

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000873.D
 Acq On : 05 Dec 2019 11:36
 Operator : SY/MD
 Sample : VY1205SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Manual Integrations
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 12/6/2019 10:01:20 AM

Quant Time: Dec 06 06:01:58 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	289440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	498751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	450738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	210943	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	159362	51.82	ug/l	0.00
Spiked Amount						
			Recovery	=	103.64%	
35) Dibromofluoromethane	7.73	113	148120	50.96	ug/l	0.00
Spiked Amount						
			Recovery	=	101.92%	
50) Toluene-d8	10.18	98	621416	53.47	ug/l	0.00
Spiked Amount						
			Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.48	95	213244	48.86	ug/l	0.00
Spiked Amount						
			Recovery	=	97.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	59638	19.141	ug/l	96
3) Chloromethane	2.12	50	78780	20.512	ug/l	98
4) Vinyl Chloride	2.26	62	77665	20.518	ug/l	98
5) Bromomethane	2.65	94	39993	16.070	ug/l	98
6) Chloroethane	2.79	64	46877	20.199	ug/l	98
7) Trichlorofluoromethane	3.13	101	105761	20.388	ug/l	92
8) Diethyl Ether	3.53	74	37912	19.418	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	63030	19.676	ug/l	97
10) Methyl Iodide	4.09	142	74925	18.577	ug/l	99
11) Tert butyl alcohol	5.00	59	25013	80.838	ug/l #	74
12) 1,1-Dichloroethene	3.87	96	63968	20.156	ug/l	98
13) Acrolein	3.74	56	30770	100.951	ug/l	99
14) Allyl chloride	4.49	41	112274	20.633	ug/l	99
15) Acrylonitrile	5.18	53	97625	96.833	ug/l	99
16) Acetone	3.96	43	67833	96.145	ug/l	97
17) Carbon Disulfide	4.19	76	204520	19.926	ug/l	99
18) Methyl Acetate	4.49	43	56355	19.103	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	169768	20.031	ug/l	98
20) Methylene Chloride	4.72	84	77378	20.806	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	74144	20.555	ug/l	94
22) Diisopropyl ether	6.13	45	232955	20.829	ug/l	95
23) Vinyl Acetate	6.07	43	703632	103.487	ug/l	99
24) 1,1-Dichloroethane	6.03	63	128581	20.859	ug/l	98
25) 2-Butanone	7.00	43	120337	92.333	ug/l	90
26) 2,2-Dichloropropane	6.99	77	102129	19.685	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	80897	20.748	ug/l	99
28) Bromochloromethane	7.35	49	29037	14.345	ug/l	96
29) Tetrahydrofuran	7.36	42	84377	97.700	ug/l	98
30) Chloroform	7.52	83	121018	19.570	ug/l	95
31) Cyclohexane	7.79	56	134927	20.662	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	103110	20.193	ug/l	99
36) 1,1-Dichloropropene	7.93	75	104750	21.123	ug/l	96
37) Ethyl Acetate	7.08	43	57470	20.070	ug/l	98
38) Carbon Tetrachloride	7.91	117	90259	20.437	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	132084	20.103	ug/l	97
40) Benzene	8.17	78	300676	20.815	ug/l	97
41) Methacrylonitrile	7.33	41	35729m	23.674	ug/l	
42) 1,2-Dichloroethane	8.24	62	77877	20.500	ug/l	98
43) Isopropyl Acetate	8.28	43	104949	19.449	ug/l	98
44) Trichloroethene	8.94	130	75600	20.365	ug/l	99
45) 1,2-Dichloropropane	9.22	63	74824	20.622	ug/l	98
46) Dibromomethane	9.31	93	38753	20.442	ug/l	99
47) Bromodichloromethane	9.50	83	89125	20.012	ug/l	96
48) Methyl methacrylate	9.30	41	47457	20.000	ug/l	98
49) 1,4-Dioxane	9.32	88	9726	362.078	ug/l #	73
51) 4-Methyl-2-Pentanone	10.07	43	279919	100.400	ug/l	97
52) Toluene	10.24	92	186303	20.831	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	98525	20.592	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	116838	20.659	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	59117	21.107	ug/l	94
56) Ethyl methacrylate	10.51	69	82423	20.571	ug/l	97
57) 1,3-Dichloropropane	10.79	76	102666	21.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	156783	97.045	ug/l	100
59) 2-Hexanone	10.83	43	194443	95.710	ug/l	97
60) Dibromochloromethane	10.99	129	62286	20.658	ug/l	98
61) 1,2-Dibromoethane	11.09	107	55577	21.055	ug/l	99
64) Tetrachloroethene	10.72	164	81881	20.909	ug/l	97
65) Chlorobenzene	11.52	112	190834	20.368	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	64325	20.372	ug/l	99
67) Ethyl Benzene	11.59	91	355824	20.392	ug/l	99
68) m/p-Xylenes	11.70	106	268997	41.072	ug/l	100
69) o-Xylene	12.03	106	127555	20.888	ug/l	98
70) Styrene	12.04	104	216571	20.712	ug/l	99
71) Bromoform	12.20	173	35328	19.838	ug/l #	98
73) Isopropylbenzene	12.33	105	338989	20.183	ug/l	100
74) N-amyl acetate	12.14	43	91212	19.511	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	62474	18.878	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	48926m	20.471	ug/l	
77) Bromobenzene	12.61	156	72882	20.019	ug/l	99
78) n-propylbenzene	12.67	91	411175	20.050	ug/l	99
79) 2-Chlorotoluene	12.75	91	226781	20.017	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	279837	20.123	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	22412	18.420	ug/l	95
82) 4-Chlorotoluene	12.85	91	235431	20.170	ug/l	99
83) tert-Butylbenzene	13.08	119	236769	20.251	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	282486	20.304	ug/l	98
85) sec-Butylbenzene	13.25	105	344253	20.245	ug/l	100
86) p-Isopropyltoluene	13.37	119	300742	20.335	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	144143	20.182	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	143200	20.250	ug/l	99
89) n-Butylbenzene	13.70	91	303953	20.327	ug/l	100
90) Hexachloroethane	13.96	117	55527	20.381	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	132127	20.567	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10926	19.720	ug/l	93

