

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
 Data File : VY000796.D
 Acq On : 26 Nov 2019 12:21
 Operator : SY/MD
 Sample : VY1126SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Manual Integrations
 APPROVED

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 11/27/2019 5:14:31 PM

Quant Time: Nov 26 12:51:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	307287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	533170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	466262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	220696	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	152032	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	7.72	113	147612	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
50) Toluene-d8	10.18	98	609061	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.48	95	211275	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	52470	17.346	ug/l	98
3) Chloromethane	2.11	50	75334	18.079	ug/l	99
4) Vinyl Chloride	2.25	62	70028	18.097	ug/l	96
5) Bromomethane	2.64	94	47352	20.406	ug/l	91
6) Chloroethane	2.79	64	47237	19.505	ug/l	97
7) Trichlorofluoromethane	3.12	101	104631	20.022	ug/l	97
8) Diethyl Ether	3.54	74	38939	20.971	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	67456	21.351	ug/l	94
10) Methyl Iodide	4.09	142	77762	20.702	ug/l	99
11) Tert butyl alcohol	4.96	59	30527	98.616	ug/l #	83
12) 1,1-Dichloroethene	3.88	96	67127	21.869	ug/l	95
13) Acrolein	3.74	56	18276	67.779	ug/l	99
14) Allyl chloride	4.48	41	114093	22.859	ug/l	93
15) Acrylonitrile	5.17	53	101448	106.652	ug/l	100
16) Acetone	3.96	43	69527	79.328	ug/l #	88
17) Carbon Disulfide	4.19	76	195090	20.152	ug/l	100
18) Methyl Acetate	4.48	43	53407	19.598	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	174857	20.489	ug/l	96
20) Methylene Chloride	4.72	84	78673	20.949	ug/l	91
21) trans-1,2-Dichloroethene	5.22	96	74912	21.588	ug/l	96
22) Diisopropyl ether	6.13	45	240712	22.189	ug/l	91
23) Vinyl Acetate	6.07	43	709929	103.668	ug/l	96
24) 1,1-Dichloroethane	6.02	63	130803	22.257	ug/l	99
25) 2-Butanone	7.00	43	125665	89.840	ug/l	93
26) 2,2-Dichloropropane	6.99	77	112764	20.996	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	85050	22.414	ug/l	98
28) Bromochloromethane	7.34	49	32751	15.312	ug/l	94
29) Tetrahydrofuran	7.35	42	81919	95.732	ug/l	98
30) Chloroform	7.51	83	132072	22.215	ug/l	94
31) Cyclohexane	7.79	56	132612	21.544	ug/l #	95
32) 1,1,1-Trichloroethane	7.71	97	107830	20.351	ug/l	98
36) 1,1-Dichloropropene	7.92	75	104016	20.637	ug/l	99
37) Ethyl Acetate	7.08	43	55344	18.495	ug/l	96
38) Carbon Tetrachloride	7.91	117	93046	19.185	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	136303	20.932	ug/l	99
40) Benzene	8.16	78	306798	20.762	ug/l	99
41) Methacrylonitrile	7.33	41	30839m	18.473	ug/l	
42) 1,2-Dichloroethane	8.24	62	78809	18.804	ug/l	97
43) Isopropyl Acetate	8.28	43	107109	19.054	ug/l	98
44) Trichloroethene	8.94	130	79352	20.367	ug/l	99
45) 1,2-Dichloropropane	9.22	63	77755	21.379	ug/l	100
46) Dibromomethane	9.31	93	39684	19.840	ug/l	96
47) Bromodichloromethane	9.50	83	96075	20.243	ug/l	96
48) Methyl methacrylate	9.30	41	48162	19.609	ug/l	93
49) 1,4-Dioxane	9.30	88	10785	400.643	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	271856	90.960	ug/l	96
52) Toluene	10.24	92	193910	20.756	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	103842	20.477	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	123256	21.217	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	58084	20.077	ug/l	97
56) Ethyl methacrylate	10.51	69	80020	19.515	ug/l	96
57) 1,3-Dichloropropane	10.79	76	100252	19.799	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.78	63	189533	102.245	ug/l	98
59) 2-Hexanone	10.83	43	189490	87.019	ug/l	95
60) Dibromochloromethane	10.98	129	62829	18.960	ug/l	98
61) 1,2-Dibromoethane	11.08	107	54764	19.688	ug/l	99
64) Tetrachloroethene	10.72	164	84551	21.930	ug/l	98
65) Chlorobenzene	11.52	112	200865	21.248	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	68957	21.033	ug/l	98
67) Ethyl Benzene	11.59	91	371643	21.361	ug/l	97
68) m/p-Xylenes	11.70	106	277526	41.214	ug/l	94
69) o-Xylene	12.03	106	132443	20.928	ug/l	99
70) Styrene	12.04	104	222161	20.500	ug/l	99
71) Bromoform	12.20	173	36934	19.586	ug/l #	95
73) Isopropylbenzene	12.33	105	356501	21.856	ug/l	99
74) N-amyl acetate	12.14	43	90247	19.319	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	64232	19.888	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	54015m	21.495	ug/l	
77) Bromobenzene	12.61	156	78021	21.093	ug/l	96
78) n-propylbenzene	12.67	91	436653	22.187	ug/l	99
79) 2-Chlorotoluene	12.75	91	239344	21.906	ug/l	95
80) 1,3,5-Trimethylbenzene	12.81	105	298888	22.002	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	24296	21.678	ug/l	94
82) 4-Chlorotoluene	12.85	91	253897	22.418	ug/l	97
83) tert-Butylbenzene	13.07	119	246861	21.283	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	299576	22.149	ug/l	100
85) sec-Butylbenzene	13.25	105	365169	22.097	ug/l	99
86) p-Isopropyltoluene	13.36	119	321969	21.860	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	151823	20.956	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	150597	20.802	ug/l	98
89) n-Butylbenzene	13.69	91	325321	22.395	ug/l	99
90) Hexachloroethane	13.95	117	56765	20.848	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	140621	21.392	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	10673	18.673	ug/l	99

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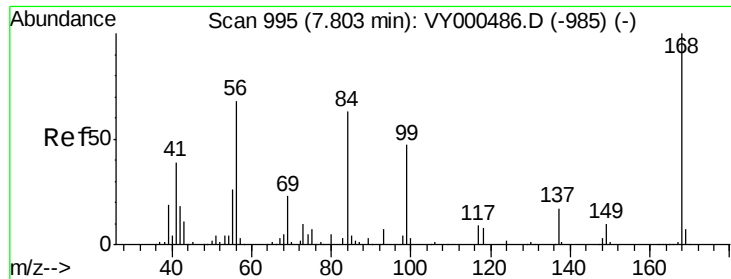
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	92786	20.731	ug/l	100
94) Hexachlorobutadiene	15.11	225	47648	20.652	ug/l	98
95) Naphthalene	15.23	128	205598	20.692	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	83069	20.687	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion:168 Resp: 307287

Ion Ratio Lower Upper

168 100

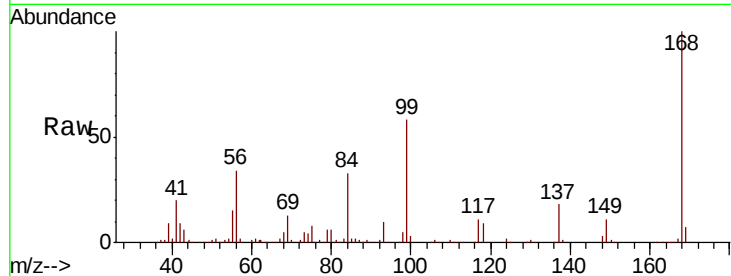
99 58.4 45.7 68.5

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Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

150000

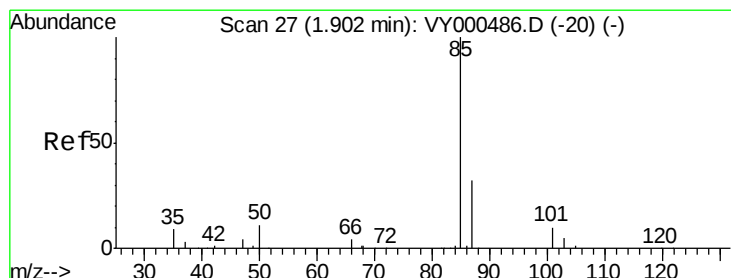
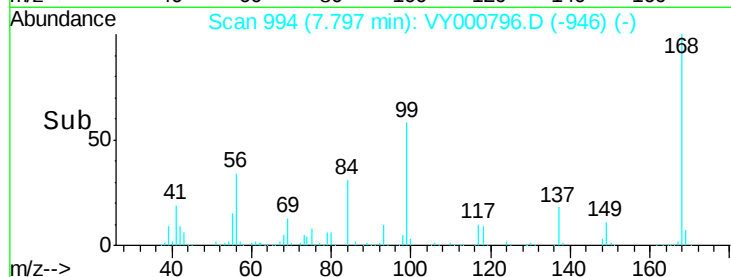
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.346 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000796.D

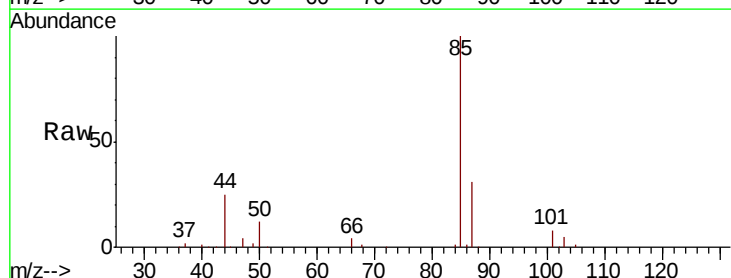
Acq: 26 Nov 2019 12:21

Tgt Ion: 85 Resp: 52470

Ion Ratio Lower Upper

85 100

87 30.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

30000

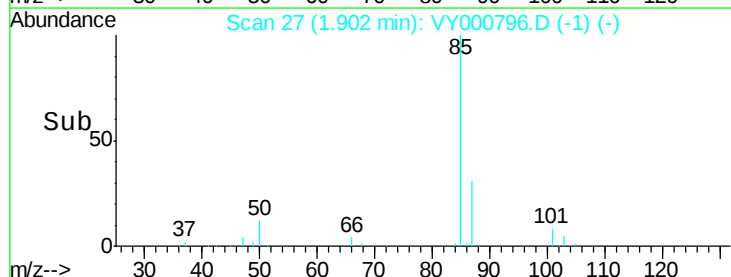
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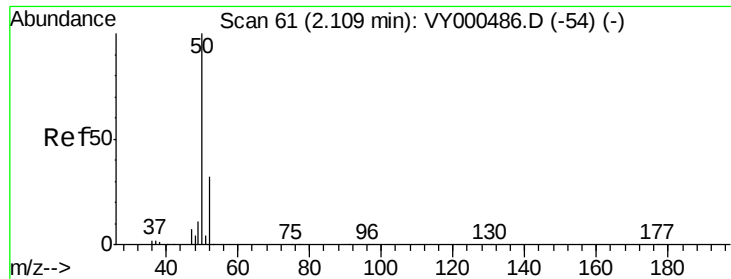
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 18.079 ug/l

RT: 2.11 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion: 50 Resp: 75334

Ion Ratio Lower Upper

50 100

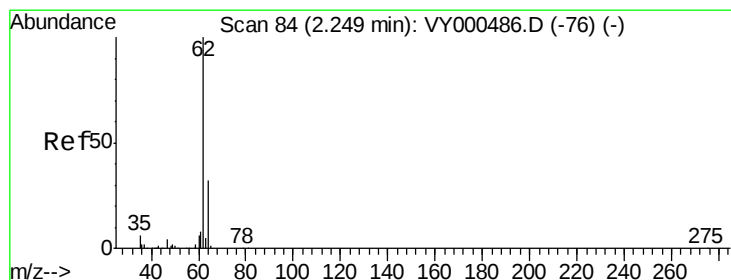
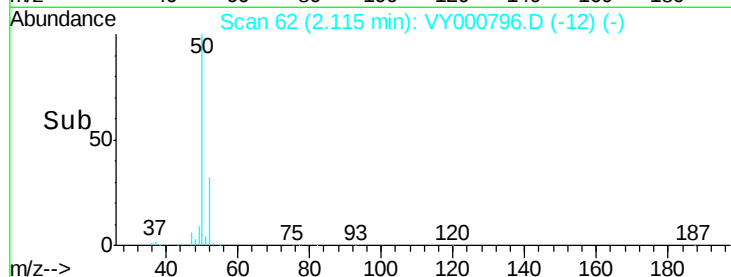
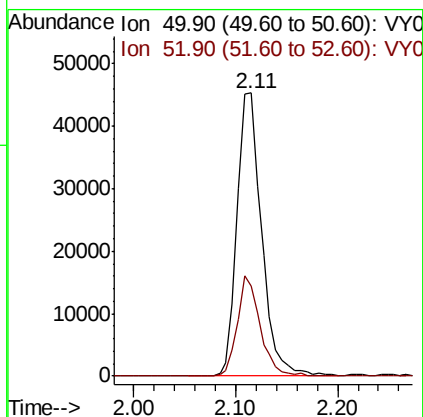
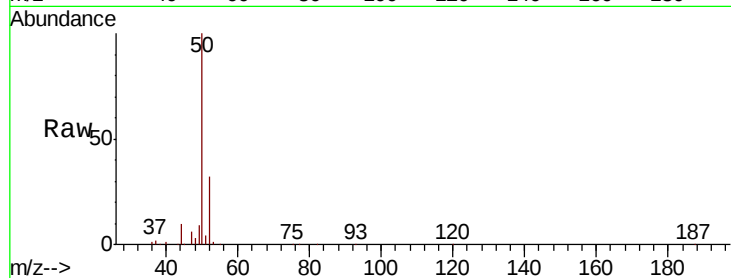
52 31.8 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.097 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000796.D

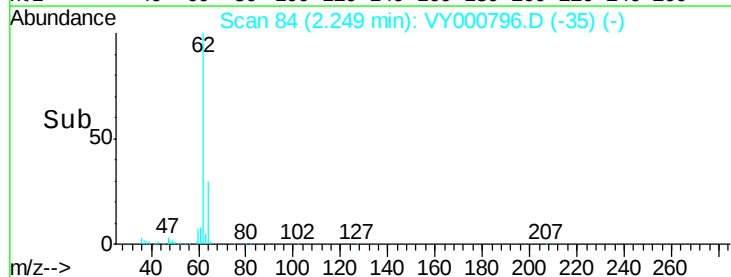
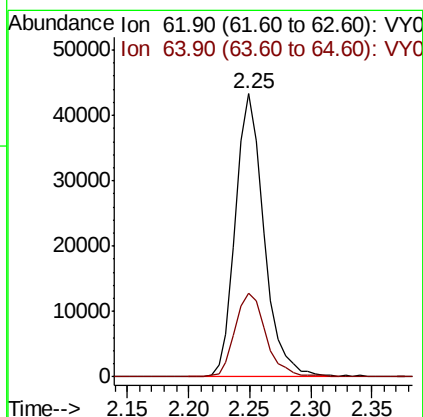
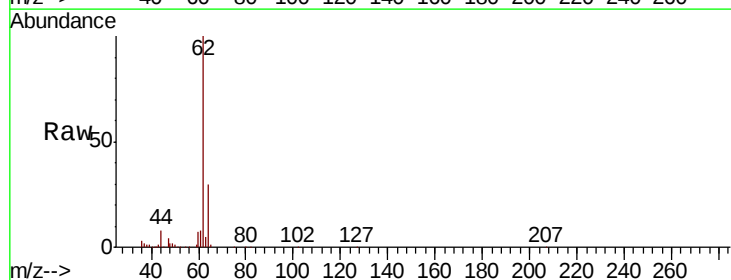
Acq: 26 Nov 2019 12:21

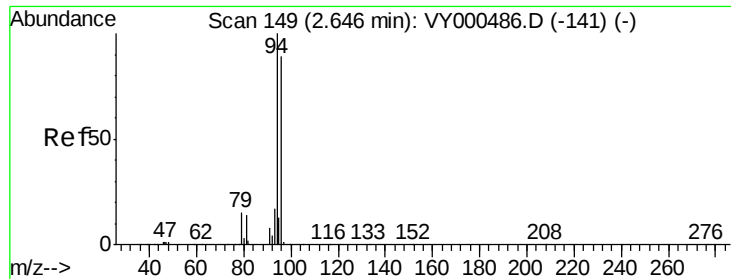
Tgt Ion: 62 Resp: 70028

Ion Ratio Lower Upper

62 100

64 29.5 25.2 37.8





#5

Bromomethane

Concen: 20.406 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion: 94 Resp: 47352

Ion Ratio Lower Upper

94 100

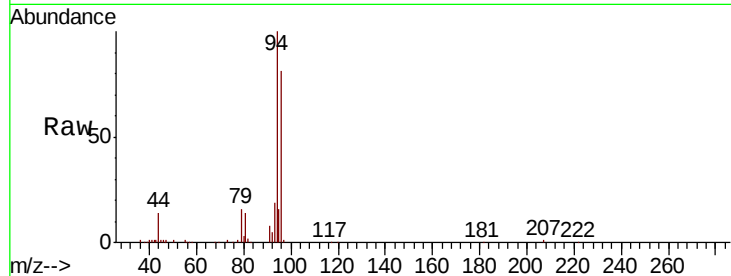
96 80.8 71.2 106.8

Manual Integrations

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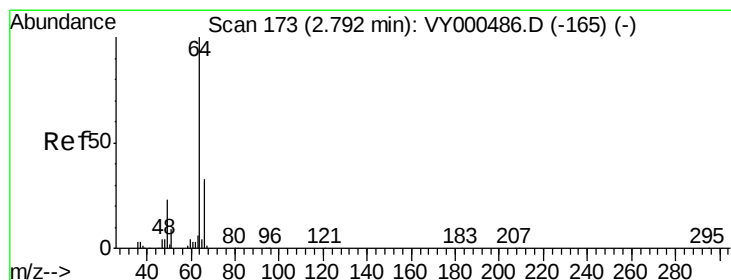
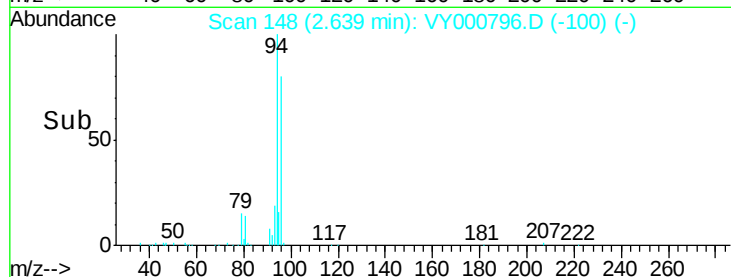
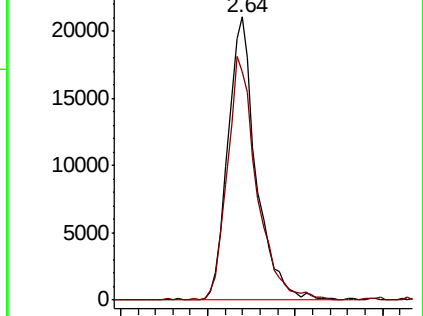
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.505 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000796.D

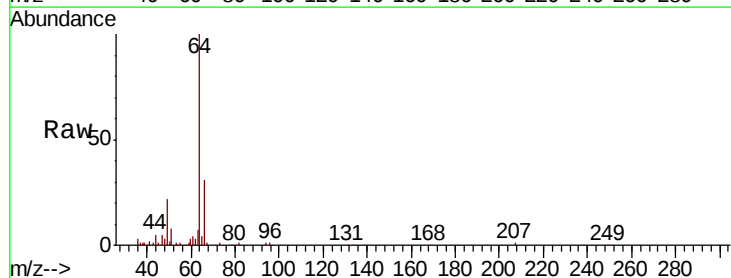
Acq: 26 Nov 2019 12:21

Tgt Ion: 64 Resp: 47237

Ion Ratio Lower Upper

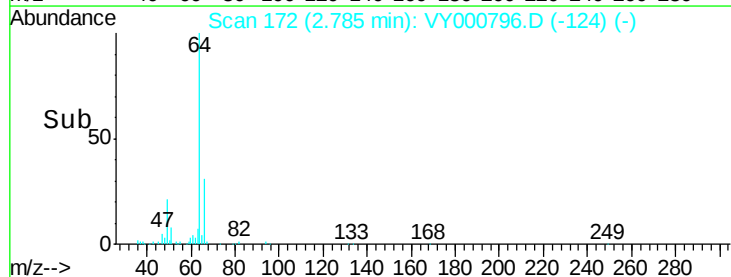
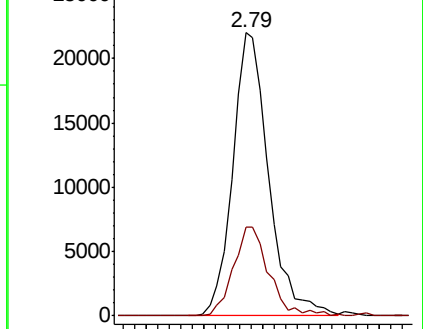
64 100

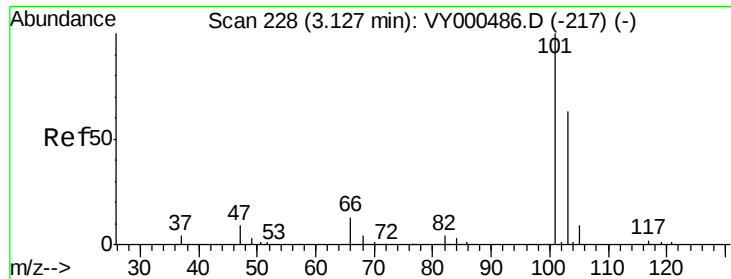
66 31.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

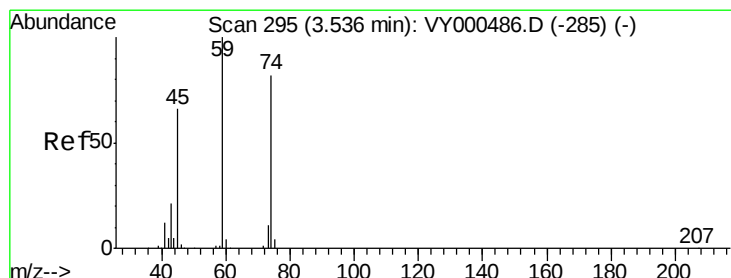
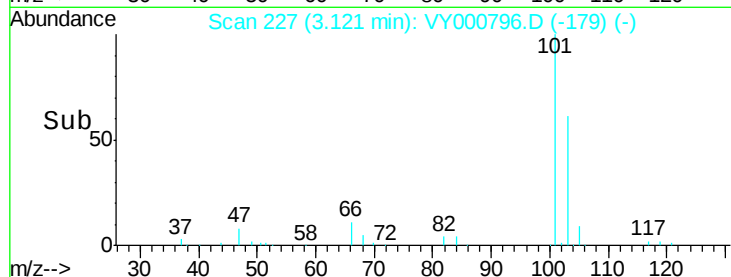
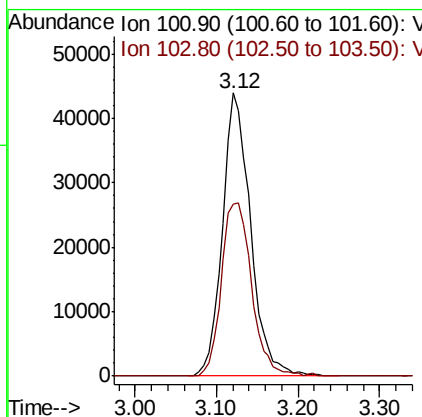
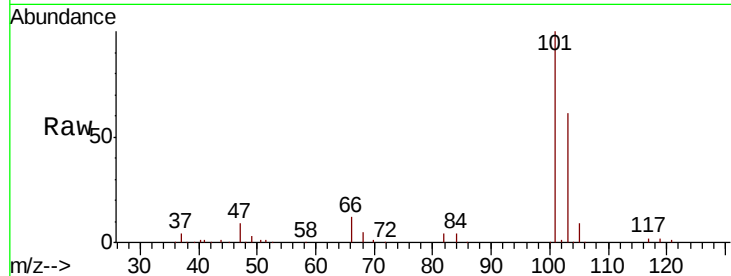
Trichlorofluoromethane
Concen: 20.022 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

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VY1126SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	104631		
103	60.6	50.5	75.7	

Manual Integrations
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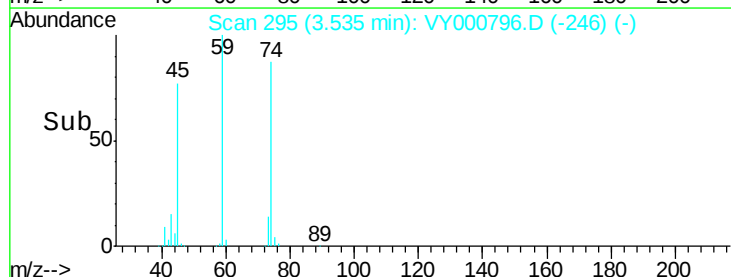
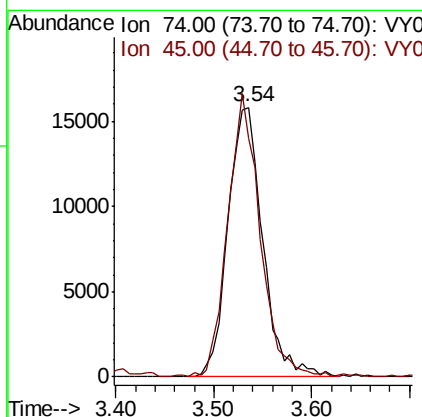
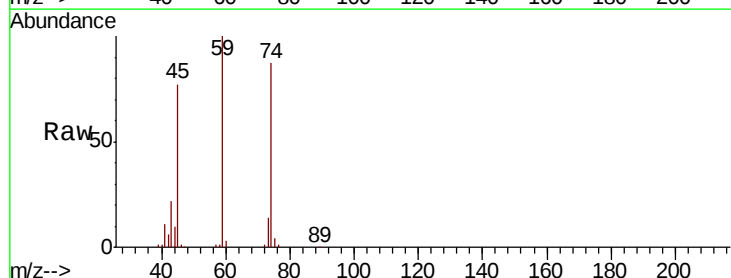
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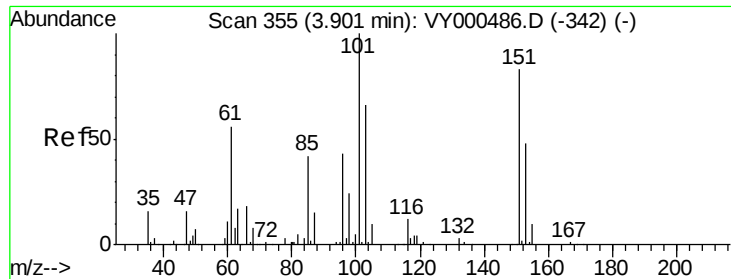


#8

Diethyl Ether
Concen: 20.971 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	38939		
45	98.2	45.5	136.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.351 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

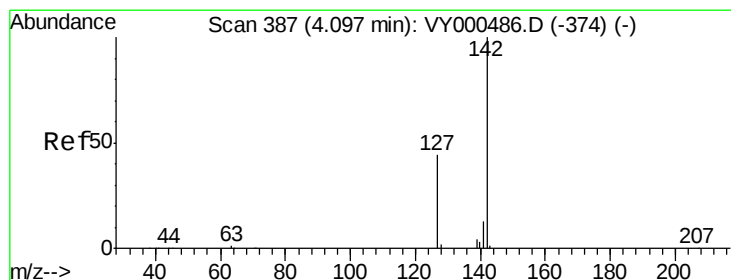
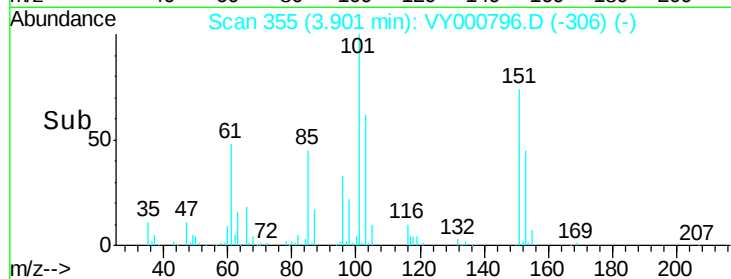
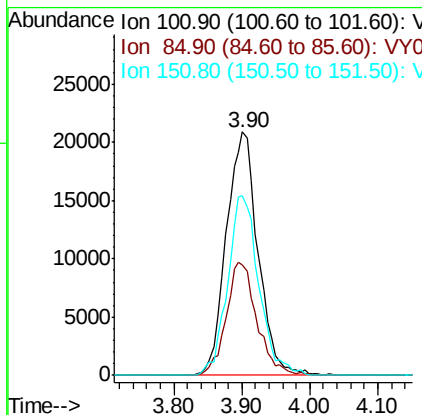
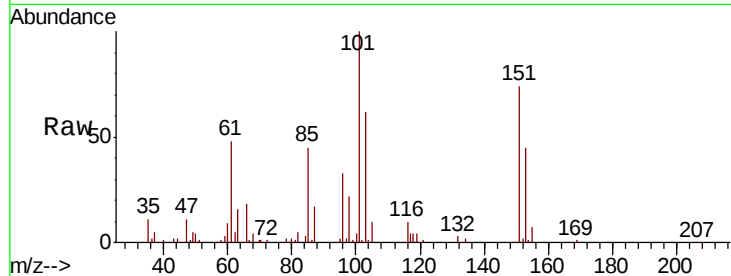
ClientSampleId :

VY1126SBS01

Tot Ion:	101	Resp:	67456
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.7	55.1
151	72.9	64.3	96.5

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#10

Methyl Iodide

Concen: 20.702 ug/l

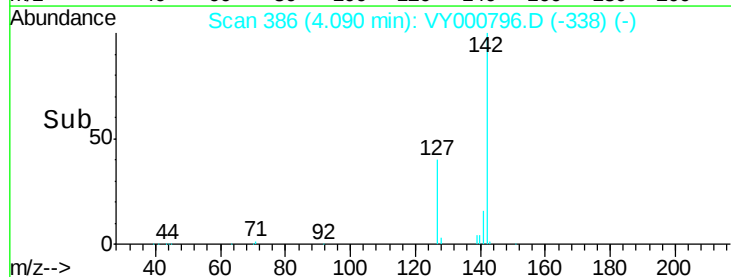
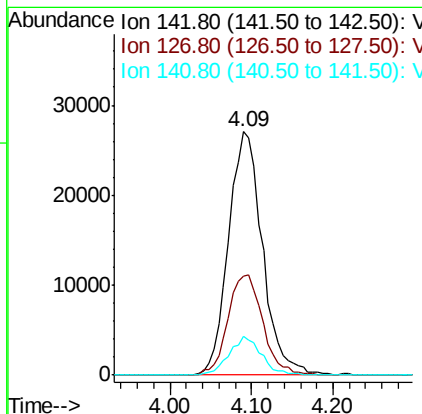
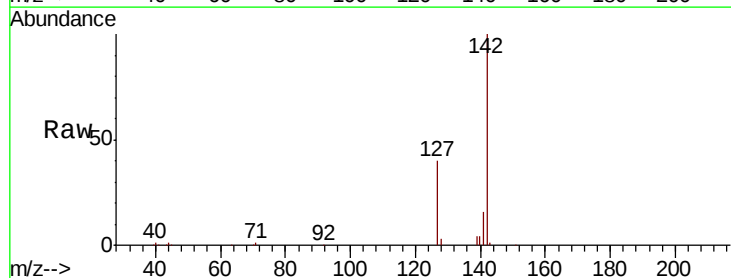
RT: 4.09 min Scan# 386

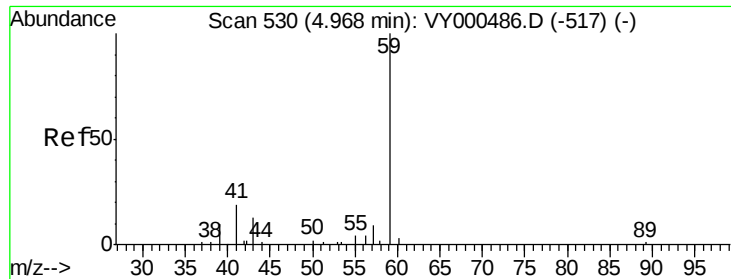
Delta R.T. -0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Tgt Ion:	142	Resp:	77762
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.7	50.5
141	15.2	10.9	16.3





