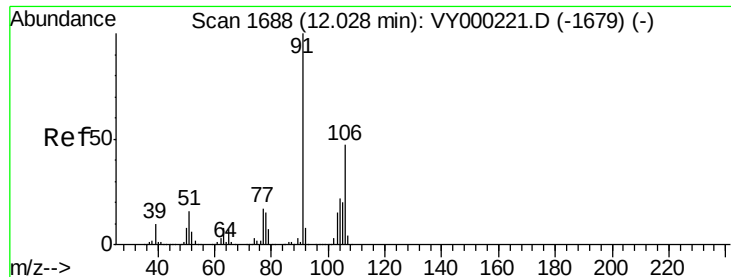
Tgt Ion: 106 Resp: 1458194

Ion Ratio Lower Upper

106 100

91 199.6 153.0 229.6





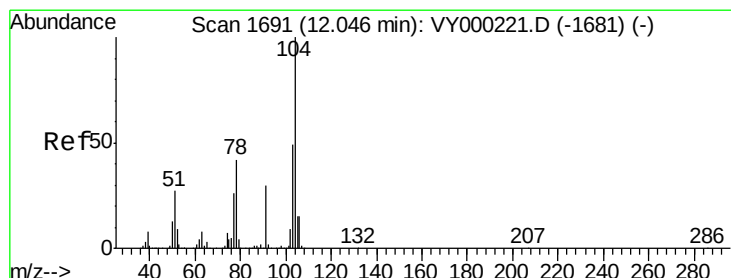
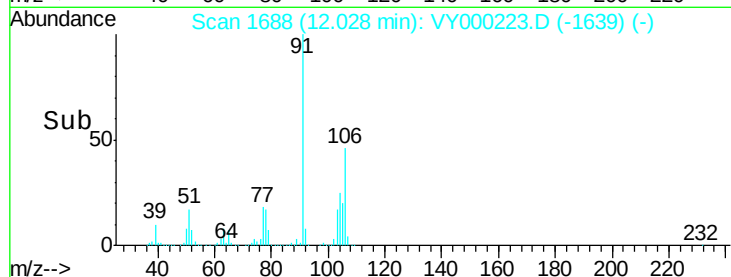
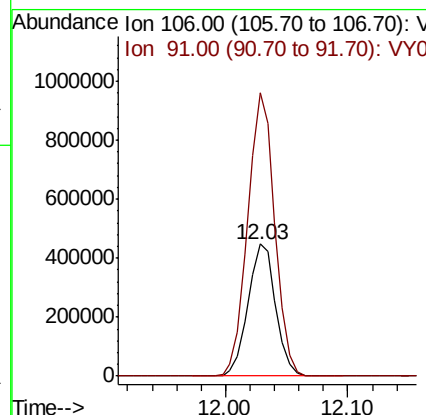
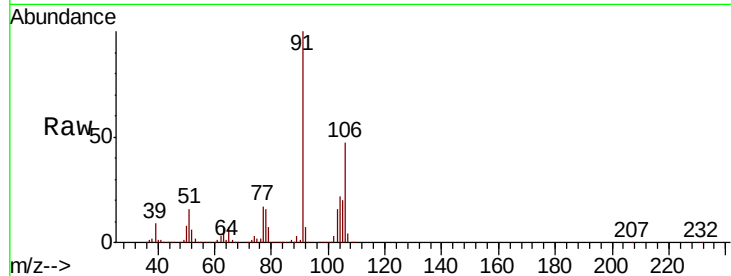
#69
o-Xylene
Concen: 117.364 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.4	100.8	302.6

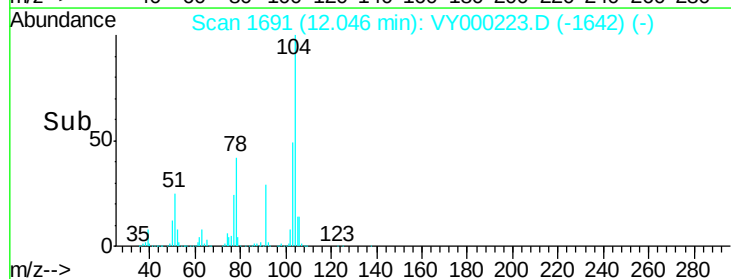
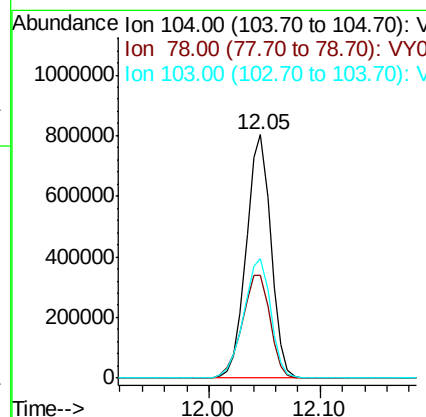
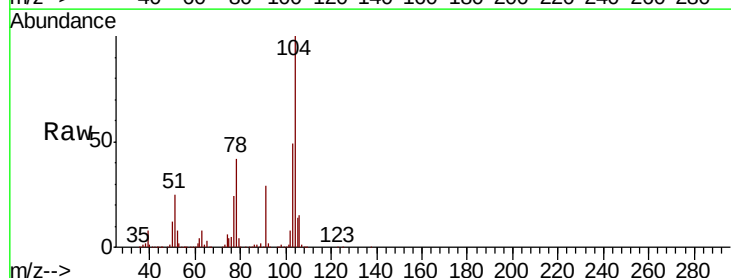
Manual Integrations
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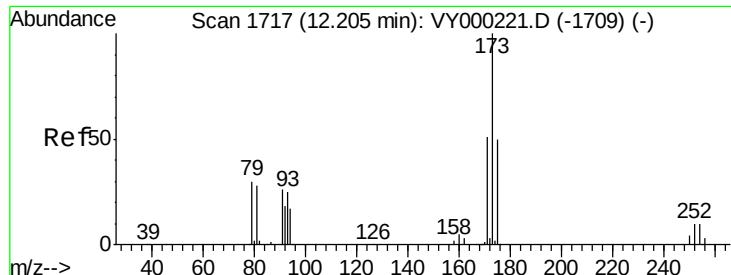
MMDadoda
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#70
Styrene
Concen: 124.330 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	35.6	53.4
103	53.9	42.2	63.4





#71

Bromoform

Concen: 109.145 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 320951

Ion Ratio Lower Upper

173 100

175 47.9 23.9 71.8

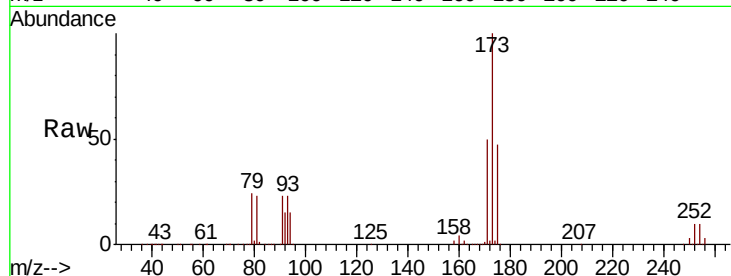
254 0.1 0.0 0.0#

Manual Integrations

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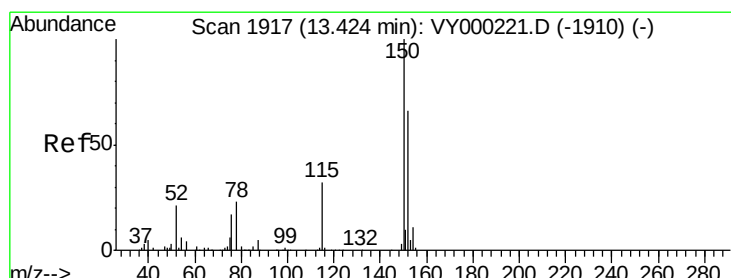
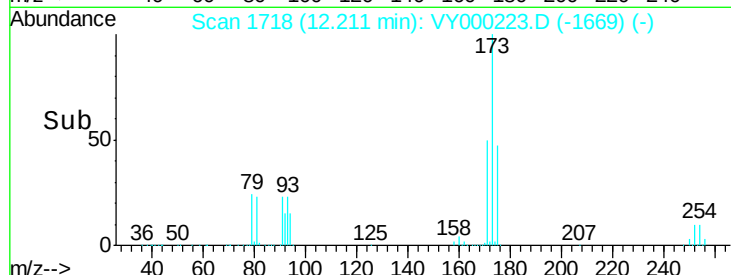
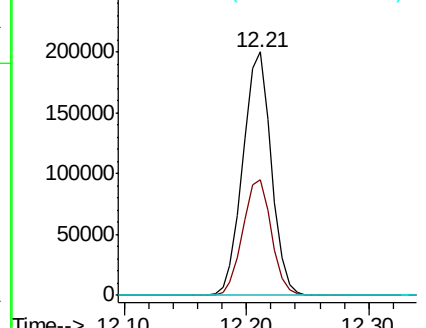
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