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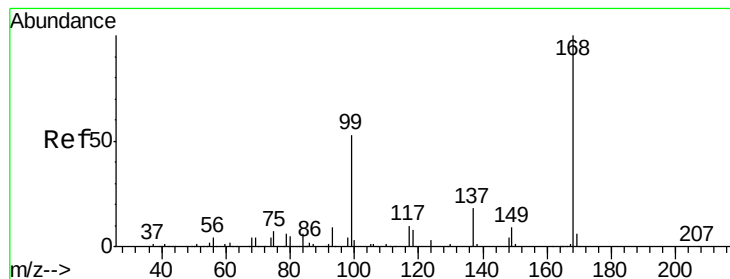
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Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	88469	20.351	ug/l	99
94) Hexachlorobutadiene	15.11	225	44487	20.641	ug/l	98
95) Naphthalene	15.23	128	199747	19.789	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	79895	20.576	ug/l	98

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



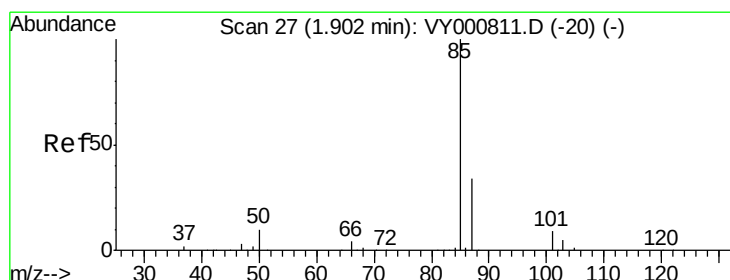
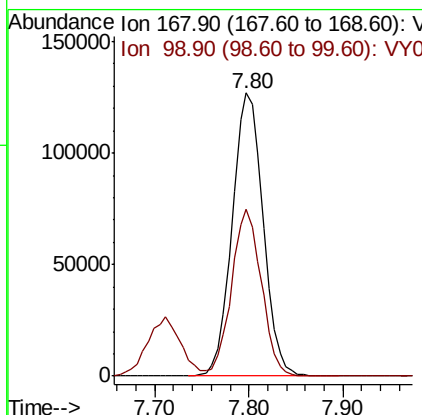
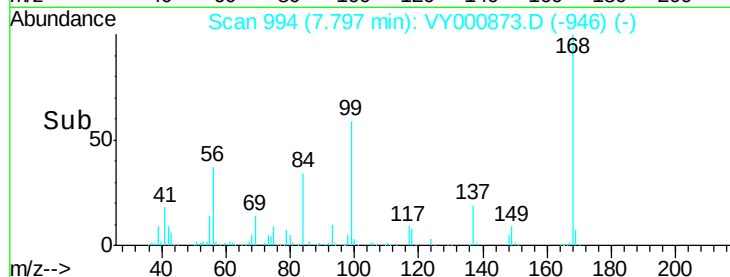
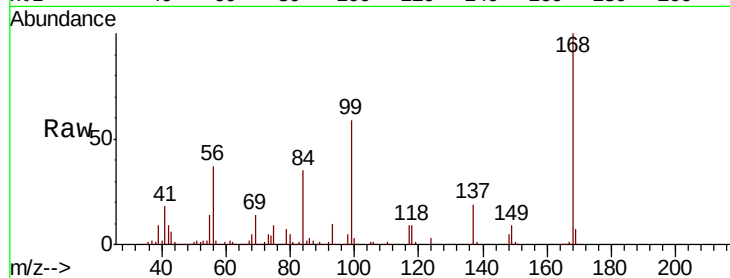
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.8	45.0	67.6

