

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000874.D
 Acq On : 05 Dec 2019 11:57
 Operator : SY/MD
 Sample : VY1205SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Manual Integrations
 APPROVED

apatel
 12/6/2019 10:01:24 AM

Quant Time: Dec 06 04:30:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	285290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	504256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	450149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	211389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	156222	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
35) Dibromofluoromethane	7.73	113	150110	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.18	98	619082	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.48	95	212770	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	57544	18.738	ug/l	96
3) Chloromethane	2.11	50	76754	20.275	ug/l	98
4) Vinyl Chloride	2.25	62	73850	19.794	ug/l	100
5) Bromomethane	2.64	94	48372	19.965	ug/l	91
6) Chloroethane	2.79	64	47528	20.777	ug/l	97
7) Trichlorofluoromethane	3.13	101	100885	19.731	ug/l	93
8) Diethyl Ether	3.54	74	39390	20.468	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	64691	20.488	ug/l	97
10) Methyl Iodide	4.10	142	77946	19.607	ug/l	97
11) Tert butyl alcohol	4.96	59	27094	88.837	ug/l	98
12) 1,1-Dichloroethene	3.88	96	63516	20.305	ug/l	97
13) Acrolein	3.73	56	30757	102.376	ug/l	99
14) Allyl chloride	4.49	41	109083	20.338	ug/l	100
15) Acrylonitrile	5.18	53	98277	98.898	ug/l	100
16) Acetone	3.96	43	69808	100.384	ug/l	94
17) Carbon Disulfide	4.20	76	195815	19.355	ug/l	97
18) Methyl Acetate	4.48	43	57694	19.842	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	172759	20.680	ug/l	100
20) Methylene Chloride	4.72	84	77436	21.125	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	71709	20.169	ug/l	98
22) Diisopropyl ether	6.13	45	229958	20.860	ug/l	93
23) Vinyl Acetate	6.07	43	702883	104.881	ug/l	99
24) 1,1-Dichloroethane	6.03	63	124793	20.539	ug/l	99
25) 2-Butanone	7.00	43	123281	95.968	ug/l	97
26) 2,2-Dichloropropane	6.99	77	102546	20.053	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	78640	20.462	ug/l	99
28) Bromochloromethane	7.35	49	30380	15.103	ug/l	95
29) Tetrahydrofuran	7.35	42	88316	103.749	ug/l	97
30) Chloroform	7.52	83	120186	19.718	ug/l	98
31) Cyclohexane	7.80	56	130001	20.198	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	100461	19.960	ug/l	97
36) 1,1-Dichloropropene	7.92	75	98846	19.715	ug/l	99
37) Ethyl Acetate	7.08	43	56476	19.508	ug/l	99
38) Carbon Tetrachloride	7.91	117	87255	19.541	ug/l	94

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

39) Methylcyclohexane	9.19	83	128620	19.363	ug/l	94
40) Benzene	8.17	78	296911	20.330	ug/l	100
41) Methacrylonitrile	7.33	41	25444m	16.675	ug/l	
42) 1,2-Dichloroethane	8.25	62	74647	19.435	ug/l	99
43) Isopropyl Acetate	8.28	43	104182	19.096	ug/l	100
44) Trichloroethene	8.94	130	75333	20.071	ug/l	96
45) 1,2-Dichloropropane	9.22	63	76243	20.784	ug/l	98
46) Dibromomethane	9.31	93	39012	20.354	ug/l	98
47) Bromodichloromethane	9.50	83	89281	19.829	ug/l	97
48) Methyl methacrylate	9.30	41	46500	19.383	ug/l	95
49) 1,4-Dioxane	9.30	88	10515	387.177	ug/l #	91
51) 4-Methyl-2-Pentanone	10.07	43	279620	99.198	ug/l	99
52) Toluene	10.24	92	181692	20.093	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	99214	20.509	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	117062	20.473	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	57054	20.148	ug/l	94
56) Ethyl methacrylate	10.51	69	81777	20.187	ug/l	99
57) 1,3-Dichloropropane	10.79	76	99302	20.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	164568	100.752	ug/l	100
59) 2-Hexanone	10.83	43	194445	94.666	ug/l	98
60) Dibromochloromethane	10.99	129	60426	19.822	ug/l	98
61) 1,2-Dibromoethane	11.09	107	54384	20.378	ug/l	99
64) Tetrachloroethene	10.72	164	80713	20.637	ug/l	95
65) Chlorobenzene	11.52	112	189524	20.255	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	64831	20.559	ug/l	99
67) Ethyl Benzene	11.59	91	351541	20.173	ug/l	100
68) m/p-Xylenes	11.70	106	267262	40.860	ug/l	98
69) o-Xylene	12.03	106	125228	20.534	ug/l	98
70) Styrene	12.04	104	214599	20.550	ug/l	99
71) Bromoform	12.20	173	34227	19.245	ug/l #	99
73) Isopropylbenzene	12.33	105	339559	20.174	ug/l	99
74) N-amyl acetate	12.14	43	87879	18.758	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	62391	18.813	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	45053m	18.811	ug/l	
77) Bromobenzene	12.61	156	74834	20.511	ug/l	95
78) n-propylbenzene	12.67	91	411727	20.034	ug/l	99
79) 2-Chlorotoluene	12.75	91	228889	20.160	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	276100	19.812	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23285	19.097	ug/l	99
82) 4-Chlorotoluene	12.85	91	235756	20.155	ug/l	99
83) tert-Butylbenzene	13.07	119	239565	20.447	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	278412	19.969	ug/l	97
85) sec-Butylbenzene	13.25	105	337312	19.795	ug/l	99
86) p-Isopropyltoluene	13.37	119	296256	19.989	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	144782	20.229	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	145966	20.597	ug/l	99
89) n-Butylbenzene	13.69	91	304436	20.316	ug/l	99
90) Hexachloroethane	13.96	117	54922	20.116	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	131833	20.478	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11118	20.025	ug/l	88

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ClientSampleId :
VY1205SBSD01

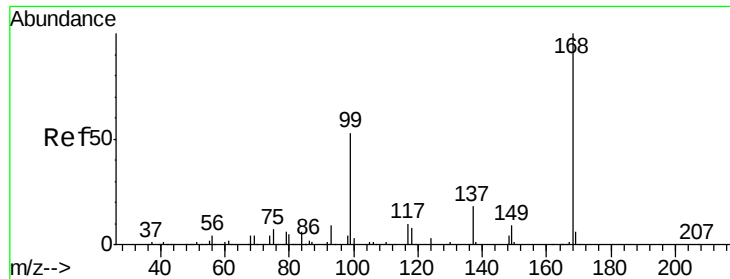
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	88886	20.404	ug/l	98
94) Hexachlorobutadiene	15.11	225	45054	20.860	ug/l	98
95) Naphthalene	15.23	128	205764	20.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	78922	20.283	ug/l	98

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



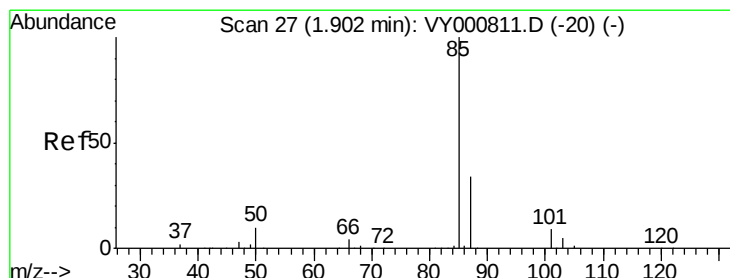
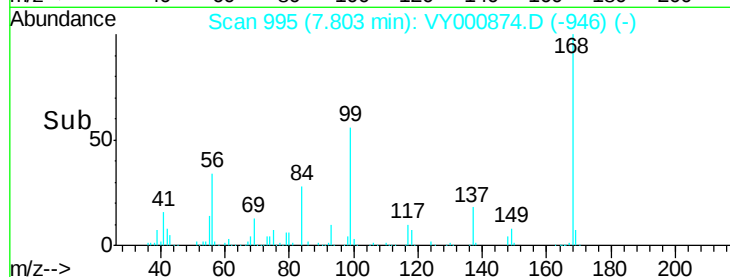
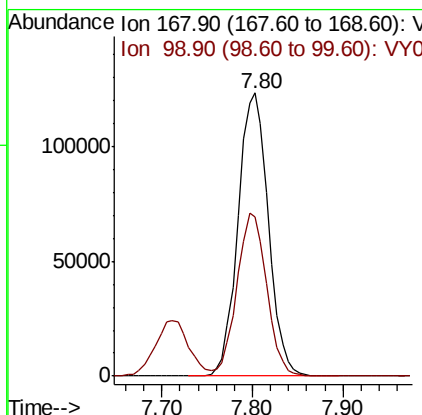
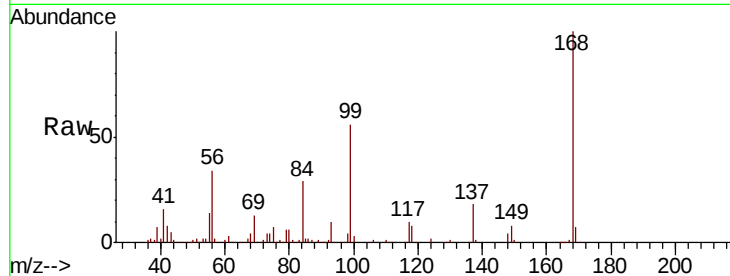
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion: 168 Resp: 285290
Ion Ratio Lower Upper
168 100
99 56.1 45.0 67.6

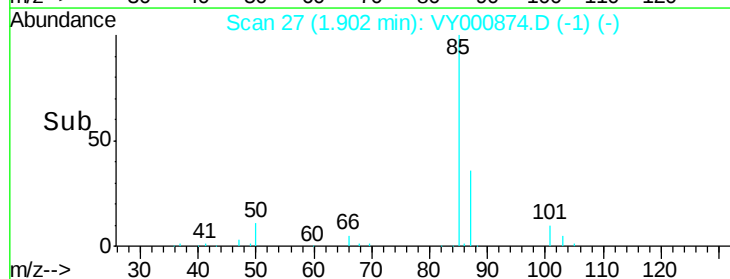
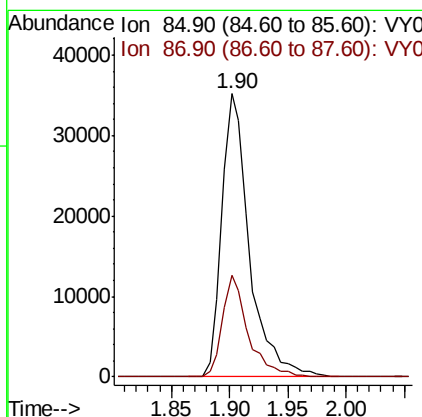
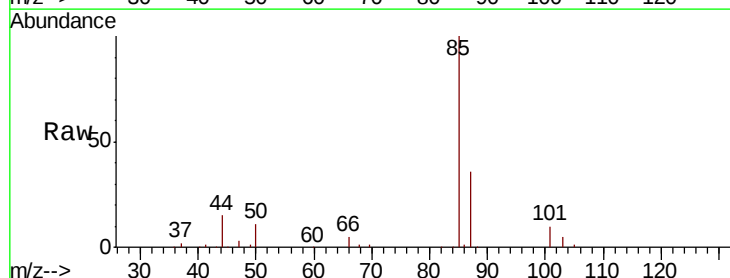
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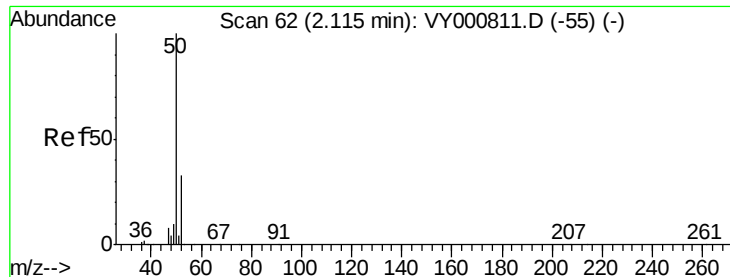
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#2
Dichlorodifluoromethane
Concen: 18.738 ug/l
RT: 1.90 min Scan# 27
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion: 85 Resp: 57544
Ion Ratio Lower Upper
85 100
87 35.9 16.8 50.3





#3

Chloromethane

Concen: 20.275 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 50 Resp: 76754

Ion Ratio Lower Upper

50 100

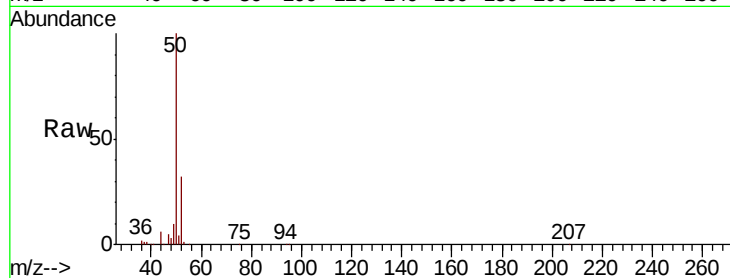
52 31.6 26.0 39.0

Manual Integrations

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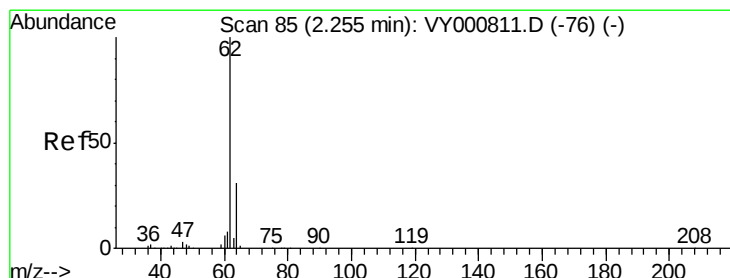
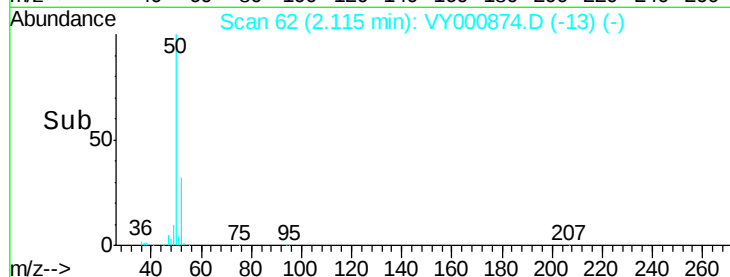
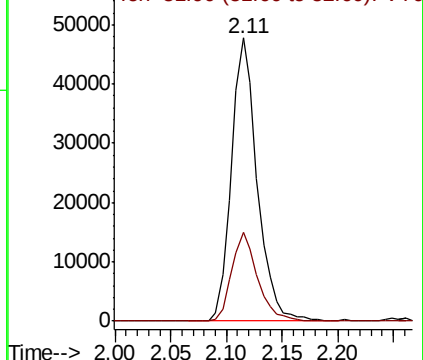
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.794 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000874.D

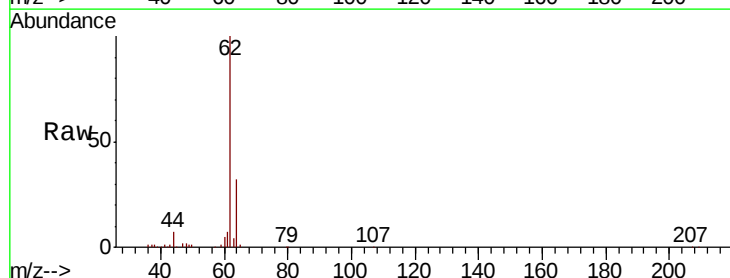
Acq: 05 Dec 2019 11:57

Tgt Ion: 62 Resp: 73850

Ion Ratio Lower Upper

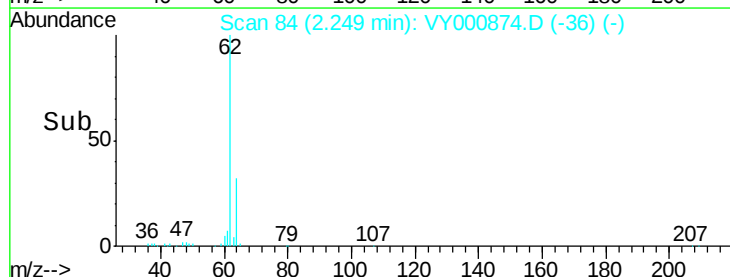
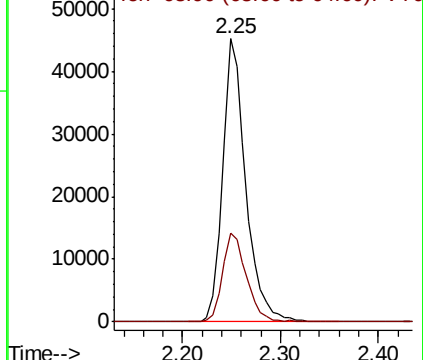
62 100

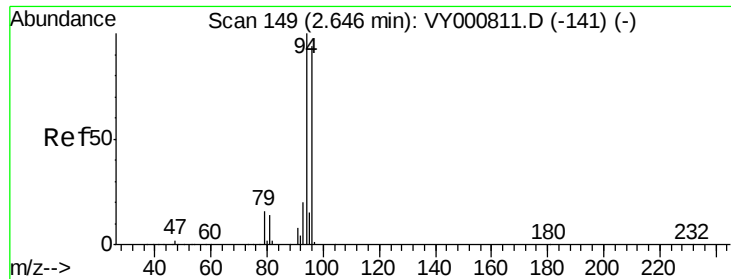
64 31.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.965 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 94 Resp: 48372

Ion Ratio Lower Upper

94 100

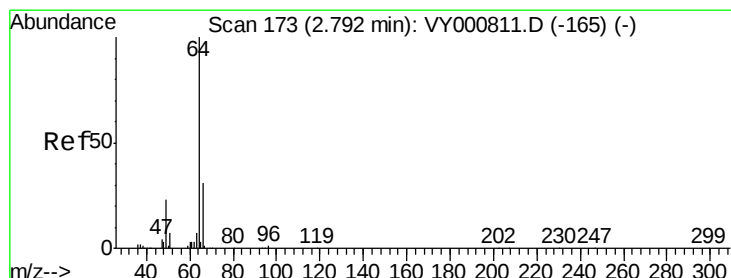
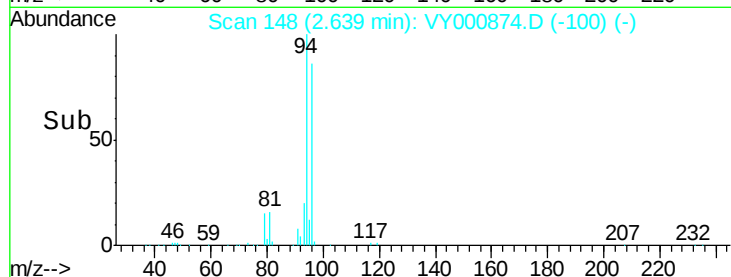
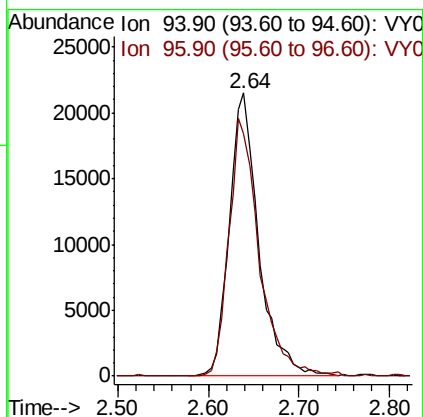
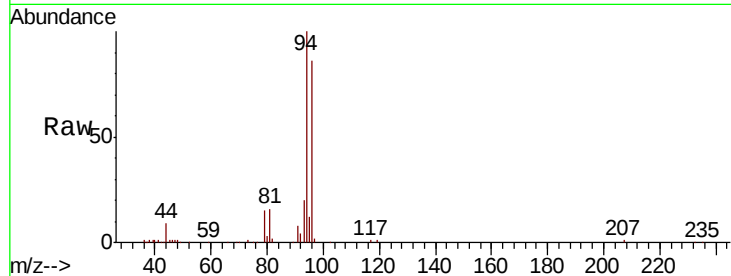
96 85.8 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 20.777 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000874.D

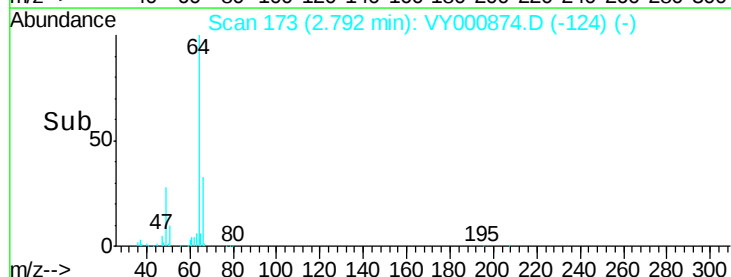
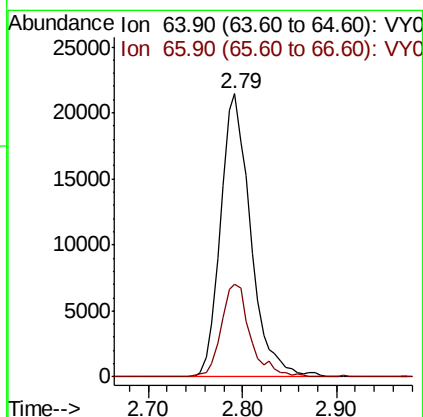
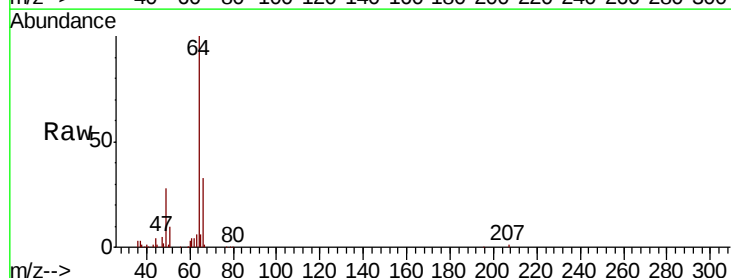
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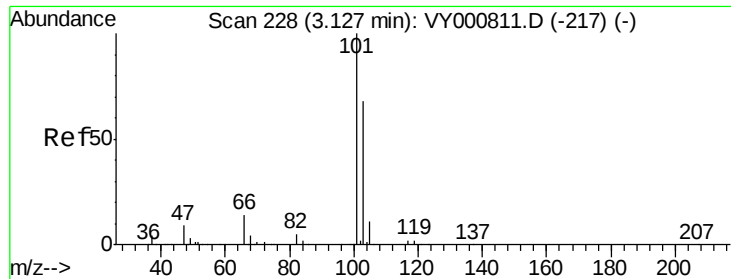
Tgt Ion: 64 Resp: 47528

Ion Ratio Lower Upper

64 100

66 32.8 25.0 37.4





#7

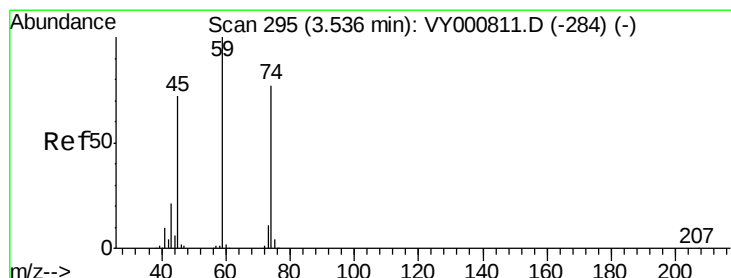
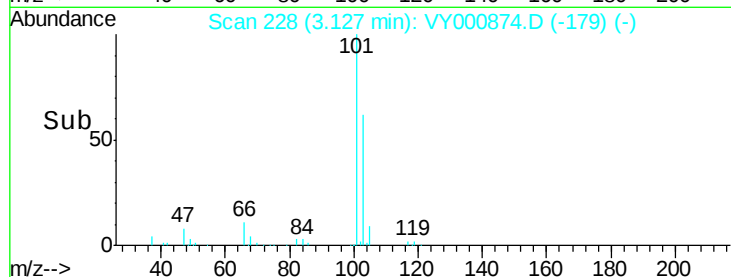
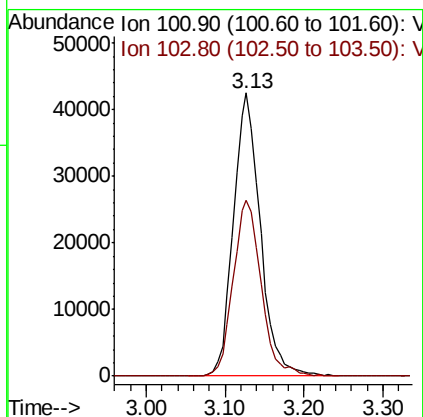
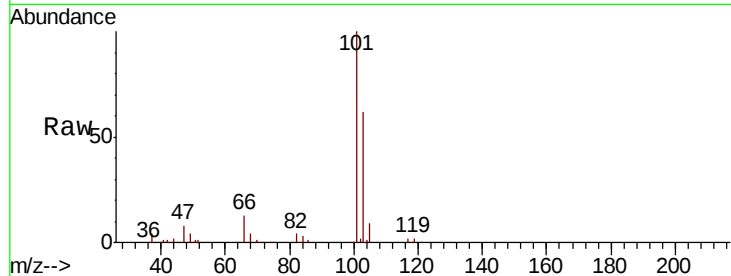
Trichlorofluoromethane
 Concen: 19.731 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Instrument :
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 ClientSampleId :
 VY1205SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	100885		
103	62.1	54.2	81.2	

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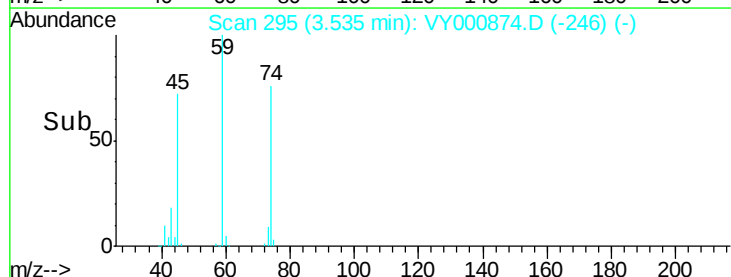
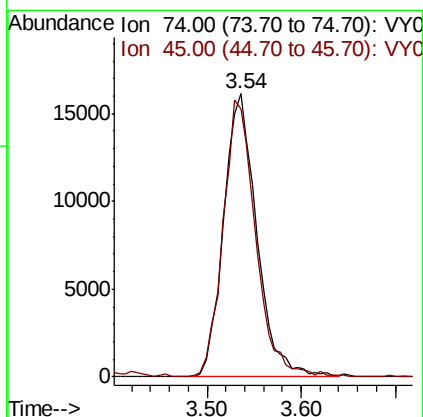
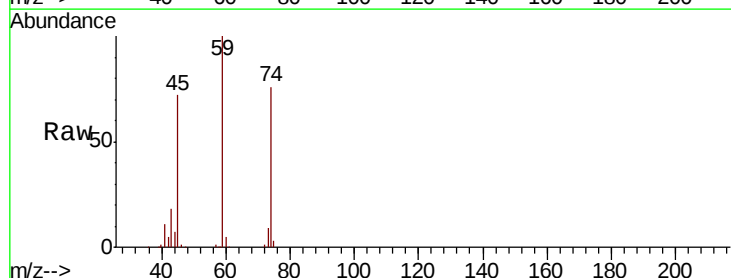
apatel
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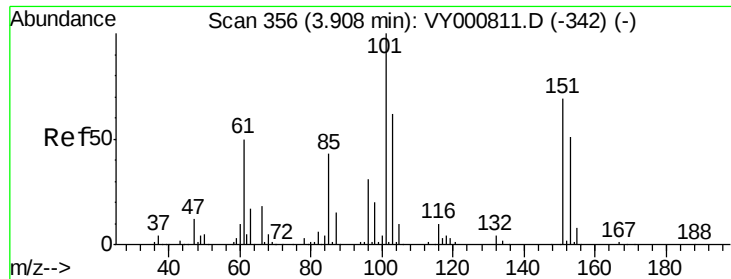


#8

Diethyl Ether
 Concen: 20.468 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	39390		
45	96.6	49.0	147.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.488 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

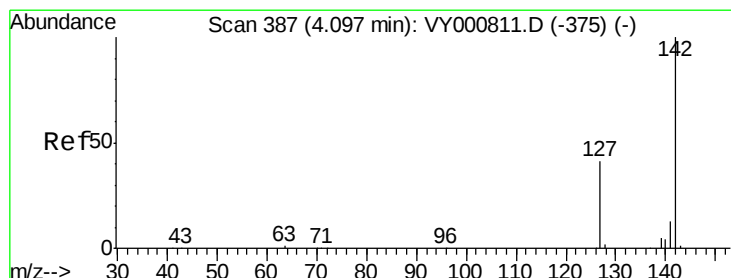
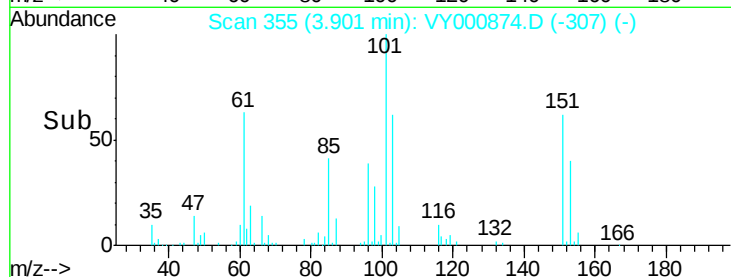
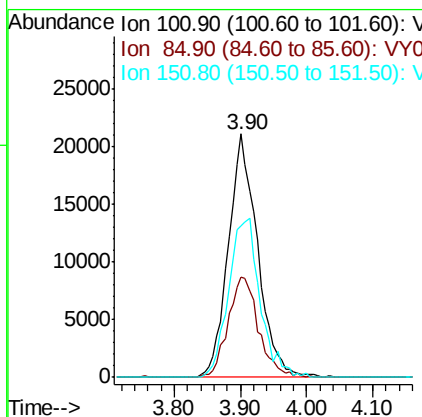
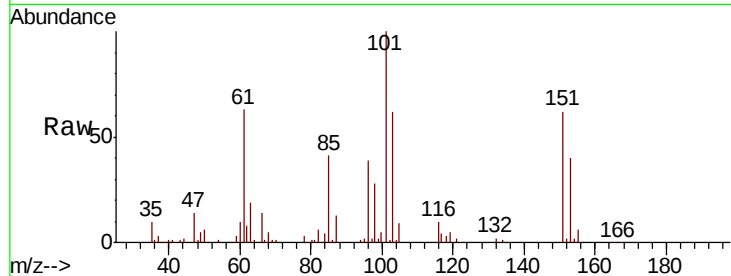
ClientSampleId :

VY1205SBS01

Tot Ion:	101	Resp:	64691
Ion Ratio	Lower	Upper	
101	100		
85	42.8	36.0	54.0
151	70.4	58.2	87.2

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#10

Methyl Iodide

Concen: 19.607 ug/l

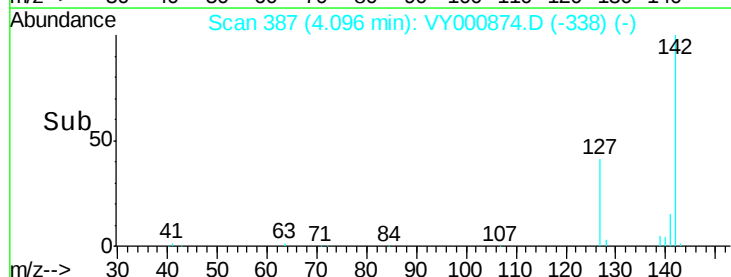
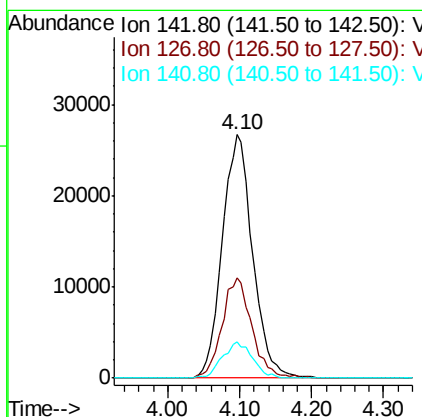
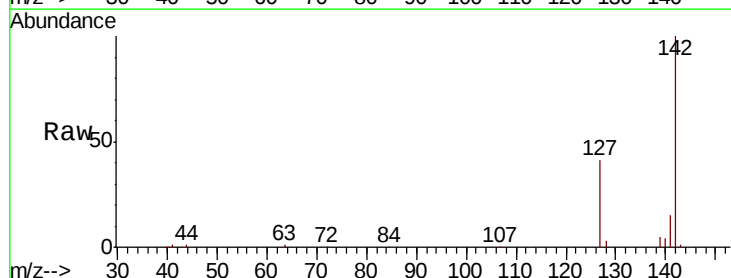
RT: 4.10 min Scan# 387