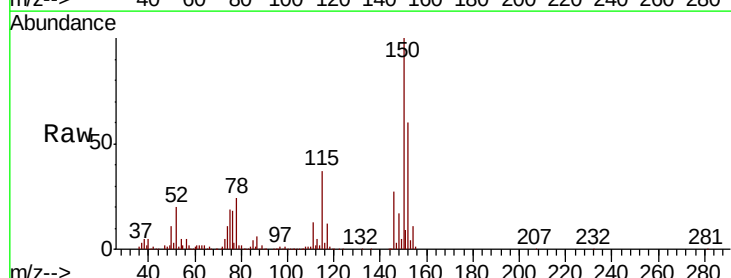
Tgt Ion:152 Resp: 211417

Ion Ratio Lower Upper

152 100

115 60.4 26.0 78.0

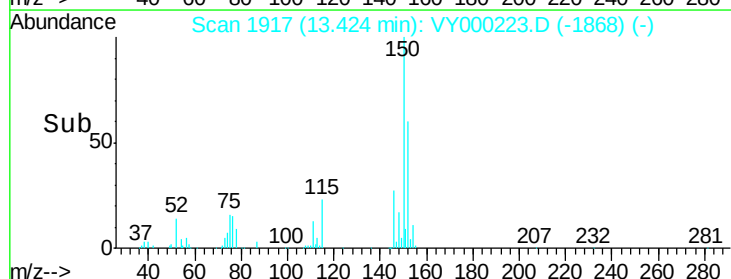
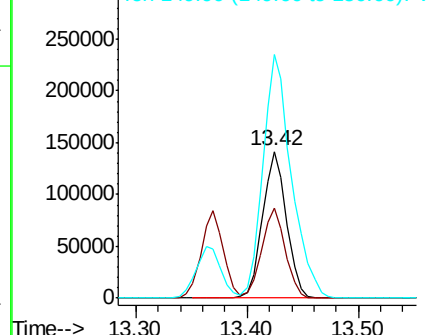
150 197.5 0.0 332.8

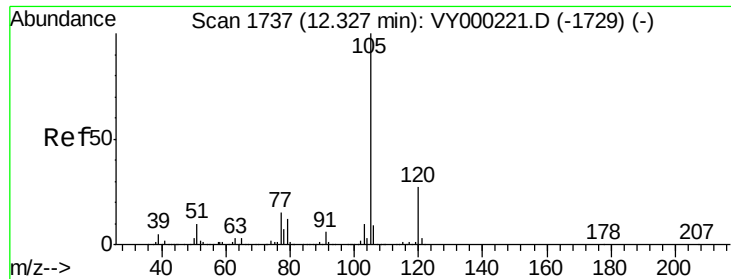


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 131.188 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1849775

Ion Ratio Lower Upper

105 100

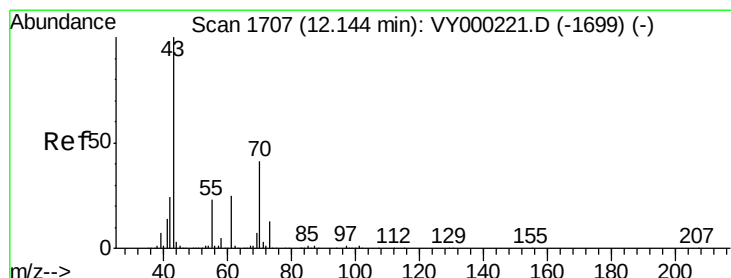
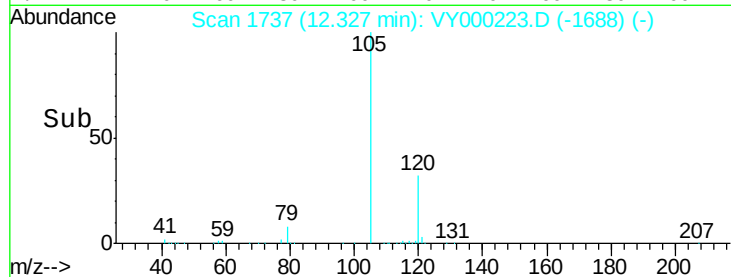
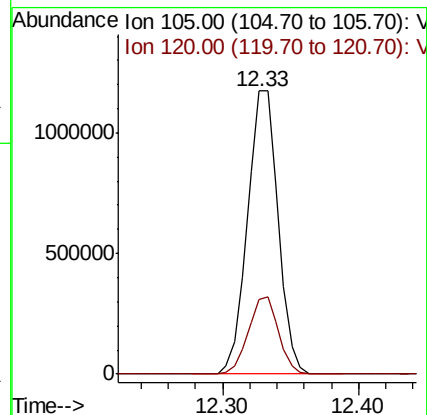
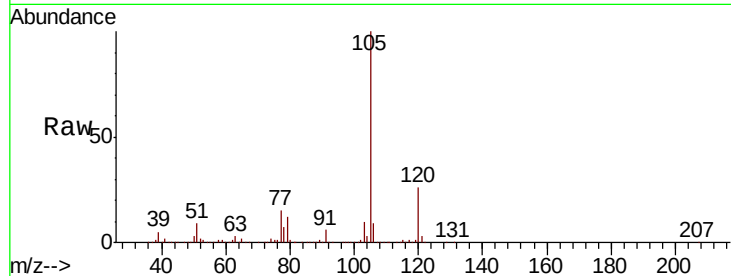
120 26.9 14.4 43.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 171.789 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Tgt Ion: 43 Resp: 937685

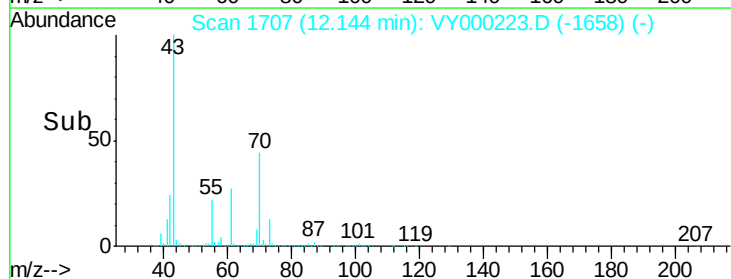
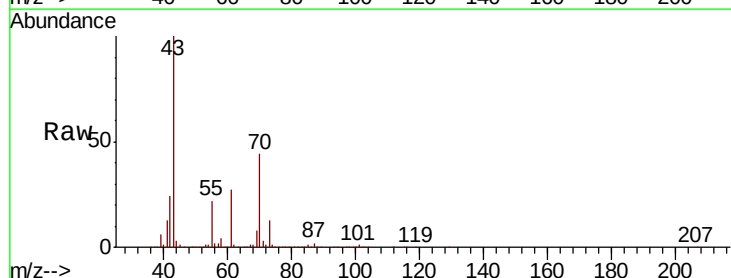
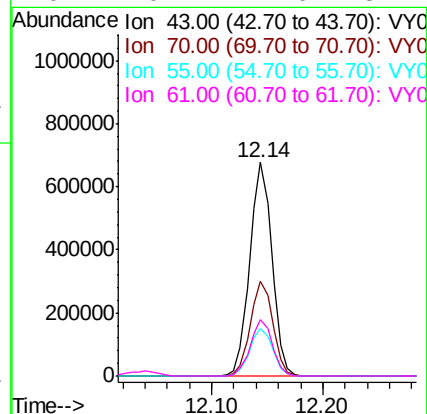
Ion Ratio Lower Upper

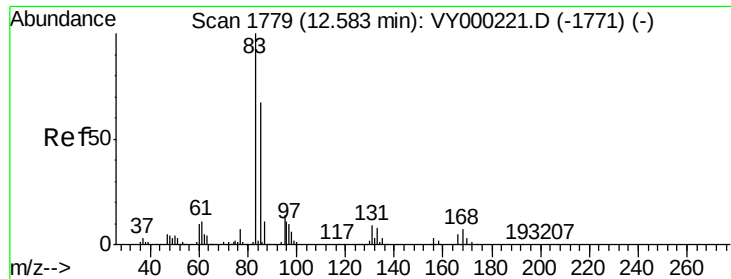
43 100

70 45.1 37.4 56.2

55 23.2 18.6 27.8

61 26.1 21.0 31.4





#75

1,1,2,2-Tetrachloroethane

Concen: 140.911 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

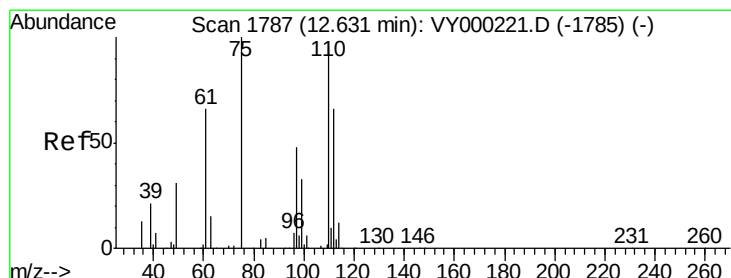
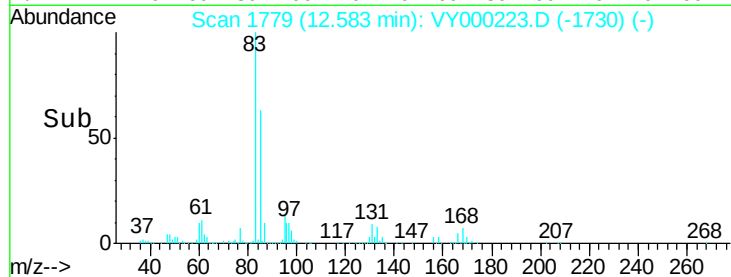
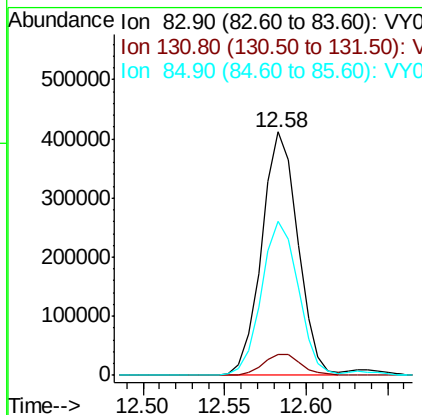
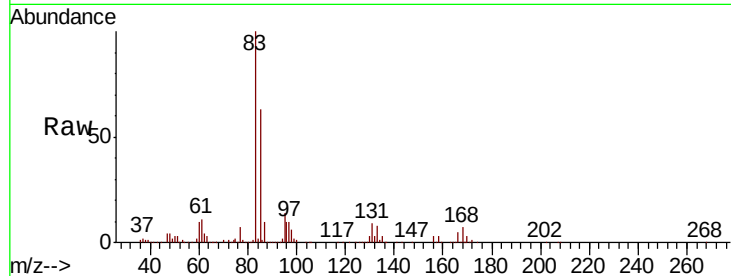
ClientSampleId :