#11

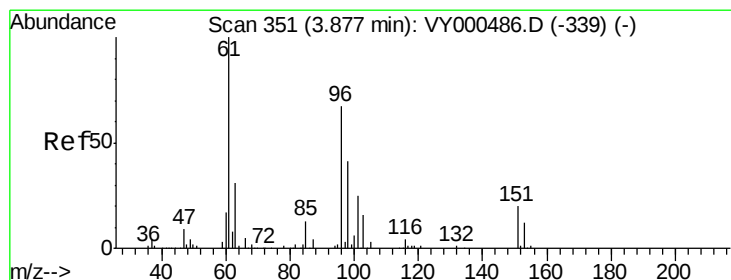
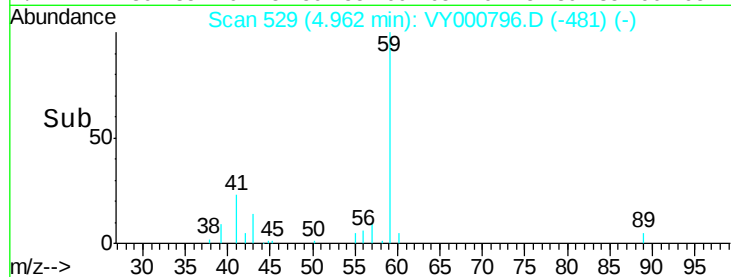
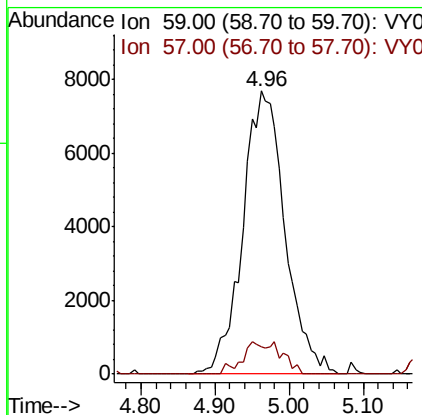
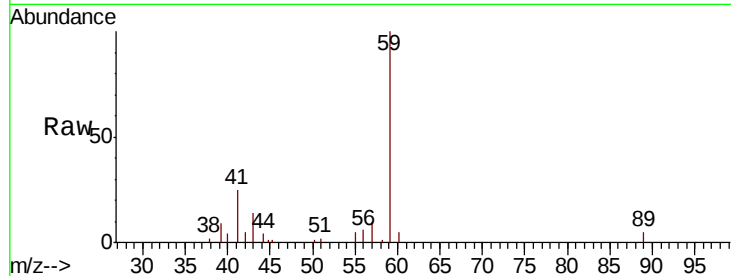
Tert butyl alcohol
 Concen: 98.616 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion	59	57	Ratio	100	4.2	Resp	30527	Lower	Upper
59	100								
57		4.2				8.6		12.8	

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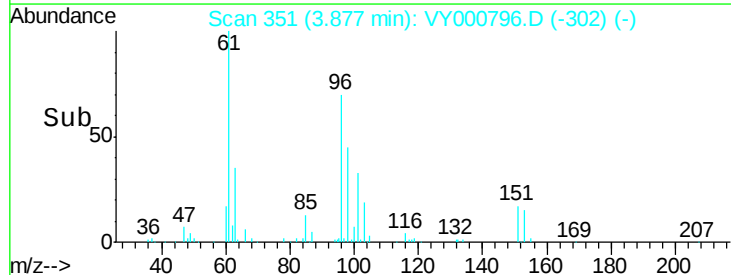
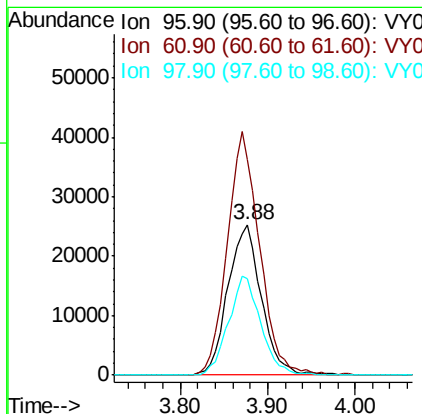
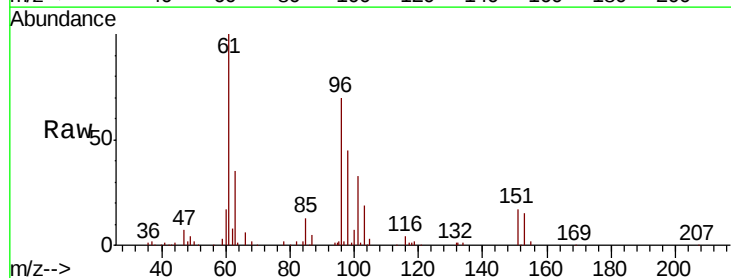
apatel
 11/27/2019 5:14:31 PM

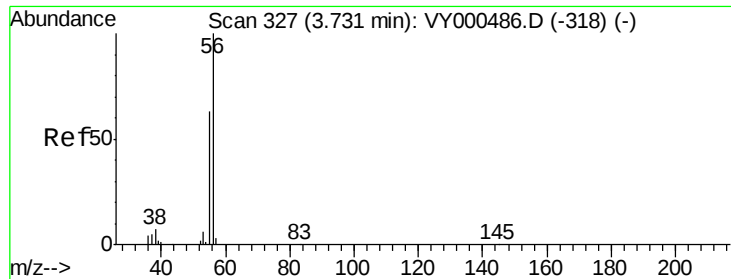


#12

1,1-Dichloroethene
 Concen: 21.869 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Tgt Ion	96	61	98	Ratio	100	142.5	64.2	Resp	67127	Lower	Upper
96	100										
61		142.5						119.2		178.8	
98		64.2						48.6		73.0	





#13

Acrolein

Concen: 67.779 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion: 56 Resp: 18276

Ion Ratio Lower Upper

56 100

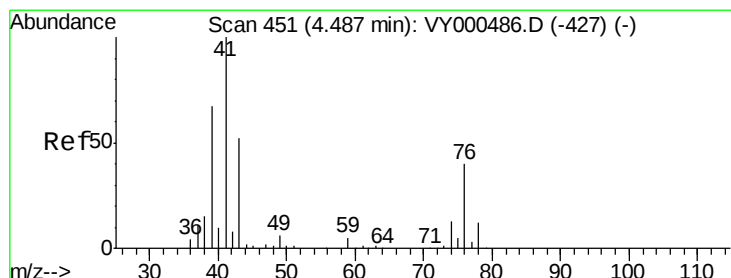
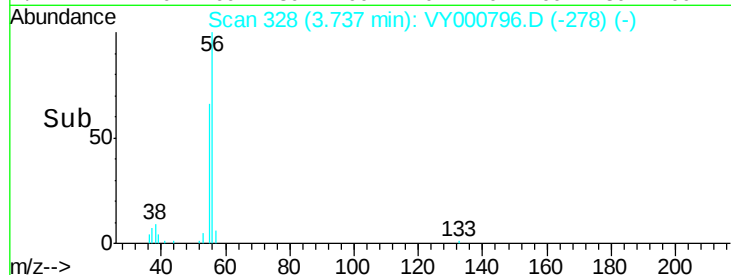
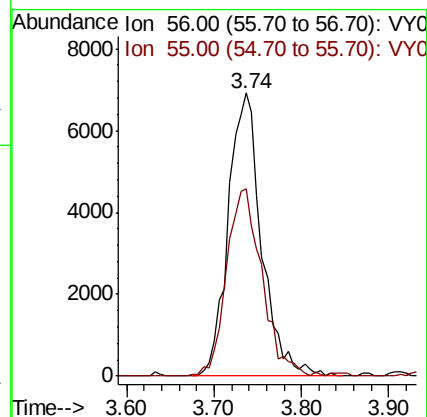
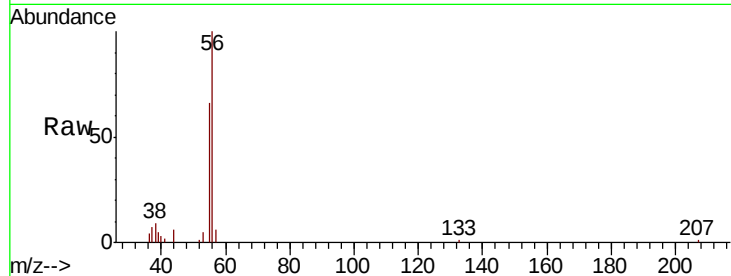
55 70.1 57.0 85.6

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#14

Allyl chloride

Concen: 22.859 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

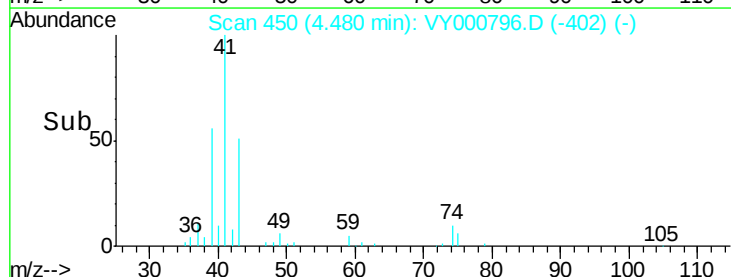
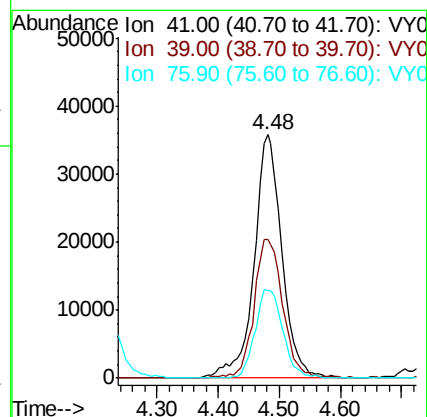
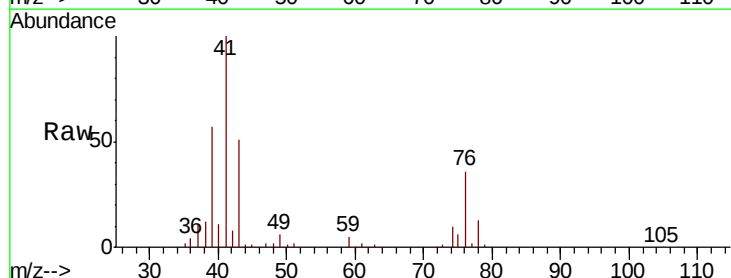
Tgt Ion: 41 Resp: 114093

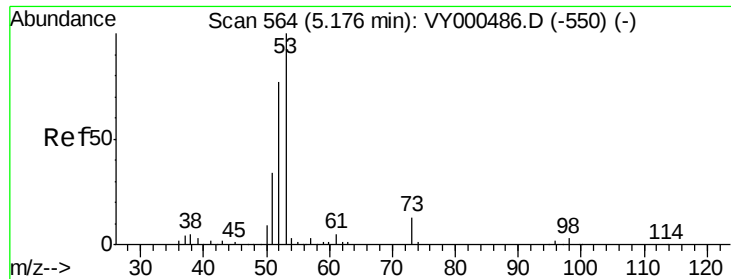
Ion Ratio Lower Upper

41 100

39 58.7 53.6 80.4

76 36.1 29.8 44.6





#15

Acrylonitrile

Concen: 106.652 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

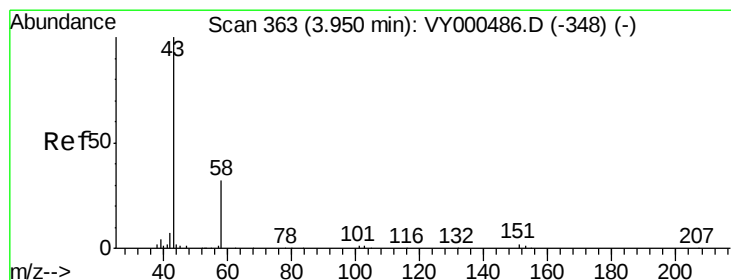
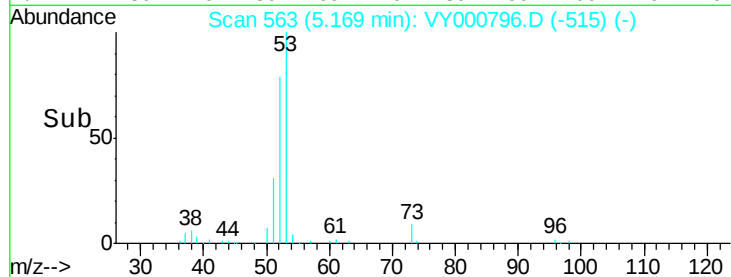
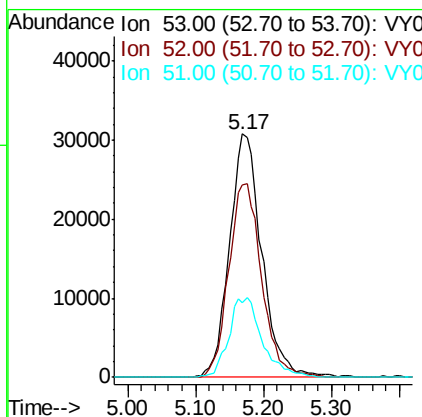
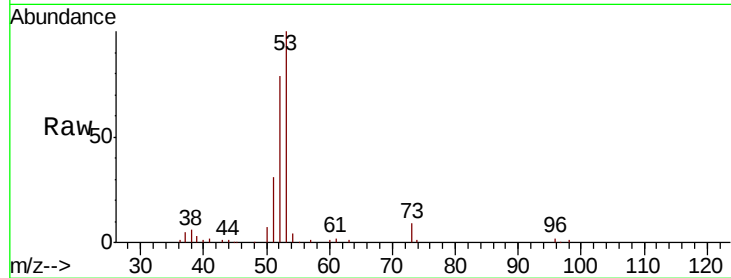
ClientSampleId :

VY1126SBS01

Tot Ion:	53	Resp:	101448
Ion Ratio		Lower	Upper
53	100		
52	80.9	64.9	97.3
51	33.9	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 79.328 ug/l

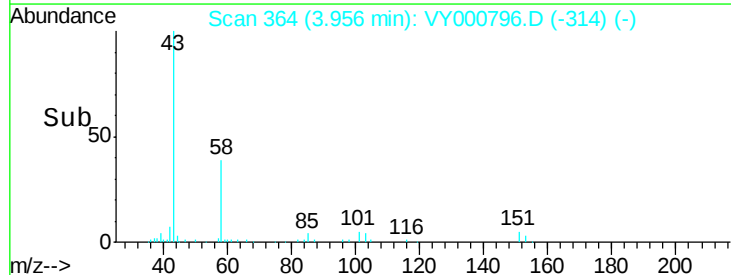
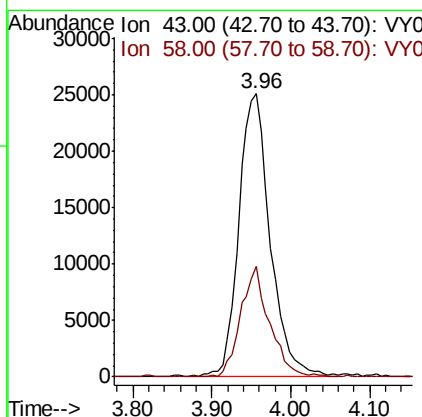
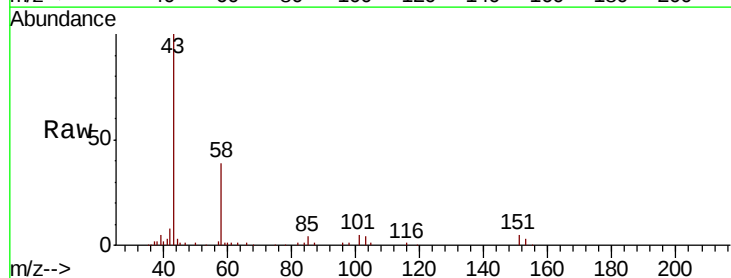
RT: 3.96 min Scan# 364

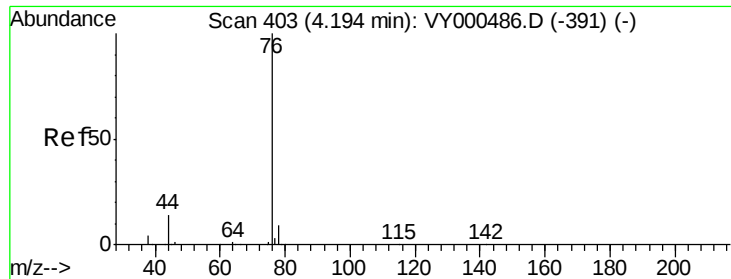
Delta R.T. 0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Tgt Ion:	43	Resp:	69527
Ion Ratio		Lower	Upper
43	100		
58	38.9	25.8	38.6#





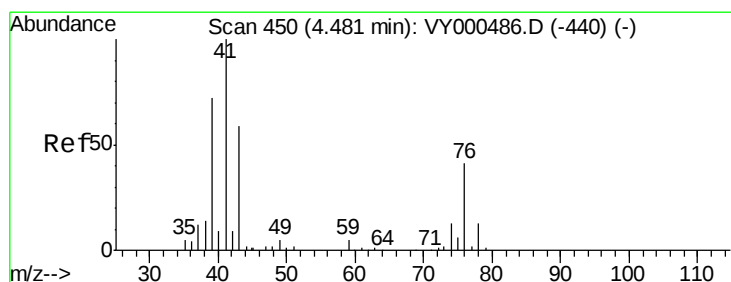
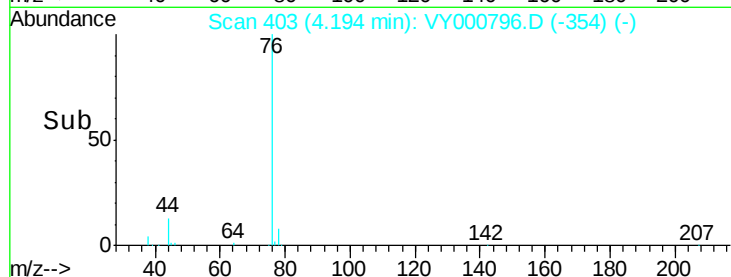
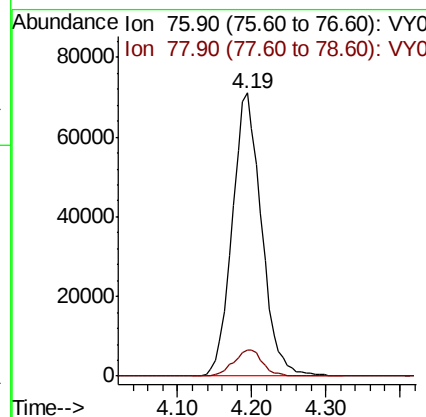
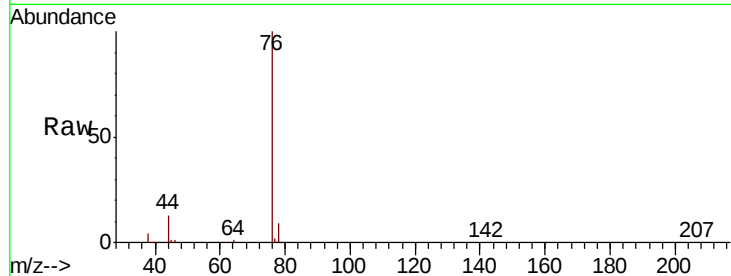
#17
Carbon Disulfide
Concen: 20.152 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
76	100	195090		
78	9.4	7.5	11.3	

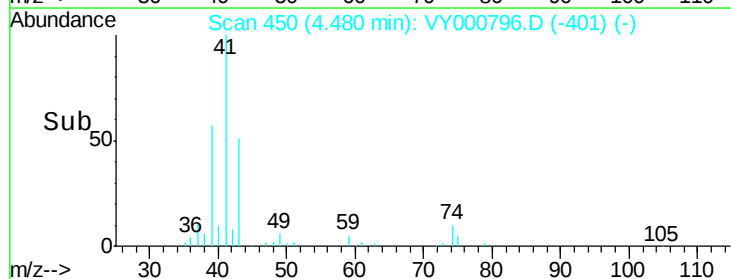
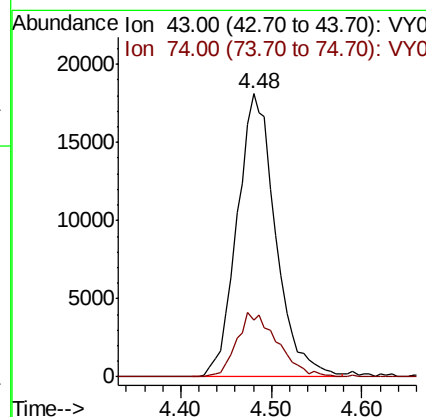
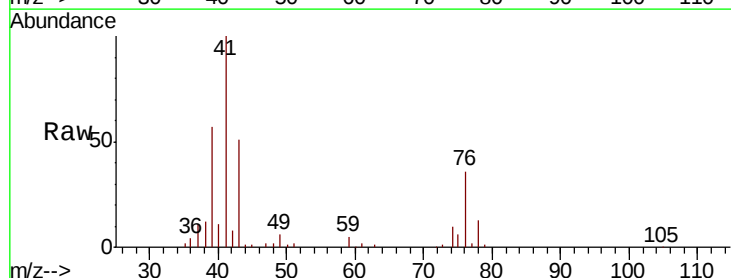
Manual Integrations
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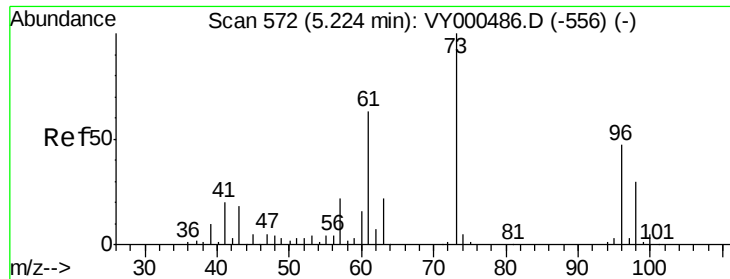
apatel
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#18
Methyl Acetate
Concen: 19.598 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	53407		
74	24.0	19.2	28.8	





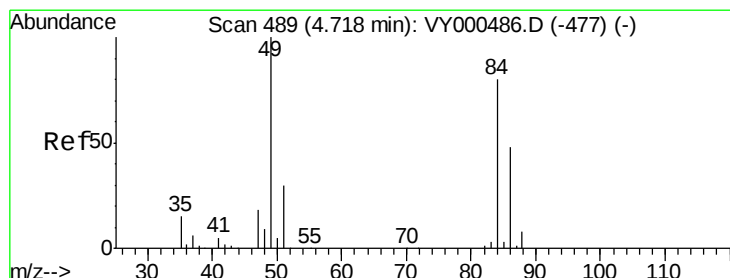
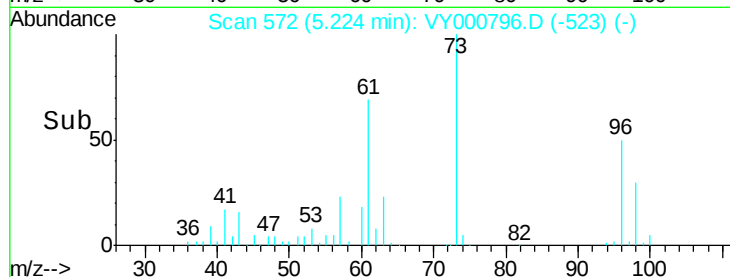
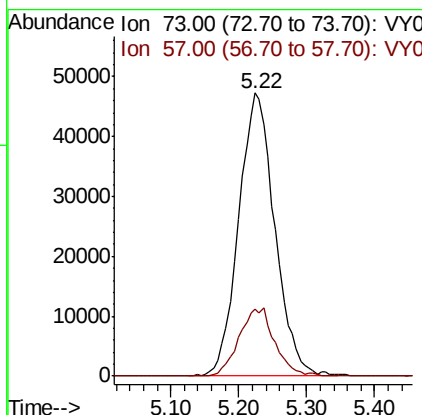
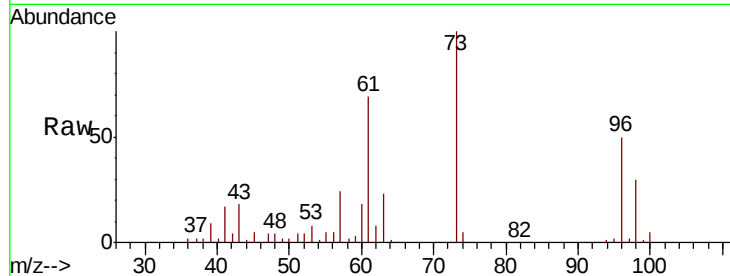
#19
Methvl tert-butvl Ether
Concen: 20.489 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion: 73 Resp: 174857
Ion Ratio Lower Upper
73 100
57 23.7 17.4 26.0

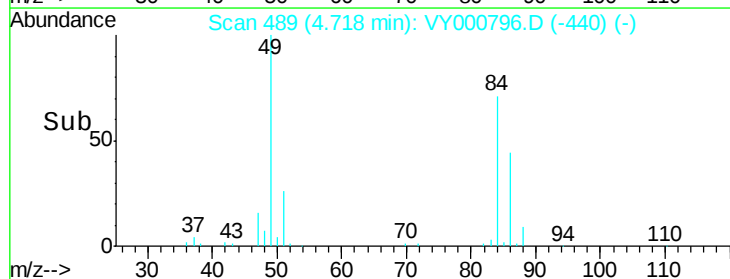
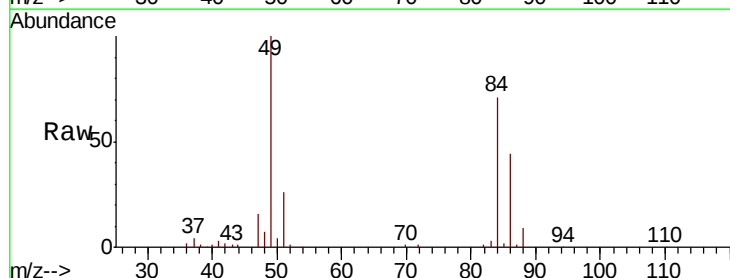
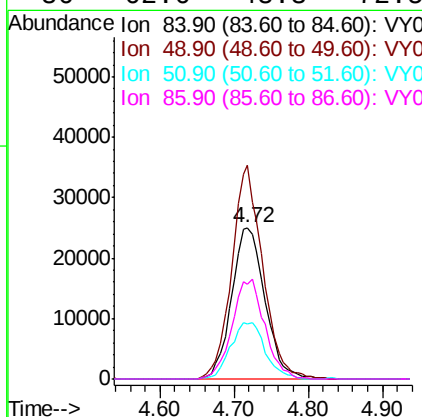
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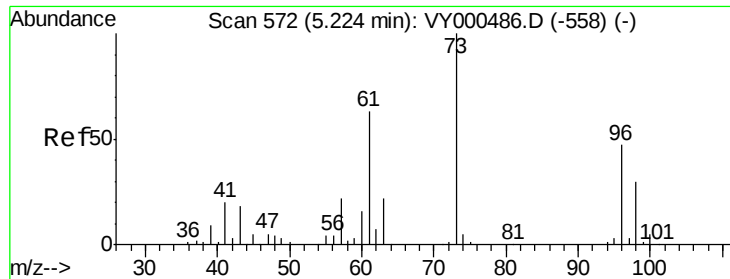
apatel
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#20
Methylene Chloride
Concen: 20.949 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion: 84 Resp: 78673
Ion Ratio Lower Upper
84 100
49 141.3 100.2 150.4
51 36.8 29.6 44.4
86 62.6 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 21.588 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion: 96 Resp: 74912

Ion Ratio Lower Upper

96 100

61 136.3 106.6 160.0

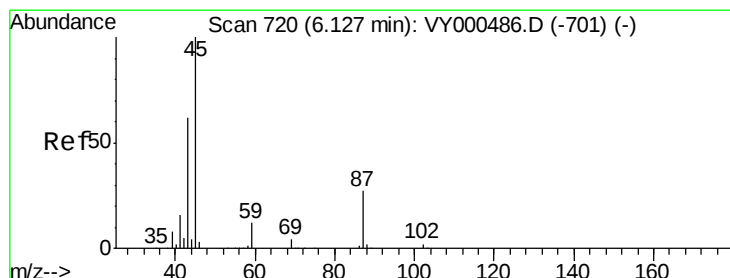
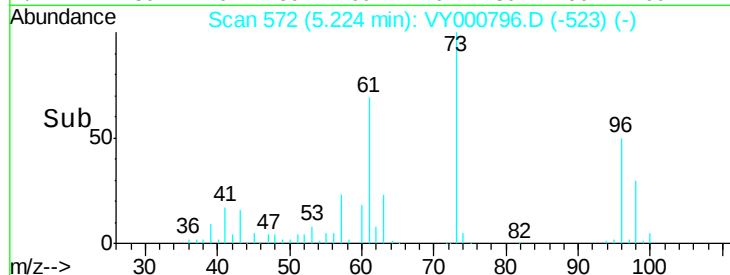
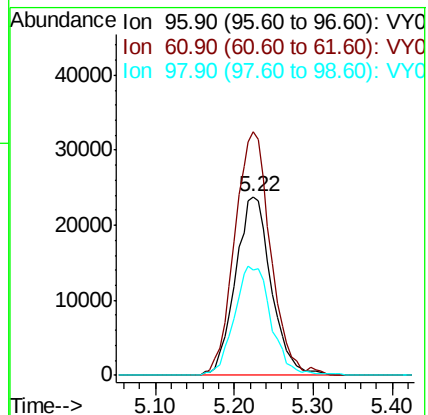
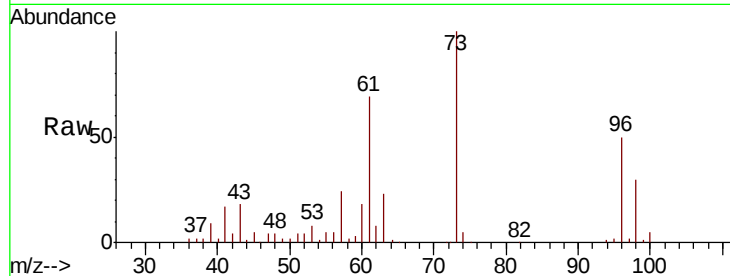
98 59.0 50.6 76.0

Manual Integrations

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#22

Diisopropyl ether

Concen: 22.189 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Tgt Ion: 45 Resp: 240712

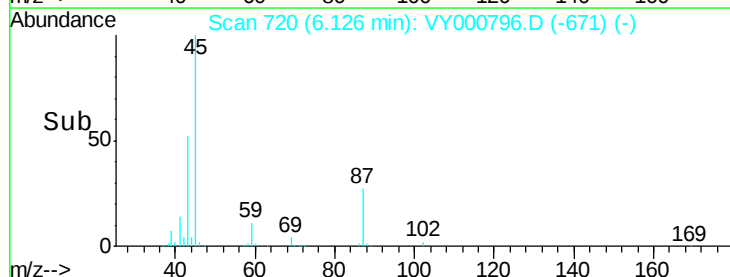
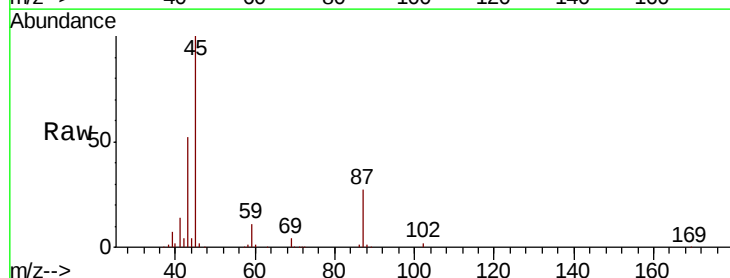
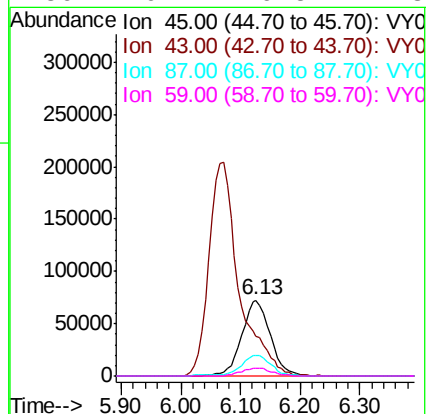
Ion Ratio Lower Upper

