

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002389.D
 Acq On : 17 Apr 2020 11:31
 Operator : SY/MD
 Sample : VY0417SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 11:41:47 AM

Quant Time: Apr 18 04:55:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	161023	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	285656	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	257397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116923	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	74144	41.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.82%	
35) Dibromofluoromethane	7.74	113	81755	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
50) Toluene-d8	10.19	98	336141	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
62) 4-Bromofluorobenzene	12.49	95	110946	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	29703	18.252	ug/l	99
3) Chloromethane	2.13	50	39027	19.055	ug/l	100
4) Vinyl Chloride	2.27	62	42197	19.356	ug/l	96
5) Bromomethane	2.66	94	25962	19.285	ug/l	95
6) Chloroethane	2.81	64	24163	19.219	ug/l	92
7) Trichlorofluoromethane	3.15	101	56360	20.019	ug/l	100
8) Diethyl Ether	3.55	74	24882	20.789	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.93	101	40448	21.150	ug/l	98
10) Methyl Iodide	4.12	142	46489	20.913	ug/l	96
11) Tert butyl alcohol	5.00	59	22981	100.441	ug/l	99
12) 1,1-Dichloroethene	3.90	96	41583	21.387	ug/l	87
13) Acrolein	3.76	56	18523	80.225	ug/l	98
14) Allyl chloride	4.51	41	52126	16.602	ug/l #	92
15) Acrylonitrile	5.21	53	58461	95.515	ug/l	99
16) Acetone	3.98	43	42217	89.512	ug/l	89
17) Carbon Disulfide	4.22	76	129064	19.988	ug/l	98
18) Methyl Acetate	4.51	43	25459	17.403	ug/l	93
19) Methyl tert-butyl Ether	5.26	73	98847	19.338	ug/l	95
20) Methylene Chloride	4.76	84	50745	21.890	ug/l	92
21) trans-1,2-Dichloroethene	5.26	96	45474	20.837	ug/l	92
22) Diisopropyl ether	6.16	45	110149	17.433	ug/l	98
23) Vinyl Acetate	6.10	43	349285	86.745	ug/l	95
24) 1,1-Dichloroethane	6.05	63	68619	19.093	ug/l	98
25) 2-Butanone	7.02	43	64551	86.484	ug/l #	88
26) 2,2-Dichloropropane	7.01	77	57060	18.980	ug/l	97
27) cis-1,2-Dichloroethene	7.02	96	50333	21.157	ug/l	91
28) Bromochloromethane	7.36	49	28260	18.216	ug/l	86
29) Tetrahydrofuran	7.38	42	42208	85.549	ug/l	88
30) Chloroform	7.54	83	66668	19.679	ug/l	99
31) Cyclohexane	7.81	56	71279	18.894	ug/l #	85
32) 1,1,1-Trichloroethane	7.72	97	56427	20.011	ug/l	98
36) 1,1-Dichloropropene	7.94	75	56141	19.953	ug/l	97
37) Ethyl Acetate	7.10	43	28274	17.590	ug/l	97
38) Carbon Tetrachloride	7.93	117	49404	20.527	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.20	83	78441	20.494	ug/l	89
40) Benzene	8.18	78	177173	20.754	ug/l	99
41) Methacrylonitrile	7.34	41	15385	16.225	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	39411	18.637	ug/l	95
43) Isopropyl Acetate	8.29	43	50559	17.247	ug/l	95
44) Trichloroethene	8.96	130	53360	21.260	ug/l	97
45) 1,2-Dichloropropane	9.24	63	41315	19.506	ug/l	95
46) Dibromomethane	9.32	93	22419	20.244	ug/l	95
47) Bromodichloromethane	9.51	83	50634	19.926	ug/l	100
48) Methyl methacrylate	9.31	41	22720	17.284	ug/l	90
49) 1,4-Dioxane	9.32	88	6300	402.152	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	132113	86.486	ug/l	92
52) Toluene	10.25	92	108135	21.019	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	54295	19.611	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	66416	19.953	ug/l #	92
55) 1,1,2-Trichloroethane	10.66	97	34523	21.292	ug/l	99
56) Ethyl methacrylate	10.52	69	45891	19.831	ug/l	90
57) 1,3-Dichloropropane	10.80	76	58104	20.388	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	121814	101.651	ug/l	97
59) 2-Hexanone	10.85	43	94658	89.285	ug/l	93
60) Dibromochloromethane	11.00	129	35897	20.763	ug/l	96
61) 1,2-Dibromoethane	11.10	107	32201	20.861	ug/l	99
64) Tetrachloroethene	10.73	164	56309	21.638	ug/l	97
65) Chlorobenzene	11.53	112	114036	21.313	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.60	131	36784	20.823	ug/l	97
67) Ethyl Benzene	11.60	91	203757	20.802	ug/l	98
68) m/p-Xylenes	11.71	106	154963	42.239	ug/l	96
69) o-Xylene	12.04	106	72990	21.191	ug/l	95
70) Styrene	12.05	104	126152	21.111	ug/l	97
71) Bromoform	12.22	173	20526	21.366	ug/l #	98
73) Isopropylbenzene	12.34	105	192148	20.918	ug/l	98
74) N-amyl acetate	12.15	43	45752	17.547	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.60	83	24398	21.954	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	24788m	18.257	ug/l	
77) Bromobenzene	12.62	156	43329	21.440	ug/l	93
78) n-propylbenzene	12.68	91	235719	20.633	ug/l	98
79) 2-Chlorotoluene	12.77	91	126017	20.298	ug/l	97
80) 1,3,5-Trimethylbenzene	12.82	105	157630	20.750	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	14478	20.740	ug/l	96
82) 4-Chlorotoluene	12.86	91	131247	20.170	ug/l	96
83) tert-Butylbenzene	13.08	119	136734	21.488	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	157579	20.773	ug/l	99
85) sec-Butylbenzene	13.26	105	200073	21.107	ug/l	100
86) p-Isopropyltoluene	13.38	119	171583	21.031	ug/l	98
87) 1,3-Dichlorobenzene	13.38	146	84807	21.653	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	85827	21.588	ug/l	98
89) n-Butylbenzene	13.70	91	172879	20.673	ug/l	99
90) Hexachloroethane	13.97	117	31737	20.414	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	76050	21.369	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5206	19.369	ug/l	89

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MSVOA_Y
ClientSampleId :
VY0417SBSD01

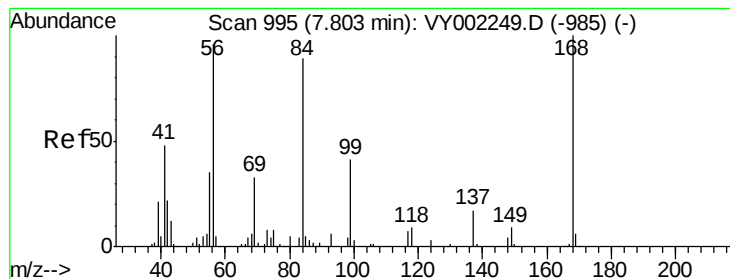
Manual Integrations
APPROVED

MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	49439	21.253	ug/l	98
94) Hexachlorobutadiene	15.13	225	24548	20.952	ug/l	98
95) Naphthalene	15.25	128	106366	20.884	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	42449	21.016	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

Tot Ion:168 Resp: 161023

Ion Ratio Lower Upper

168 100

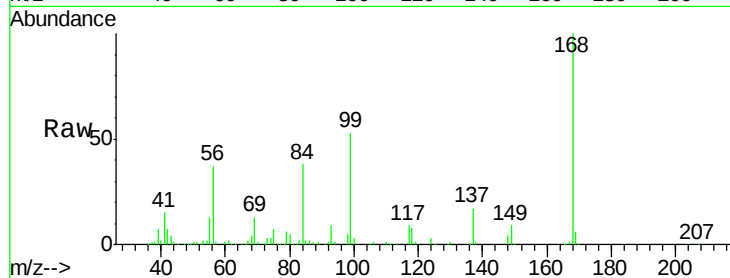
99 52.7 48.0 72.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.82

80000

60000

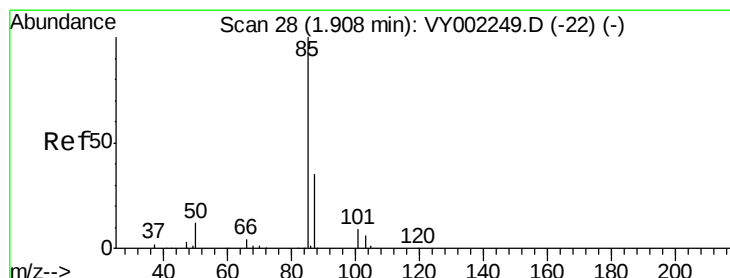
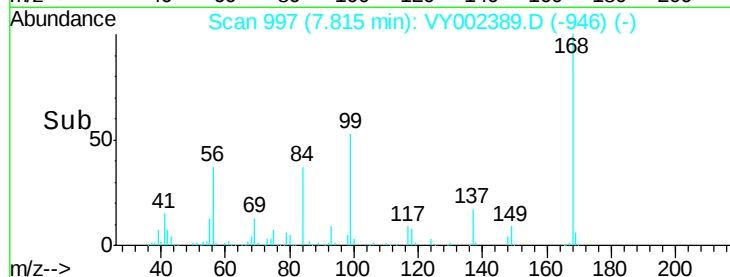
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.252 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002389.D

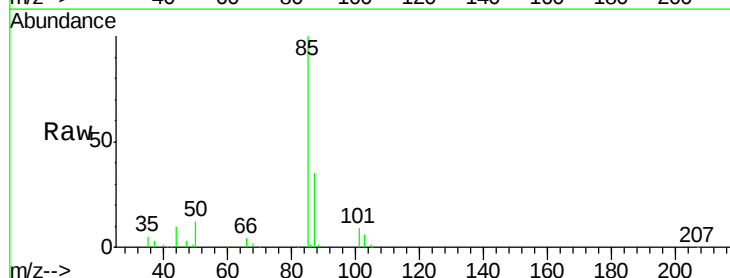
Acq: 17 Apr 2020 11:31

Tgt Ion: 85 Resp: 29703

Ion Ratio Lower Upper

85 100

87 35.4 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.91

20000

15000

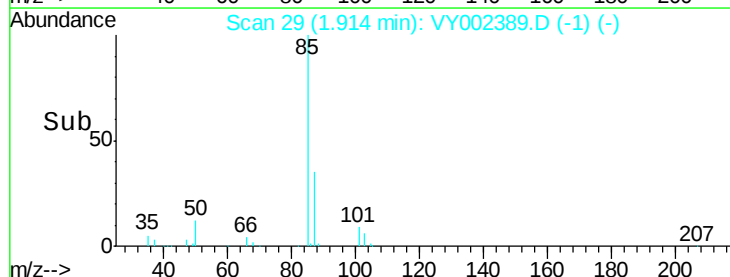
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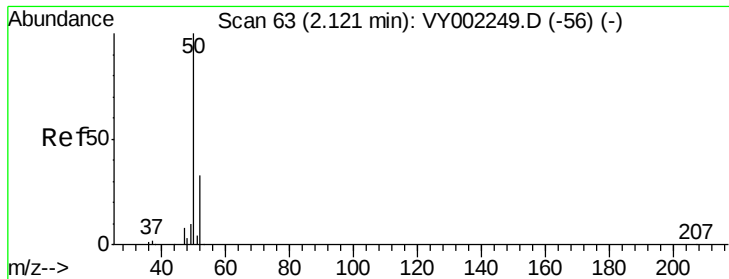
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.055 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

Tot Ion: 50 Resp: 39027

Ion Ratio Lower Upper

50 100

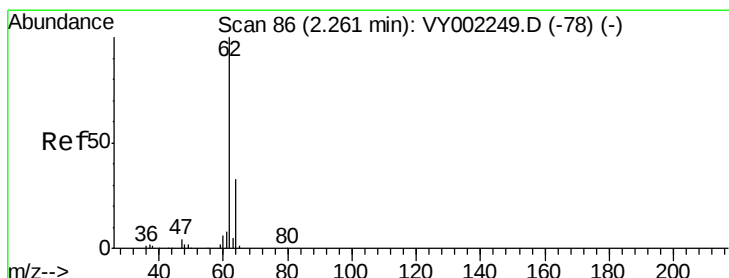
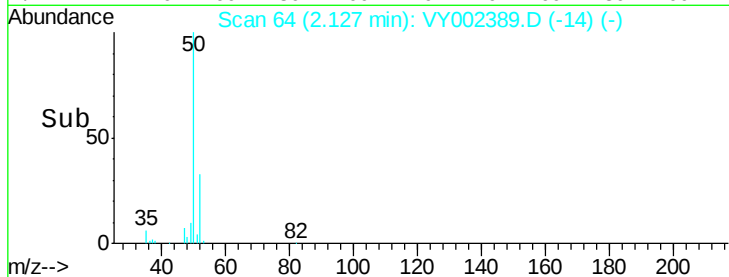
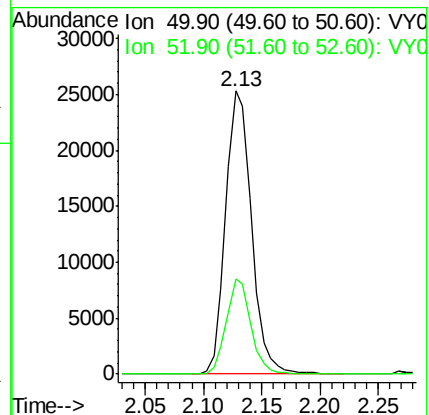
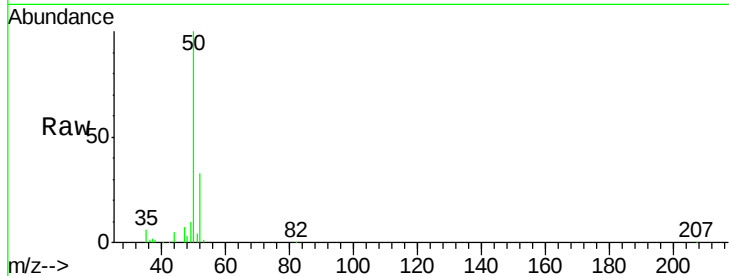
52 33.4 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.356 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002389.D

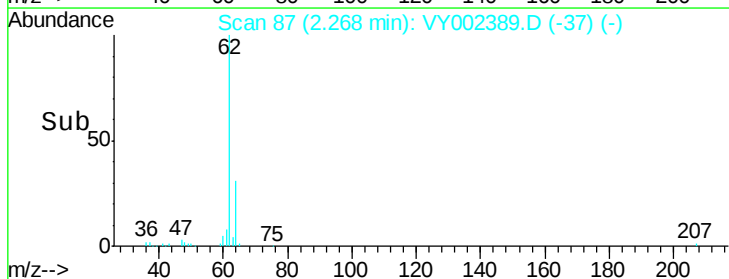
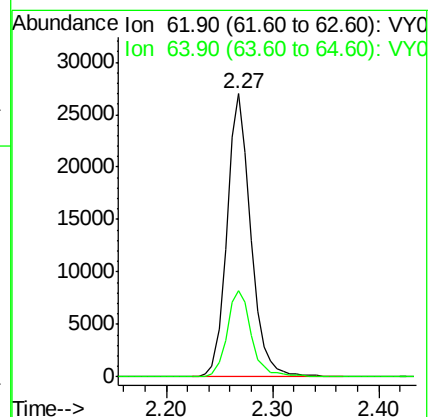
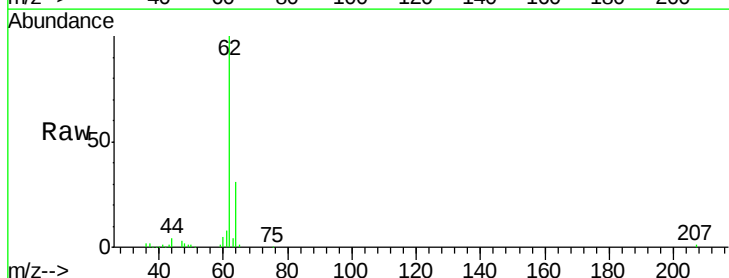
Acq: 17 Apr 2020 11:31

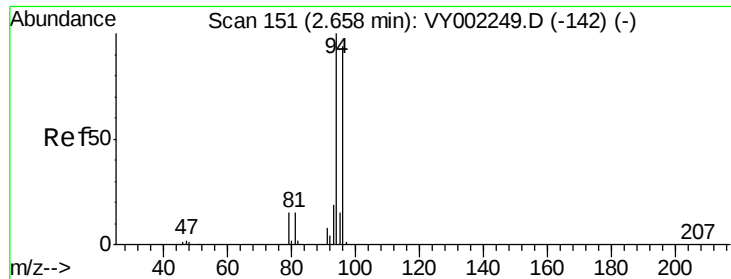
Tgt Ion: 62 Resp: 42197

Ion Ratio Lower Upper

62 100

64 30.6 26.2 39.2





#5

Bromomethane

Concen: 19.285 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

Tot Ion: 94 Resp: 25962

Ion Ratio Lower Upper

94 100

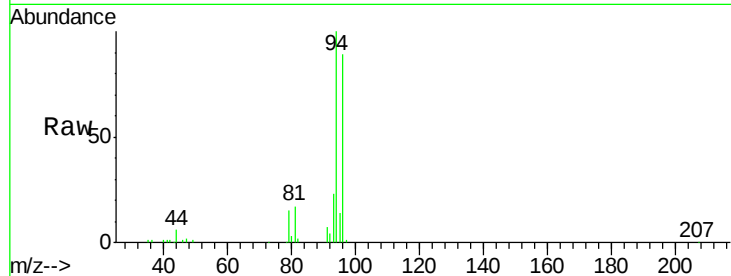
96 89.3 75.6 113.4

Manual Integrations

APPROVED

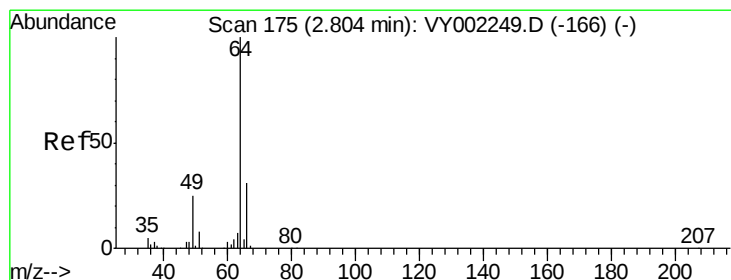
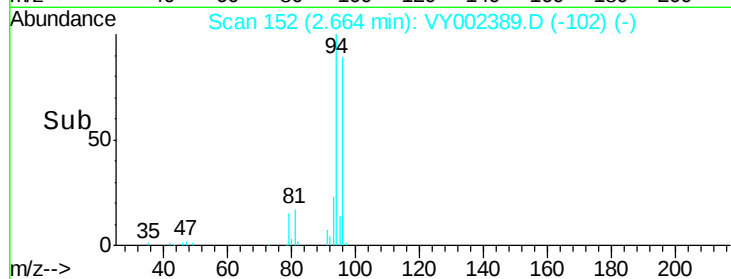
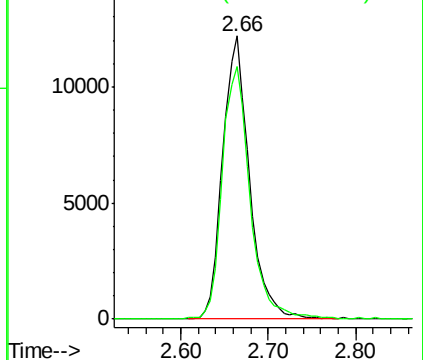
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.219 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002389.D

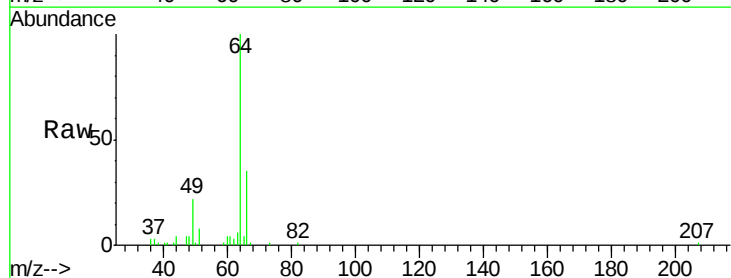
Acq: 17 Apr 2020 11:31

Tgt Ion: 64 Resp: 24163

Ion Ratio Lower Upper

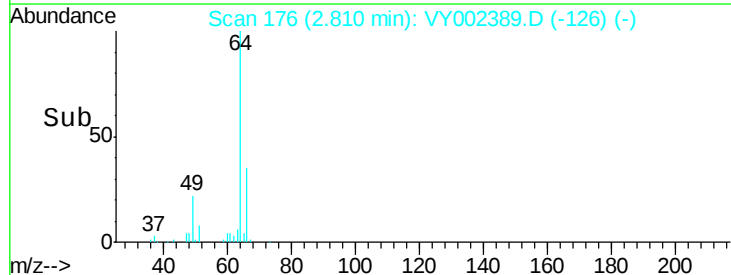
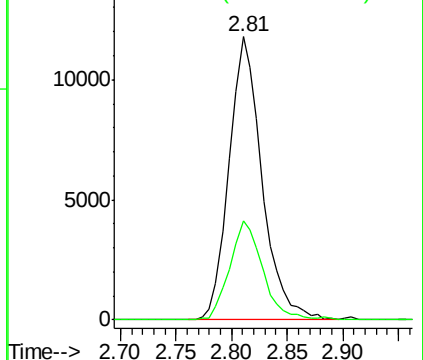
64 100

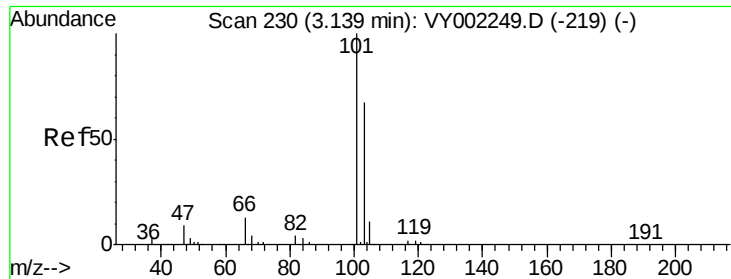
66 35.0 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

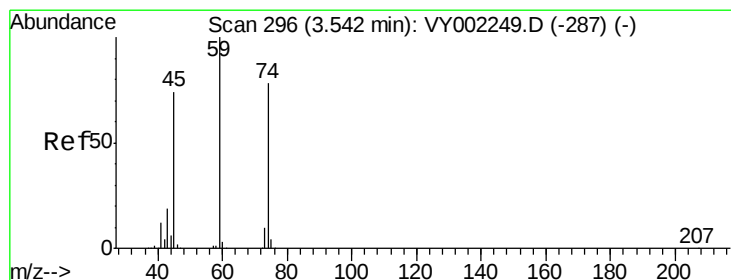
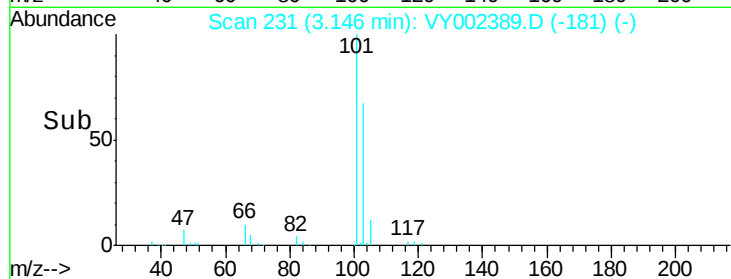
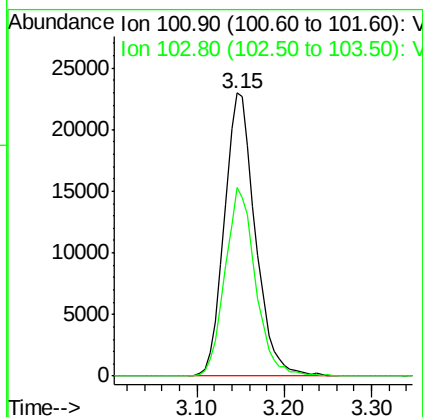
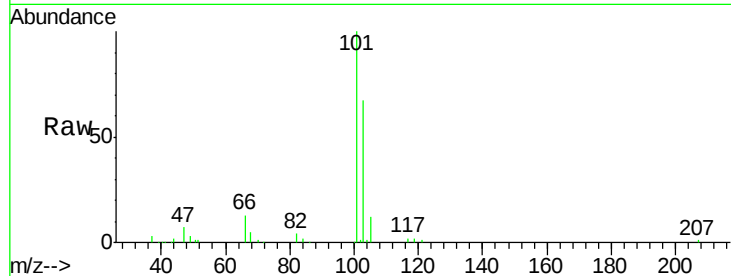
Trichlorofluoromethane
Concen: 20.019 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
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ClientSampleId :
VY0417SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	53.3	79.9

Manual Integrations
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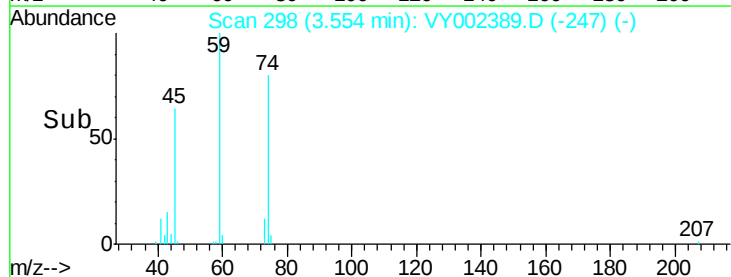
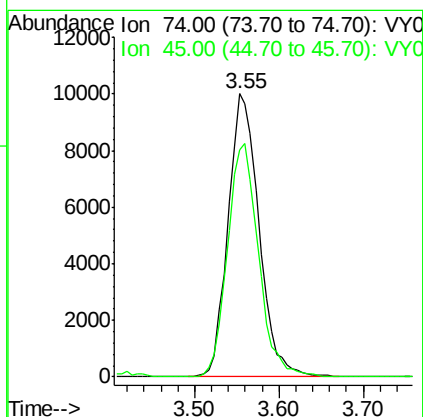
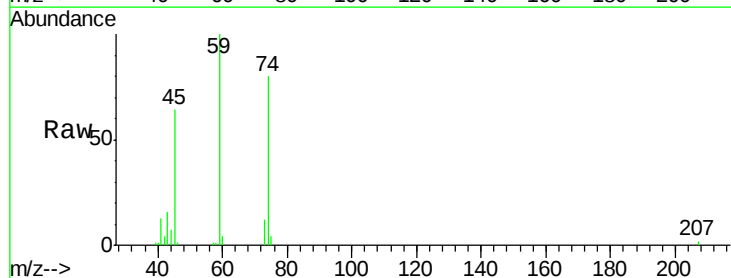
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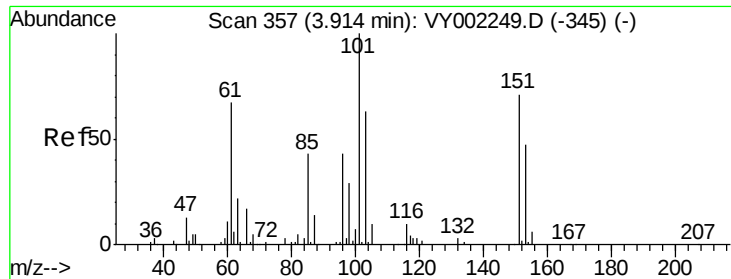


#8

Diethyl Ether
Concen: 20.789 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.0	48.0	144.2





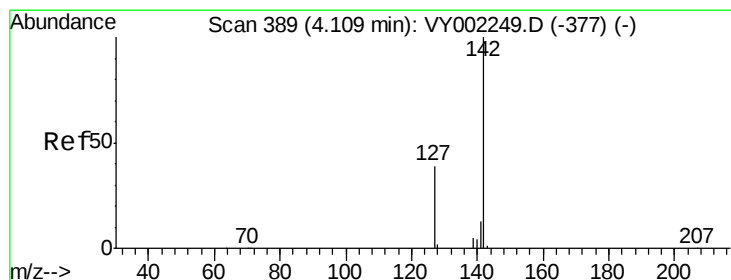
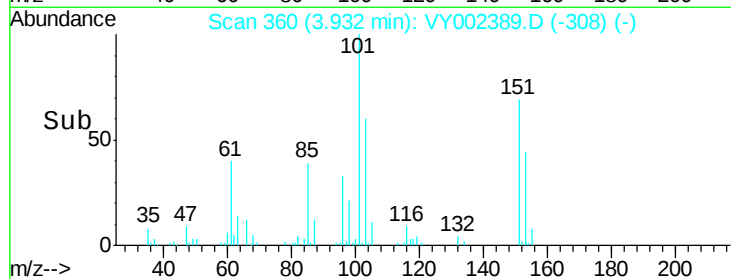
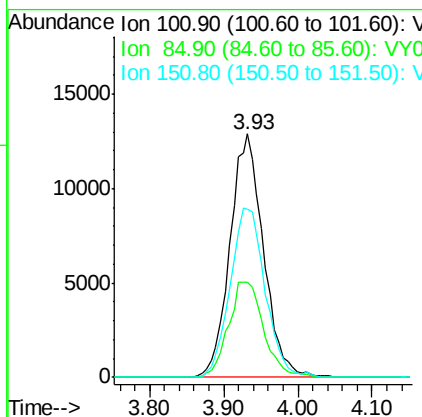
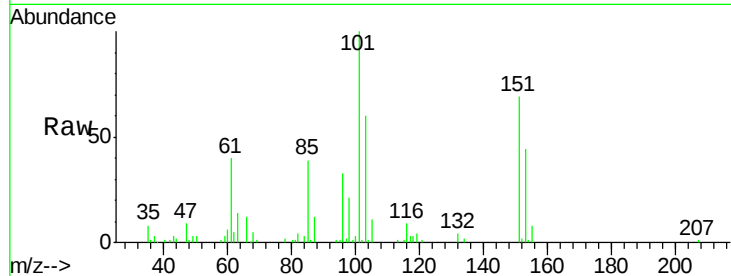
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.150 ug/l
RT: 3.93 min Scan# 360
Delta R.T. 0.02 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	41.3	34.6	52.0
151	73.1	57.6	86.4

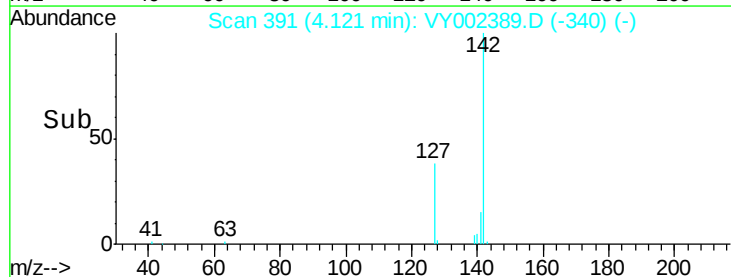
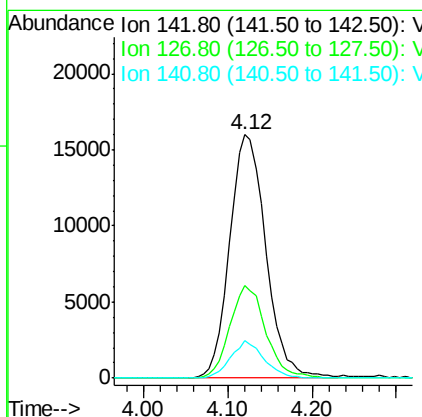
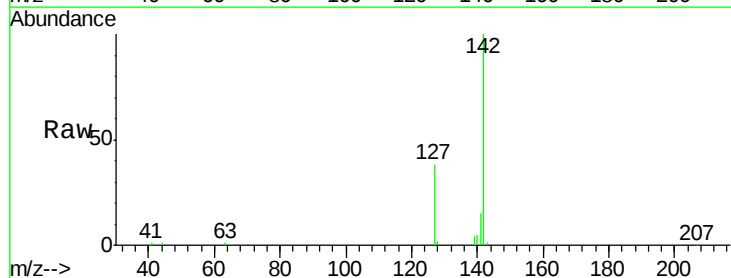
Manual Integrations
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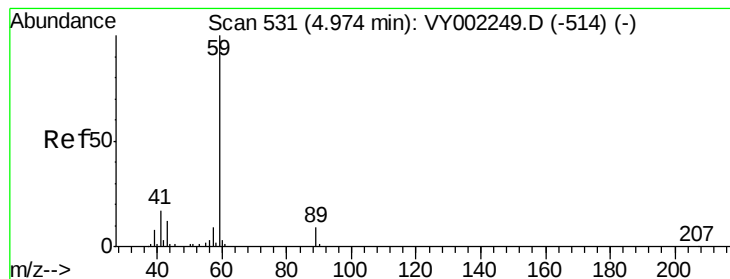
MMDadoda
4/20/2020 11:41:47 AM