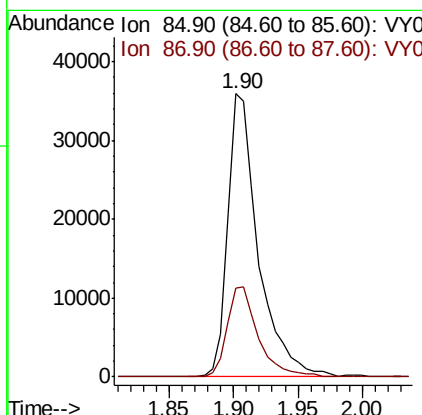
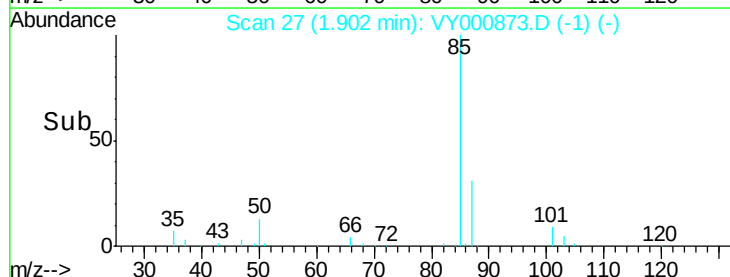
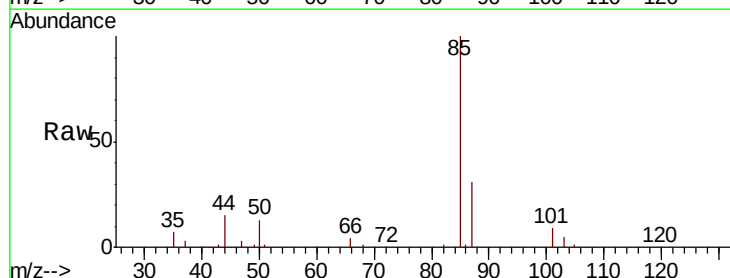
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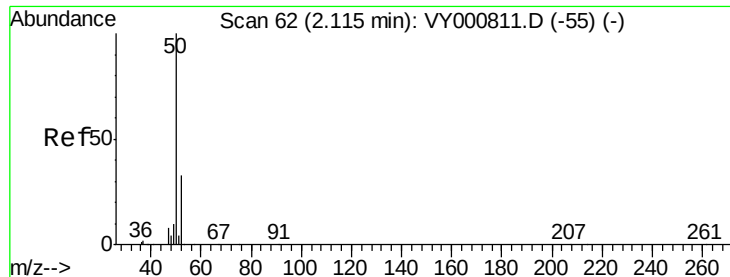
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#2
Dichlorodifluoromethane
Concen: 19.141 ug/l
RT: 1.90 min Scan# 27
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.8	50.3





#3

Chloromethane

Concen: 20.512 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 50 Resp: 78780