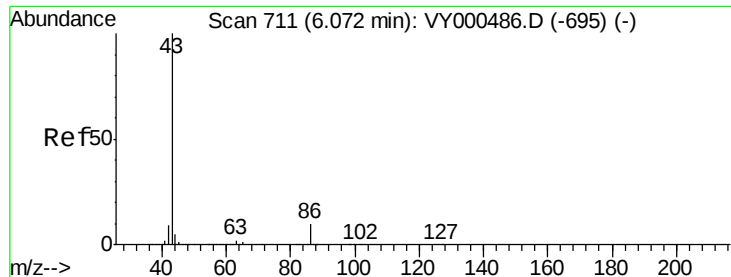
45 100

43 51.3 50.0 75.0

87 27.0 21.6 32.4

59 10.7 9.5 14.3





#23

Vinyl Acetate

Concen: 103.668 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion: 43 Resp: 709929

Ion Ratio Lower Upper

43 100

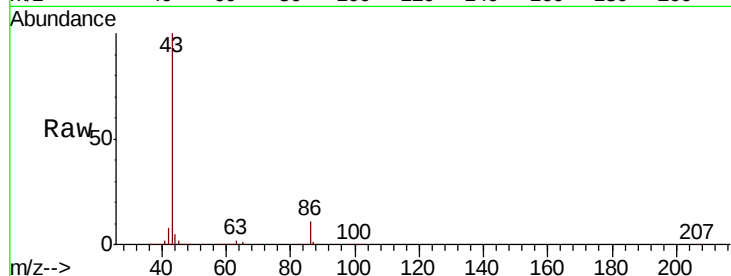
86 11.1 7.8 11.6

Manual Integrations

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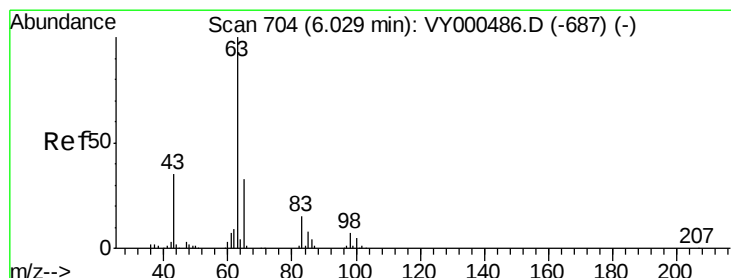
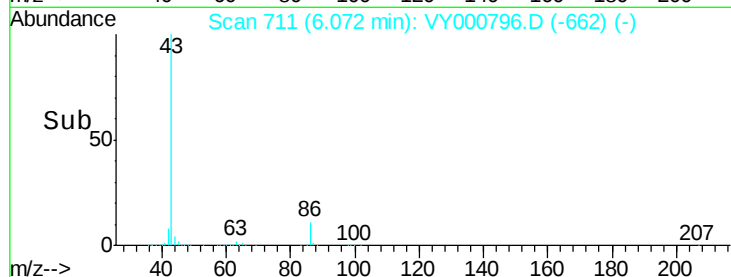
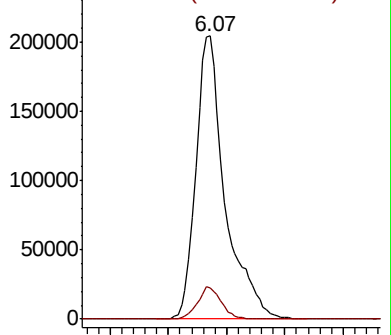
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.257 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

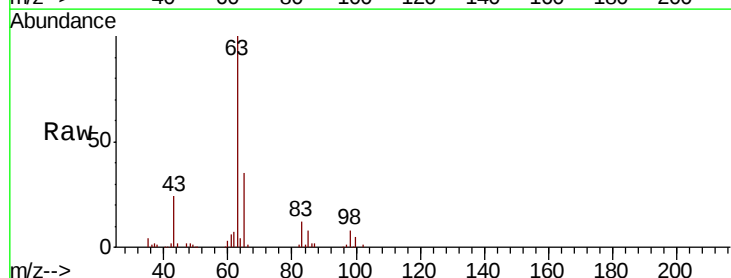
Tgt Ion: 63 Resp: 130803

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.6

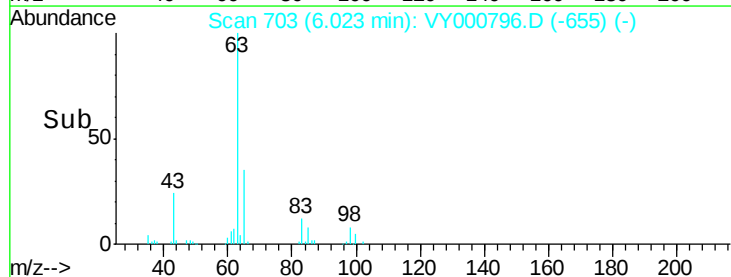
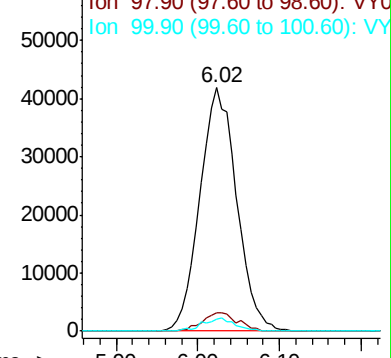
100 5.1 2.4 7.1

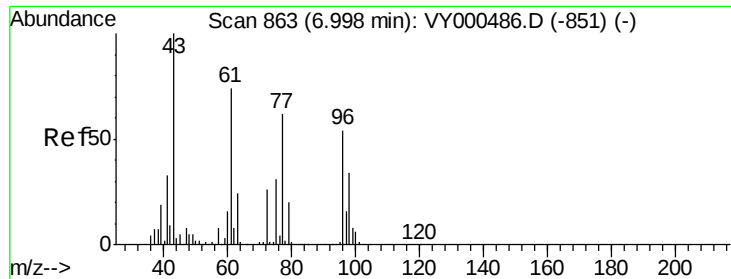


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 89.840 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBSD01

Tot Ion: 43 Resp: 125665

Ion Ratio Lower Upper

43 100

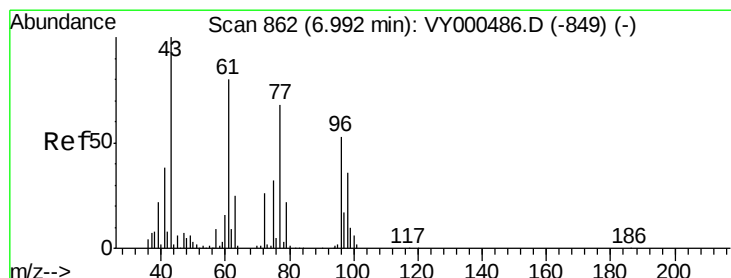
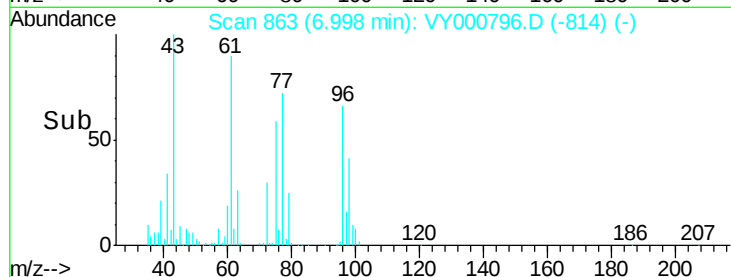
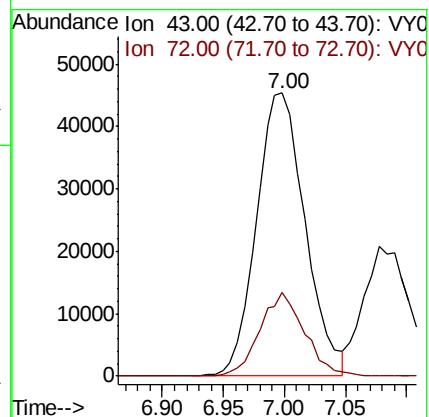
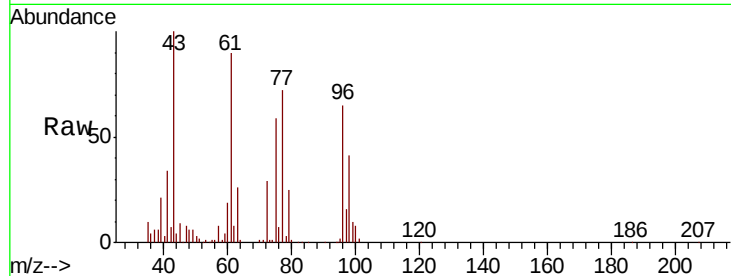
72 29.5 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.996 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000796.D

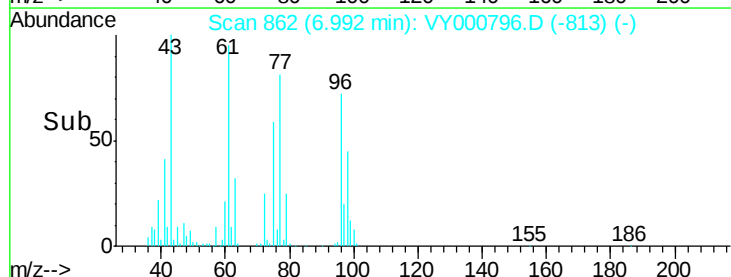
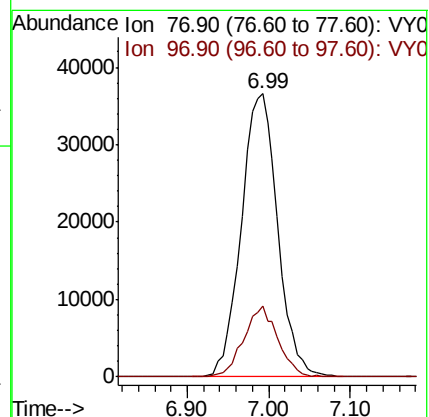
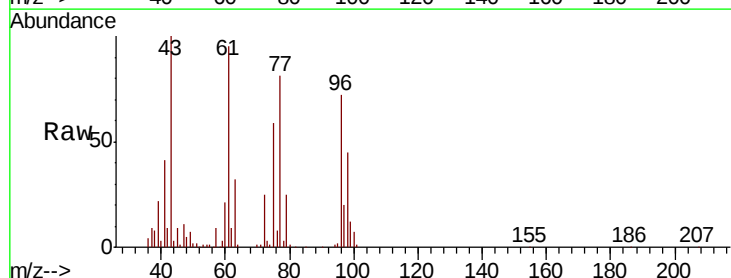
Acq: 26 Nov 2019 12:21

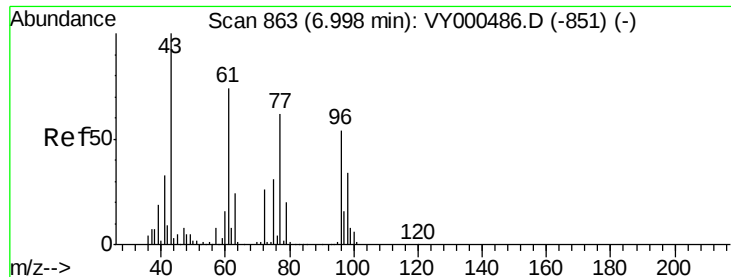
Tgt Ion: 77 Resp: 112764

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.4





#27

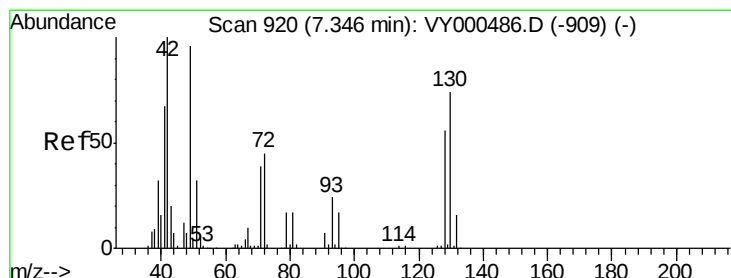
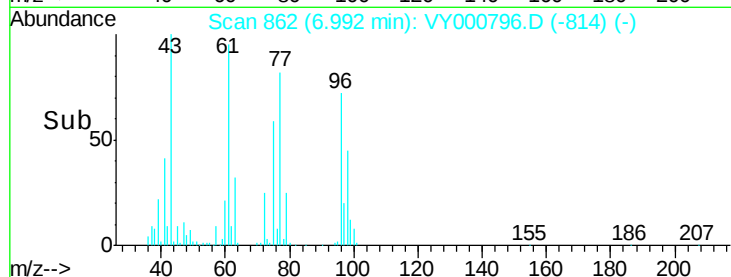
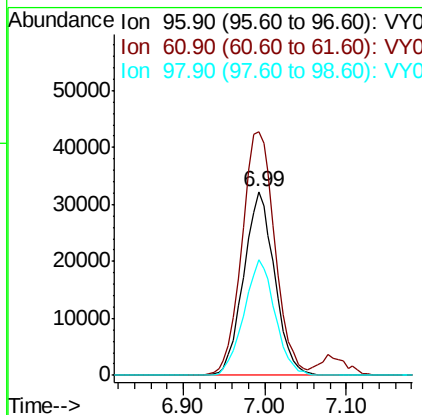
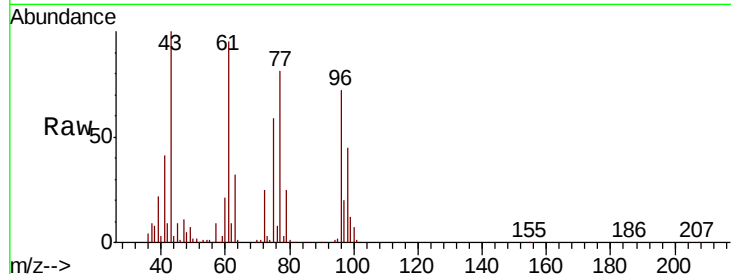
cis-1,2-Dichloroethene
Concen: 22.414 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	141.4	0.0	287.0	
98	63.4	0.0	129.4	

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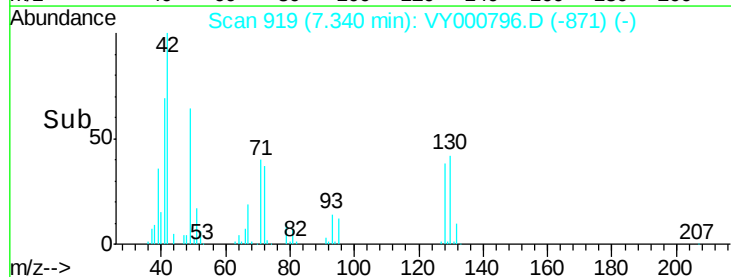
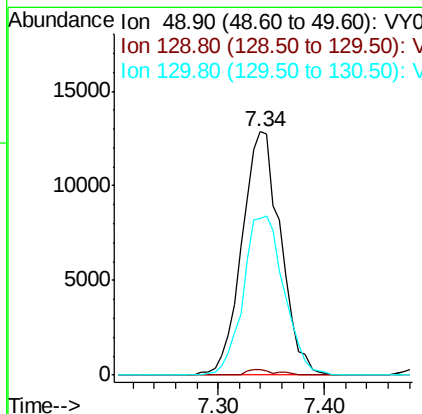
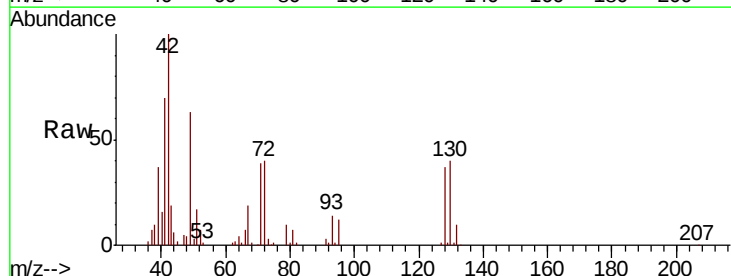
apatel
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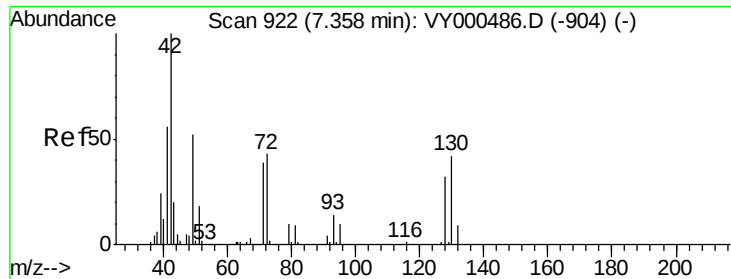


#28

Bromochloromethane
Concen: 15.312 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.2	0.0	3.6	
130	68.8	59.4	89.0	





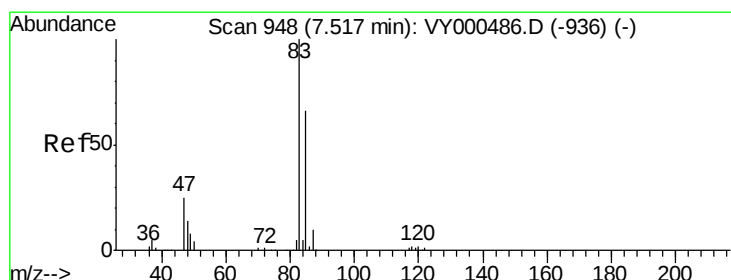
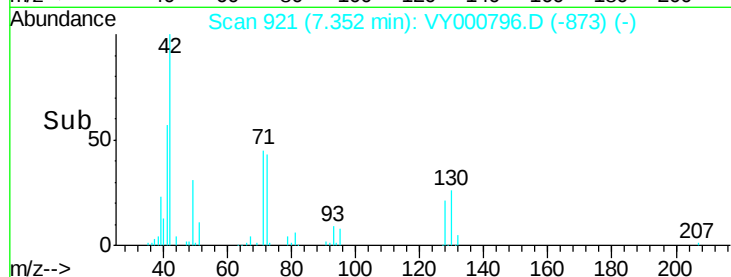
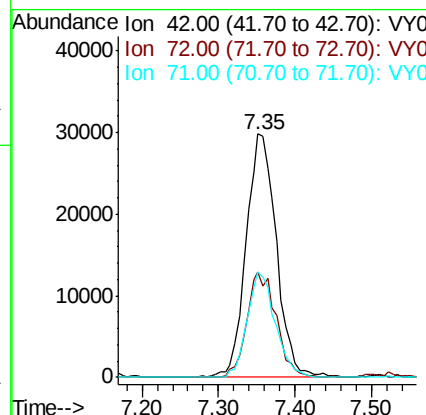
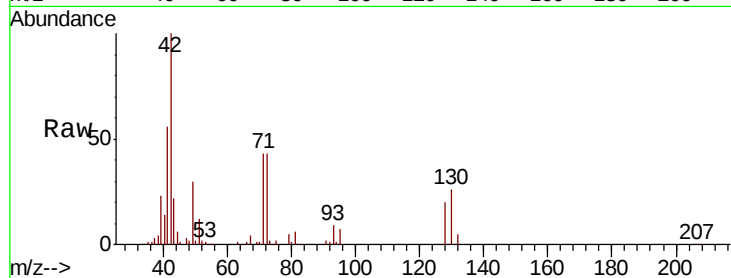
#29
Tetrahydrofuran
Concen: 95.732 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.0	51.0
71	40.2	30.8	46.2

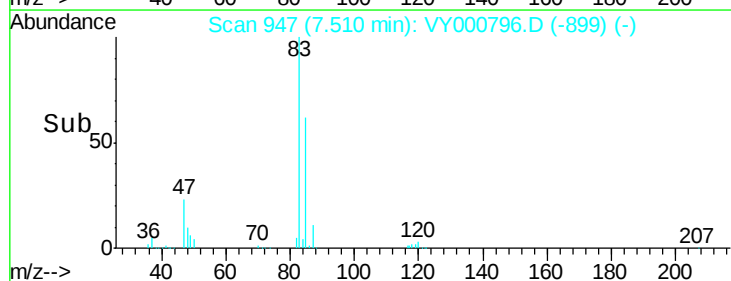
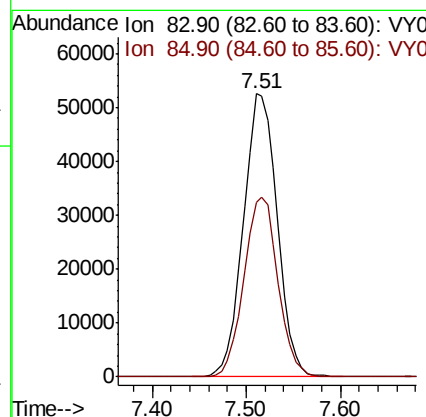
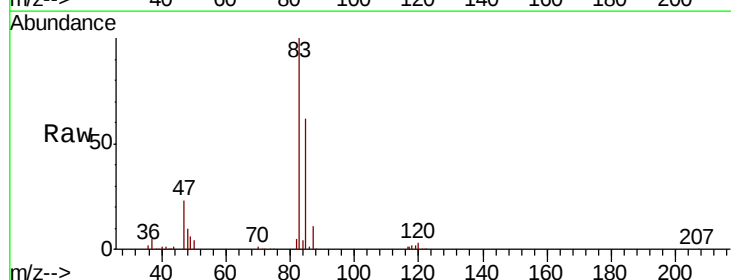
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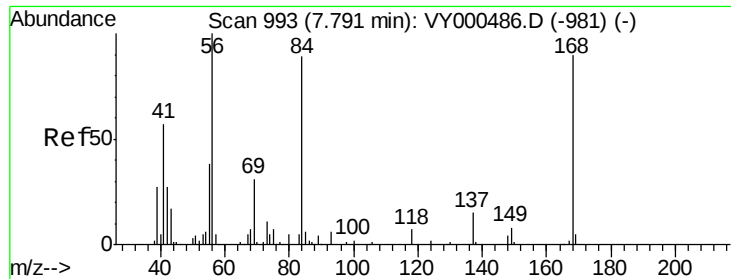
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#30
Chloroform
Concen: 22.215 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	53.0	79.4





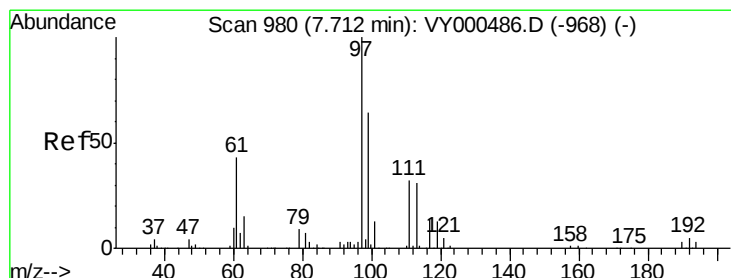
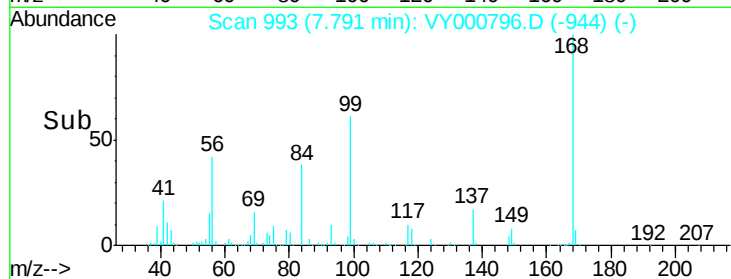
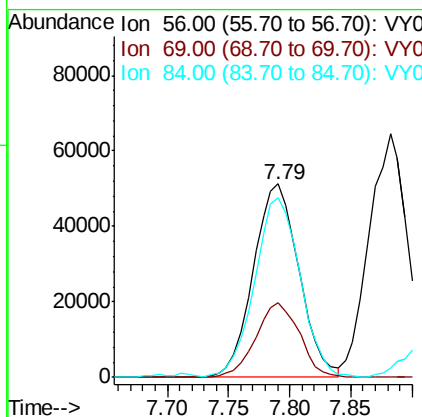
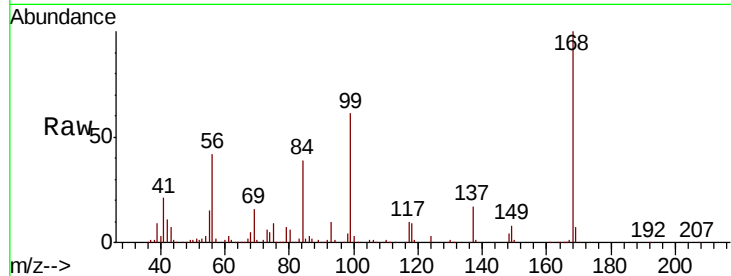
#31
Cyclohexane
Concen: 21.544 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.6	25.0	37.6#
84	91.0	71.4	107.2

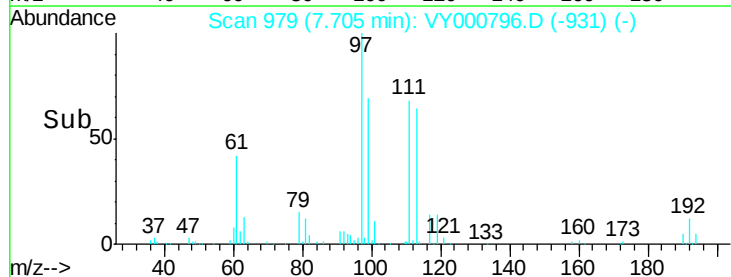
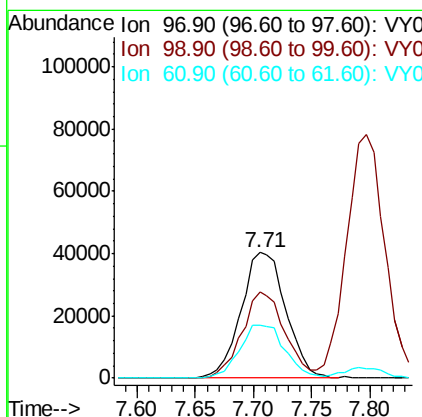
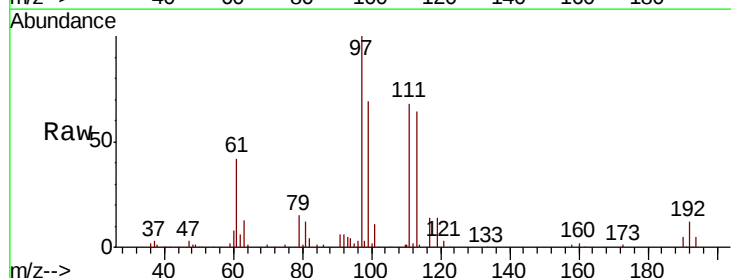
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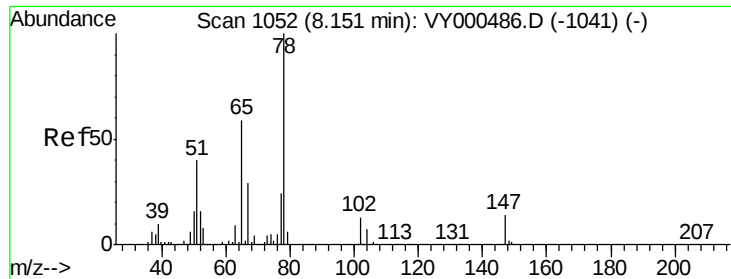
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#32
1,1,1-Trichloroethane
Concen: 20.351 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.9	76.3
61	42.9	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 47.809 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion: 65 Resp: 152032

Ion Ratio Lower Upper

65 100

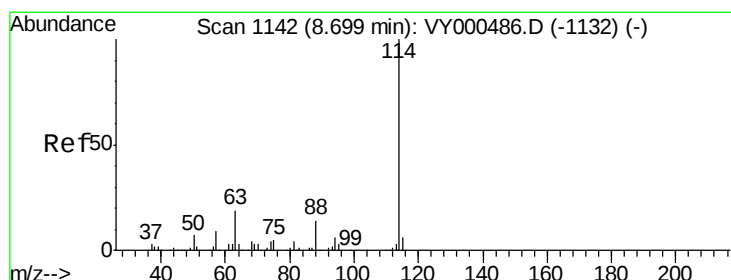
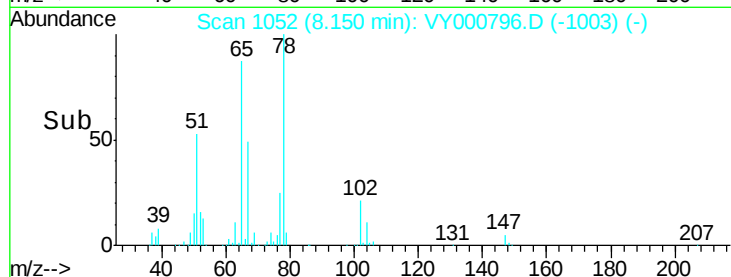
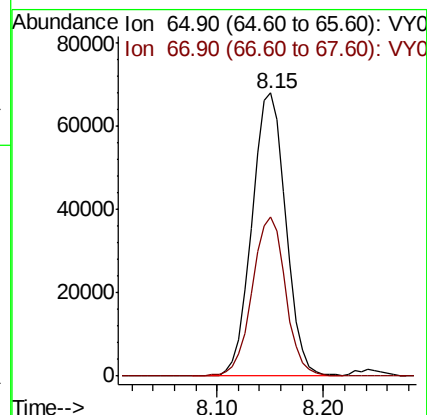
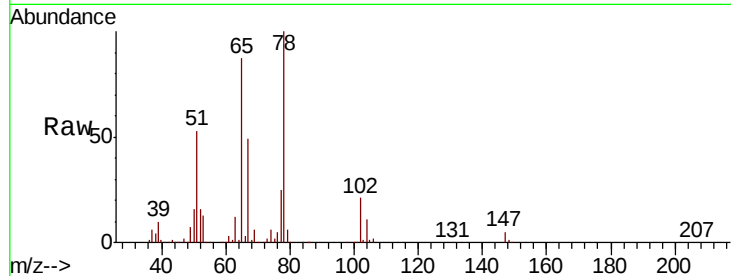
67 55.3 0.0 107.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

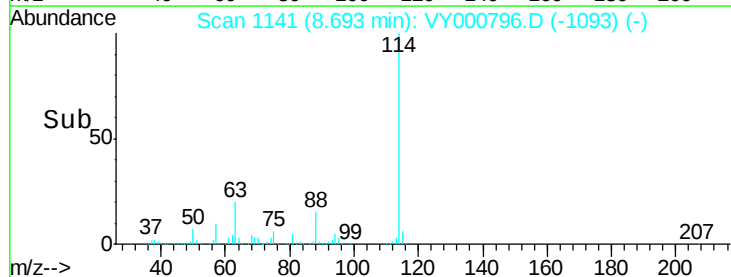
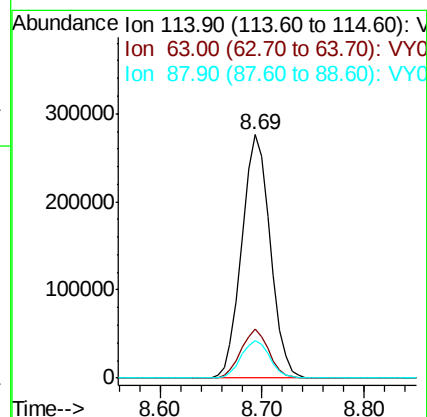
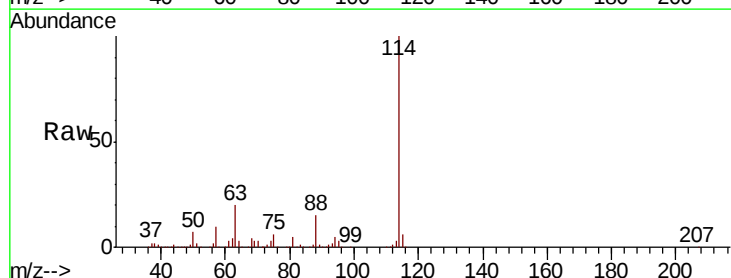
Tgt Ion: 114 Resp: 533170