#10
Methyl Iodide
Concen: 20.913 ug/l
RT: 4.12 min Scan# 391
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Lower	Upper
142	100		
127	37.5	32.4	48.6
141	14.0	11.2	16.8





#11

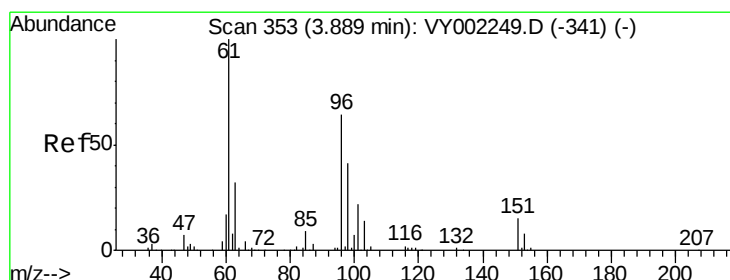
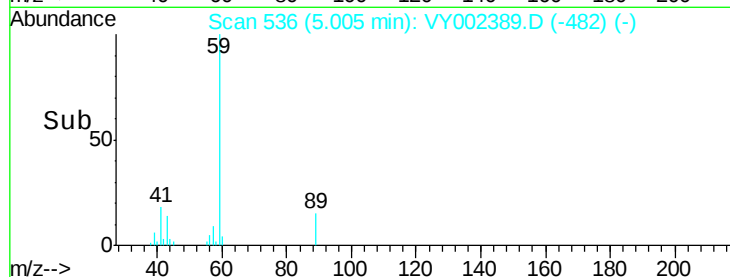
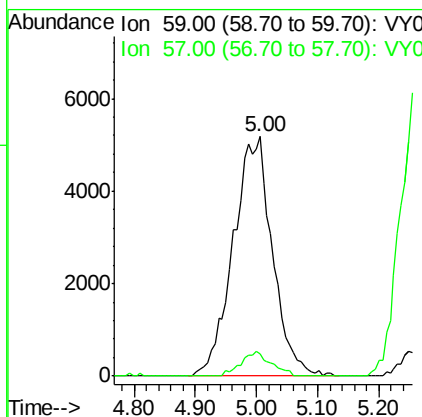
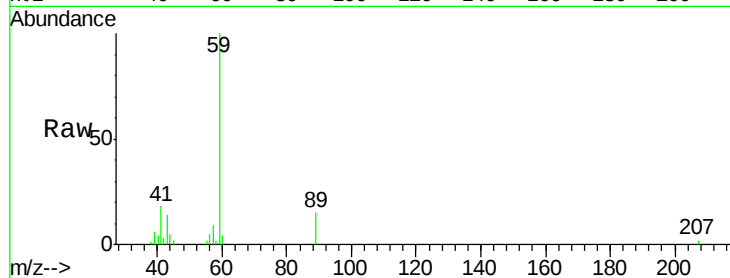
Tert butyl alcohol
Concen: 100.441 ug/l
RT: 5.00 min Scan# 536
Delta R.T. 0.03 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.9	6.6	9.8

Manual Integrations
APPROVED

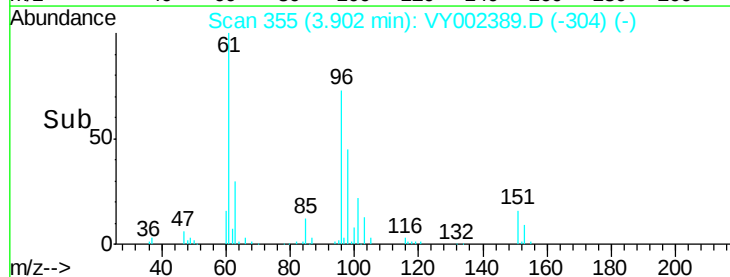
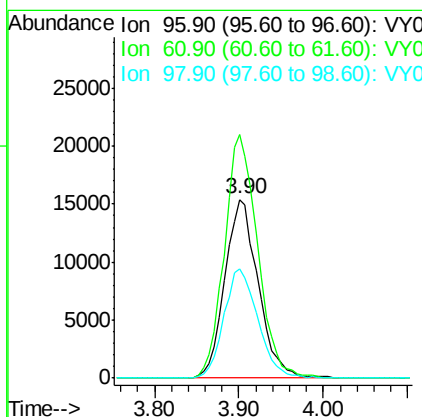
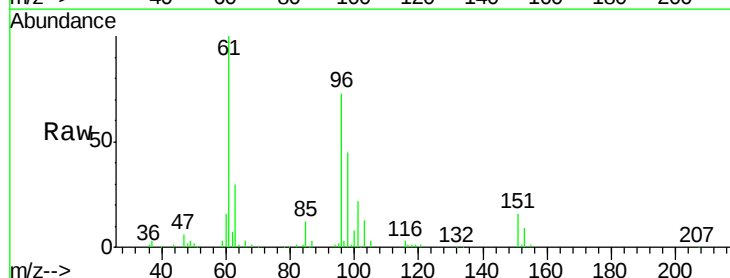
MMDadoda
4/20/2020 11:41:47 AM

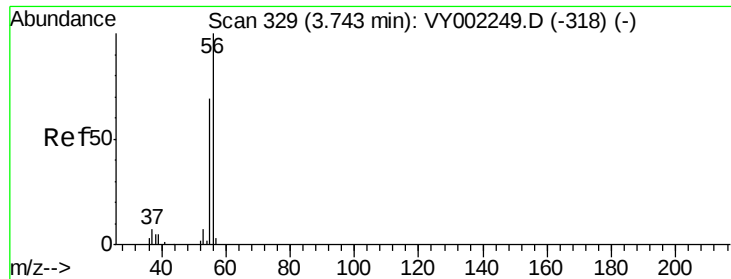


#12

1,1-Dichloroethene
Concen: 21.387 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.1	125.9	188.9
98	61.2	51.1	76.7





#13

Acrolein

Concen: 80.225 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.02 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

Tot Ion: 56 Resp: 18523

Ion Ratio Lower Upper

56 100

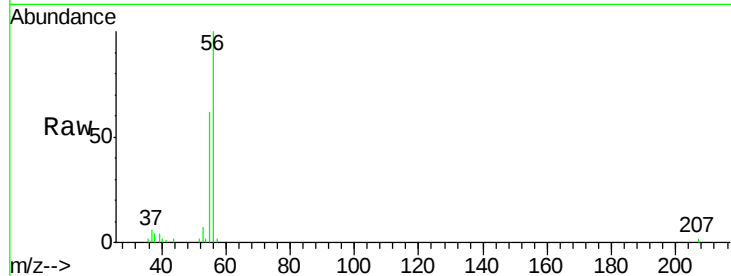
55 68.0 55.8 83.8

Manual Integrations

APPROVED

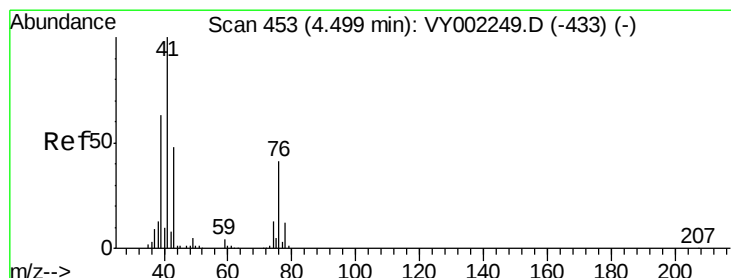
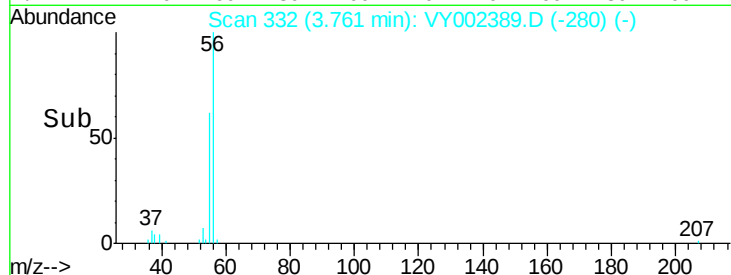
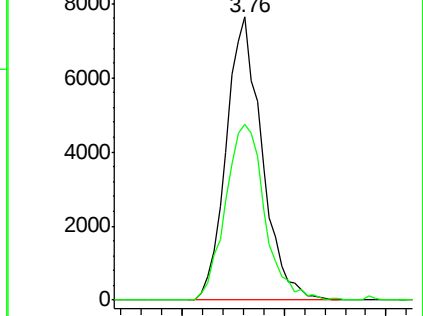
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 16.602 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

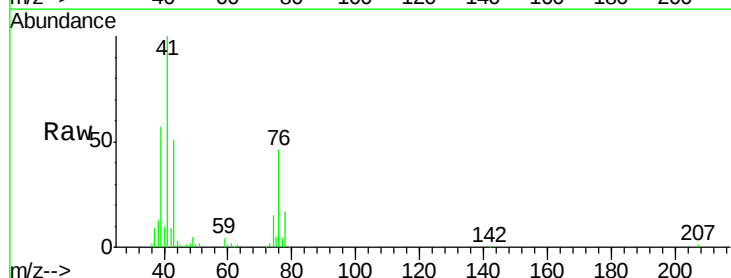
Tgt Ion: 41 Resp: 52126

Ion Ratio Lower Upper

41 100

39 57.2 48.0 72.0

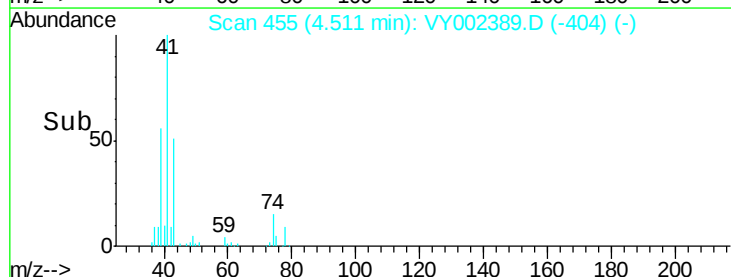
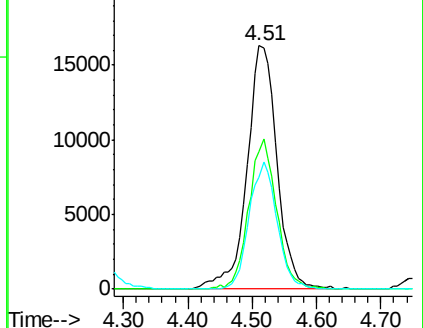
76 48.3 31.0 46.6#

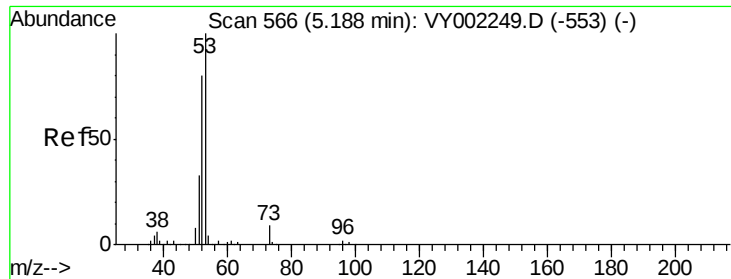


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 95.515 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.02 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Instrument :

MSVOA_Y

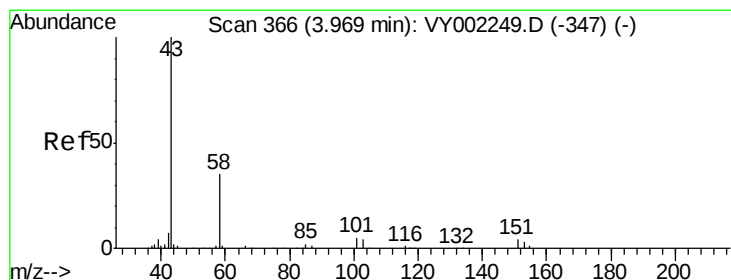
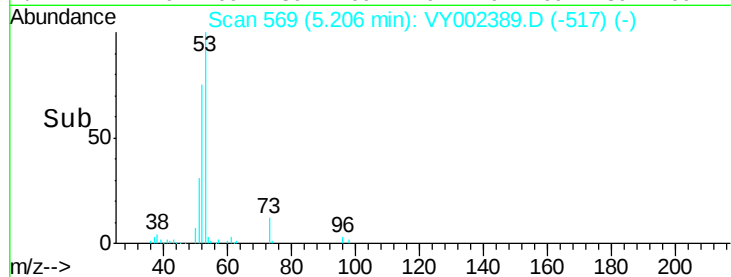
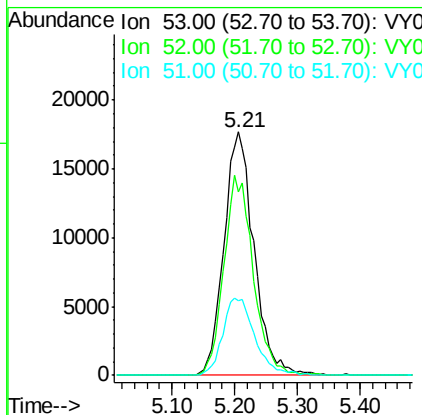
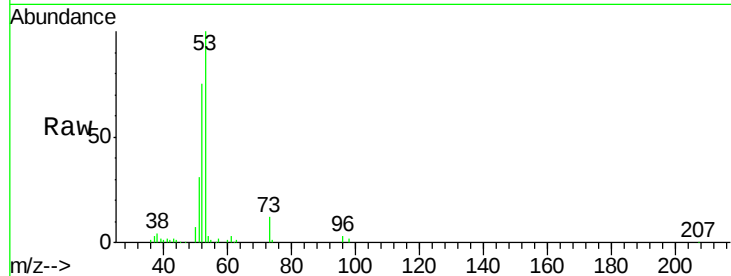
ClientSampleId :

VY0417SBS01

Tot Ion:	53	Resp:	58461
Ion Ratio	Lower	Upper	
53	100		
52	80.1	65.1	97.7
51	33.9	27.1	40.7

Manual Integrations
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#16

Acetone

Concen: 89.512 ug/l

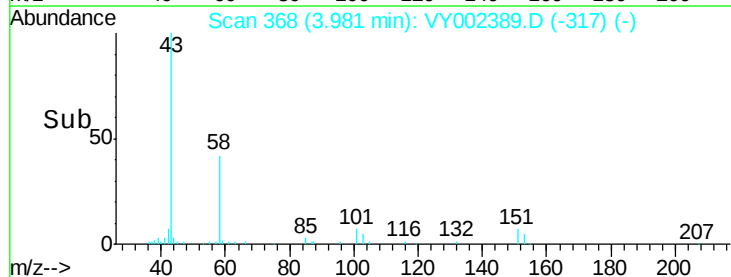
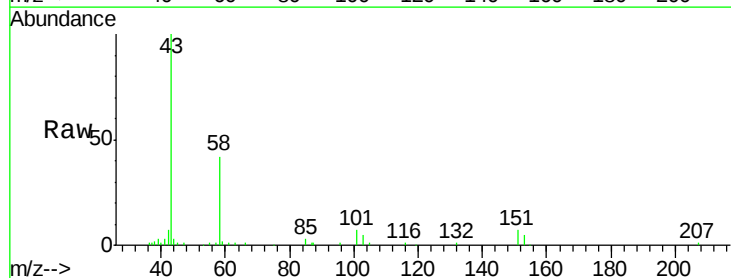
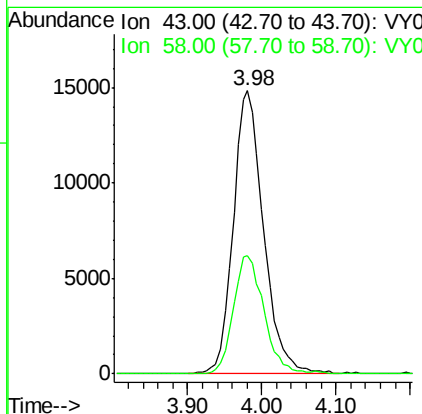
RT: 3.98 min Scan# 368

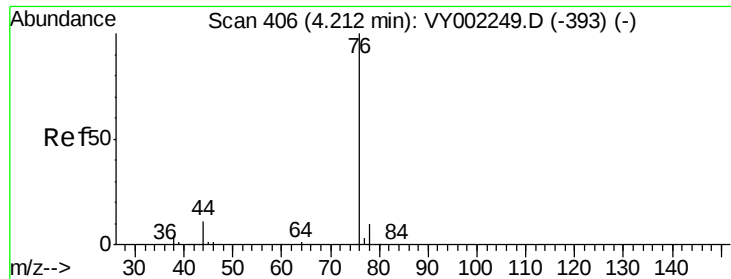
Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Tgt Ion:	43	Resp:	42217
Ion Ratio	Lower	Upper	
43	100		
58	41.9	28.5	42.7





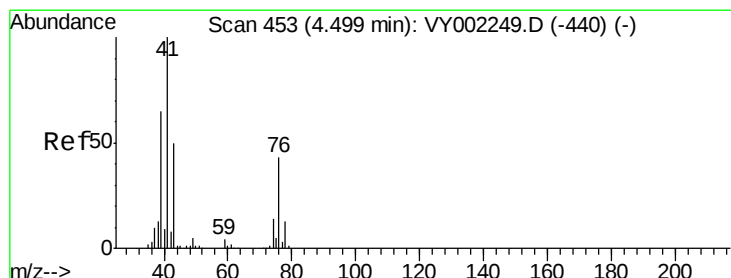
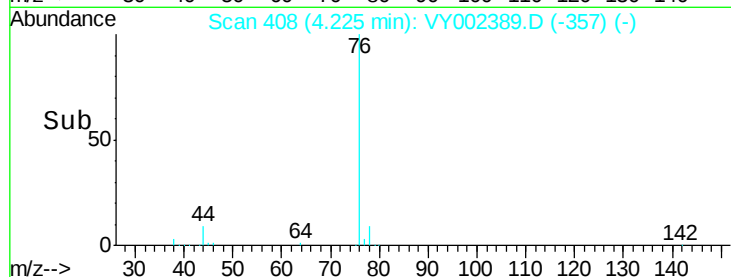
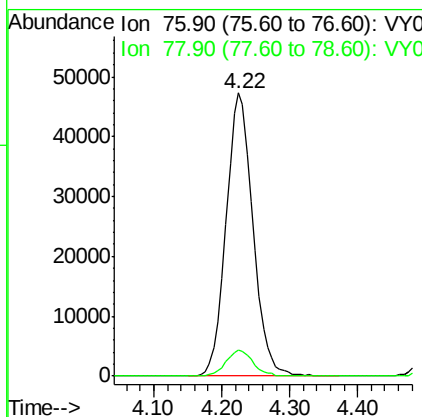
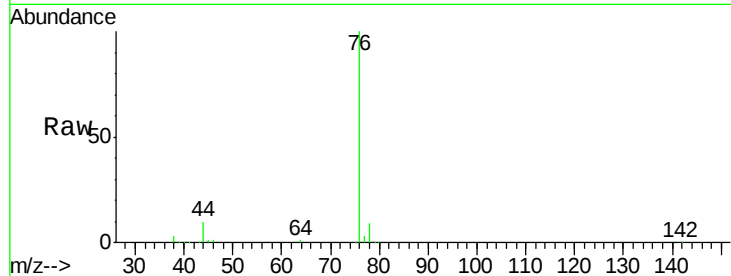
#17
Carbon Disulfide
Concen: 19.988 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.7	11.5

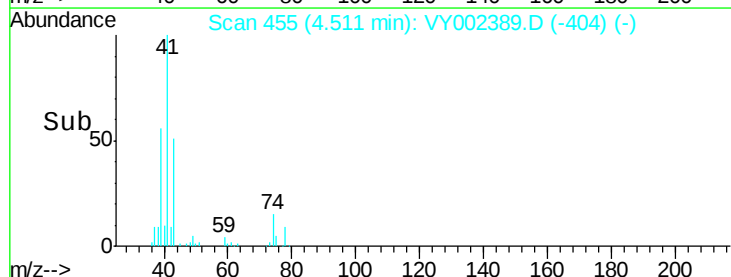
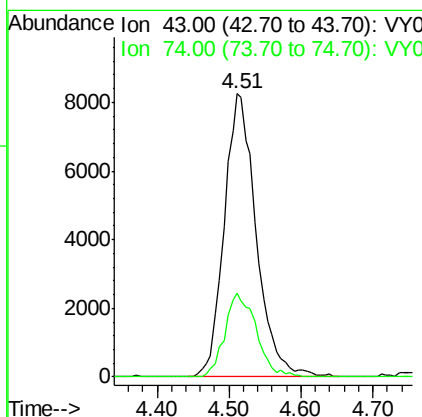
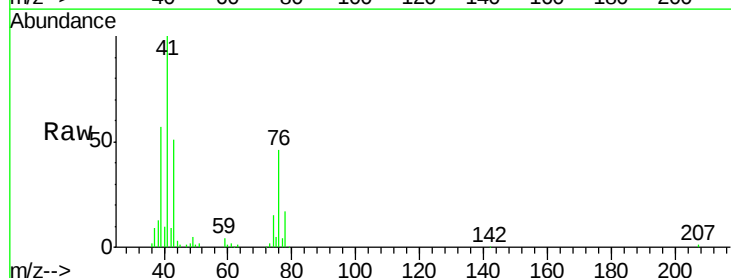
Manual Integrations
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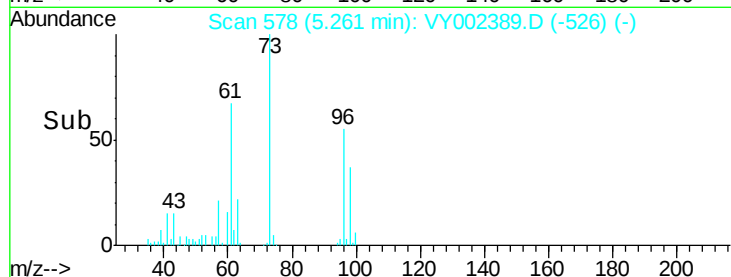
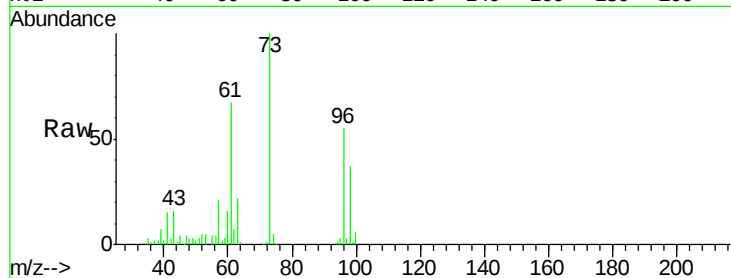
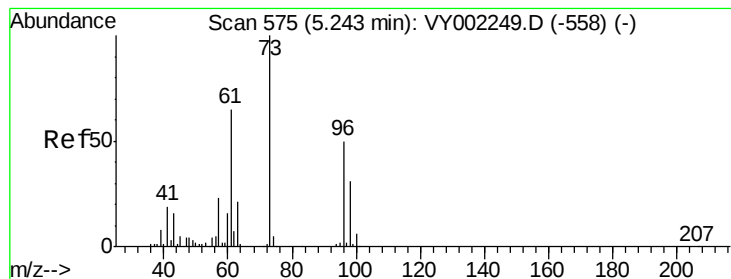
MMDadoda
4/20/2020 11:41:47 AM



#18
Methyl Acetate
Concen: 17.403 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.1	20.3	30.5





#19

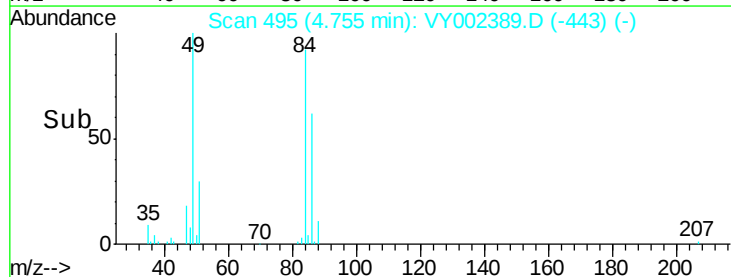
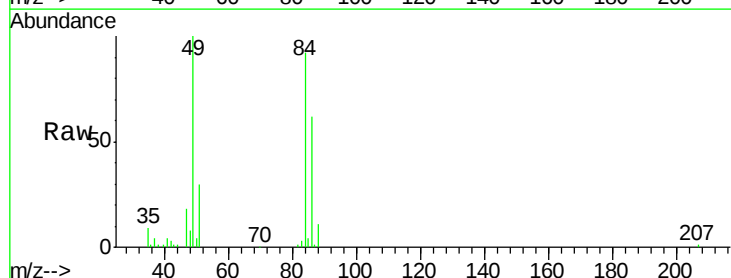
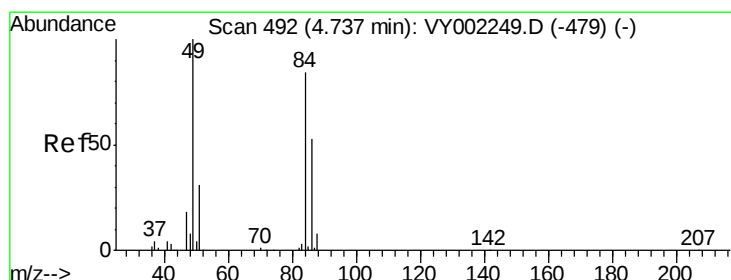
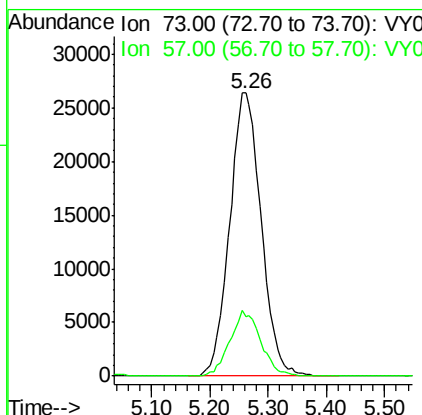
Methyl tert-butyl Ether
Concen: 19.338 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.02 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tot Ion	73	Resp	98847
Ion Ratio	100	Lower	Upper
73	100	18.7	28.1
57	20.9		

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Manual Integrations
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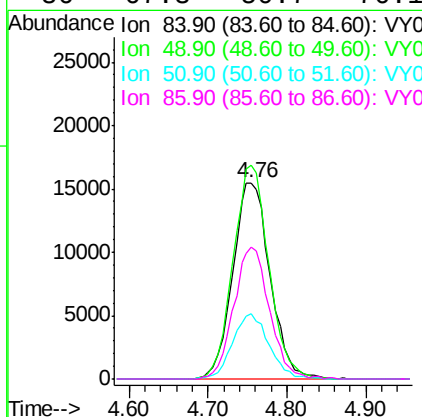
MMDadoda
4/20/2020 11:41:47 AM

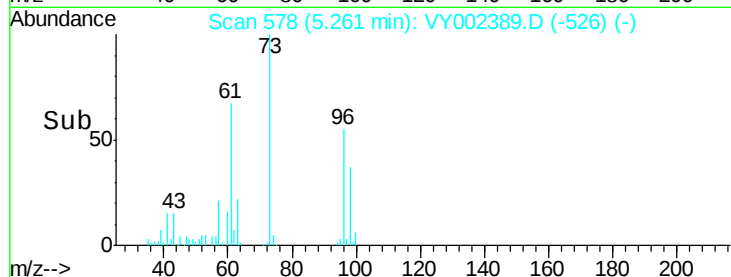
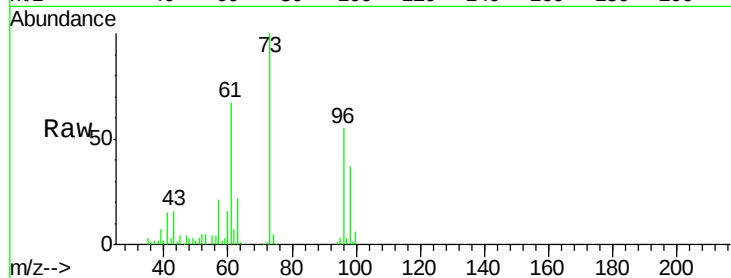
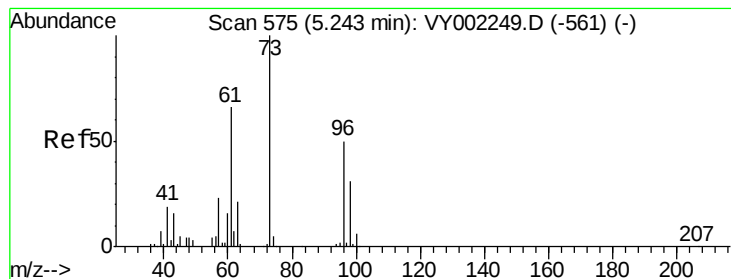


#20

Methylene Chloride
Concen: 21.890 ug/l
RT: 4.76 min Scan# 495
Delta R.T. 0.02 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	84	Resp	50745
Ion Ratio	100	Lower	Upper
84	100	95.5	143.3
49	109.1	29.5	44.3
51	33.2	50.7	76.1
86	67.3		





#21

trans-1,2-Dichloroethene

Concen: 20.837 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.02 min

Lab File: VY002389.D

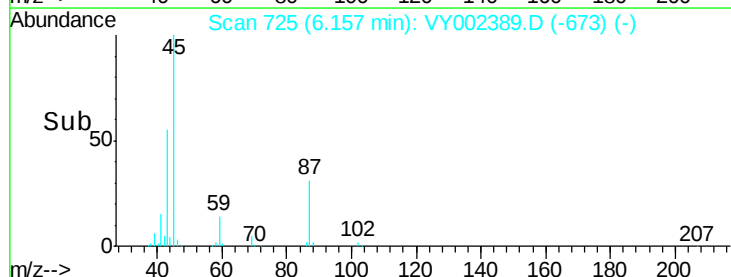
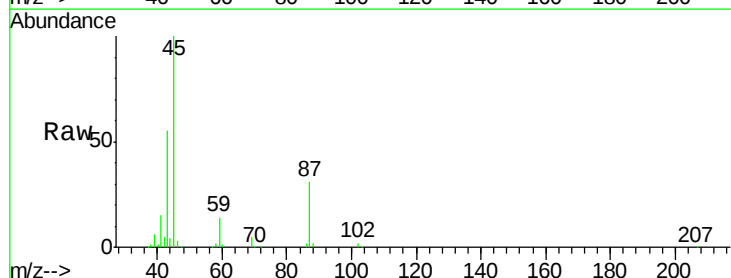
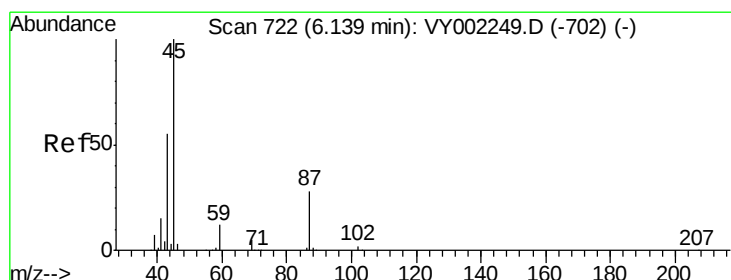
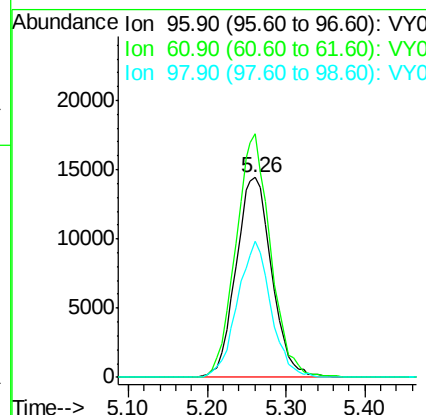
Acq: 17 Apr 2020 11:31

Tot Ion:	96	Resp:	45474
Ion	Ratio	Lower	Upper
96	100		
61	121.9	104.6	157.0
98	68.4	50.1	75.1