VSTDICC100

Tot Ion:	83	Resp:	631915
Ion Ratio		Lower	Upper
83	100		
131	9.3	5.9	17.6
85	64.4	32.6	98.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 91.501 ug/l m

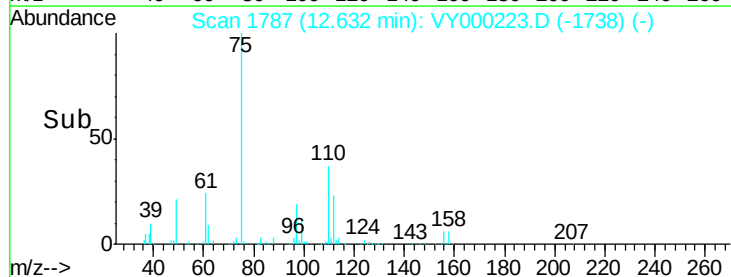
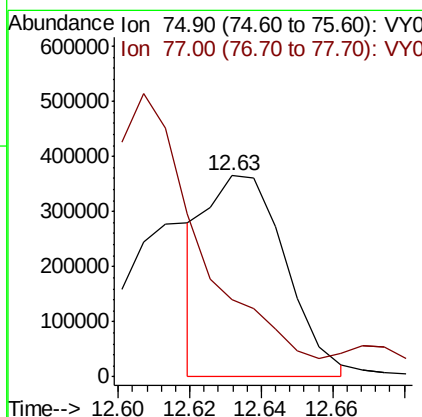
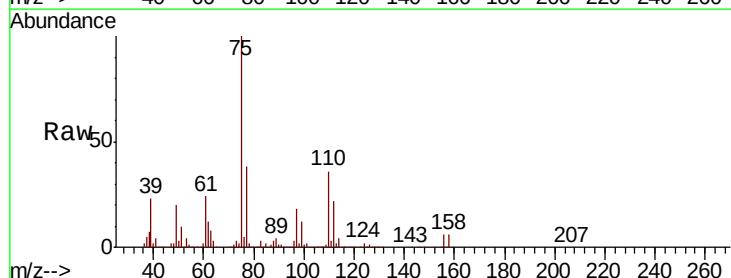
RT: 12.63 min Scan# 1787

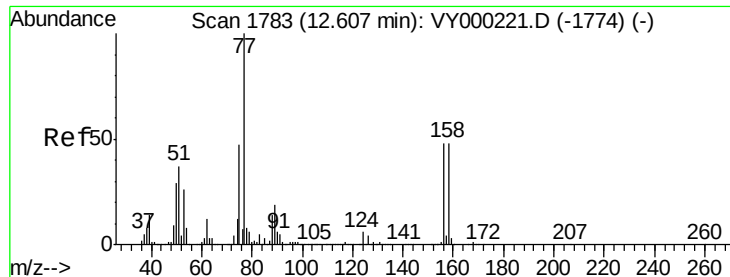
Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Tgt Ion:	75	Resp:	557613
Ion Ratio		Lower	Upper
75	100		
77	0.0	0.0	0.0





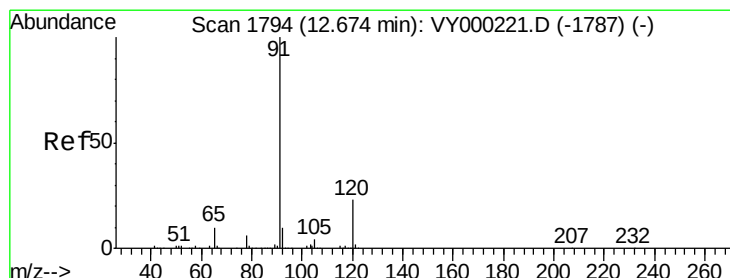
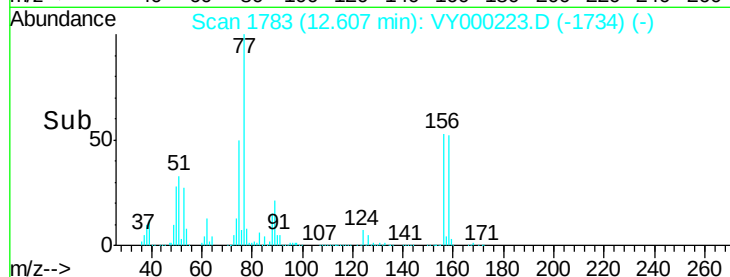
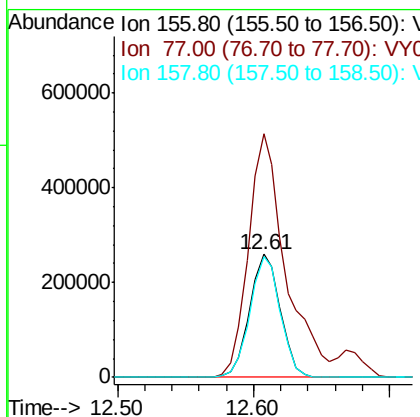
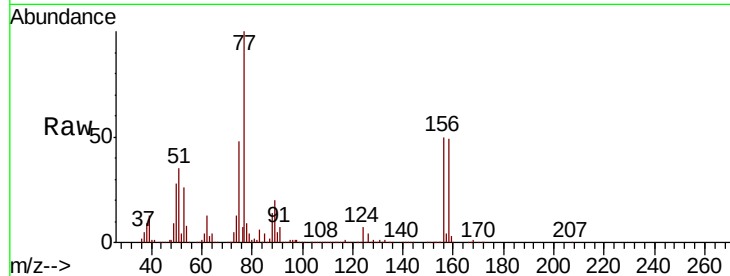
#77
Bromobenzene
Concen: 110.752 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	240.1	93.3	279.8
158	97.2	49.3	147.8

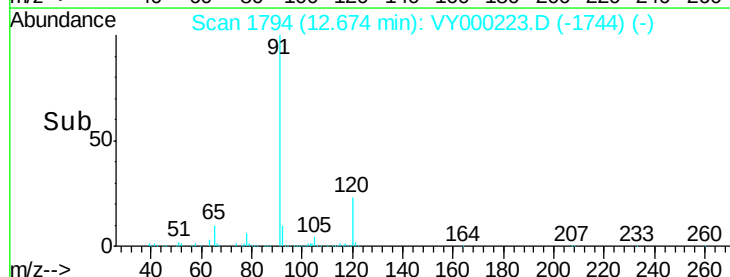
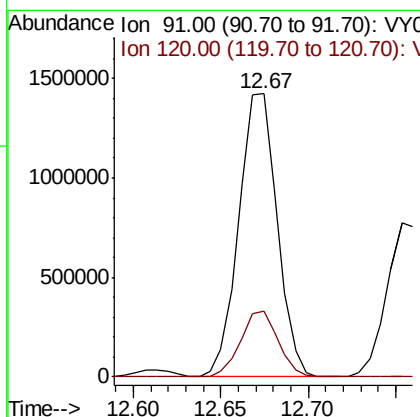
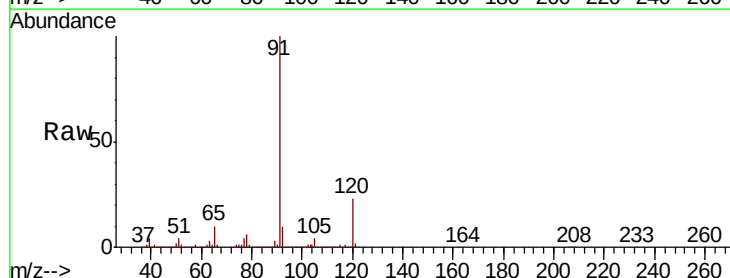
Manual Integrations
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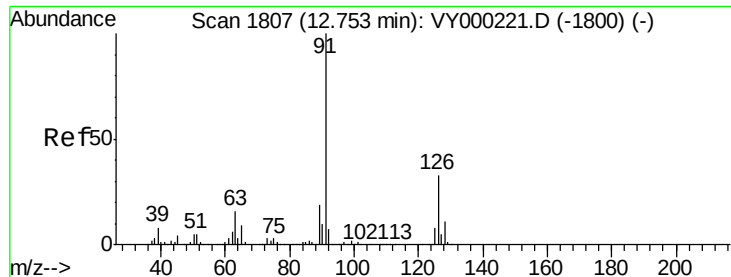
MMDadoda
10/10/2019 12:52:23 AM