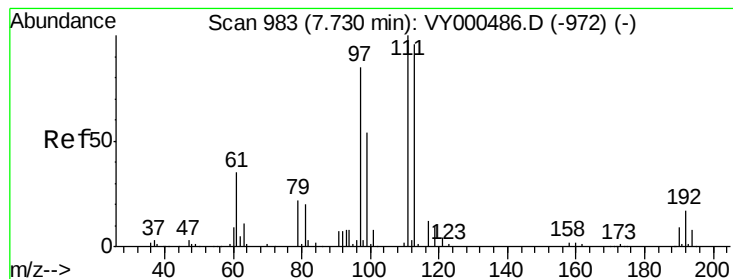
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

88 15.5 0.0 28.6





#35

Dibromofluoromethane

Concen: 47.160 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

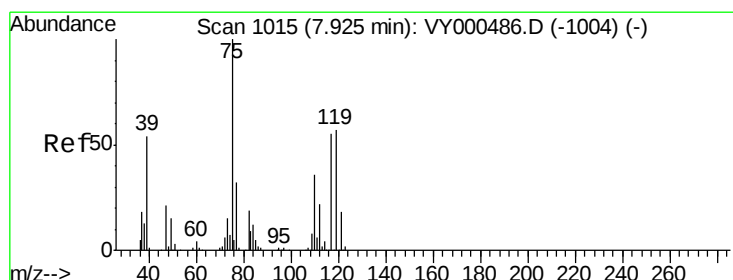
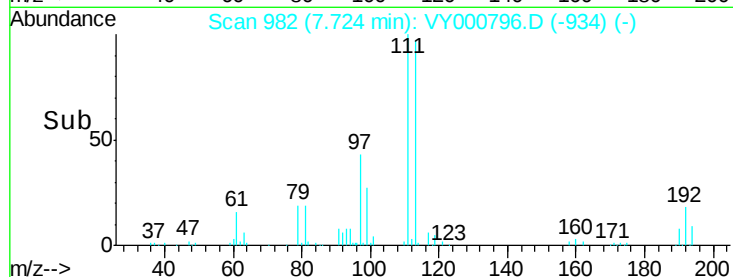
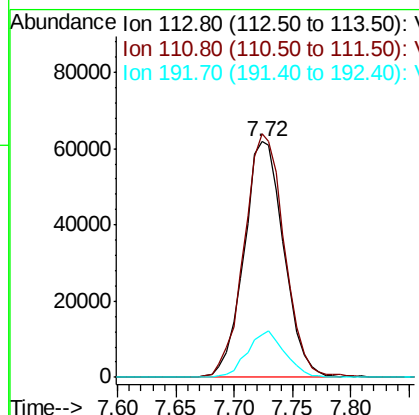
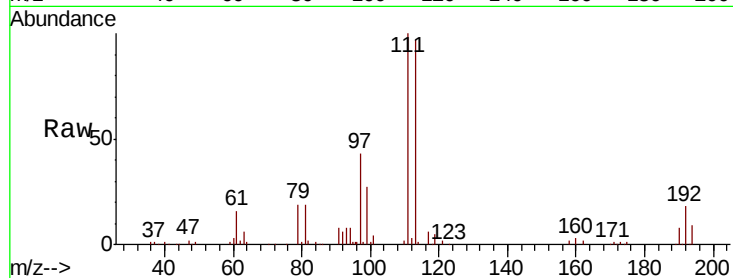
ClientSampleId :

VY1126SBS01

Tot Ion:	113	Resp:	147612
Ion Ratio	Lower	Upper	
113	100		
111	104.3	81.7	122.5
192	18.5	15.0	22.4

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#36

1,1-Dichloropropene

Concen: 20.637 ug/l

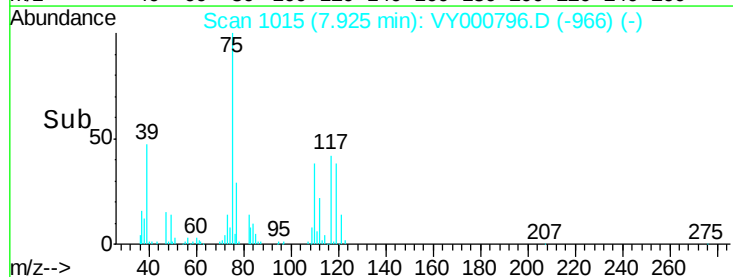
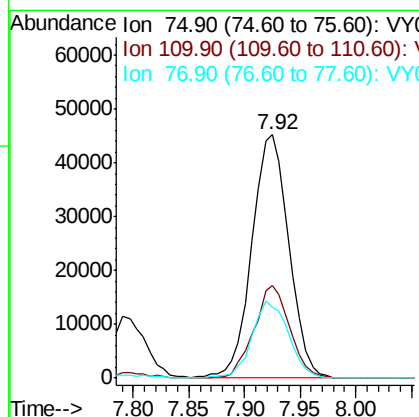
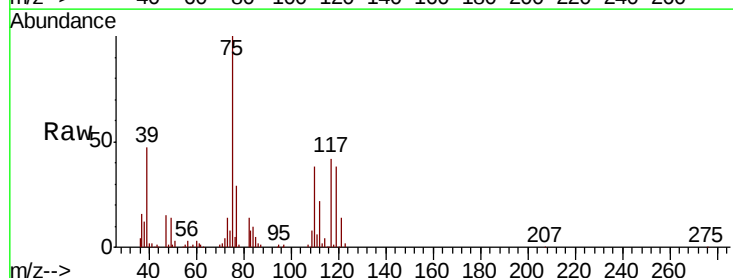
RT: 7.92 min Scan# 1015

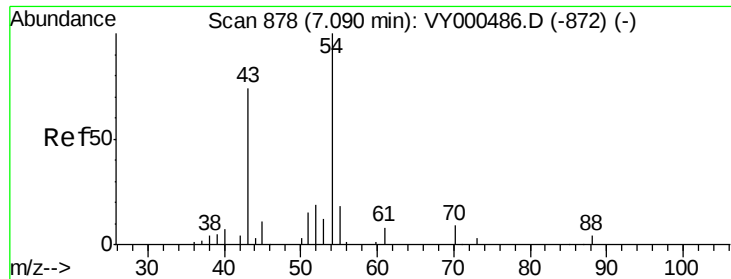
Delta R.T. -0.00 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Tgt Ion:	75	Resp:	104016
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.1	54.1
77	31.6	25.0	37.6





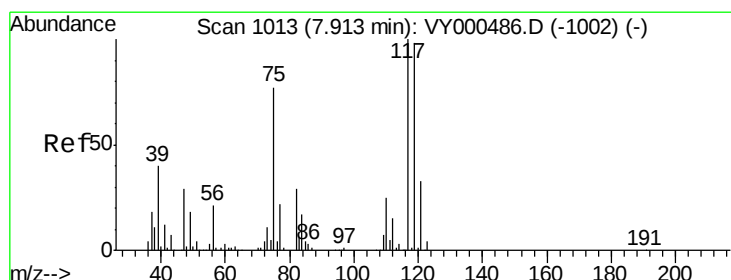
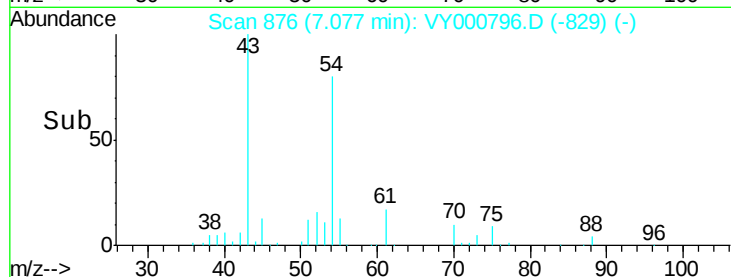
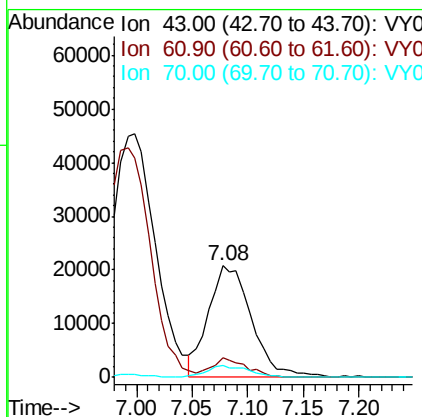
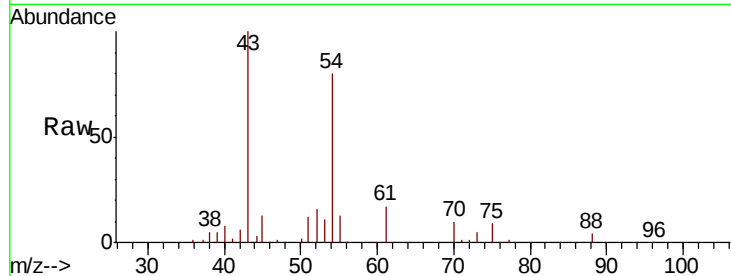
#37
Ethyl Acetate
Concen: 18.495 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	43	Resp	55344
Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.2	15.2
70	10.5	7.8	11.8

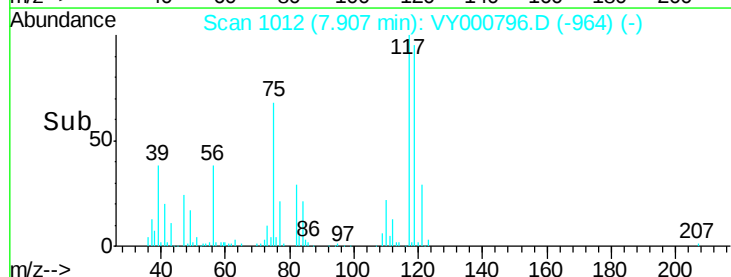
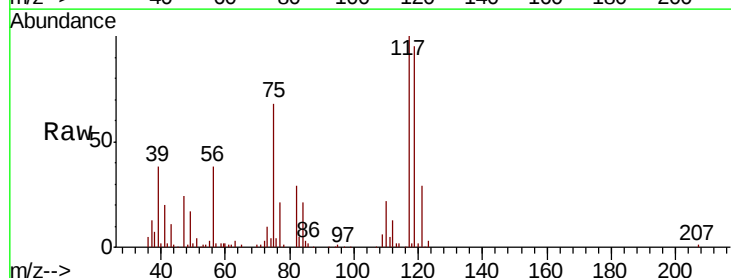
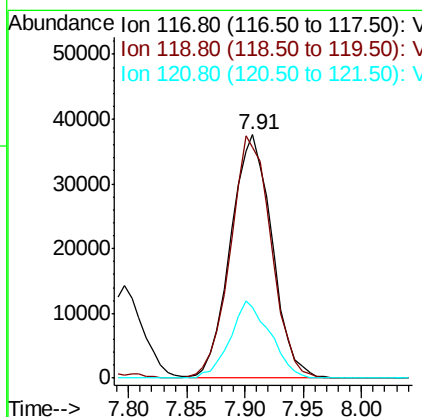
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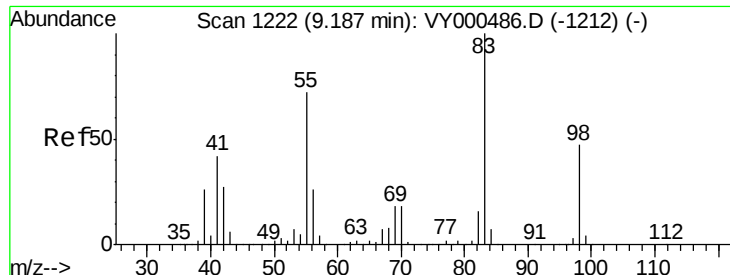
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#38
Carbon Tetrachloride
Concen: 19.185 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion	117	Resp	93046
Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.0	117.0
121	29.2	26.6	40.0





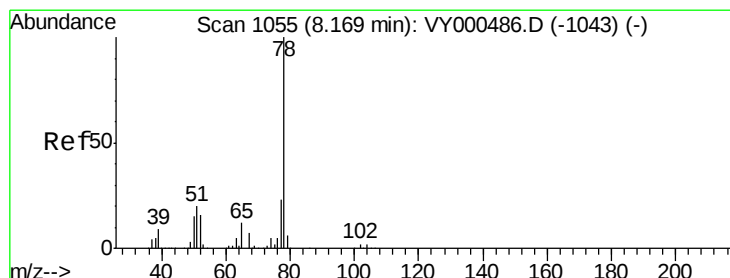
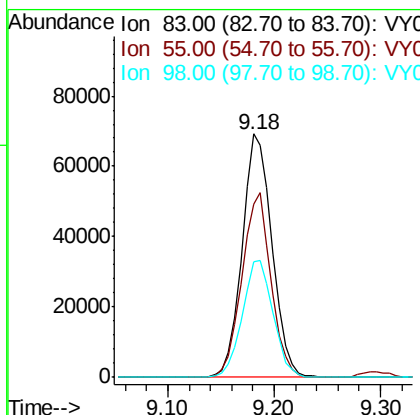
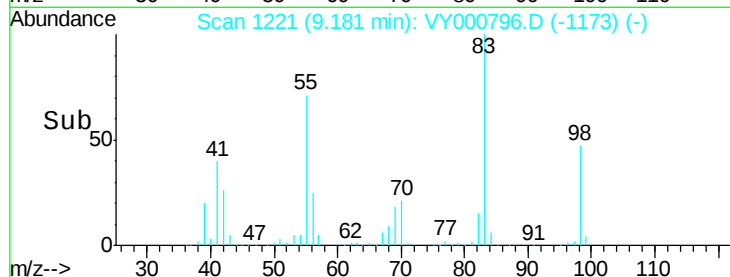
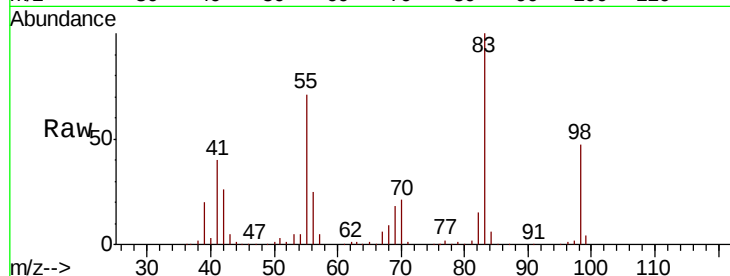
#39
Methvlcvclohexane
Concen: 20.932 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.2	57.5	86.3
98	47.5	38.0	57.0

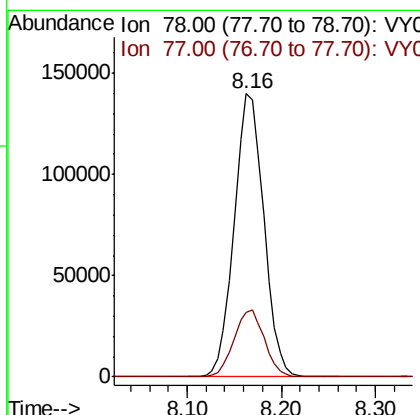
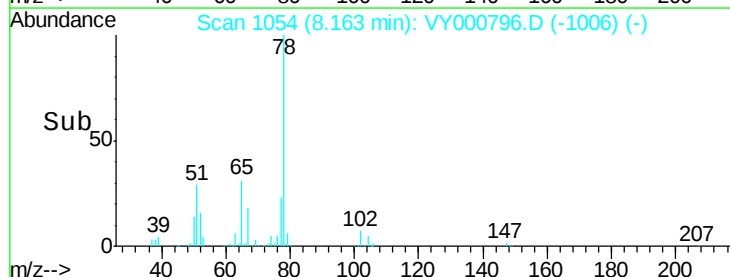
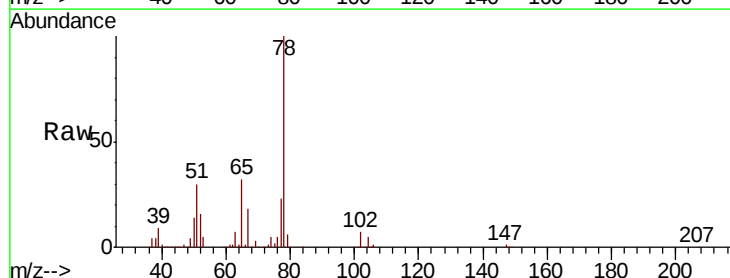
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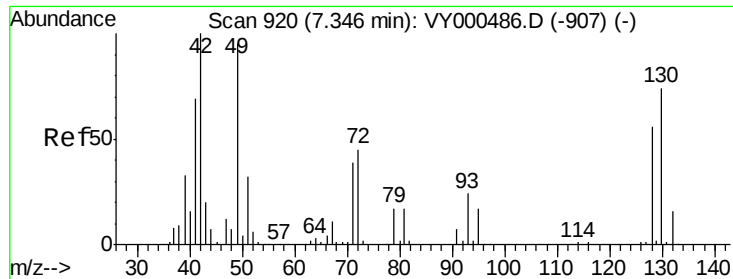
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#40
Benzene
Concen: 20.762 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.6	28.0





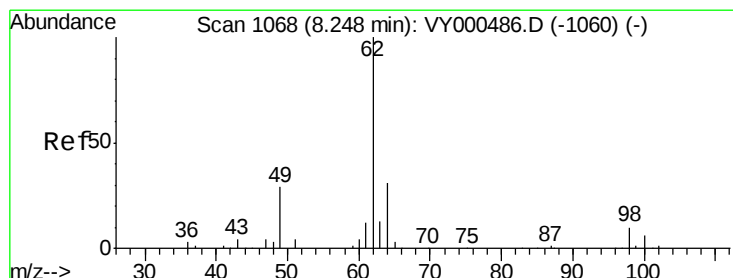
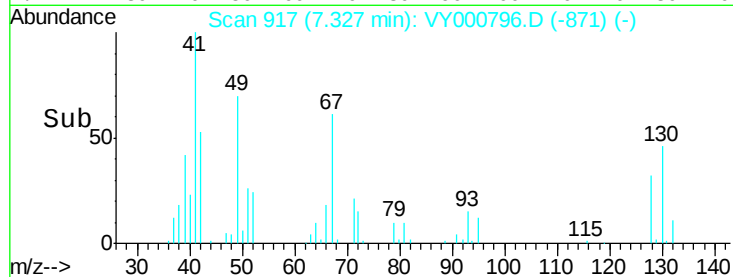
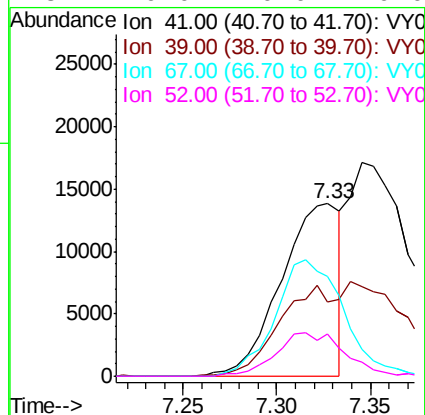
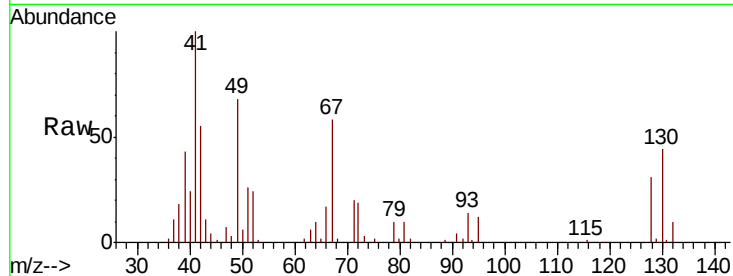
#41
Methacrylonitrile
Concen: 18.473 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.02 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion:	41	Resp:	30839
Ion Ratio	Lower	Upper	
41	100		
39	0.0	68.2	102.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

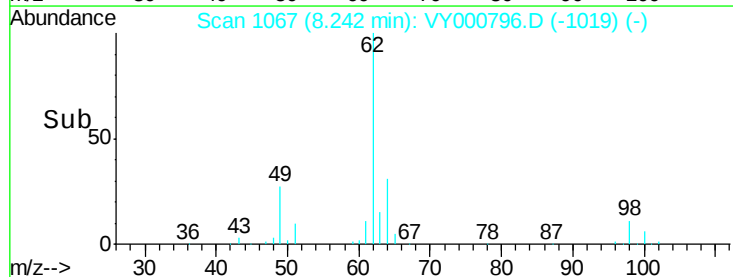
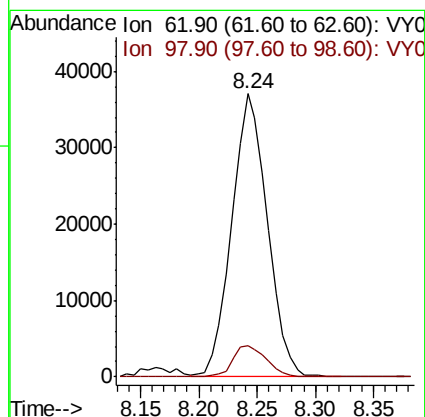
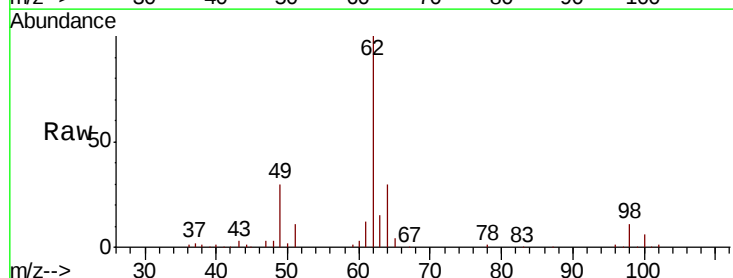
Manual Integrations
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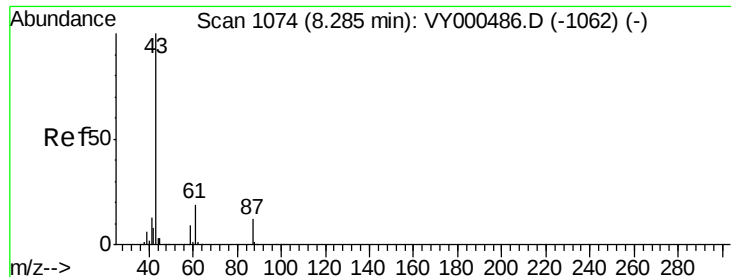
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#42
1,2-Dichloroethane
Concen: 18.804 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion:	62	Resp:	78809
Ion Ratio	Lower	Upper	
62	100		
98	10.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 19.054 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

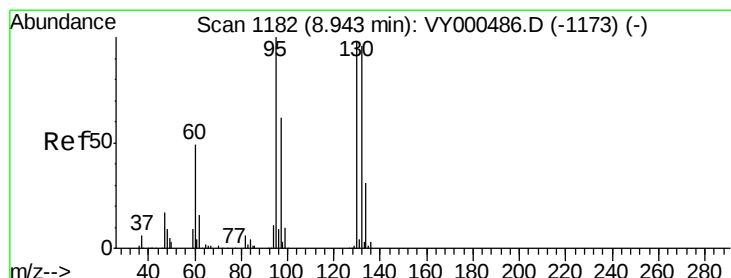
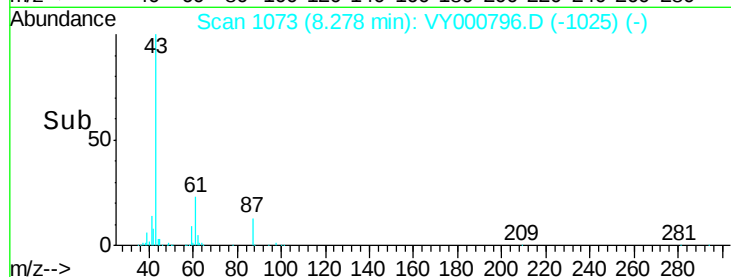
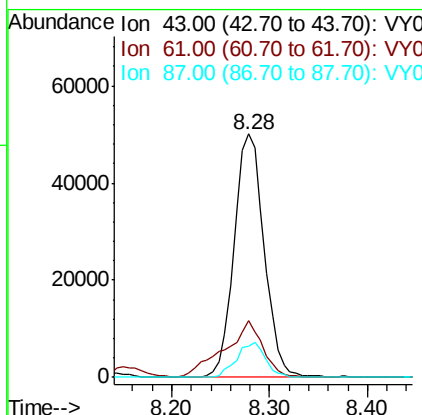
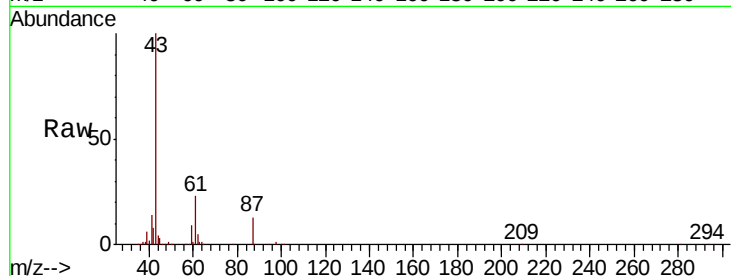
ClientSampleId :

VY1126SBS01

Tot Ion:	43	Resp:	107109
Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.0	34.4
87	13.7	10.5	15.7

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#44

Trichloroethene

Concen: 20.367 ug/l

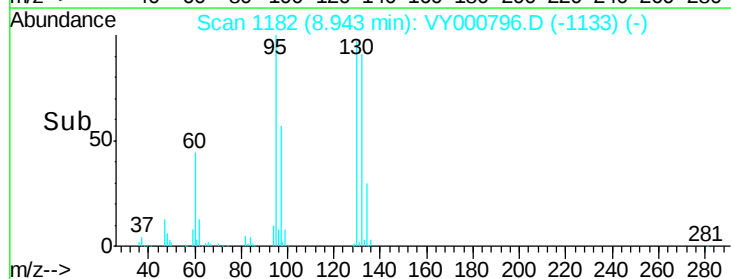
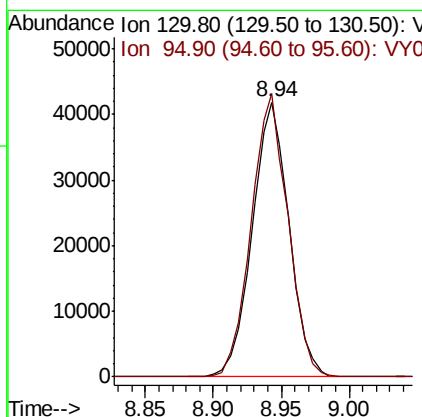
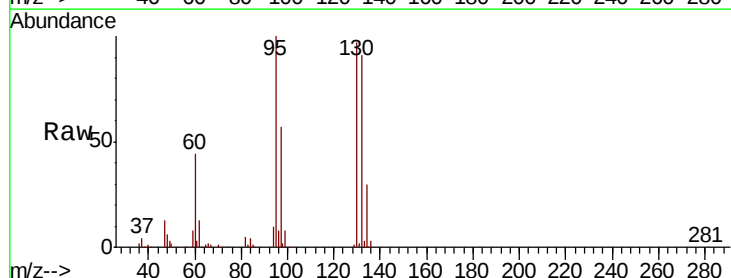
RT: 8.94 min Scan# 1182

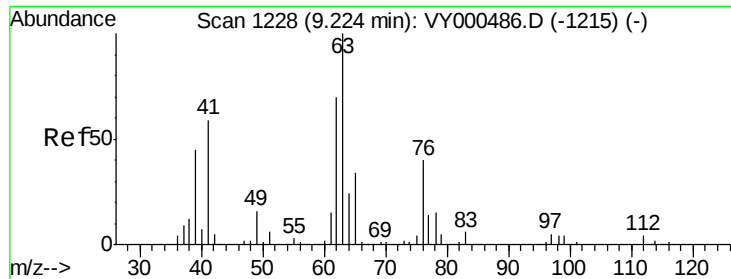
Delta R.T. -0.00 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Tgt Ion:	130	Resp:	79352
Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	203.2





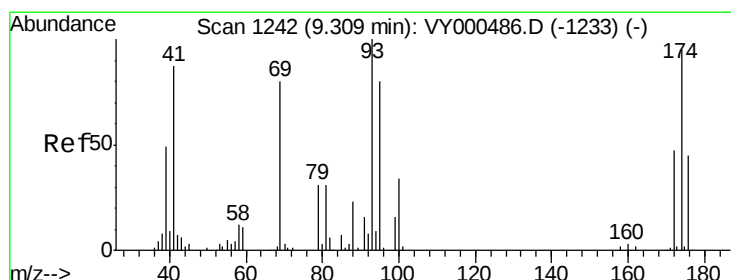
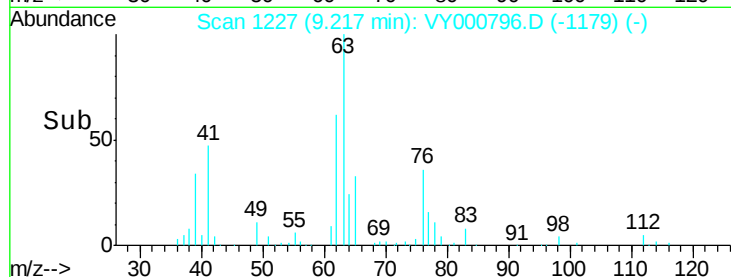
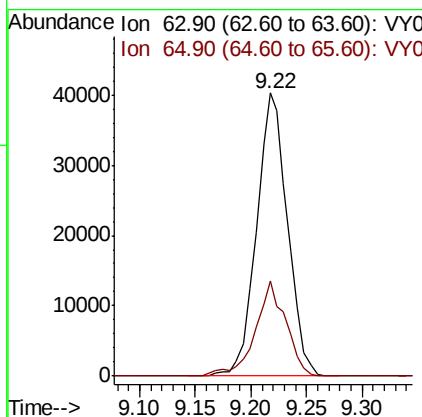
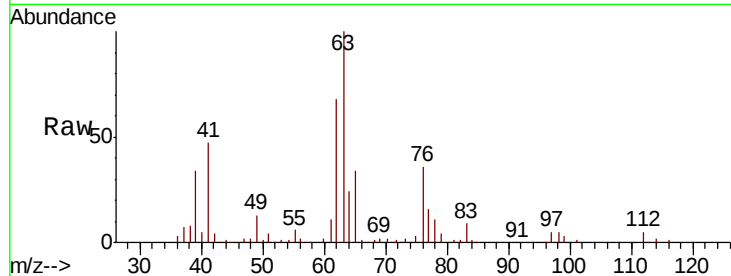
#45
 1,2-Dichloropropane
 Concen: 21.379 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion: 63 Resp: 77755
 Ion Ratio Lower Upper
 63 100
 65 33.7 27.0 40.4

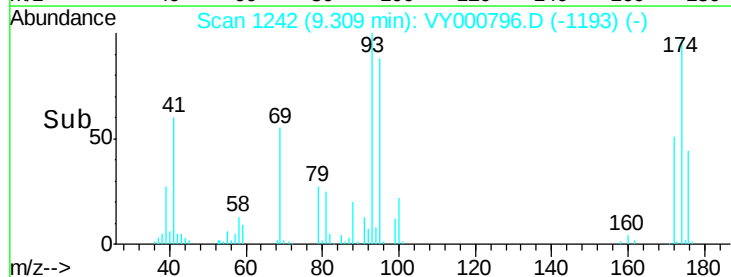
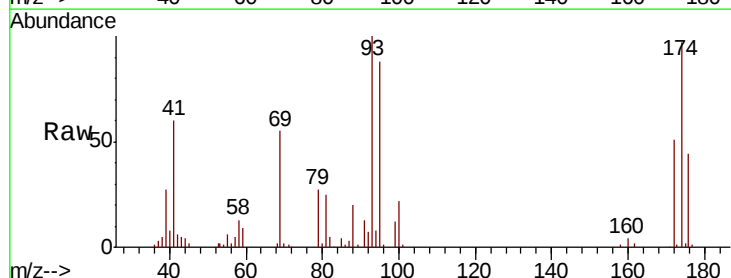
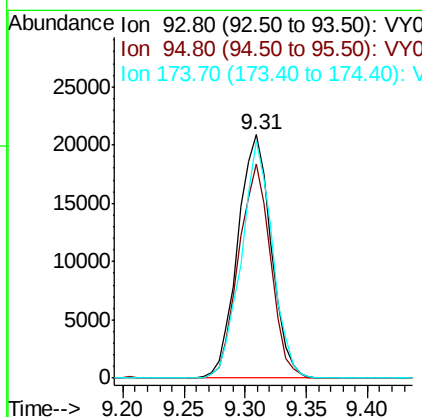
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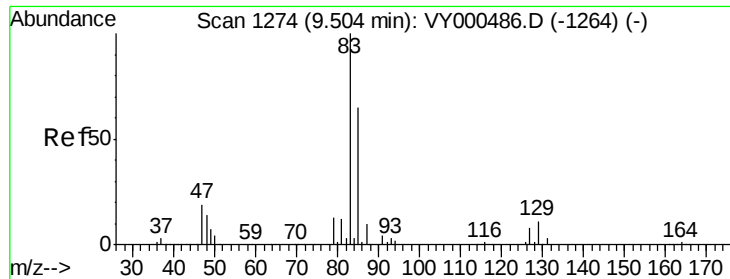
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#46
 Dibromomethane
 Concen: 19.840 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Tgt Ion: 93 Resp: 39684
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.4 99.6
 174 90.8 77.1 115.7