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

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#22

Diisopropyl ether

Concen: 17.433 ug/l

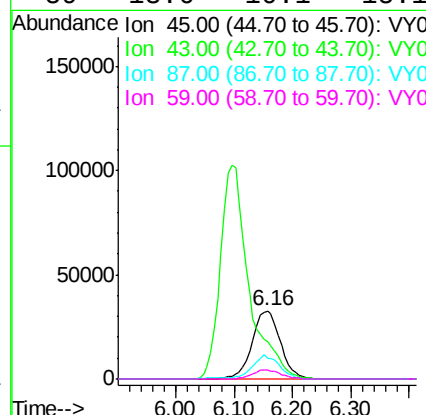
RT: 6.16 min Scan# 725

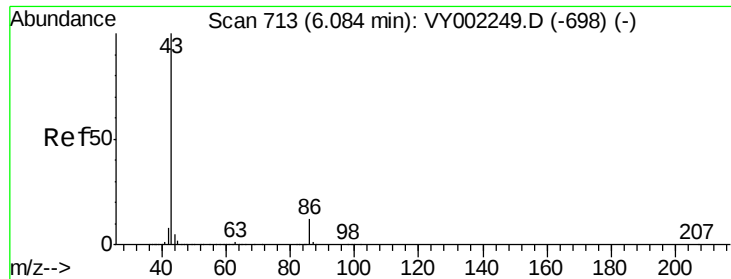
Delta R.T. 0.02 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Tgt Ion:	45	Resp:	110149
Ion	Ratio	Lower	Upper
45	100		
43	54.9	44.7	67.1
87	30.9	23.0	34.4
59	13.6	10.1	15.1





#23

Vinyl Acetate

Concen: 86.745 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

Tot Ion: 43 Resp: 349285

Ion Ratio Lower Upper

43 100

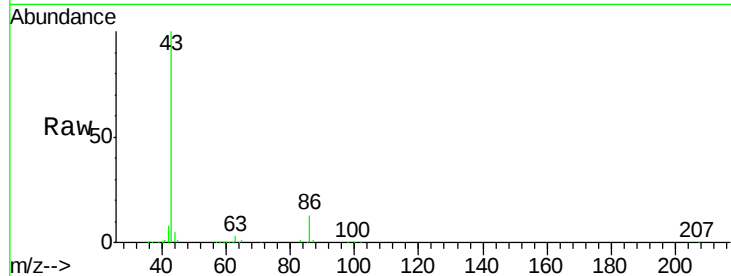
86 13.5 9.2 13.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

120000

100000

80000

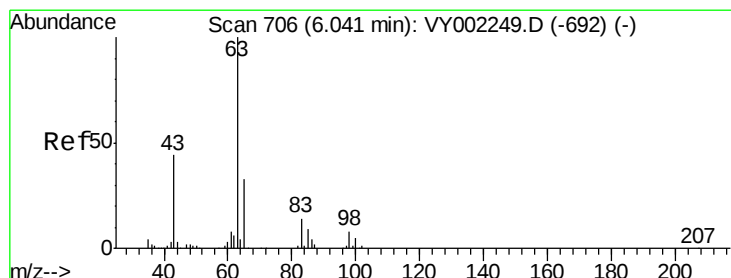
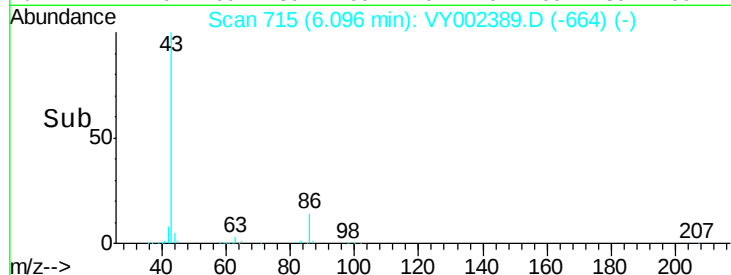
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 19.093 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

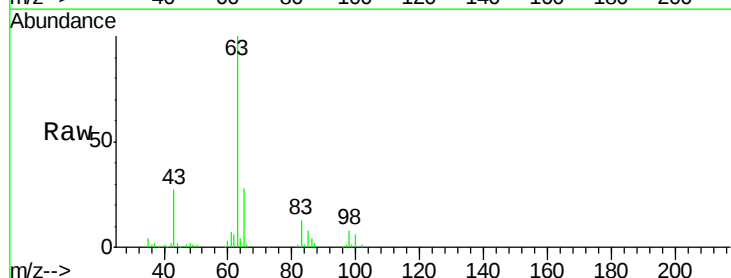
Tgt Ion: 63 Resp: 68619

Ion Ratio Lower Upper

63 100

98 8.3 4.0 12.0

100 6.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

30000

25000

20000

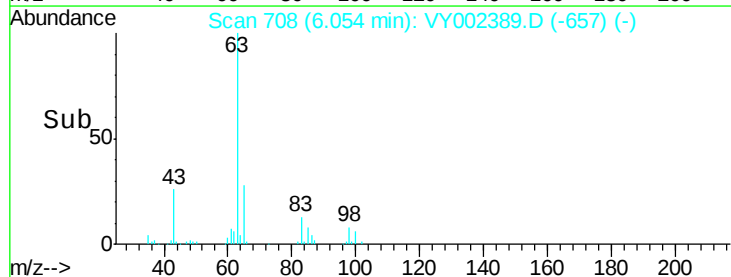
15000

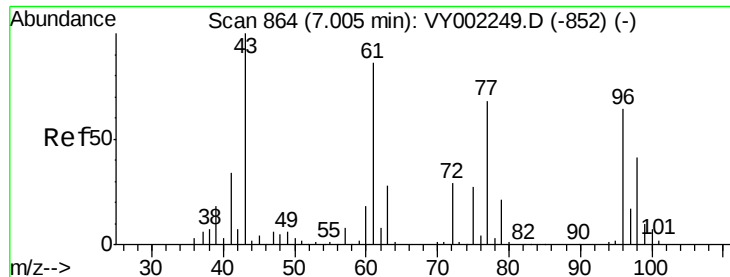
10000

5000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 86.484 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

Tot Ion: 43 Resp: 64551

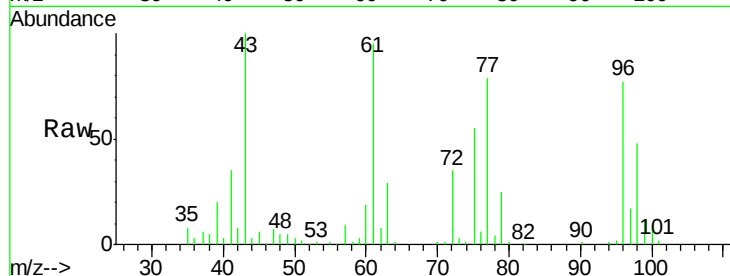
Ion Ratio Lower Upper

43 100

72 35.3 23.2 34.8#

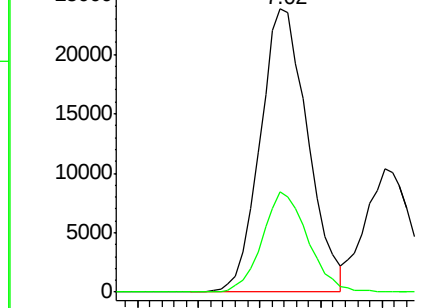
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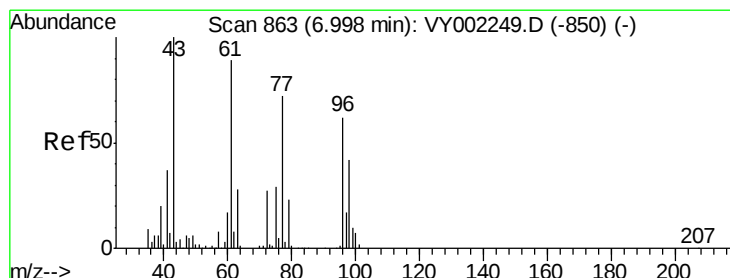
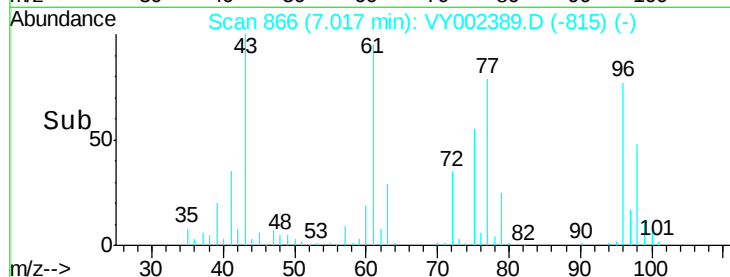


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



Time-->



#26

2,2-Dichloropropane

Concen: 18.980 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002389.D

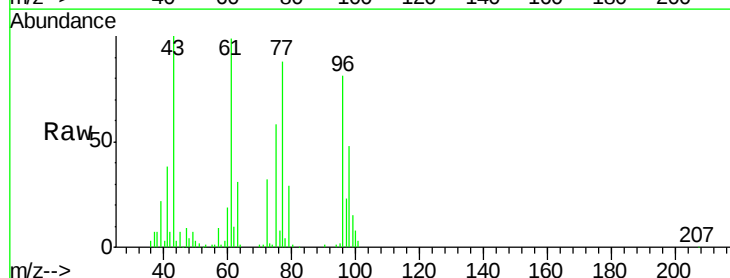
Acq: 17 Apr 2020 11:31

Tgt Ion: 77 Resp: 57060

Ion Ratio Lower Upper

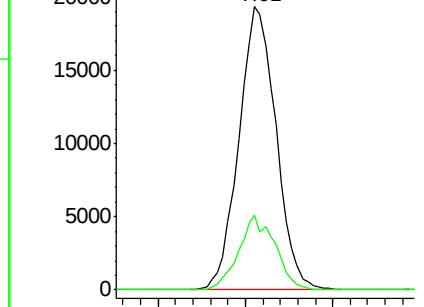
77 100

97 25.7 12.2 36.6

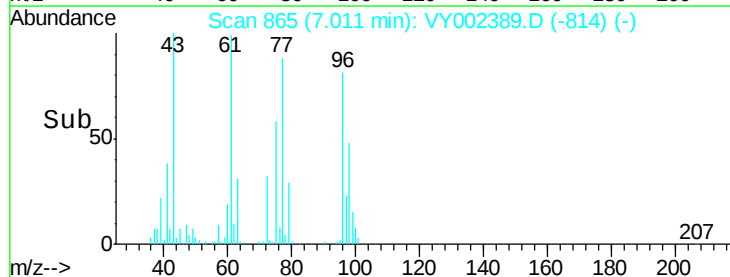


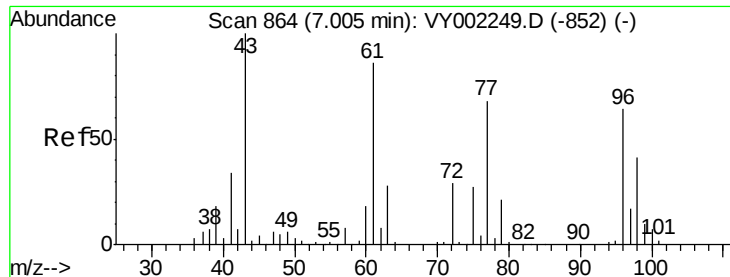
Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



Time-->





#27

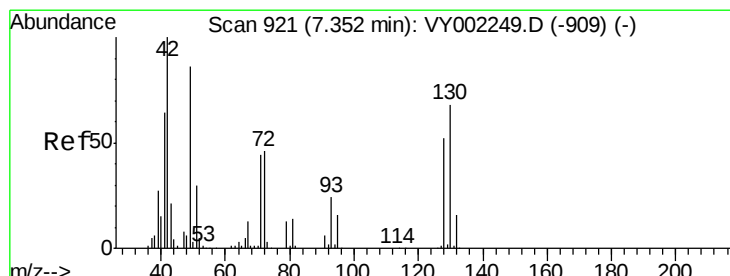
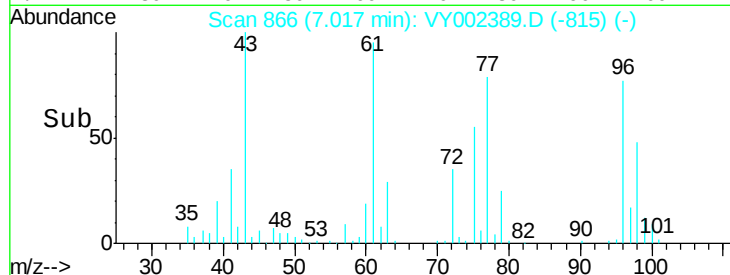
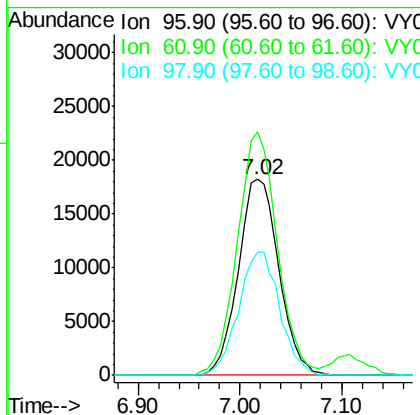
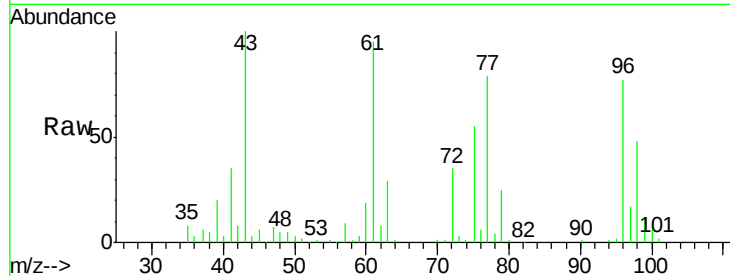
cis-1,2-Dichloroethene
Concen: 21.157 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	50333		
61	122.9		0.0	278.0
98	63.9		0.0	128.6

Manual Integrations
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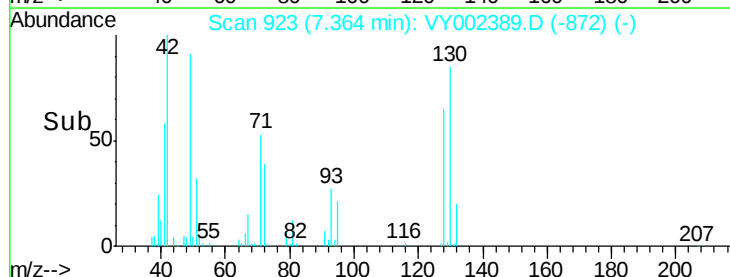
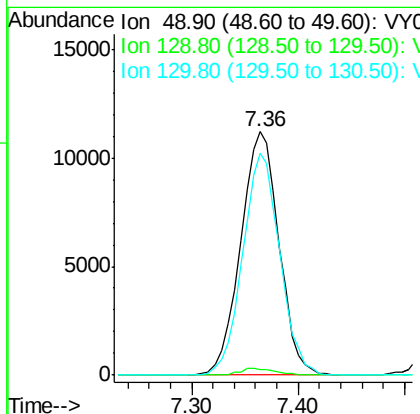
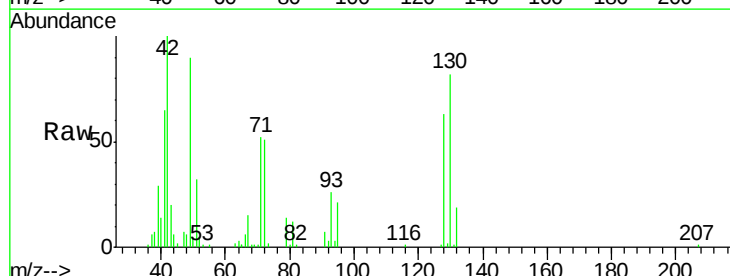
MMDadoda
4/20/2020 11:41:47 AM

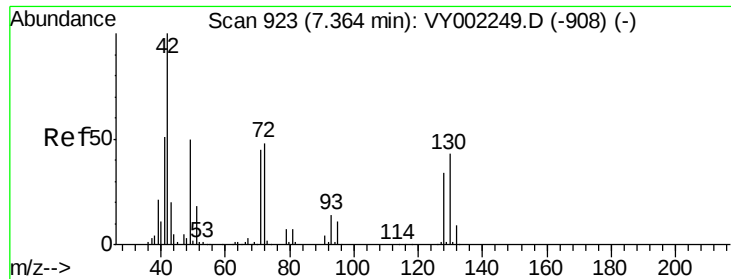


#28

Bromochloromethane
Concen: 18.216 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	28260		
129	2.3		0.0	4.2
130	88.4		60.9	91.3





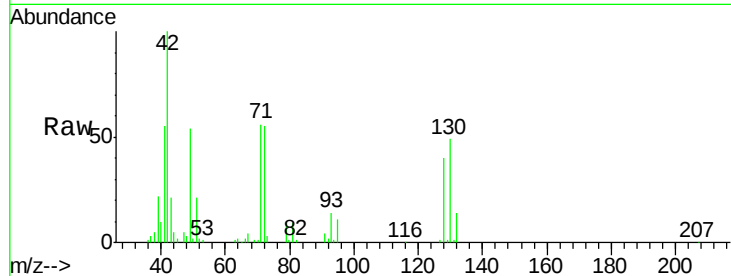
#29
Tetrahydrofuran
Concen: 85.549 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

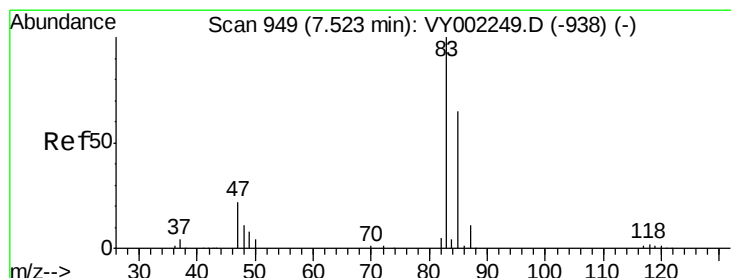
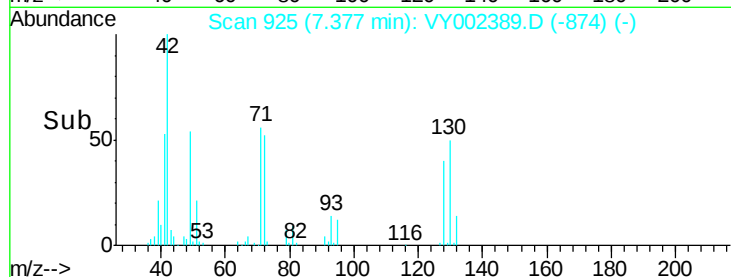
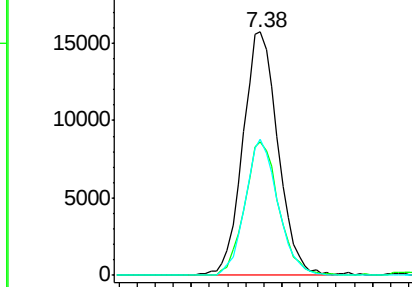
Tot Ion	Ratio	Lower	Upper
42	100		
72	53.0	36.7	55.1
71	52.0	34.7	52.1

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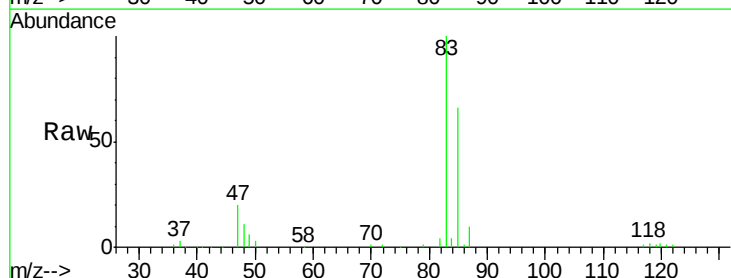


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

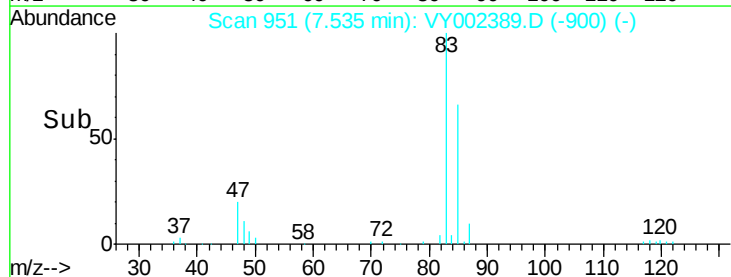
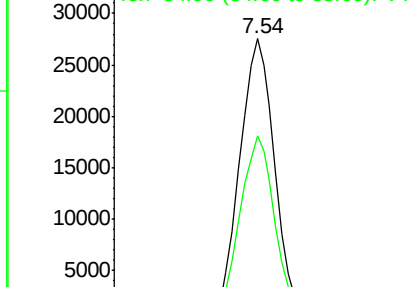


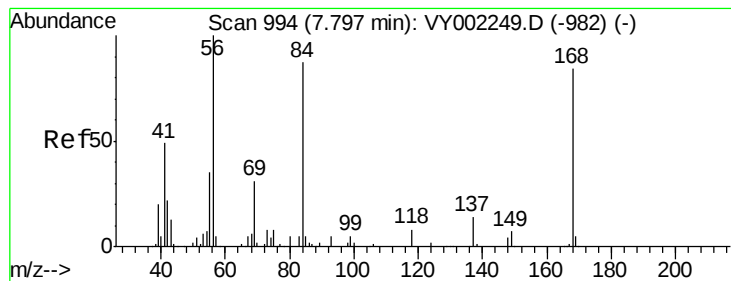
#30
Chloroform
Concen: 19.679 ug/l
RT: 7.54 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.0	78.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 18.894 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

Tot Ion: 56 Resp: 71279

Ion Ratio Lower Upper

56 100

69 37.9 25.0 37.6#

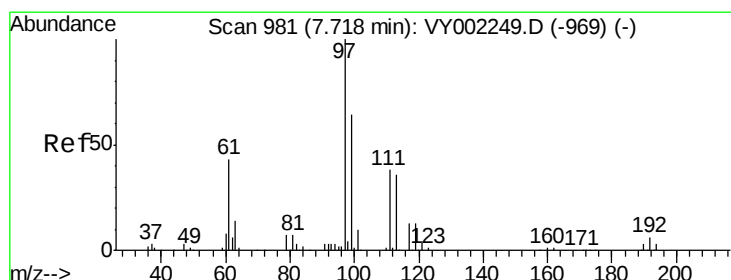
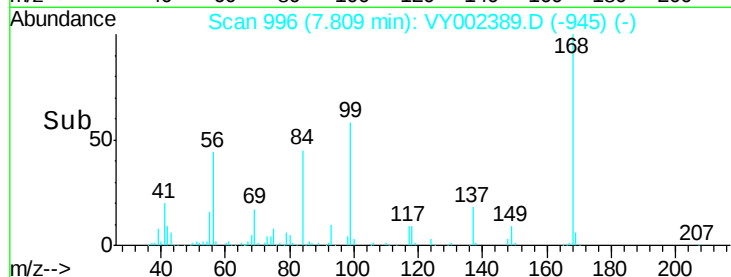
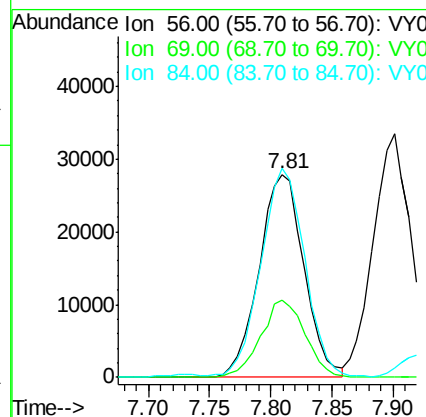
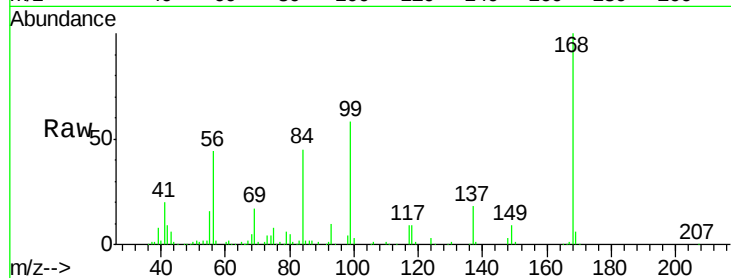
84 102.1 69.7 104.5

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 20.011 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

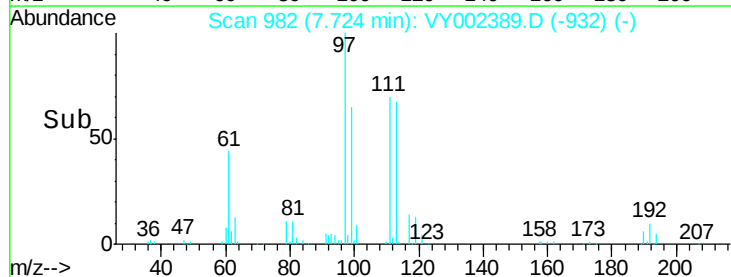
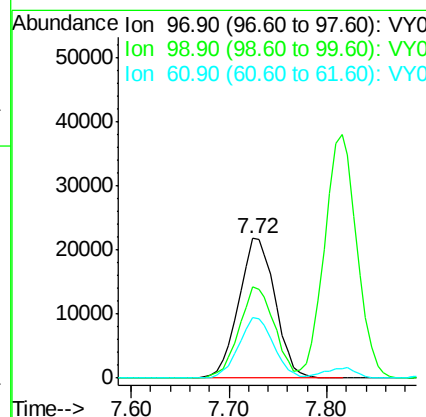
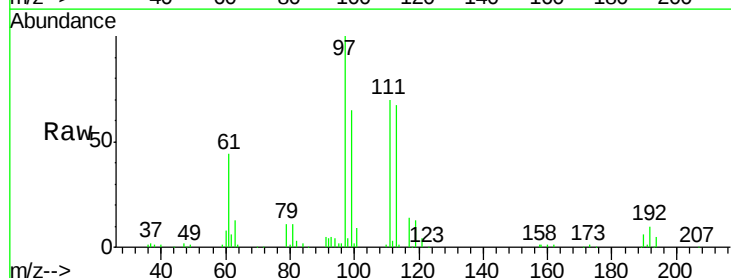
Tgt Ion: 97 Resp: 56427

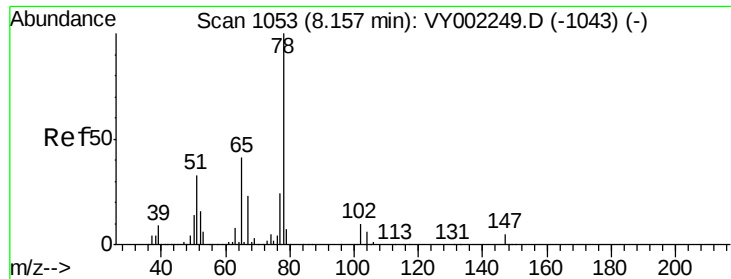
Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

61 41.3 34.3 51.5





#33

1,2-Dichloroethane-d4

Concen: 41.405 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

Tot Ion: 65 Resp: 74144

Ion Ratio Lower Upper

65 100

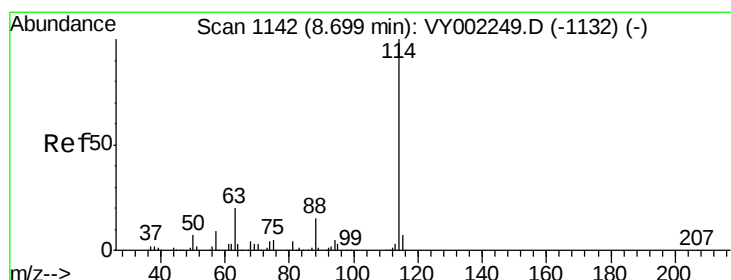
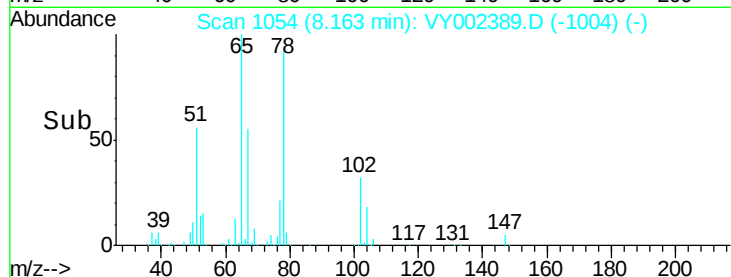
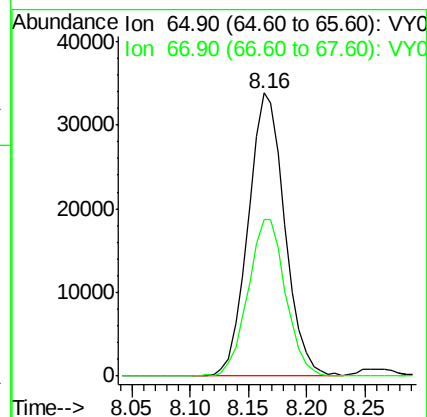
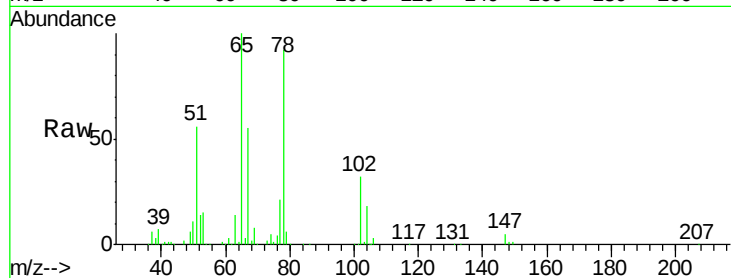
67 56.8 0.0 114.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

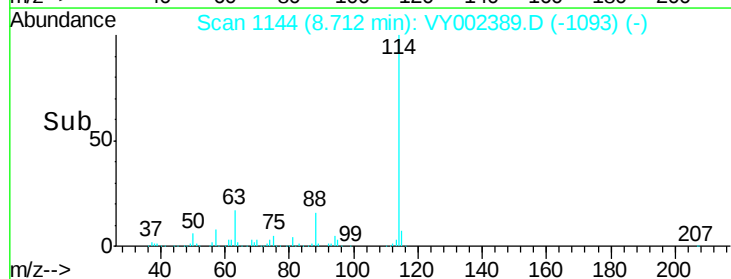
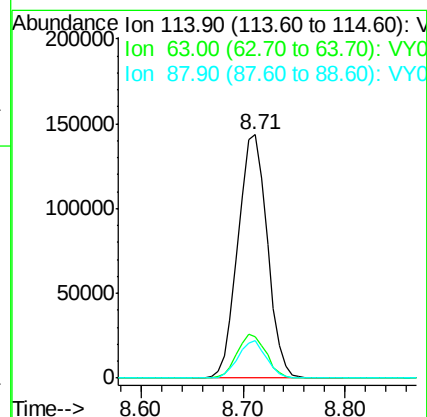
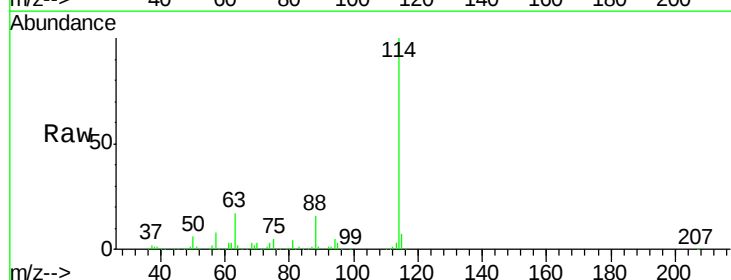
Tgt Ion: 114 Resp: 285656

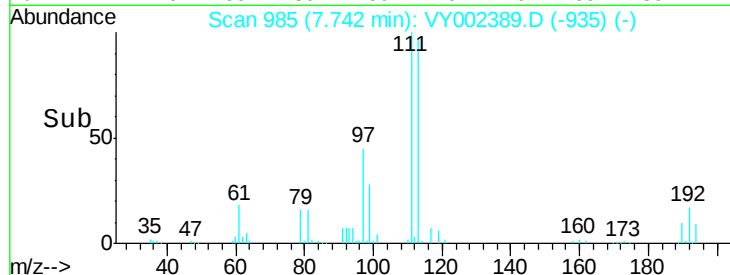
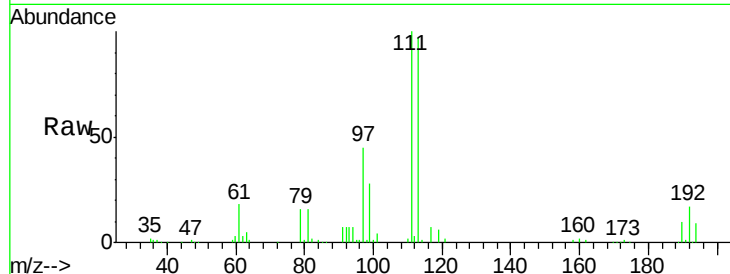
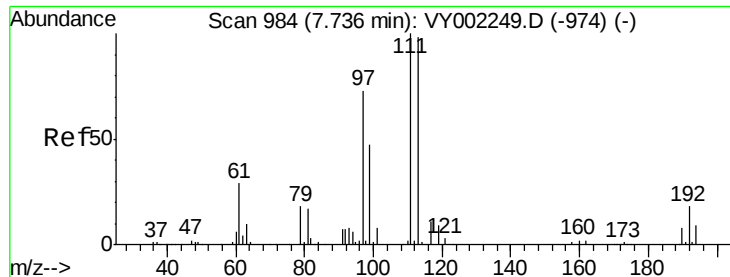
Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.0