Ion Ratio Lower Upper

50 100

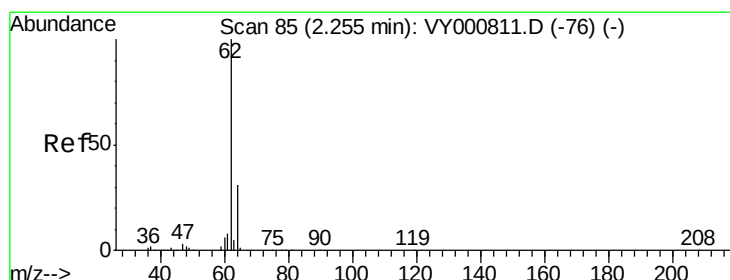
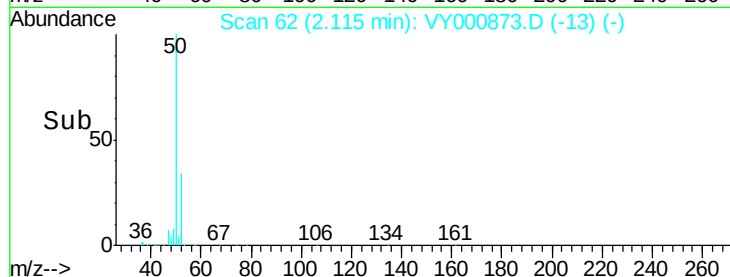
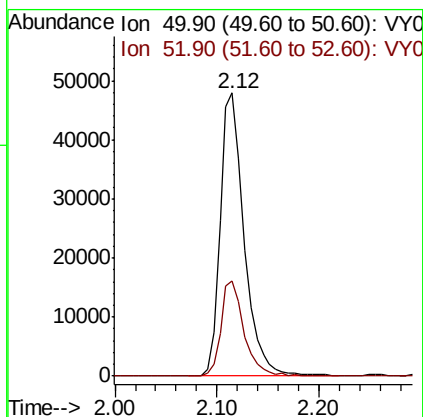
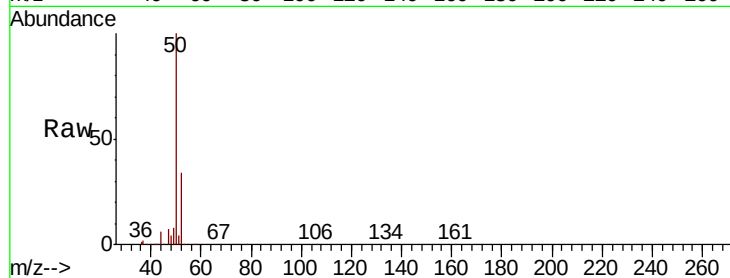
52 33.7 26.0 39.0

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#4

Vinyl Chloride

Concen: 20.518 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY000873.D

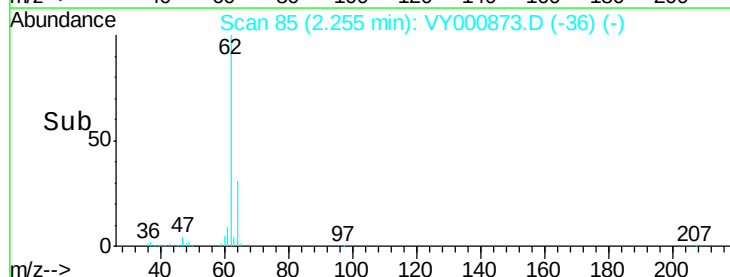
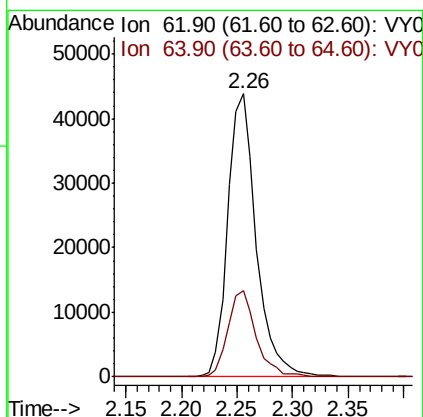
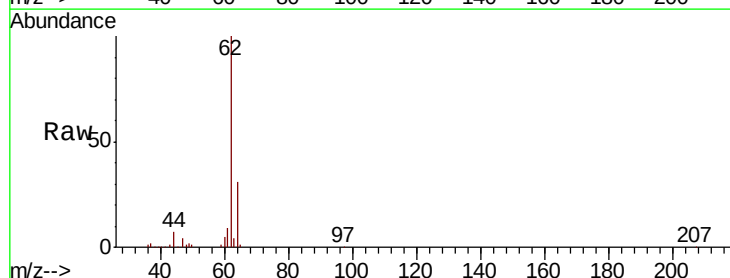
Acq: 05 Dec 2019 11:36