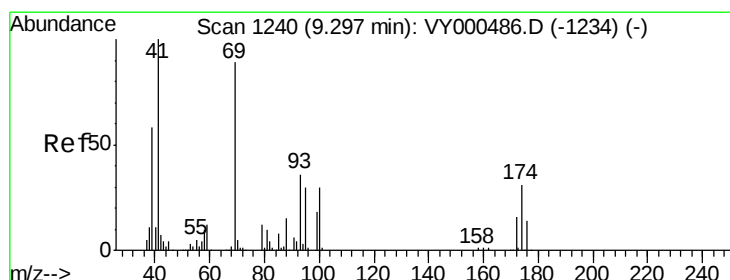
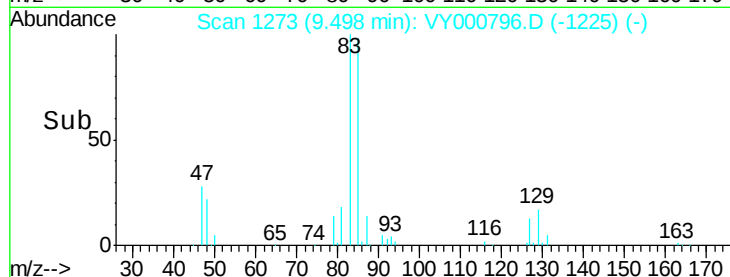
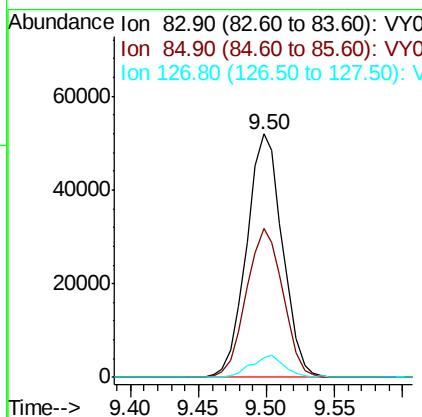
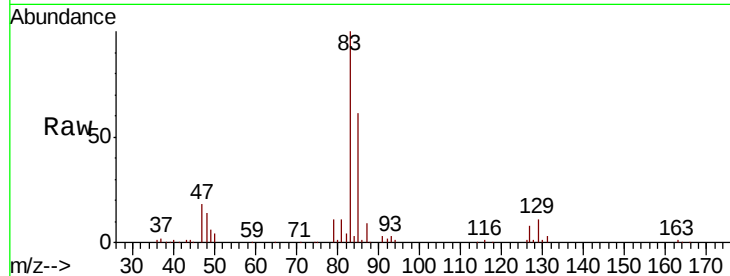
#47
Bromodichloromethane
Concen: 20.243 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	96075		
85	61.3		51.8	77.8
127	8.0		6.7	10.1

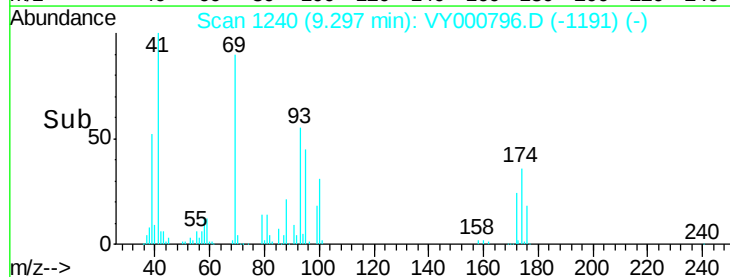
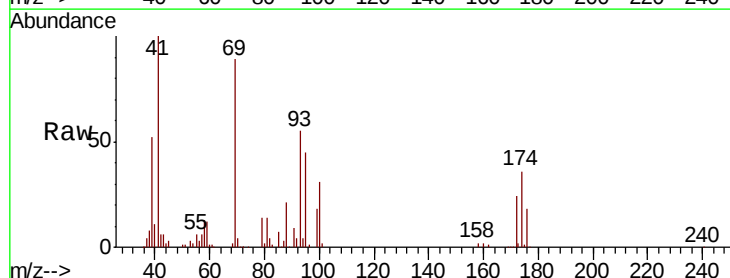
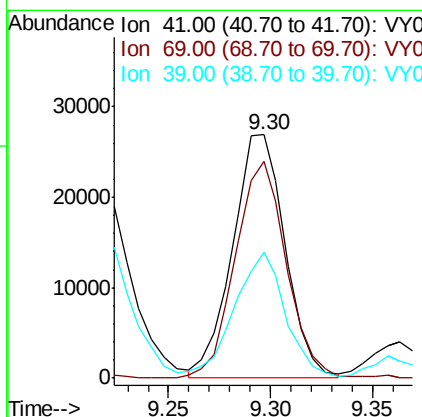
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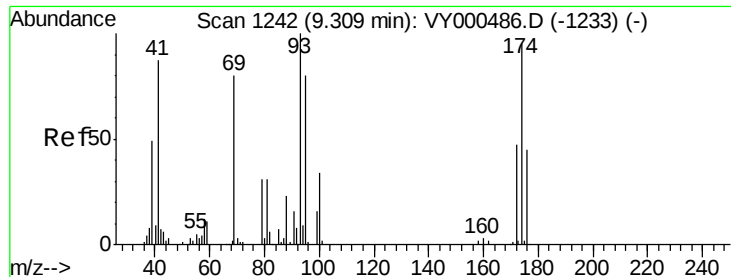
apatel
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#48
Methyl methacrylate
Concen: 19.609 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	48162		
69	86.4		72.5	108.7
39	50.7		47.8	71.8





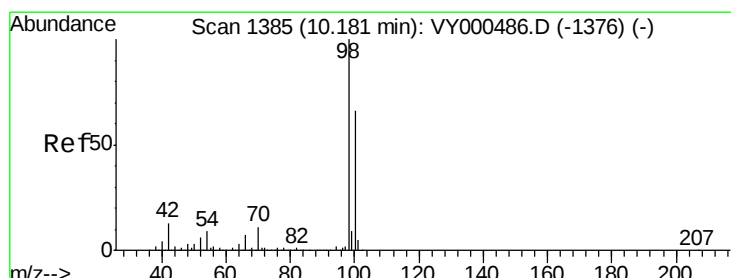
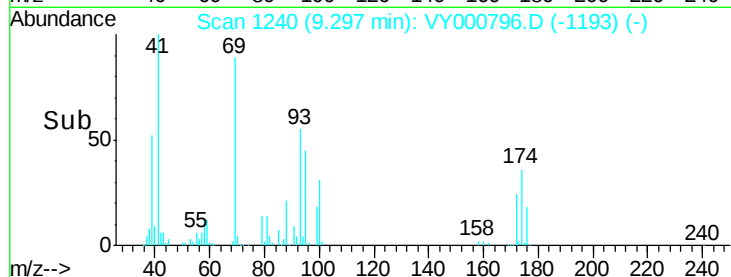
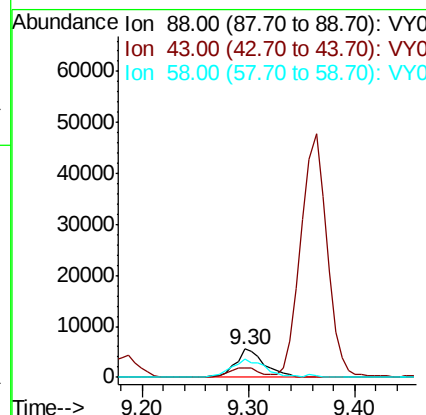
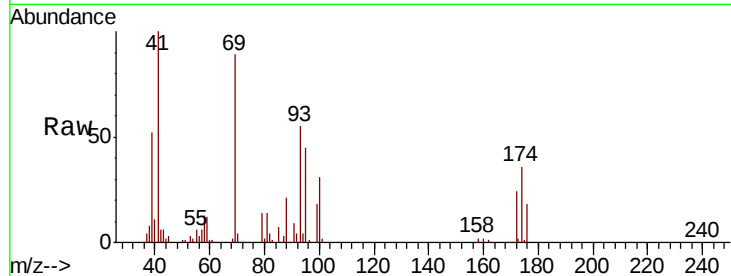
#49
1,4-Dioxane
Concen: 400.643 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	88	Resp	10785
Ion Ratio	Lower	Upper	
88	100		
43	33.7	25.1	37.7
58	74.5	50.6	75.8

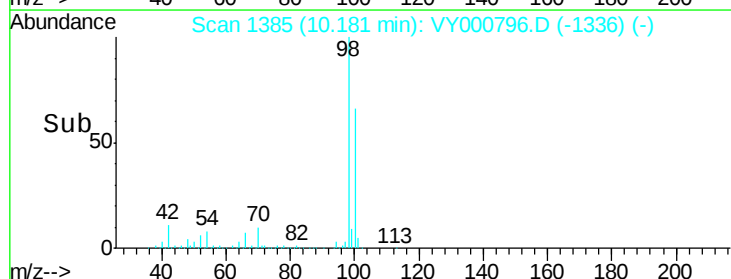
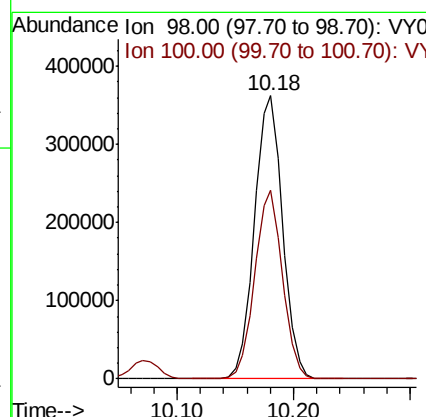
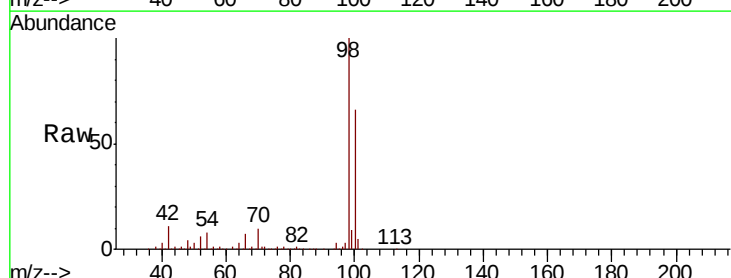
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#50
Toluene-d8
Concen: 51.281 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion	98	Resp	609061
Ion Ratio	Lower	Upper	
98	100		
100	65.5	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 90.960 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion: 43 Resp: 271856

Ion Ratio Lower Upper

43 100

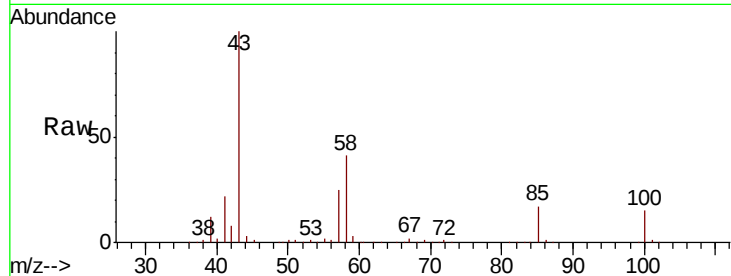
58 40.0 30.2 45.4

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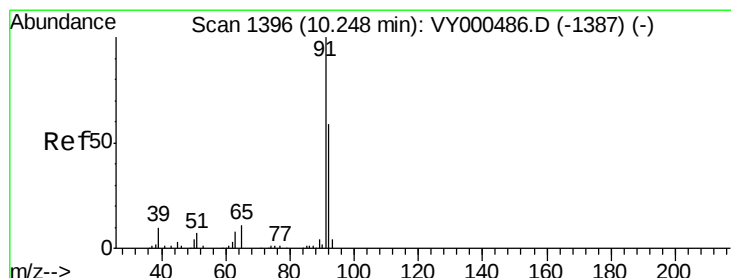
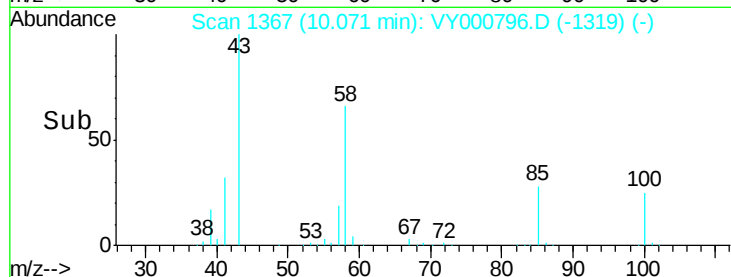
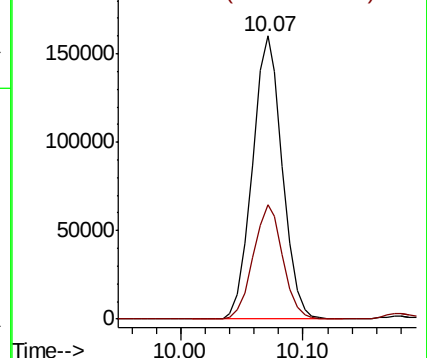
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.756 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000796.D

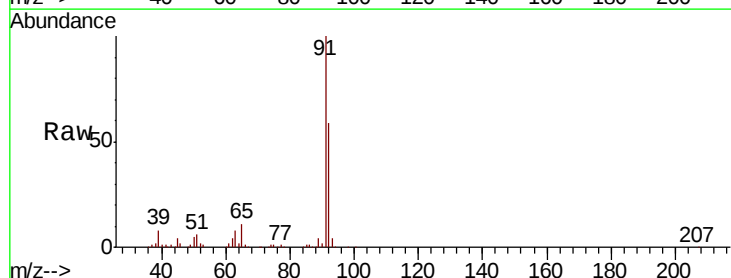
Acq: 26 Nov 2019 12:21

Tgt Ion: 92 Resp: 193910

Ion Ratio Lower Upper

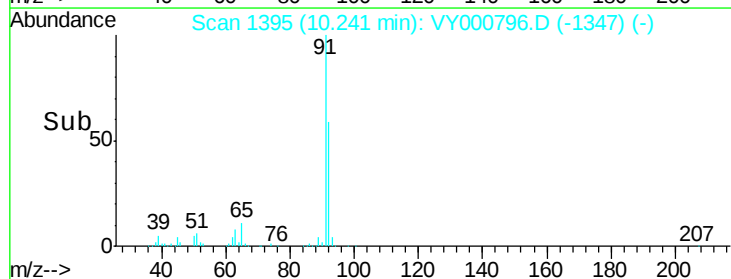
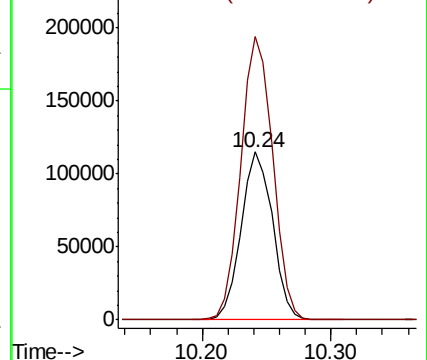
92 100

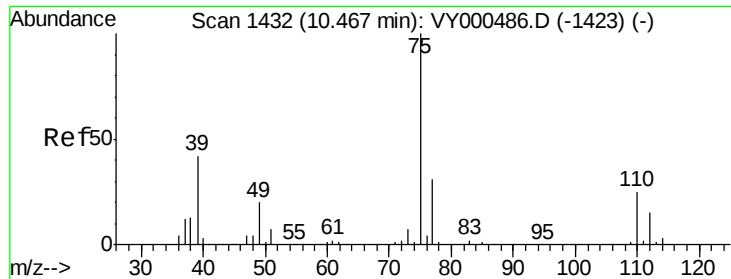
91 171.7 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





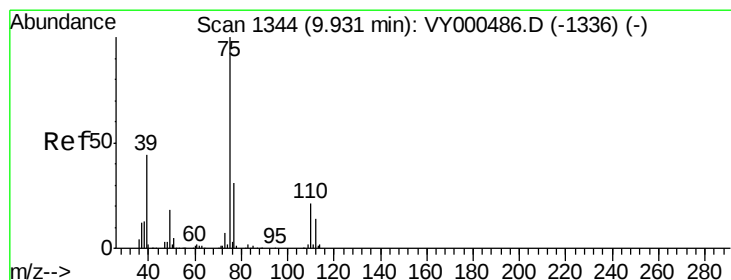
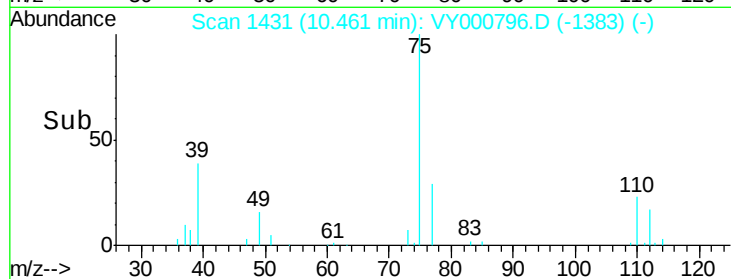
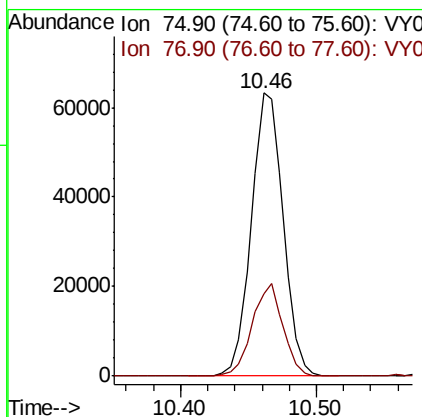
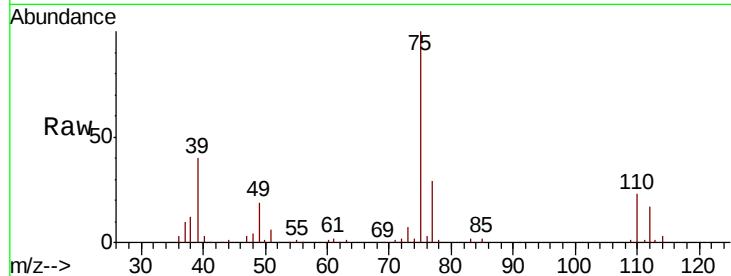
#53
 t-1,3-Dichloropropene
 Concen: 20.477 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion: 75 Resp: 103842
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.6 37.0

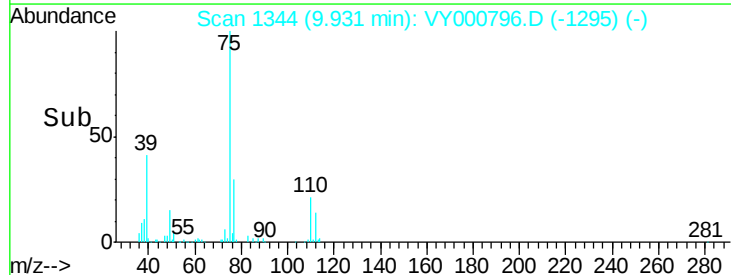
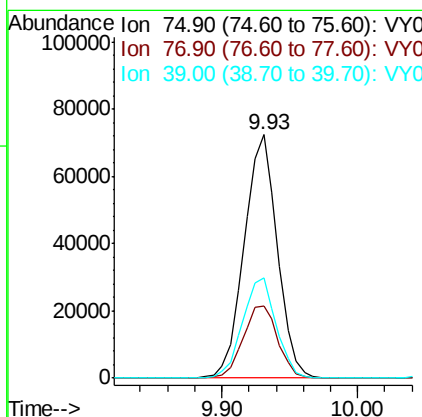
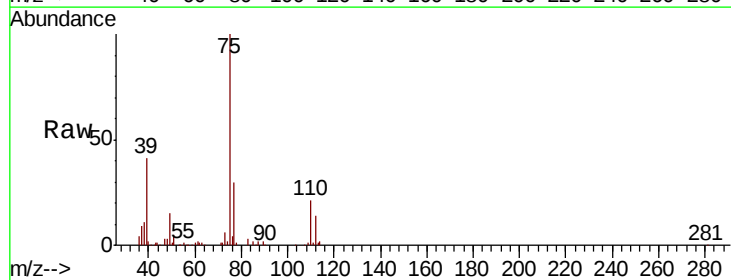
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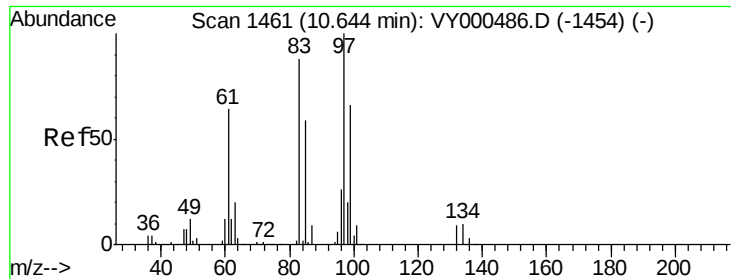
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#54
 cis-1,3-Dichloropropene
 Concen: 21.217 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Tgt Ion: 75 Resp: 123256
 Ion Ratio Lower Upper
 75 100
 77 29.7 24.5 36.7
 39 41.1 35.4 53.2





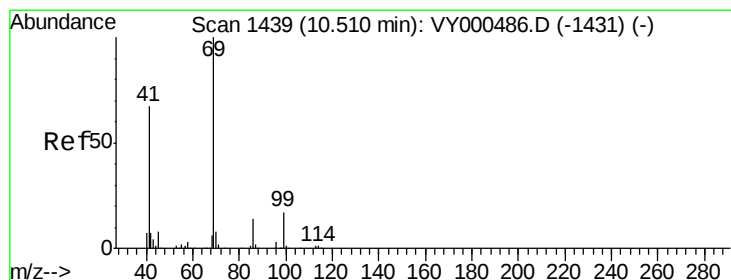
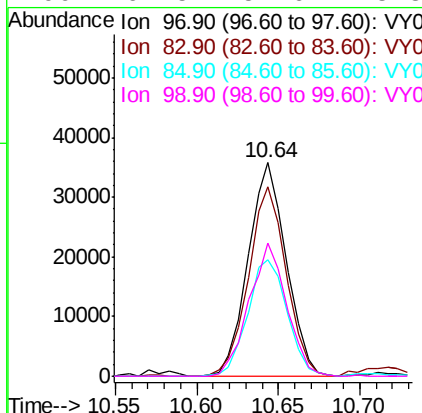
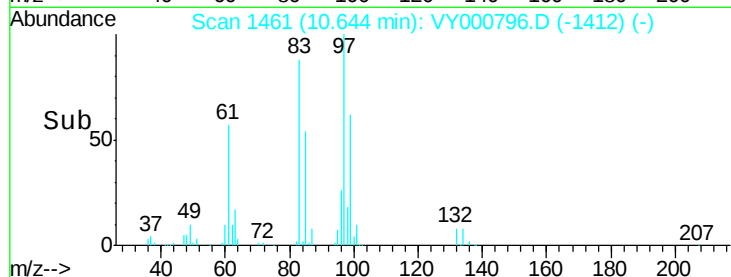
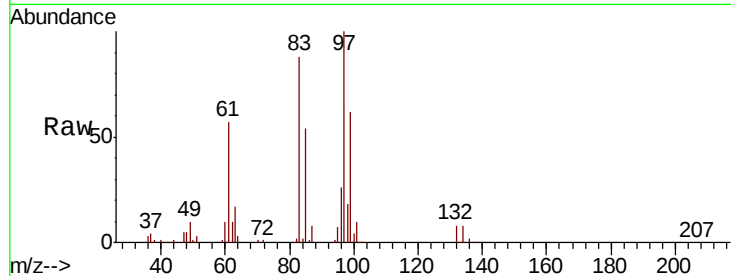
#55
 1,1,2-Trichloroethane
 Concen: 20.077 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion:	97	Resp:	58084
Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.2	105.4
85	54.4	46.9	70.3
99	62.5	52.6	78.8

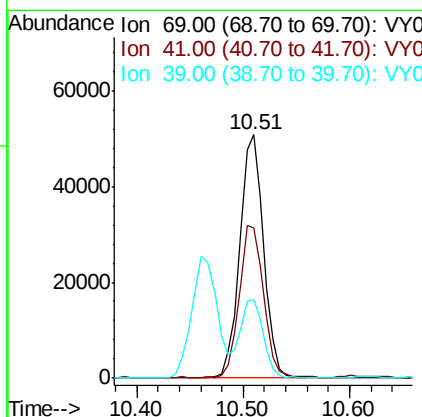
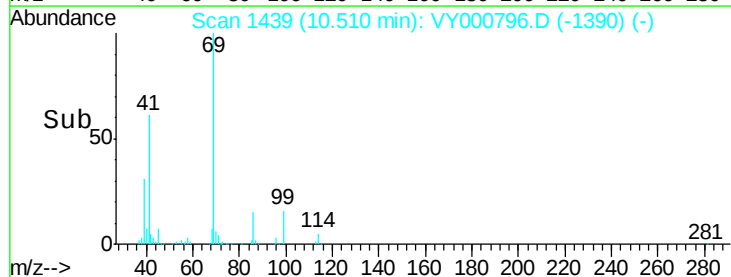
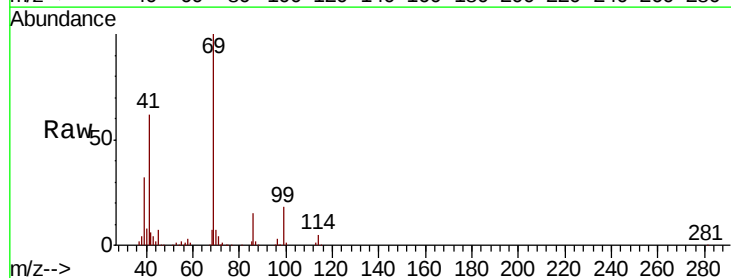
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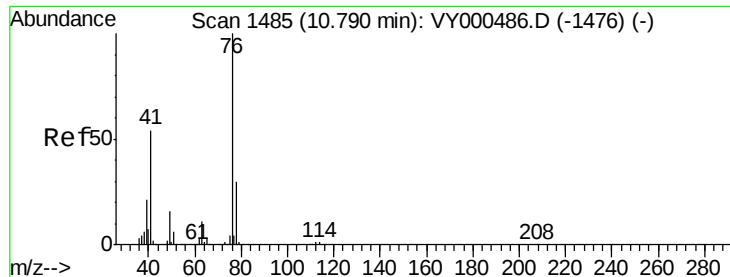
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#56
 Ethyl methacrylate
 Concen: 19.515 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Tgt Ion:	69	Resp:	80020
Ion	Ratio	Lower	Upper
69	100		
41	63.5	53.3	79.9
39	32.2	28.0	42.0





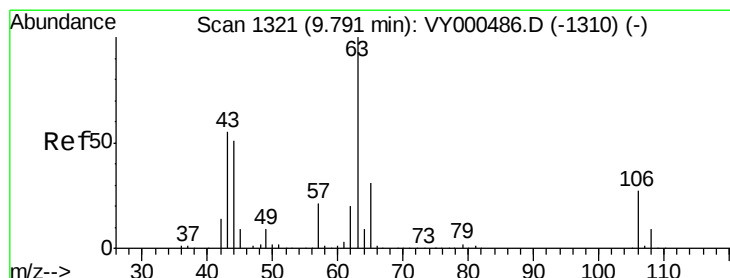
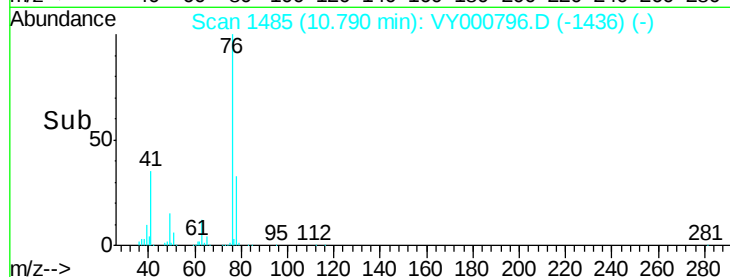
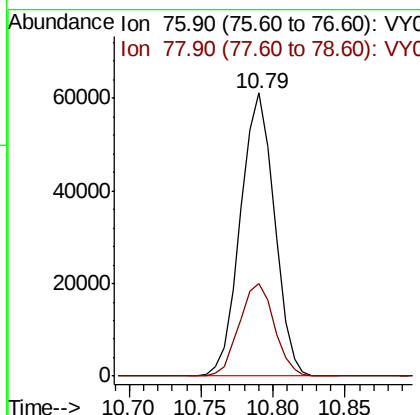
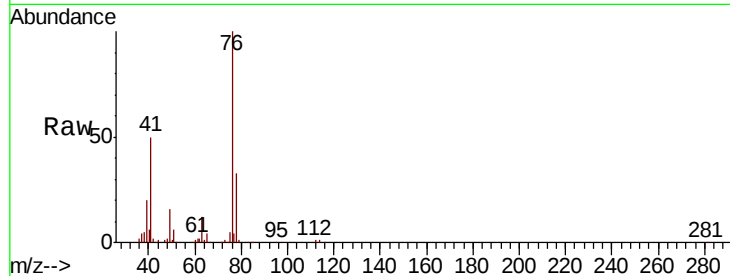
#57
 1,3-Dichloropropane
 Concen: 19.799 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.7	25.2	37.8

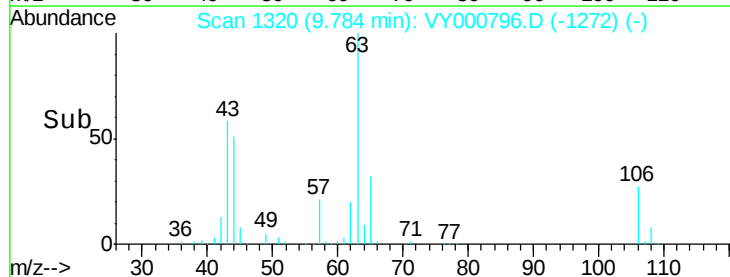
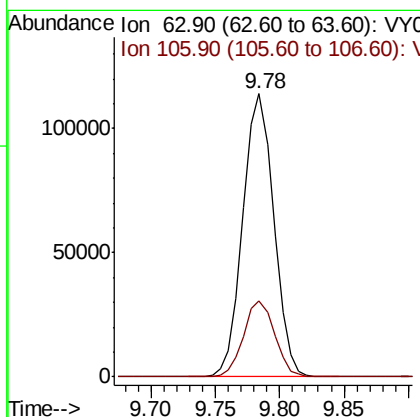
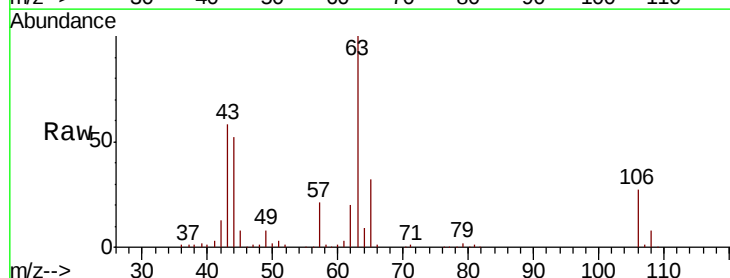
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#58
 2-Chloroethyl Vinyl ether
 Concen: 102.245 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	22.6	33.8