88 15.6 0.0 31.0





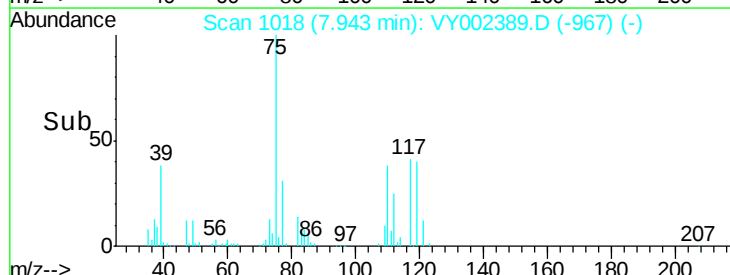
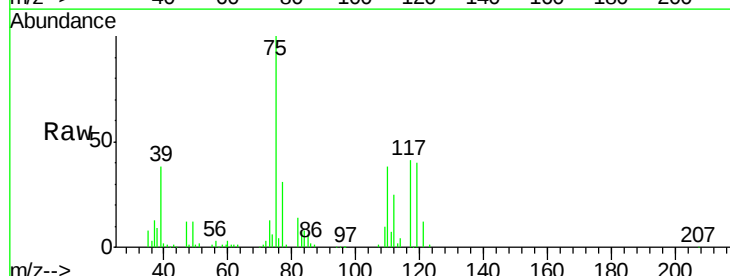
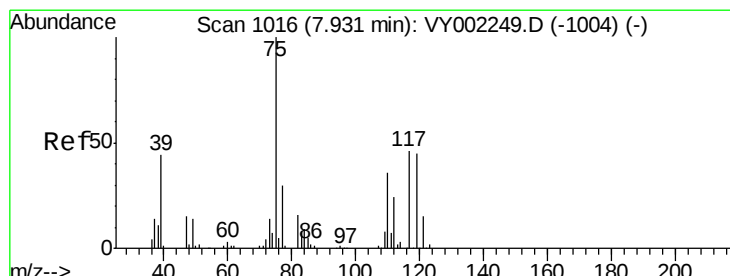
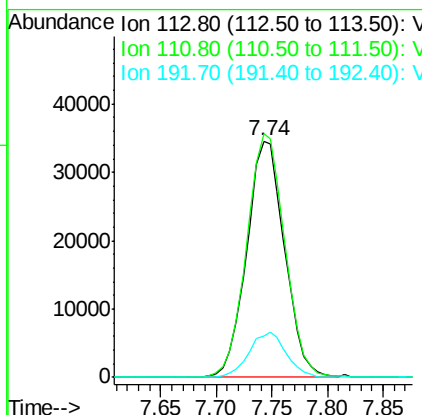
#35
Dibromofluoromethane
Concen: 48.098 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tot Ion	Ratio	Resp	Lower	Upper
113	100	81755		
111	104.1	83.5	125.3	
192	18.9	14.7	22.1	

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

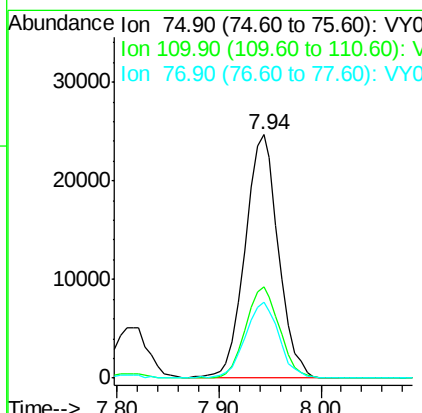
Manual Integrations
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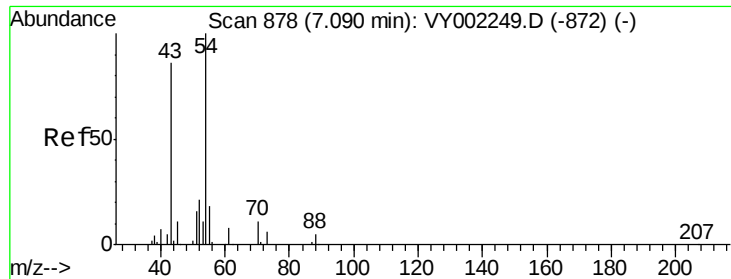
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#36
1,1-Dichloropropene
Concen: 19.953 ug/l
RT: 7.94 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	56141		
110	37.8	17.8	53.3	
77	31.7	24.4	36.6	





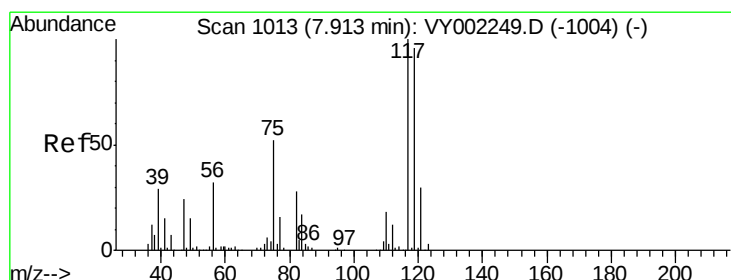
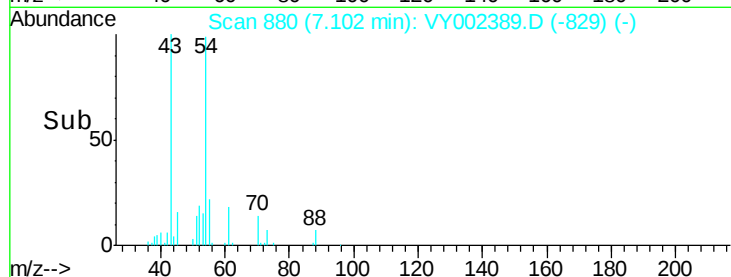
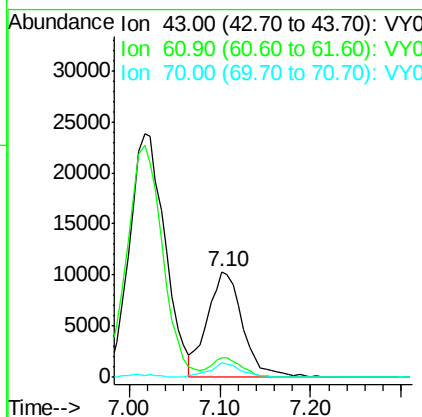
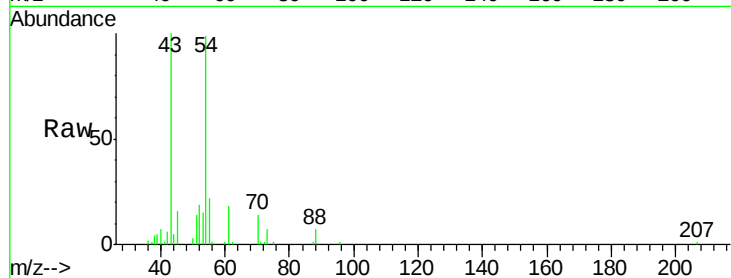
#37
Ethyl Acetate
Concen: 17.590 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	11.8	17.6
70	12.5	9.1	13.7

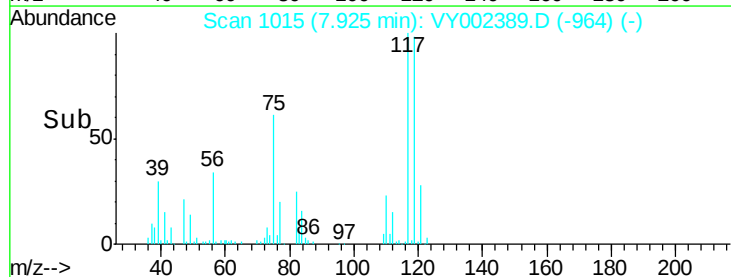
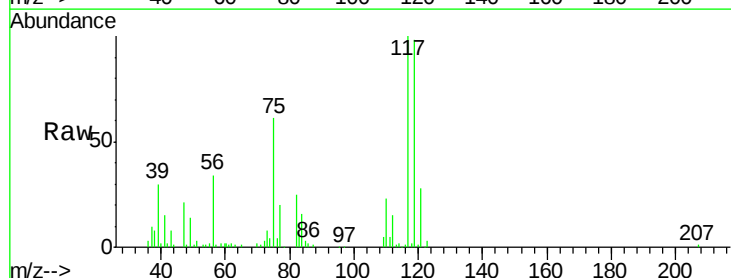
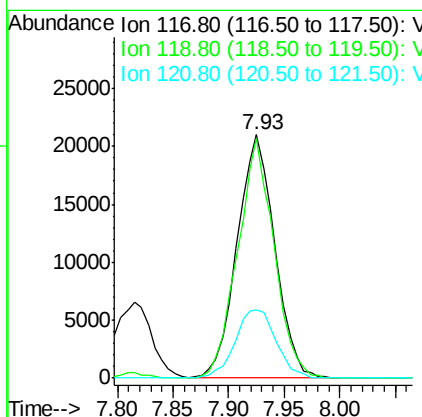
Manual Integrations
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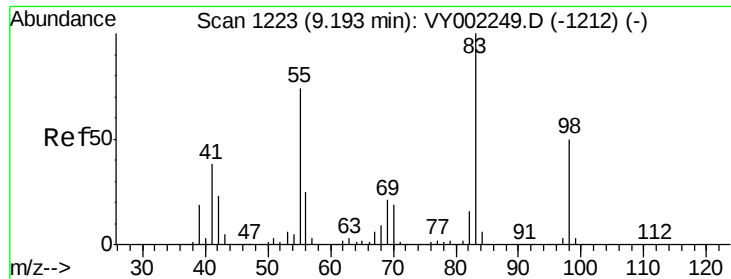
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#38
Carbon Tetrachloride
Concen: 20.527 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.1	115.7
121	28.0	23.9	35.9





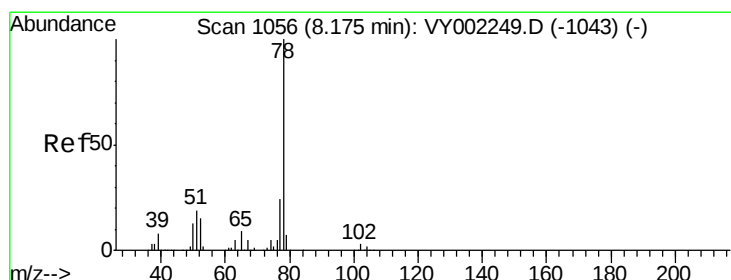
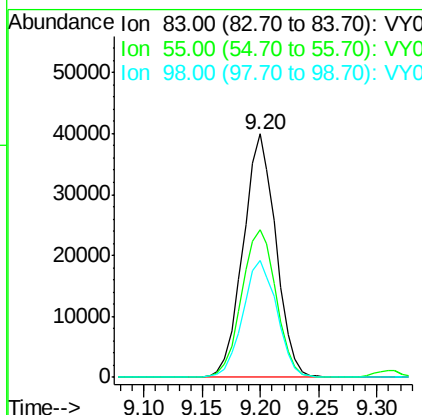
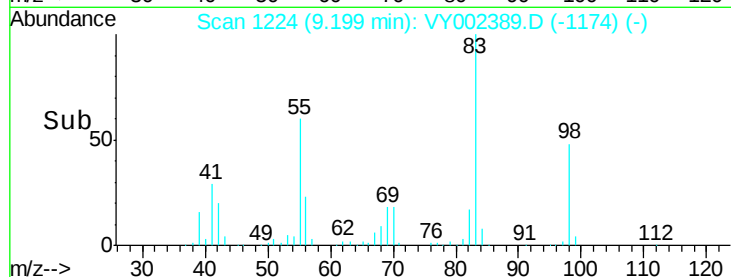
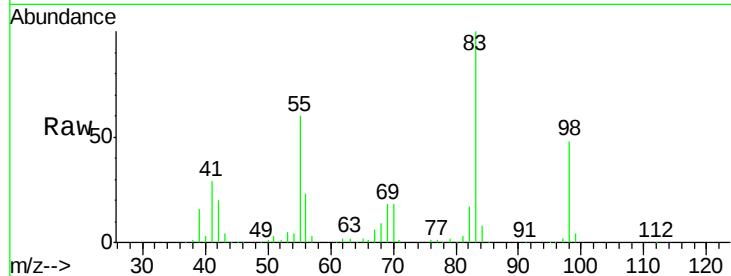
#39
Methvlcvclohexane
Concen: 20.494 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	60.5	59.3	88.9
98	47.9	39.6	59.4

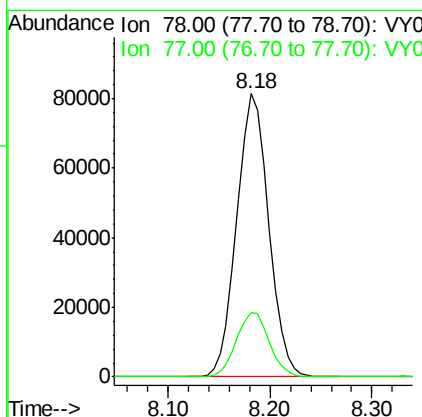
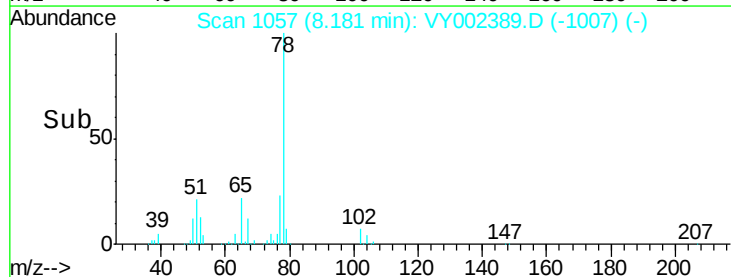
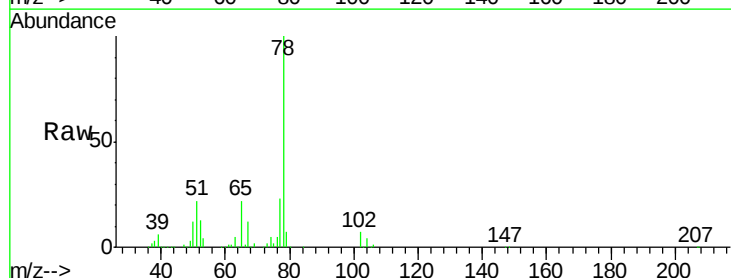
Manual Integrations
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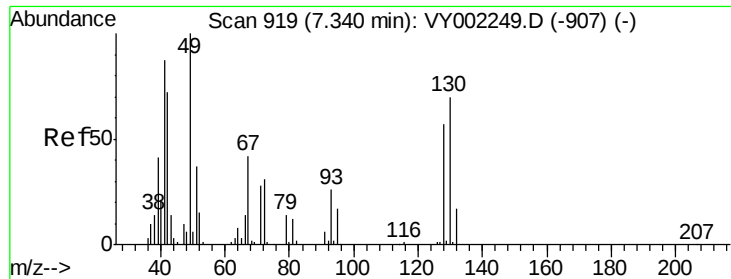
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#40
Benzene
Concen: 20.754 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.9	28.3





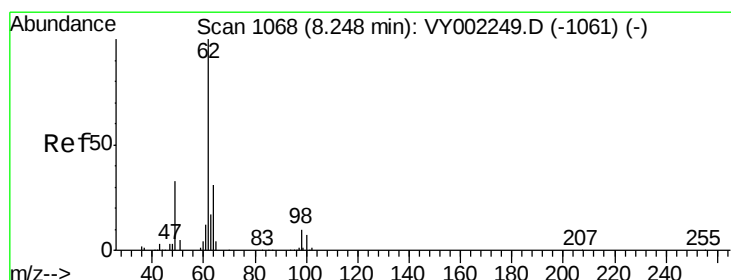
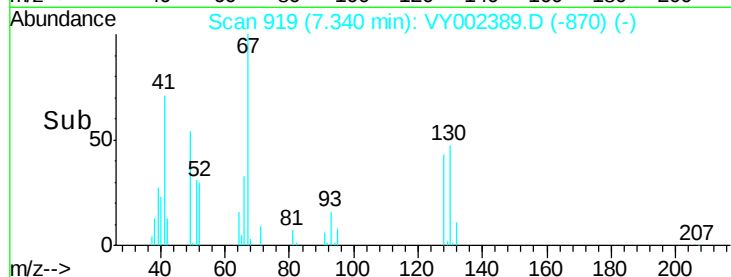
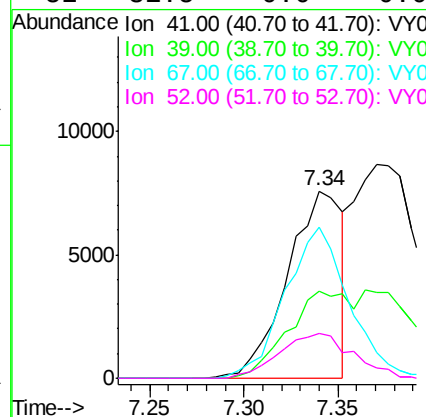
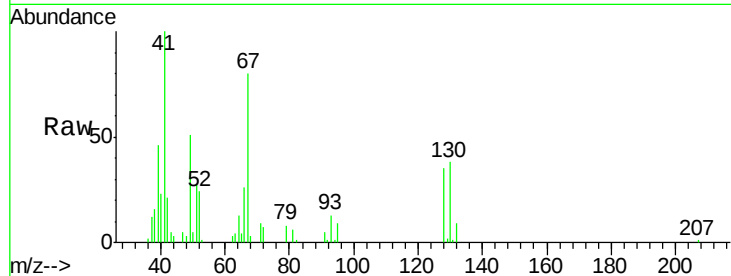
#41
Methacrylonitrile
Concen: 16.225 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.6	0.0	0.0#
67	93.7	0.0	0.0#
52	31.5	0.0	0.0#

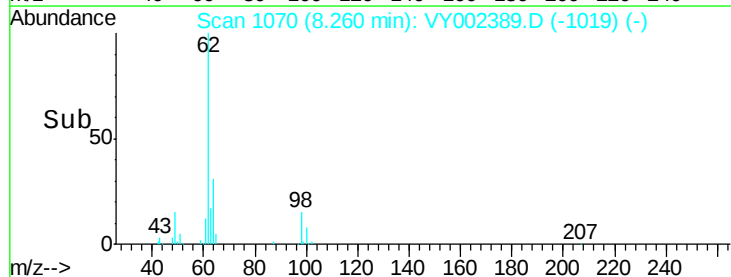
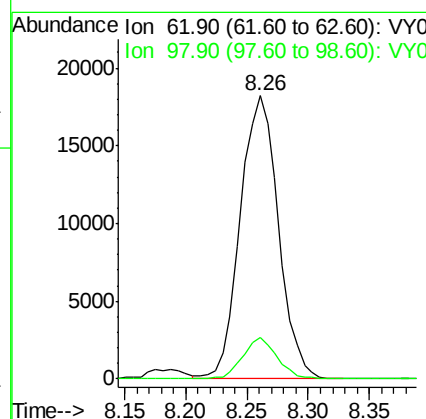
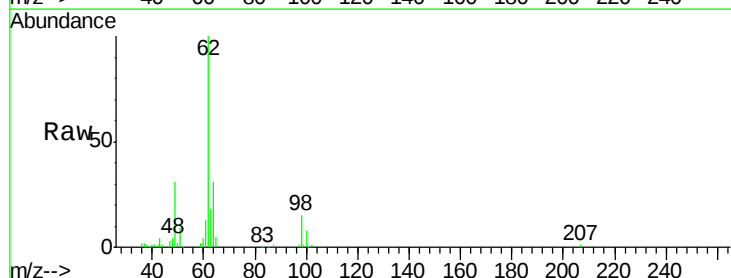
Manual Integrations
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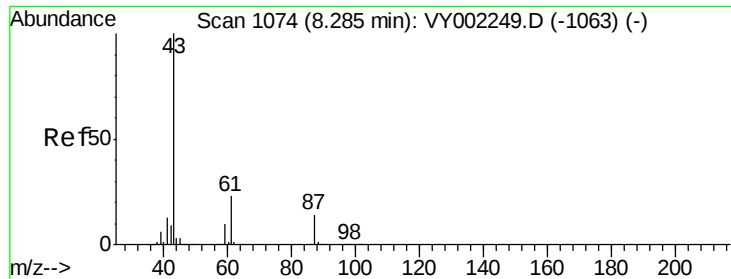
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#42
1,2-Dichloroethane
Concen: 18.637 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	13.1	0.0	22.6





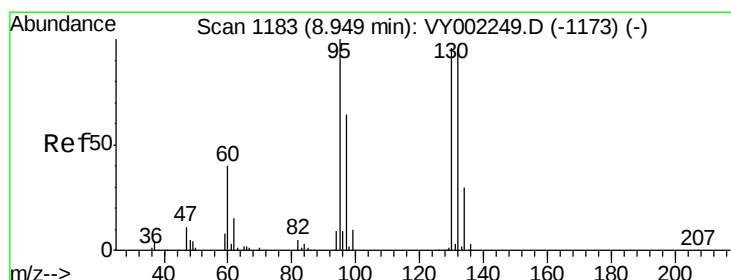
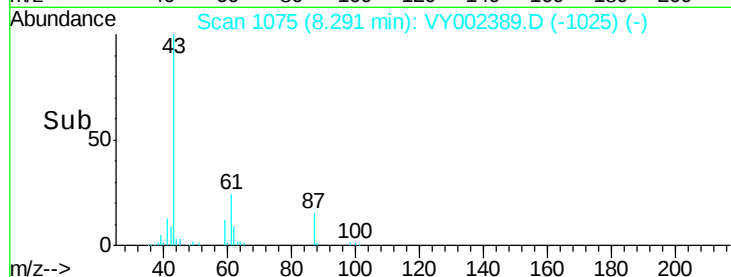
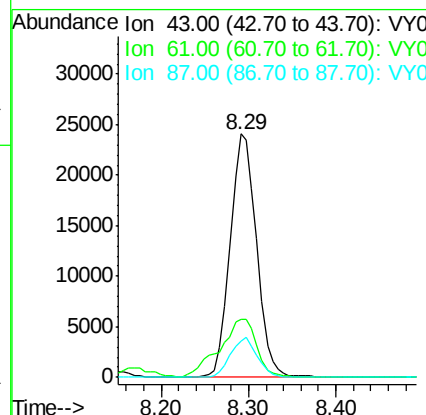
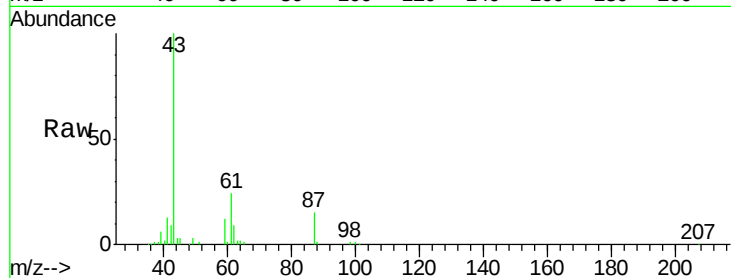
#43
Isopropyl Acetate
Concen: 17.247 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.6	24.9	37.3
87	16.5	11.7	17.5

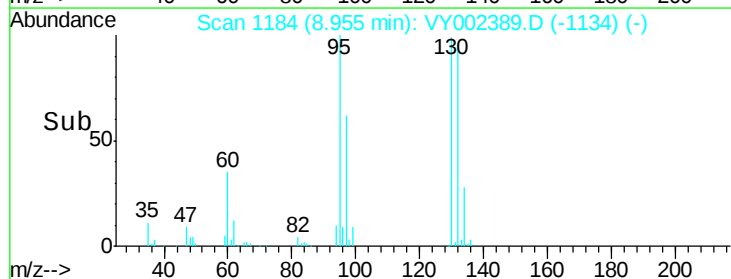
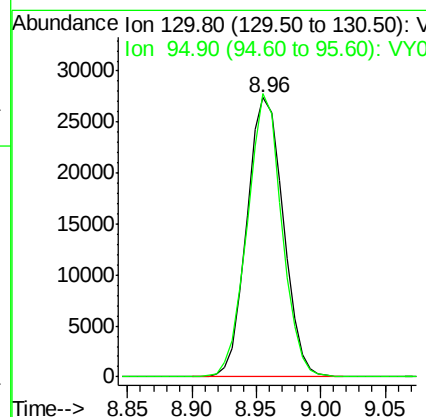
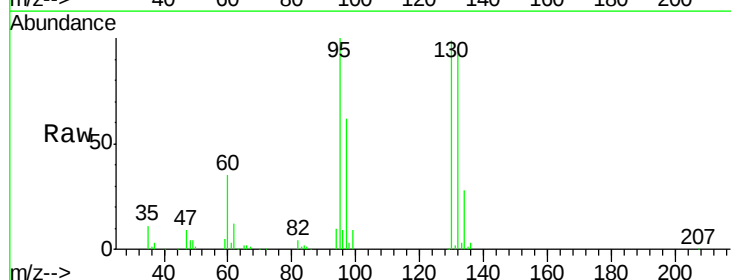
Manual Integrations
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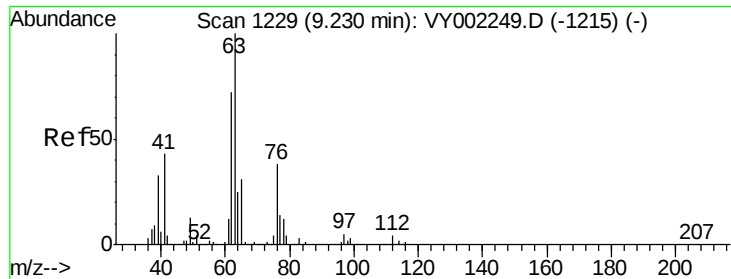
MMDadoda
4/20/2020 11:41:47 AM



#44
Trichloroethene
Concen: 21.260 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	208.2





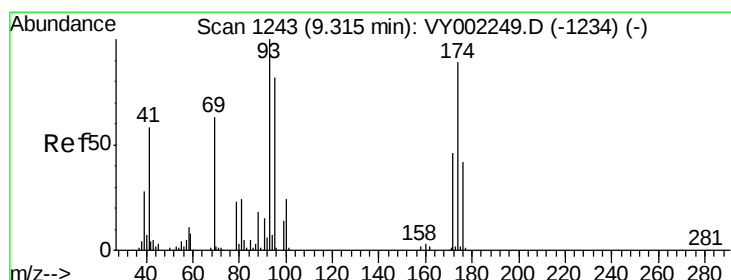
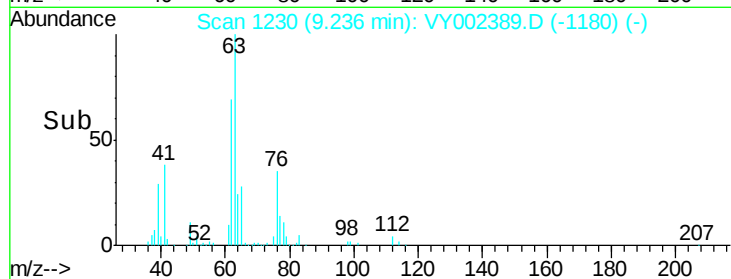
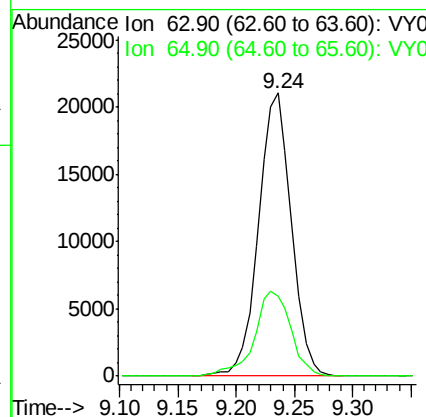
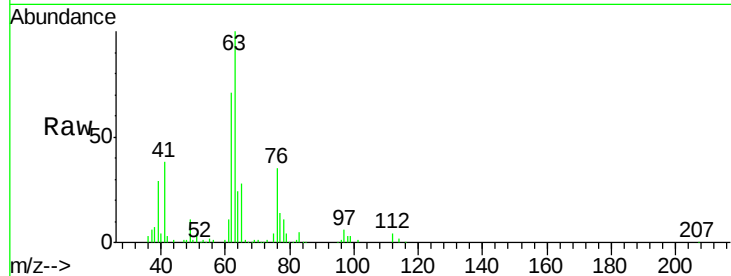
#45
 1,2-Dichloropropane
 Concen: 19.506 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002389.D
 Acq: 17 Apr 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	41315		
65	28.2		24.6	37.0

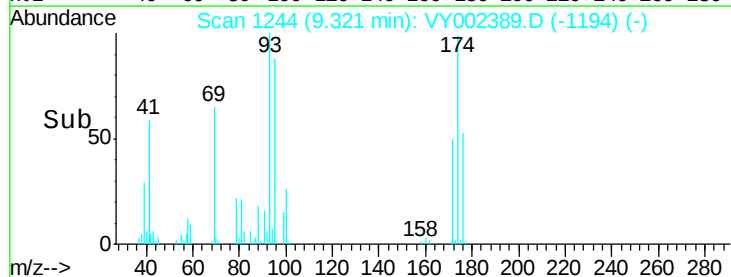
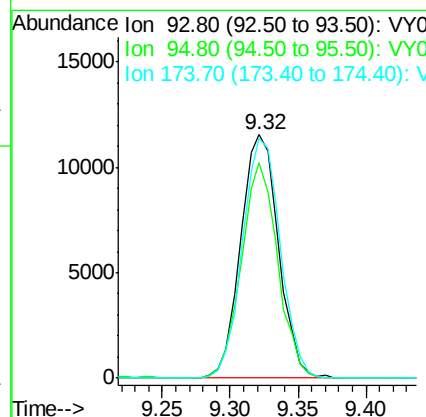
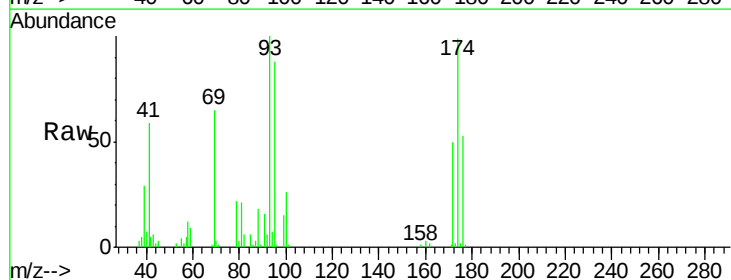
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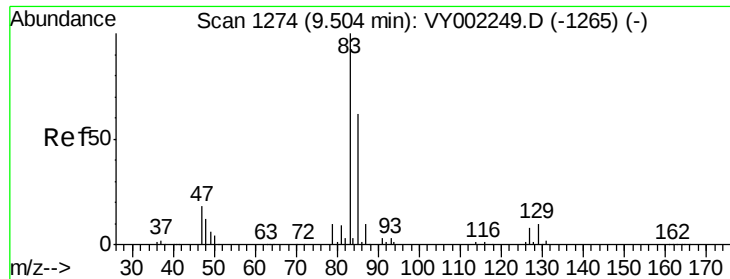
MMDadoda
 4/20/2020 11:41:47 AM



#46
 Dibromomethane
 Concen: 20.244 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: VY002389.D
 Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	22419		
95	84.9		67.3	100.9
174	98.7		72.5	108.7





#47

Bromodichloromethane

Concen: 19.926 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Instrument :