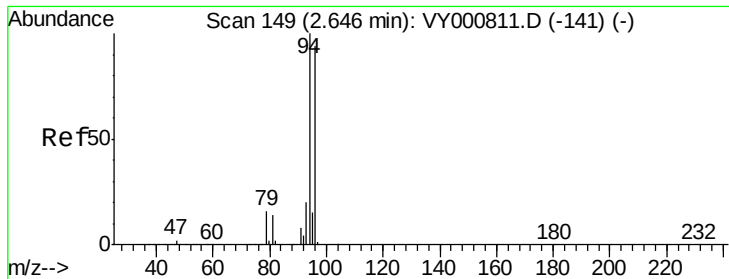
Tgt Ion: 62 Resp: 77665

Ion Ratio Lower Upper

62 100

64 30.5 25.1 37.7





#5

Bromomethane

Concen: 16.070 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 94 Resp: 39993

Ion Ratio Lower Upper

94 100

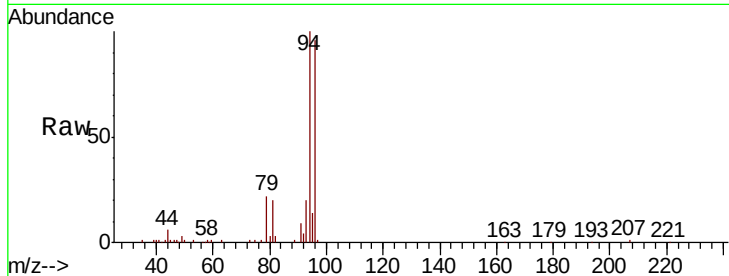
96 96.0 75.2 112.8

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

25000

20000

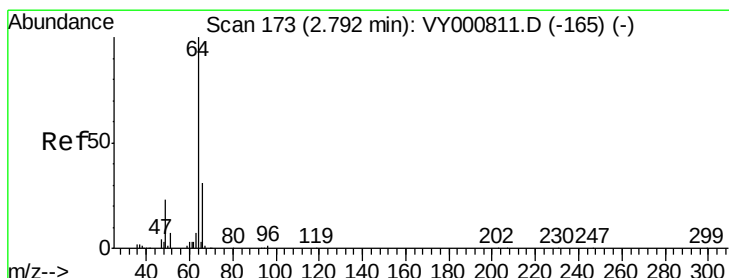
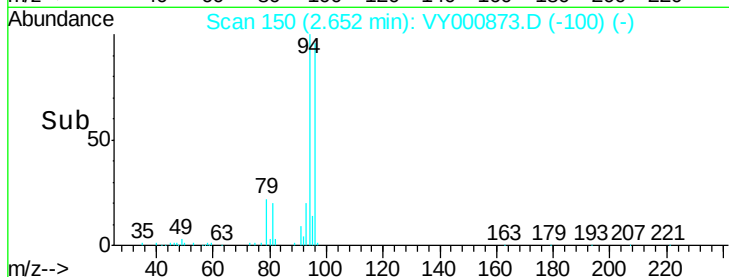
15000