#78
n-propylbenzene
Concen: 135.466 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.01 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	12.5	37.5





#79

2-Chlorotoluene

Concen: 134.456 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1220566

Ion Ratio Lower Upper

91 100

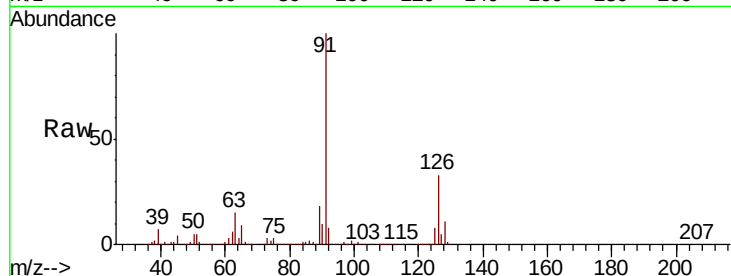
126 33.5 18.9 56.7

Manual Integrations

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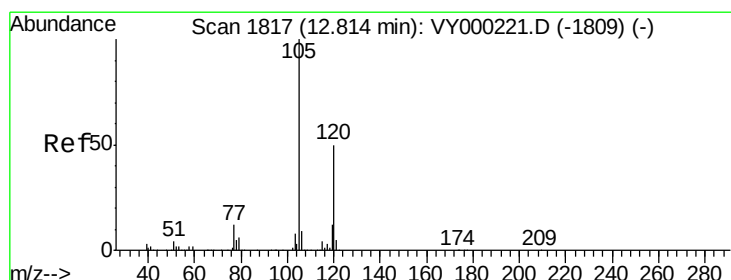
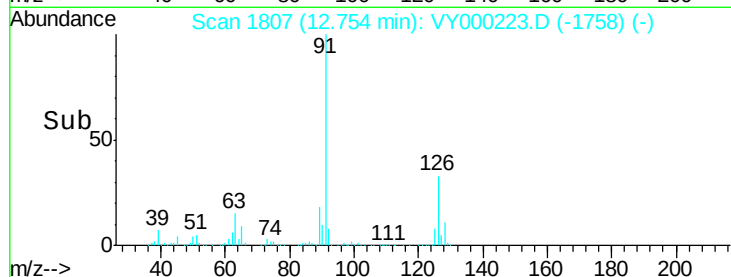
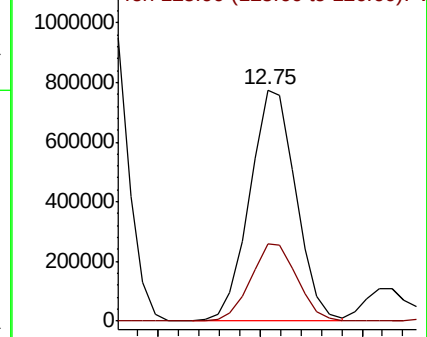
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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 129.578 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000223.D

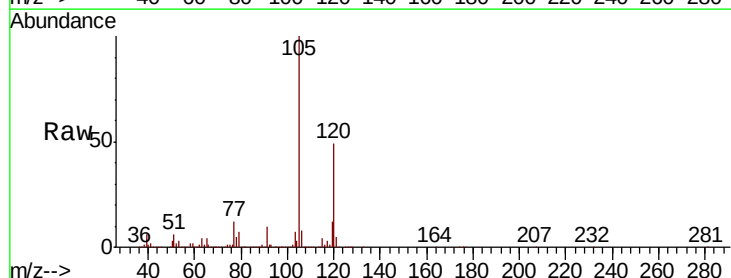
Acq: 08 Oct 2019 14:29

Tgt Ion: 105 Resp: 1536512

Ion Ratio Lower Upper

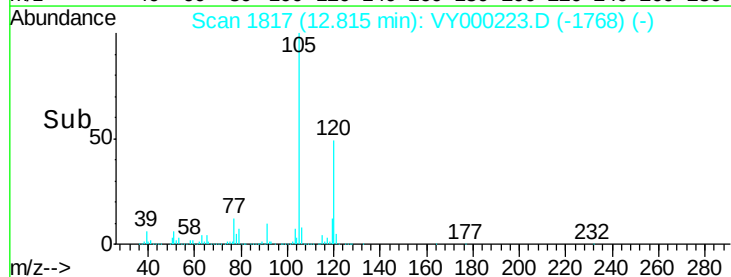
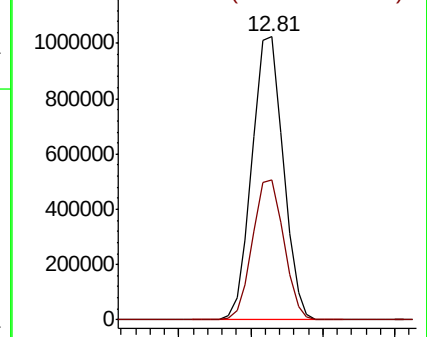
105 100

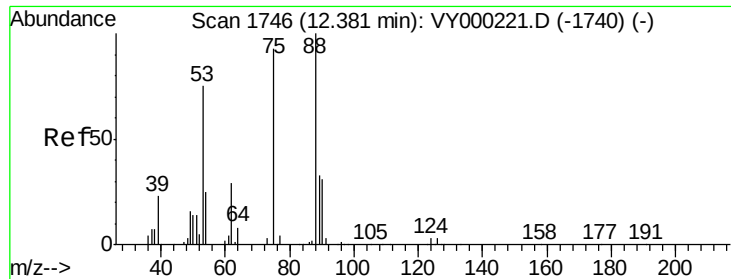
120 49.5 26.3 78.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 157.929 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

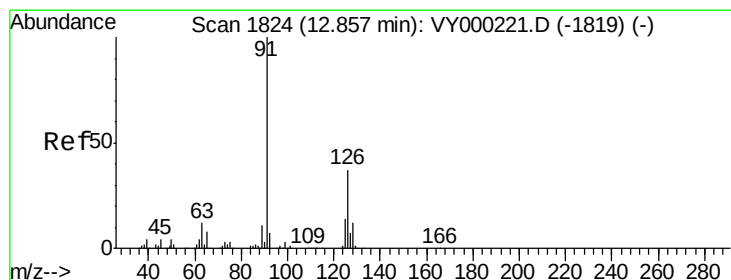
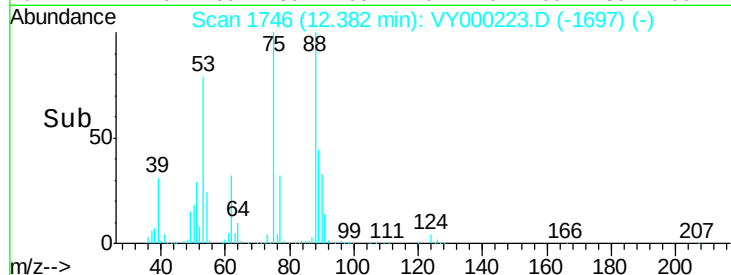
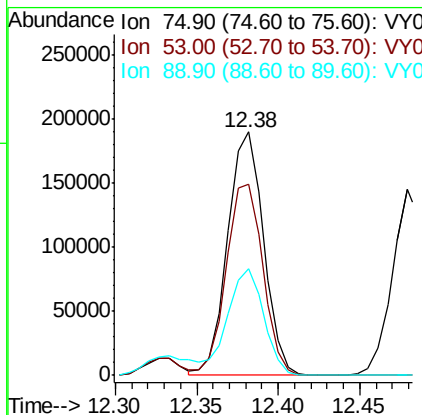
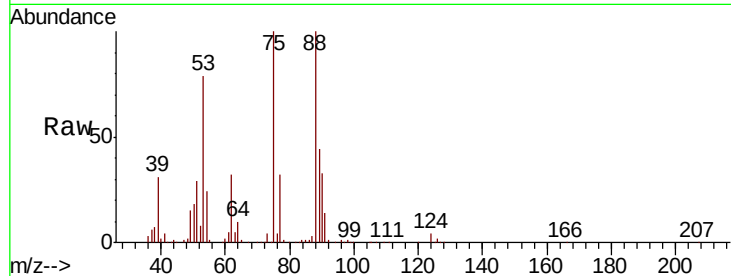
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	289573
Ion Ratio	Lower	Upper	
75	100		
53	81.0	68.1	102.1
89	44.5	40.6	61.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 137.408 ug/l