MSVOA_Y

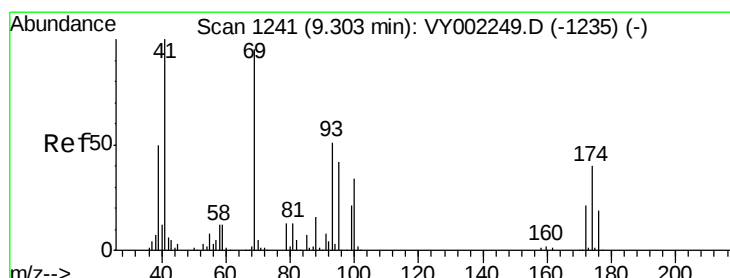
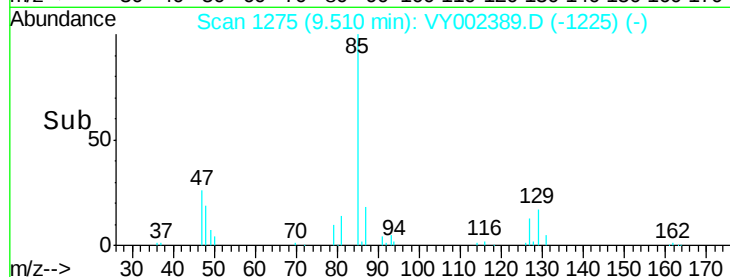
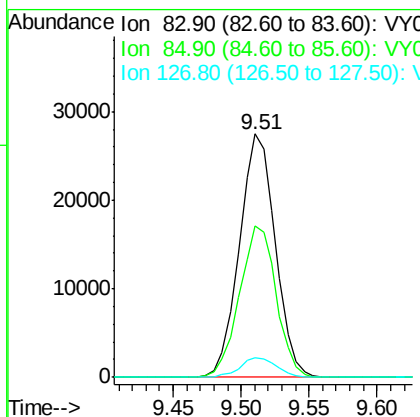
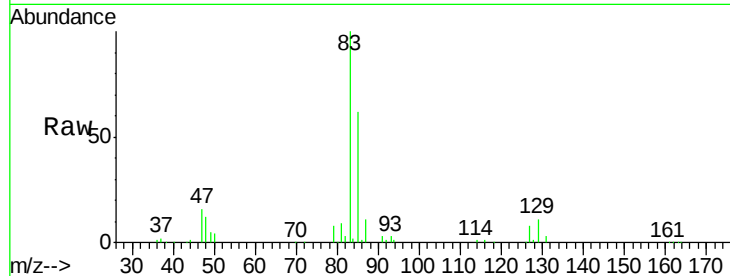
ClientSampleId :

VY0417SBS01

Tot Ion:	83	Resp:	50634
Ion Ratio	Lower	Upper	
83	100		
85	62.0	49.7	74.5
127	7.8	6.2	9.4

Manual Integrations
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MMDadoda
4/20/2020 11:41:47 AM



#48

Methyl methacrylate

Concen: 17.284 ug/l

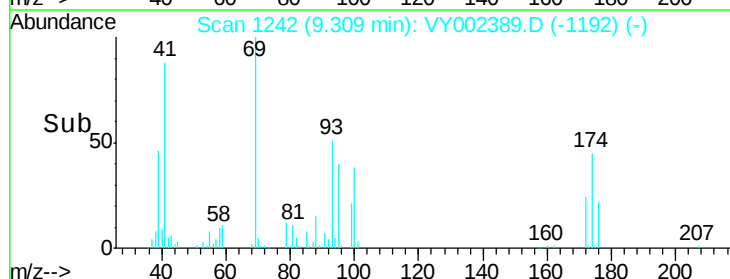
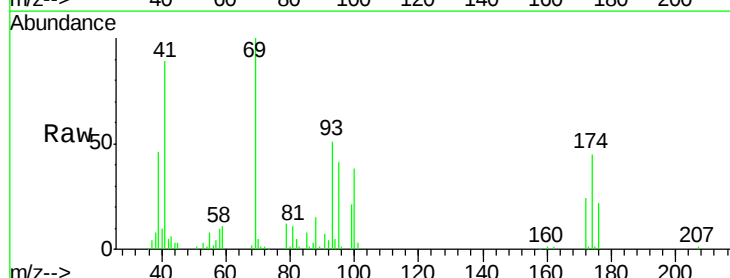
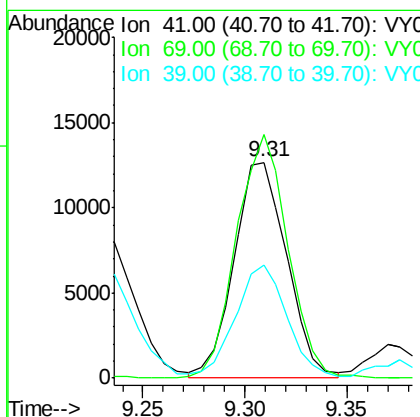
RT: 9.31 min Scan# 1242

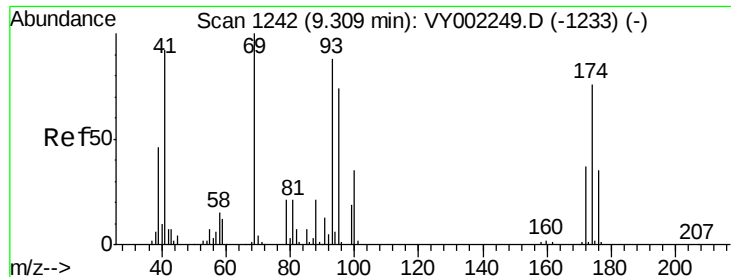
Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Tgt Ion:	41	Resp:	22720
Ion Ratio	Lower	Upper	
41	100		
69	110.3	76.7	115.1
39	49.4	40.5	60.7





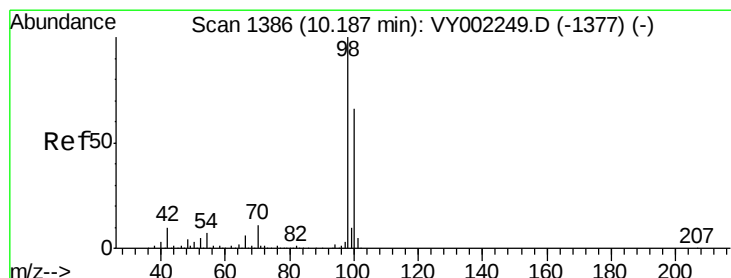
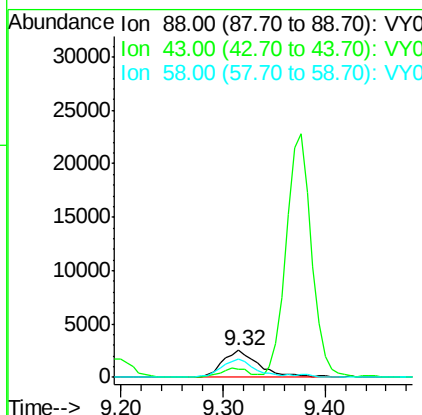
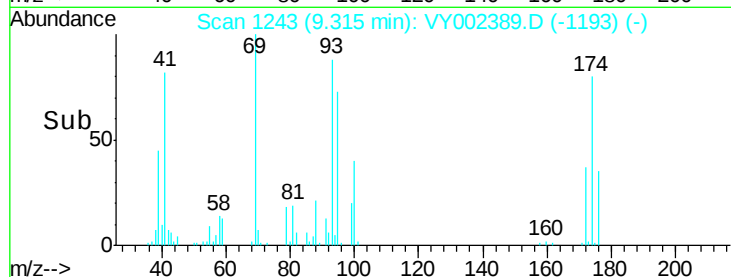
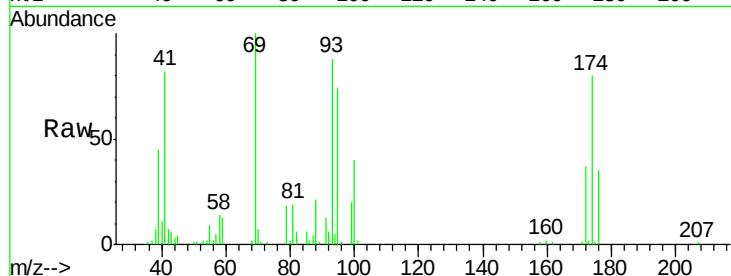
#49
1,4-Dioxane
Concen: 402.152 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	6300		
43	25.7		22.2	33.2
58	63.6		57.6	86.4

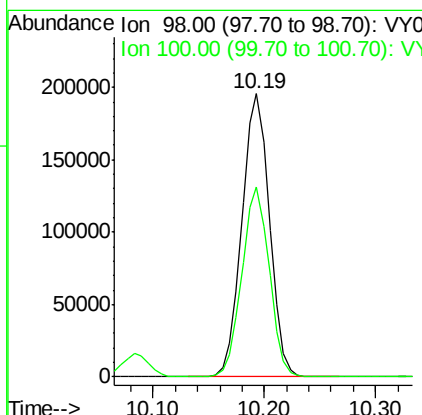
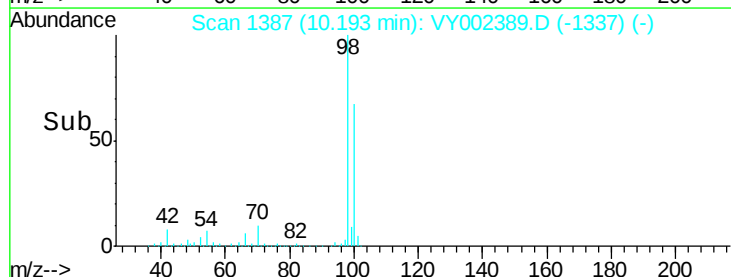
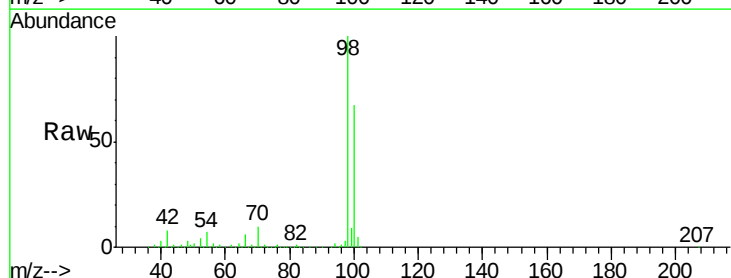
Manual Integrations
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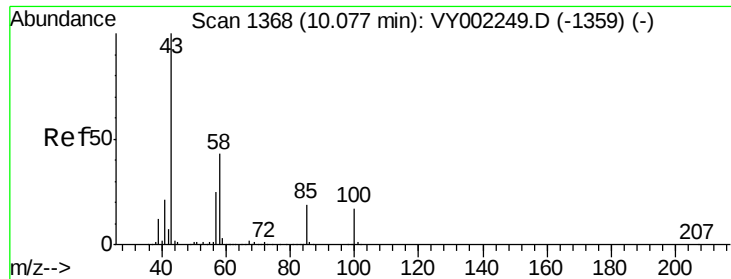
MMDadoda
4/20/2020 11:41:47 AM



#50
Toluene-d8
Concen: 47.248 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	336141		
100	66.3		52.6	78.8





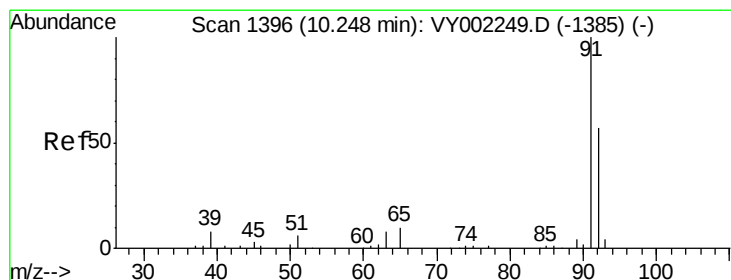
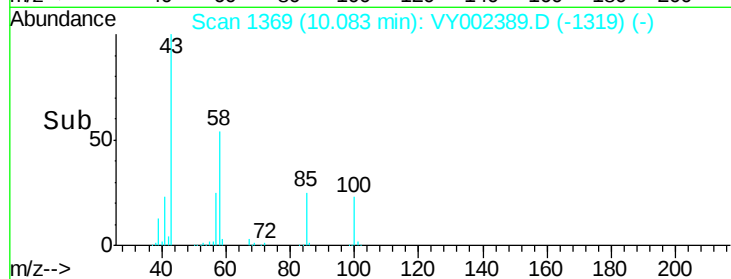
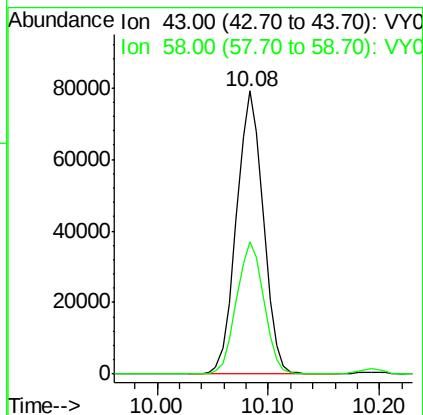
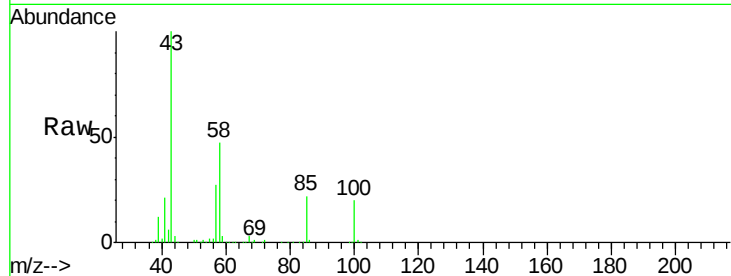
#51
4-Methyl-2-Pentanone
Concen: 86.486 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion: 43 Resp: 132113
Ion Ratio Lower Upper
43 100
58 47.6 33.8 50.8

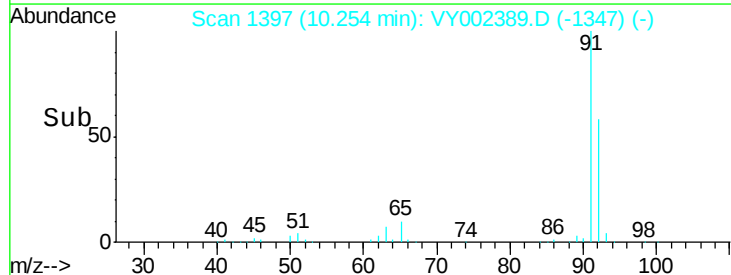
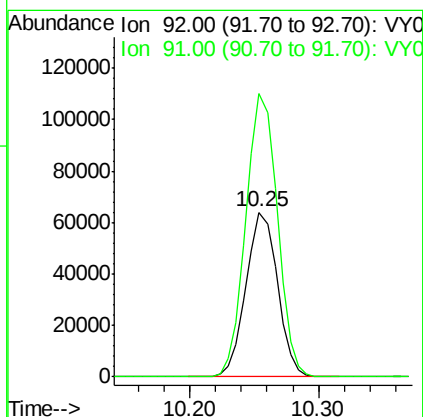
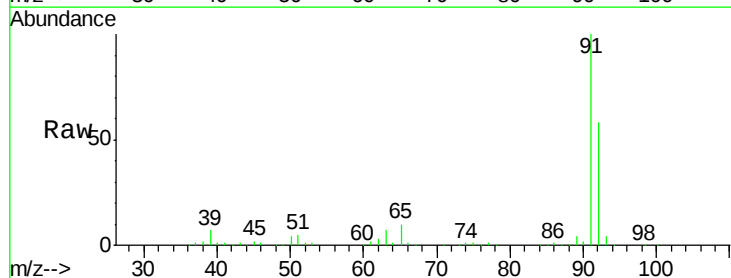
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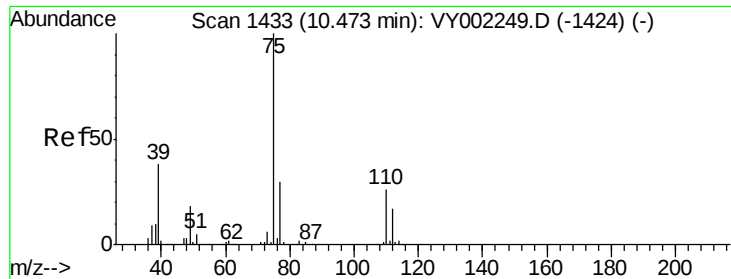
MMDadoda
4/20/2020 11:41:47 AM



#52
Toluene
Concen: 21.019 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion: 92 Resp: 108135
Ion Ratio Lower Upper
92 100
91 172.7 139.0 208.6





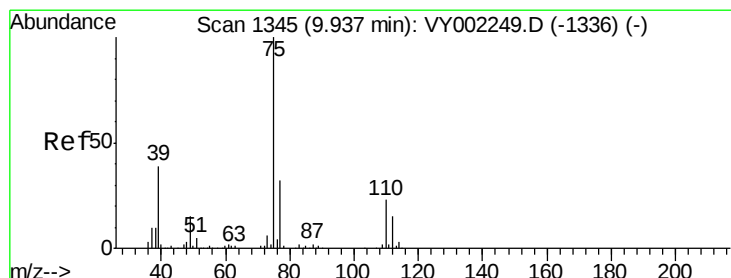
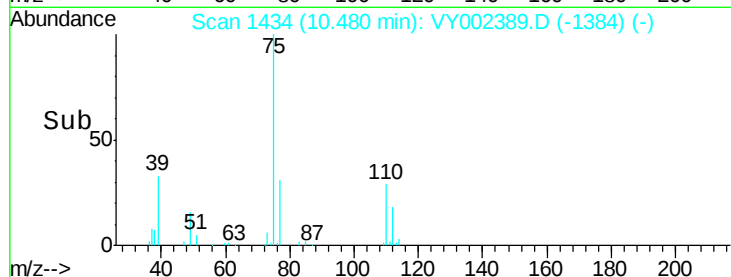
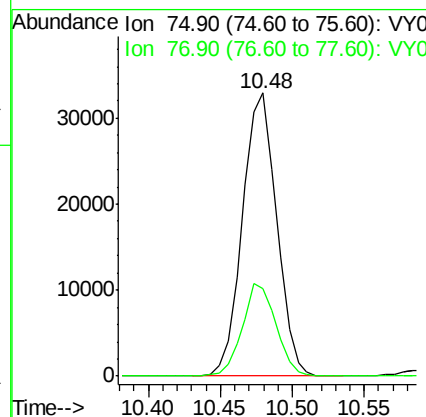
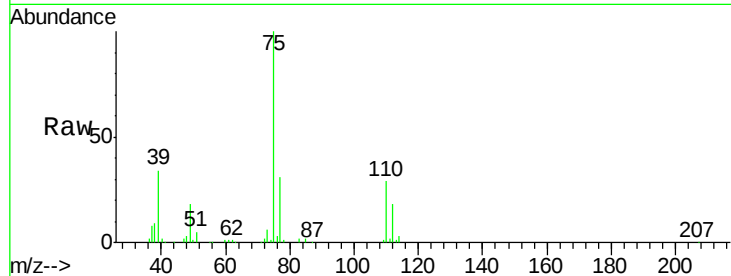
#53
t-1,3-Dichloropropene
Concen: 19.611 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion: 75 Resp: 54295
Ion Ratio Lower Upper
75 100
77 31.0 24.2 36.2

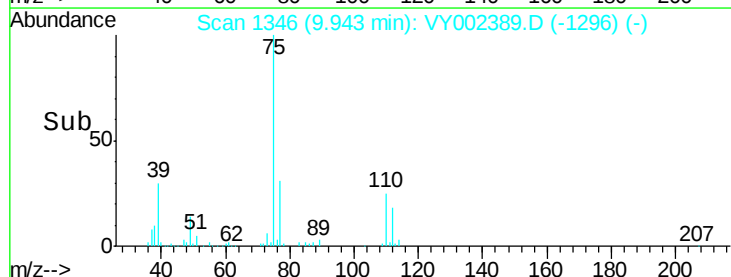
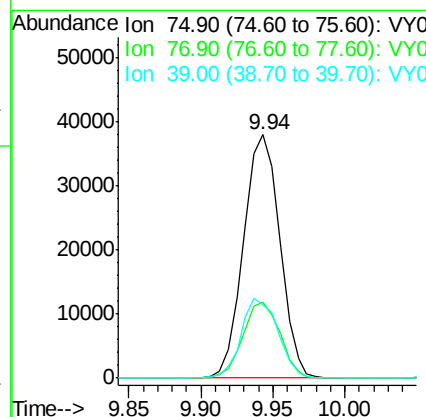
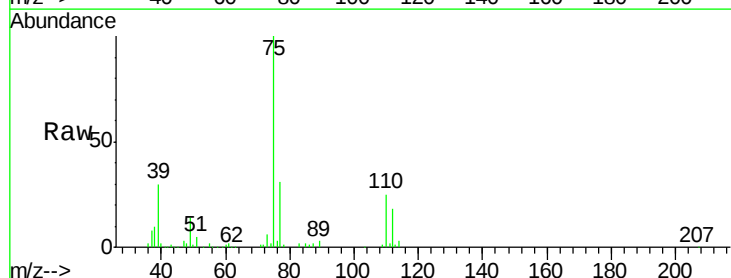
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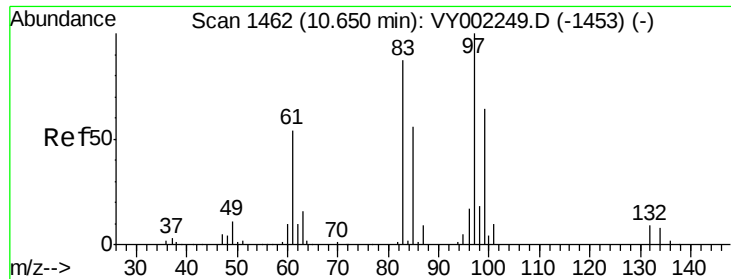
MMDadoda
4/20/2020 11:41:47 AM



#54
cis-1,3-Dichloropropene
Concen: 19.953 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion: 75 Resp: 66416
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8
39 30.4 30.8 46.2#





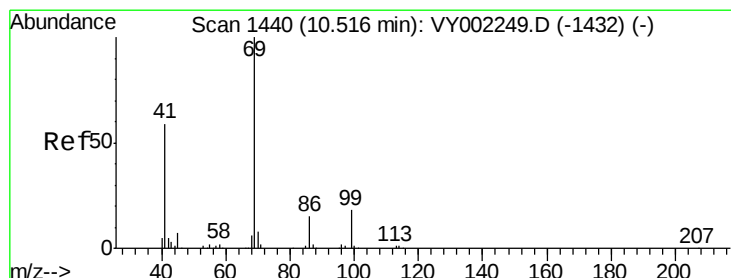
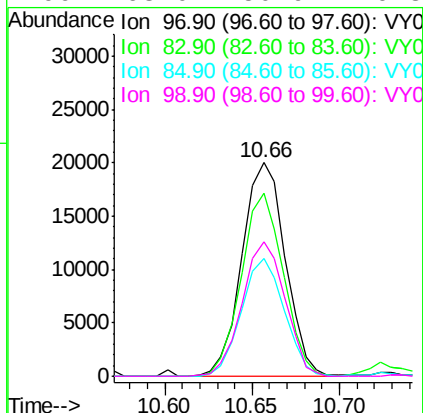
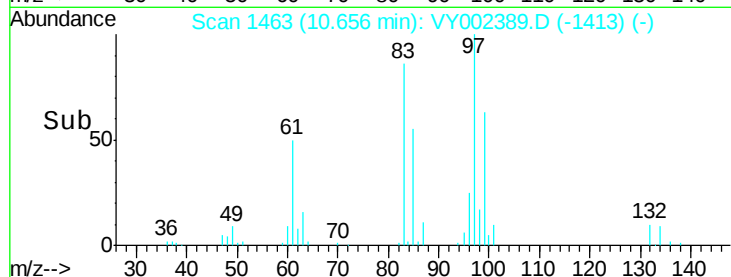
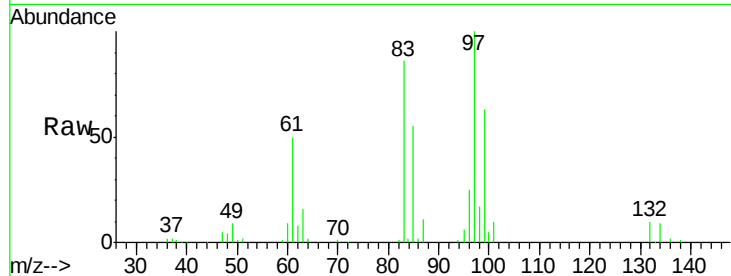
#55
 1,1,2-Trichloroethane
 Concen: 21.292 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY002389.D
 Acq: 17 Apr 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBS01

Tot Ion:	97	Resp:	34523
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.5	104.3
85	54.9	45.2	67.8
99	63.0	50.9	76.3

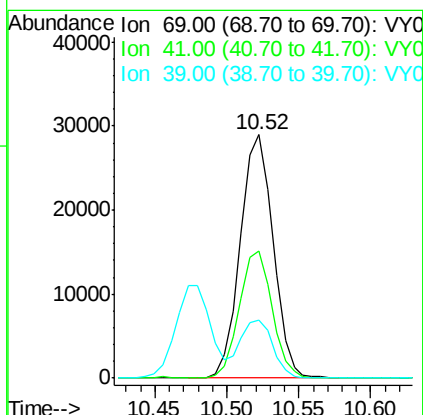
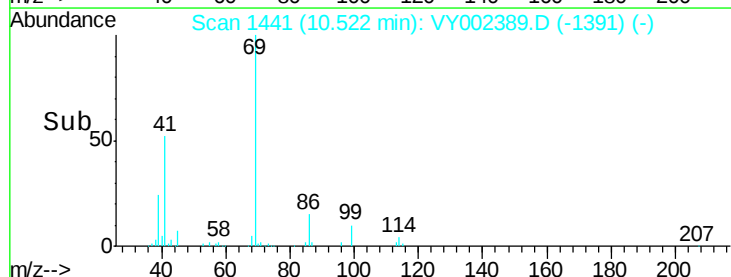
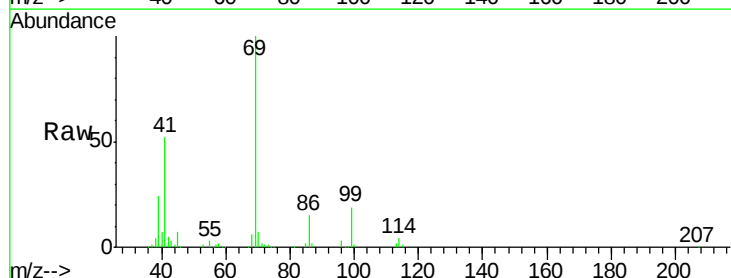
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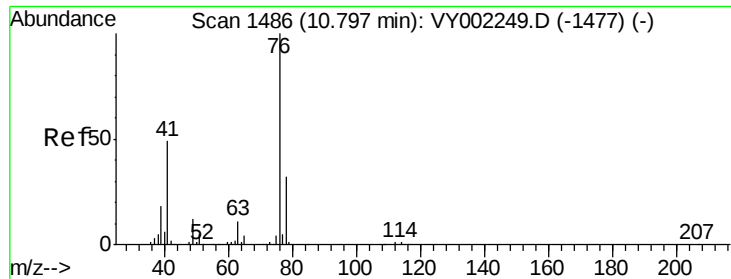
MMDadoda
 4/20/2020 11:41:47 AM



#56
 Ethyl methacrylate
 Concen: 19.831 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY002389.D
 Acq: 17 Apr 2020 11:31

Tgt Ion:	69	Resp:	45891
Ion	Ratio	Lower	Upper
69	100		
41	52.5	47.9	71.9
39	24.3	23.8	35.6





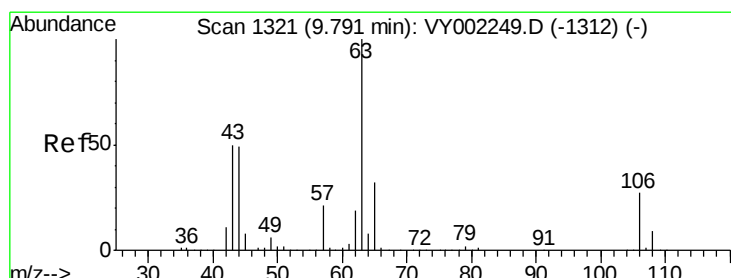
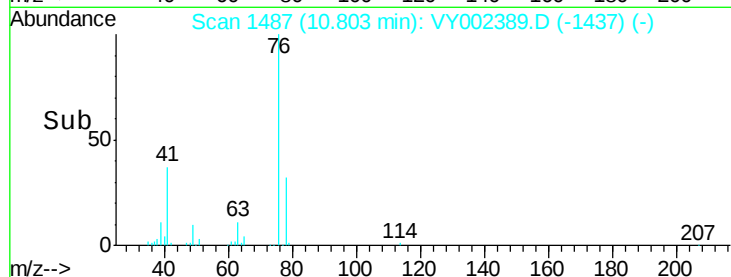
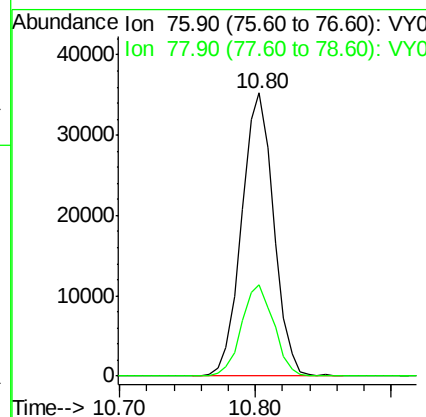
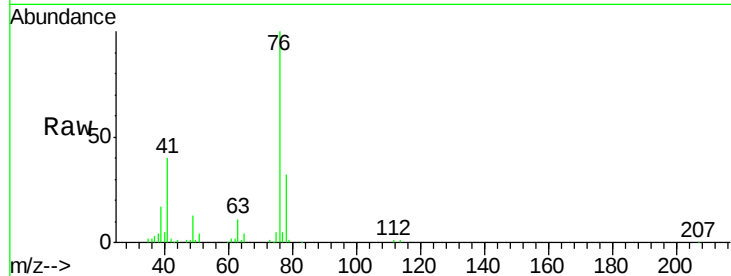
#57
 1,3-Dichloropropane
 Concen: 20.388 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY002389.D
 Acq: 17 Apr 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.6

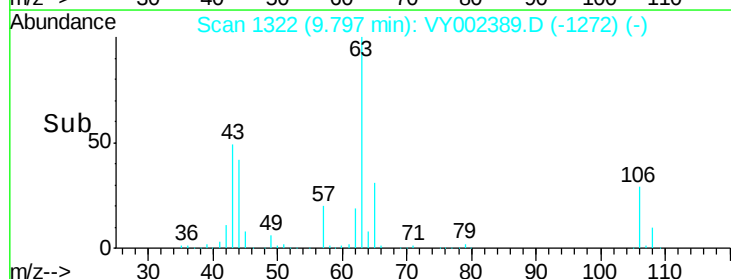
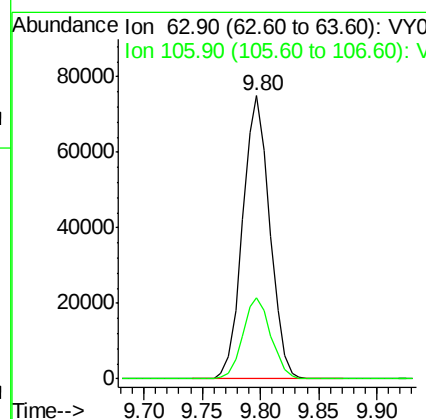
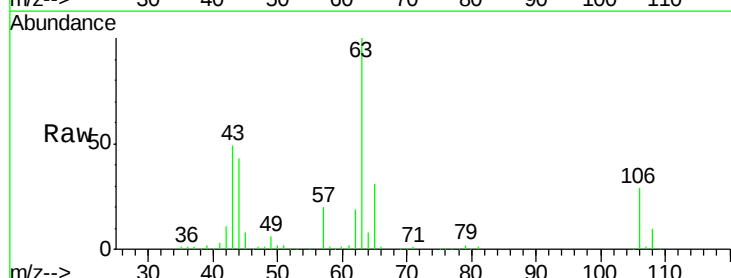
Manual Integrations
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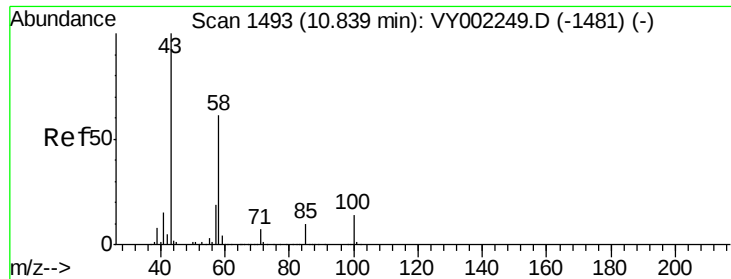
MMDadoda
 4/20/2020 11:41:47 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.651 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY002389.D
 Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	22.2	33.2