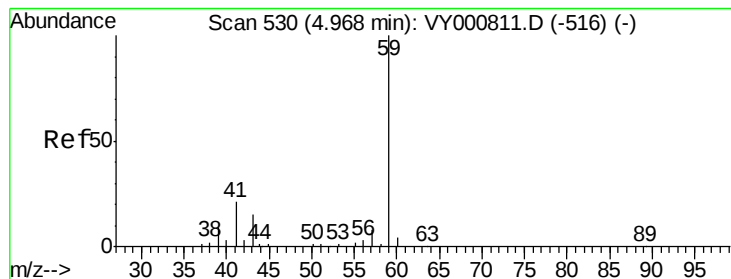
Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Tgt Ion:	142	Resp:	77946
Ion Ratio	Lower	Upper	
142	100		
127	40.4	33.8	50.8
141	14.9	10.9	16.3





#11

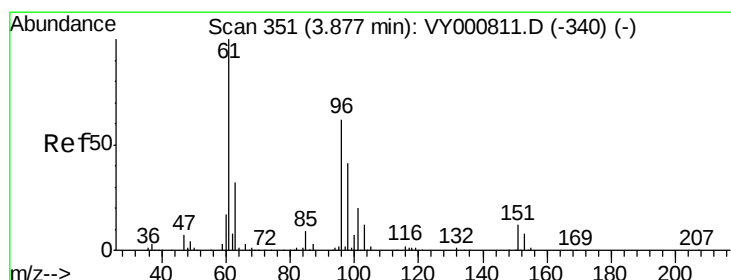
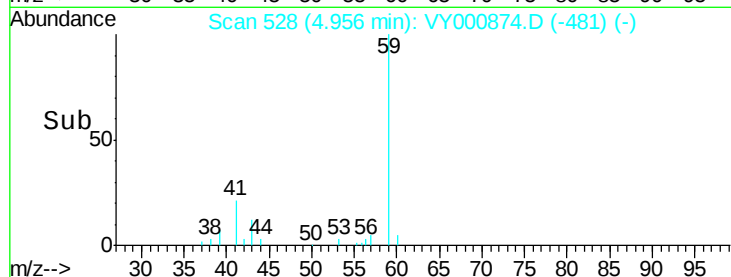
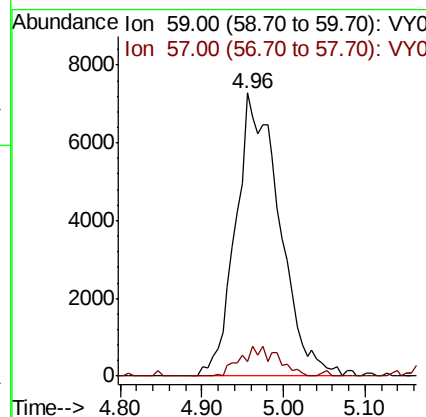
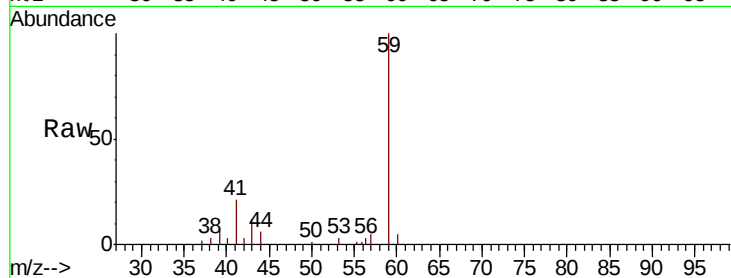
Tert butyl alcohol
Concen: 88.837 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	59.00	Resp	27094
Ion Ratio	100	Lower	Upper
59	100		
57	8.8	7.8	11.6

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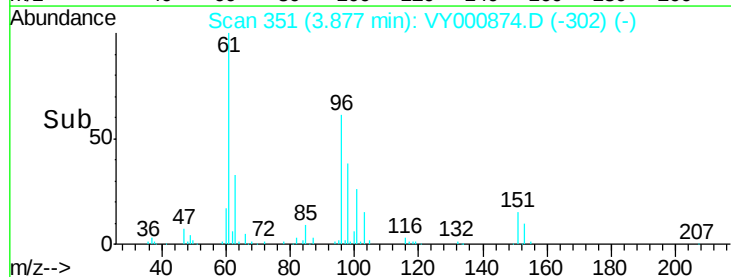
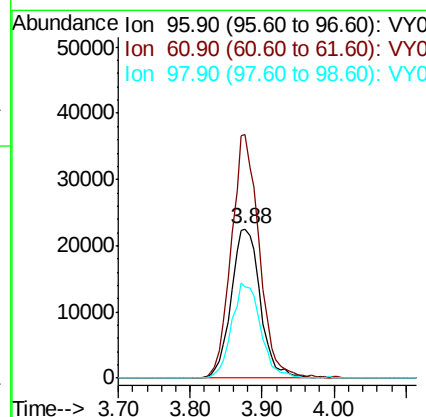
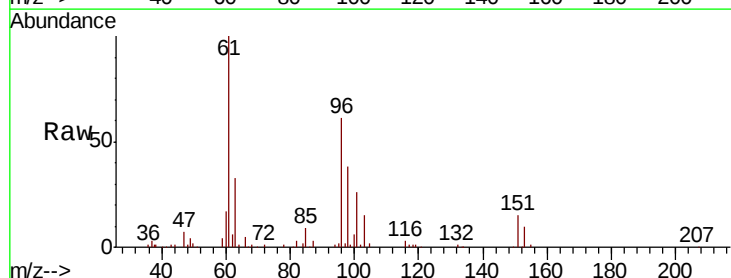
apatel
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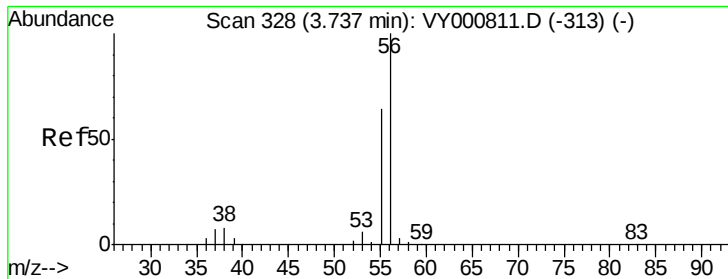


#12

1,1-Dichloroethene
Concen: 20.305 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion	96.00	Resp	63516
Ion Ratio	100	Lower	Upper
96	100		
61	163.0	129.4	194.2
98	61.4	53.4	80.0





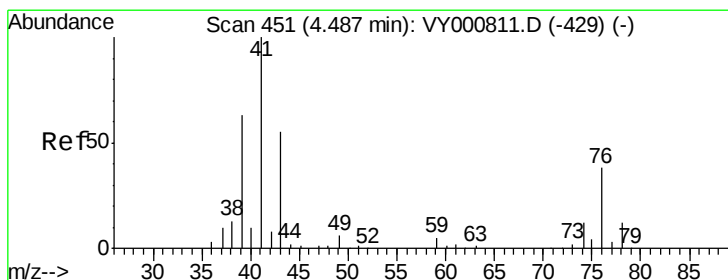
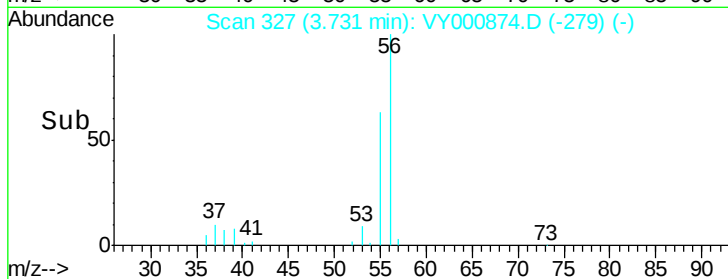
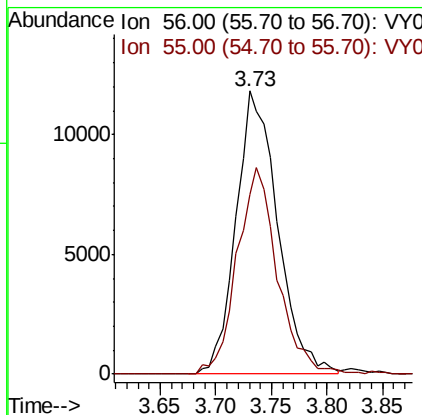
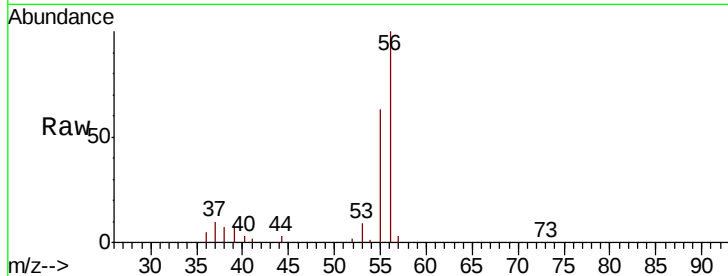
#13
Acrolein
Concen: 102.376 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.01 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	56	Resp	30757
Ion Ratio	100	Lower	Upper
56	100		
55	70.5	55.7	83.5

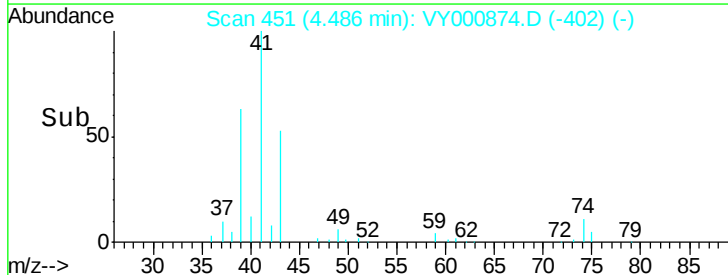
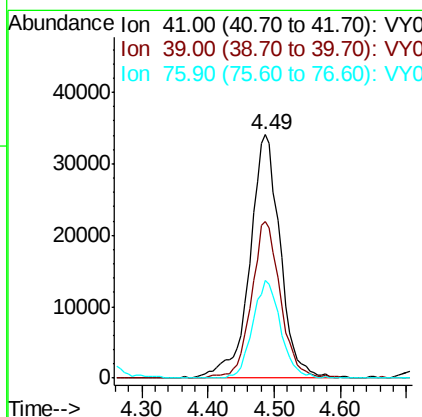
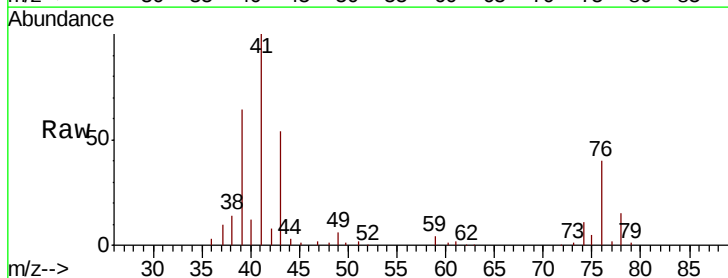
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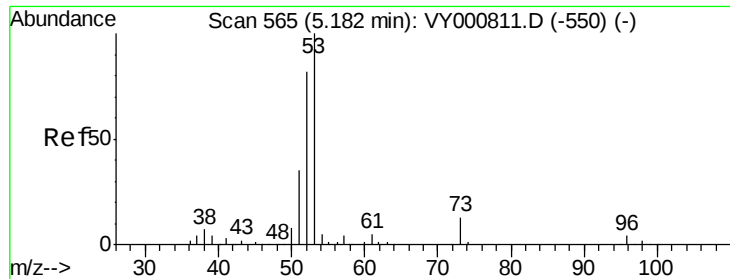
apatel
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#14
Allyl chloride
Concen: 20.338 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion	41	Resp	109083
Ion Ratio	100	Lower	Upper
41	100		
39	61.7	49.2	73.8
76	36.8	29.2	43.8





#15

Acrylonitrile

Concen: 98.898 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

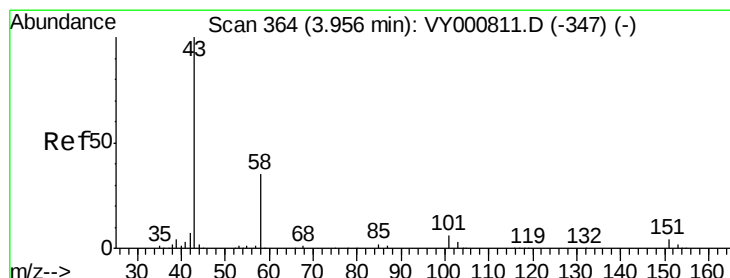
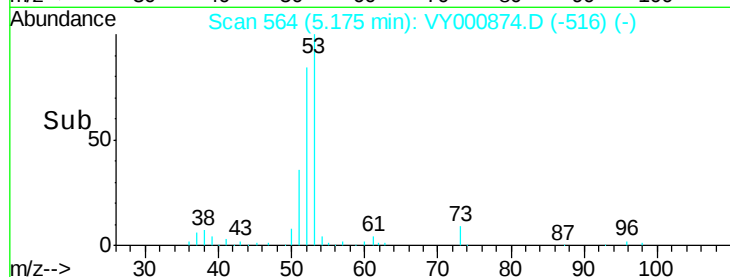
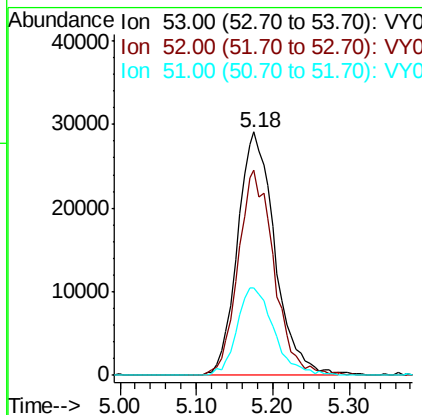
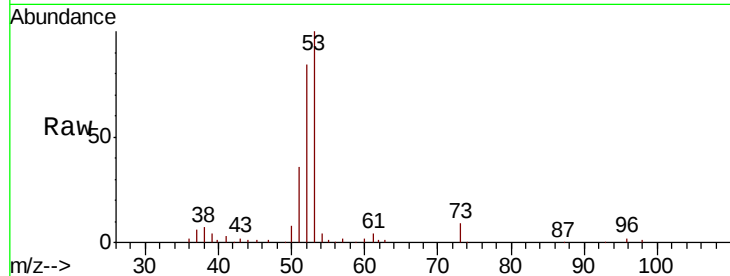
ClientSampleId :

VY1205SBS01

Tot Ion:	53	Resp:	98277
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.1	97.7
51	35.8	29.0	43.4

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#16

Acetone

Concen: 100.384 ug/l

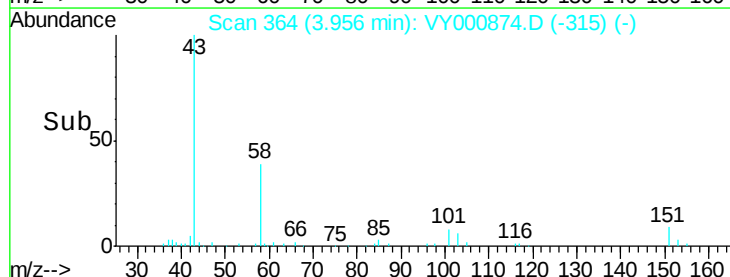
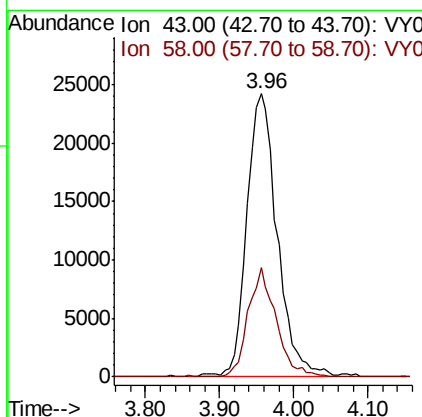
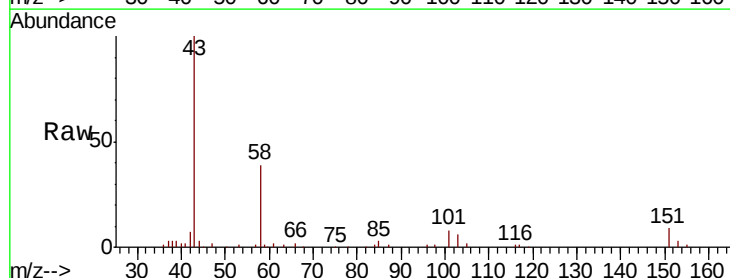
RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Tgt Ion:	43	Resp:	69808
Ion	Ratio	Lower	Upper
43	100		
58	38.5	28.0	42.0





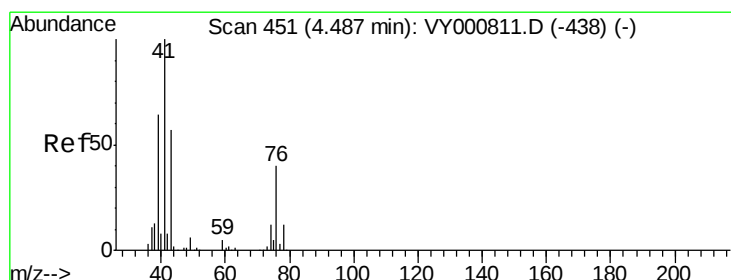
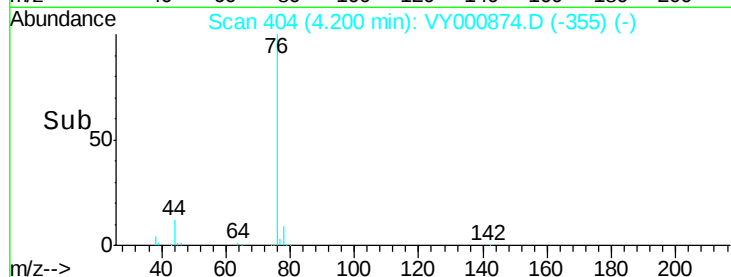
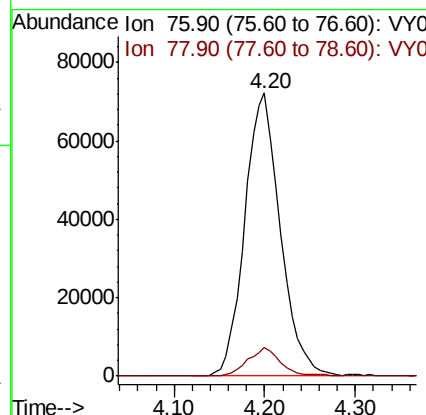
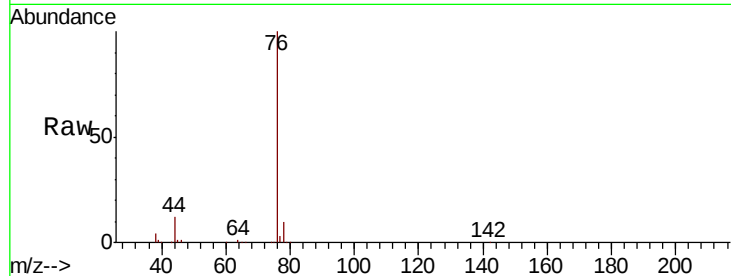
#17
Carbon Disulfide
Concen: 19.355 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.3	10.9

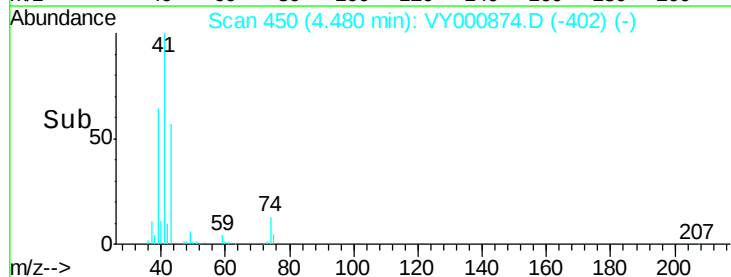
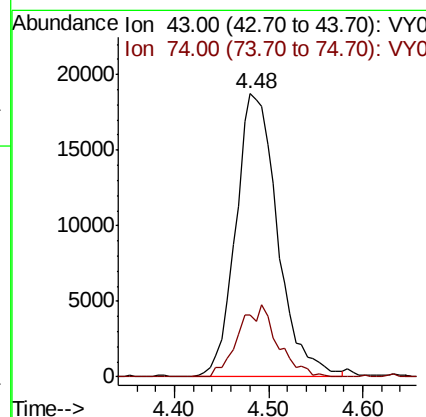
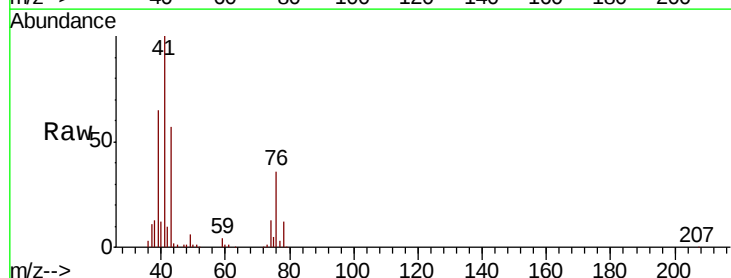
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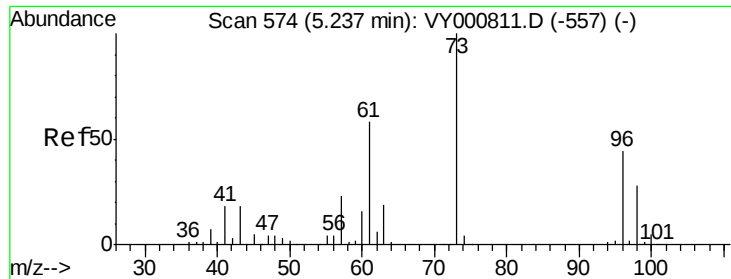
apatel
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#18
Methyl Acetate
Concen: 19.842 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.5	27.7





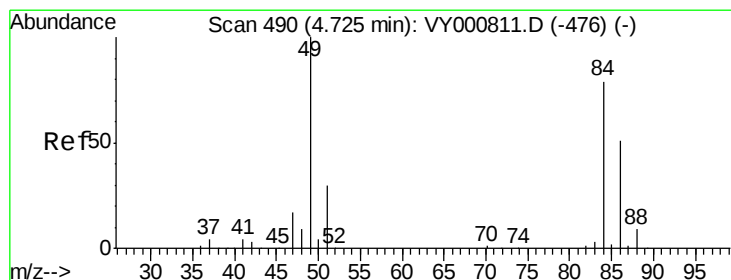
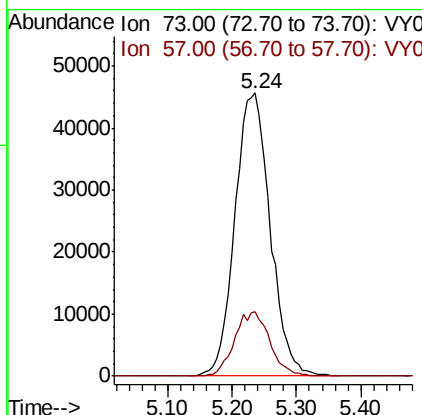
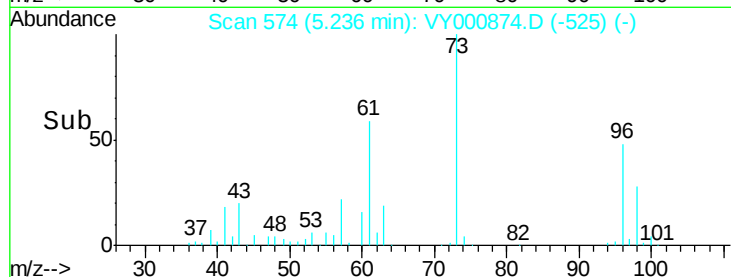
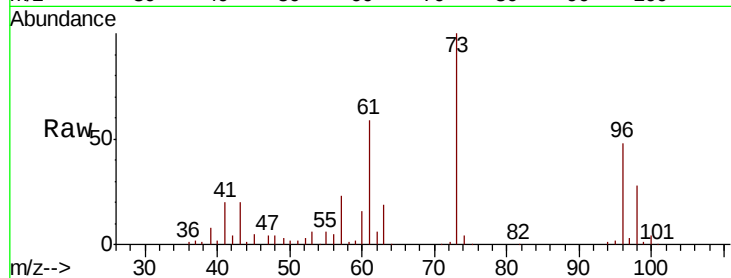
#19
Methvl tert-butvl Ether
Concen: 20.680 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion: 73 Resp: 172759
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.4

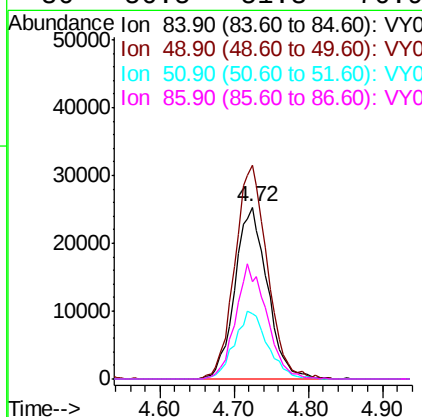
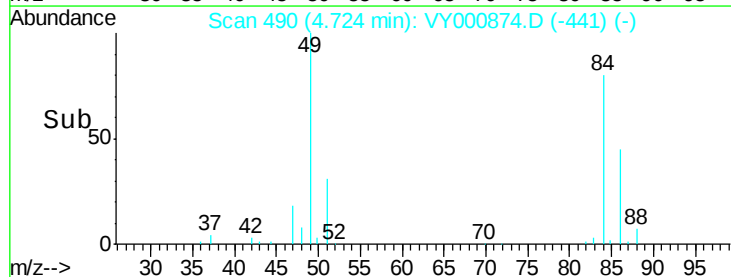
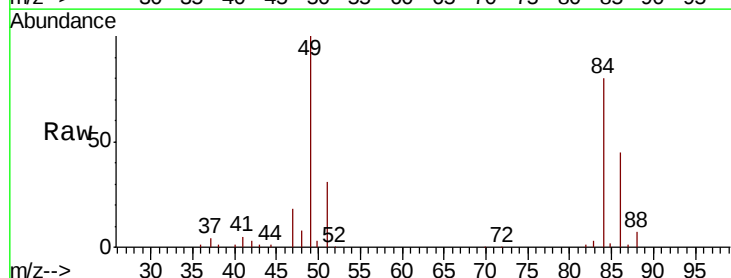
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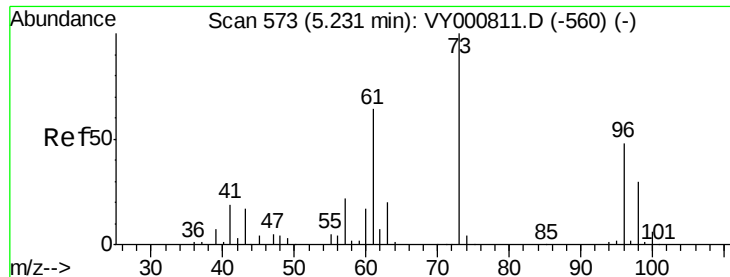
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#20
Methylene Chloride
Concen: 21.125 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion: 84 Resp: 77436
Ion Ratio Lower Upper
84 100
49 124.3 101.3 151.9
51 38.3 30.6 45.8
86 56.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.169 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

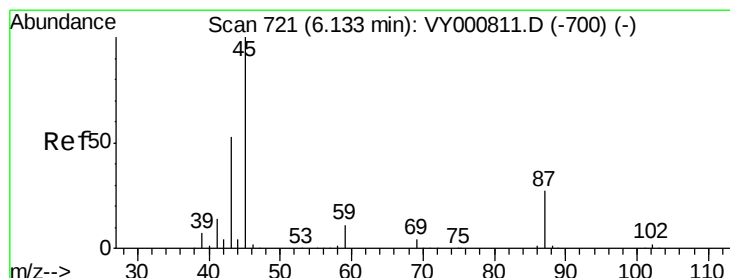
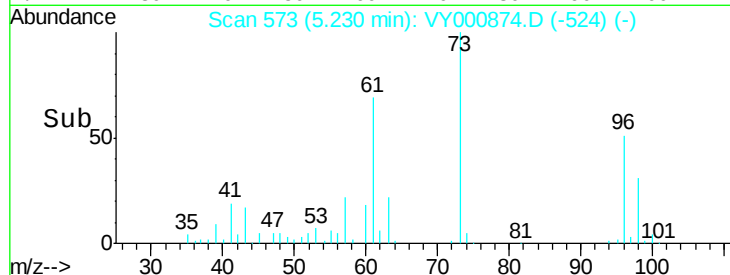
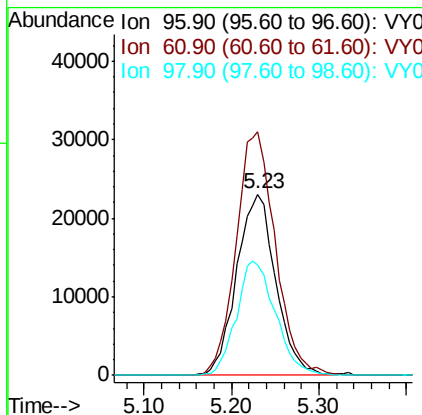
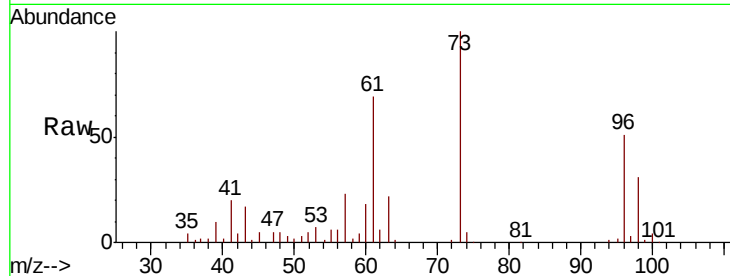
ClientSampleId :

VY1205SBS01

Tot Ion:	96	Resp:	71709
Ion	Ratio	Lower	Upper
96	100		
61	134.4	105.9	158.9
98	60.9	49.4	74.2

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#22

Diisopropyl ether

Concen: 20.860 ug/l

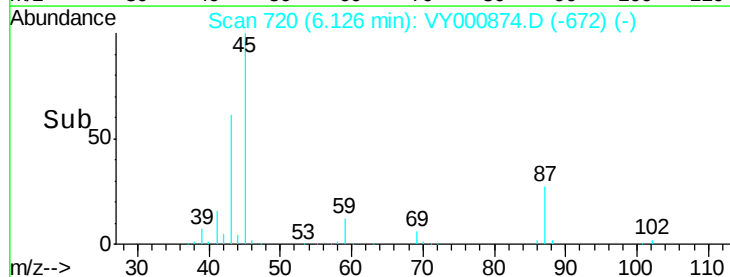
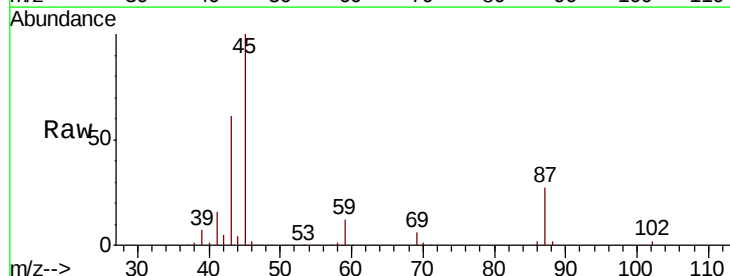
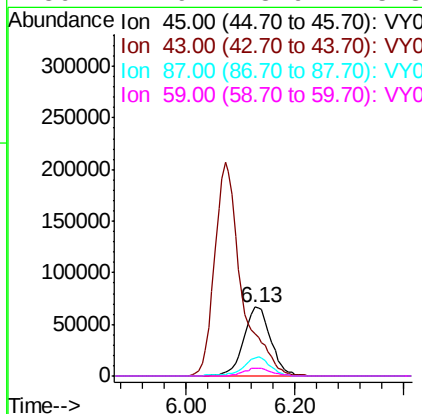
RT: 6.13 min Scan# 720