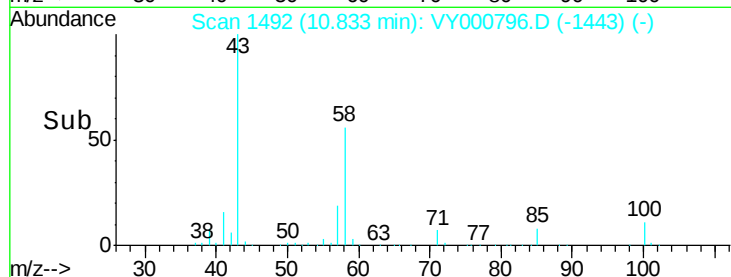
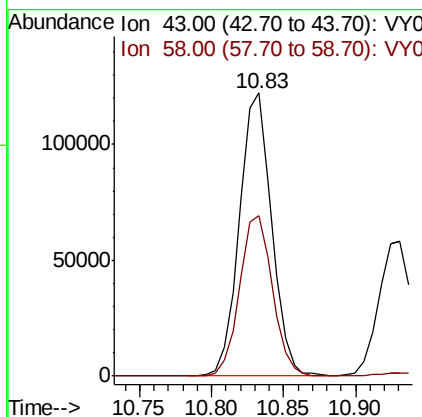
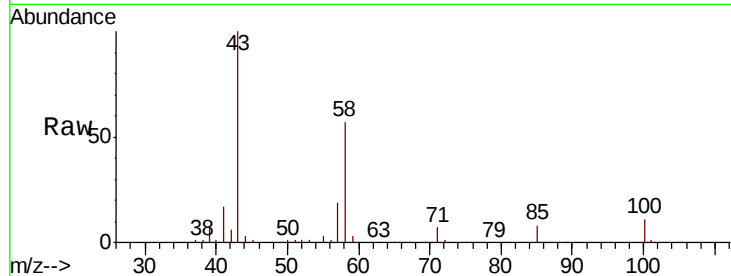
#59
2-Hexanone
Concen: 87.019 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion: 43 Resp: 189490
Ion Ratio Lower Upper
43 100
58 57.8 27.1 81.3

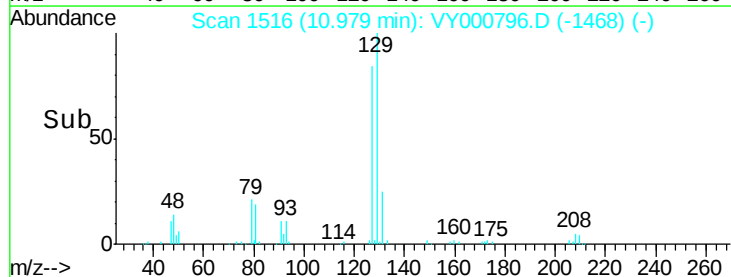
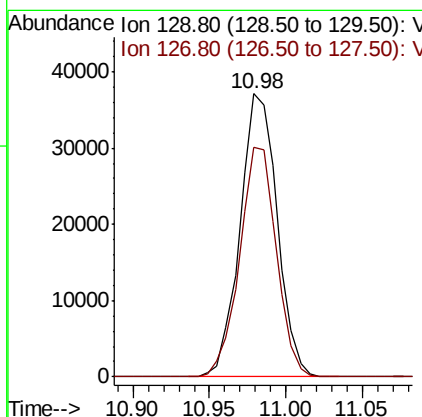
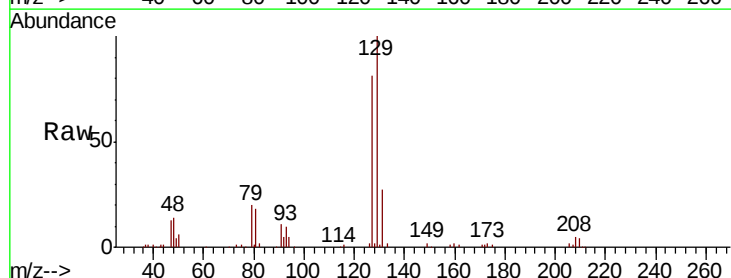
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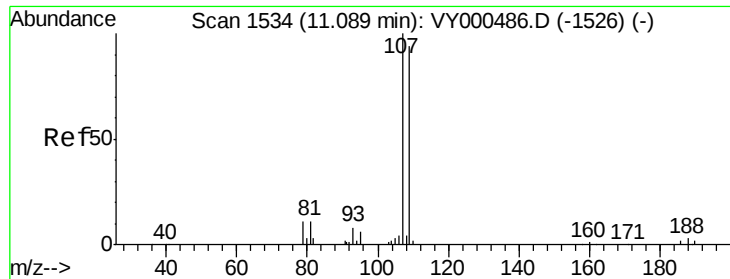
apatel
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#60
Dibromochloromethane
Concen: 18.960 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion: 129 Resp: 62829
Ion Ratio Lower Upper
129 100
127 80.0 39.1 117.2





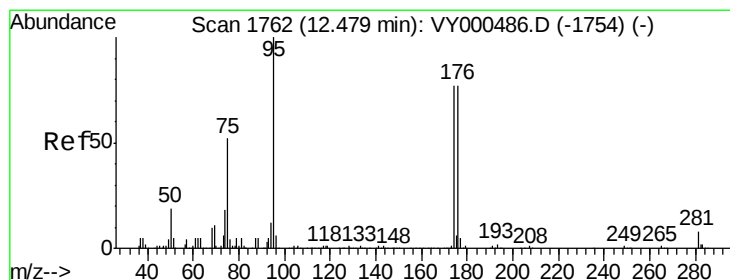
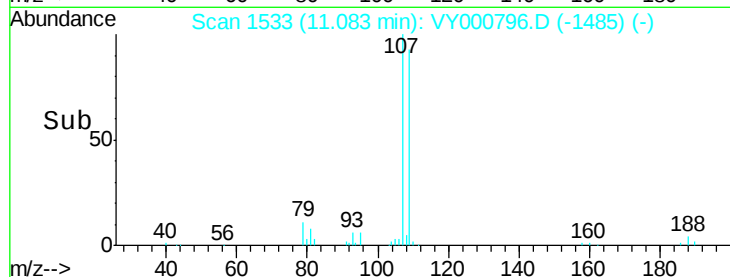
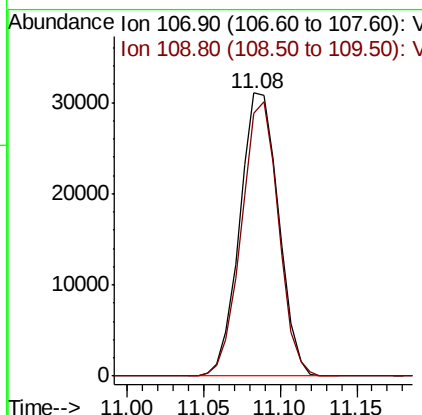
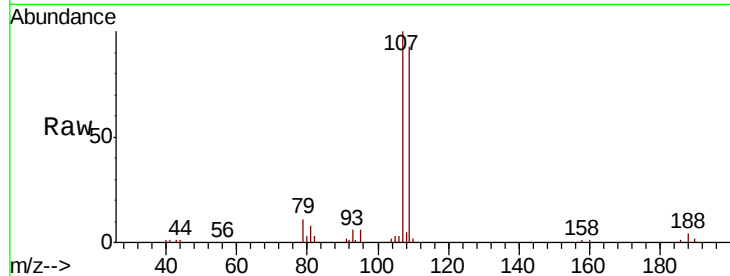
#61
 1,2-Dibromoethane
 Concen: 19.688 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	73.6	110.4

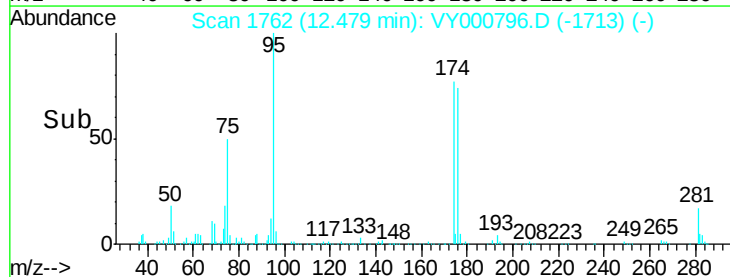
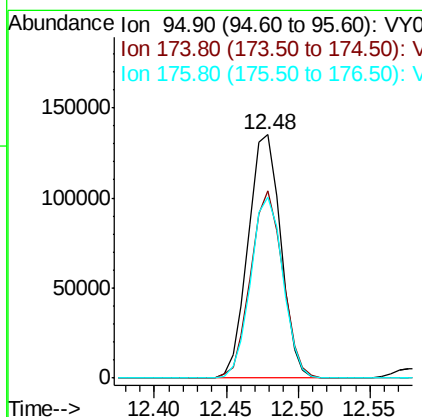
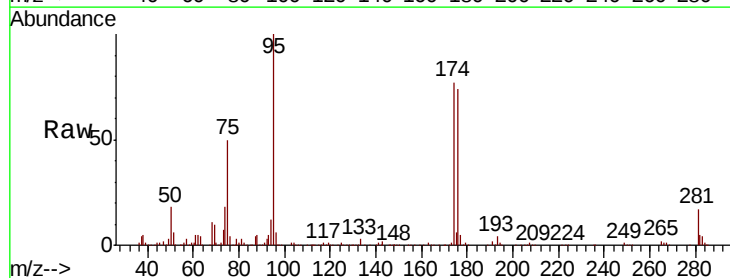
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#62
 4-Bromofluorobenzene
 Concen: 46.727 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	161.6
176	73.5	0.0	157.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

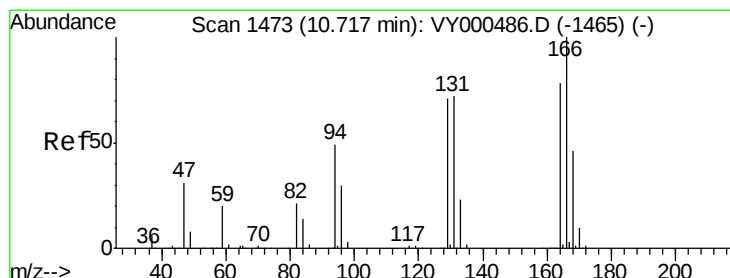
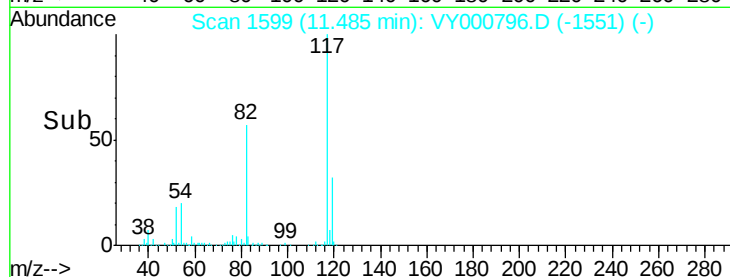
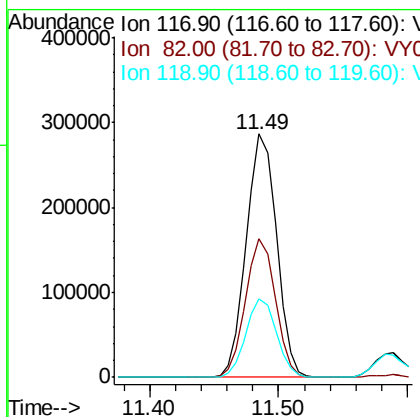
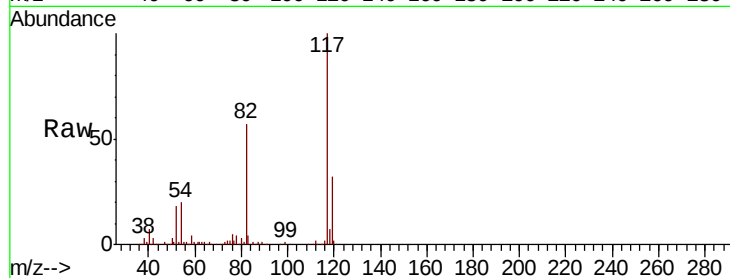
ClientSampleId :

VY1126SBS01

Tot Ion:	117	Resp:	466262
Ion Ratio		Lower	Upper
117	100		
82	56.7	40.8	61.2
119	32.2	26.2	39.2

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#64

Tetrachloroethene

Concen: 21.930 ug/l

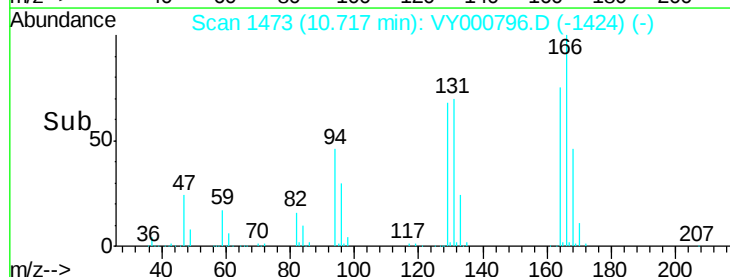
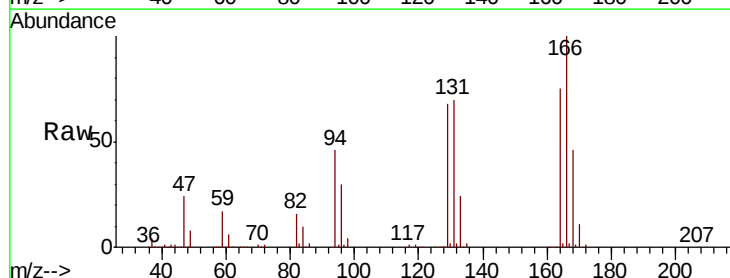
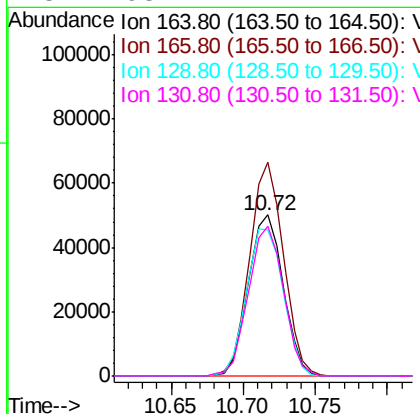
RT: 10.72 min Scan# 1473

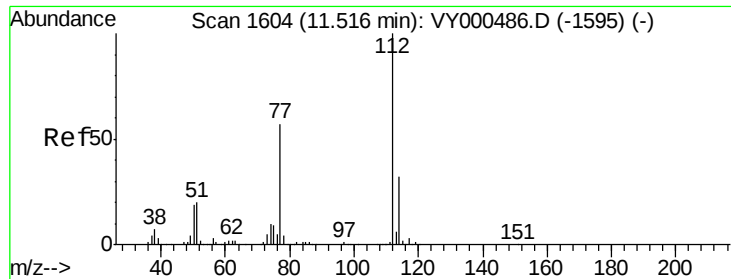
Delta R.T. -0.00 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Tgt Ion:	164	Resp:	84551
Ion Ratio		Lower	Upper
164	100		
166	132.9	102.7	154.1
129	90.8	73.2	109.8
131	93.2	74.2	111.2





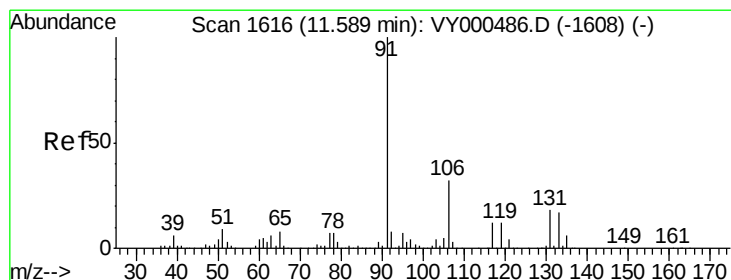
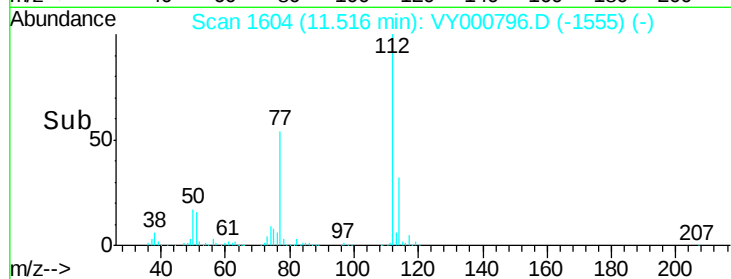
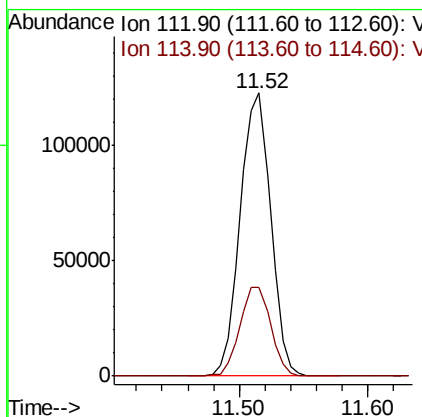
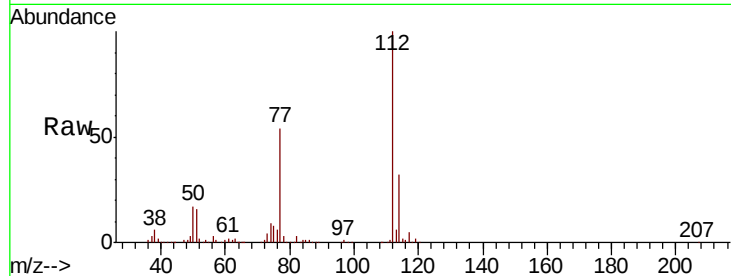
#65
Chlorobenzene
Concen: 21.248 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.3	37.9

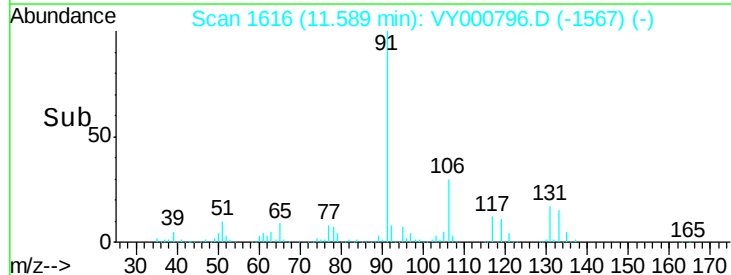
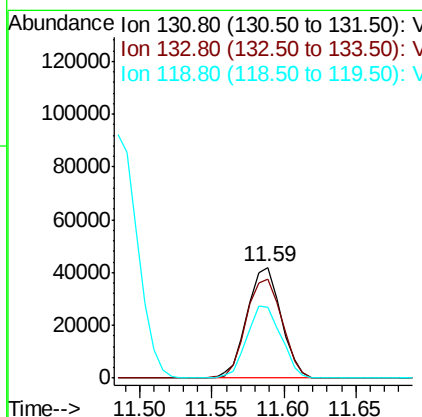
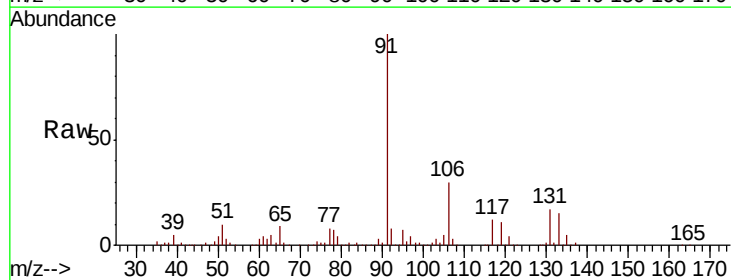
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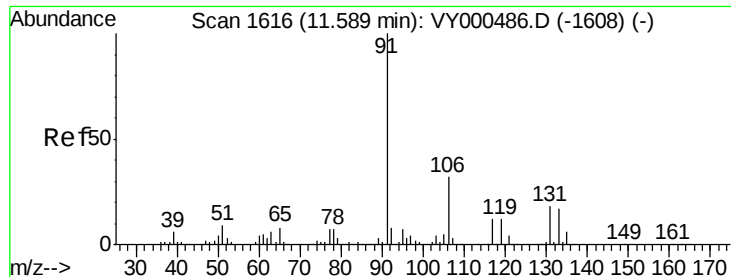
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.033 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.6	47.9	143.8
119	65.1	33.1	99.3





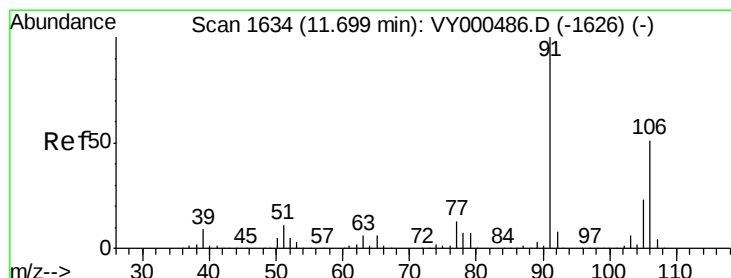
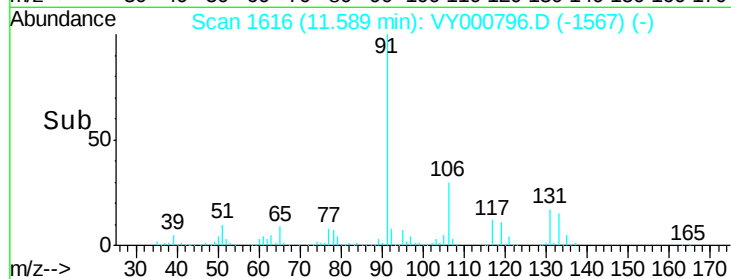
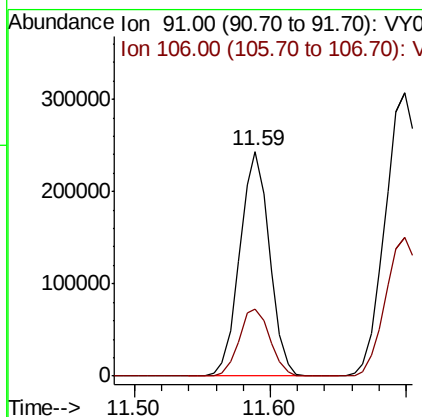
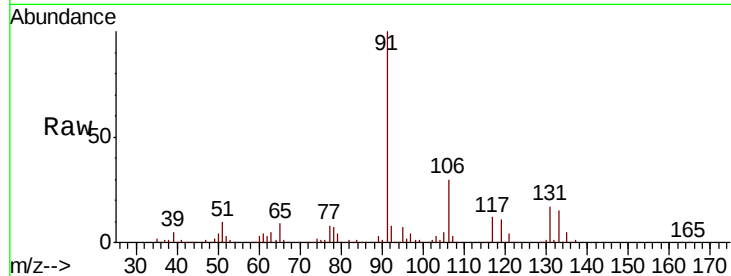
#67
Ethyl Benzene
Concen: 21.361 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion: 91 Resp: 371643
Ion Ratio Lower Upper
91 100
106 30.0 25.4 38.0

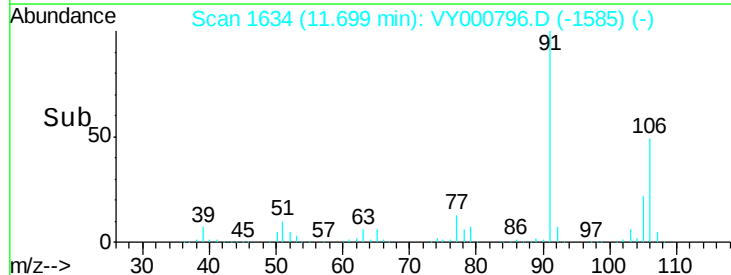
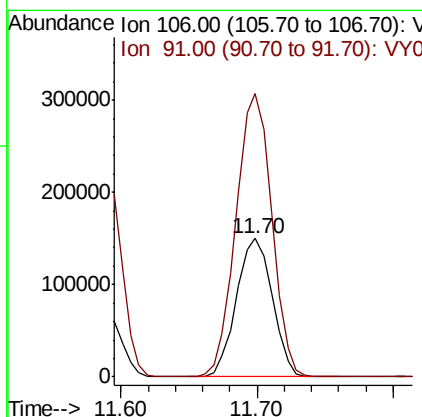
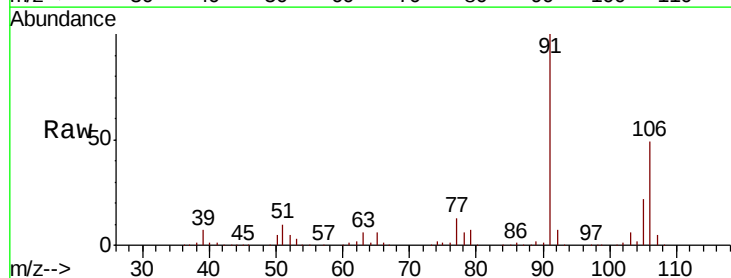
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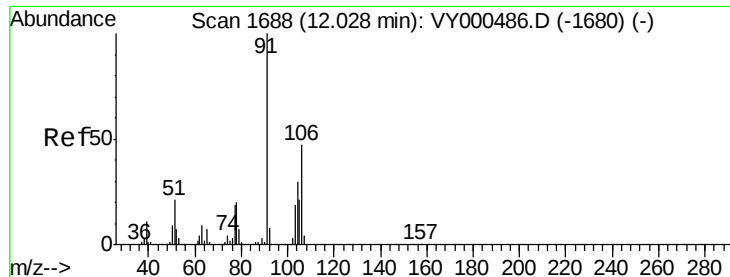
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#68
m/p-Xylenes
Concen: 41.214 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion: 106 Resp: 277526
Ion Ratio Lower Upper
106 100
91 203.6 155.9 233.9





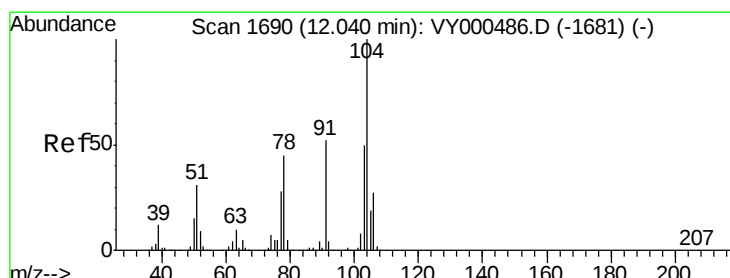
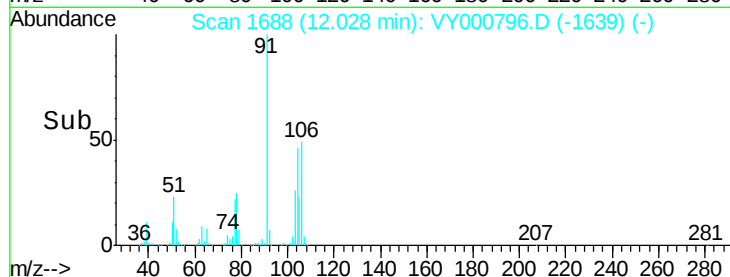
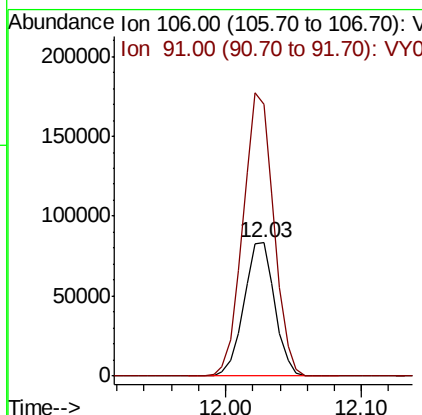
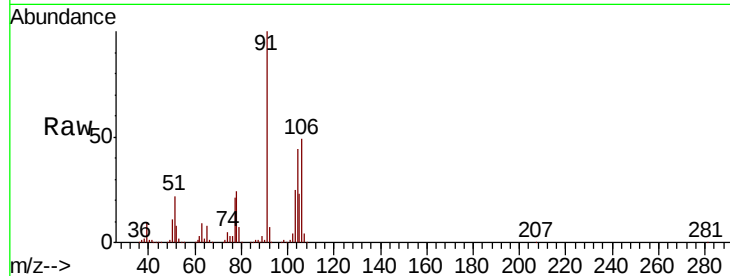
#69
o-Xylene
Concen: 20.928 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	211.3	106.5	132443	319.6	

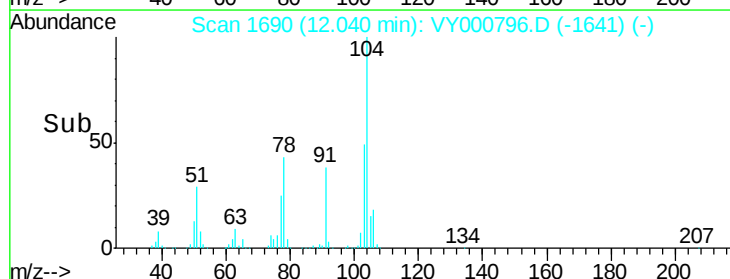
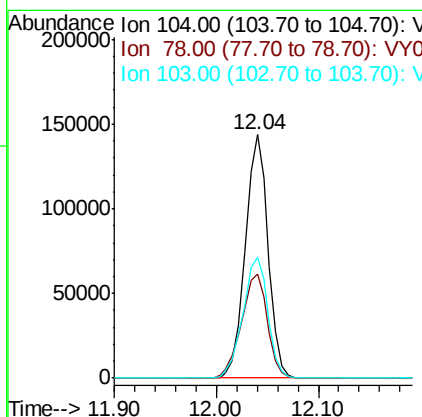
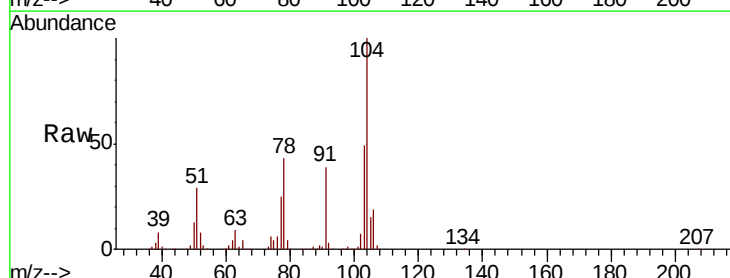
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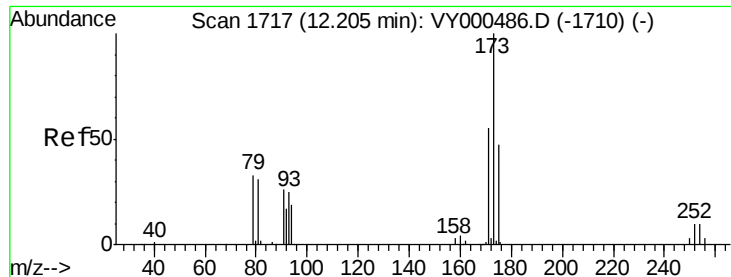
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#70
Styrene
Concen: 20.500 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.8	39.0	222161	58.4	
103	54.4	42.5		63.7	