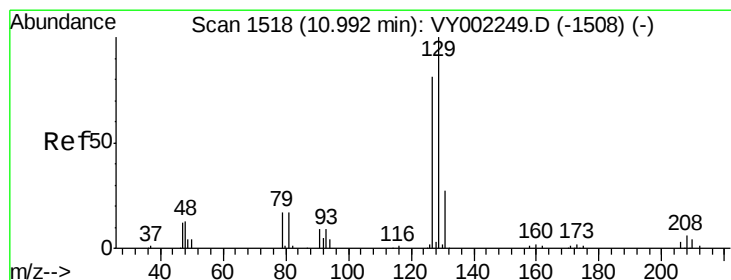
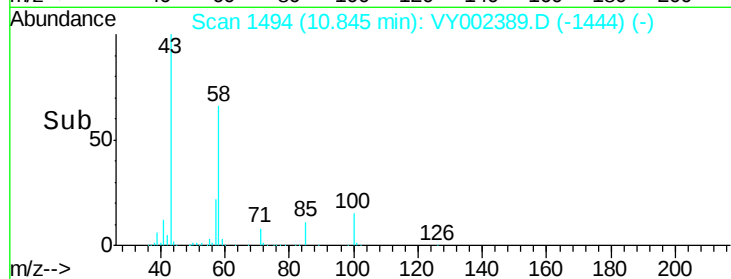
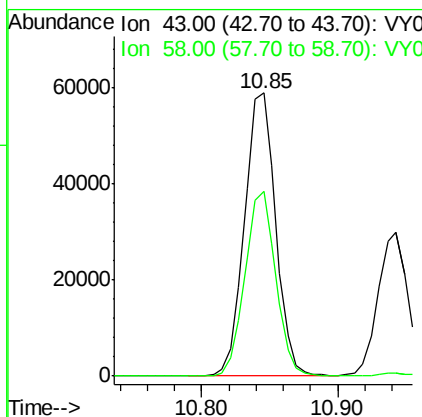
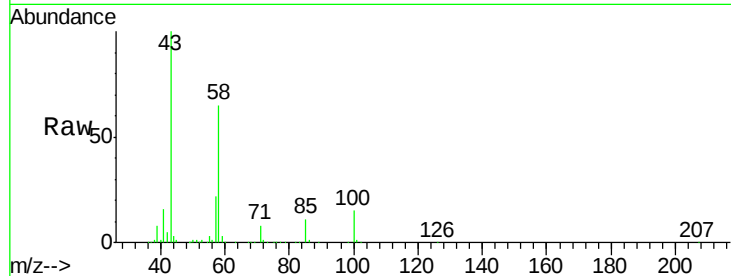
#59
2-Hexanone
Concen: 89.285 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion: 43 Resp: 94658
Ion Ratio Lower Upper
43 100
58 64.4 29.8 89.3

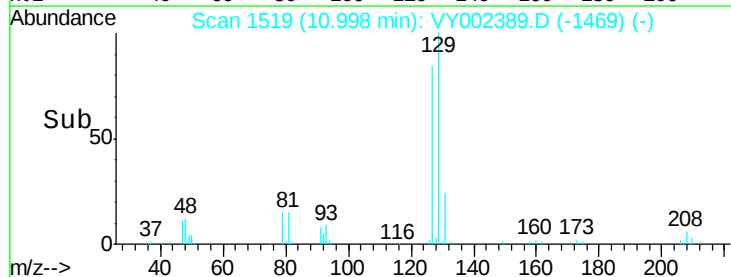
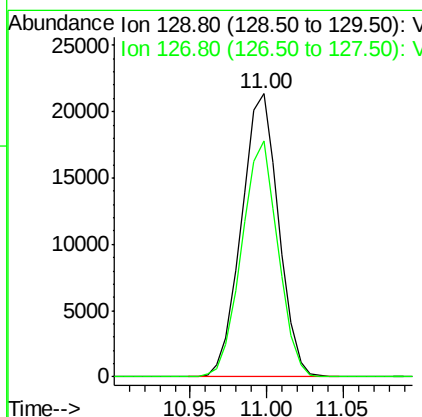
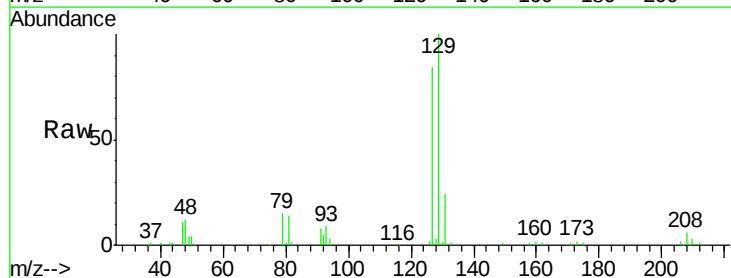
Manual Integrations
APPROVED

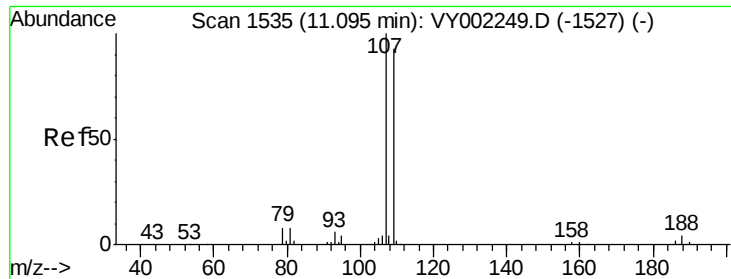
MMDadoda
4/20/2020 11:41:47 AM



#60
Dibromochloromethane
Concen: 20.763 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion: 129 Resp: 35897
Ion Ratio Lower Upper
129 100
127 81.7 39.0 117.0





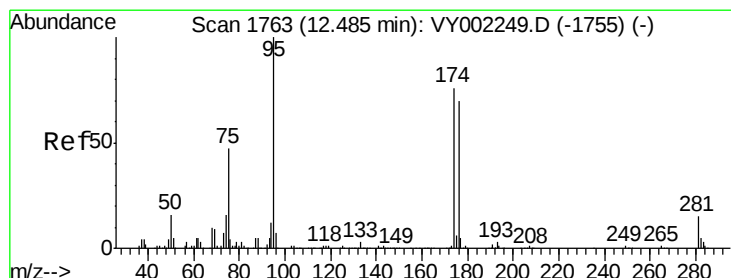
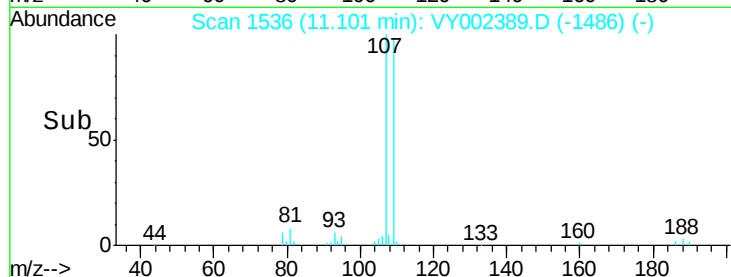
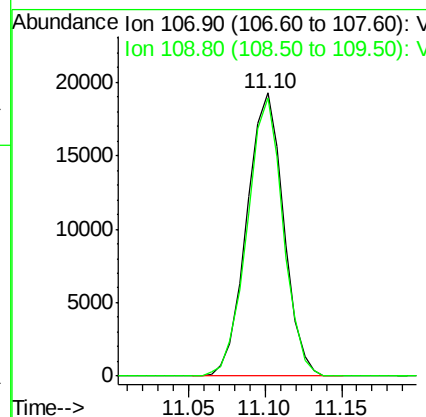
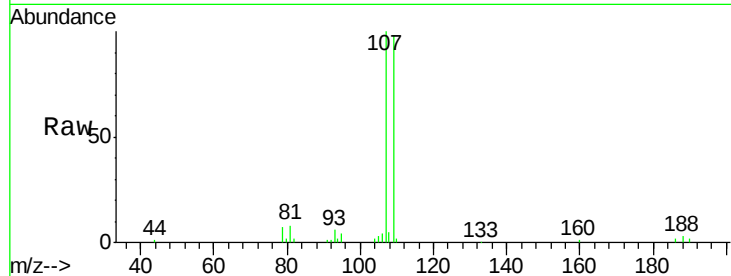
#61
1,2-Dibromoethane
Concen: 20.861 ug/l
RT: 11.10 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	75.6	113.4

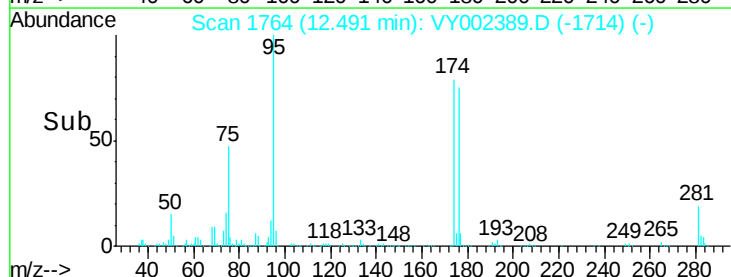
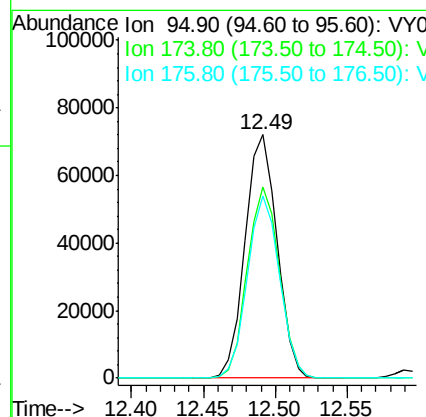
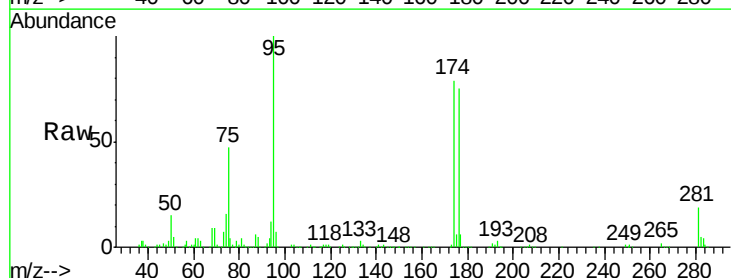
Manual Integrations
APPROVED

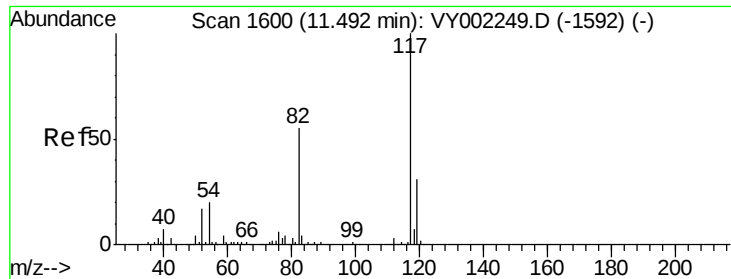
MMDadoda
4/20/2020 11:41:47 AM



#62
4-Bromofluorobenzene
Concen: 47.268 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	150.6
176	74.9	0.0	141.4





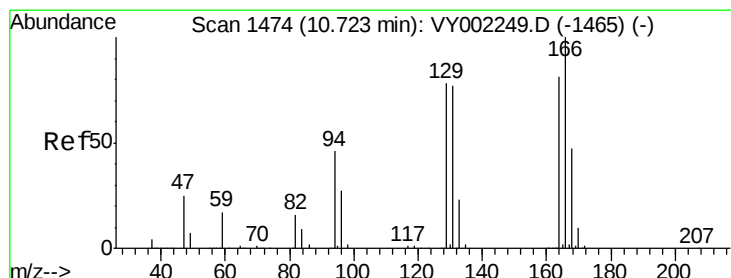
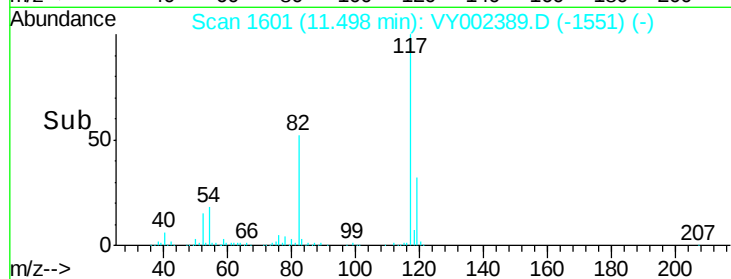
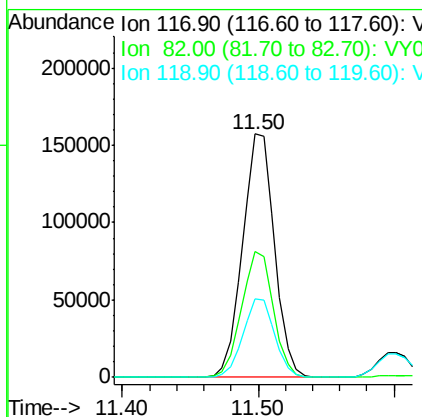
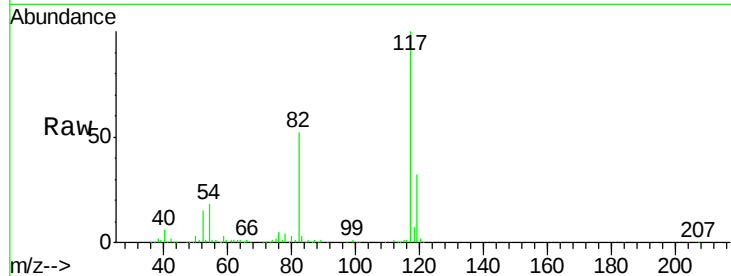
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	257397		
82	51.7	44.2	66.4	
119	32.1	25.1	37.7	

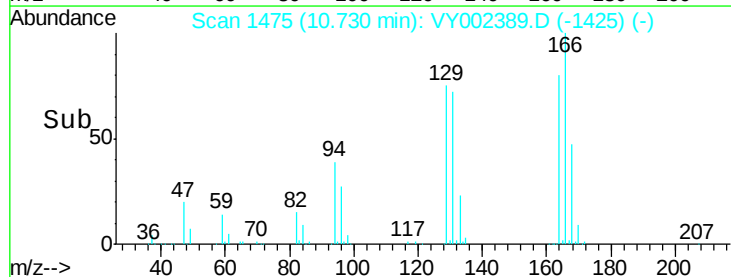
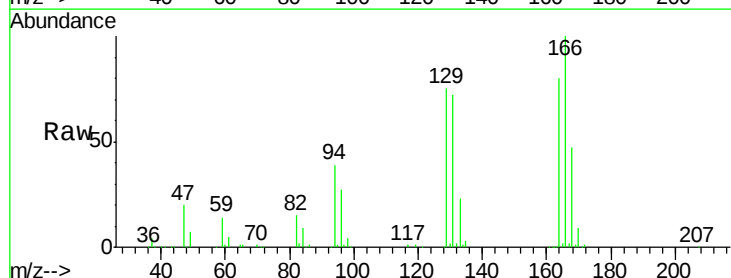
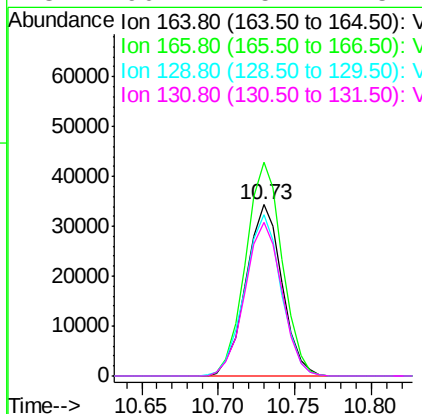
Manual Integrations
APPROVED

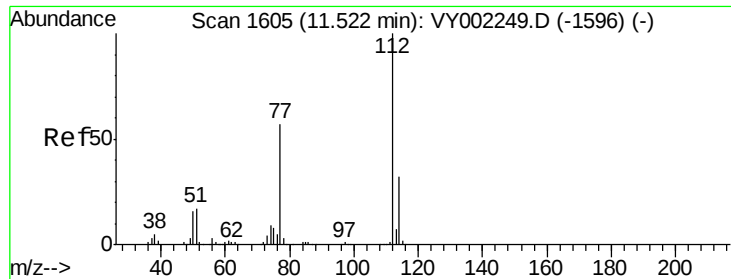
MMDadoda
4/20/2020 11:41:47 AM



#64
Tetrachloroethene
Concen: 21.638 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56309		
166	124.8	98.4	147.6	
129	94.0	76.6	115.0	
131	90.1	75.4	113.2	





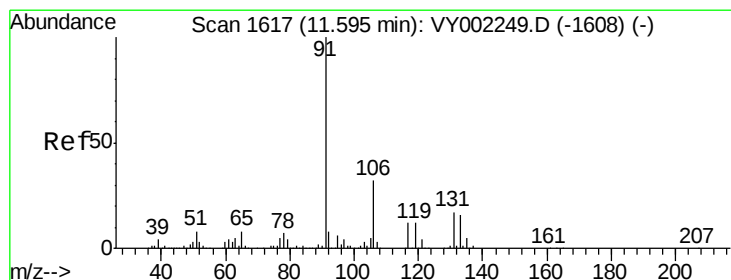
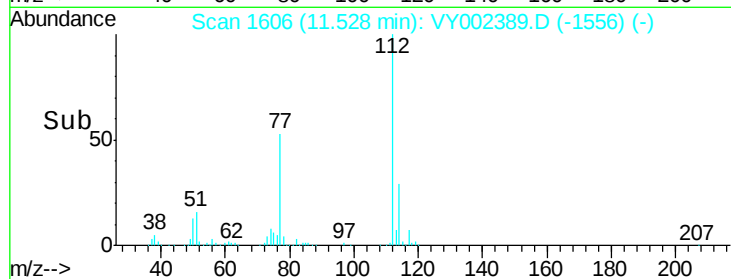
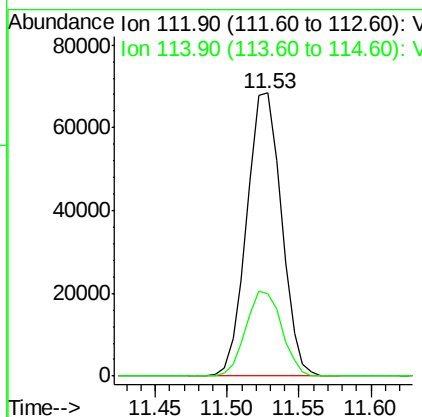
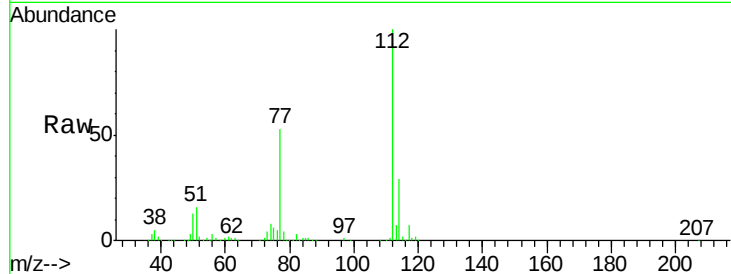
#65
Chlorobenzene
Concen: 21.313 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion:112 Resp: 114036
Ion Ratio Lower Upper
112 100
114 29.3 25.6 38.4

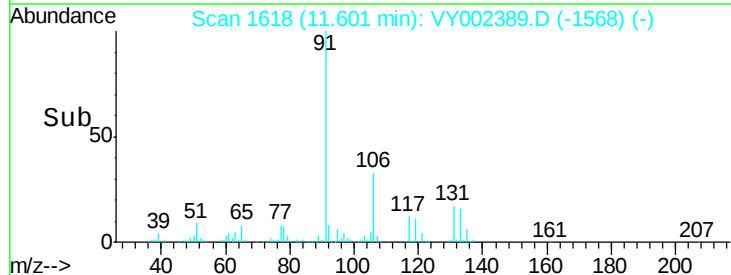
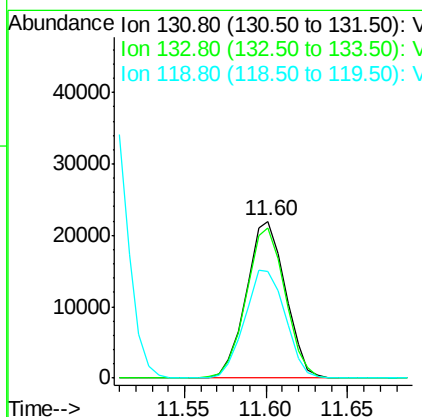
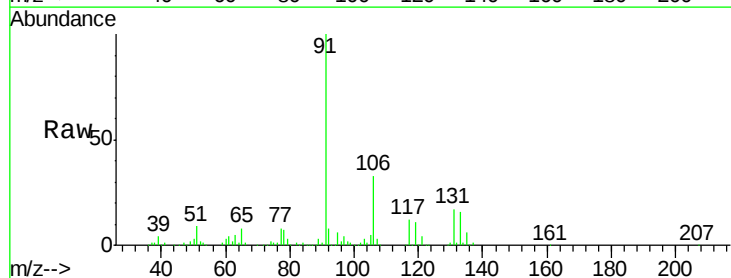
Manual Integrations
APPROVED

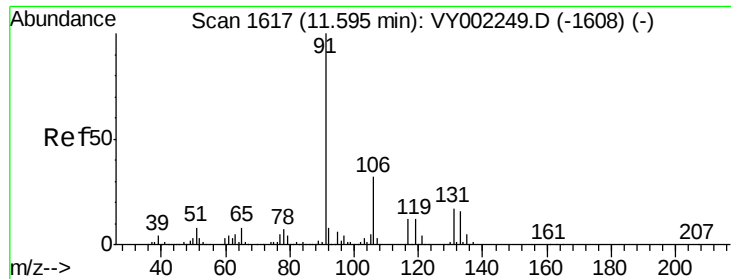
MMDadoda
4/20/2020 11:41:47 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.823 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion:131 Resp: 36784
Ion Ratio Lower Upper
131 100
133 95.7 46.5 139.3
119 71.2 34.5 103.6





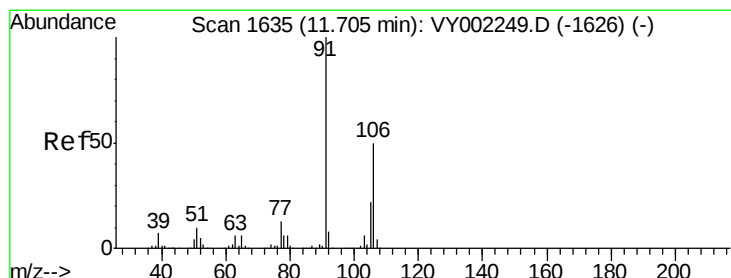
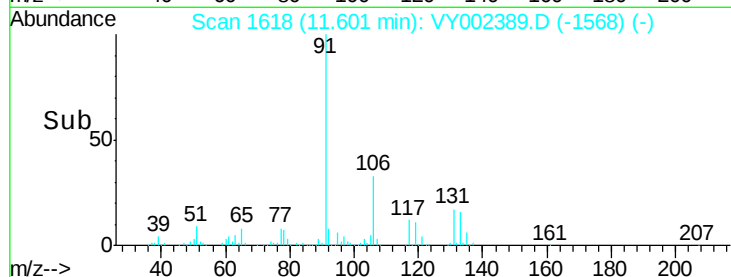
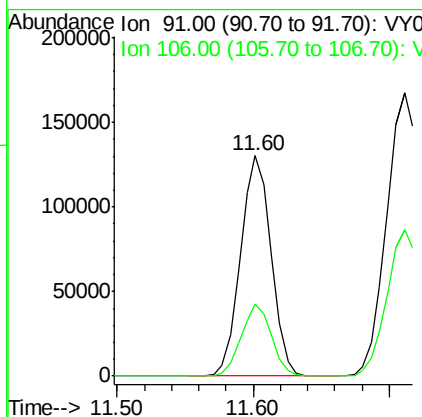
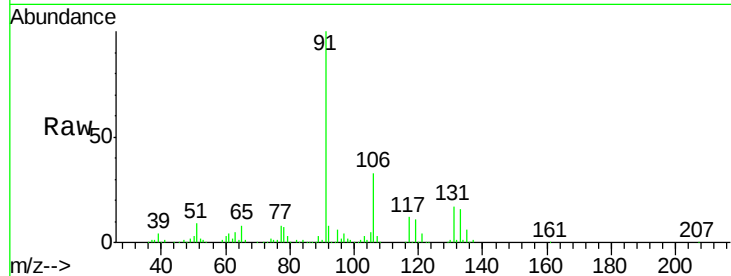
#67
Ethyl Benzene
Concen: 20.802 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion: 91 Resp: 203757
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.0

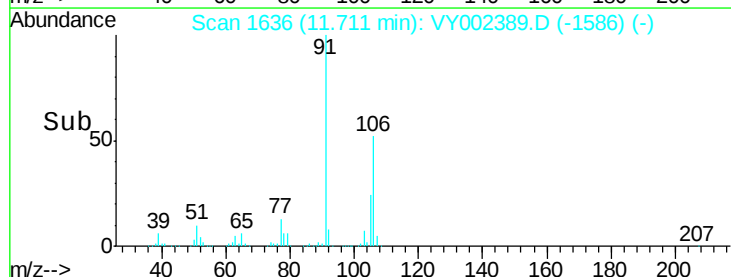
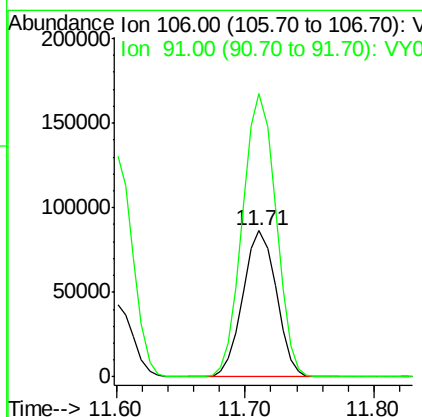
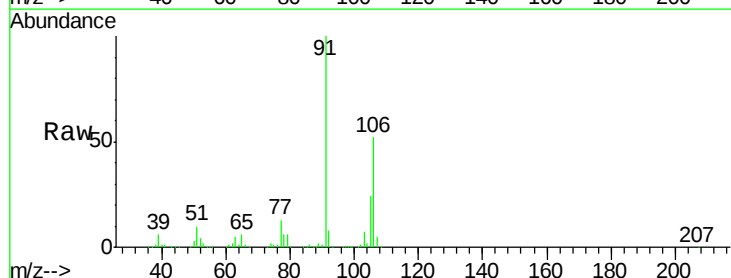
Manual Integrations
APPROVED

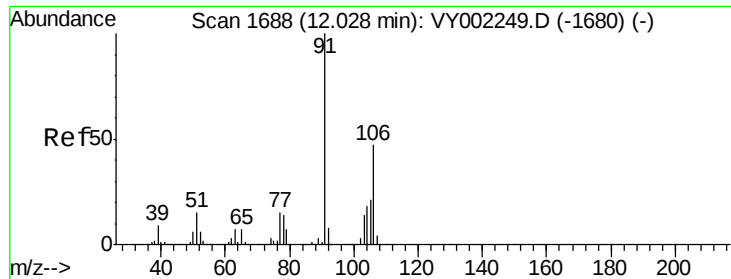
MMDadoda
4/20/2020 11:41:47 AM



#68
m/p-Xylenes
Concen: 42.239 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion: 106 Resp: 154963
Ion Ratio Lower Upper
106 100
91 194.1 159.8 239.6





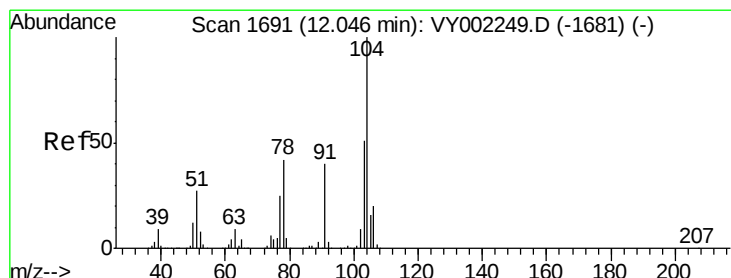
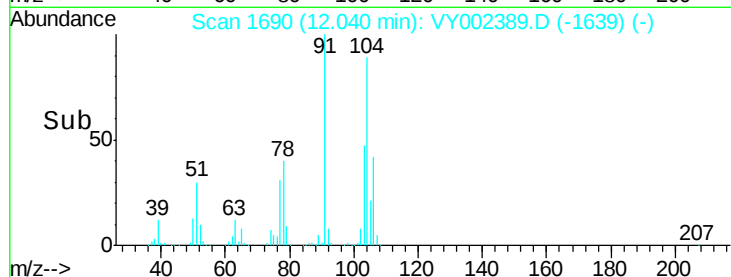
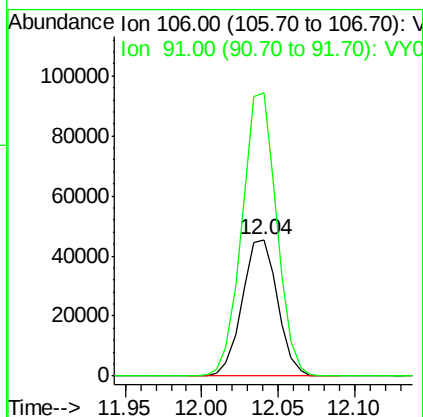
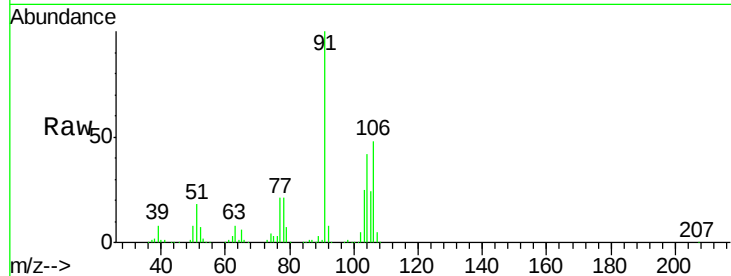
#69
o-Xylene
Concen: 21.191 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion:106 Resp: 72990
Ion Ratio Lower Upper
106 100
91 203.3 105.8 317.3

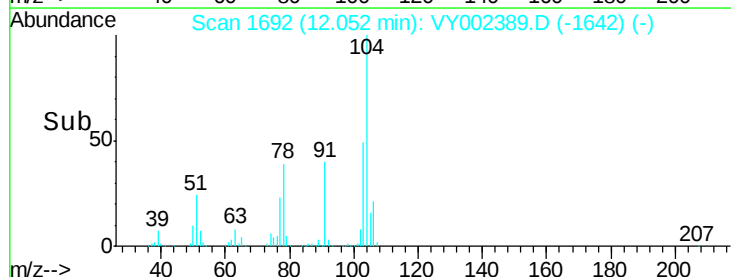
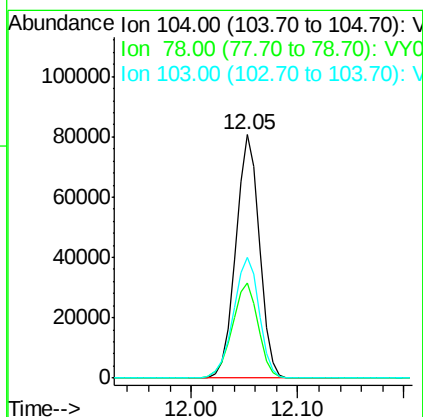
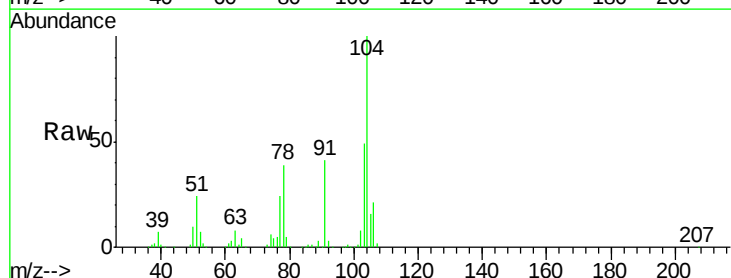
Manual Integrations
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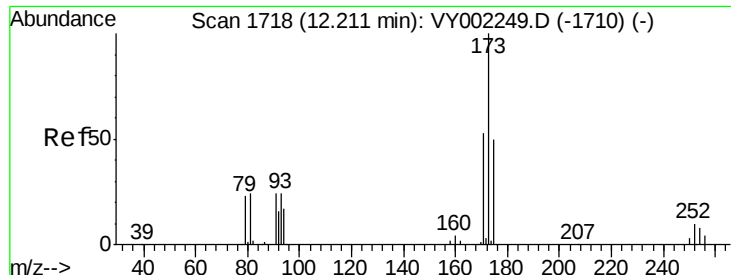
MMDadoda
4/20/2020 11:41:47 AM



#70
Styrene
Concen: 21.111 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion:104 Resp: 126152
Ion Ratio Lower Upper
104 100
78 43.0 37.2 55.8
103 54.0 43.4 65.0