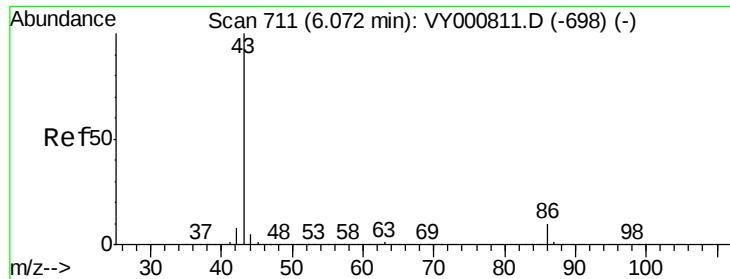
Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Tgt Ion:	45	Resp:	229958
Ion	Ratio	Lower	Upper
45	100		
43	61.1	42.7	64.1
87	26.7	22.0	33.0
59	11.9	8.9	13.3





#23

Vinyl Acetate

Concen: 104.881 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 43 Resp: 702883

Ion Ratio Lower Upper

43 100

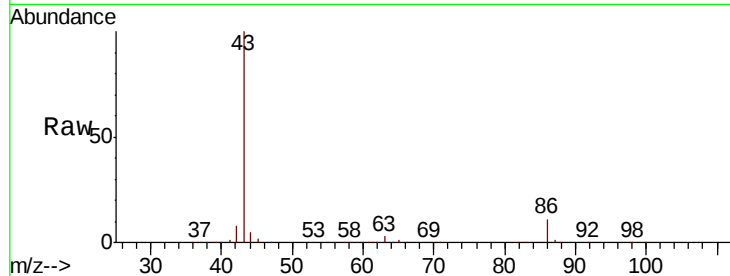
86 10.7 8.3 12.5

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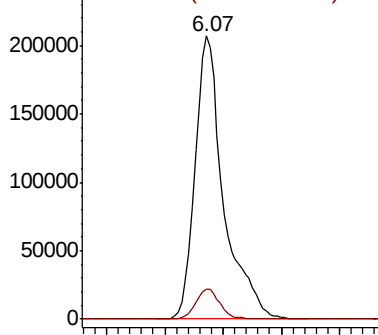
apatel

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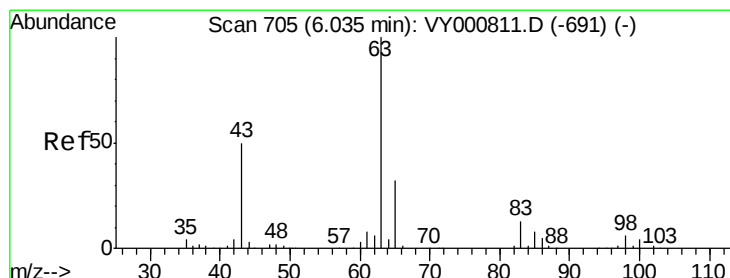
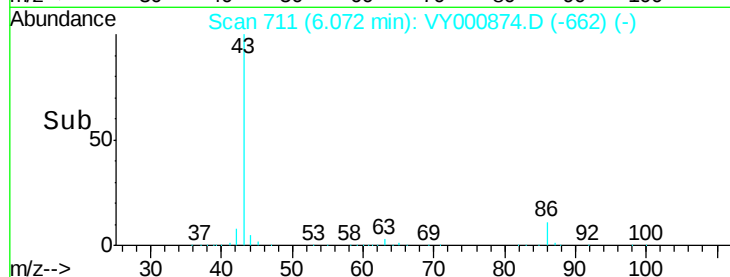


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 20.539 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

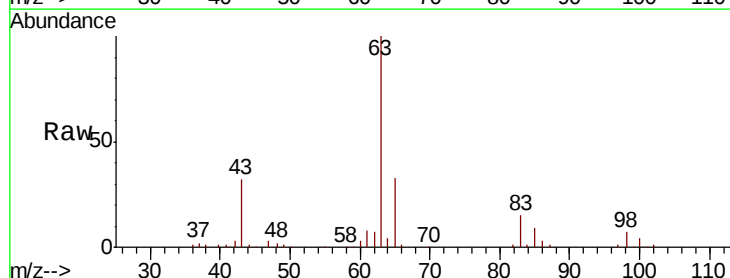
Tgt Ion: 63 Resp: 124793

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

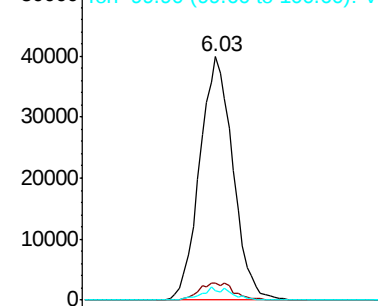
100 4.0 2.2 6.6



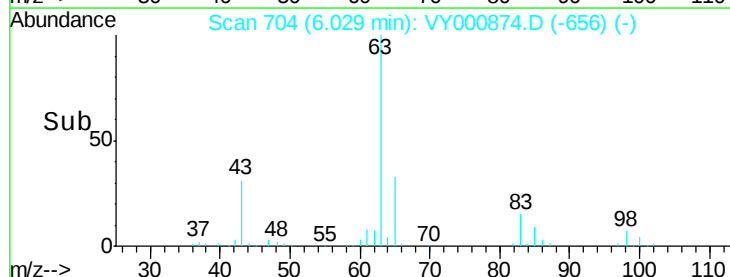
Abundance Ion 62.90 (62.60 to 63.60): VY0

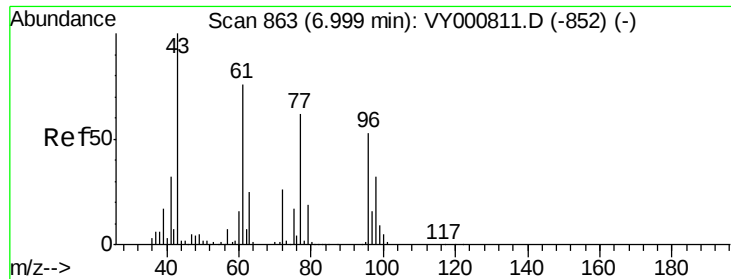
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 95.968 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 43 Resp: 123281

Ion Ratio Lower Upper

43 100

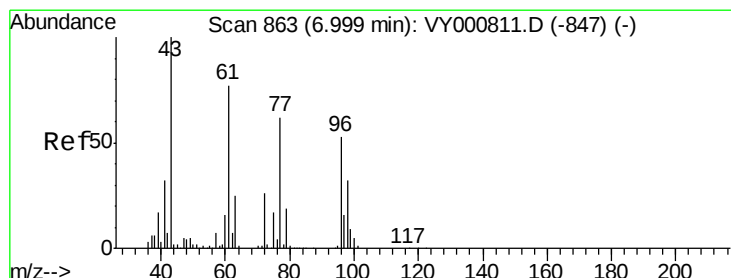
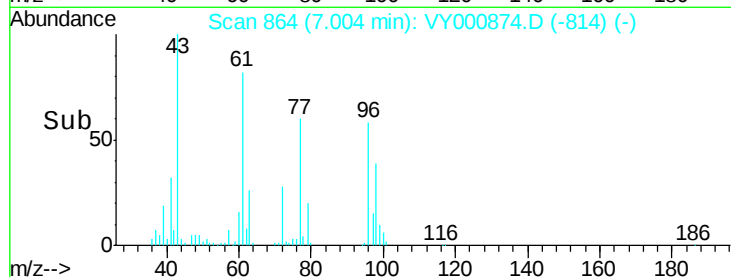
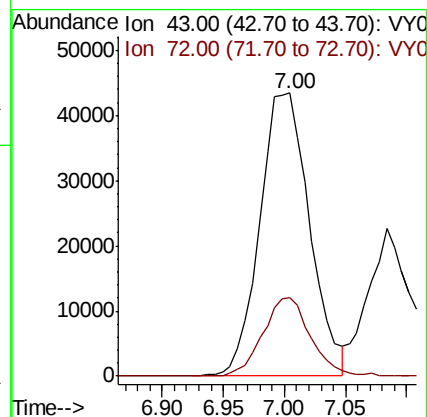
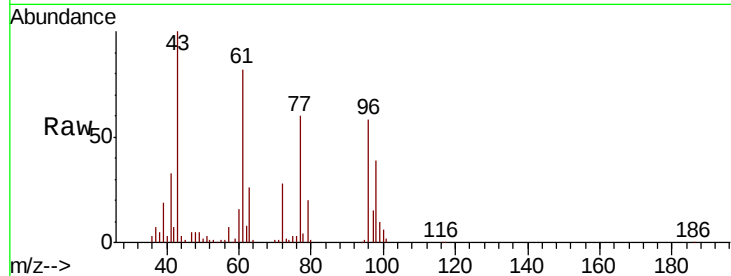
72 27.7 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.053 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000874.D

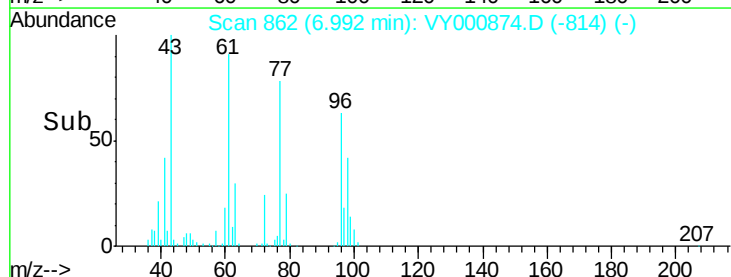
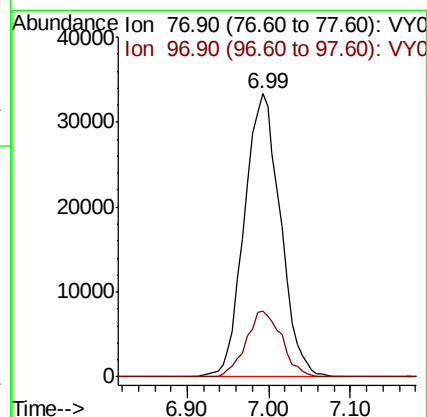
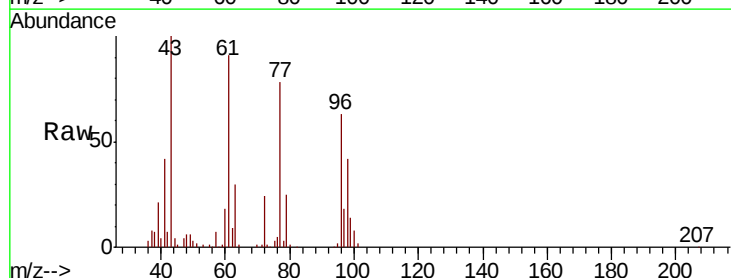
Acq: 05 Dec 2019 11:57

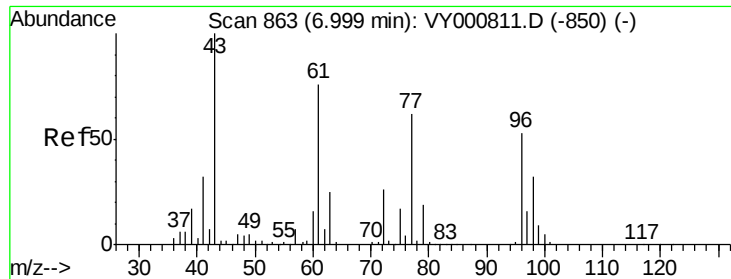
Tgt Ion: 77 Resp: 102546

Ion Ratio Lower Upper

77 100

97 22.9 11.9 35.9





#27

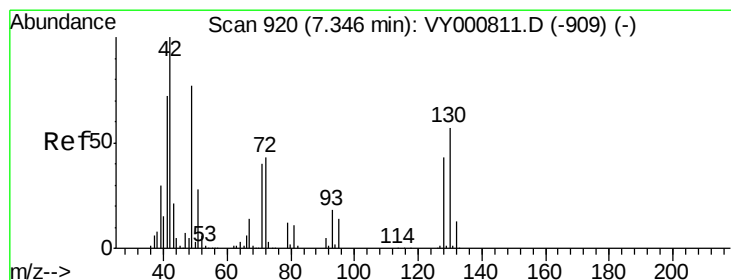
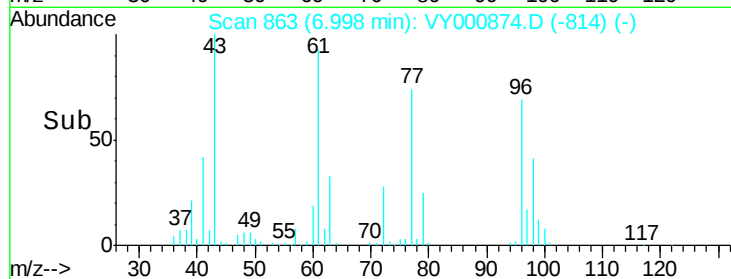
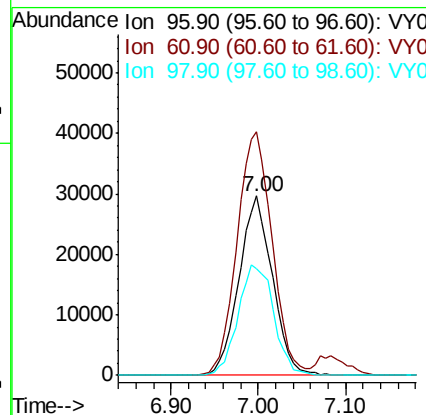
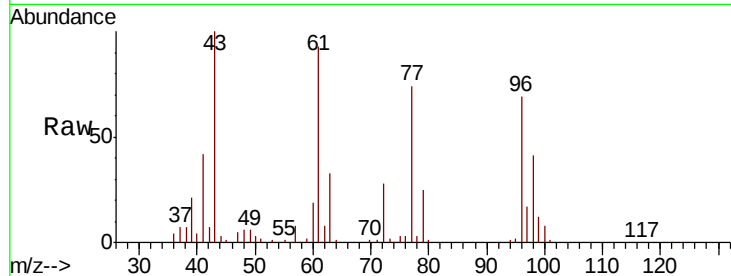
cis-1,2-Dichloroethene
Concen: 20.462 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	142.1	0.0	285.0	
98	65.5	0.0	128.0	

Manual Integrations
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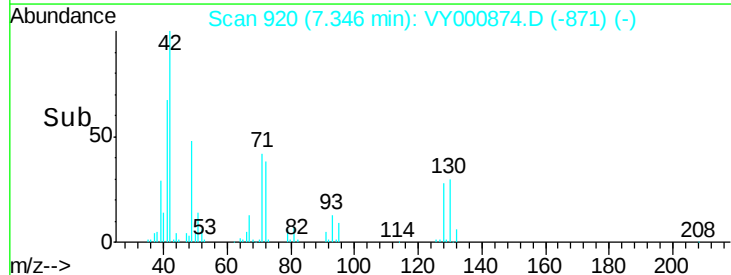
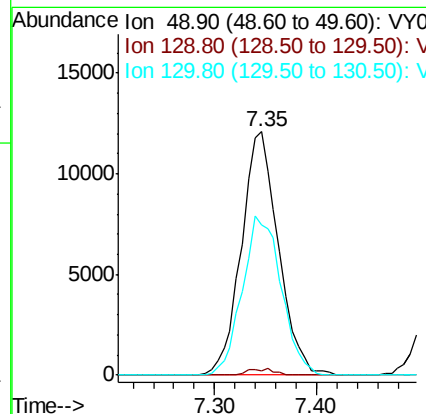
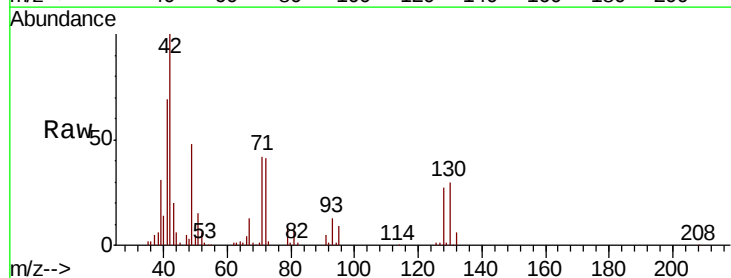
apatel
12/6/2019 10:01:24 AM

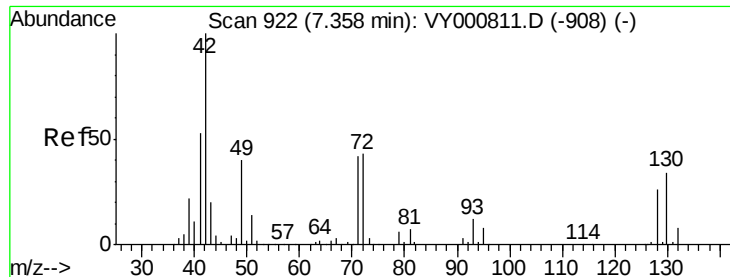


#28

Bromochloromethane
Concen: 15.103 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	3.8	
130	68.7	58.7	88.1	





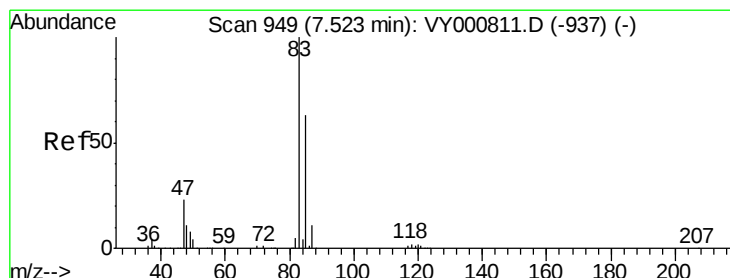
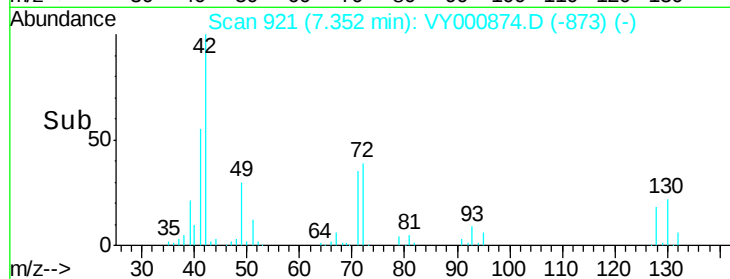
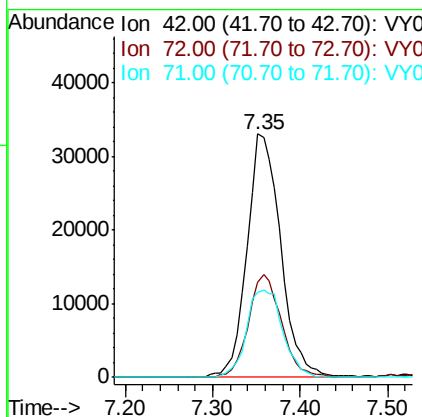
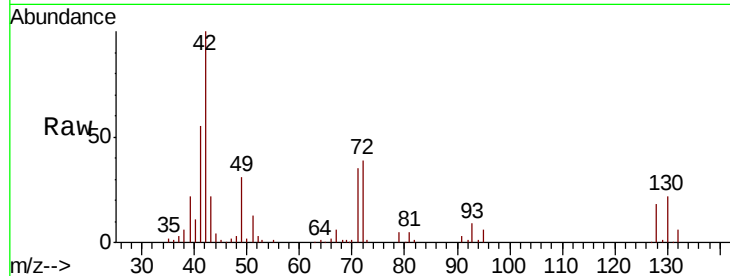
#29
Tetrahydrofuran
Concen: 103.749 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	35.1	52.7
71	38.8	32.8	49.2

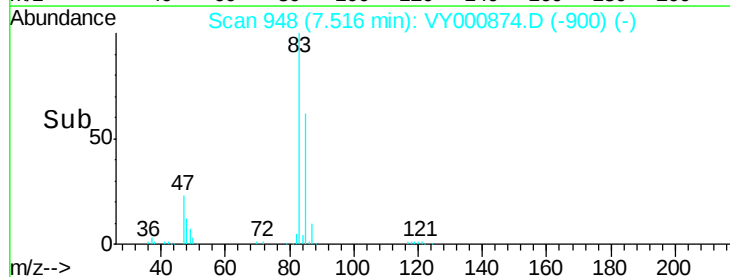
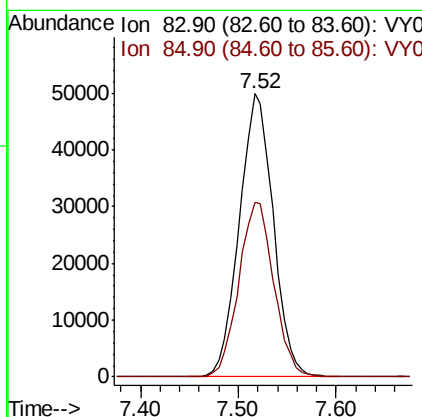
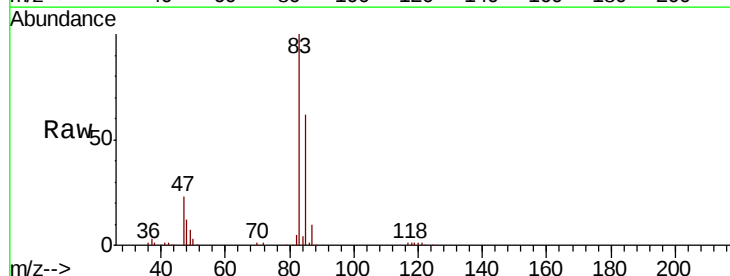
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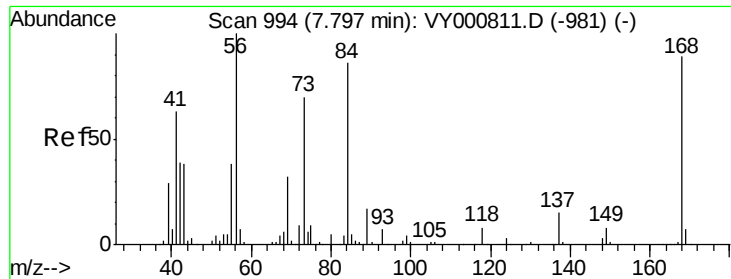
apatel
12/6/2019 10:01:24 AM



#30
Chloroform
Concen: 19.718 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.4	75.6





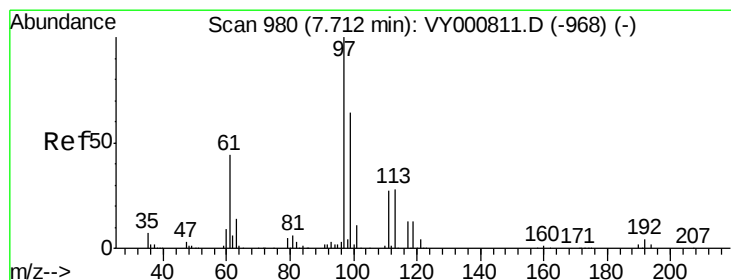
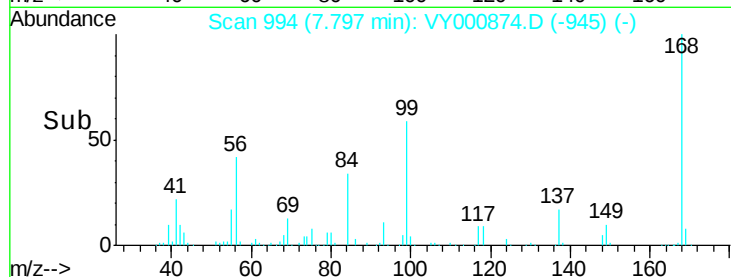
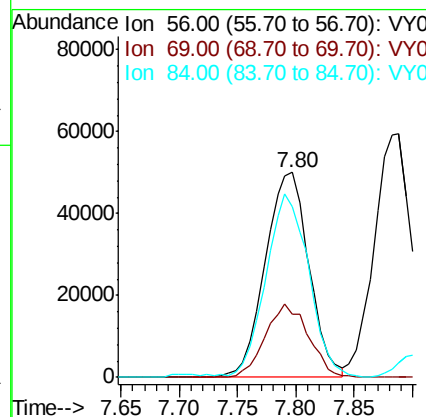
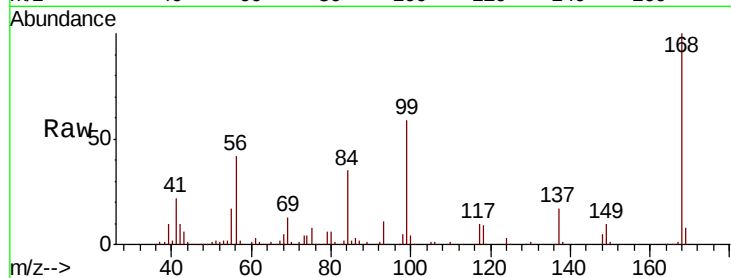
#31
Cyclohexane
Concen: 20.198 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	25.9	38.9
84	81.9	68.6	102.8

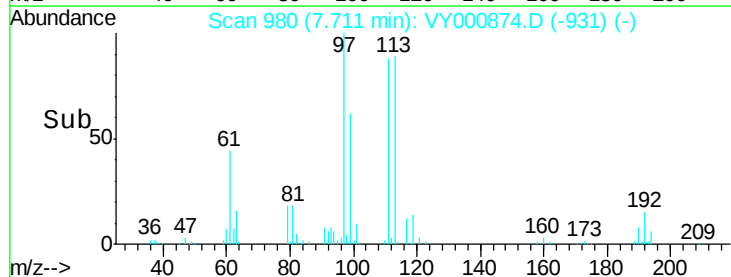
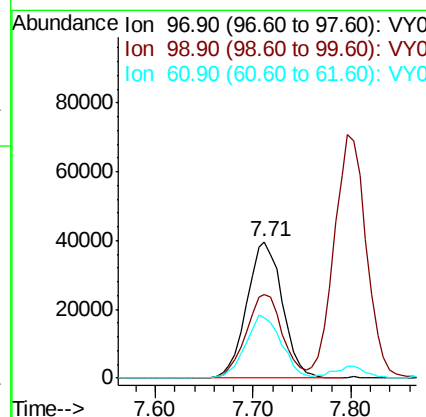
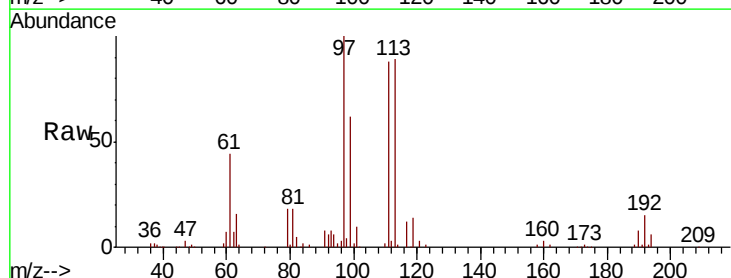
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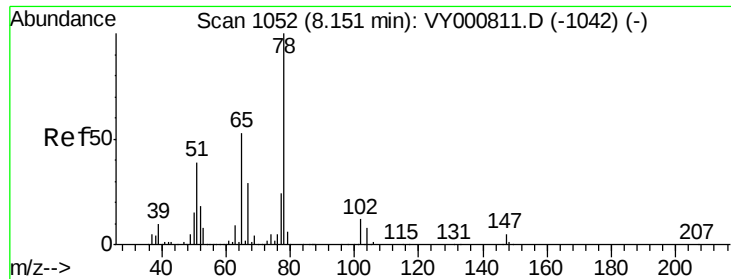
apatel
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#32
1,1,1-Trichloroethane
Concen: 19.960 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.7	77.5
61	46.7	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 51.534 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 65 Resp: 156222

Ion Ratio Lower Upper

65 100

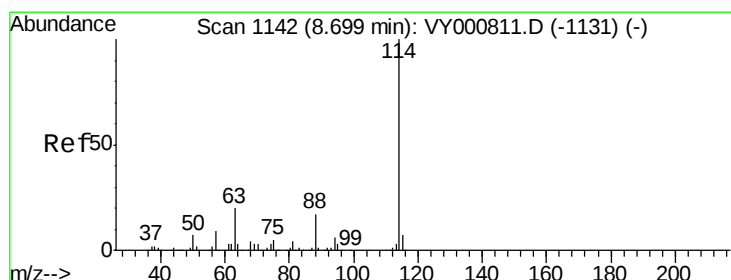
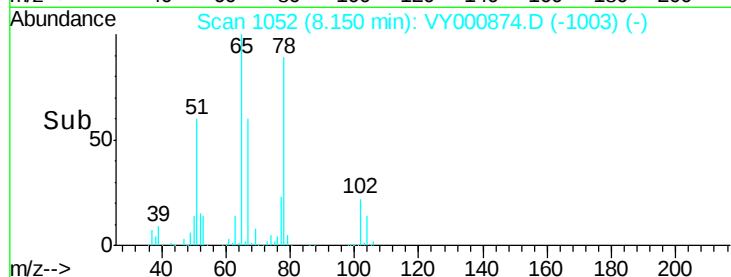
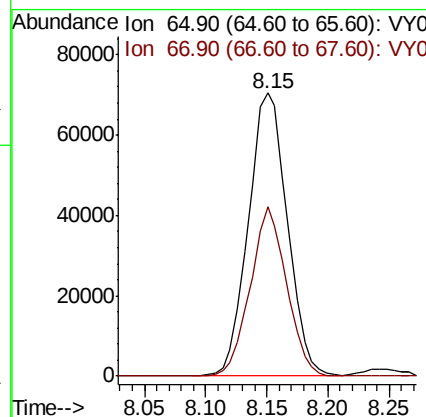
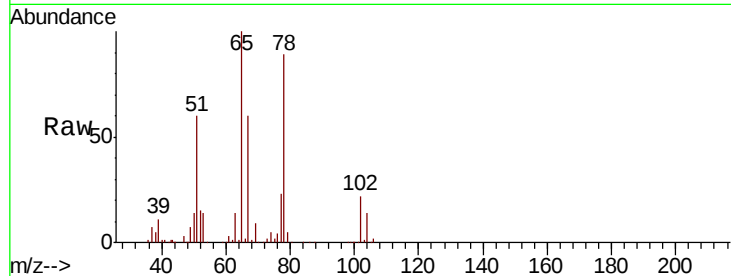
67 55.9 0.0 112.0

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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: VY000874.D

Acq: 05 Dec 2019 11:57

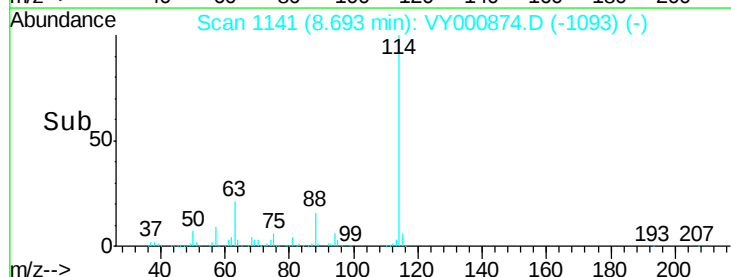
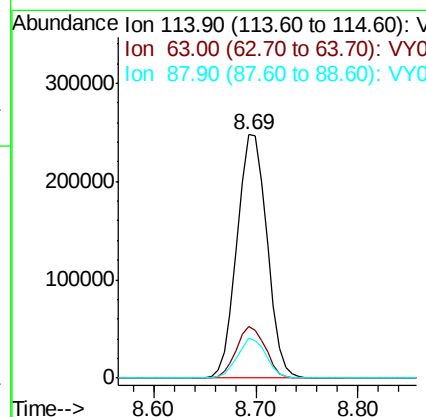
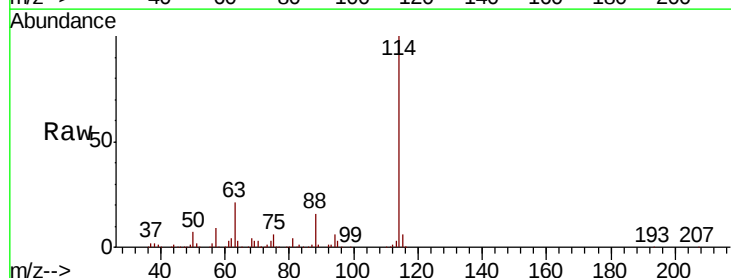
Tgt Ion: 114 Resp: 504256

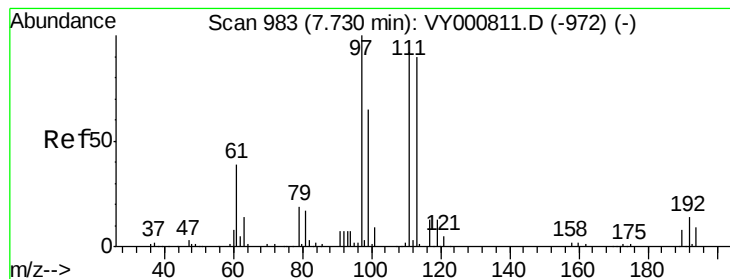
Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.8