#71

Bromoform

Concen: 19.586 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

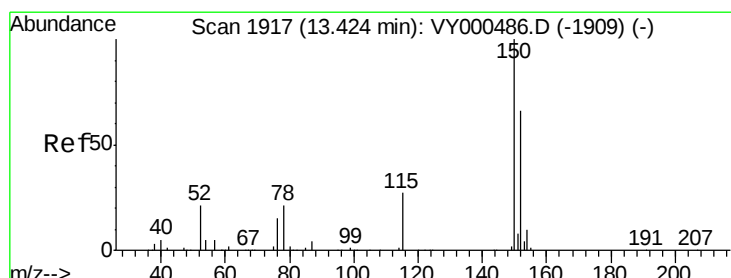
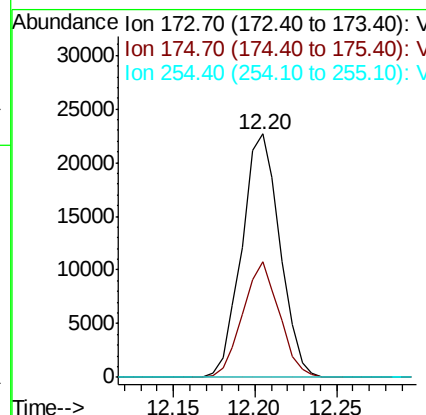
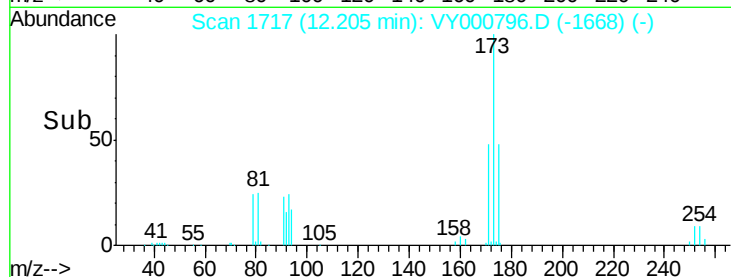
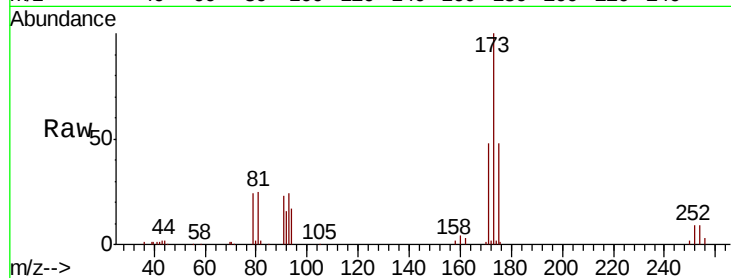
ClientSampleId :

VY1126SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.7	24.4	73.2
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

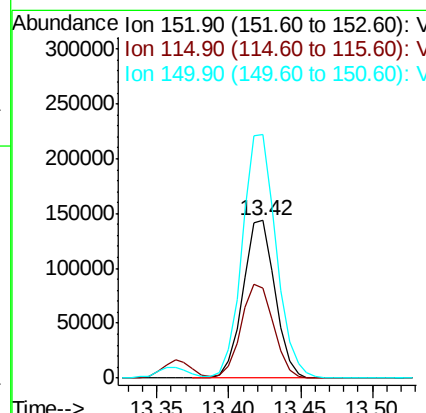
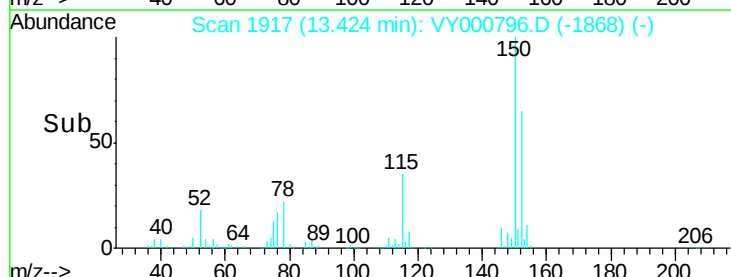
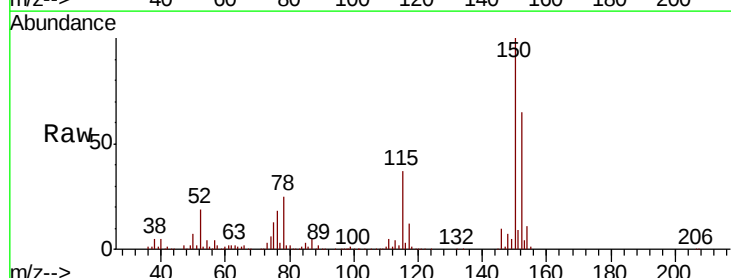
RT: 13.42 min Scan# 1917

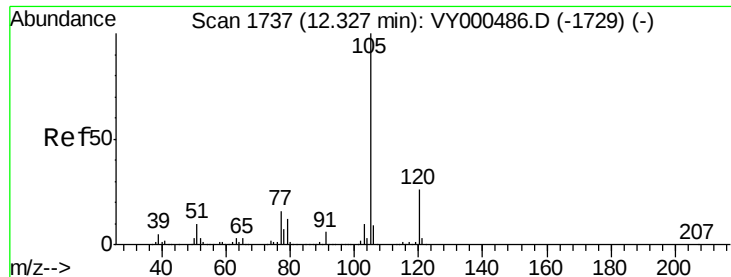
Delta R.T. -0.00 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.1	87.4
150	164.2	0.0	348.8





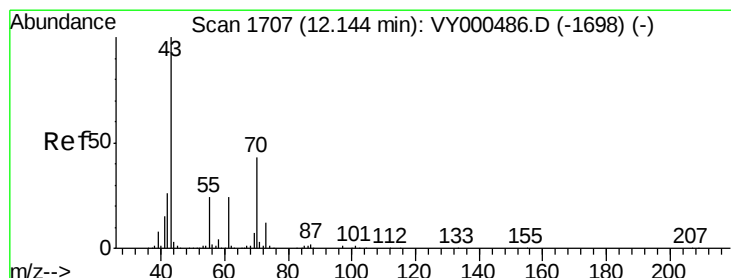
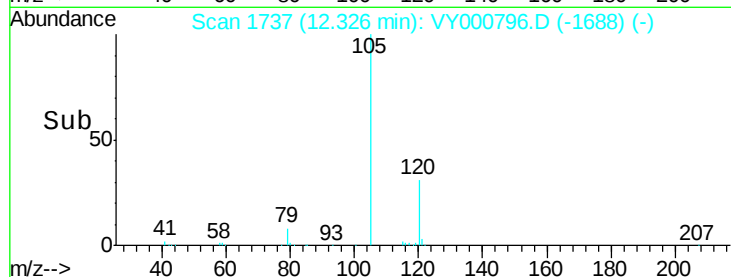
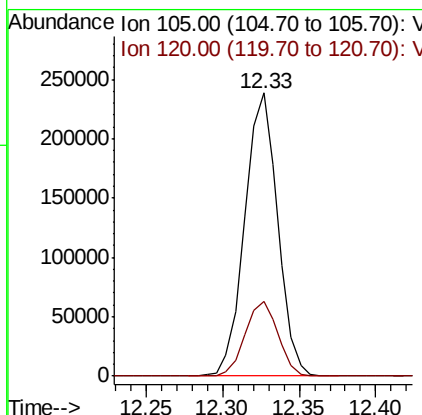
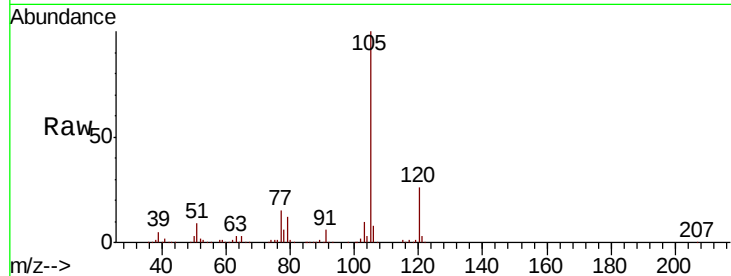
#73
Isopropylbenzene
Concen: 21.856 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.5	40.4

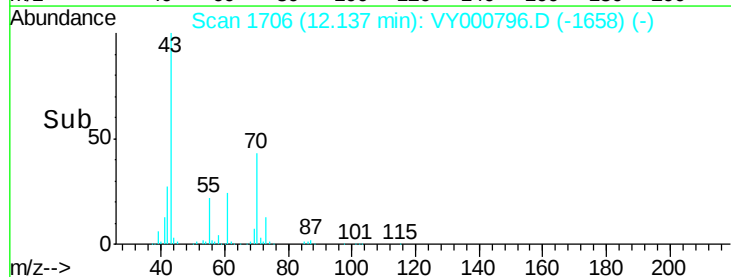
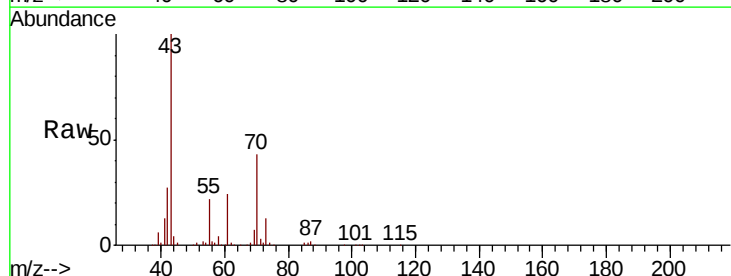
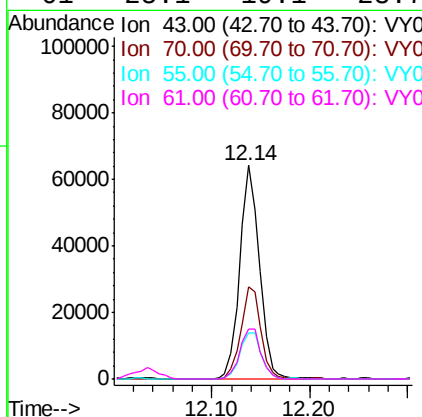
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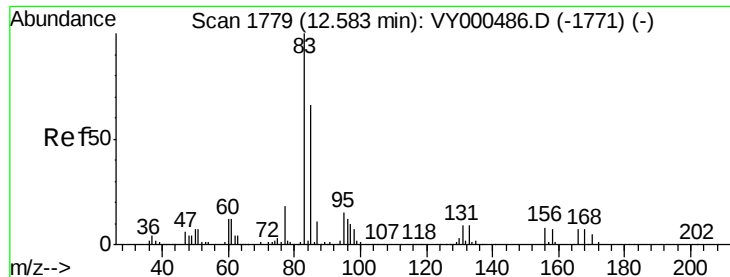
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#74
N-ethyl acetate
Concen: 19.319 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.7	33.1	49.7
55	24.1	18.0	27.0
61	25.1	19.1	28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.888 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

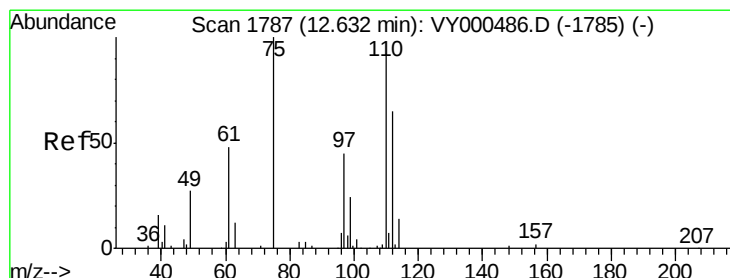
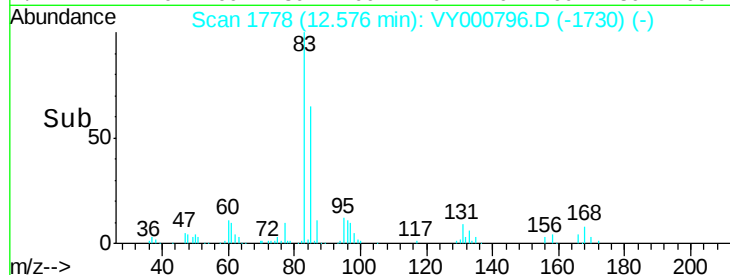
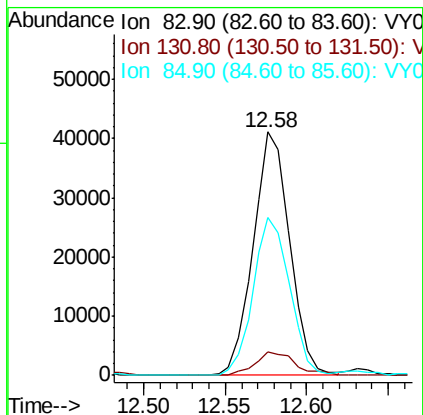
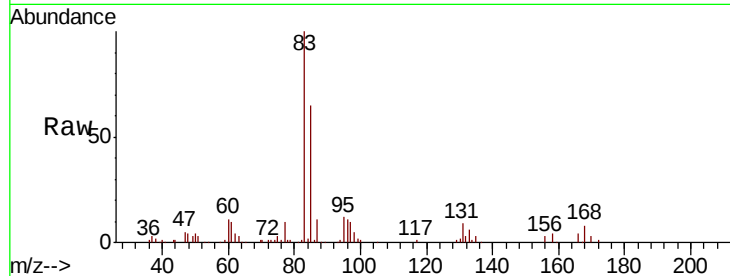
ClientSampleId :

VY1126SBS01

Tot Ion:	83	Resp:	64232
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.0	14.9
85	64.5	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 21.495 ug/l m

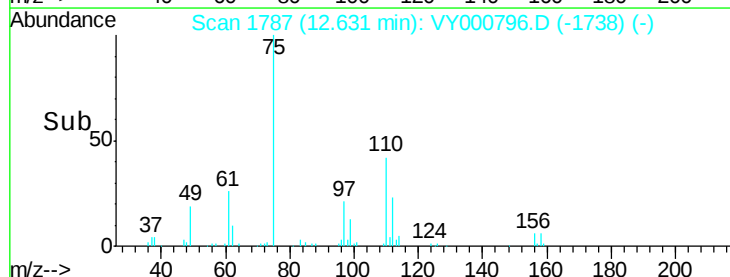
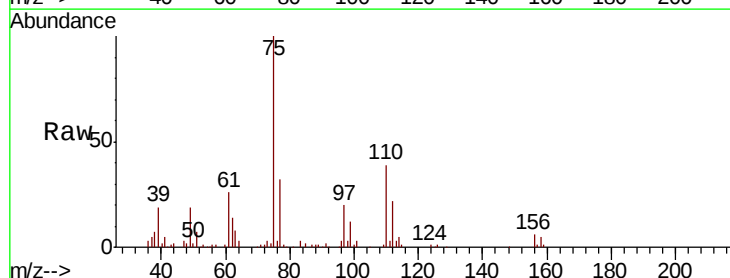
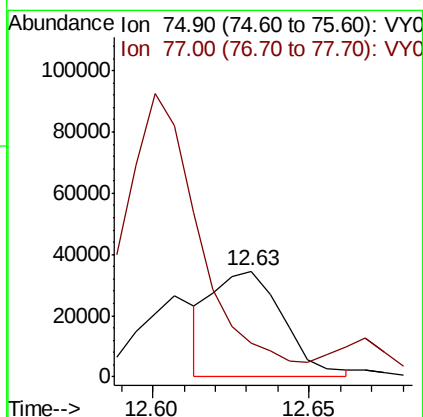
RT: 12.63 min Scan# 1787

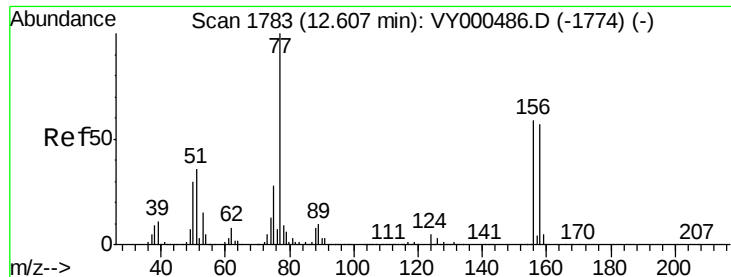
Delta R.T. -0.00 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Tgt Ion:	75	Resp:	54015
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





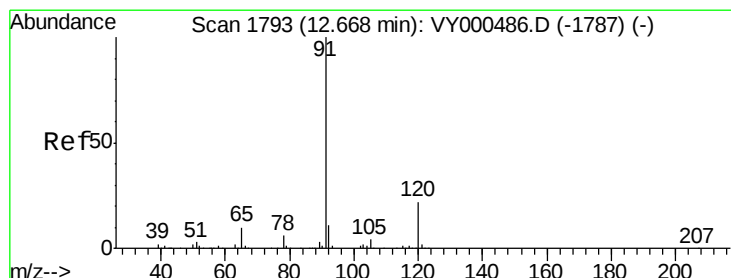
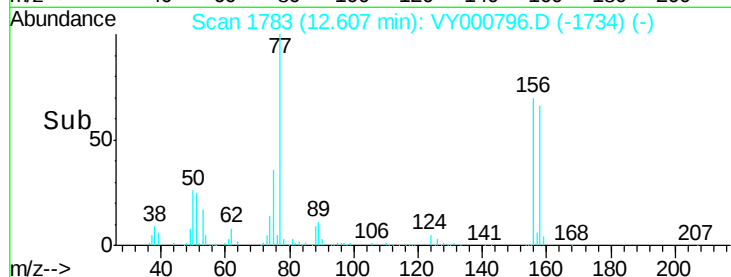
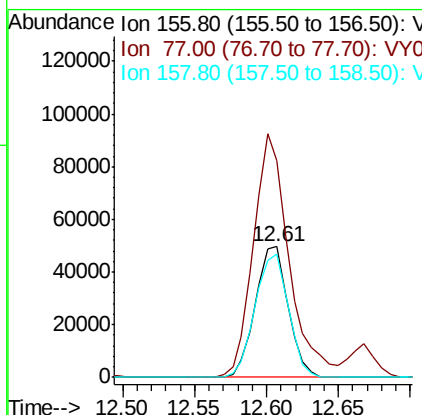
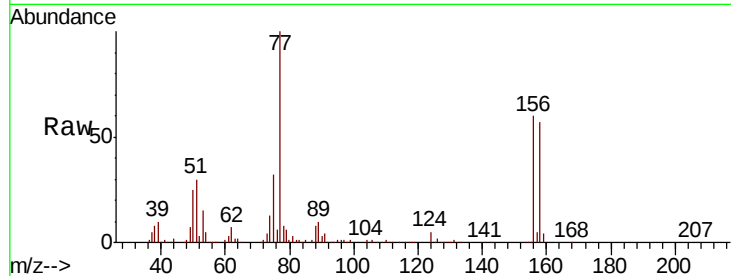
#77
Bromobenzene
Concen: 21.093 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	203.0	98.2	294.4
158	96.1	49.6	149.0

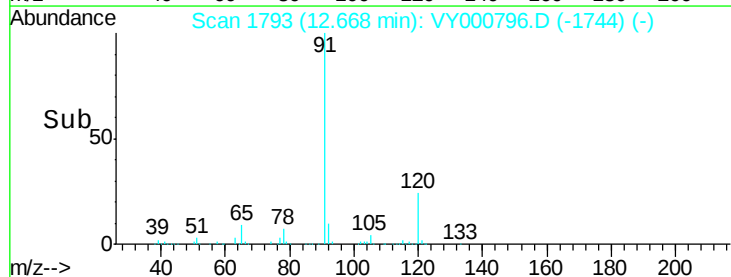
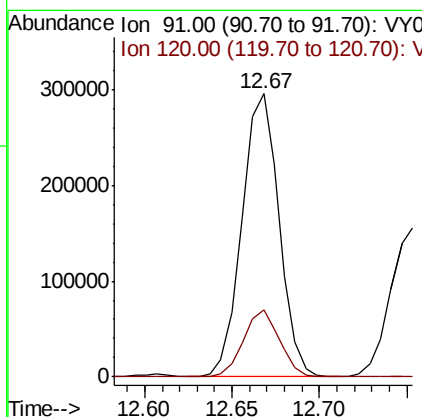
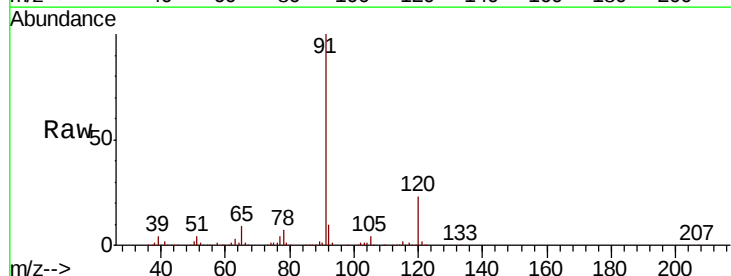
Manual Integrations
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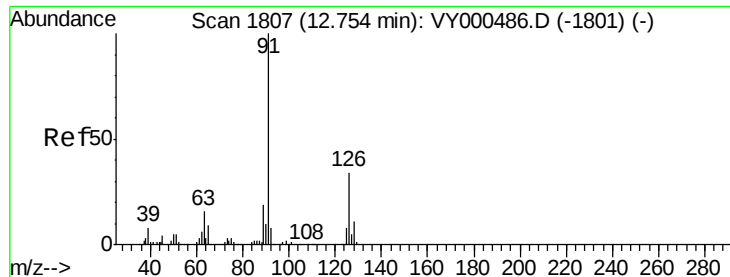
apatel
11/27/2019 5:14:31 PM



#78
n-propylbenzene
Concen: 22.187 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.4	34.1





#79

2-Chlorotoluene

Concen: 21.906 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion: 91 Resp: 239344

Ion Ratio Lower Upper

91 100

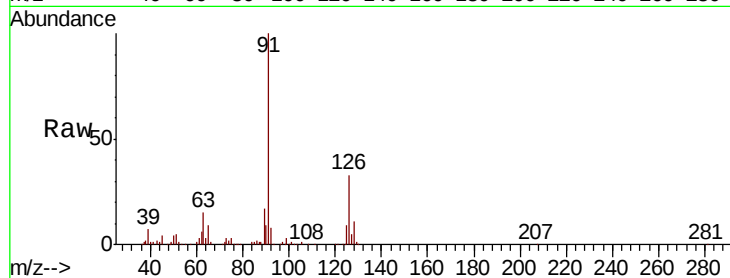
126 32.8 17.7 53.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY000486.D (-1801) (-)

250000

200000

150000

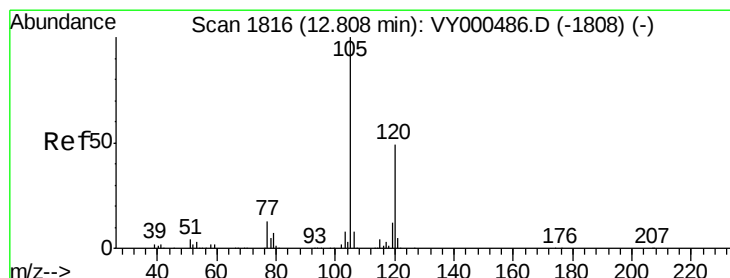
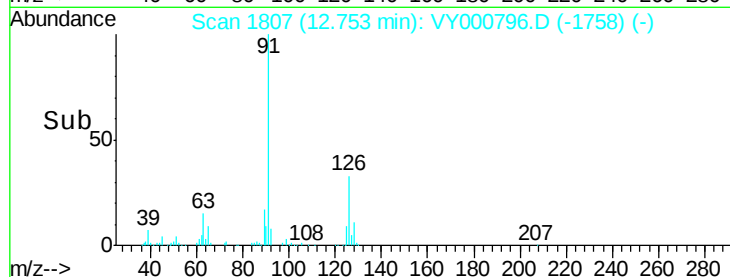
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.002 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000796.D

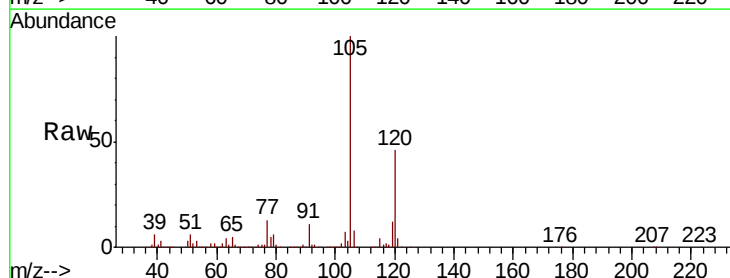
Acq: 26 Nov 2019 12:21

Tgt Ion: 105 Resp: 298888

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000796.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY000796.D (-1767) (-)

250000

200000

150000

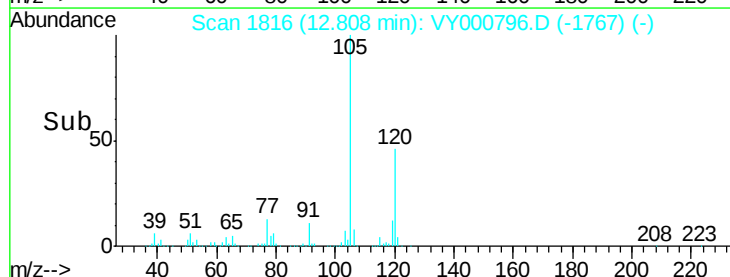
100000

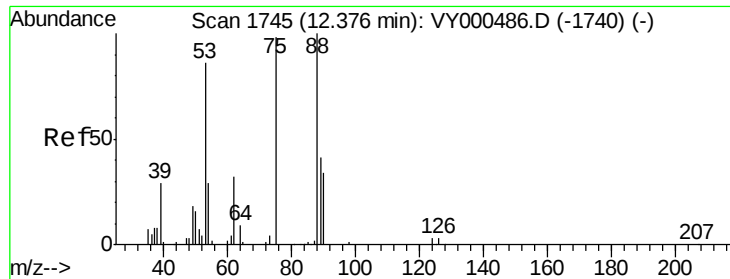
50000

0

12.75 12.80 12.85 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 21.678 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

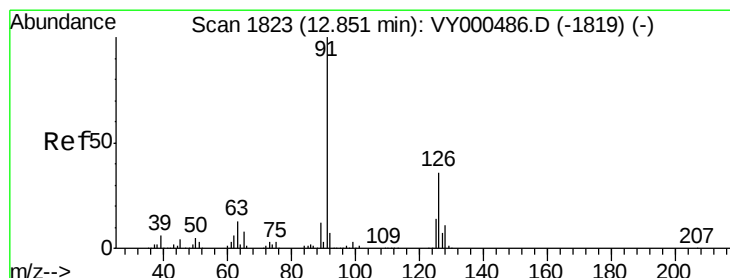
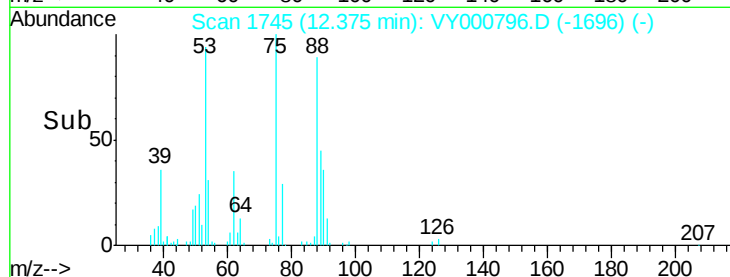
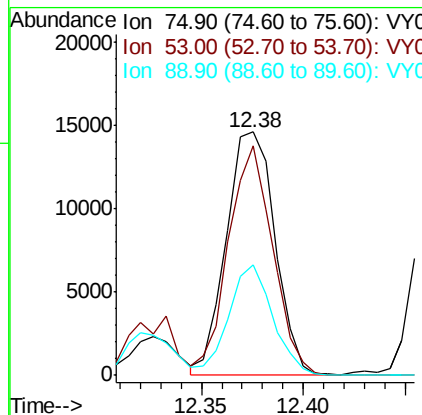
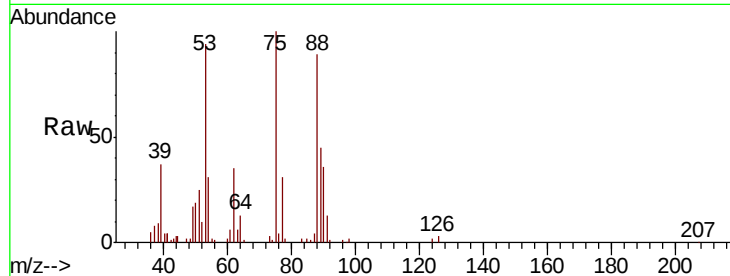
ClientSampleId :

VY1126SBS01

Tot Ion:	75	Resp:	24296
Ion	Ratio	Lower	Upper
75	100		
53	85.9	73.2	109.8
89	40.8	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 22.418 ug/l

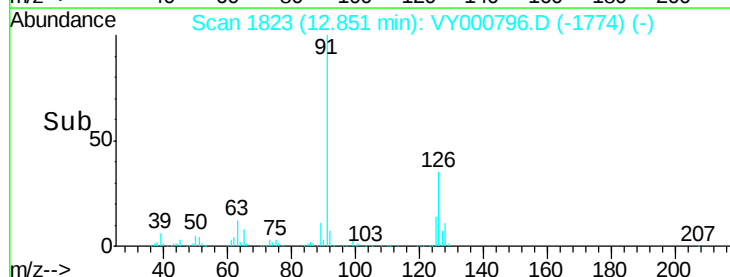
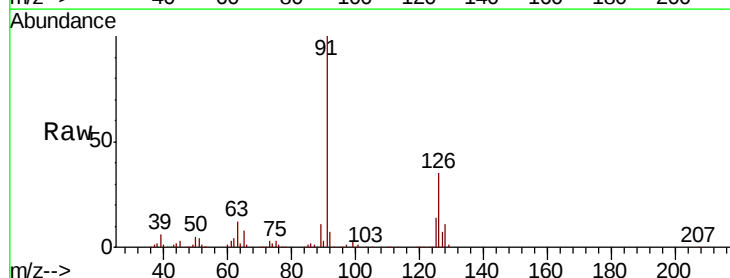
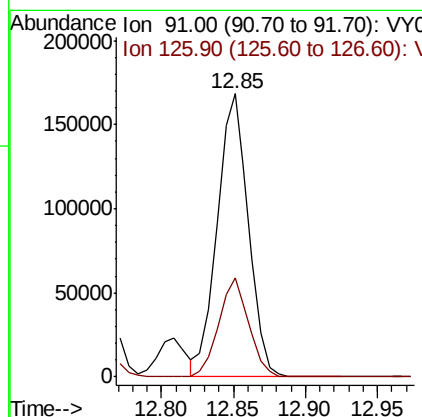
RT: 12.85 min Scan# 1823

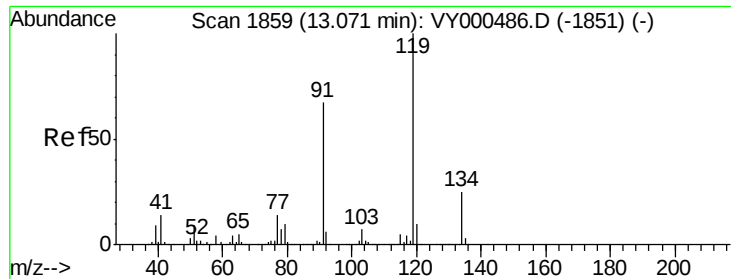
Delta R.T. -0.00 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Tgt Ion:	91	Resp:	253897
Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.6	52.9





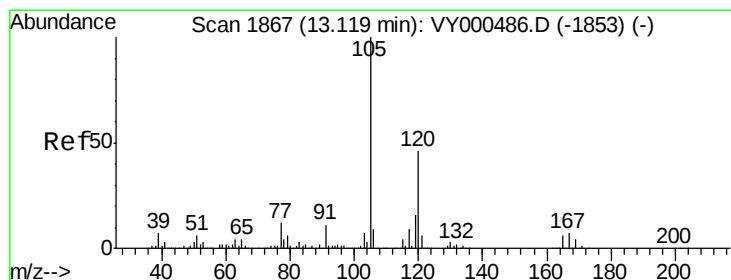
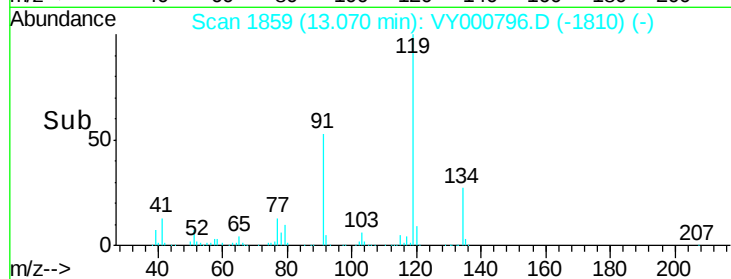
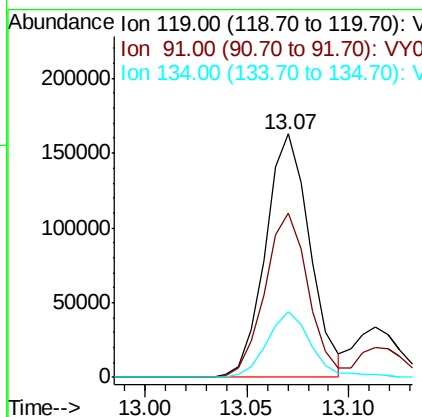
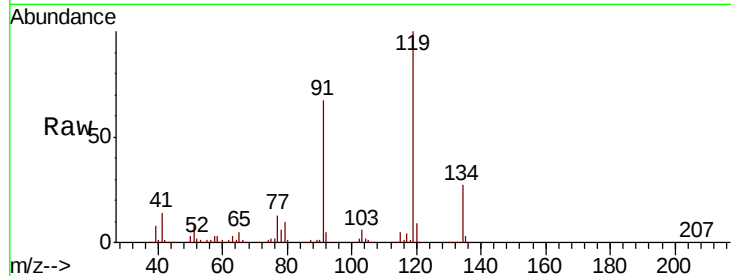
#83
tert-Butylbenzene
Concen: 21.283 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.1	32.1	96.3
134	27.4	13.2	39.5