#71

Bromoform

Concen: 21.366 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

Tot Ion:173 Resp: 20526

Ion Ratio Lower Upper

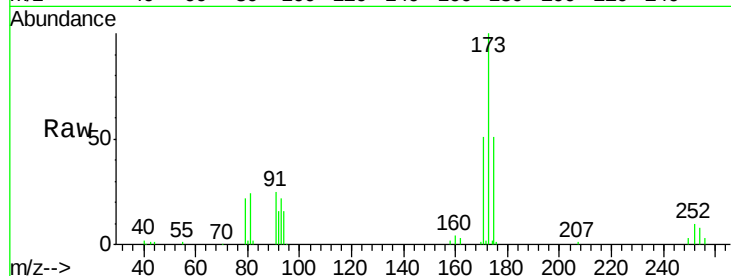
173 100

175 49.7 24.1 72.3

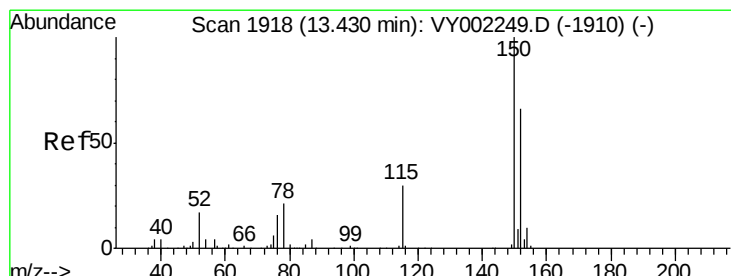
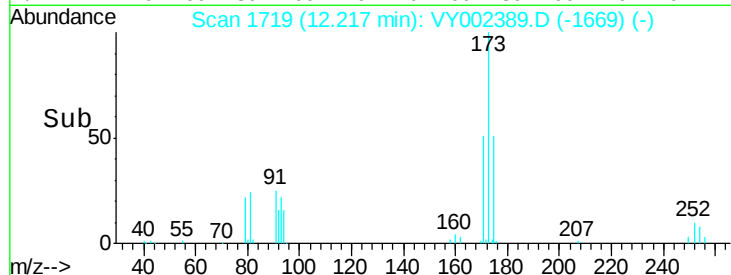
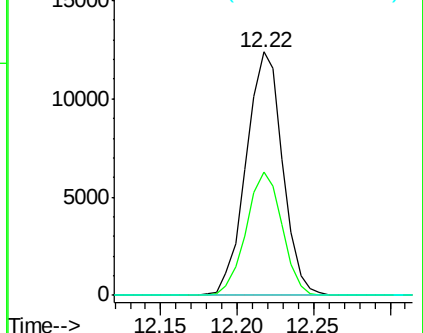
254 0.0 0.0 0.0

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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: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

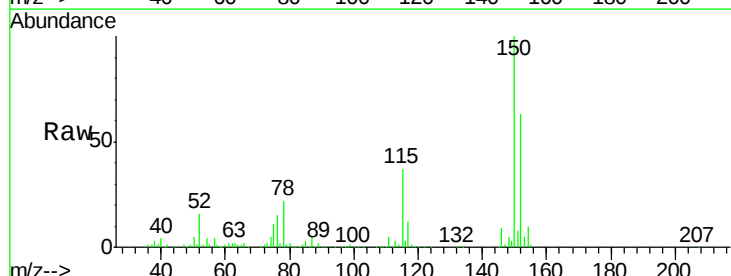
Tgt Ion:152 Resp: 116923

Ion Ratio Lower Upper

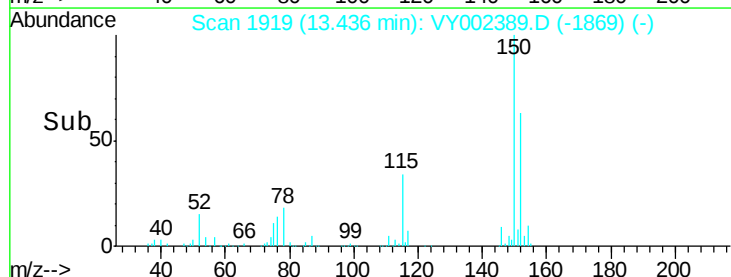
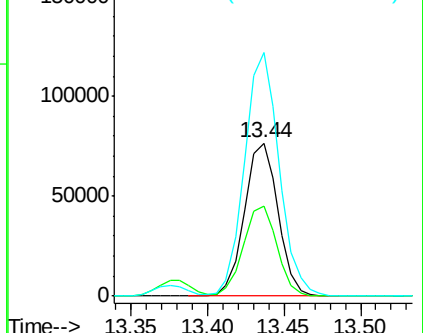
152 100

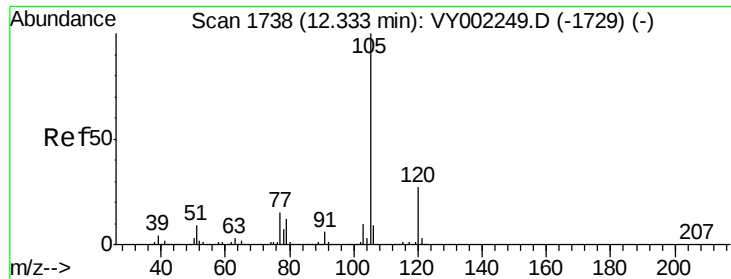
115 58.6 30.7 92.1

150 163.9 0.0 350.6



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





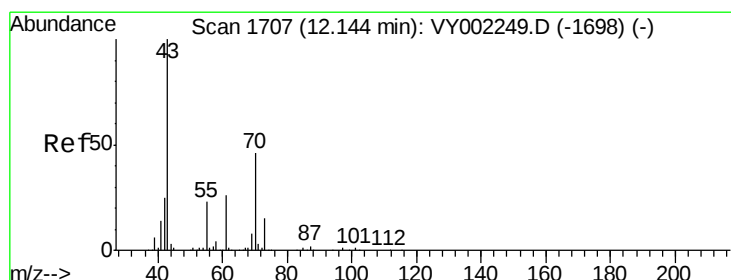
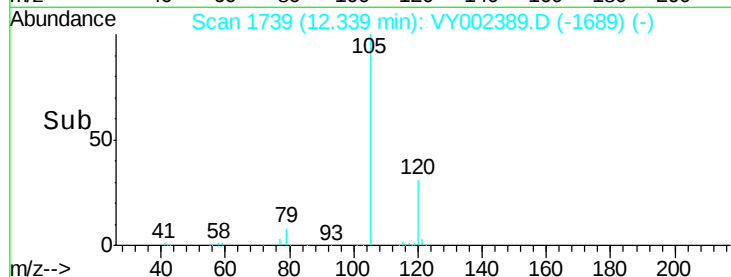
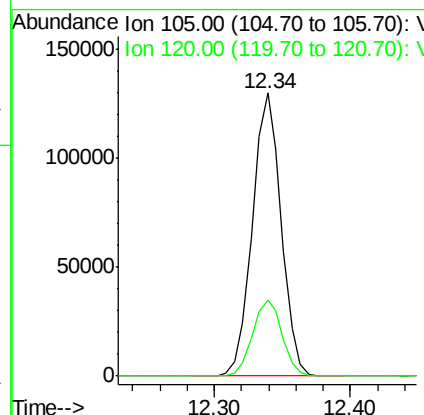
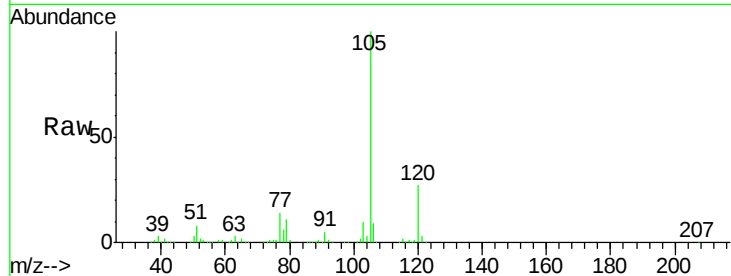
#73
Isopropylbenzene
Concen: 20.918 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	192148		
120	27.5	13.3	39.8	

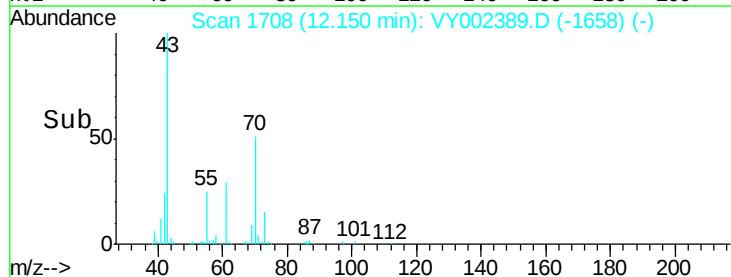
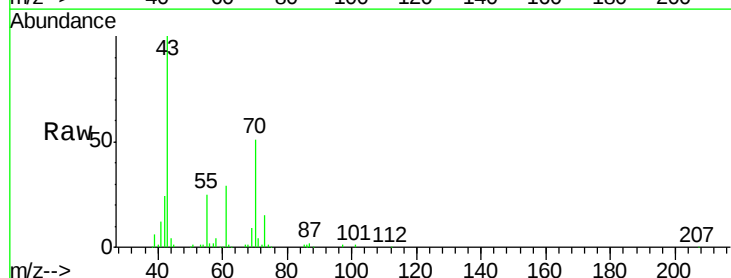
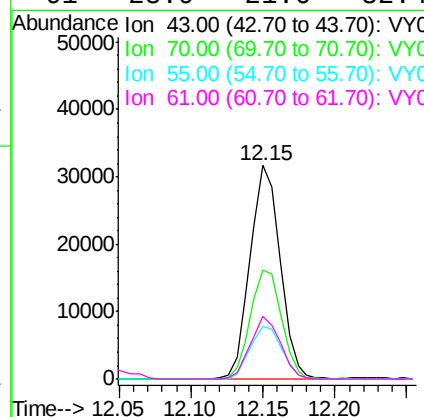
Manual Integrations
APPROVED

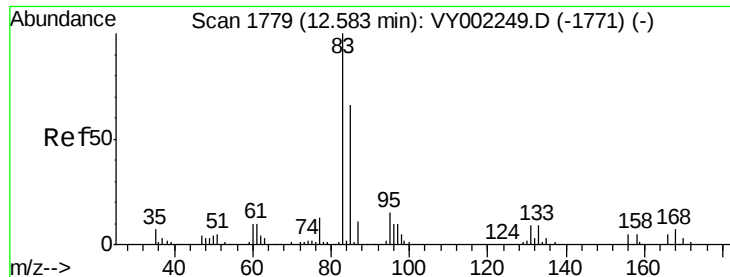
MMDadoda
4/20/2020 11:41:47 AM



#74
N-ethyl acetate
Concen: 17.547 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	45752		
70	52.8	37.5	56.3	
55	26.2	19.0	28.6	
61	28.9	21.6	32.4	





#75

1,1,2,2-Tetrachloroethane

Concen: 21.954 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Instrument :

MSVOA_Y

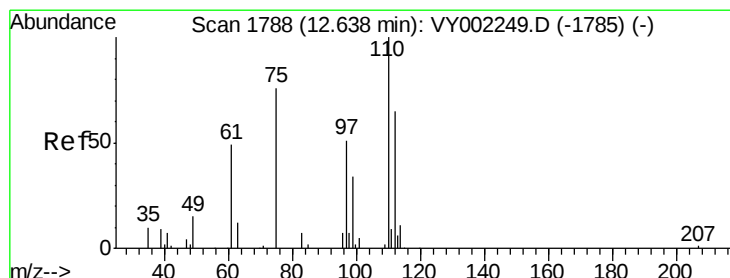
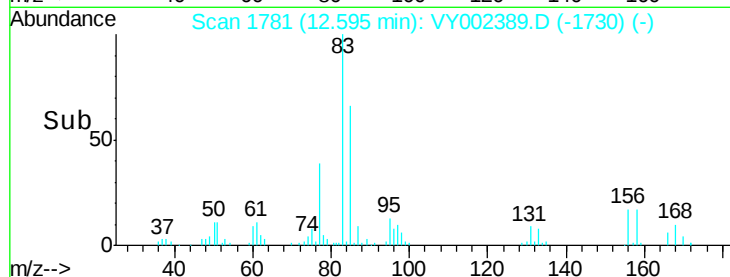
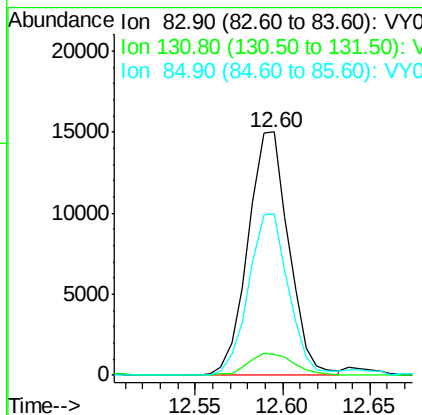
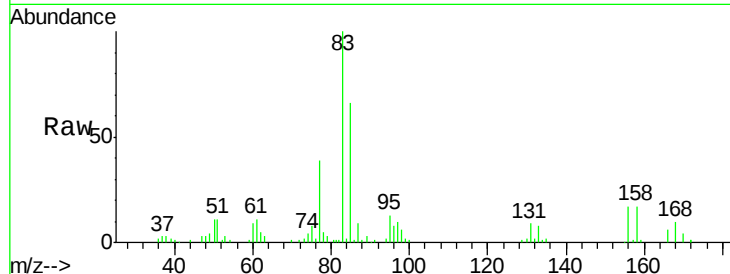
ClientSampleId :

VY0417SBS01

Tot Ion:	83	Resp:	24398
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.9	14.7
85	64.8	32.6	97.8

Manual Integrations
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MMDadoda
4/20/2020 11:41:47 AM



#76

1,2,3-Trichloropropane

Concen: 18.257 ug/l m

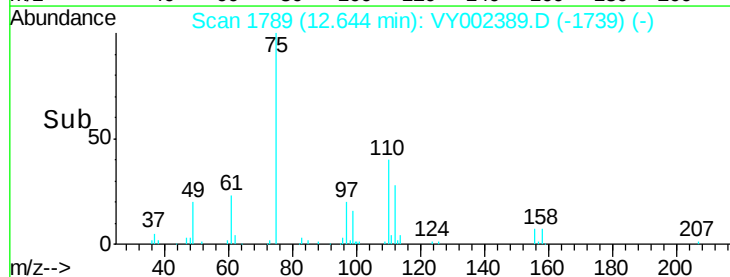
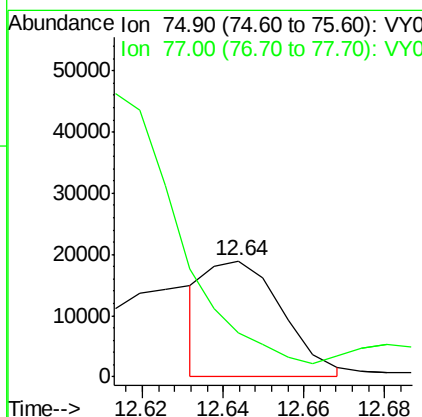
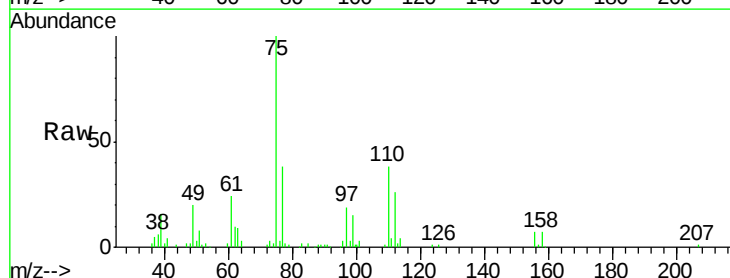
RT: 12.64 min Scan# 1789

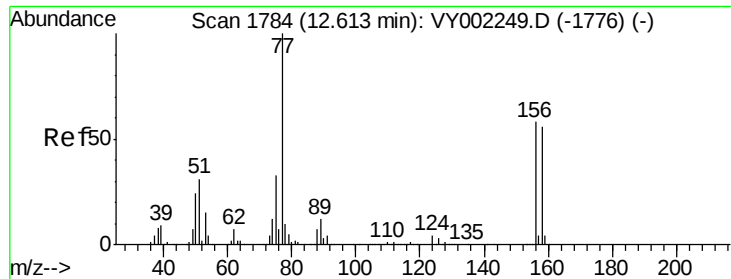
Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Tgt Ion:	75	Resp:	24788
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.440 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

Tot Ion:156 Resp: 43329

Ion Ratio Lower Upper

156 100

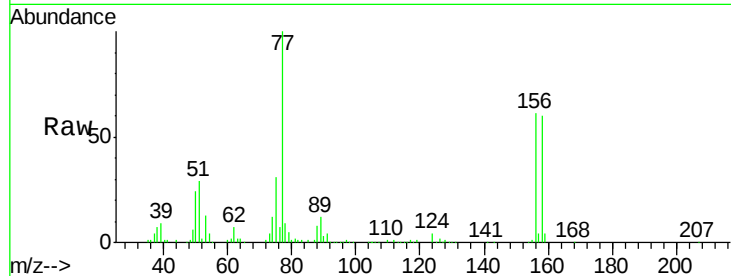
77 188.1 101.3 303.9

158 96.1 48.3 144.8

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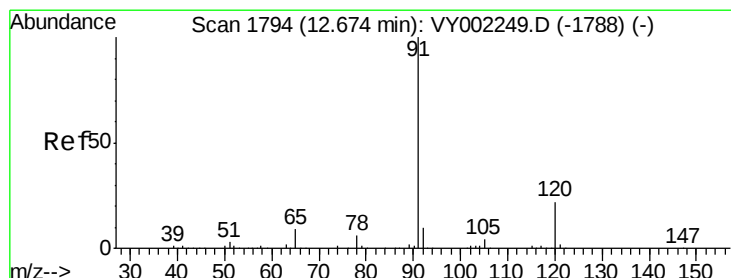
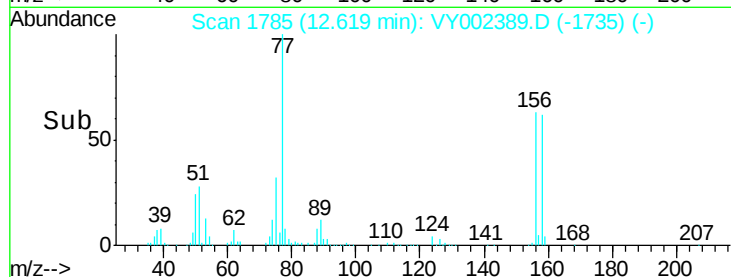
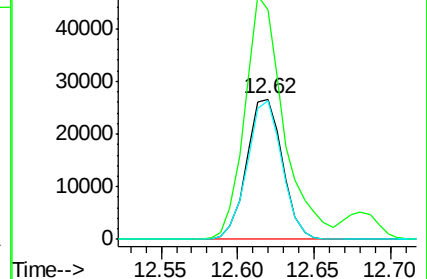
4/20/2020 11:41:47 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.633 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY002389.D

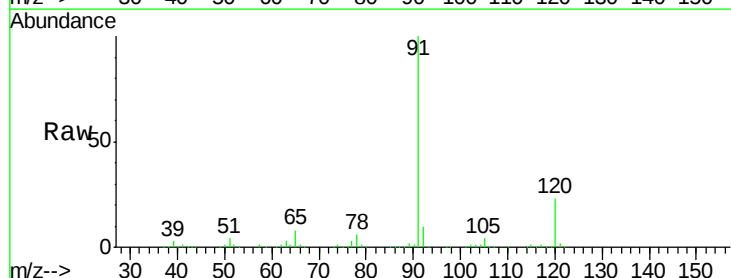
Acq: 17 Apr 2020 11:31

Tgt Ion: 91 Resp: 235719

Ion Ratio Lower Upper

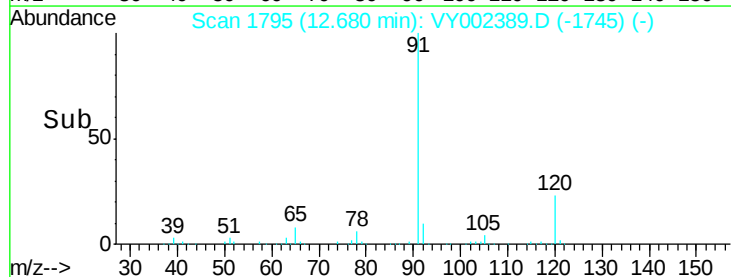
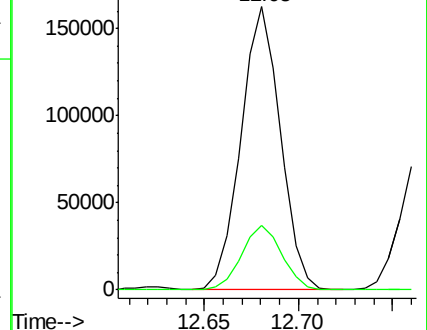
91 100

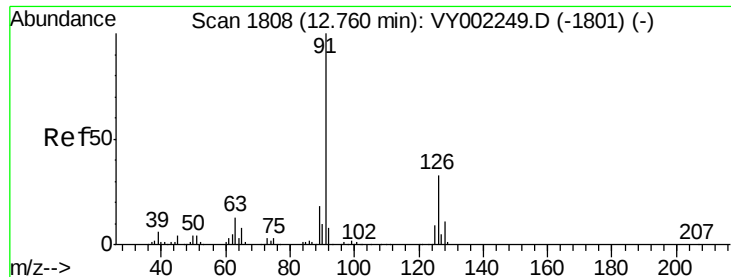
120 23.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.298 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

Tot Ion: 91 Resp: 126017

Ion Ratio Lower Upper

91 100

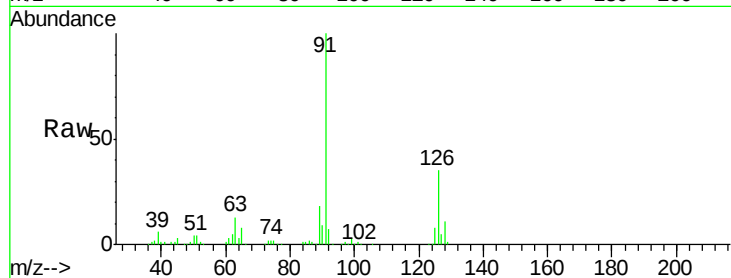
126 35.6 16.9 50.7

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Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY002249.D (-1801) (-)

150000

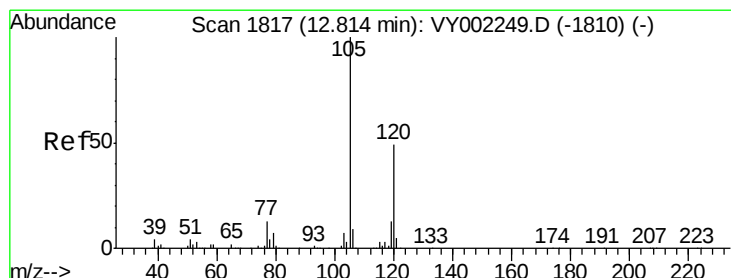
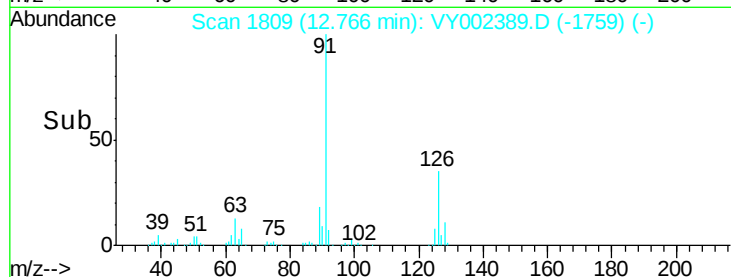
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.750 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY002389.D

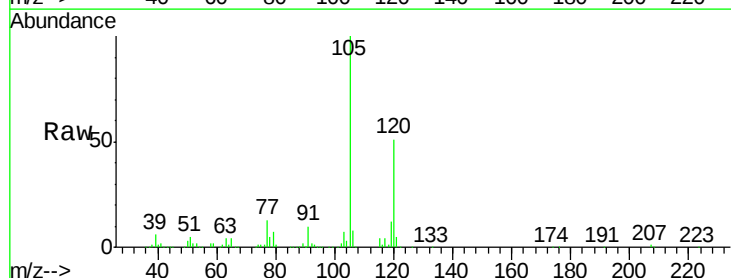
Acq: 17 Apr 2020 11:31

Tgt Ion: 105 Resp: 157630

Ion Ratio Lower Upper

105 100

120 50.4 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VY002249.D (-1810) (-)

Ion 120.00 (119.70 to 120.70): VY002249.D (-1810) (-)

120000

100000

80000

60000

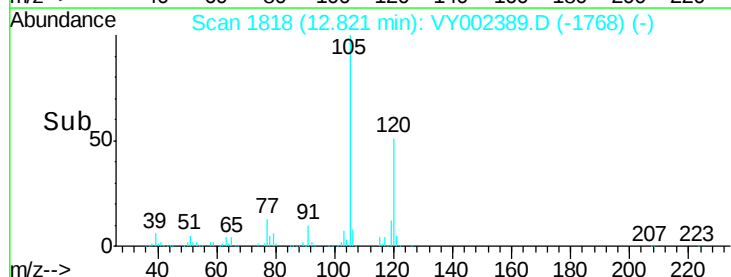
40000

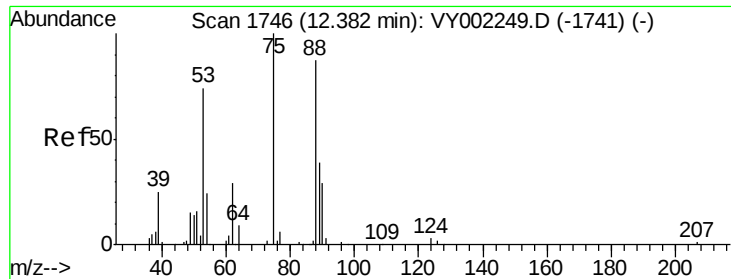
20000

0

12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.740 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Instrument :

MSVOA_Y

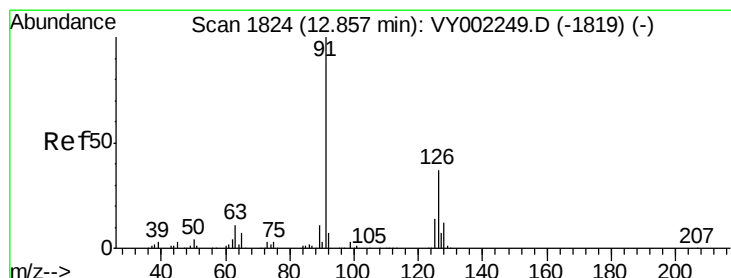
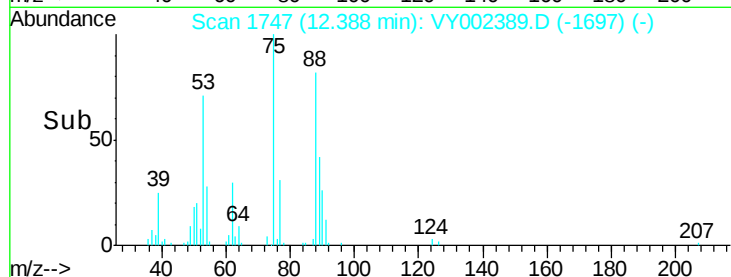
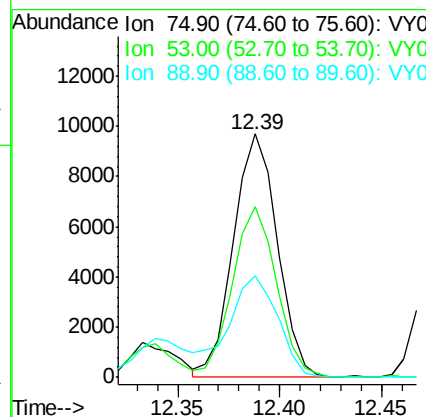
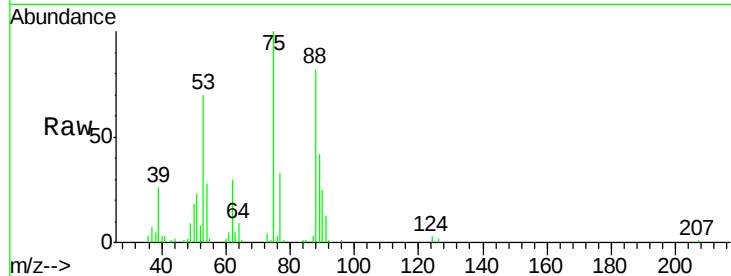
ClientSampleId :

VY0417SBS01

Tot Ion:	75	Resp:	14478
Ion	Ratio	Lower	Upper
75	100		
53	70.6	59.8	89.8
89	47.3	37.0	55.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.170 ug/l

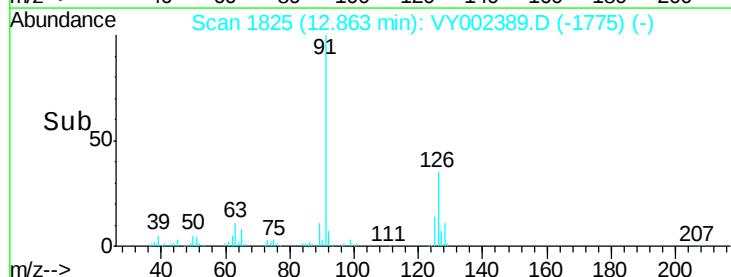
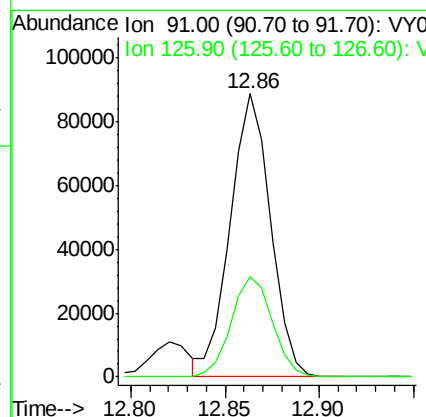
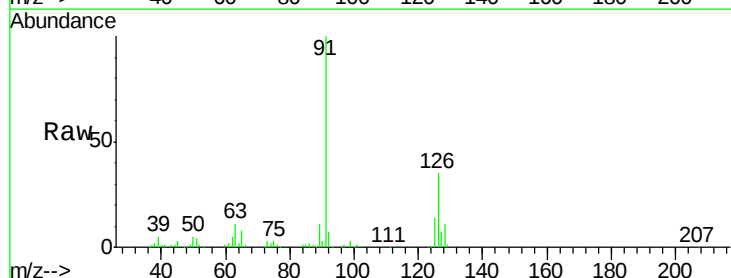
RT: 12.86 min Scan# 1825

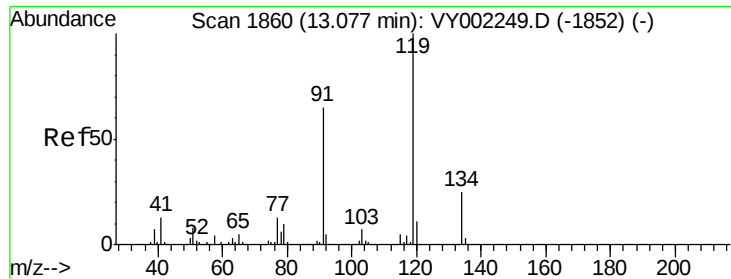
Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Tgt Ion:	91	Resp:	131247
Ion	Ratio	Lower	Upper
91	100		
126	36.1	16.9	50.7