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.079 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

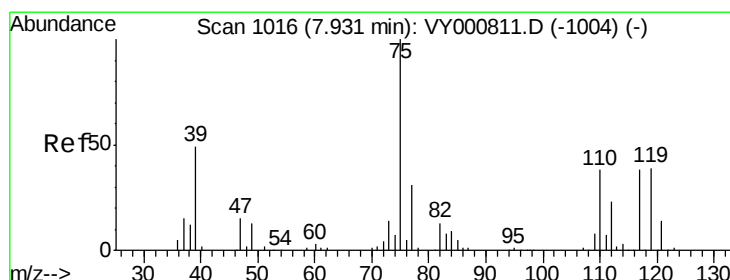
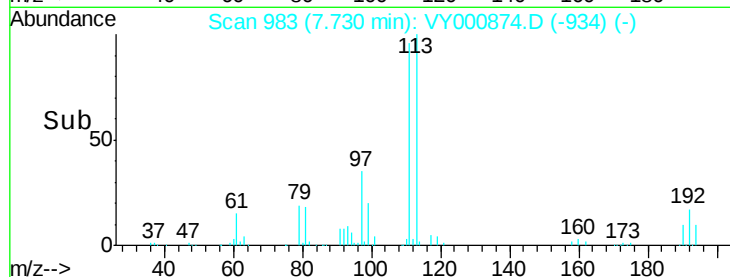
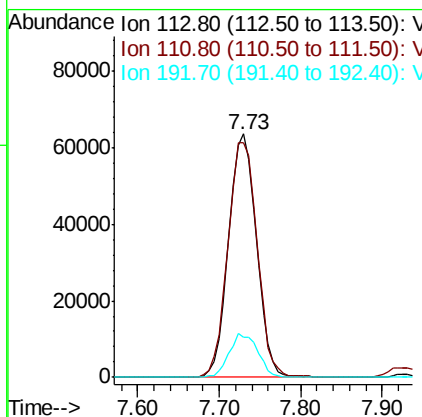
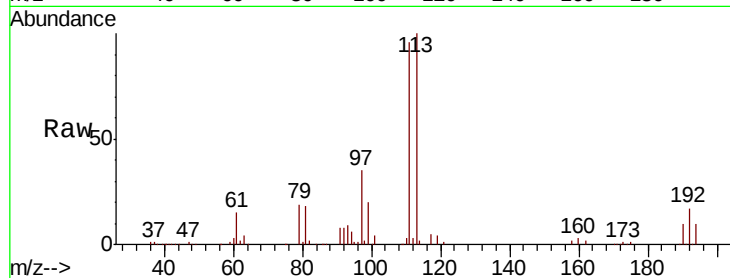
ClientSampleId :

VY1205SBS01

Tot Ion:	113	Resp:	150110
Ion Ratio	Lower	Upper	
113	100		
111	101.5	82.4	123.6
192	18.3	14.2	21.2

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#36

1,1-Dichloropropene

Concen: 19.715 ug/l

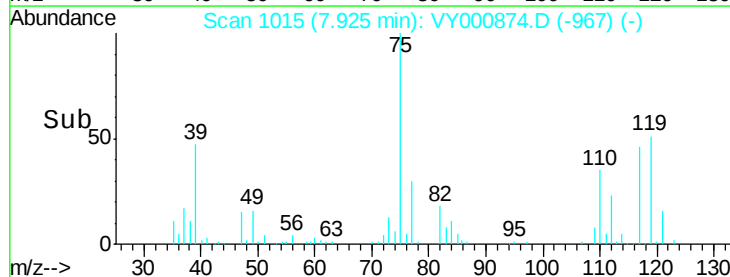
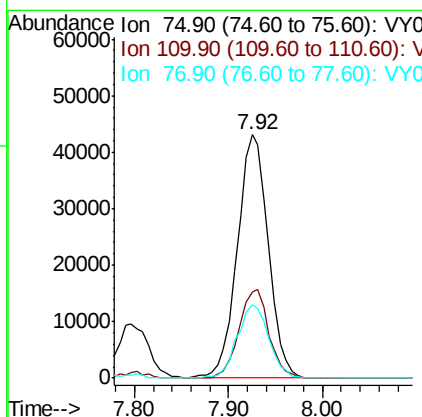
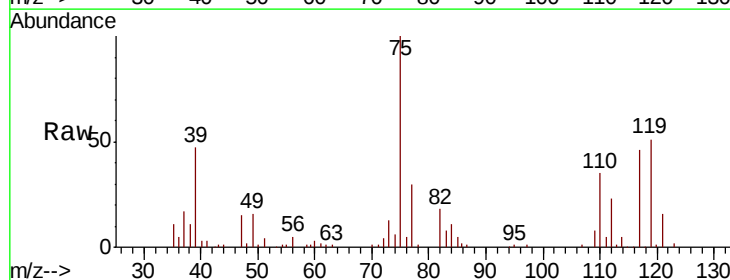
RT: 7.92 min Scan# 1015

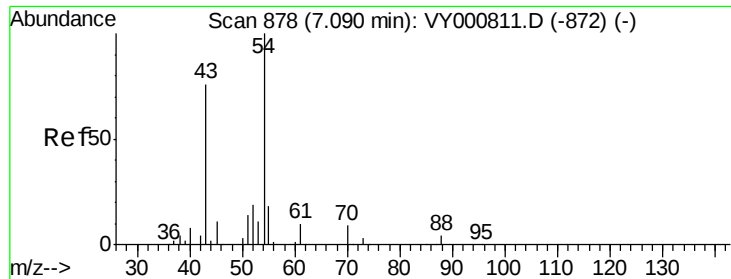
Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Tgt Ion:	75	Resp:	98846
Ion Ratio	Lower	Upper	
75	100		
110	34.9	17.9	53.7
77	30.8	24.7	37.1





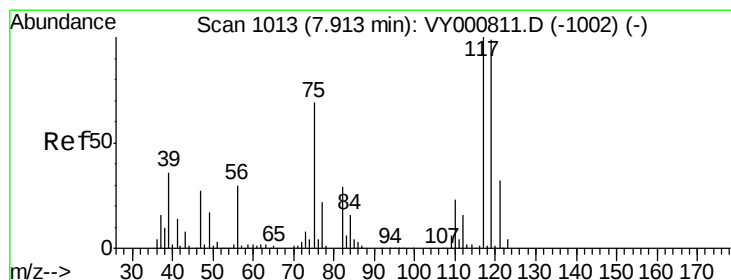
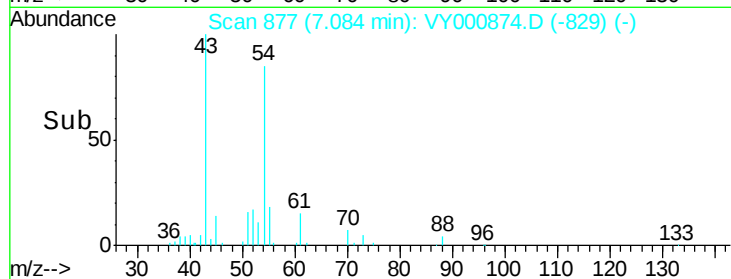
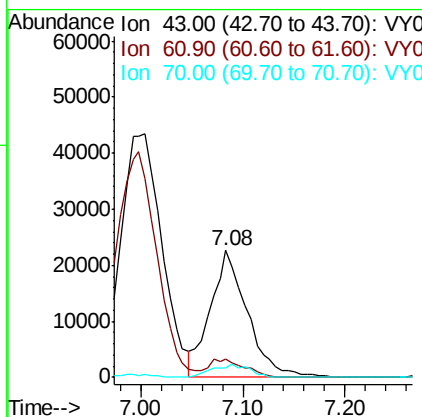
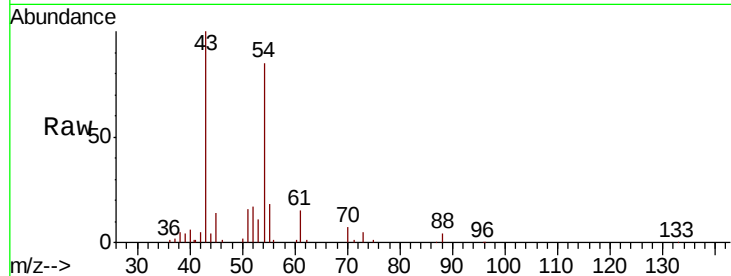
#37
Ethyl Acetate
Concen: 19.508 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
61	14.3	11.8	17.8	
70	10.6	8.7	13.1	

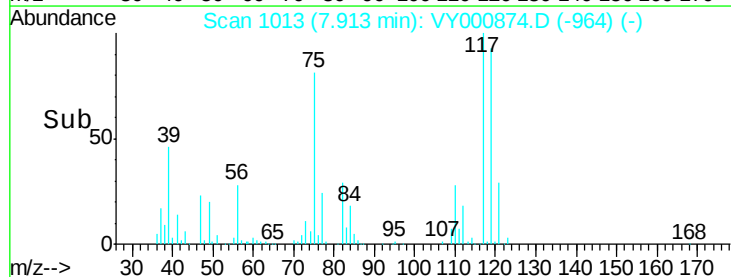
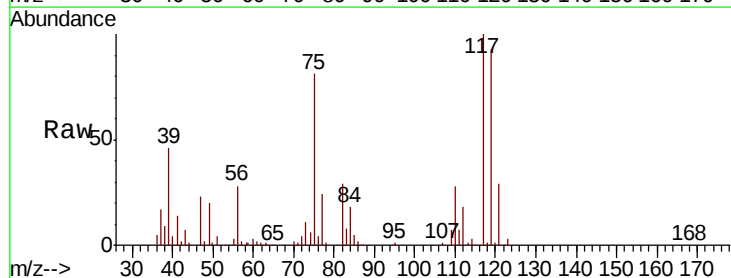
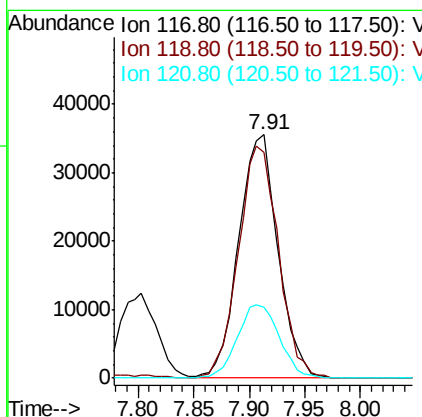
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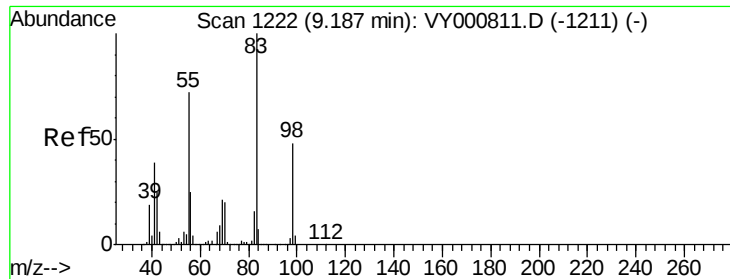
apatel
12/6/2019 10:01:24 AM



#38
Carbon Tetrachloride
Concen: 19.541 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
119	92.6	79.3	118.9	
121	29.2	25.5	38.3	





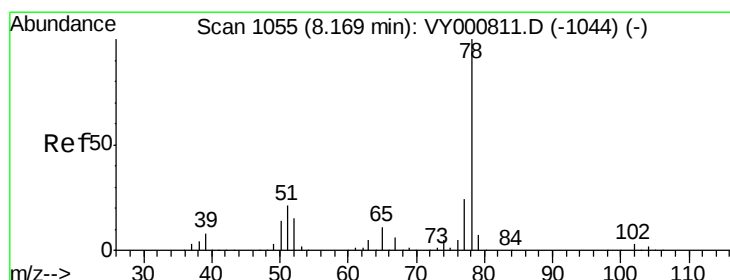
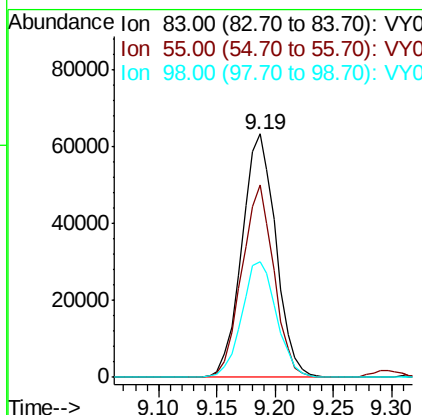
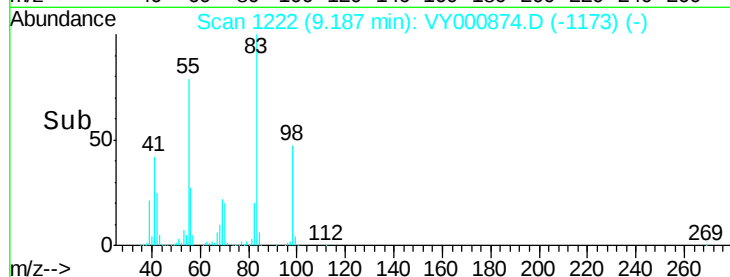
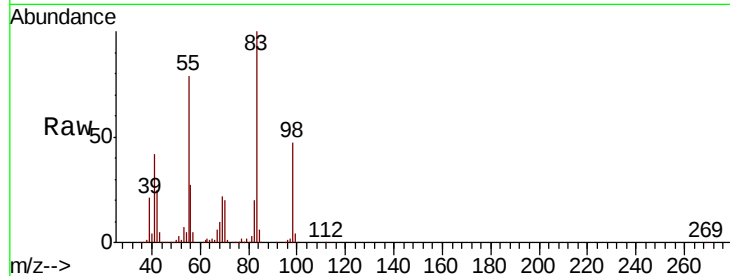
#39
Methvlcvclohexane
Concen: 19.363 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.2	57.8	86.6
98	47.4	38.6	58.0

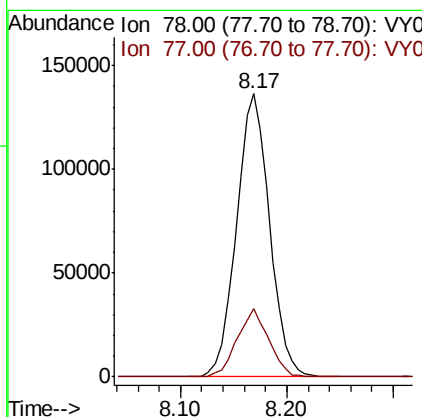
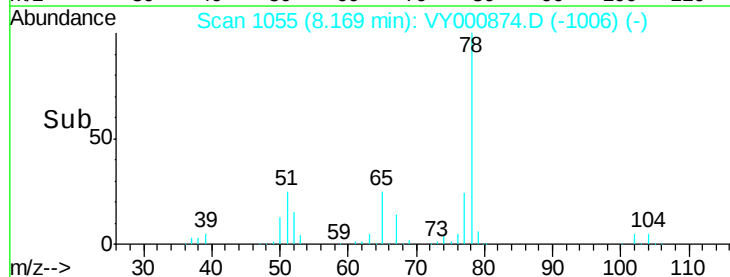
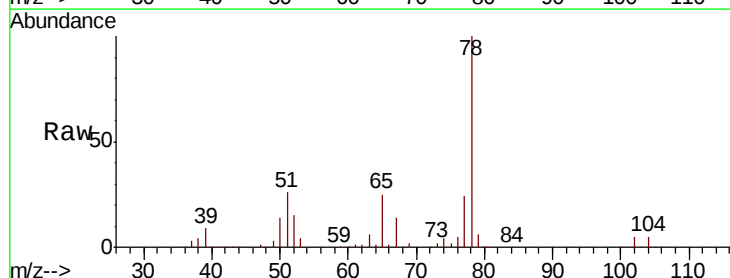
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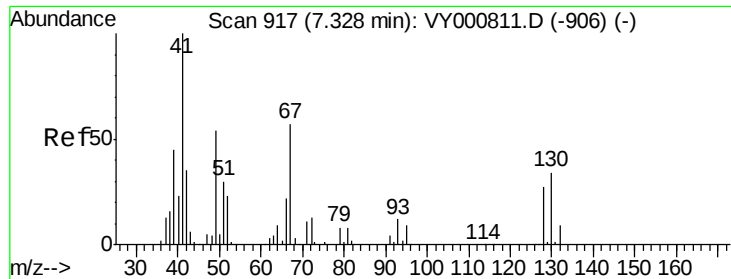
apatel
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#40
Benzene
Concen: 20.330 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





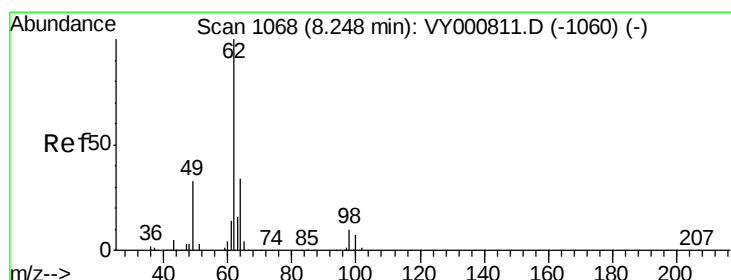
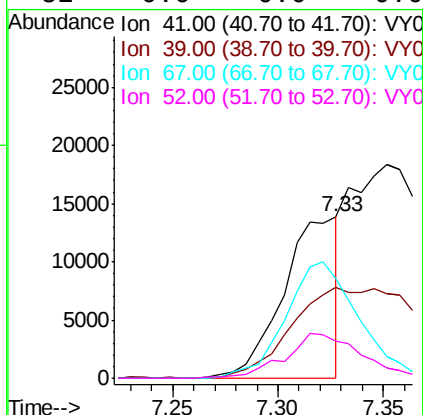
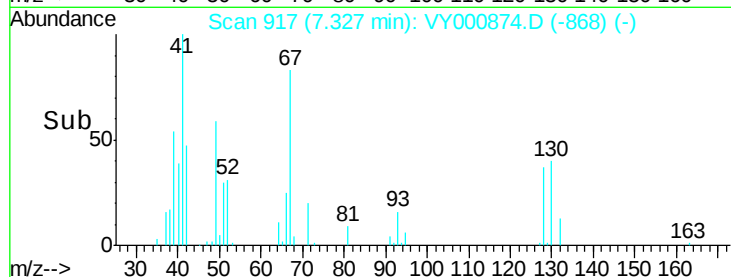
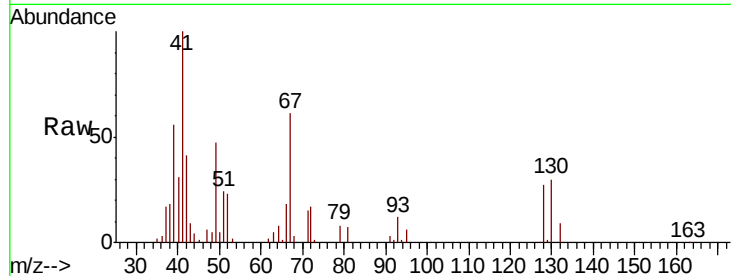
#41
Methacrylonitrile
Concen: 16.675 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion:	41	Resp:	25444
Ion Ratio	Lower	Upper	
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

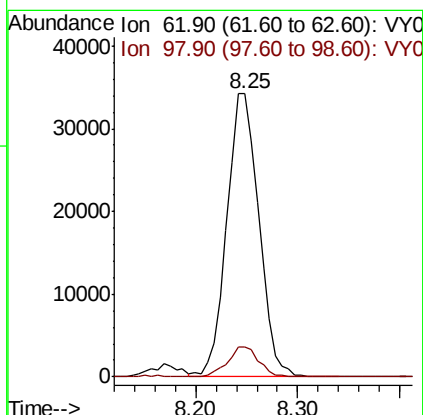
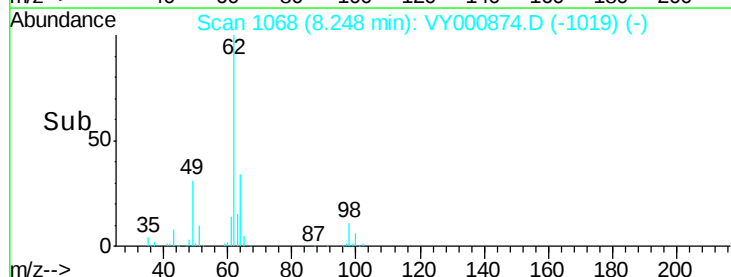
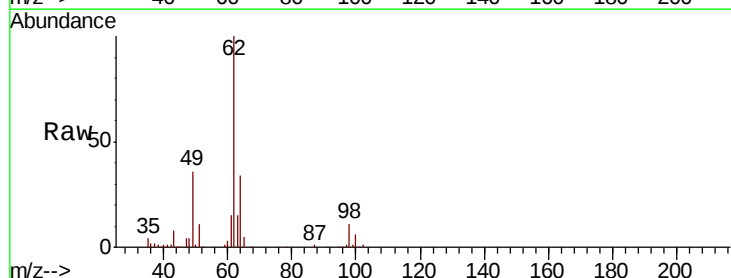
Manual Integrations
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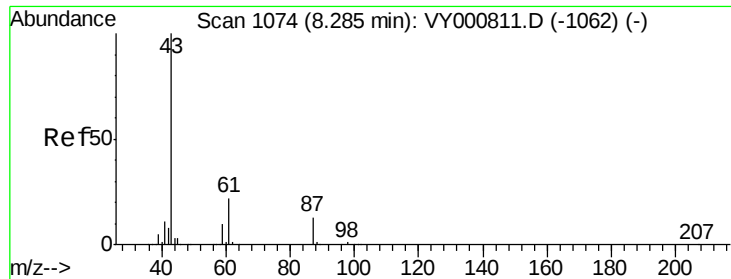
apatel
12/6/2019 10:01:24 AM



#42
1,2-Dichloroethane
Concen: 19.435 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion:	62	Resp:	74647
Ion Ratio	Lower	Upper	
62	100		
98	10.4	0.0	21.4





#43

Isopropyl Acetate

Concen: 19.096 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

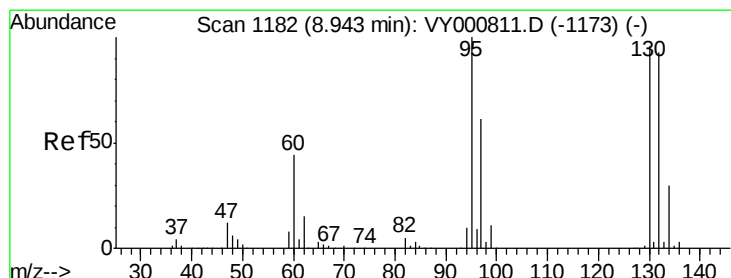
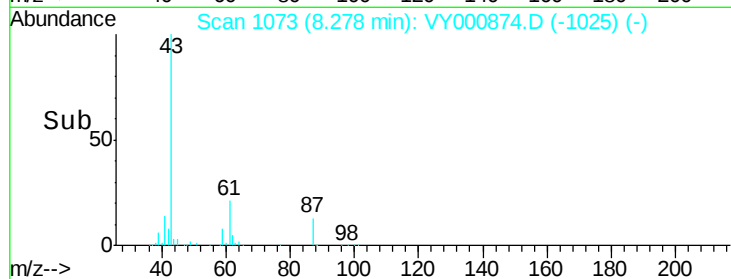
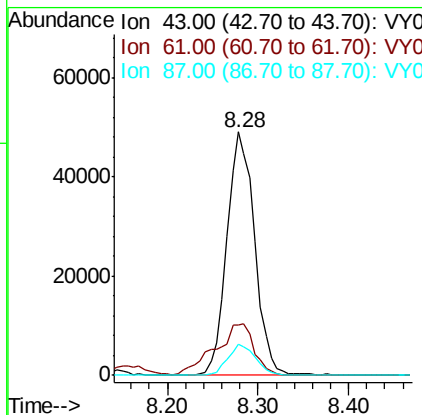
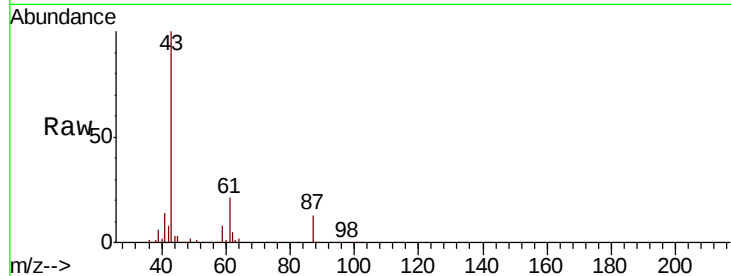
ClientSampleId :

VY1205SBS01

Tot Ion:	43	Resp:	104182
Ion Ratio		Lower	Upper
43	100		
61	29.7	23.7	35.5
87	12.8	10.6	15.8

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#44

Trichloroethene

Concen: 20.071 ug/l

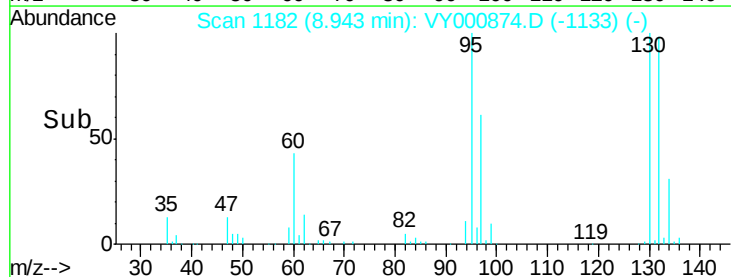
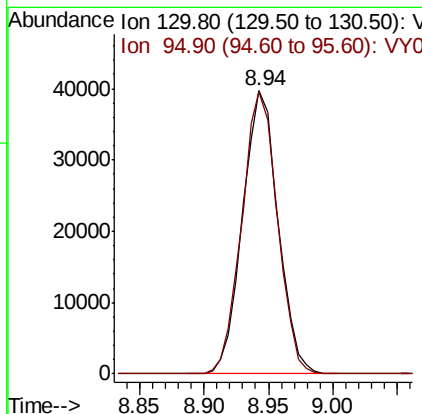
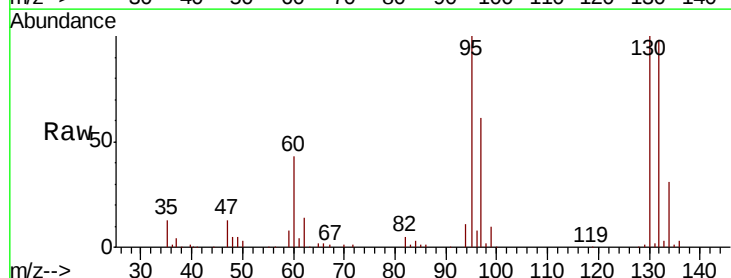
RT: 8.94 min Scan# 1182

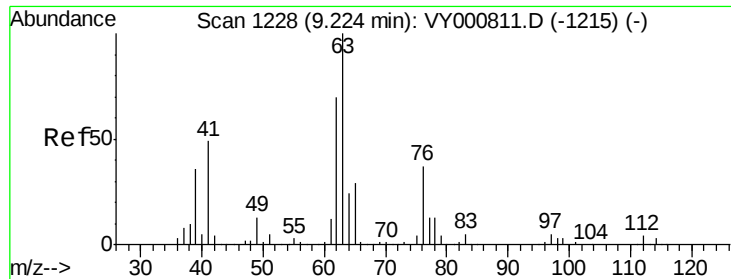
Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Tgt Ion:	130	Resp:	75333
Ion Ratio		Lower	Upper
130	100		
95	99.7	0.0	207.8





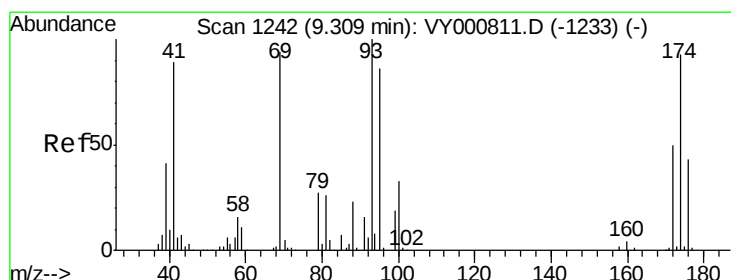
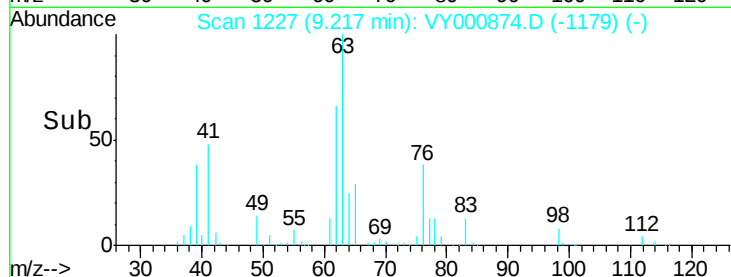
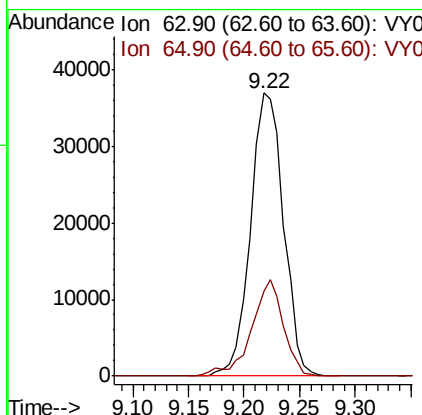
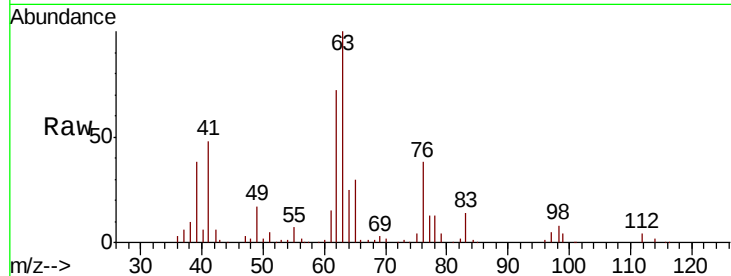
#45
 1,2-Dichloropropane
 Concen: 20.784 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Tot Ion: 63 Resp: 76243
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.2 34.8

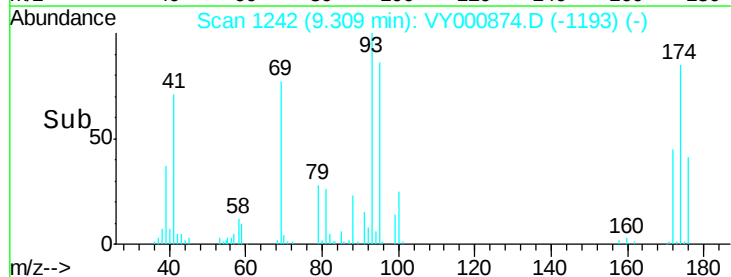
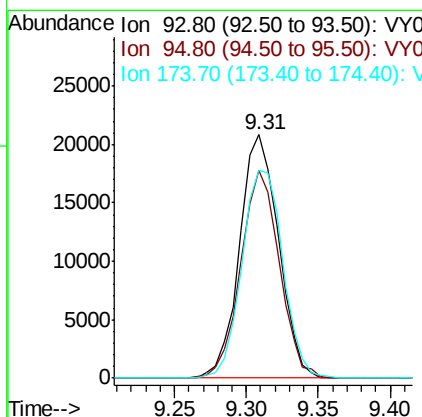
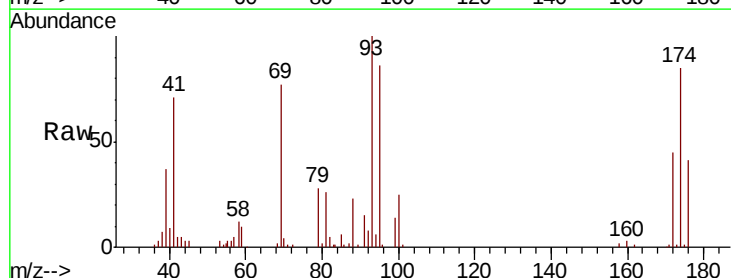
Manual Integrations
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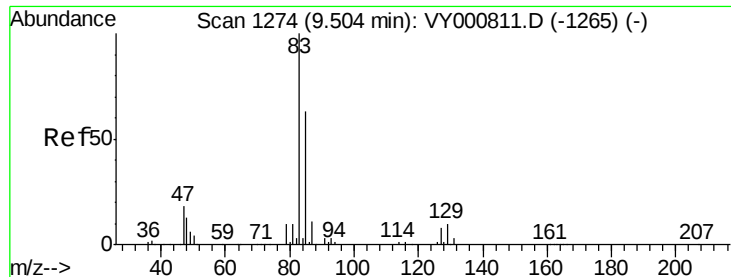
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#46
 Dibromomethane
 Concen: 20.354 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion: 93 Resp: 39012
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.4 99.6
 174 89.5 73.0 109.6