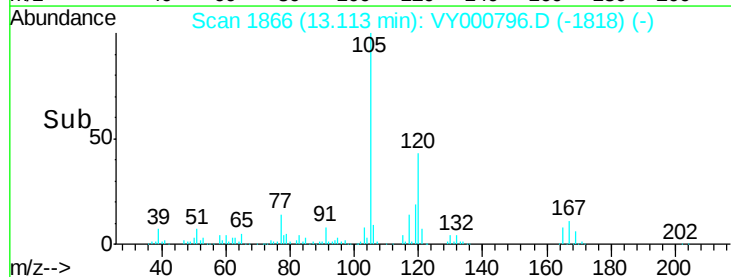
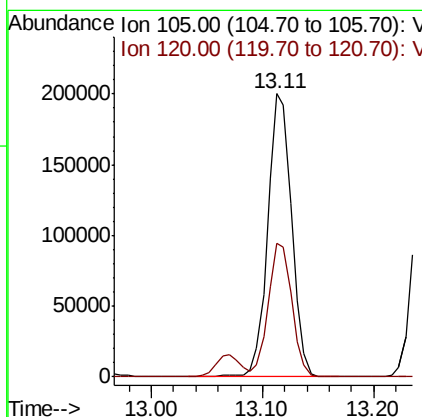
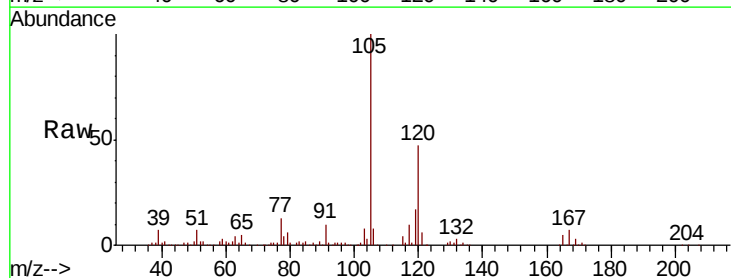
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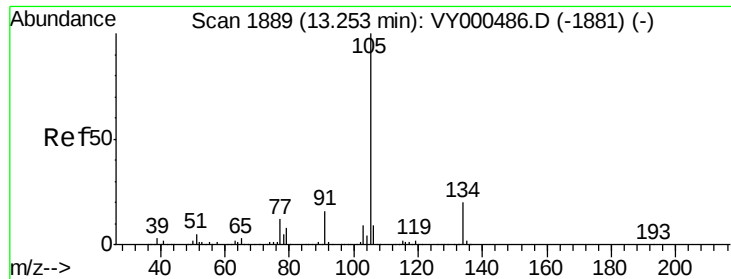
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#84
1,2,4-Trimethylbenzene
Concen: 22.149 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.3	69.9





#85

sec-Butylbenzene

Concen: 22.097 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion:105 Resp: 365169

Ion Ratio Lower Upper

105 100

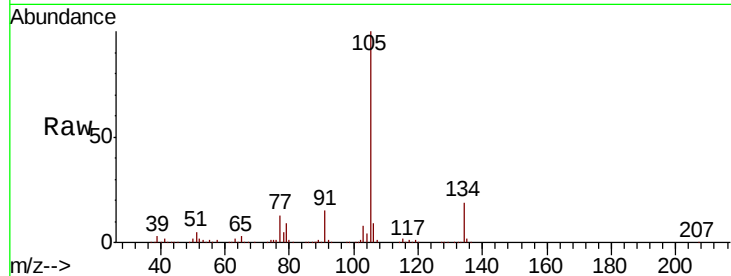
134 19.5 10.1 30.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

250000

200000

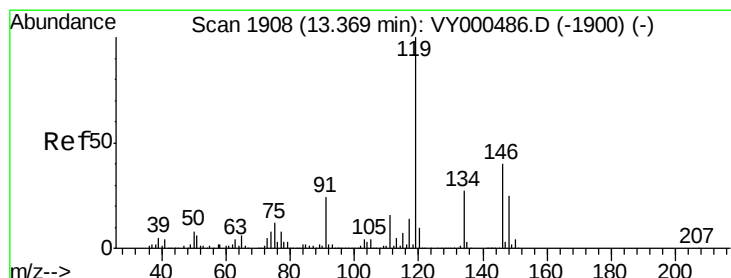
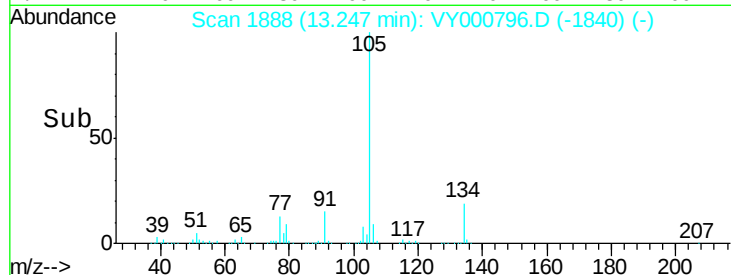
150000

100000

50000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 21.860 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000796.D

Acq: 26 Nov 2019 12:21

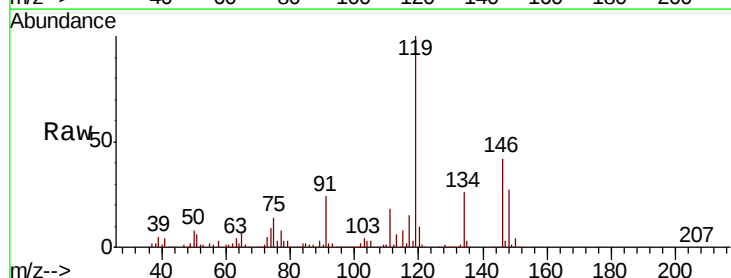
Tgt Ion:119 Resp: 321969

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 23.2 12.0 36.1



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

300000

250000

200000

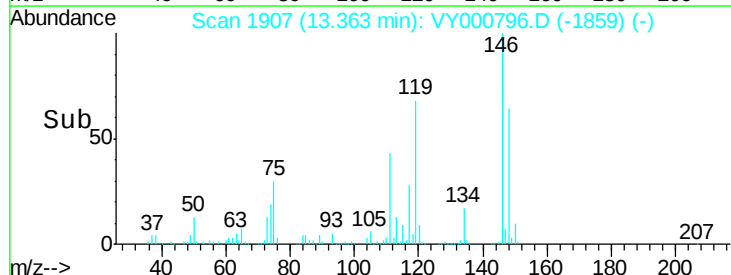
150000

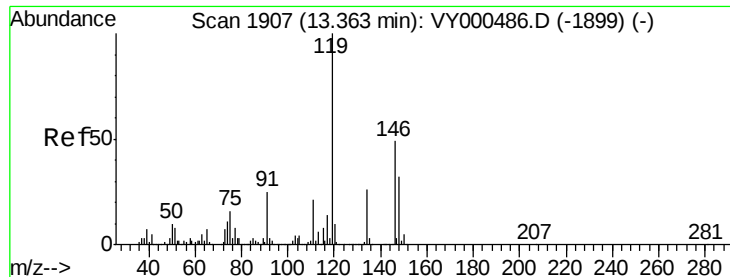
100000

50000

0

Time--> 13.30 13.35 13.40





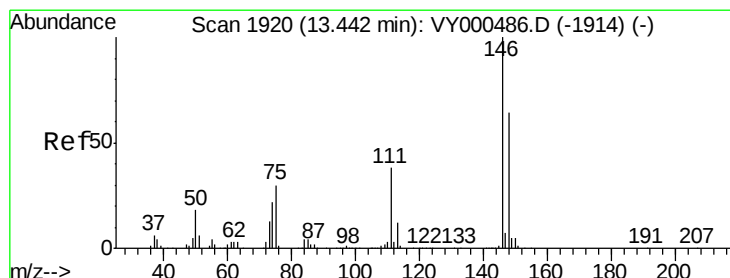
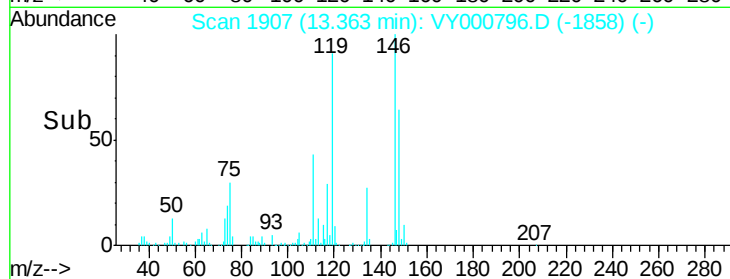
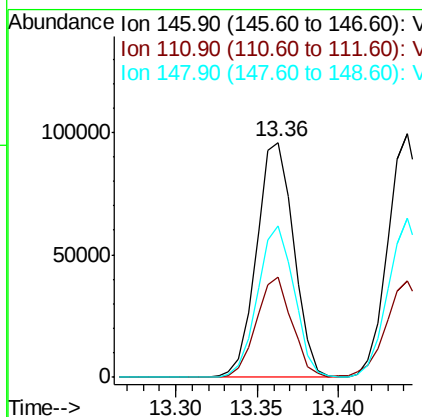
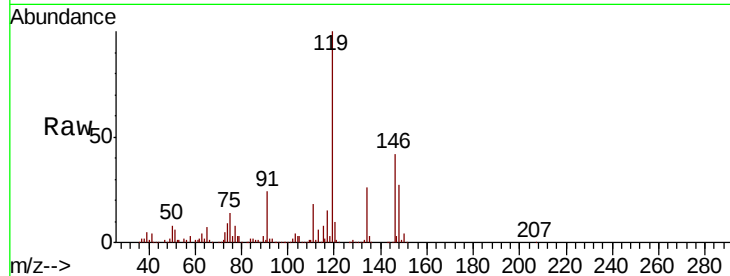
#87
 1,3-Dichlorobenzene
 Concen: 20.956 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	151823		
111	40.9	20.3	60.8	
148	63.4	31.5	94.5	

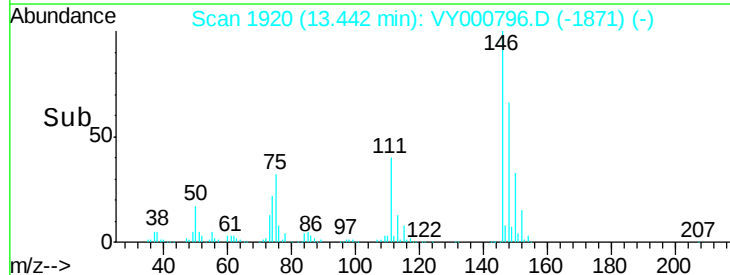
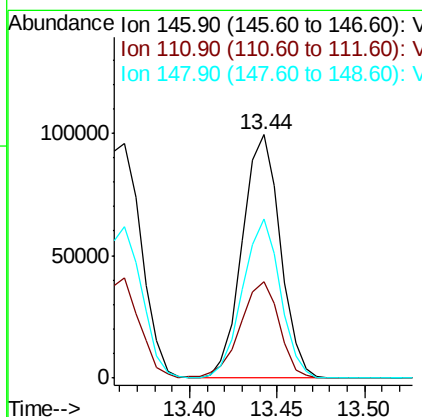
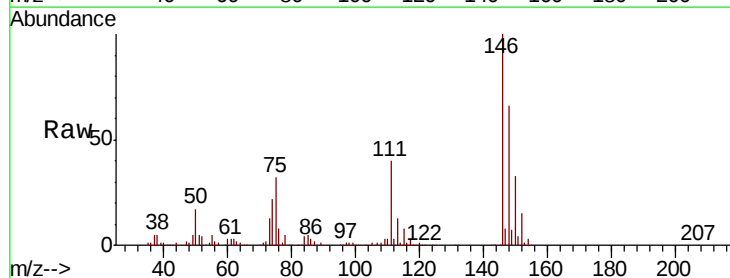
Manual Integrations
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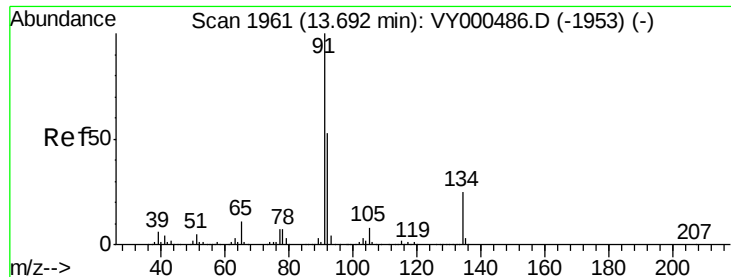
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 20.802 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	150597		
111	40.9	19.7	59.0	
148	64.8	31.9	95.7	





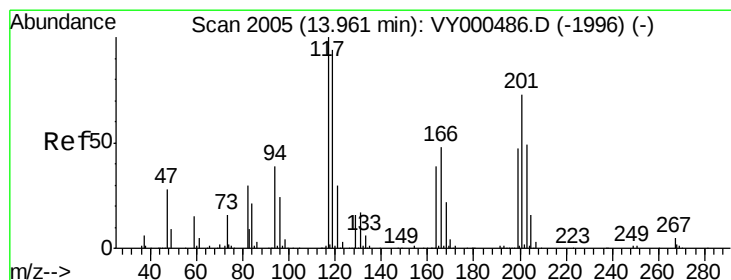
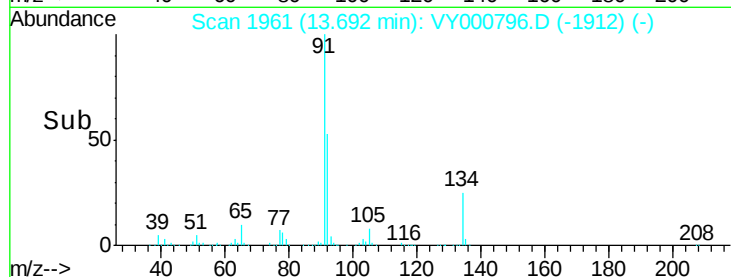
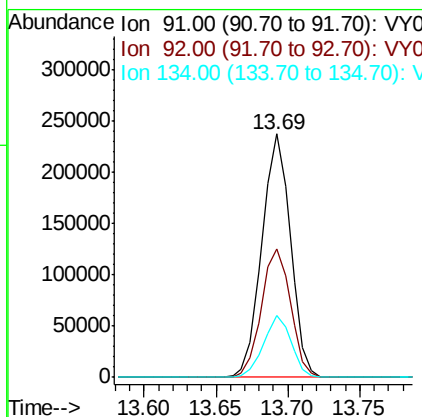
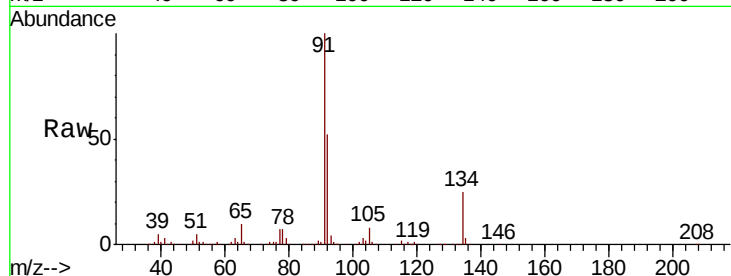
#89
n-Butylbenzene
Concen: 22.395 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.8	80.3
134	24.6	12.9	38.7

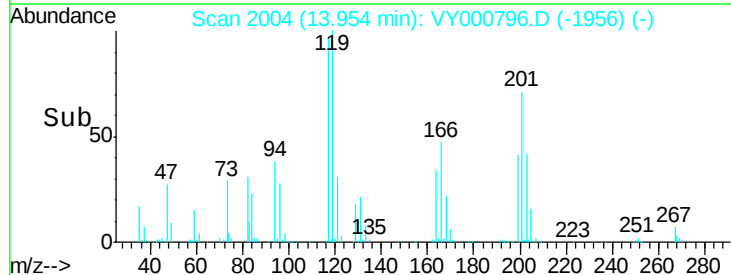
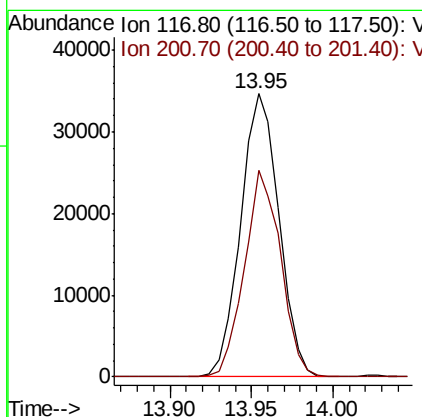
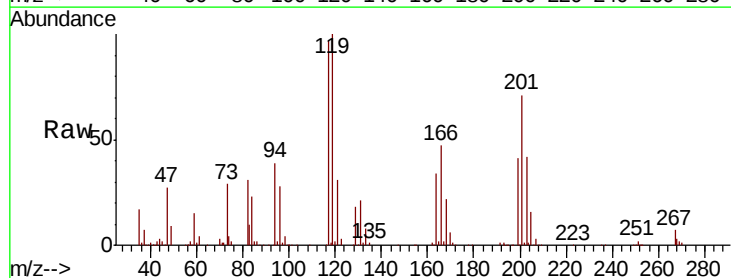
Manual Integrations
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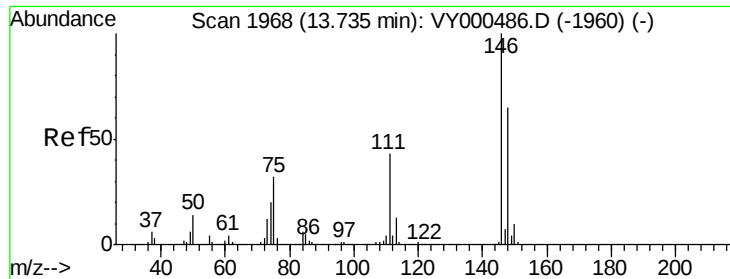
apatel
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#90
Hexachloroethane
Concen: 20.848 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.0	35.8	107.3





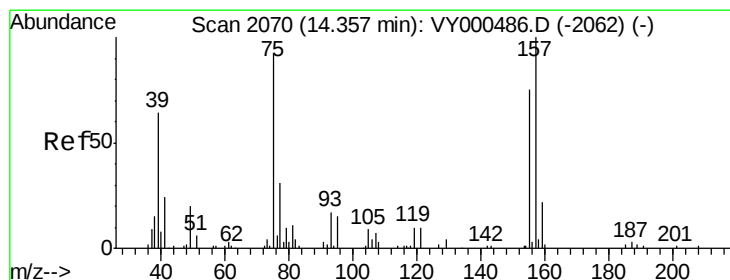
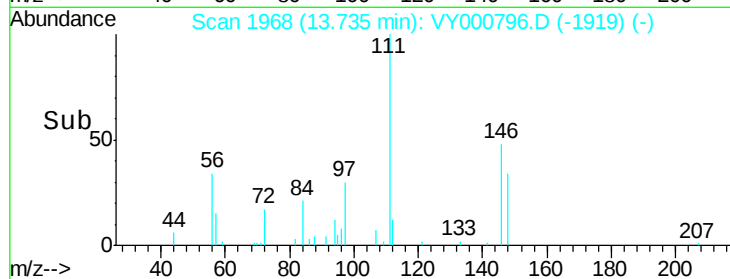
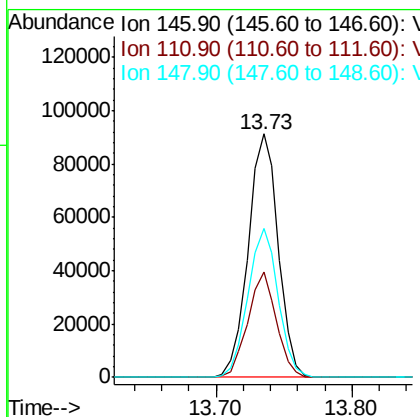
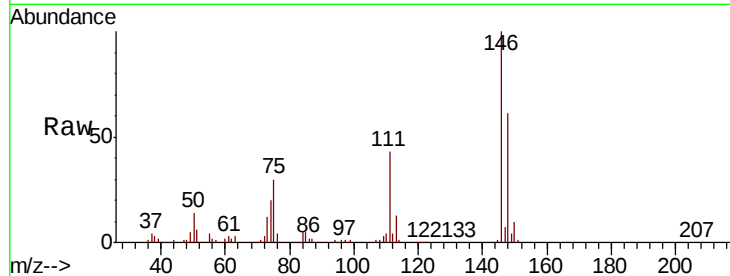
#91
 1,2-Dichlorobenzene
 Concen: 21.392 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.5
148	61.9	31.7	95.1

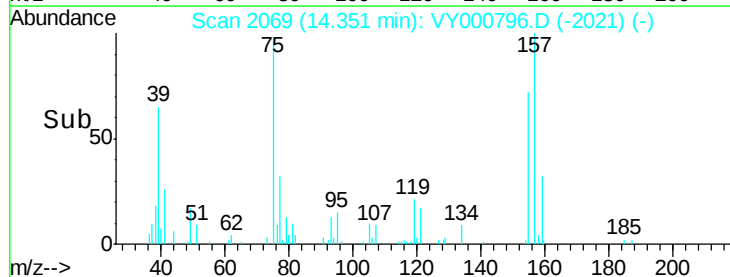
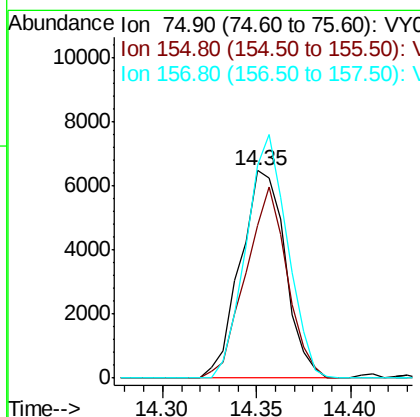
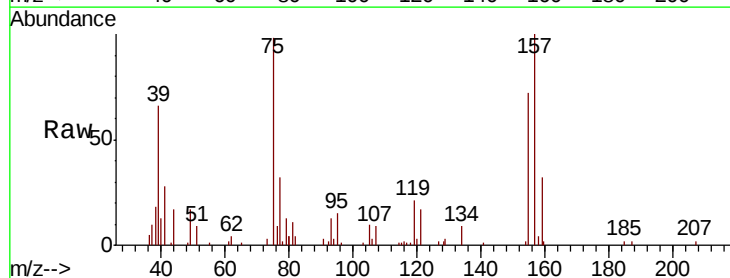
Manual Integrations
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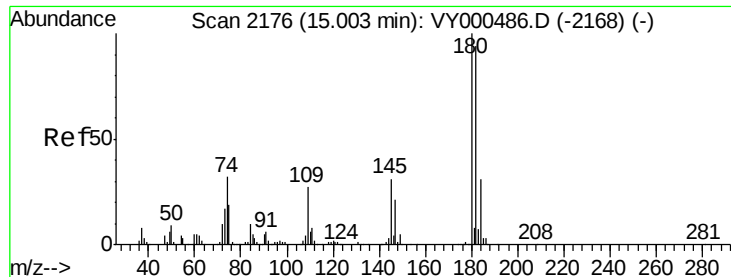
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.673 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.8	42.4	127.1
157	108.3	55.1	165.3





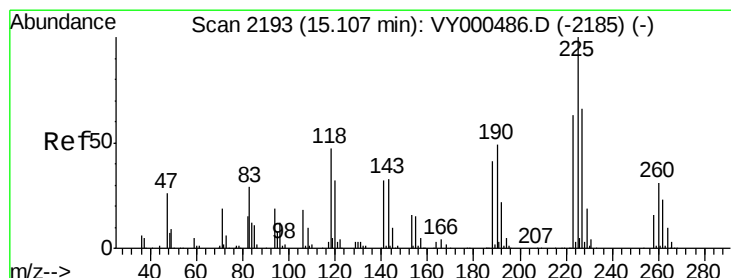
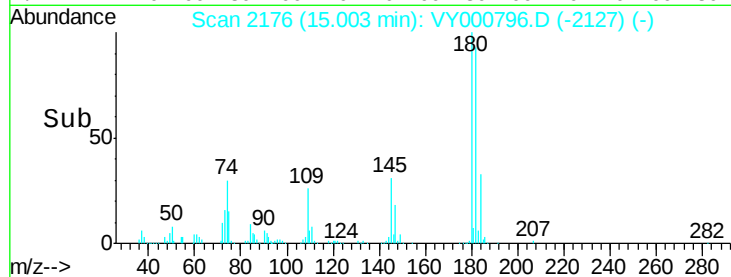
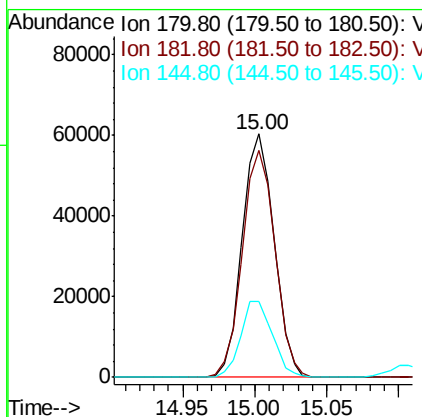
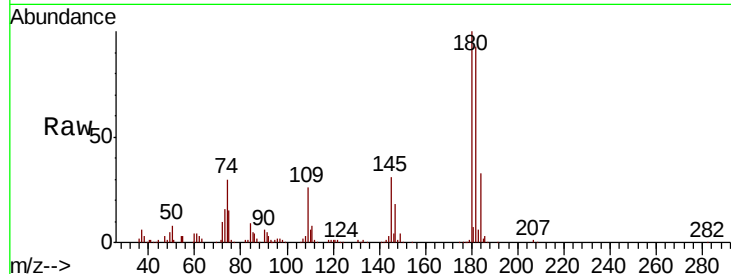
#93
 1,2,4-Trichlorobenzene
 Concen: 20.731 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.8	143.4	
145	31.2	16.0	47.9	

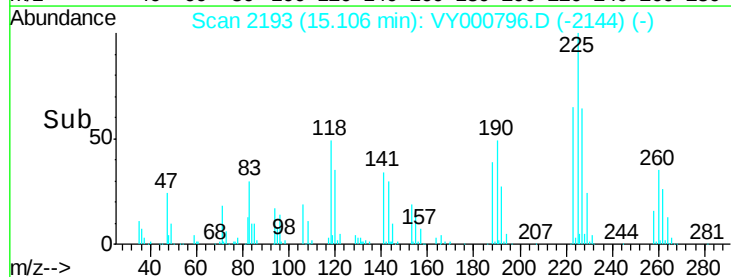
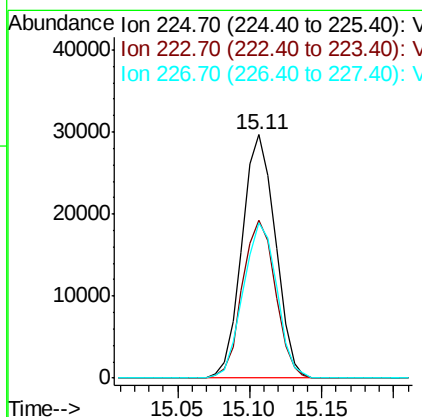
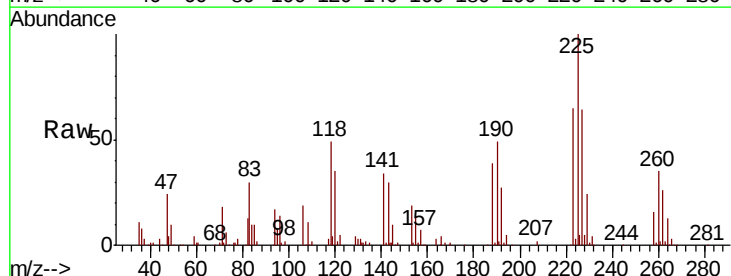
Manual Integrations
 APPROVED

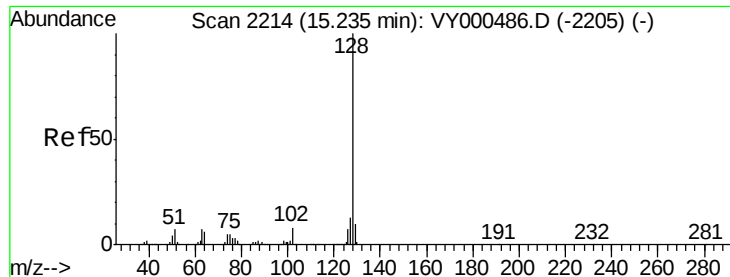
apatel
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#94
 Hexachlorobutadiene
 Concen: 20.652 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000796.D
 Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	31.3	93.8	
227	64.1	32.4	97.0	





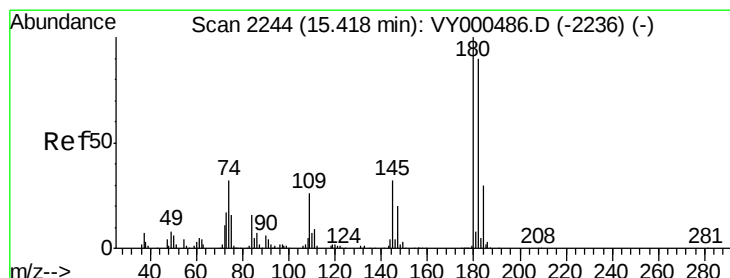
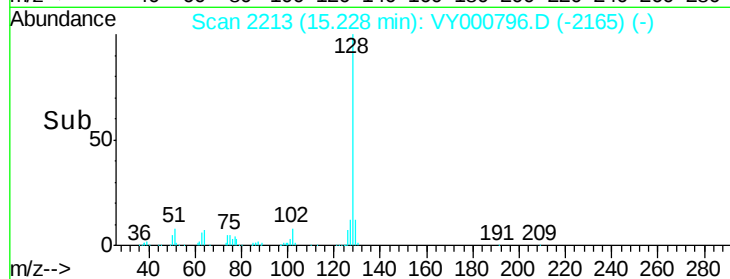
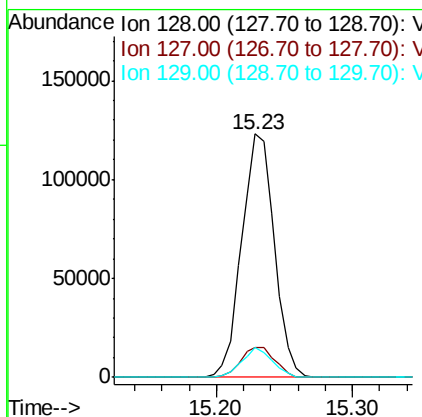
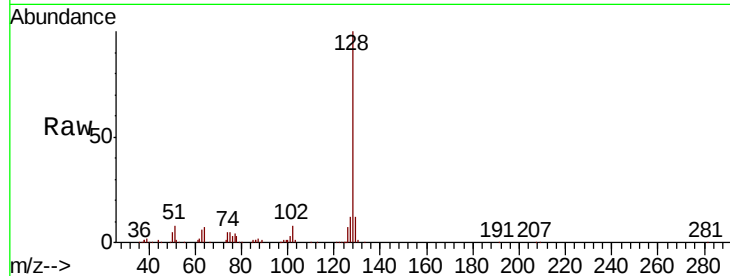
#95
Naphthalene
Concen: 20.692 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	205598		
127	12.9		9.8	14.6
129	11.4		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.687 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000796.D
Acq: 26 Nov 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	83069		
182	92.5		47.4	142.3
145	34.3		15.7	47.0