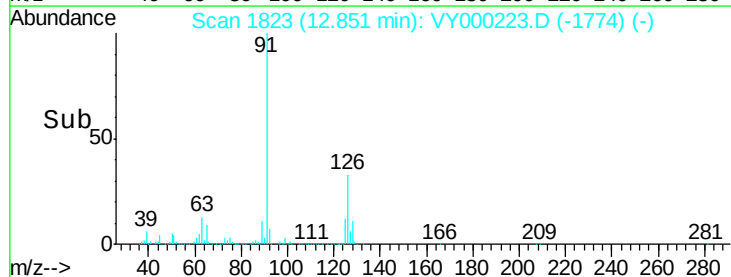
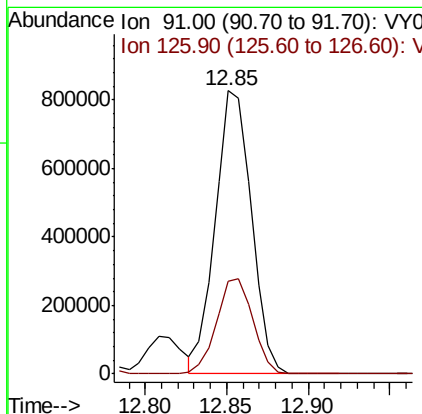
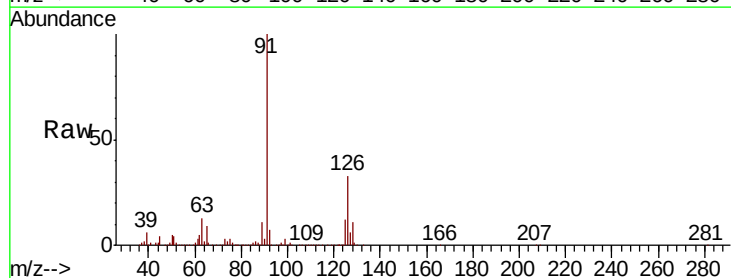
RT: 12.85 min Scan# 1823

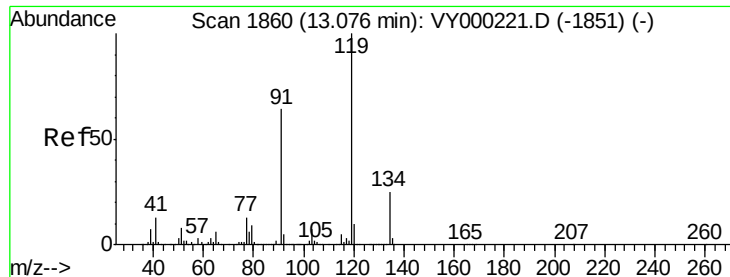
Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Tgt Ion:	91	Resp:	1275390
Ion Ratio	Lower	Upper	
91	100		
126	34.0	18.9	56.9





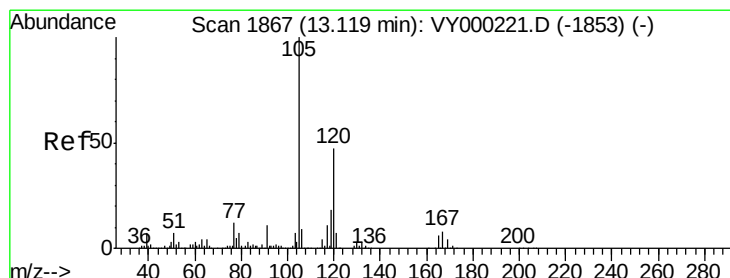
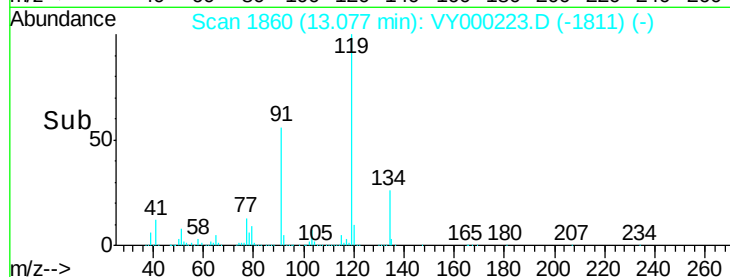
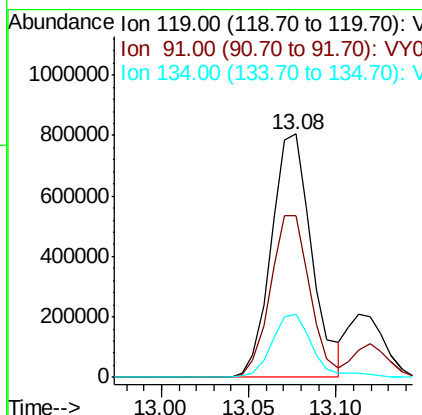
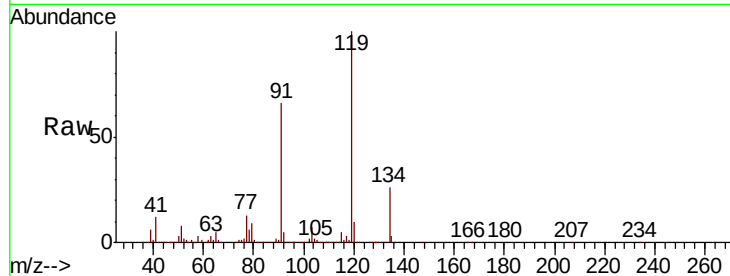
#83
 tert-Butylbenzene
 Concen: 120.778 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.0	30.4	91.3
134	26.4	13.7	41.0

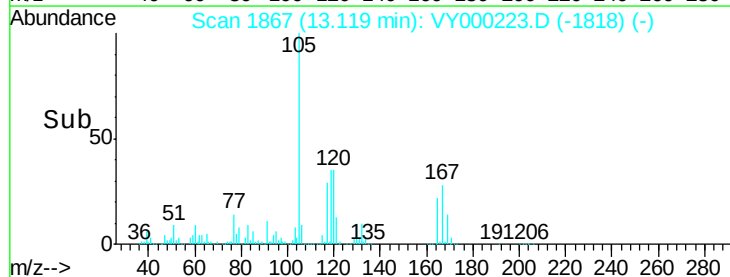
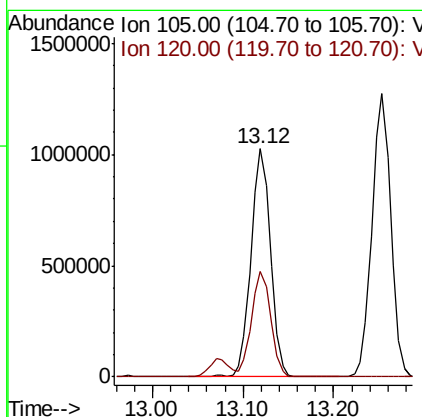
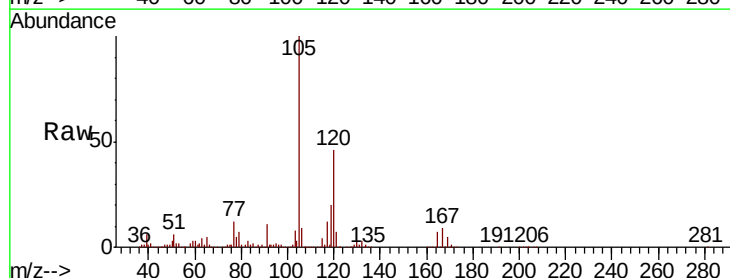
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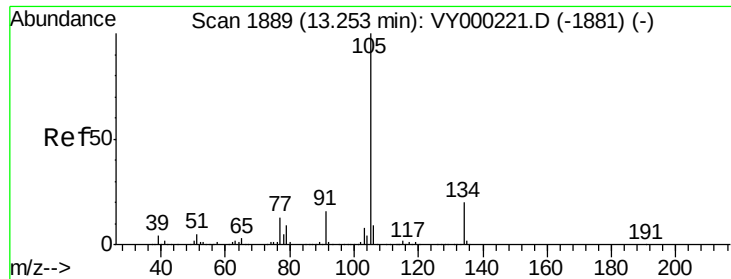
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#84
 1,2,4-Trimethylbenzene
 Concen: 130.390 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.6	71.0





#85

sec-Butylbenzene

Concen: 126.443 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion:105 Resp: 1836051

Ion Ratio Lower Upper

105 100

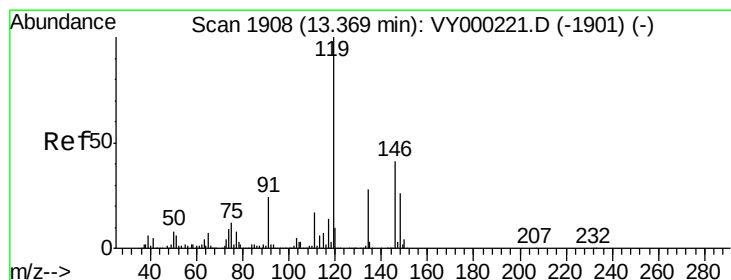
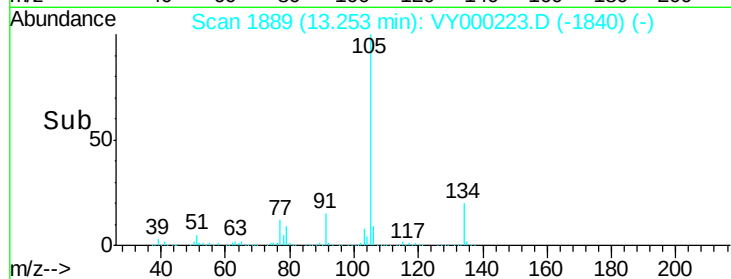
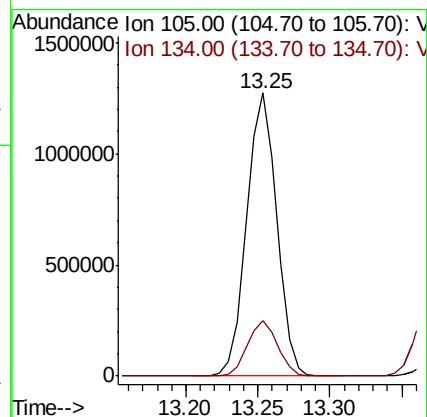
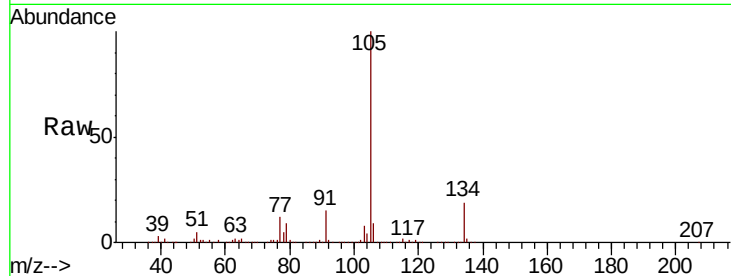
134 19.5 11.0 33.0