#47

Bromodichloromethane

Concen: 19.829 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

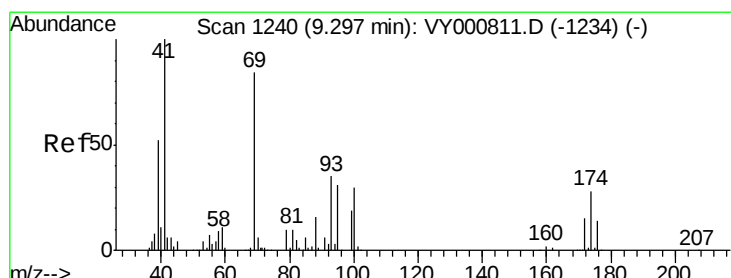
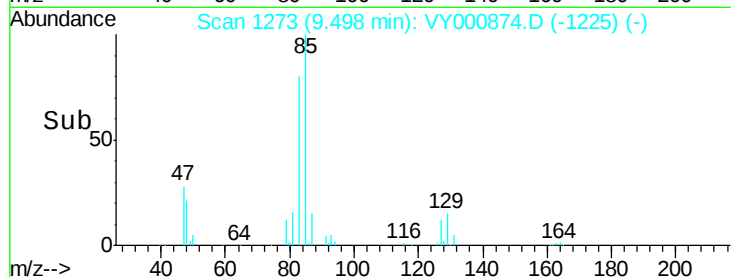
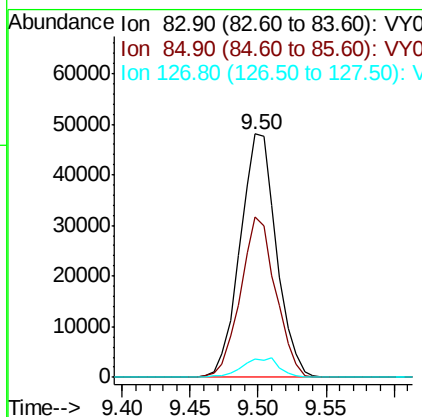
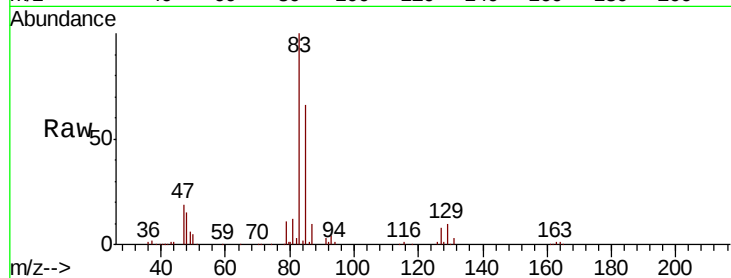
ClientSampleId :

VY1205SBS01

Tot Ion:	83	Resp:	89281
Ion Ratio	Lower	Upper	
83	100		
85	65.8	50.8	76.2
127	7.7	6.6	10.0

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#48

Methyl methacrylate

Concen: 19.383 ug/l

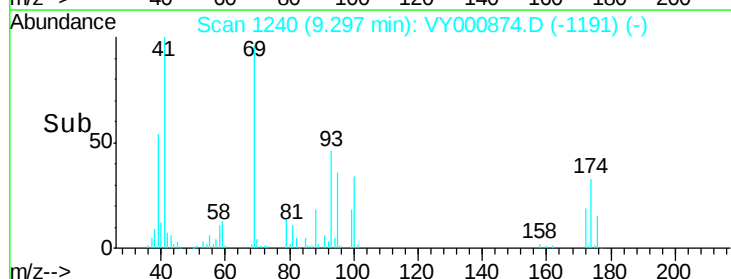
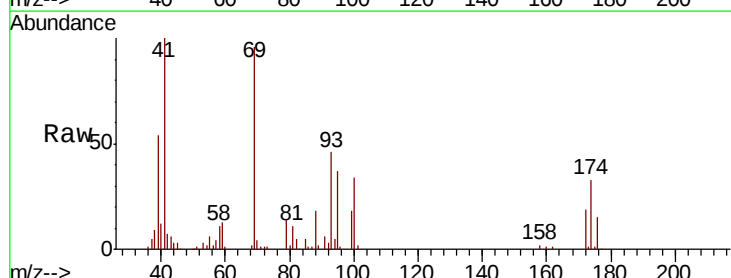
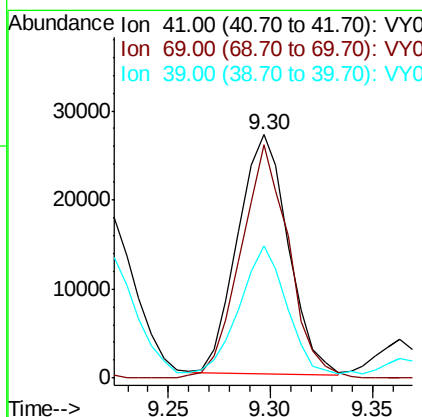
RT: 9.30 min Scan# 1240

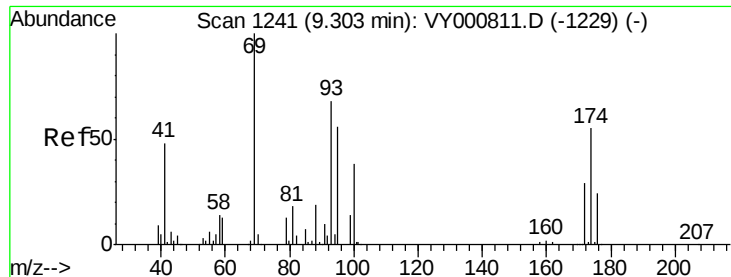
Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Tgt Ion:	41	Resp:	46500
Ion Ratio	Lower	Upper	
41	100		
69	92.7	70.4	105.6
39	53.7	40.9	61.3





#49

1,4-Dioxane

Concen: 387.177 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

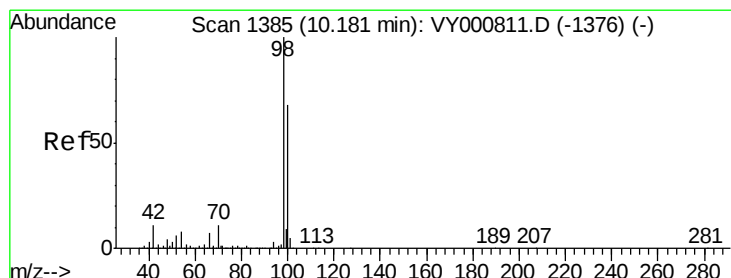
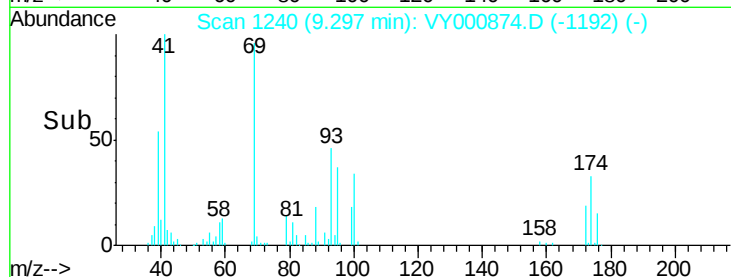
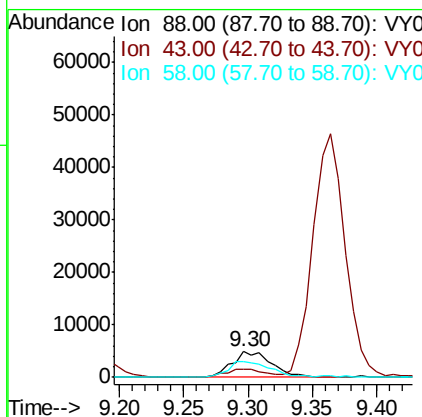
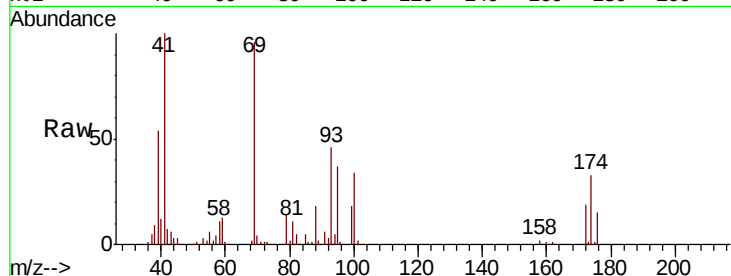
ClientSampleId :

VY1205SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	21.1	31.7#
58	68.0	50.7	76.1

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#50

Toluene-d8

Concen: 52.692 ug/l

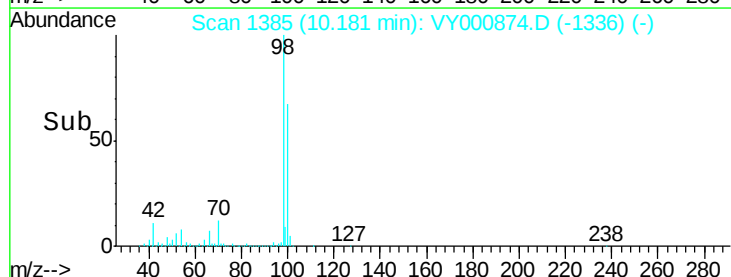
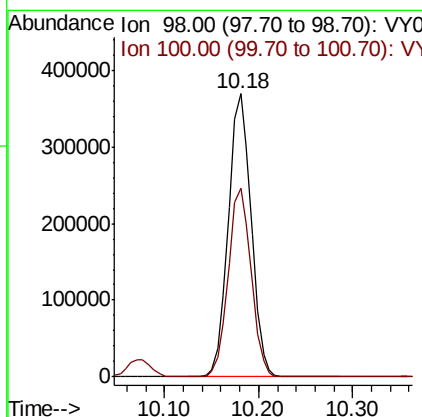
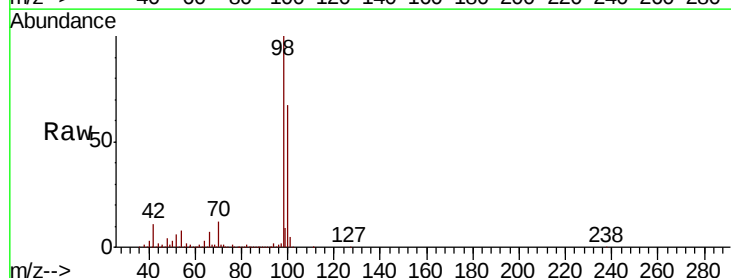
RT: 10.18 min Scan# 1385

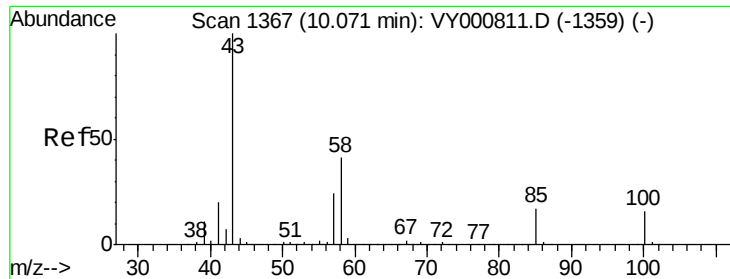
Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 99.198 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 43 Resp: 279620

Ion Ratio Lower Upper

43 100

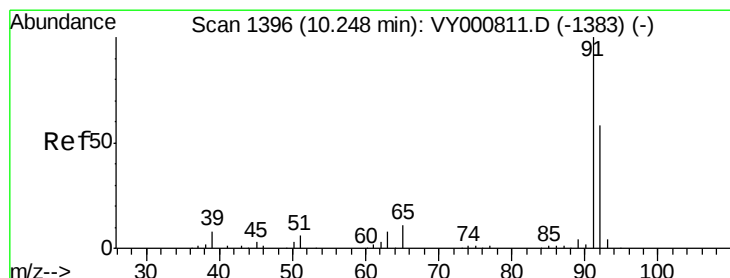
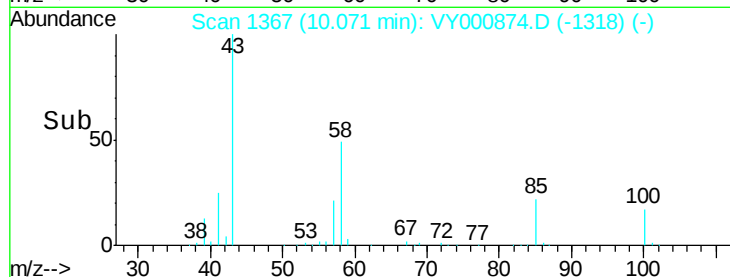
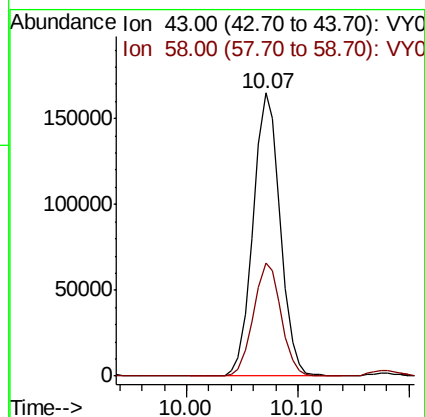
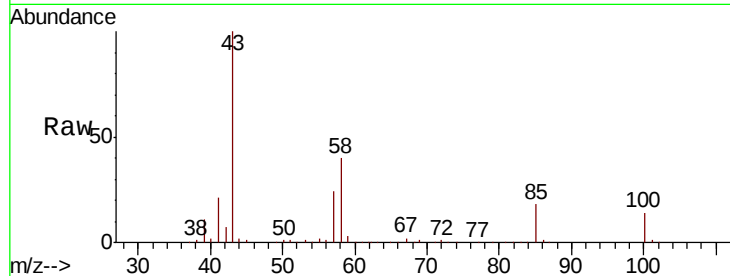
58 40.7 33.1 49.7

Manual Integrations

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#52

Toluene

Concen: 20.093 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000874.D

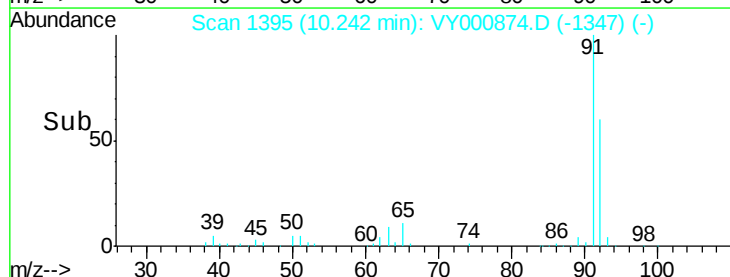
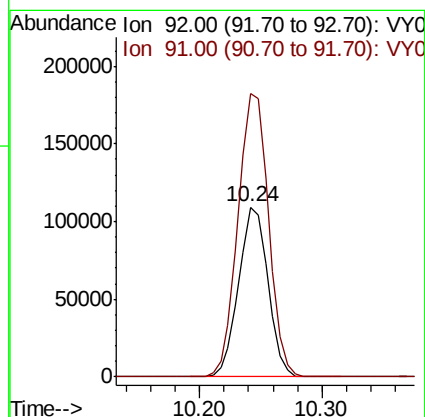
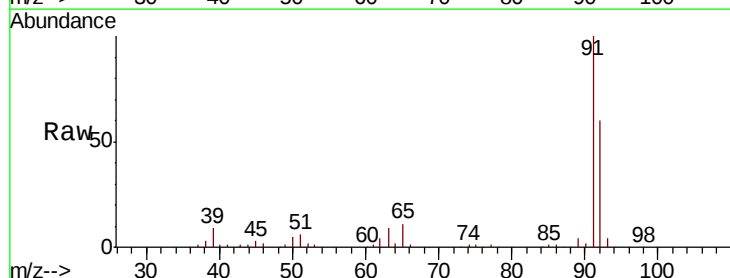
Acq: 05 Dec 2019 11:57

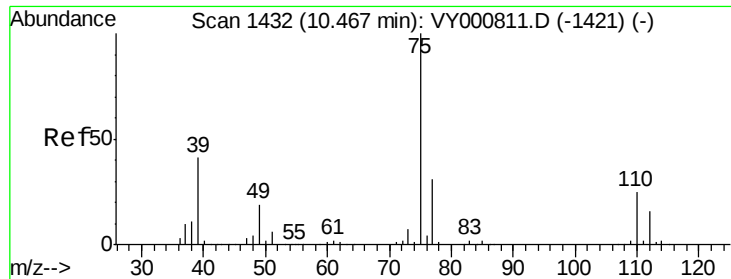
Tgt Ion: 92 Resp: 181692

Ion Ratio Lower Upper

92 100

91 173.9 136.6 204.8





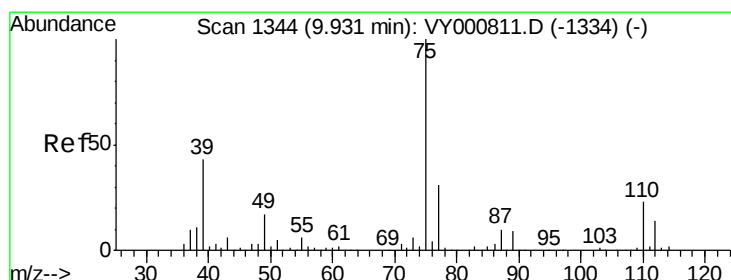
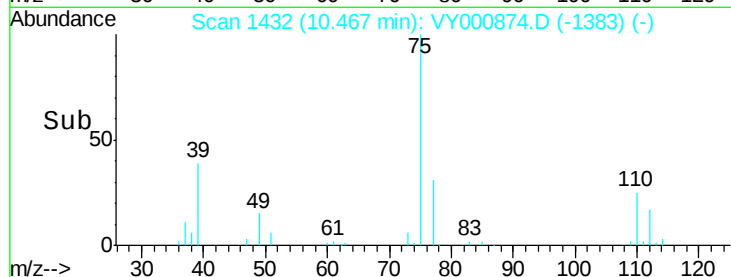
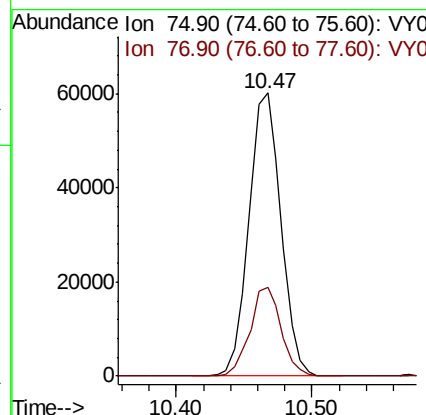
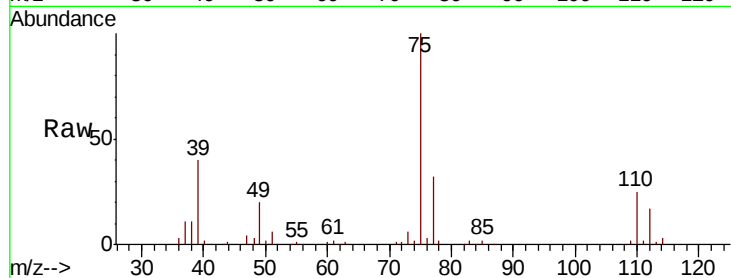
#53
t-1,3-Dichloropropene
Concen: 20.509 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion: 75 Resp: 99214
Ion Ratio Lower Upper
75 100
77 31.6 25.1 37.7

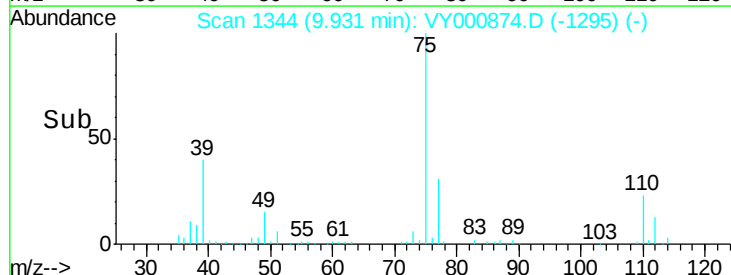
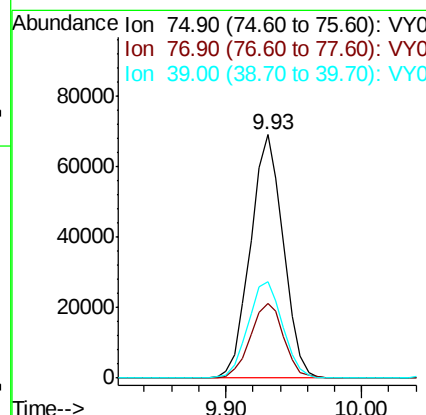
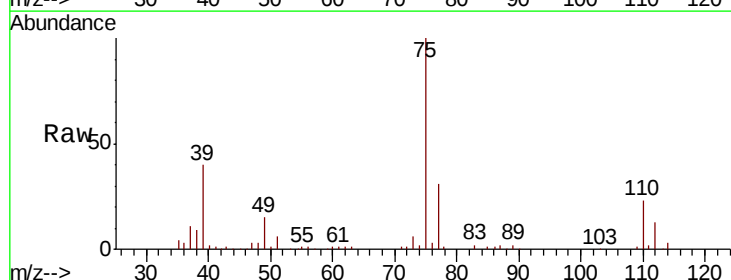
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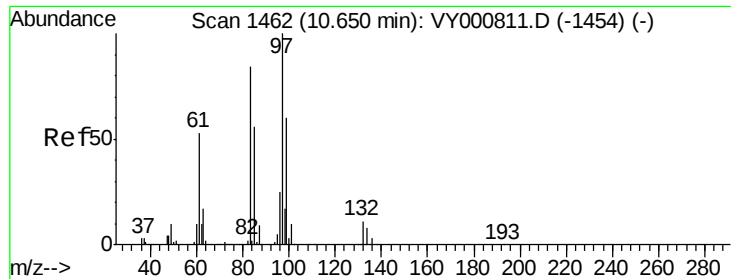
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#54
cis-1,3-Dichloropropene
Concen: 20.473 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion: 75 Resp: 117062
Ion Ratio Lower Upper
75 100
77 30.6 24.7 37.1
39 39.8 34.5 51.7





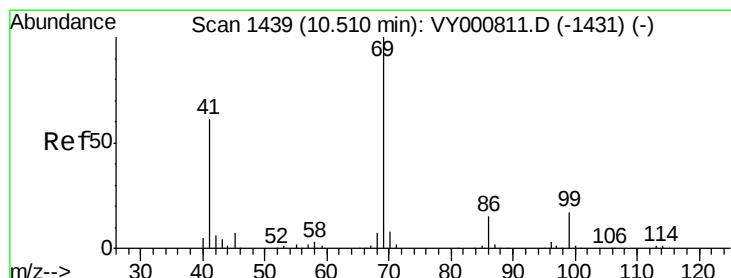
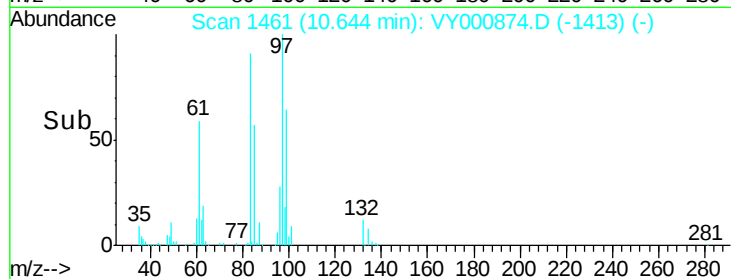
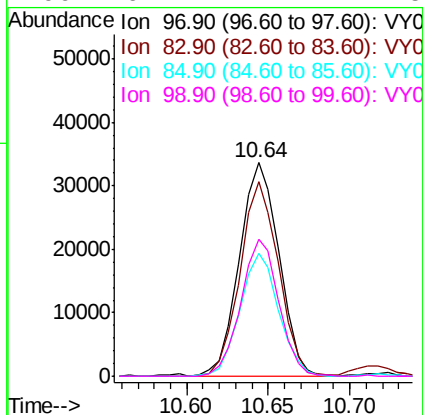
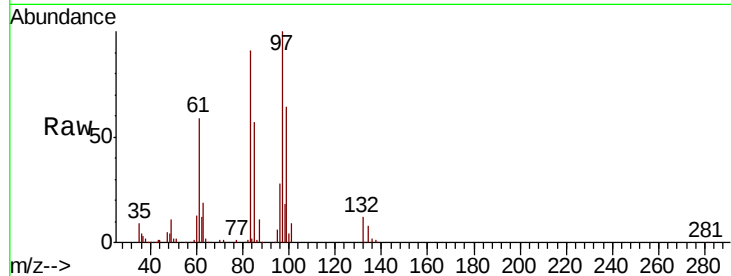
#55
 1,1,2-Trichloroethane
 Concen: 20.148 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Tot Ion:	97	Resp:	57054
Ion	Ratio	Lower	Upper
97	100		
83	90.9	67.5	101.3
85	57.5	44.5	66.7
99	64.2	47.7	71.5

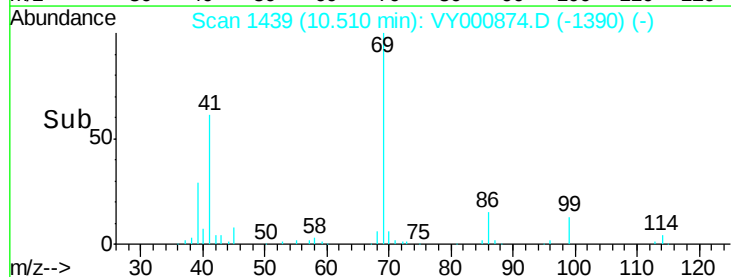
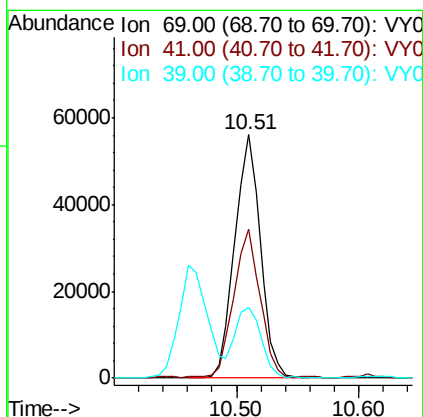
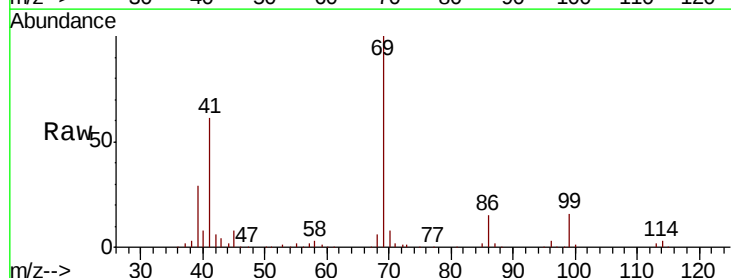
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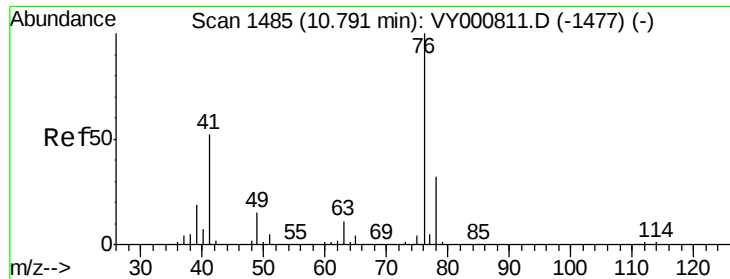
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#56
 Ethyl methacrylate
 Concen: 20.187 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion:	69	Resp:	81777
Ion	Ratio	Lower	Upper
69	100		
41	62.0	49.0	73.6
39	29.4	23.1	34.7





#57

1,3-Dichloropropane

Concen: 20.120 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 76 Resp: 99302

Ion Ratio Lower Upper

76 100

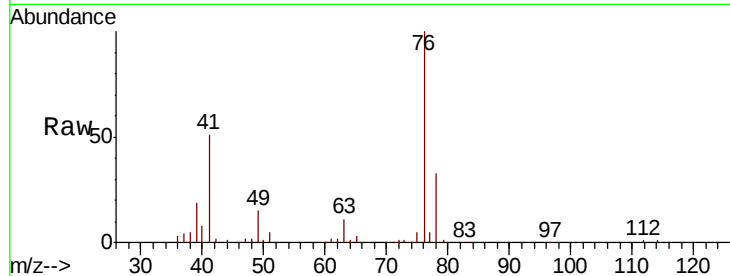
78 33.0 26.4 39.6

Manual Integrations

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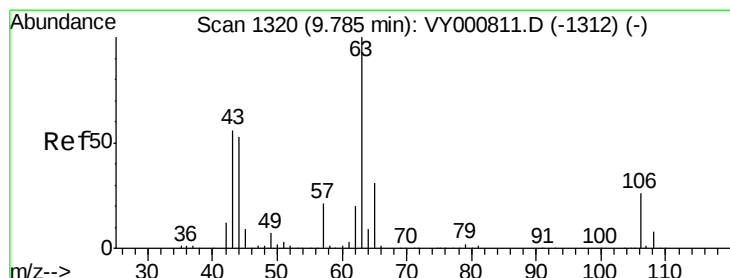
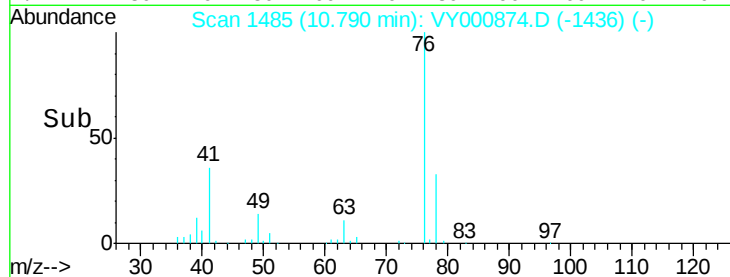
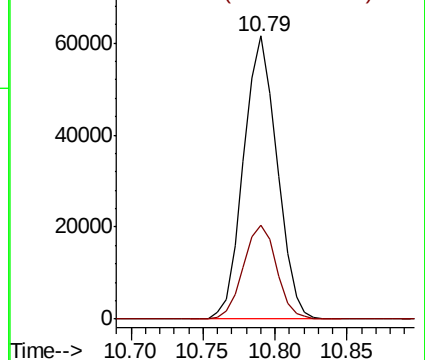
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 100.752 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000874.D

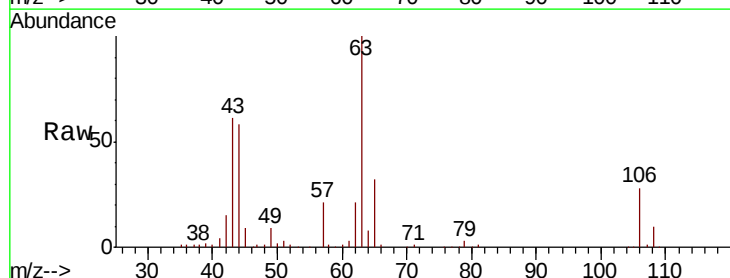
Acq: 05 Dec 2019 11:57

Tgt Ion: 63 Resp: 164568

Ion Ratio Lower Upper

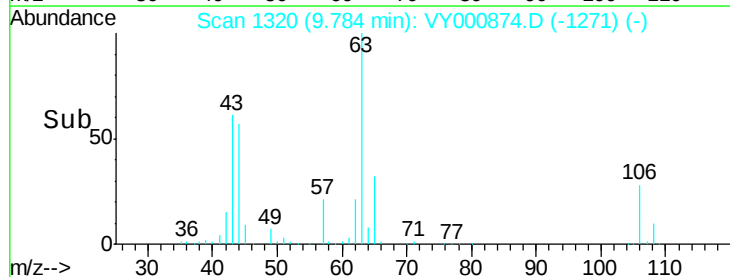
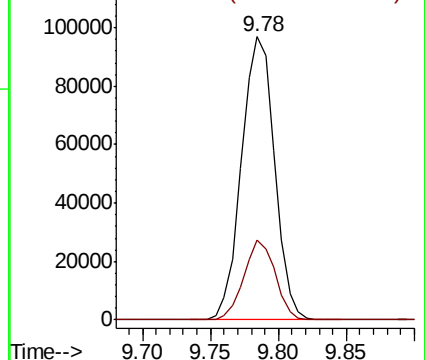
63 100