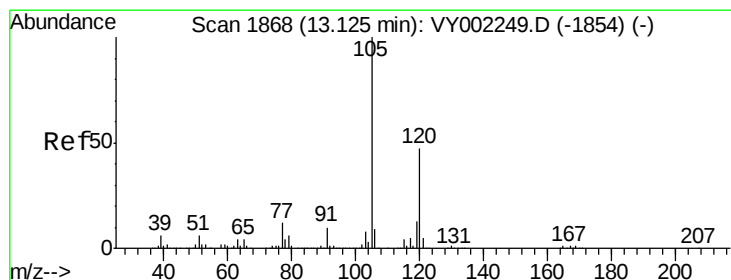
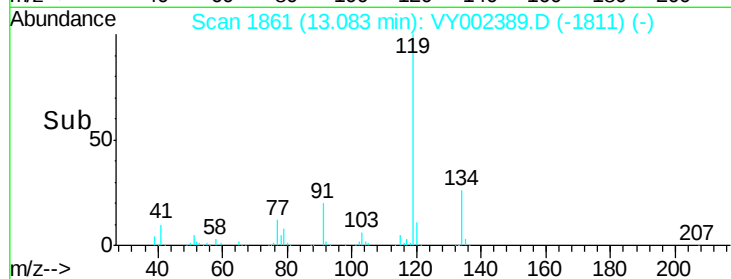
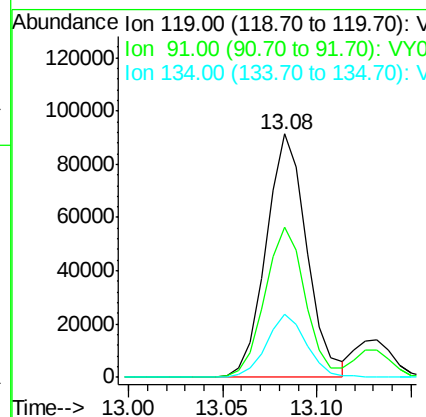
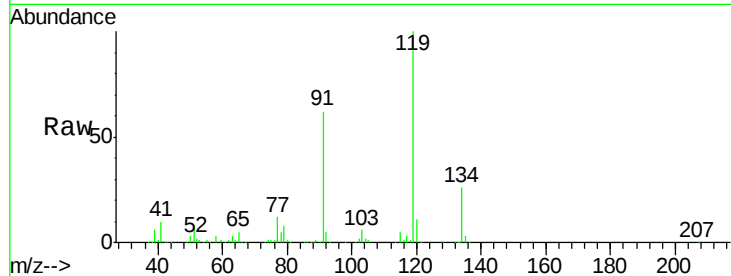
#83
 tert-Butylbenzene
 Concen: 21.488 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002389.D
 Acq: 17 Apr 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.7	32.4	97.0
134	25.6	12.6	37.6

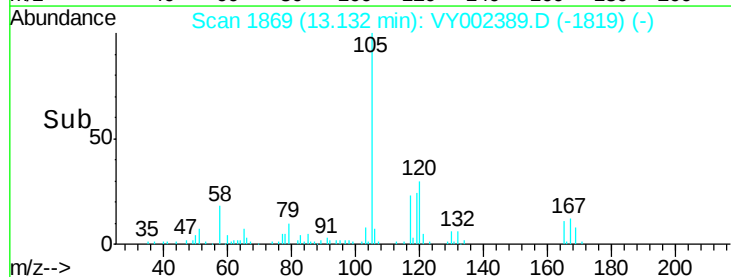
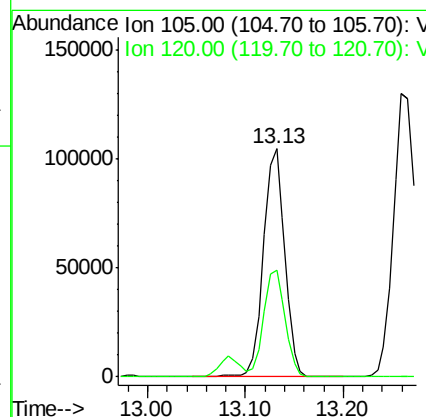
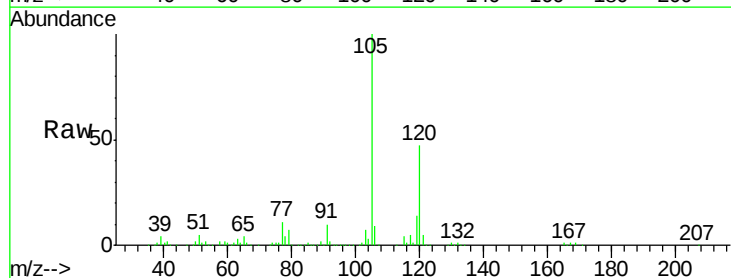
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.773 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002389.D
 Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.1	69.2





#85

sec-Butylbenzene

Concen: 21.107 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0417SBS01

Tot Ion:105 Resp: 200073

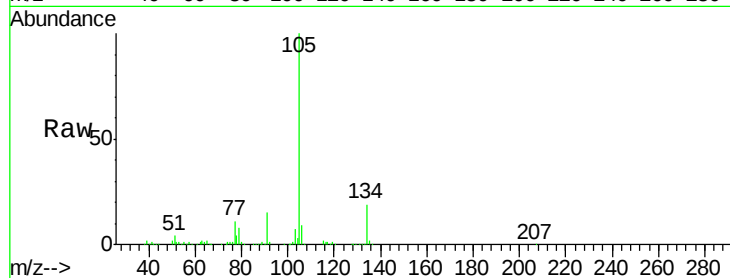
Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

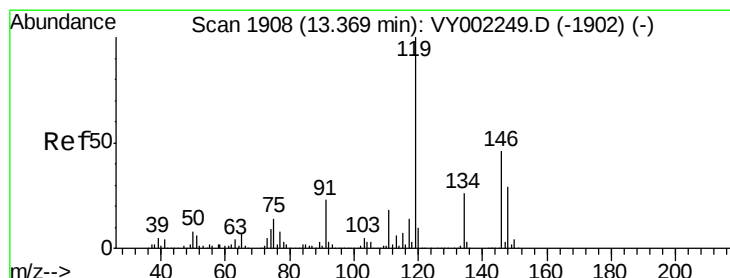
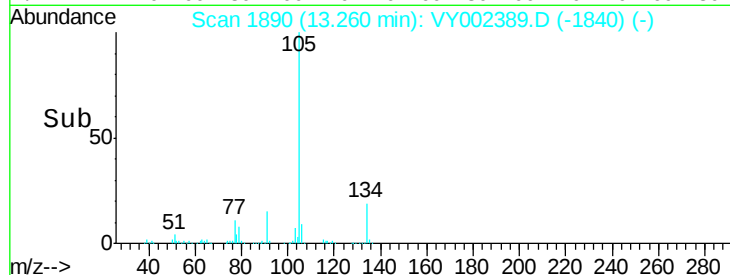
100000

50000

0

13.20 13.26 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.031 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002389.D

Acq: 17 Apr 2020 11:31

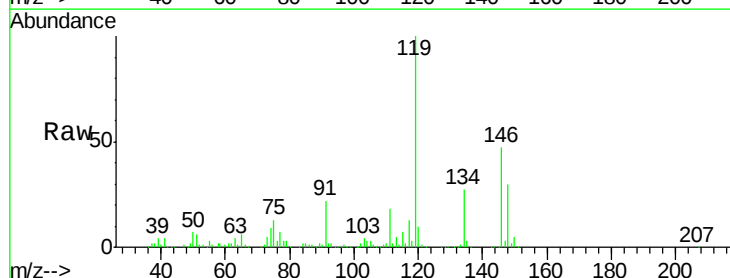
Tgt Ion:119 Resp: 171583

Ion Ratio Lower Upper

119 100

134 27.3 13.3 39.9

91 21.8 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

150000

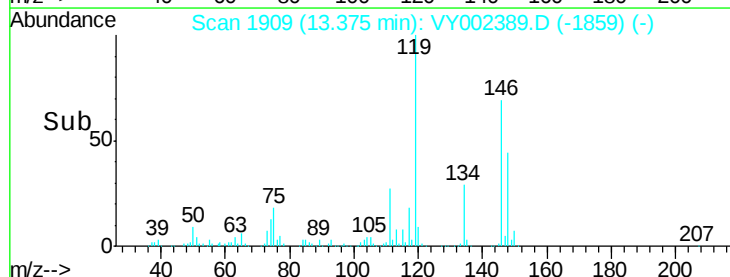
100000

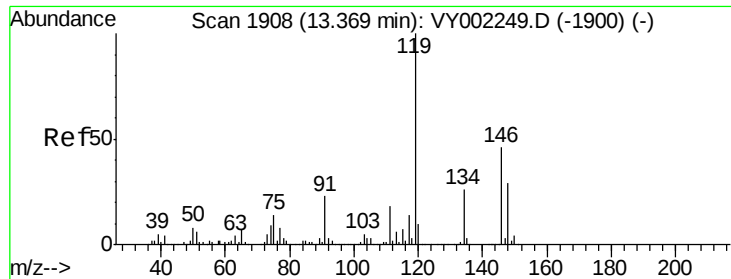
50000

0

13.30 13.35 13.40 13.45

Time-->





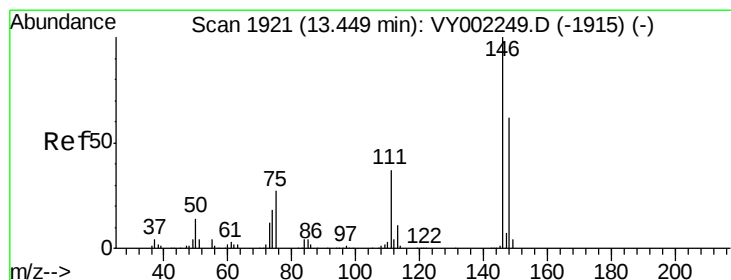
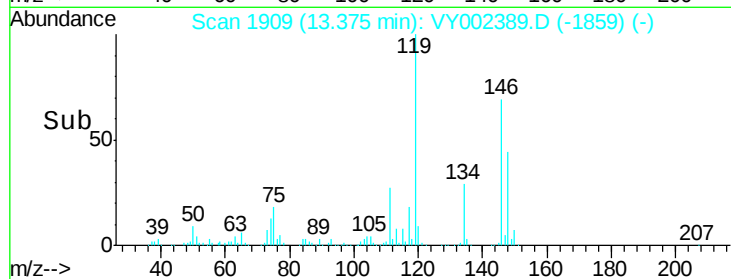
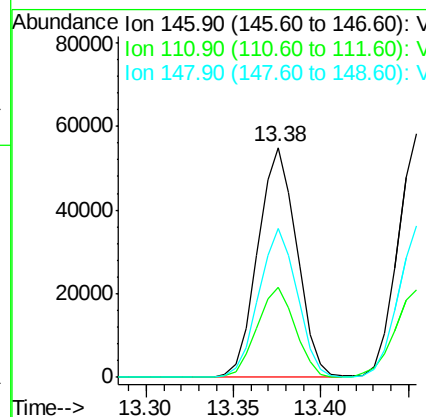
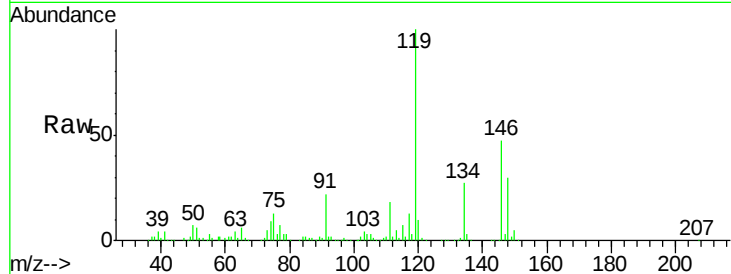
#87
 1,3-Dichlorobenzene
 Concen: 21.653 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002389.D
 Acq: 17 Apr 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.3	60.8
148	63.7	32.1	96.3

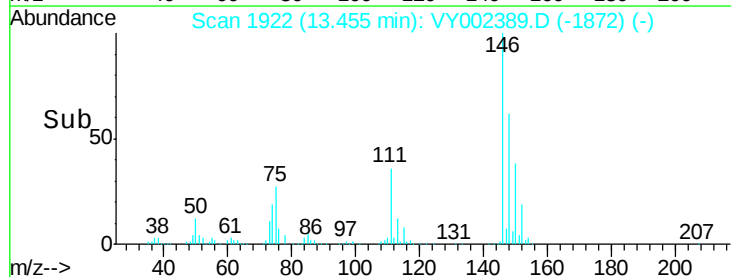
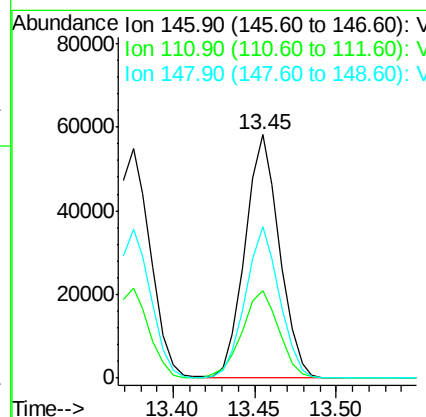
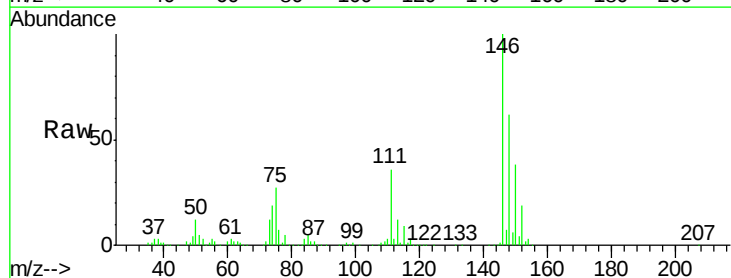
Manual Integrations
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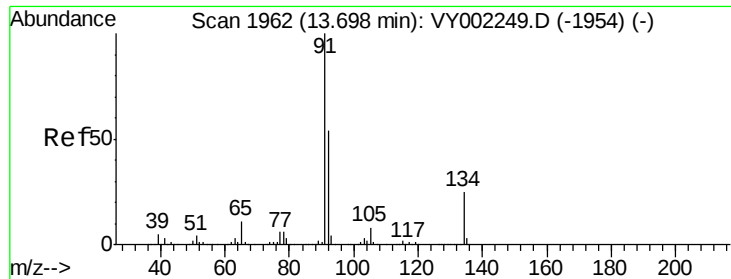
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#88
 1,4-Dichlorobenzene
 Concen: 21.588 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY002389.D
 Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.6	58.8
148	62.0	32.0	96.0





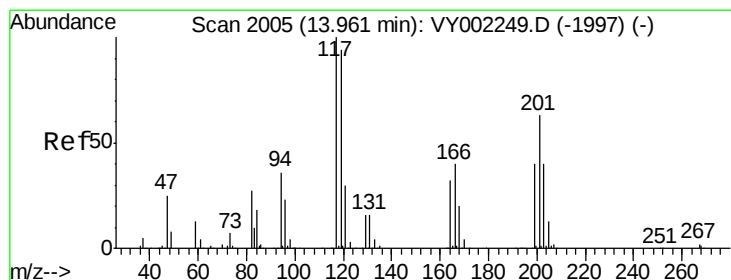
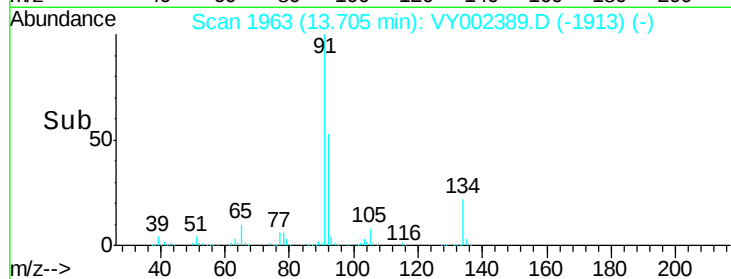
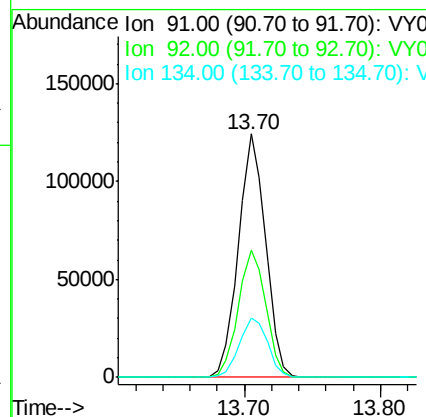
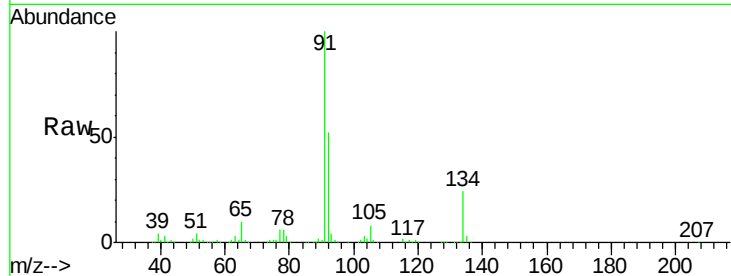
#89
n-Butylbenzene
Concen: 20.673 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	172879		
92	53.1		27.2	81.6
134	25.4		12.7	38.0

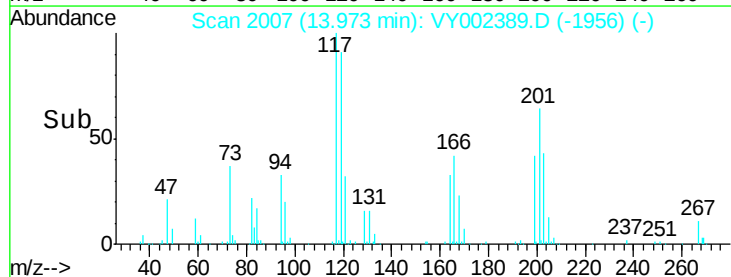
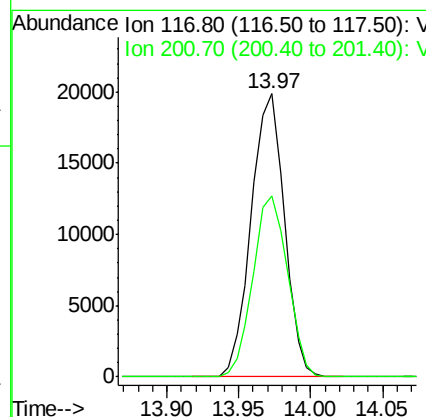
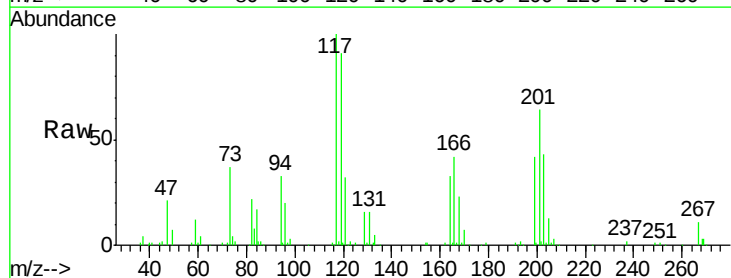
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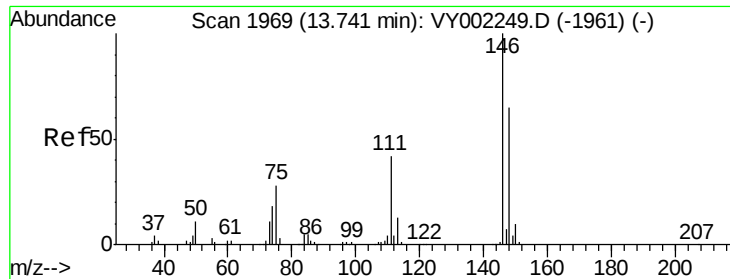
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#90
Hexachloroethane
Concen: 20.414 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	31737		
201	66.5		33.1	99.2





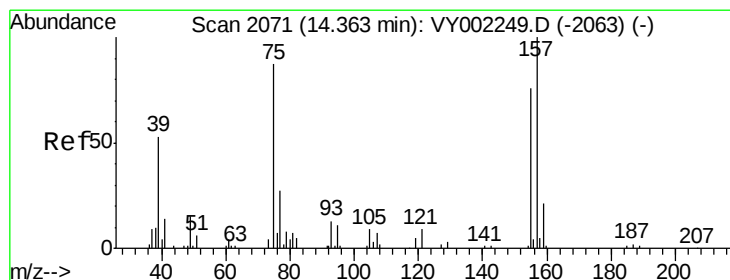
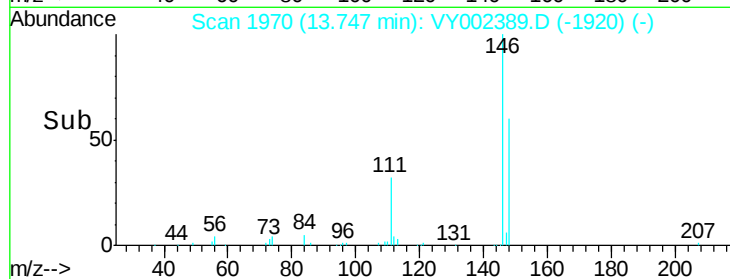
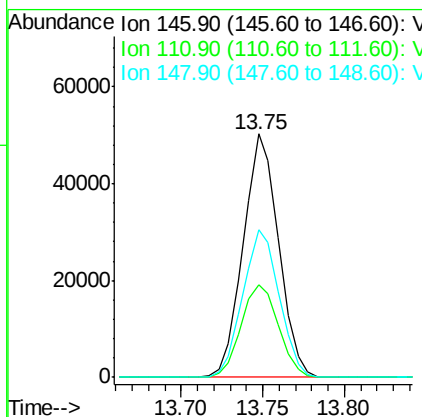
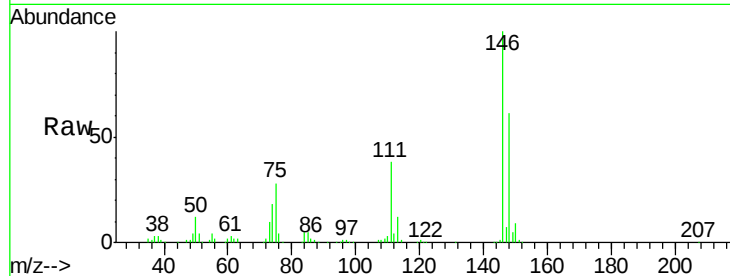
#91
 1,2-Dichlorobenzene
 Concen: 21.369 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY002389.D
 Acq: 17 Apr 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	21.1	63.1
148	62.6	31.9	95.9

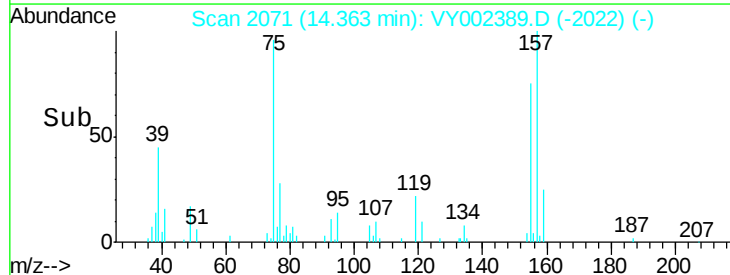
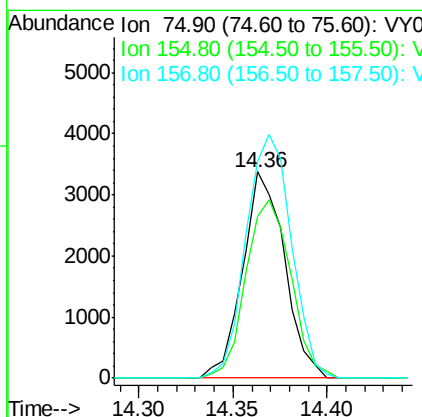
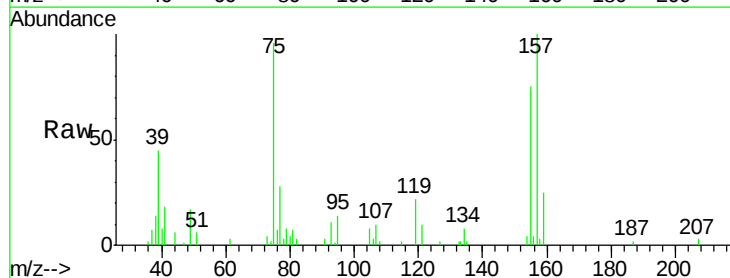
Manual Integrations
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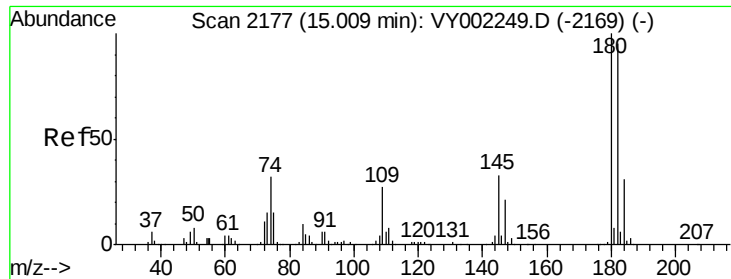
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.369 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002389.D
 Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.4	43.6	130.8
157	127.7	56.0	168.2





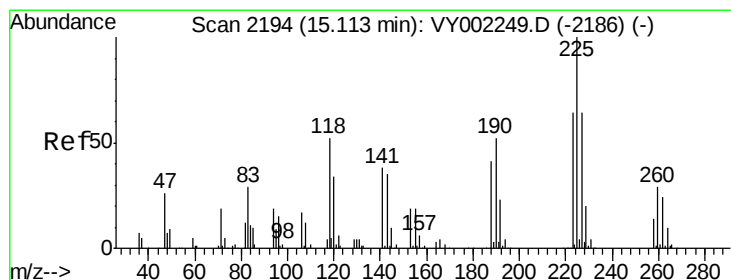
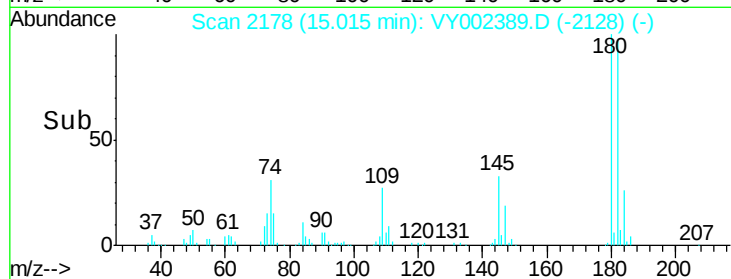
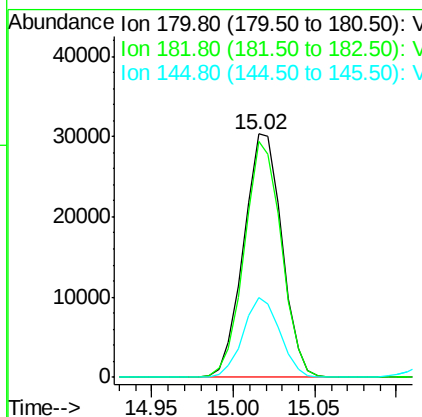
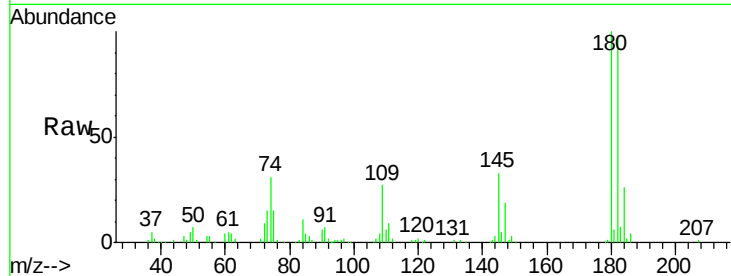
#93
 1,2,4-Trichlorobenzene
 Concen: 21.253 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002389.D
 Acq: 17 Apr 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.9	143.7
145	31.6	16.0	48.0

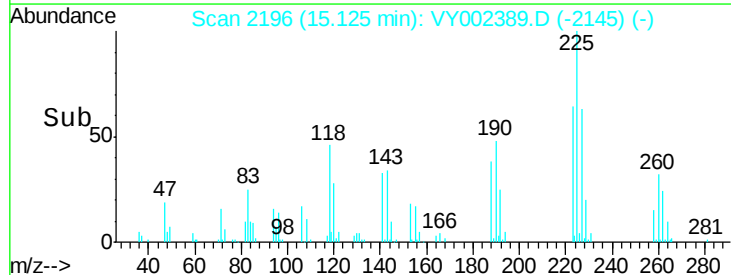
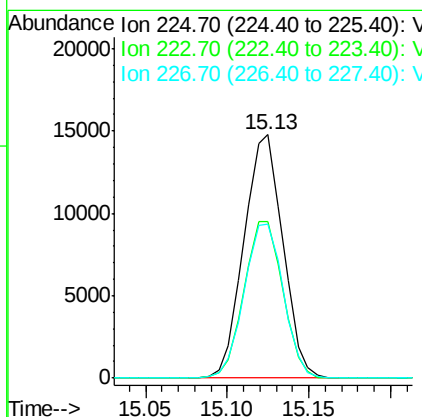
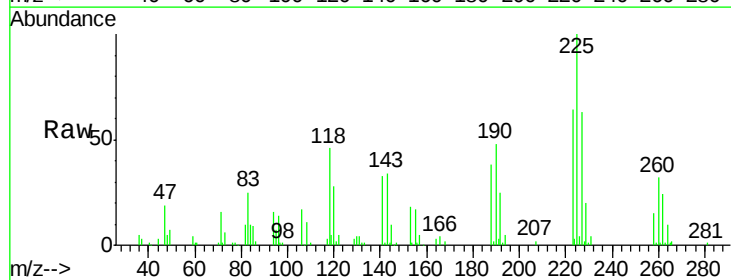
Manual Integrations
 APPROVED

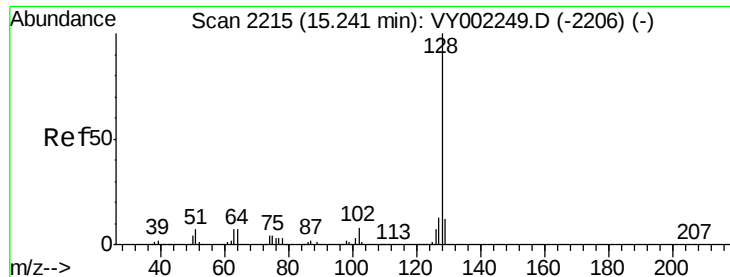
MMDadoda
 4/20/2020 11:41:47 AM



#94
 Hexachlorobutadiene
 Concen: 20.952 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002389.D
 Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.0	93.0
227	63.7	31.3	93.9





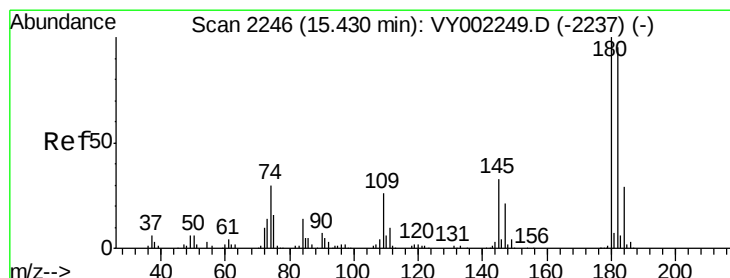
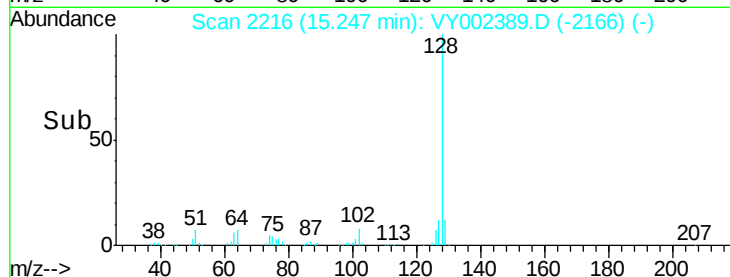
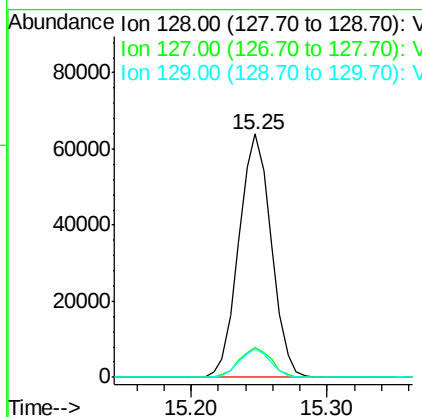
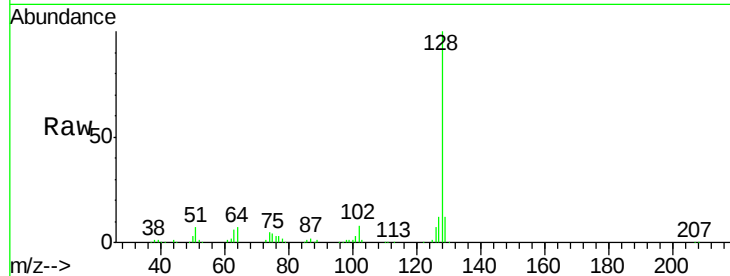
#95
Naphthalene
Concen: 20.884 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0417SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	106366		
127	12.2		10.1	15.1
129	11.1		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/20/2020 11:41:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.016 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002389.D
Acq: 17 Apr 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	42449		
182	95.0		47.1	141.3
145	33.2		16.7	50.1