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#86

p-Isopropyltoluene

Concen: 123.282 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

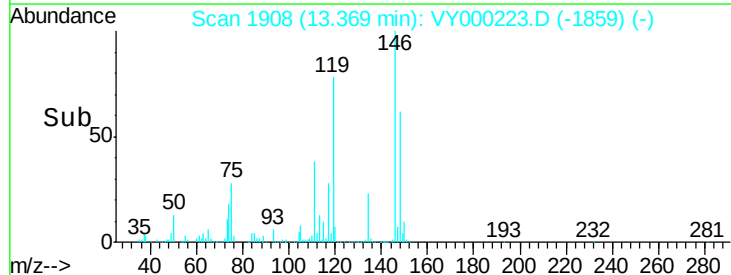
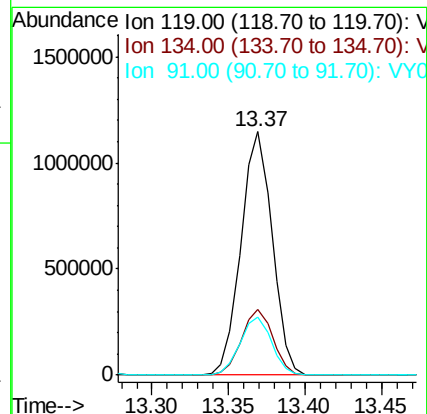
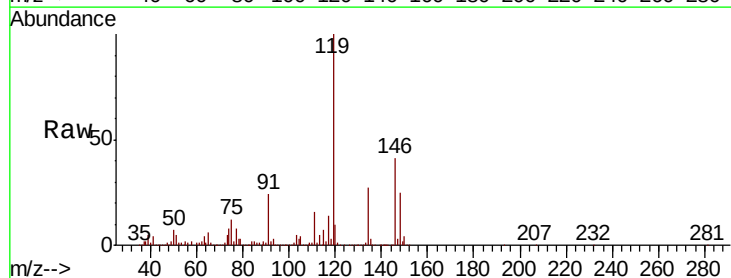
Tgt Ion:119 Resp: 1626062

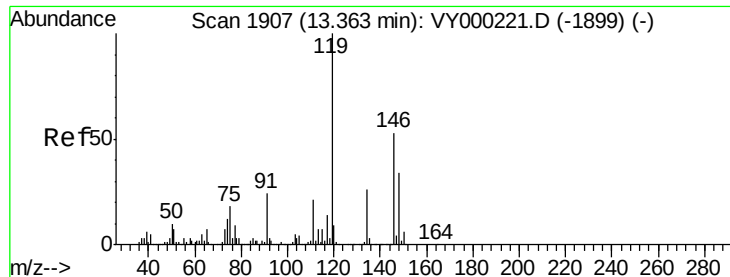
Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

91 23.9 10.9 32.9





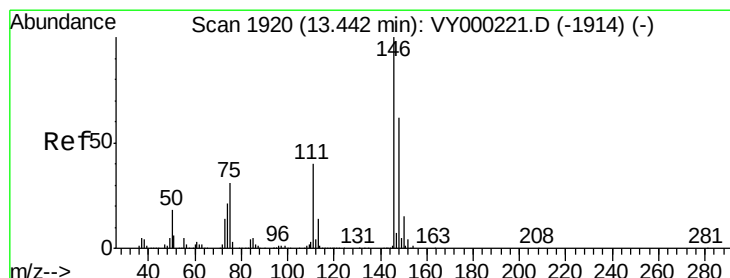
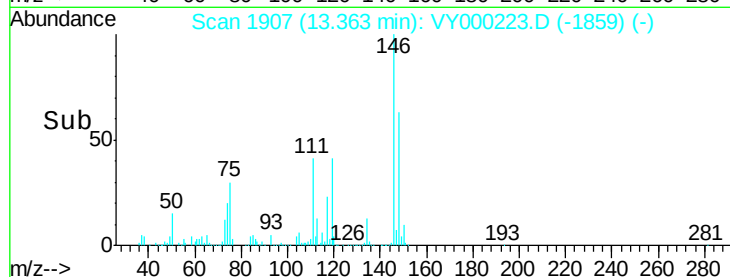
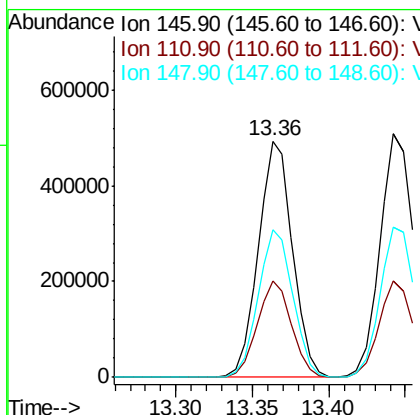
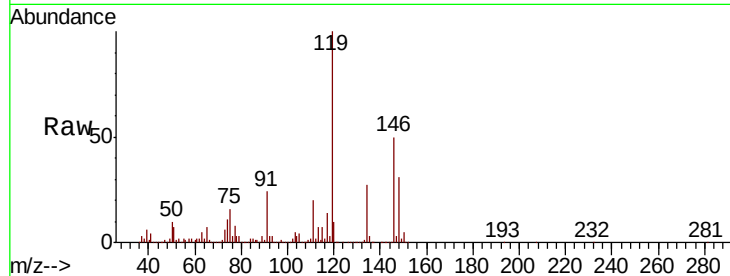
#87
 1,3-Dichlorobenzene
 Concen: 112.535 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	18.0	54.0
148	63.2	31.9	95.5

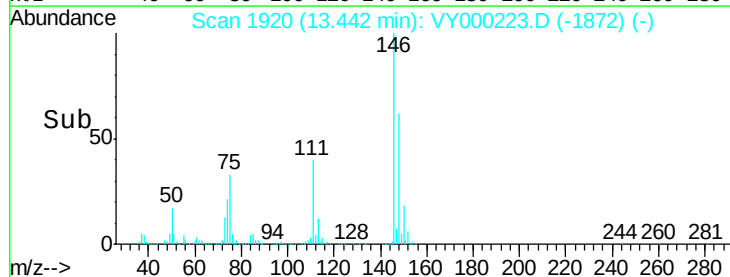
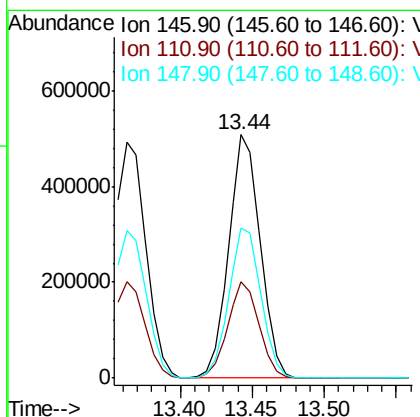
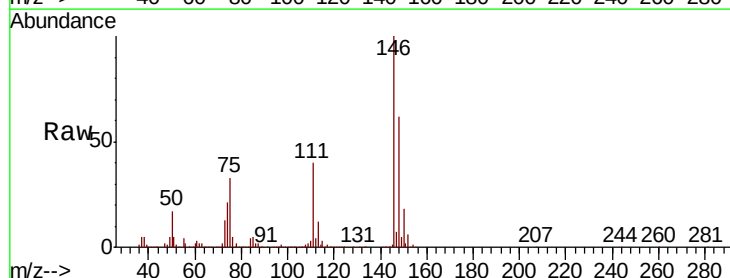
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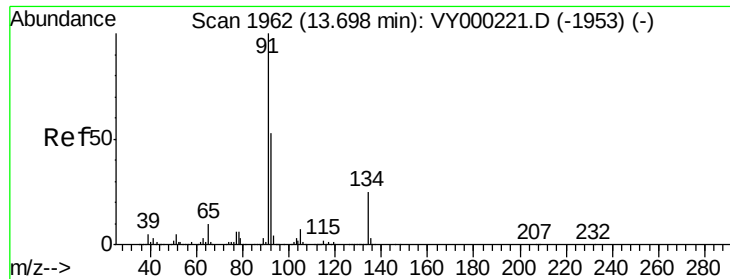
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#88
 1,4-Dichlorobenzene
 Concen: 113.380 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.1	54.1
148	63.0	31.9	95.7