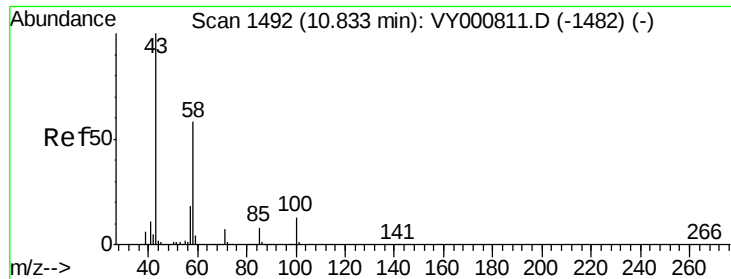
106 26.9 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





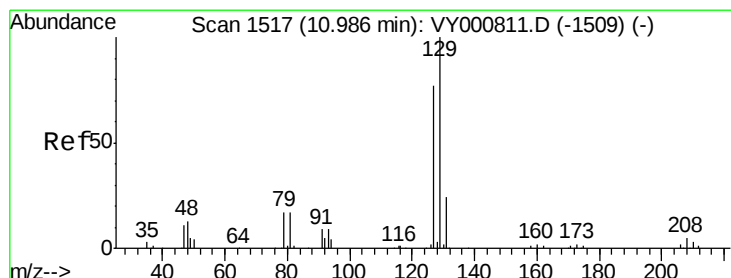
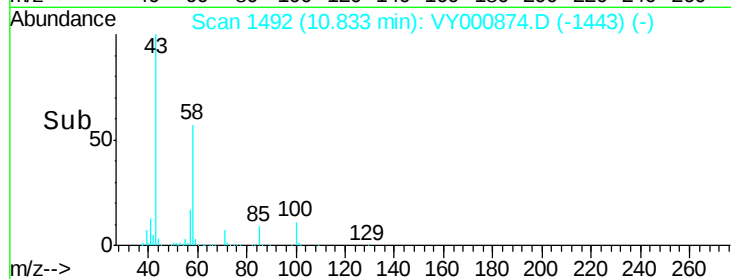
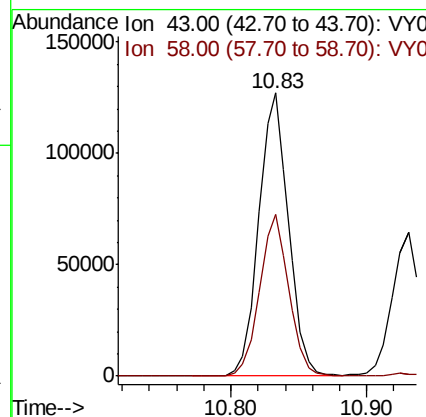
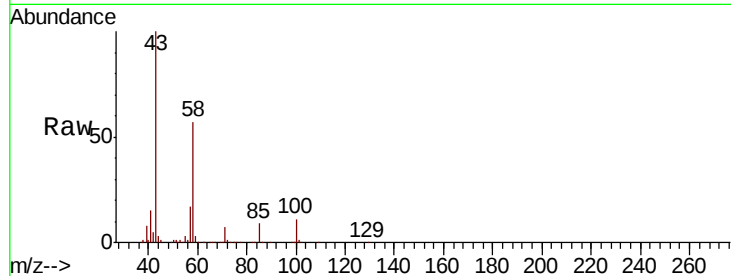
#59
2-Hexanone
Concen: 94.666 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.6	29.0	87.1

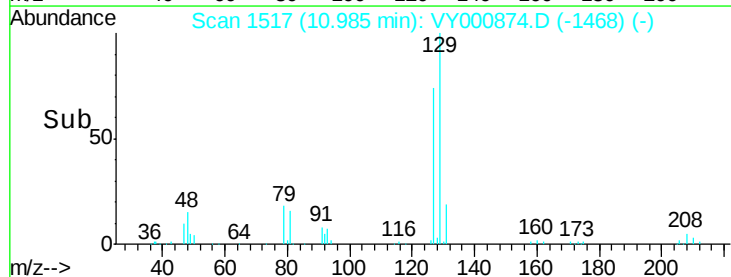
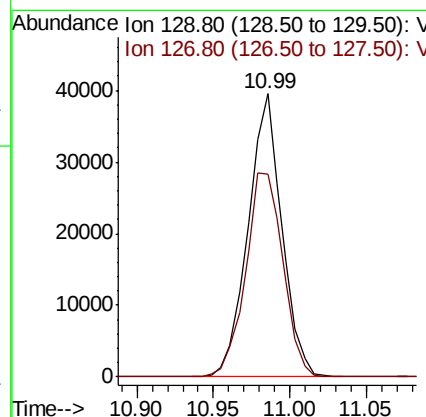
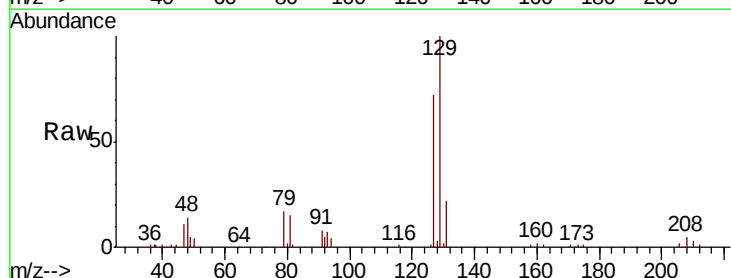
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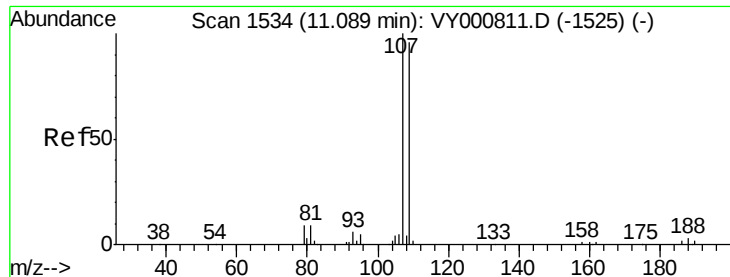
apatel
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#60
Dibromochloromethane
Concen: 19.822 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.7	39.1	117.2





#61

1,2-Dibromoethane

Concen: 20.378 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 107 Resp: 54384

Ion Ratio Lower Upper

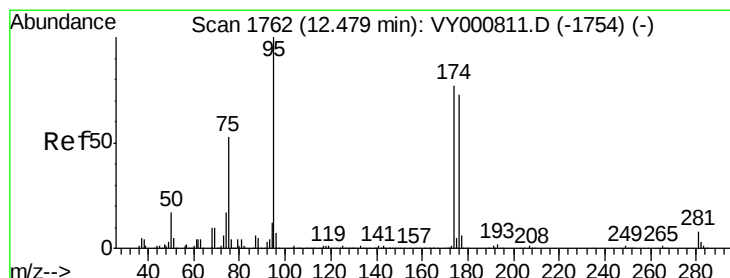
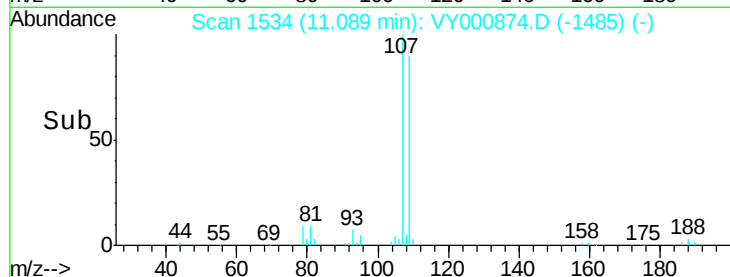
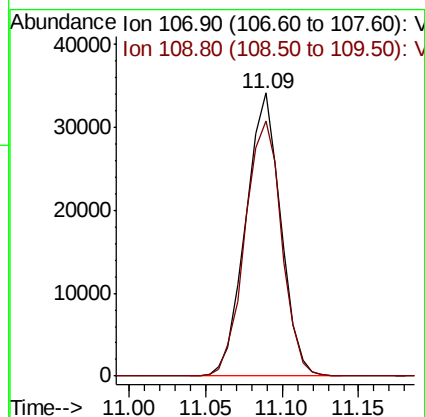
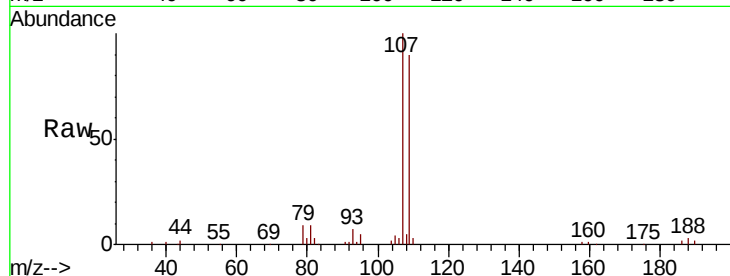
107 100

109 94.1 75.9 113.9

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 48.221 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

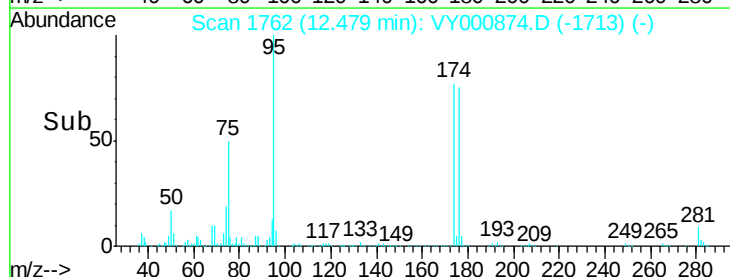
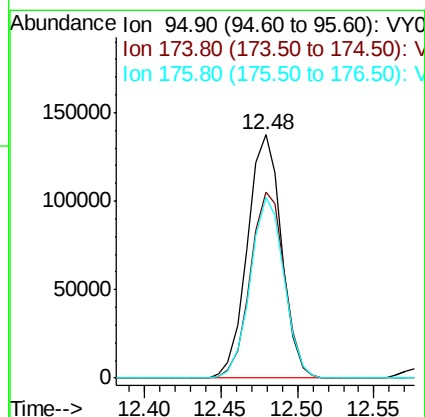
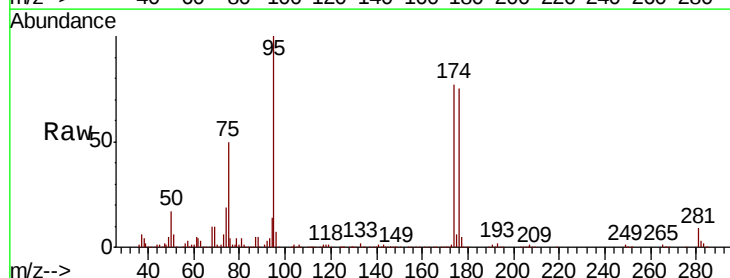
Tgt Ion: 95 Resp: 212770

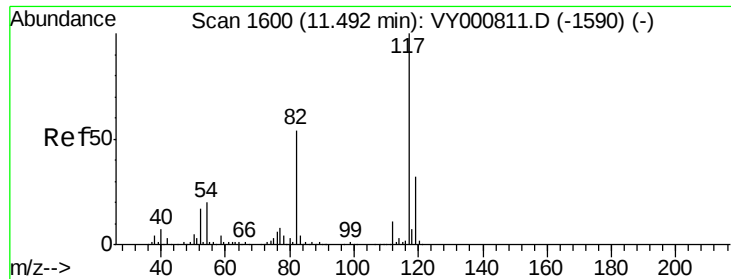
Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.6

176 73.6 0.0 145.2





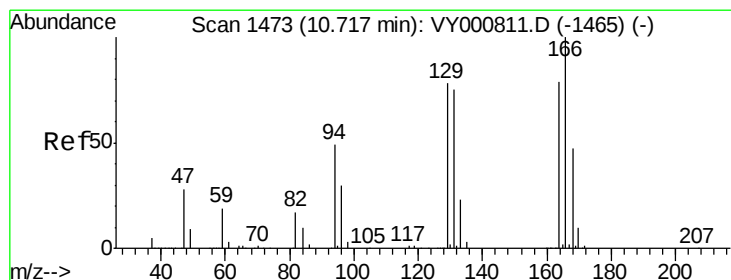
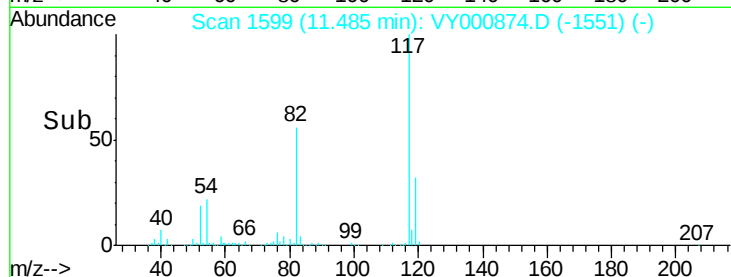
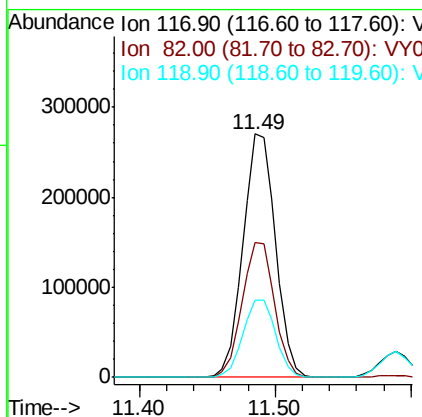
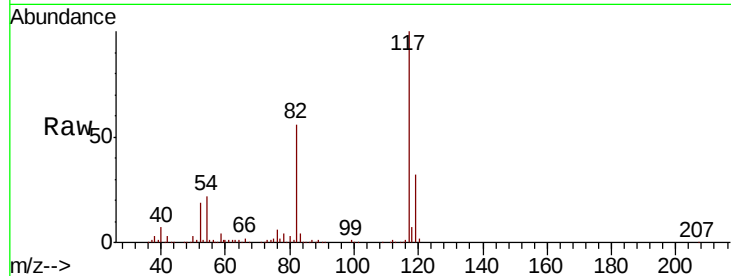
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.1	64.7
119	31.7	25.3	37.9

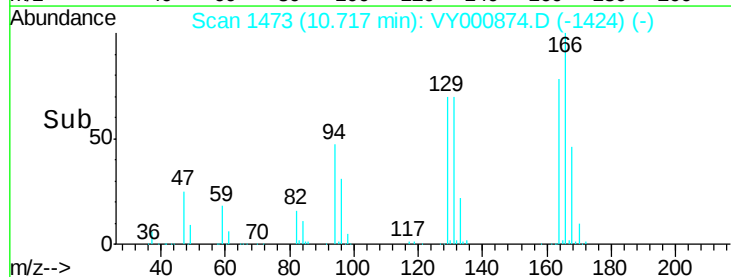
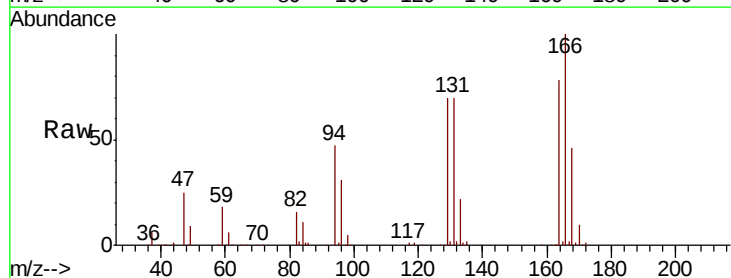
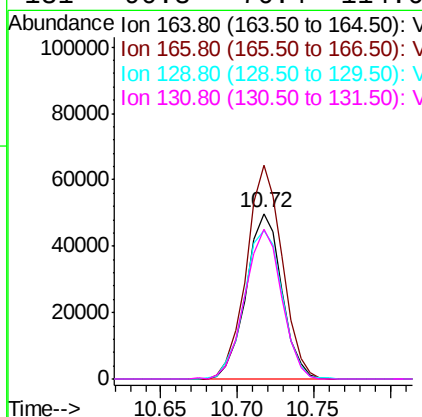
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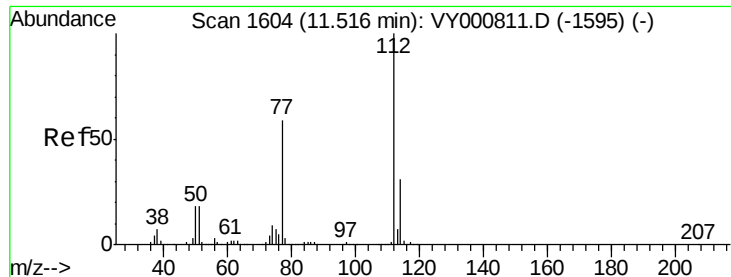
apatel
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#64
Tetrachloroethene
Concen: 20.637 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	101.8	152.8
129	89.6	79.3	118.9
131	90.3	76.4	114.6





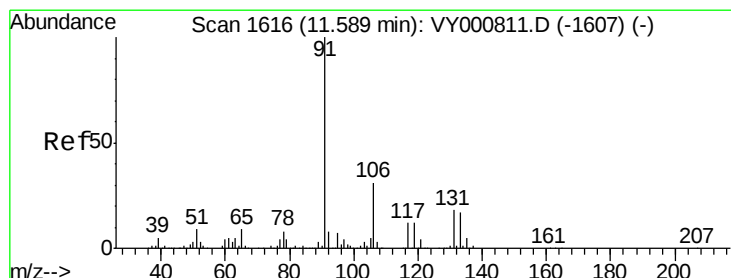
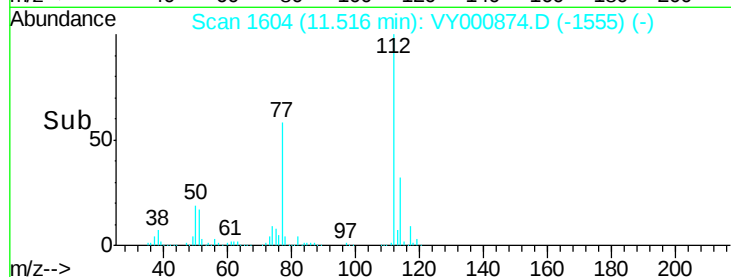
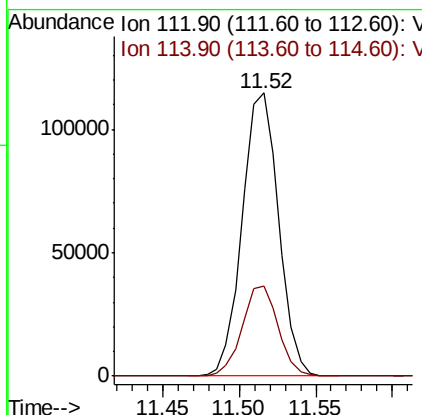
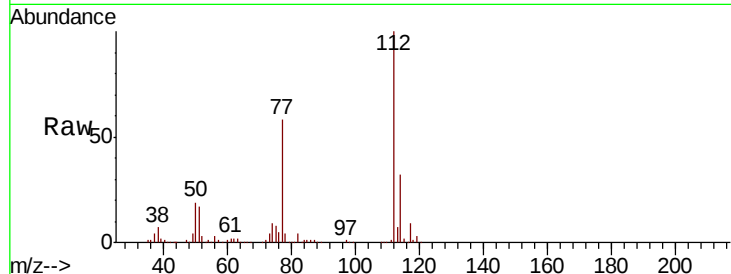
#65
Chlorobenzene
Concen: 20.255 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.1	37.7

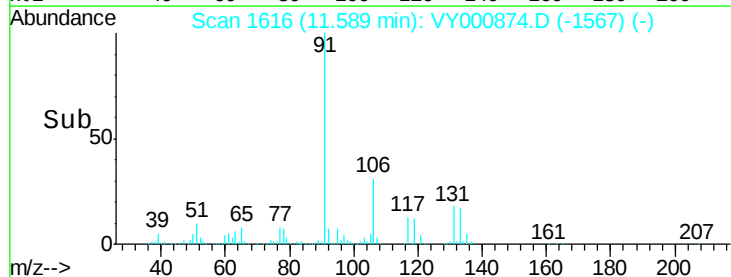
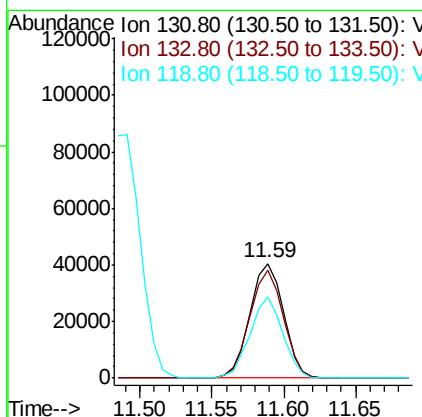
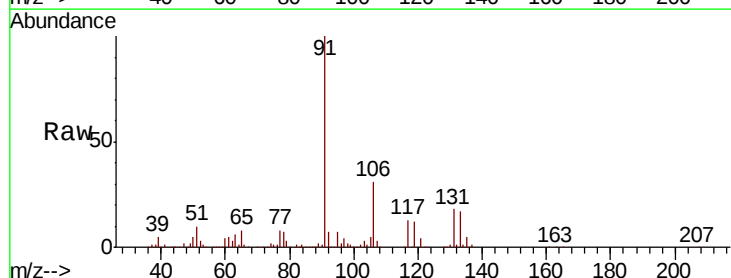
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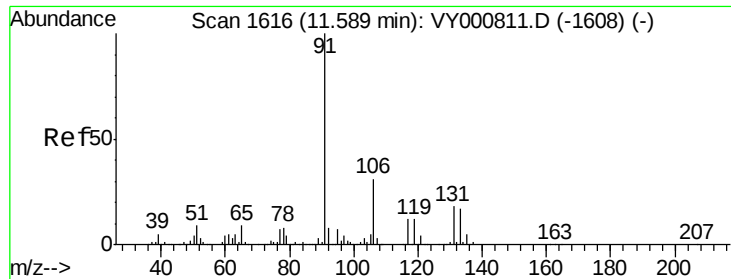
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.559 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.4	142.2
119	68.9	33.8	101.3





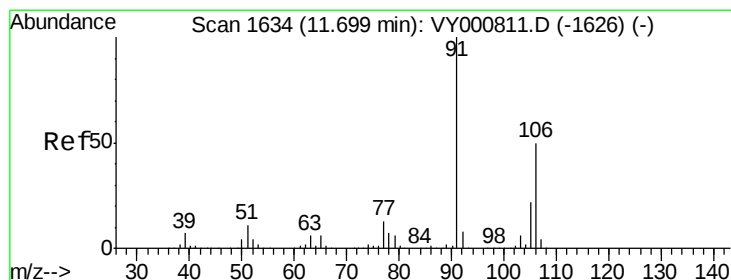
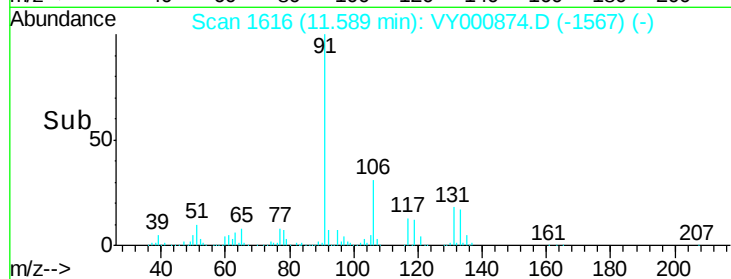
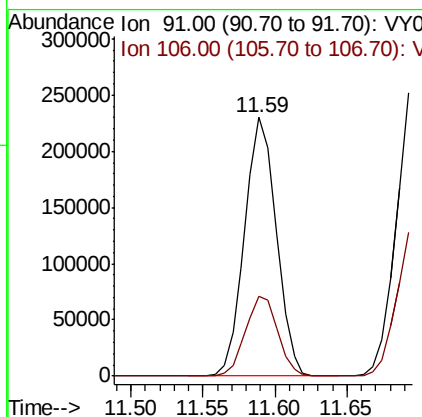
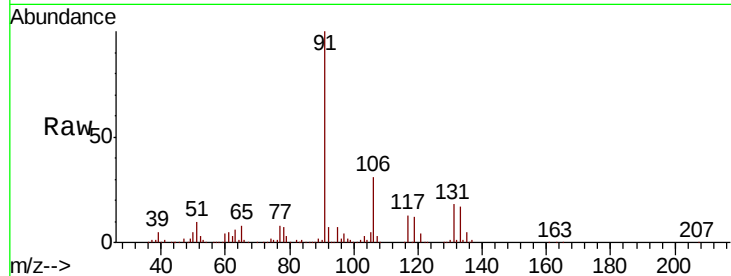
#67
Ethyl Benzene
Concen: 20.173 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.4	36.6

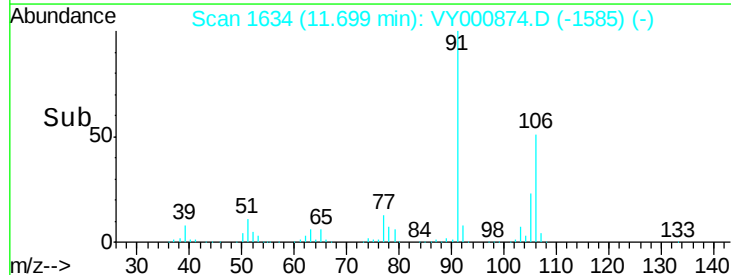
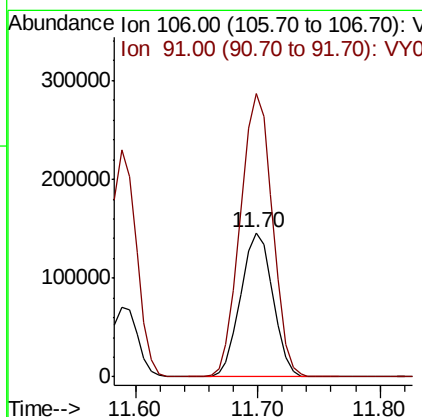
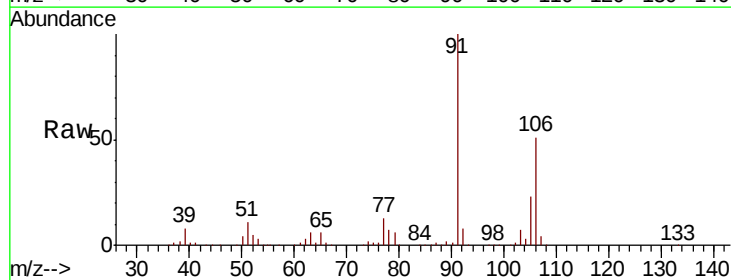
Manual Integrations
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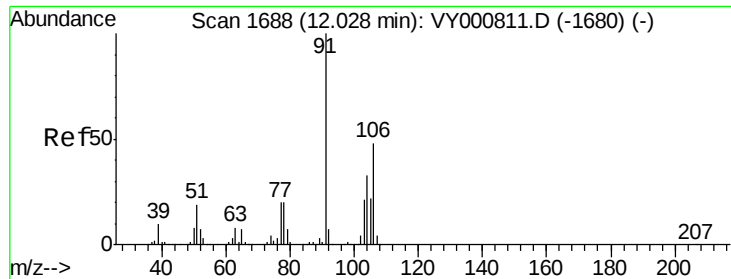
apatel
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#68
m/p-Xylenes
Concen: 40.860 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.0	159.6	239.4





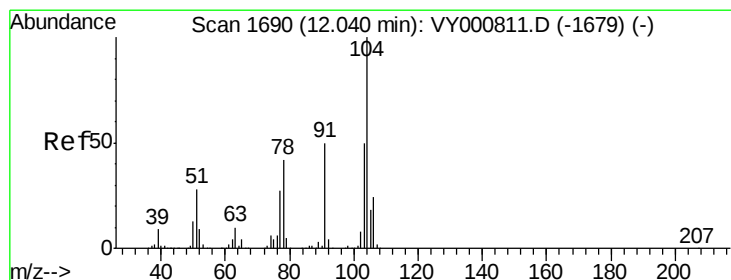
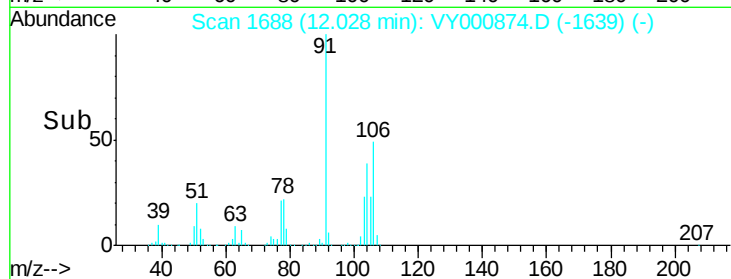
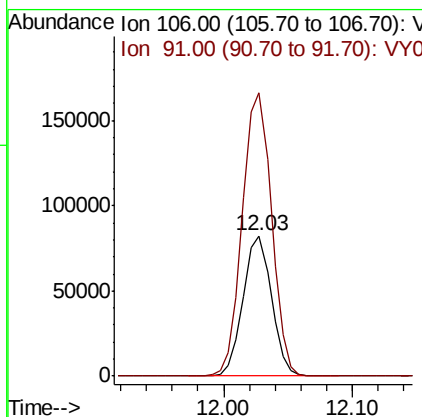
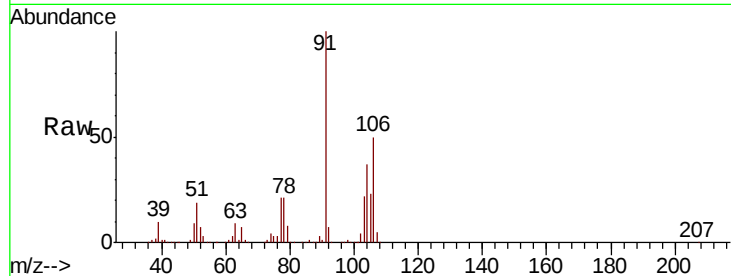
#69
o-Xylene
Concen: 20.534 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.4	106.1	318.1

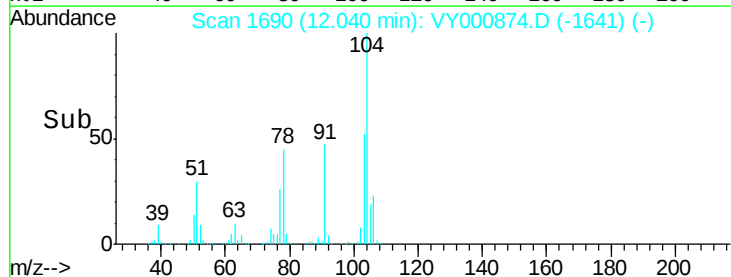
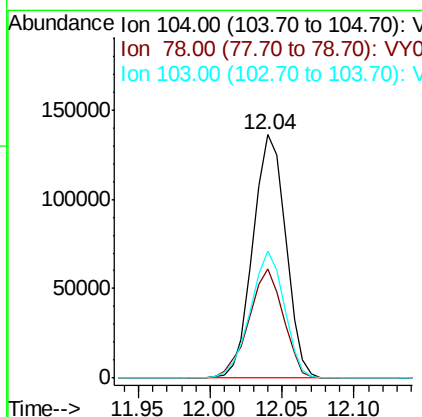
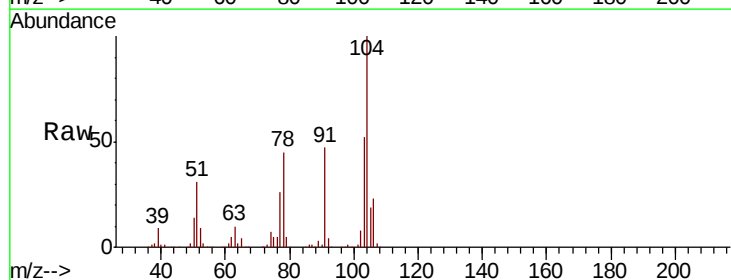
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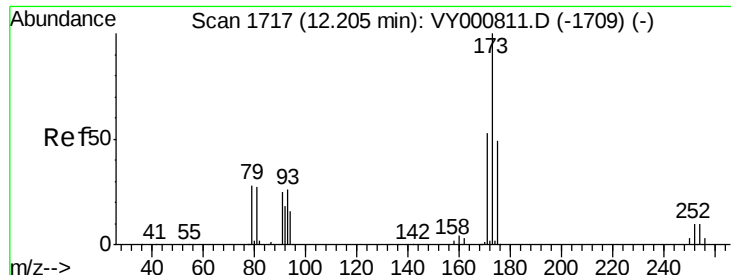
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#70
Styrene
Concen: 20.550 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.4	38.2	57.4
103	53.8	43.4	65.0