10000

5000

0

Time--> 2.55 2.60 2.65 2.70 2.75



#6

Chloroethane

Concen: 20.199 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000873.D

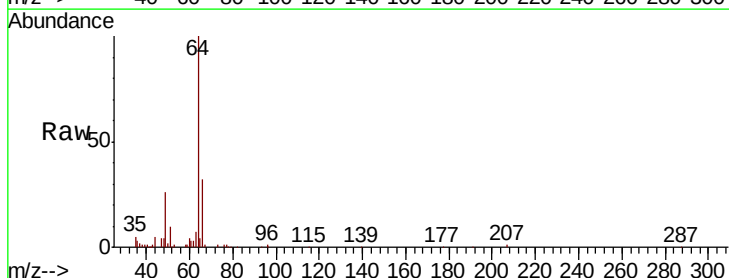
Acq: 05 Dec 2019 11:36

Tgt Ion: 64 Resp: 46877

Ion Ratio Lower Upper

64 100

66 32.1 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

25000

20000

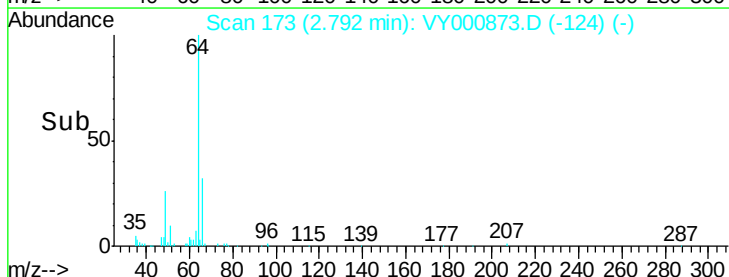
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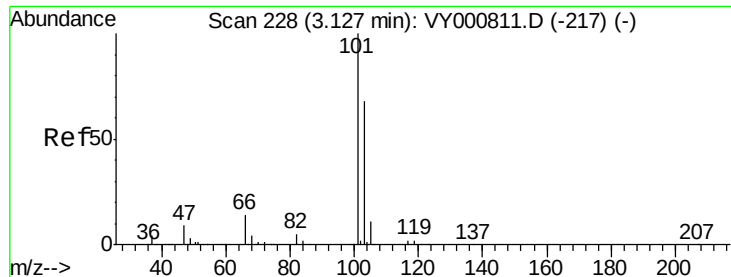
10000

5000

0

Time--> 2.70 2.75 2.80 2.85 2.90





#7

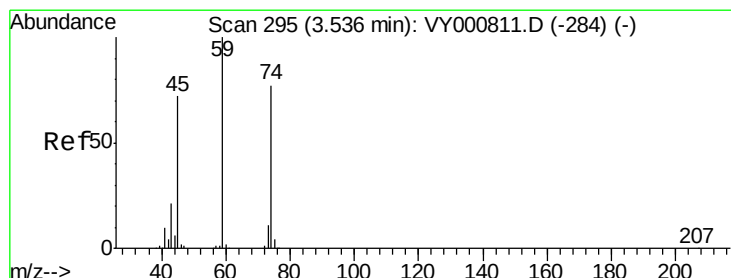
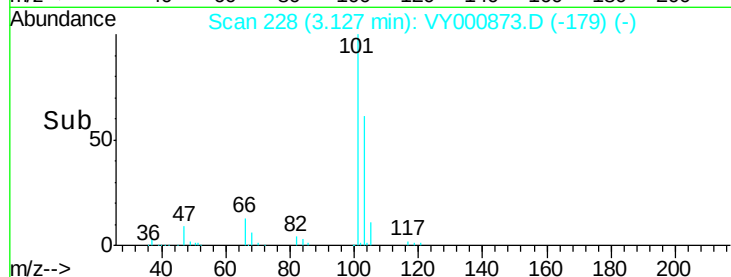
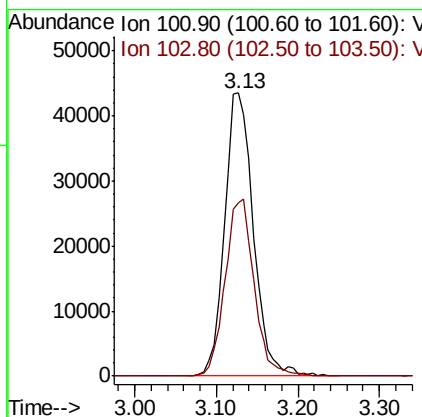
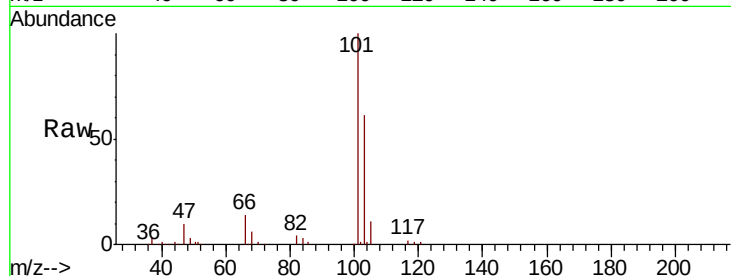
Trichlorofluoromethane
Concen: 20.388 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
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ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	105761		
103	61.0	54.2	81.2	