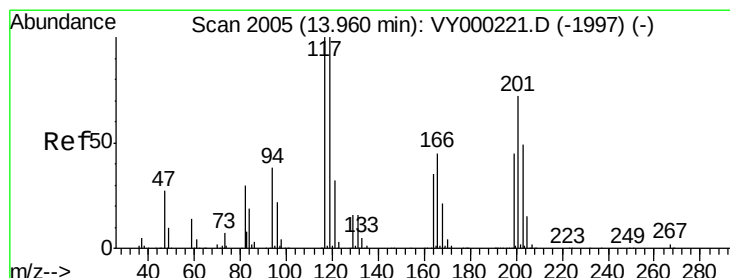
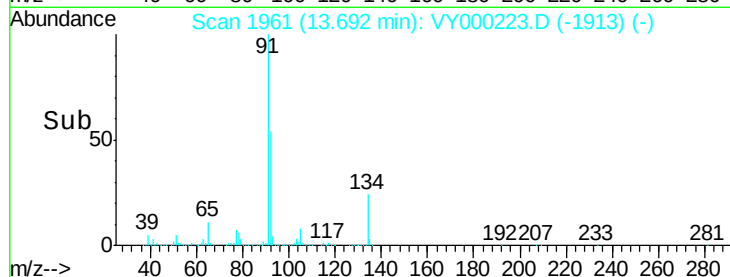
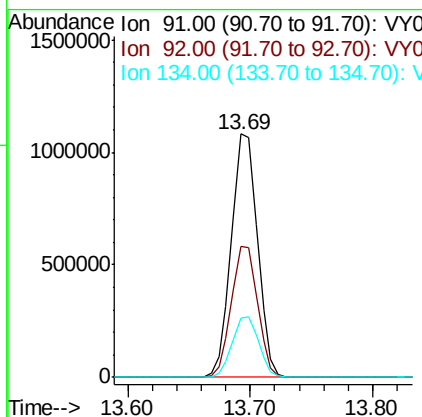
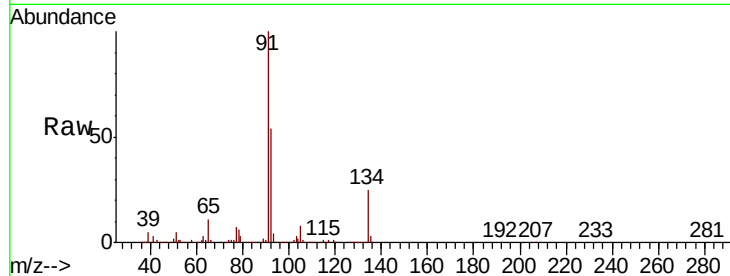
#89
n-Butylbenzene
Concen: 137.682 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.0	81.0
134	25.1	14.6	44.0

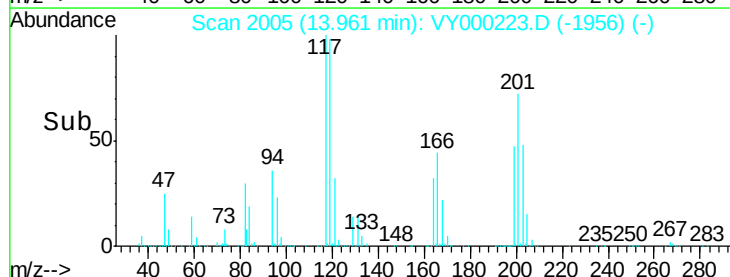
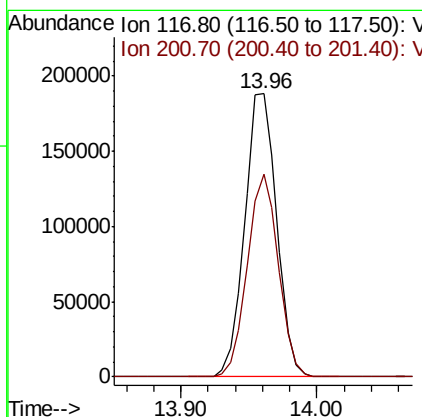
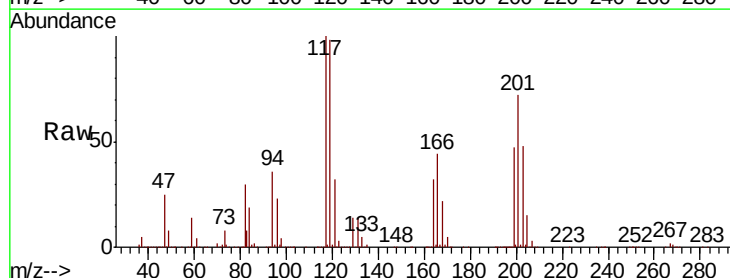
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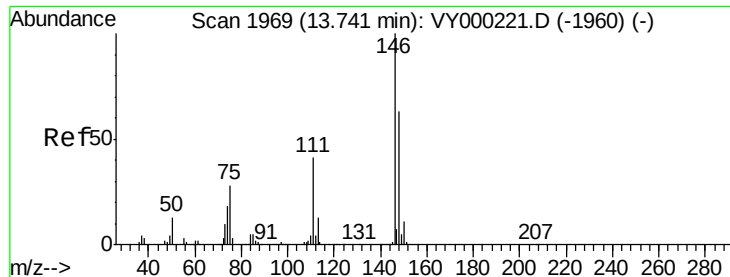
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#90
Hexachloroethane
Concen: 124.913 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.8	41.2	123.6





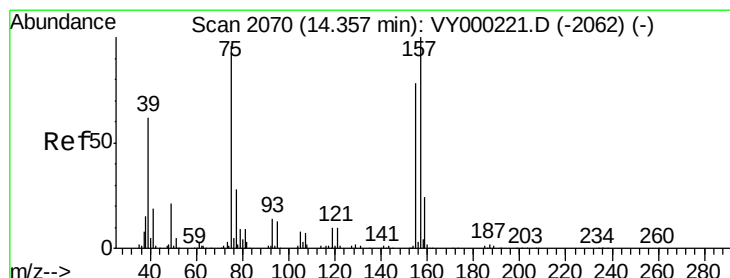
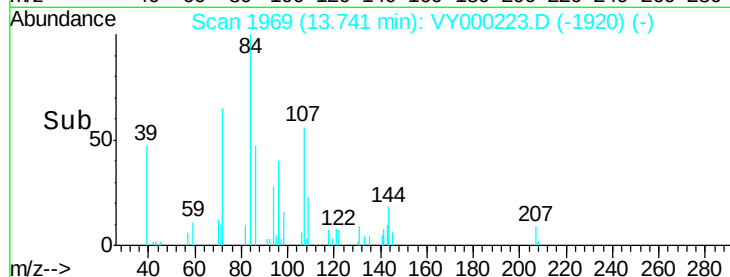
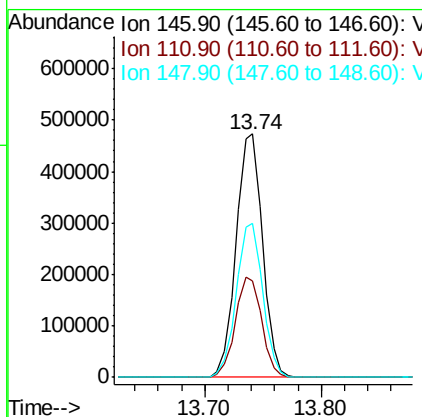
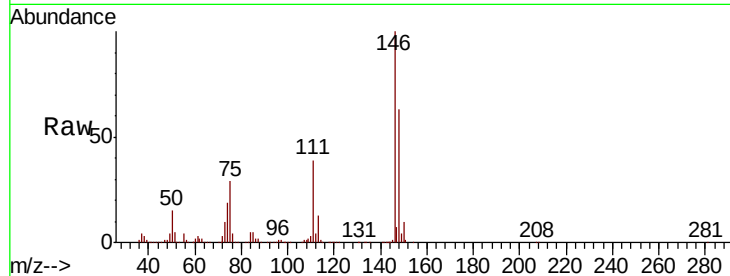
#91
 1,2-Dichlorobenzene
 Concen: 113.158 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.5	58.5
148	63.2	31.4	94.3

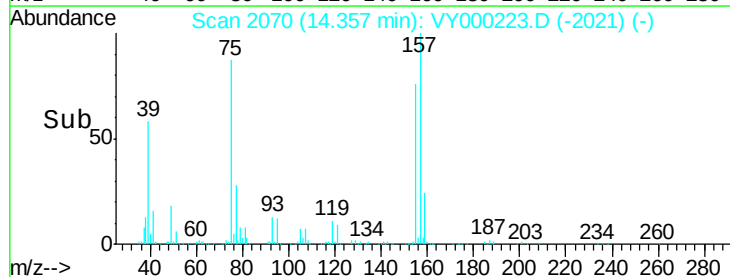
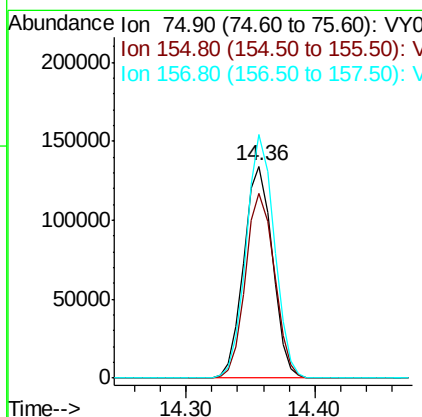
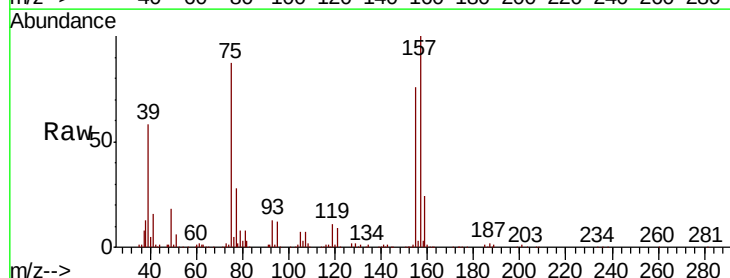
Manual Integrations
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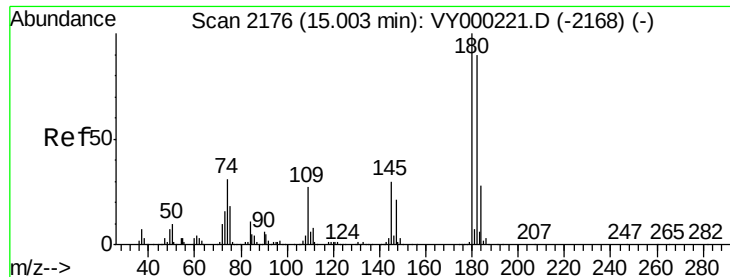
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 141.235 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	52.0	156.0
157	112.5	65.8	197.3