#71

Bromoform

Concen: 19.245 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

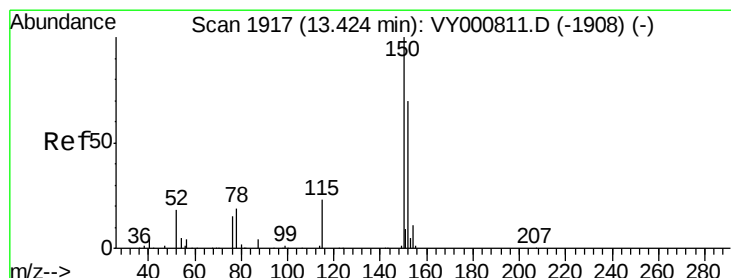
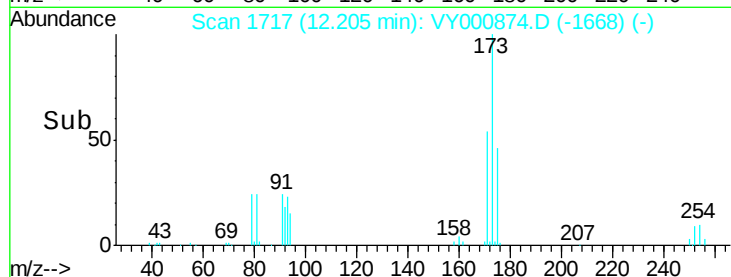
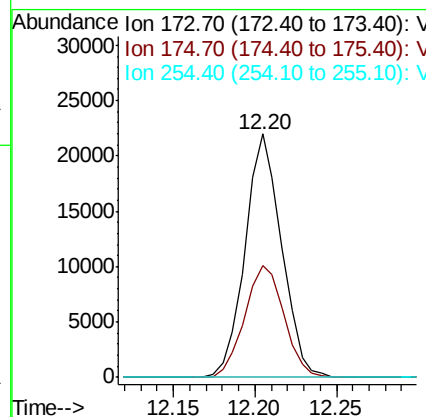
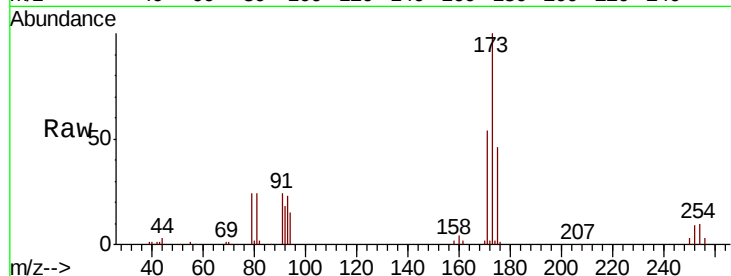
ClientSampleId :

VY1205SBS01

Tot Ion:	173	Resp:	34227
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.5	73.5
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

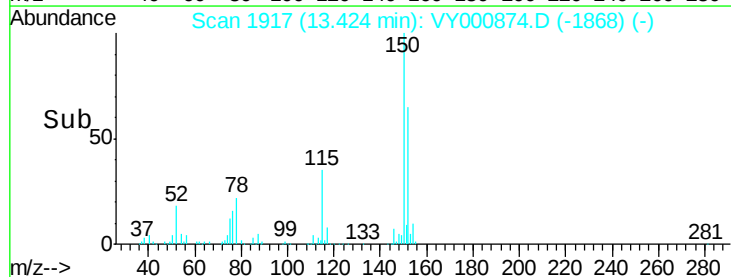
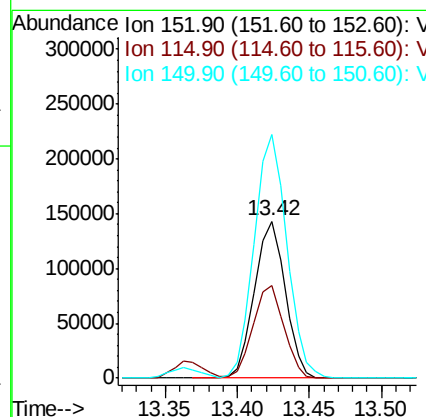
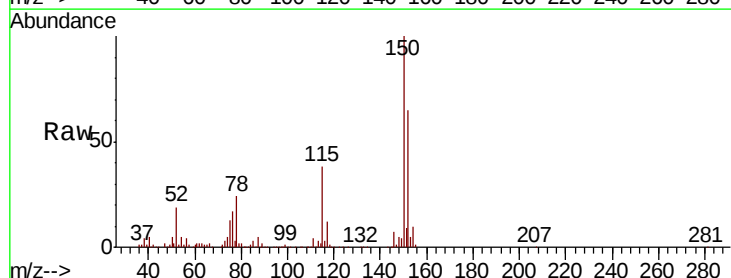
RT: 13.42 min Scan# 1917

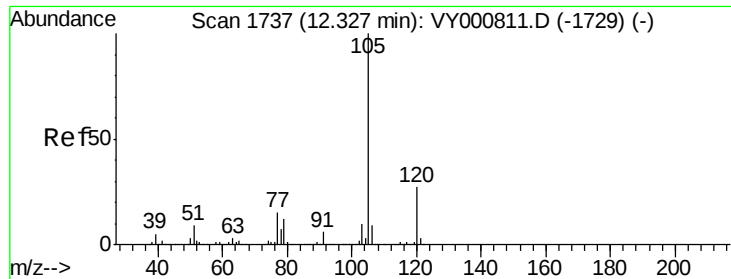
Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Tgt Ion:	152	Resp:	211389
Ion Ratio	Lower	Upper	
152	100		
115	59.5	29.3	87.8
150	164.7	0.0	351.2





#73

Isopropylbenzene

Concen: 20.174 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 105 Resp: 339559

Ion Ratio Lower Upper

105 100

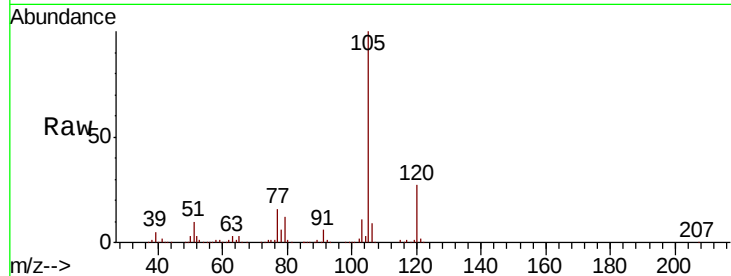
120 26.2 13.4 40.2

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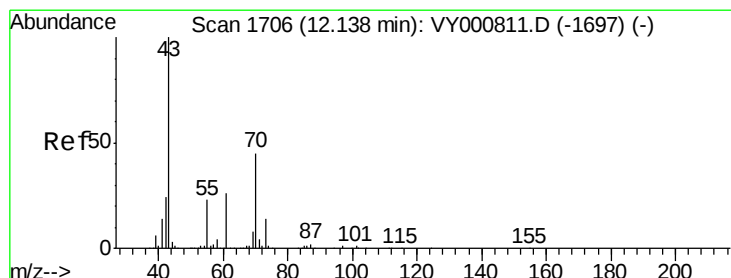
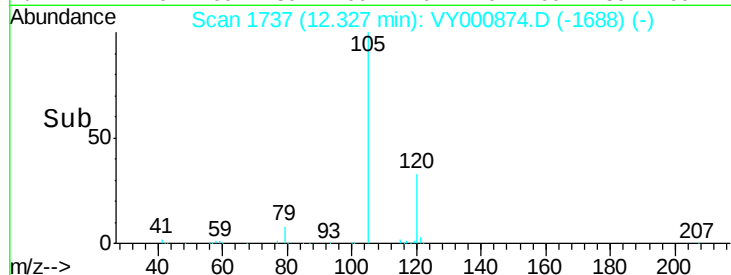
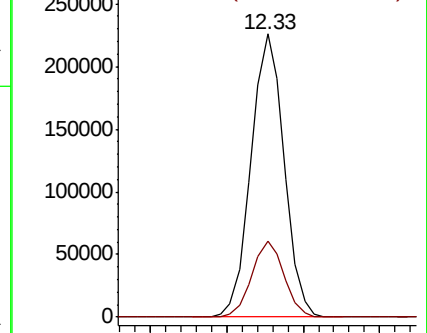
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.758 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Tgt Ion: 43 Resp: 87879

Ion Ratio Lower Upper

43 100

70 46.1 36.6 54.8

55 24.4 18.8 28.2

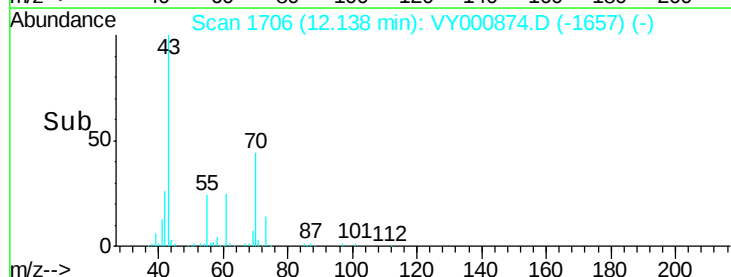
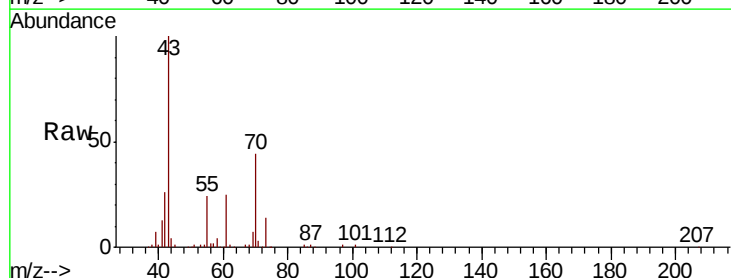
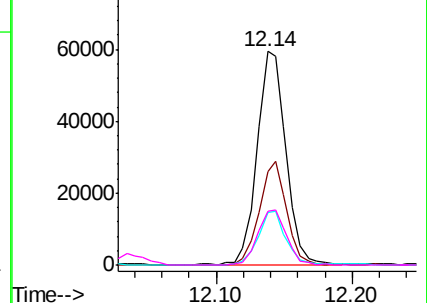
61 26.1 21.0 31.6

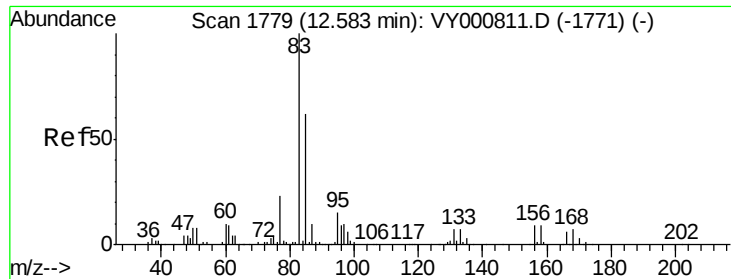
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.813 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

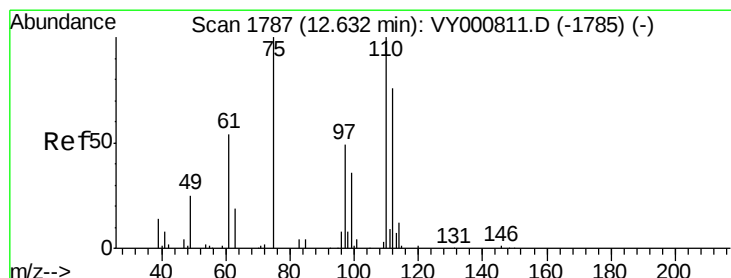
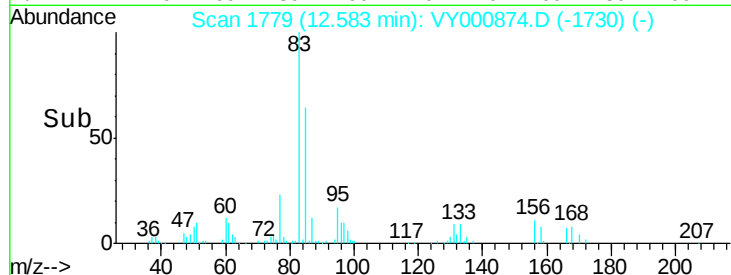
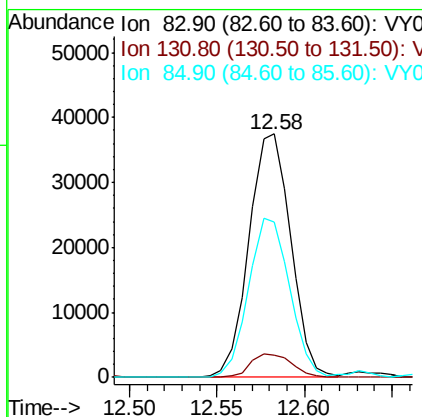
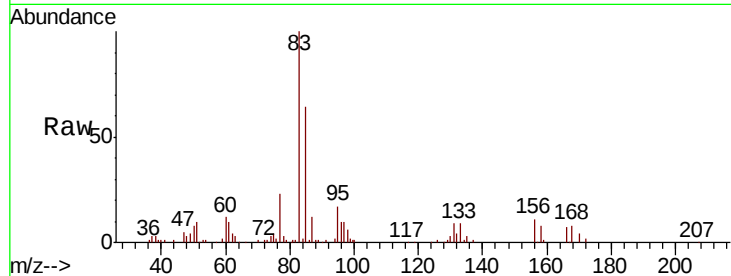
ClientSampleId :

VY1205SBS01

Tot Ion:	83	Resp:	62391
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.3	13.1
85	64.4	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 18.811 ug/l m

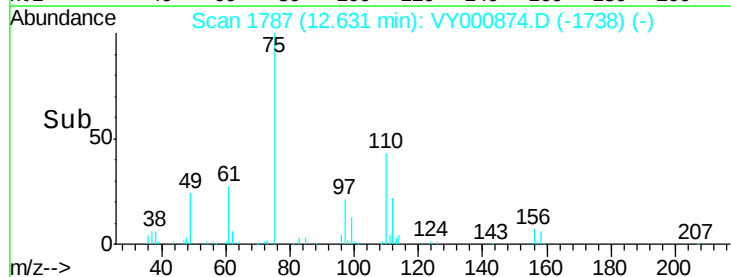
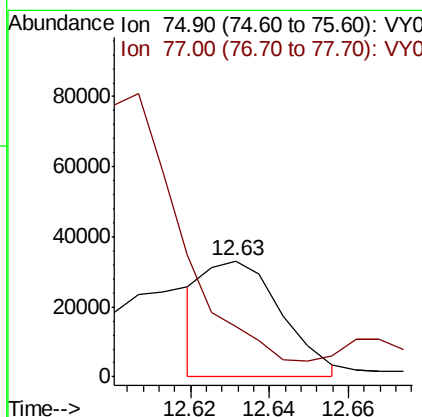
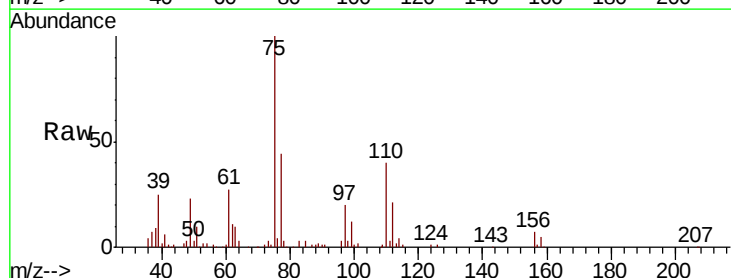
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Tgt Ion:	75	Resp:	45053
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.511 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion:156 Resp: 74834

Ion Ratio Lower Upper

156 100

77 195.8 102.6 307.7

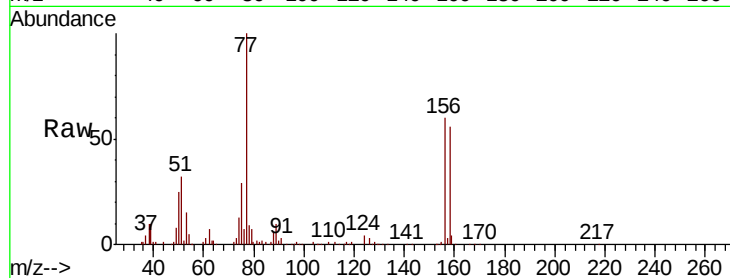
158 93.7 47.6 142.8

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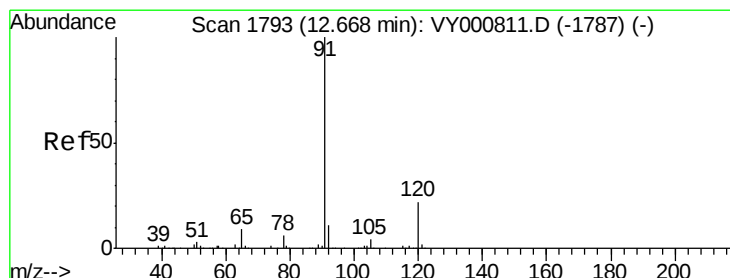
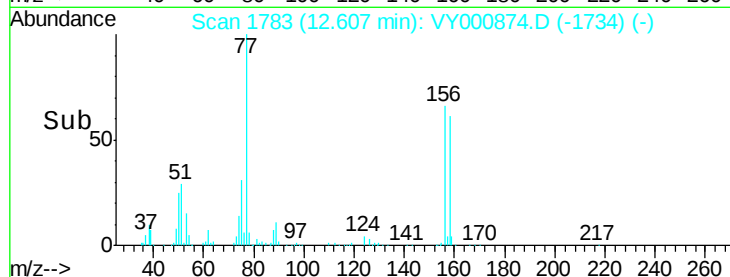
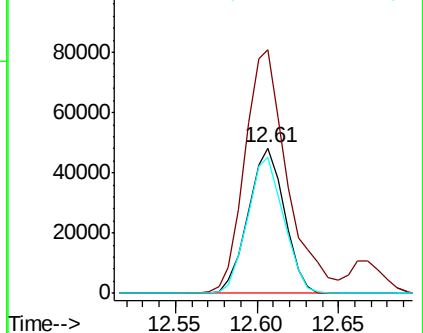
12/6/2019 10:01:24 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.034 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000874.D

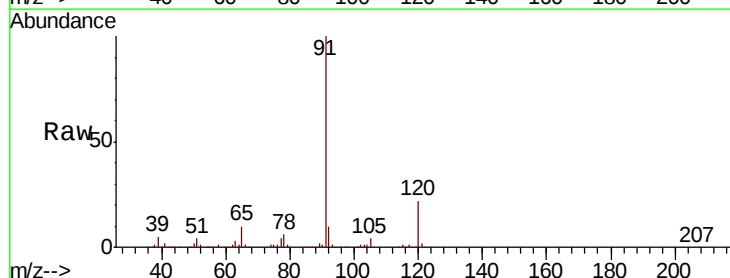
Acq: 05 Dec 2019 11:57

Tgt Ion: 91 Resp: 411727

Ion Ratio Lower Upper

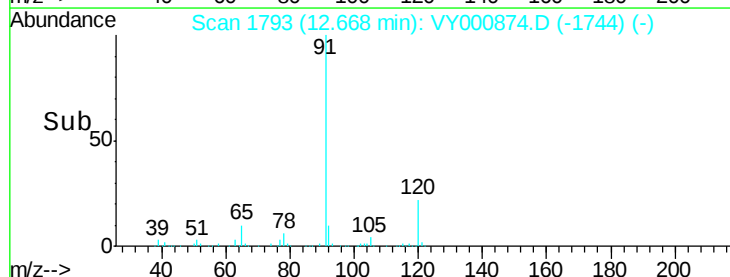
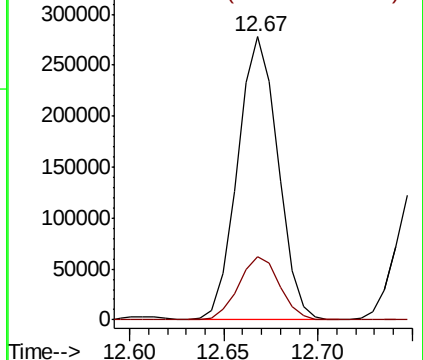
91 100

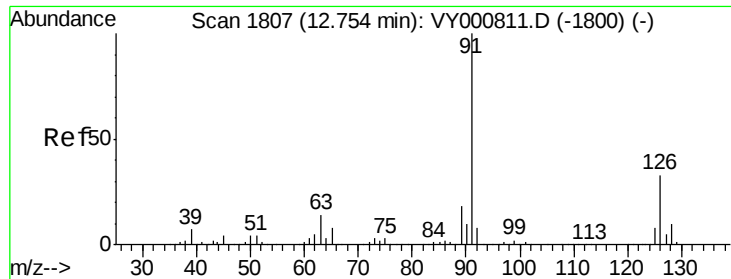
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





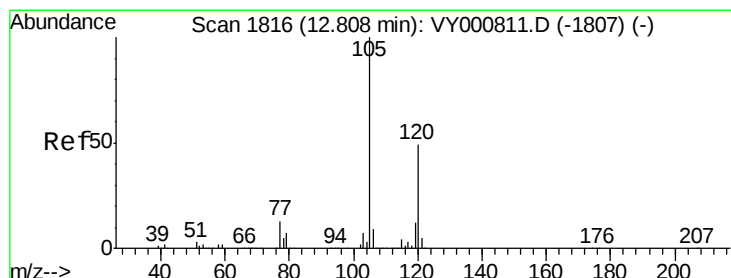
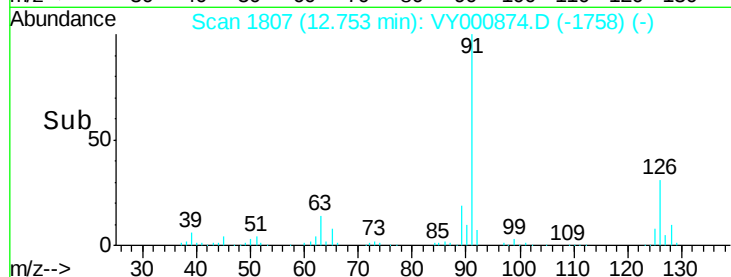
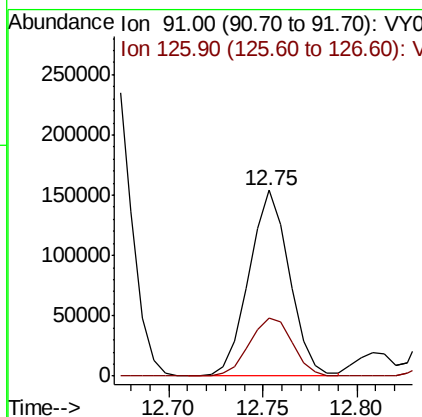
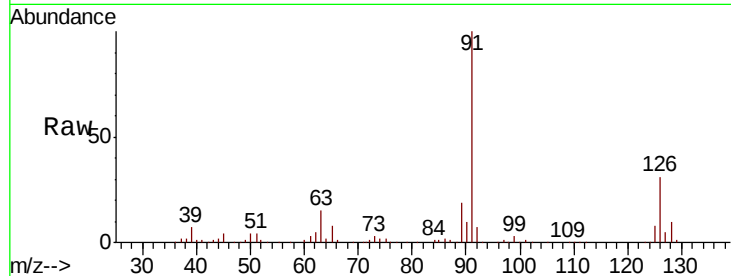
#79
 2-Chlorotoluene
 Concen: 20.160 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Tot Ion: 91 Resp: 22889
 Ion Ratio Lower Upper
 91 100
 126 33.3 17.0 51.0

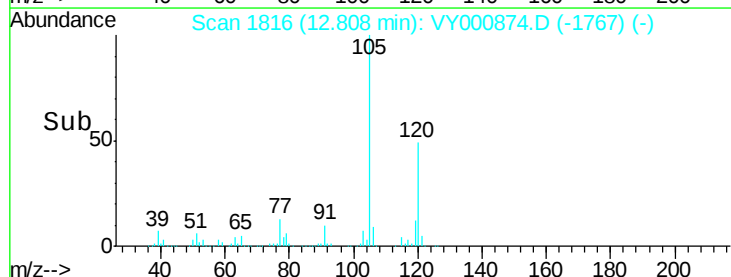
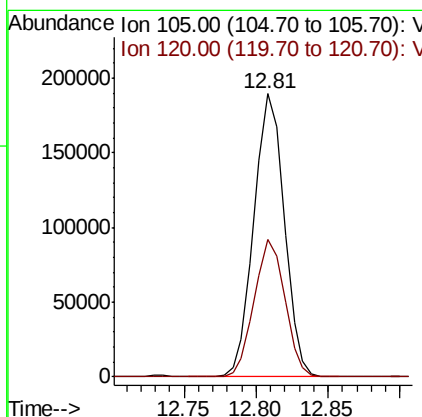
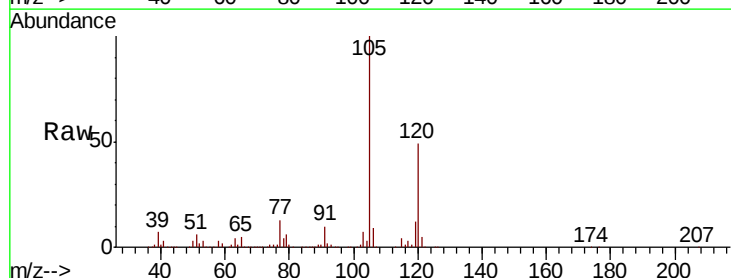
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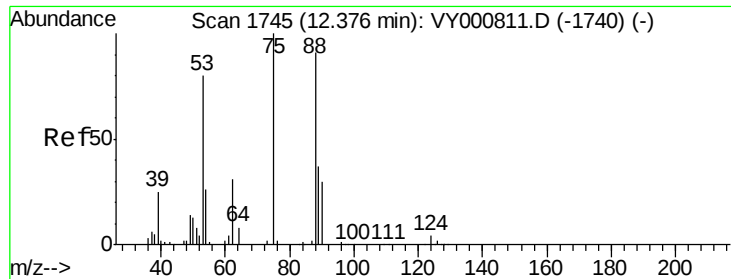
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.812 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion: 105 Resp: 276100
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0





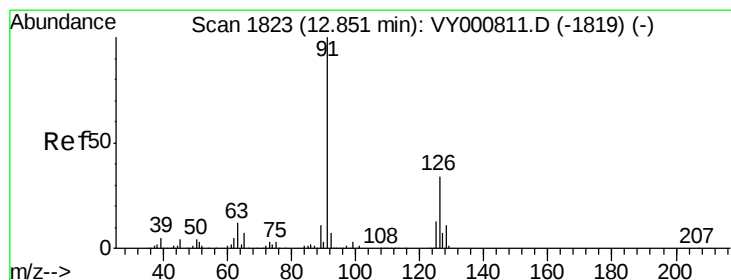
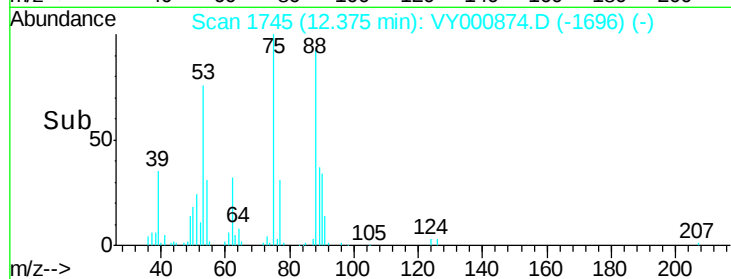
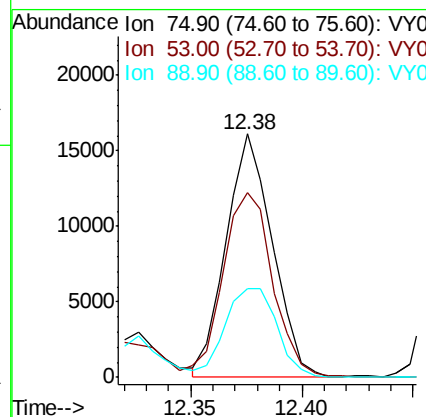
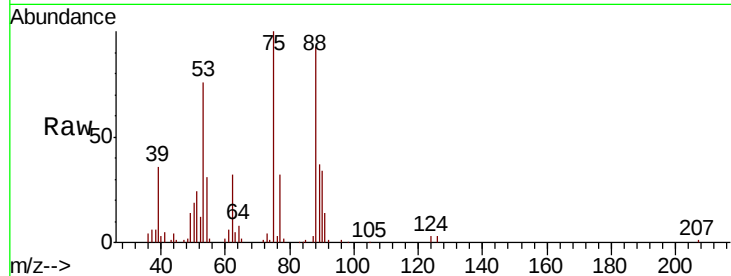
#81
trans-1,4-Dichloro-2-butene
Concen: 19.097 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.7	64.6	96.8
89	41.1	33.6	50.4

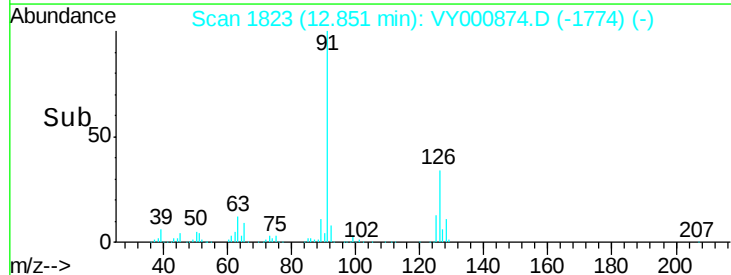
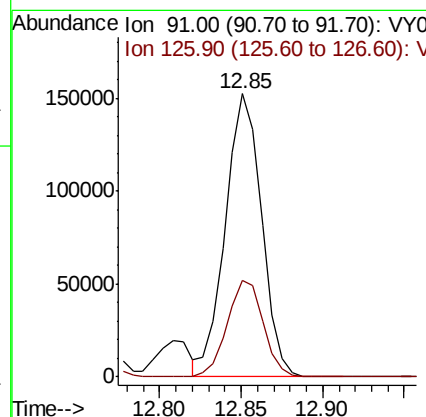
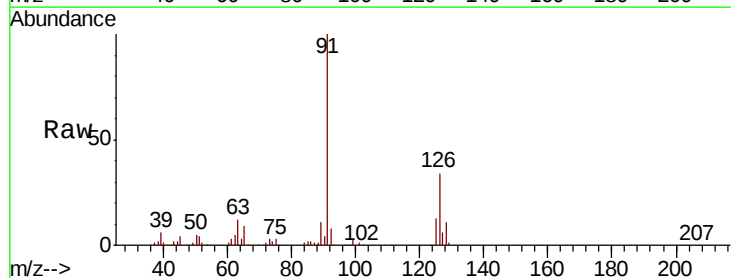
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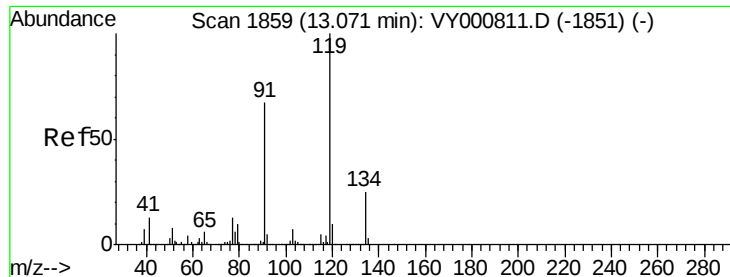
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#82
4-Chlorotoluene
Concen: 20.155 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.3	51.9





#83

tert-Butylbenzene

Concen: 20.447 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

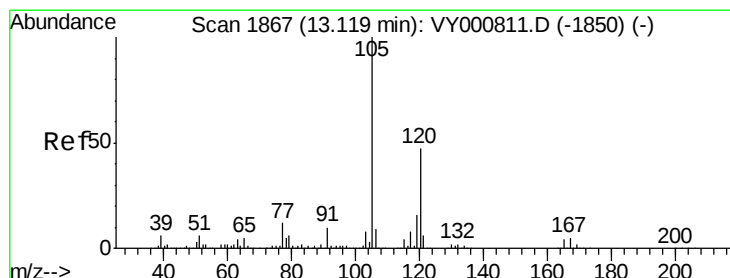
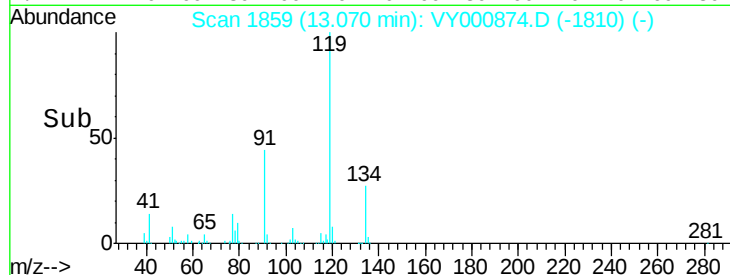
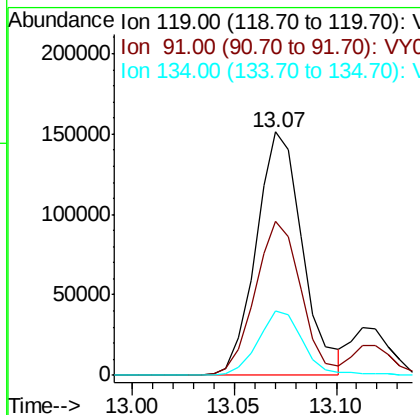
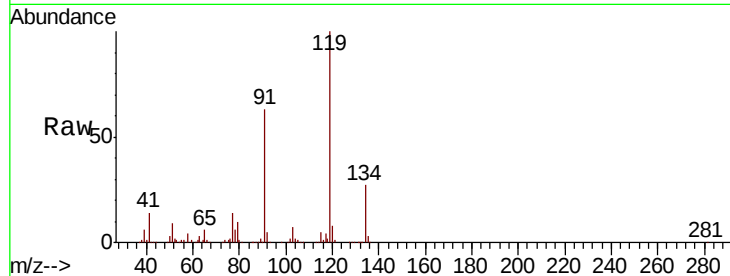
ClientSampleId :

VY1205SBS01

Tot Ion:	119	Resp:	239565
Ion Ratio	Lower	Upper	
119	100		
91	62.8	32.3	96.8
134	25.9	12.9	38.7

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#84

1,2,4-Trimethylbenzene

Concen: 19.969 ug/l

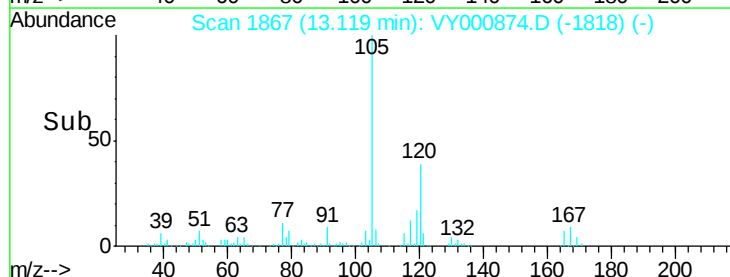
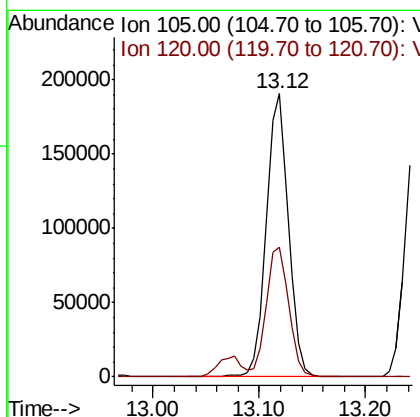
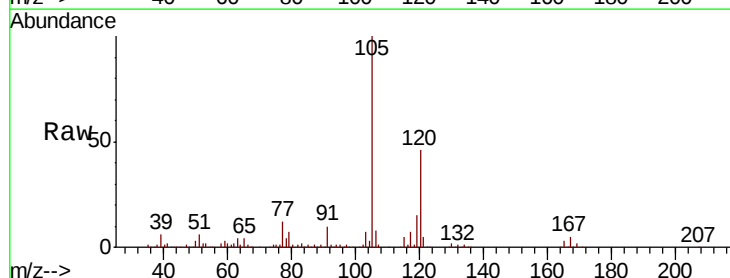
RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Tgt Ion:	105	Resp:	278412
Ion Ratio	Lower	Upper	
105	100		
120	46.9	22.6	67.8





#85

sec-Butylbenzene

Concen: 19.795 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion:105 Resp: 337312

Ion Ratio Lower Upper

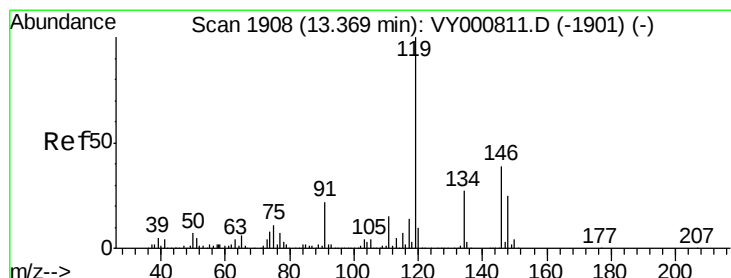
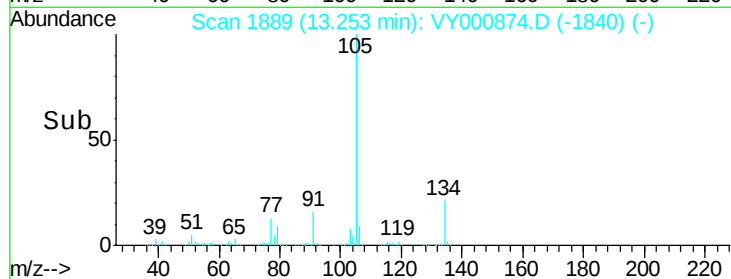
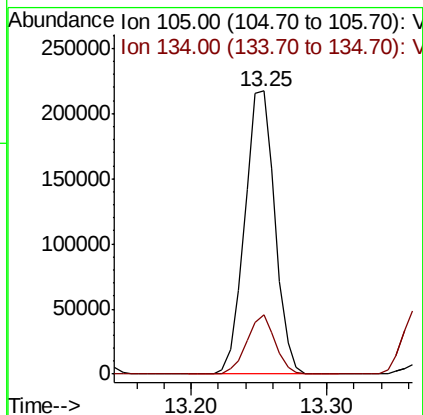
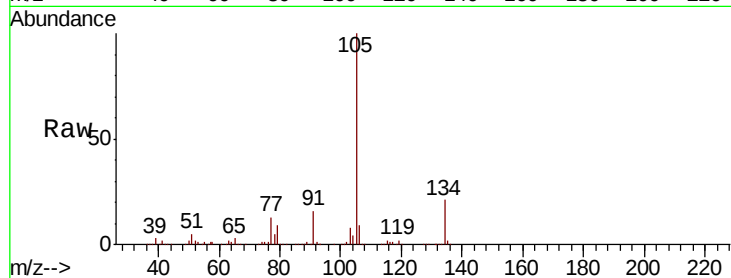
105 100

134 19.8 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 19.989 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000874.D

Acq: 05 Dec 2019 11:57

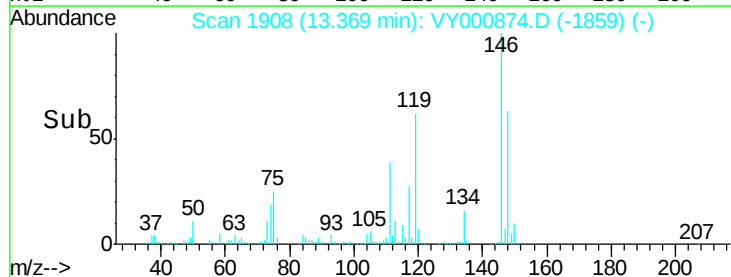
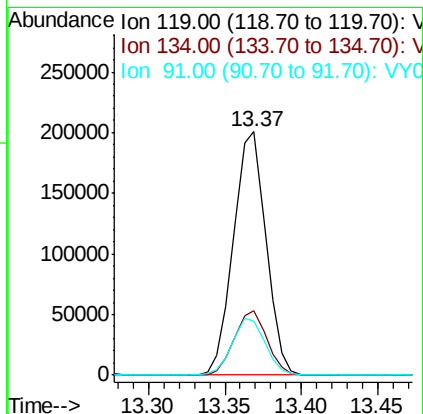
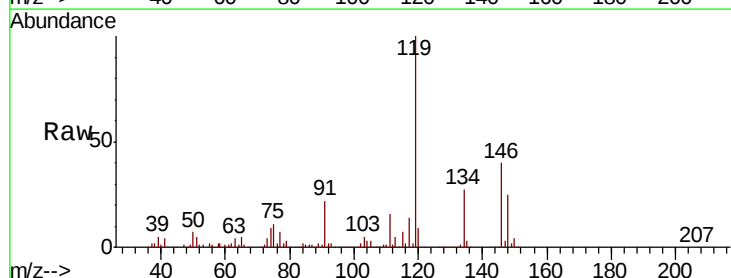
Tgt Ion:119 Resp: 296256

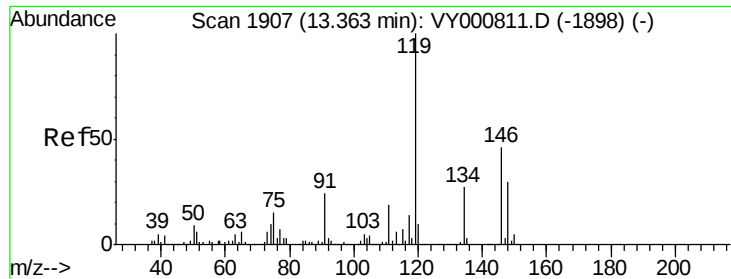
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 23.3 11.5 34.5





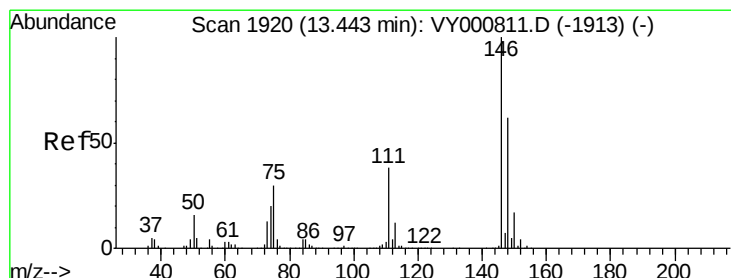
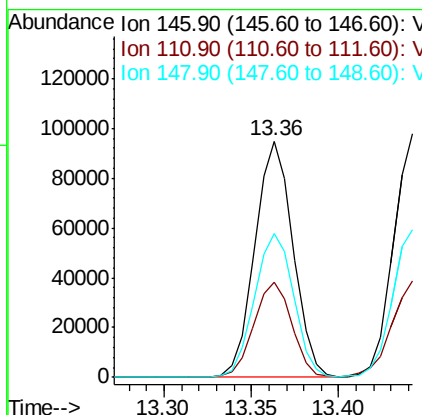
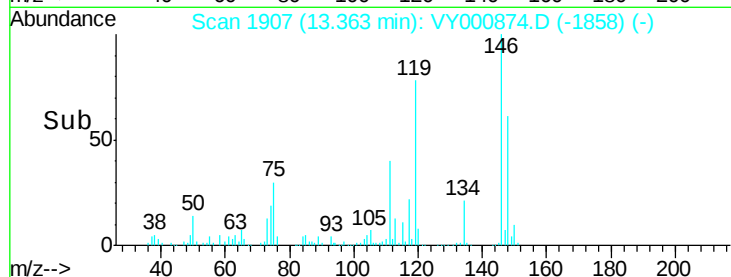
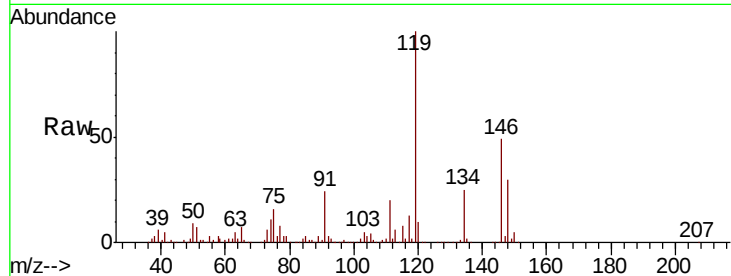
#87
 1,3-Dichlorobenzene
 Concen: 20.229 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	62.6	32.1	96.5

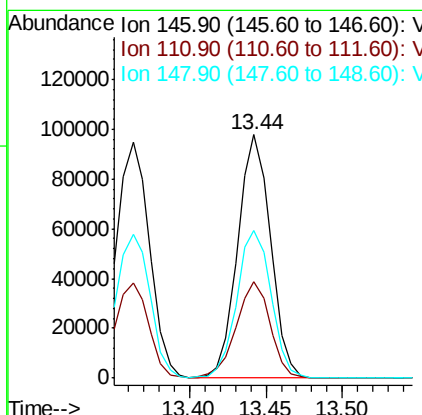
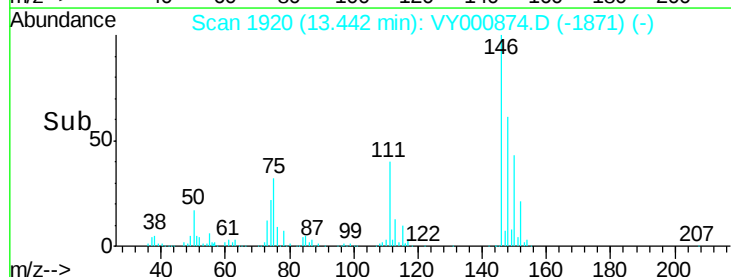
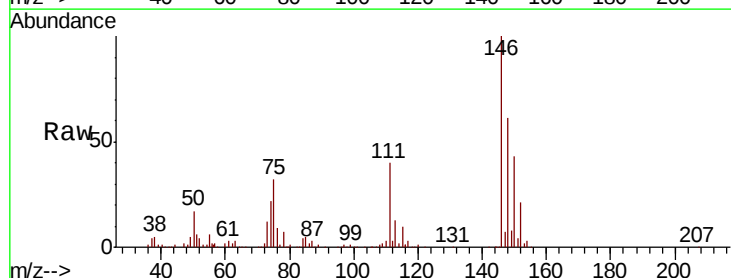
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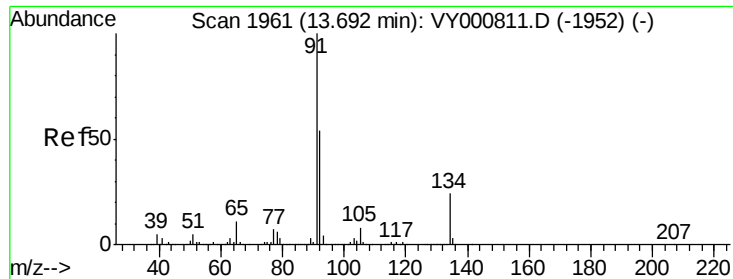
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#88
 1,4-Dichlorobenzene
 Concen: 20.597 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.0	59.9
148	63.1	31.7	95.1





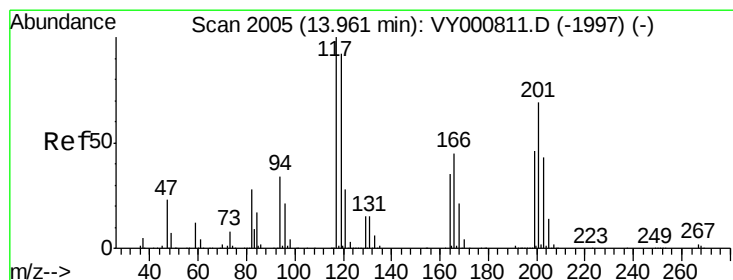
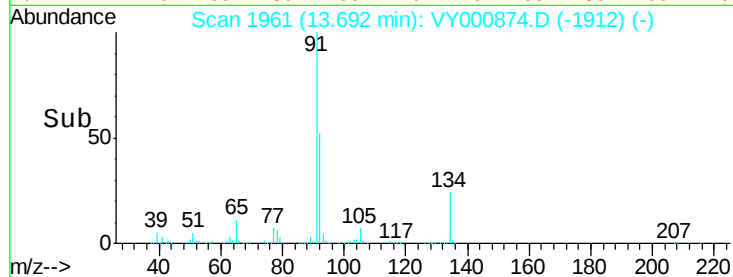
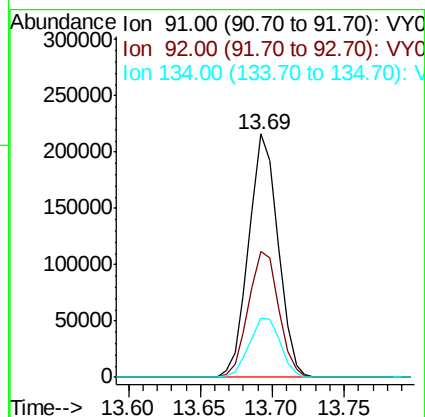
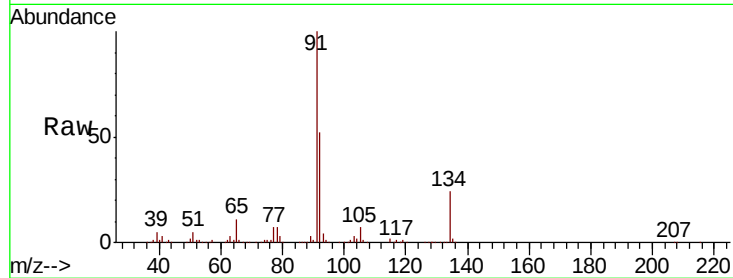
#89
n-Butylbenzene
Concen: 20.316 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.9	80.7
134	25.5	12.6	37.6

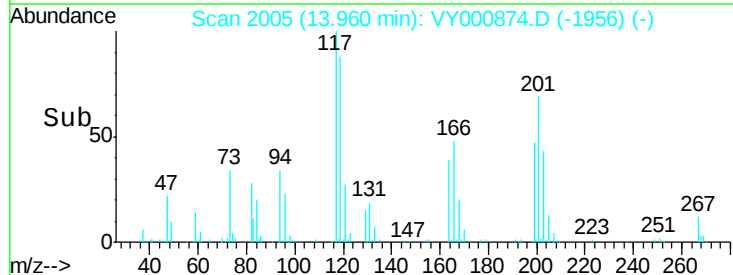
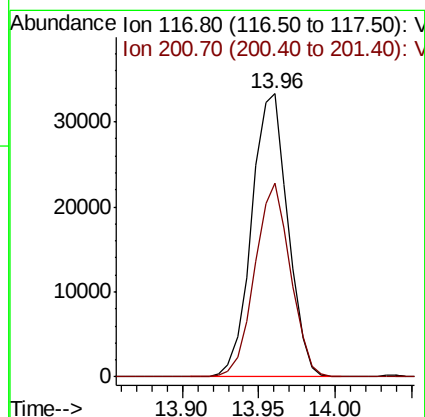
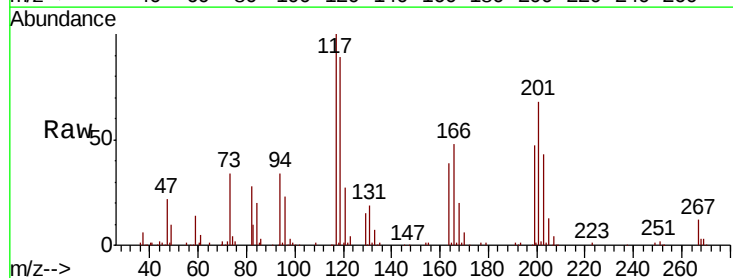
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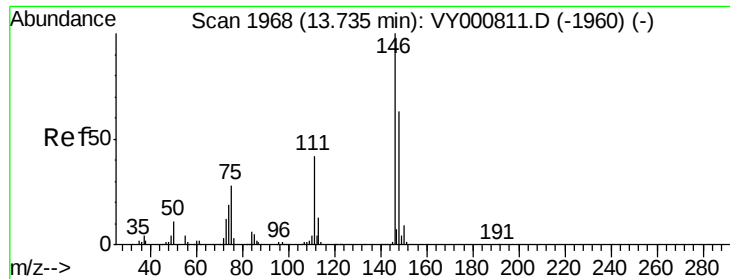
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#90
Hexachloroethane
Concen: 20.116 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.2	34.0	102.0





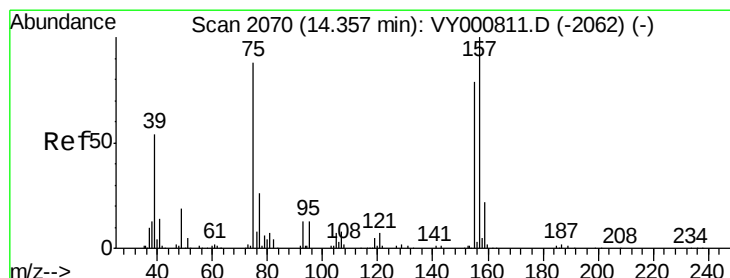
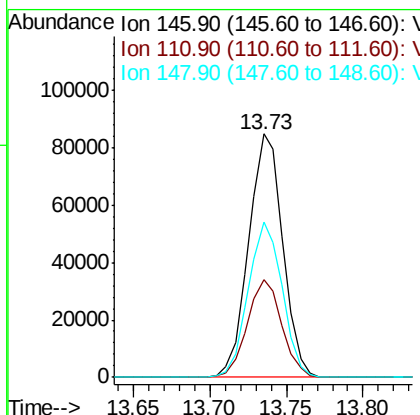
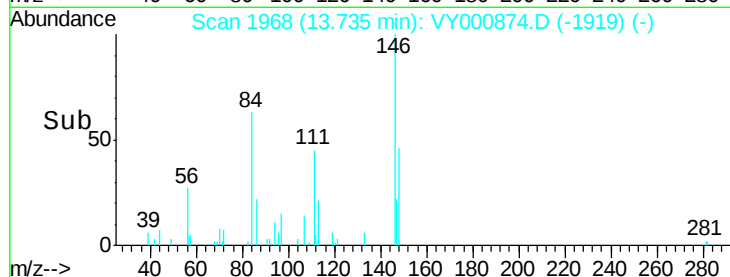
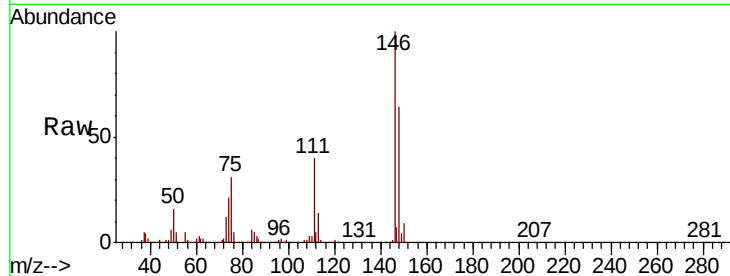
#91
 1,2-Dichlorobenzene
 Concen: 20.478 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.9	62.7
148	63.4	32.1	96.3

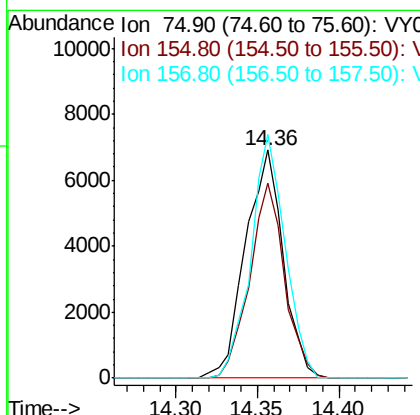
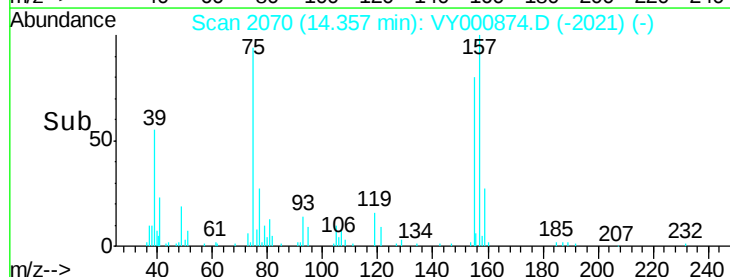
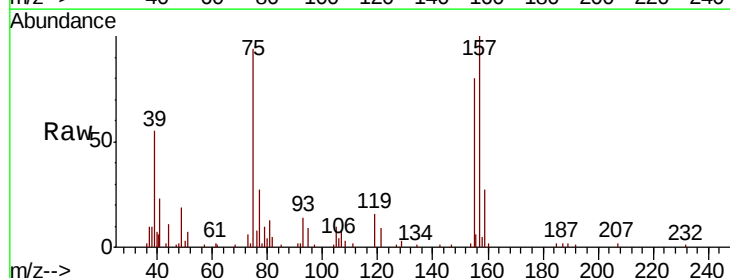
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.025 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.2	44.3	132.9
157	97.3	56.3	168.9





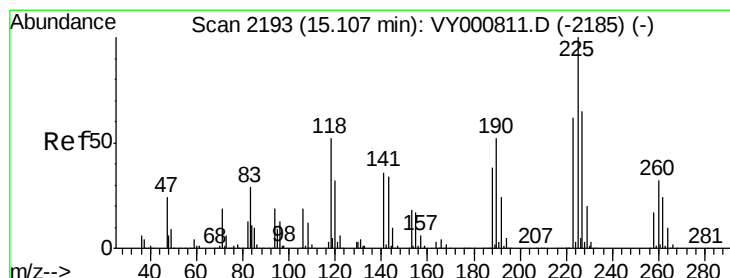
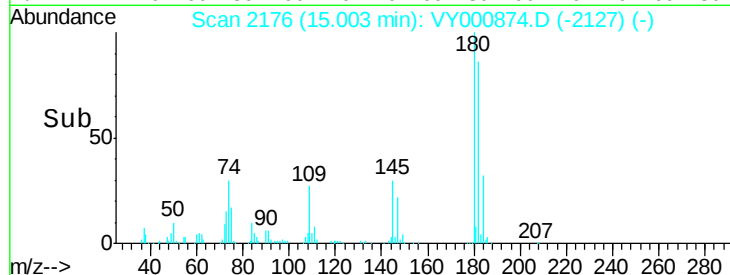
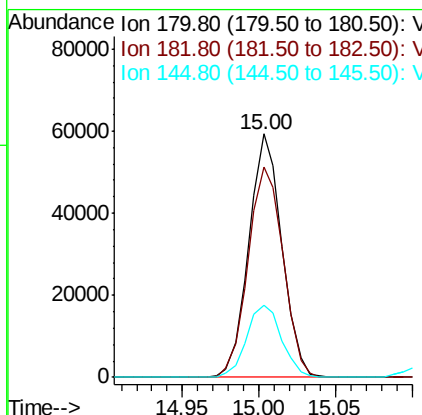
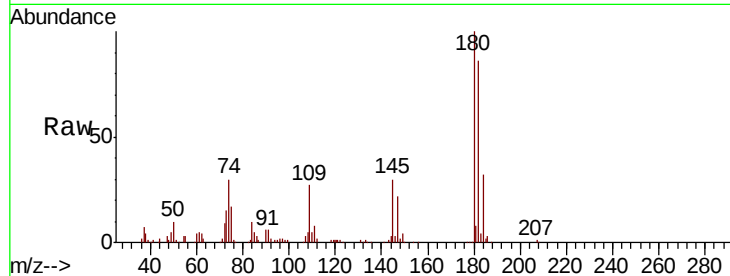
#93
 1,2,4-Trichlorobenzene
 Concen: 20.404 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.3	141.9
145	31.6	16.0	47.9

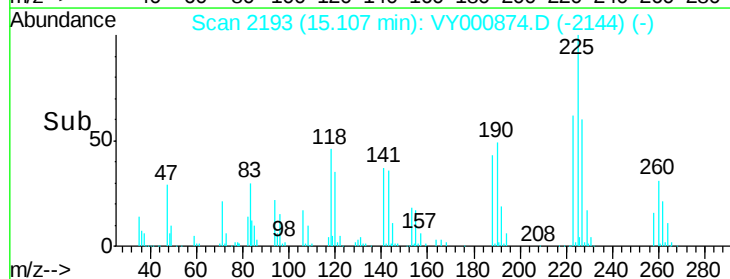
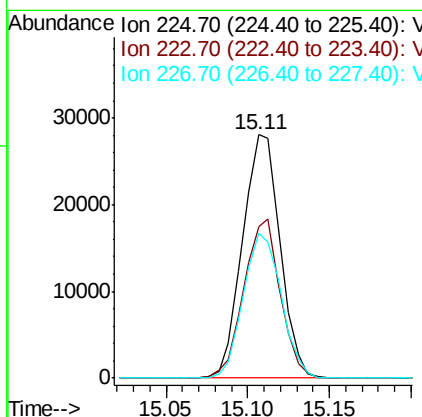
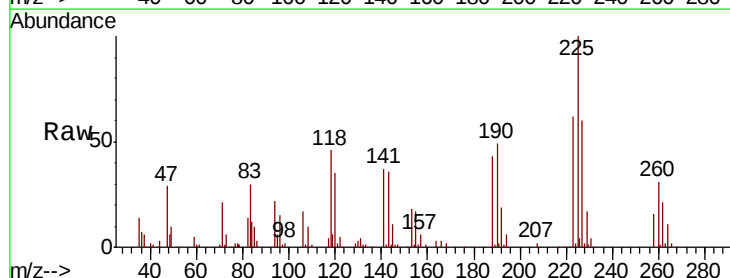
Manual Integrations
 APPROVED

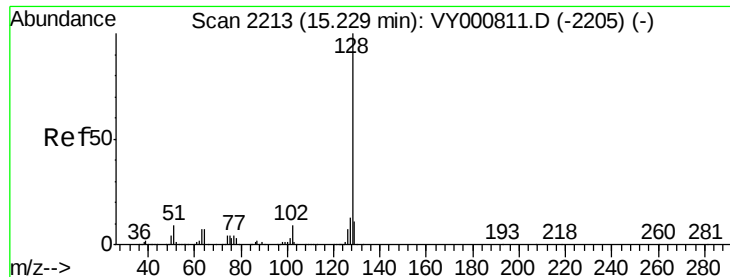
apatel
 12/6/2019 10:01:24 AM



#94
 Hexachlorobutadiene
 Concen: 20.860 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000874.D
 Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.4	94.3
227	60.0	31.8	95.3





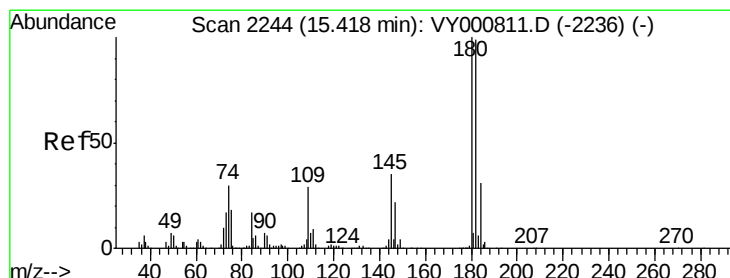
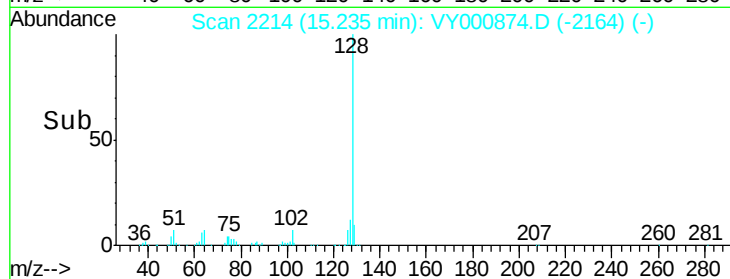
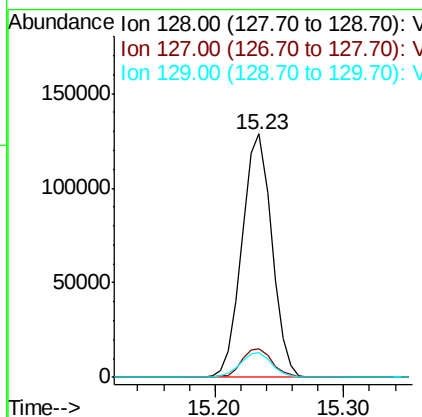
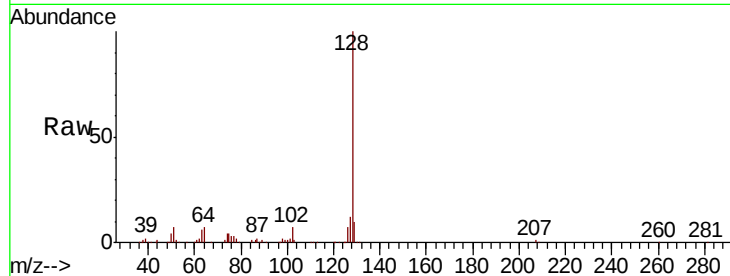
#95
Naphthalene
Concen: 20.342 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.1	15.1
129	10.7	8.8	13.2

Manual Integrations
APPROVED

apatel
12/6/2019 10:01:24 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.283 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000874.D
Acq: 05 Dec 2019 11:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.0	144.0
145	32.6	16.9	50.6