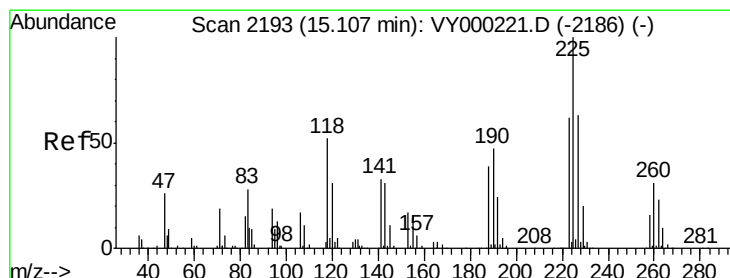
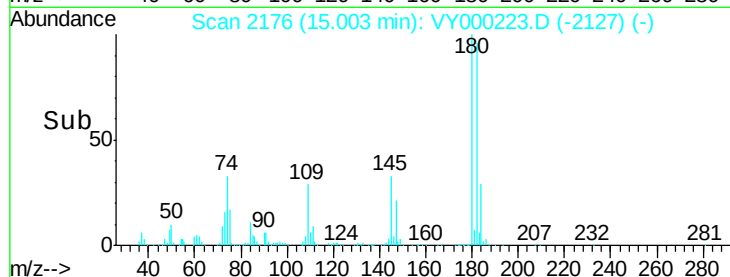
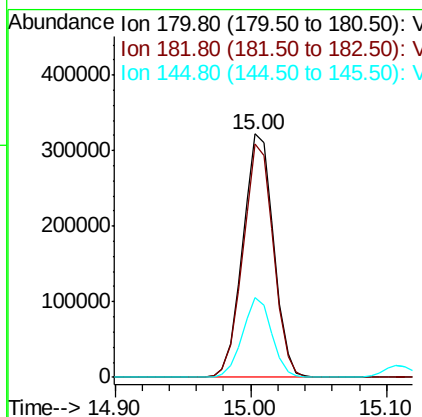
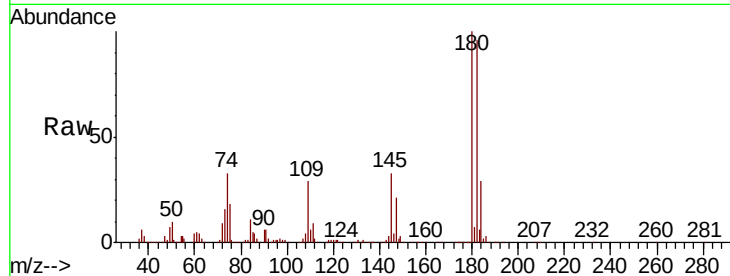
#93
 1,2,4-Trichlorobenzene
 Concen: 106.992 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	509163		
182	94.6		47.4	142.2
145	31.3		14.1	42.3

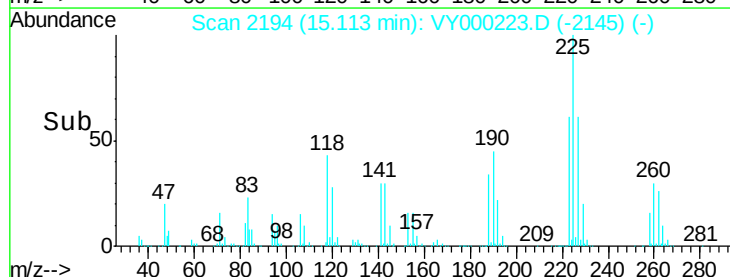
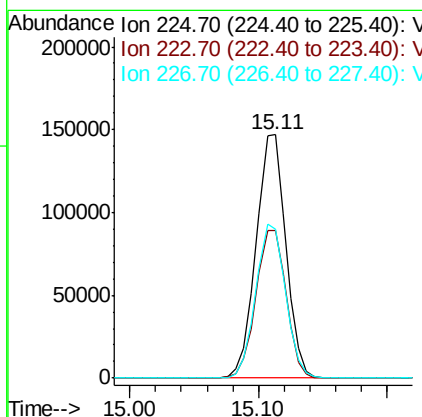
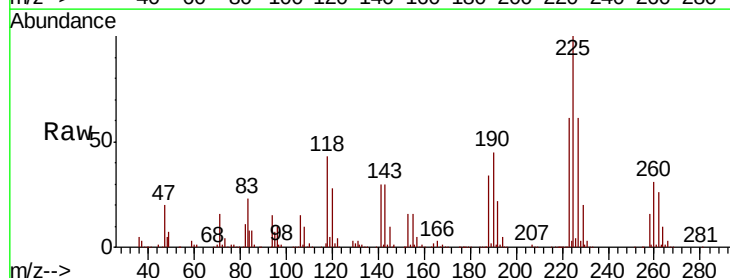
Manual Integrations
 APPROVED

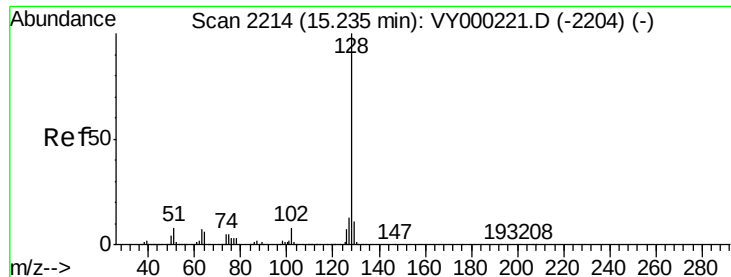
MMDadoda
 10/10/2019 12:52:23 AM



#94
 Hexachlorobutadiene
 Concen: 92.063 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	234133		
223	61.6		31.9	95.5
227	63.3		32.5	97.5





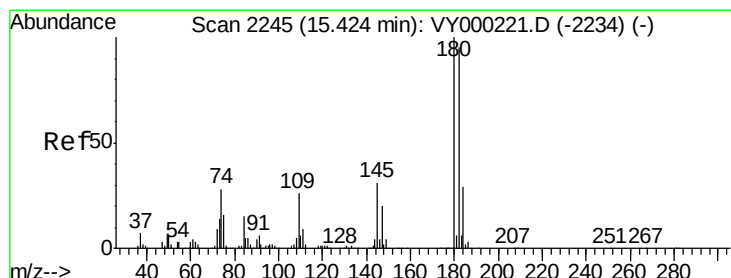
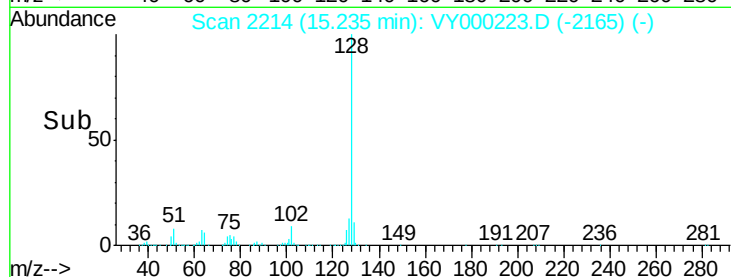
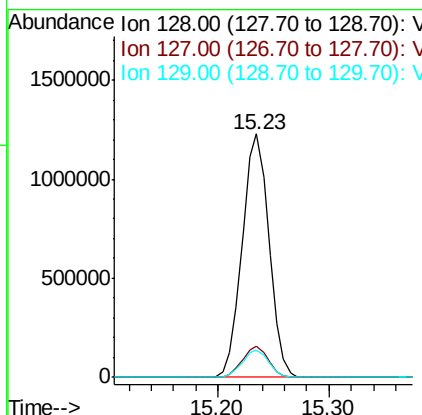
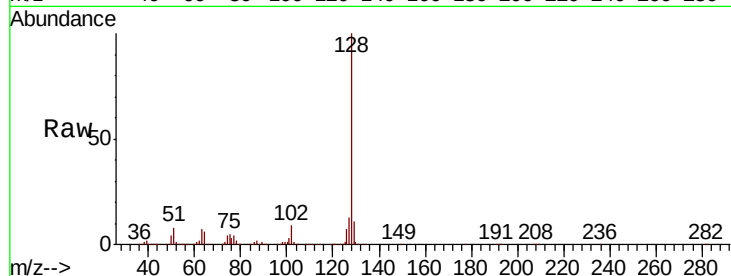
#95
Naphthalene
Concen: 127.383 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:23 AM



#96
1,2,3-Trichlorobenzene
Concen: 107.314 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.3	144.8
145	32.8	14.9	44.9