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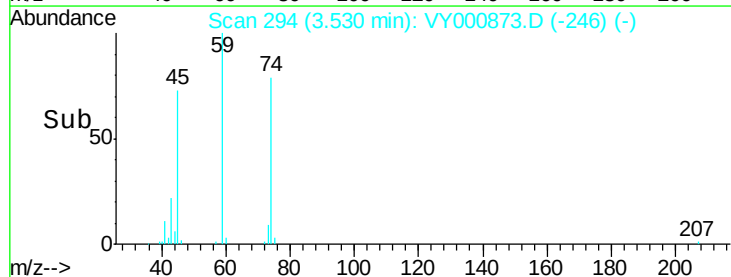
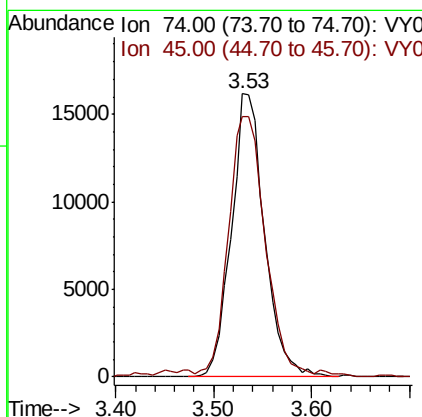
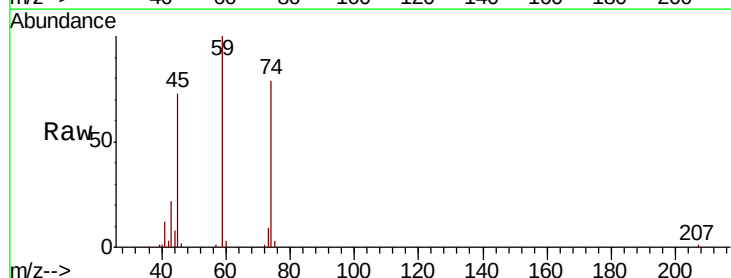
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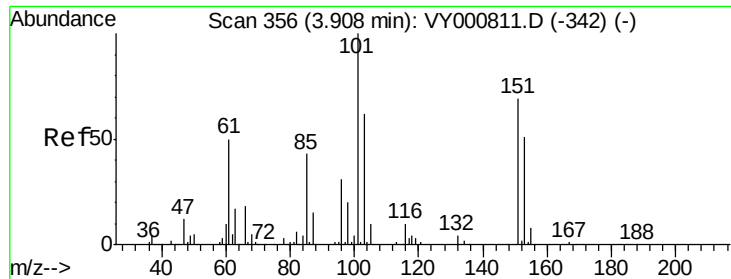


#8

Diethyl Ether
Concen: 19.418 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	37912		
45	100.5	49.0	147.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.676 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

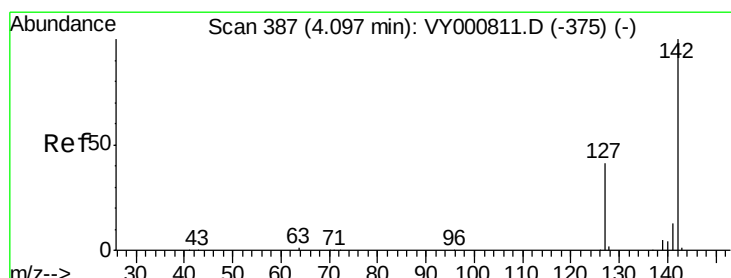
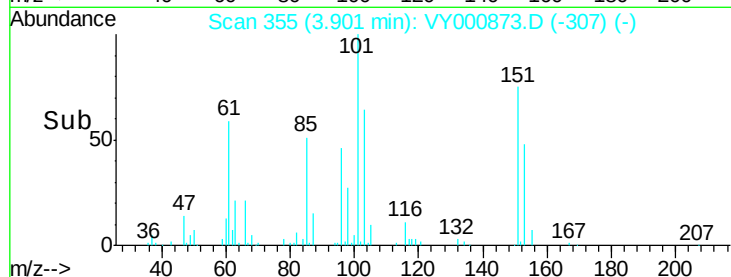
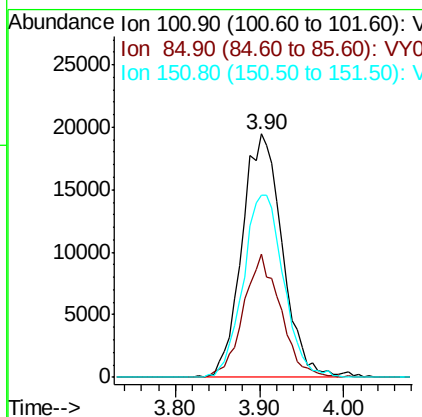
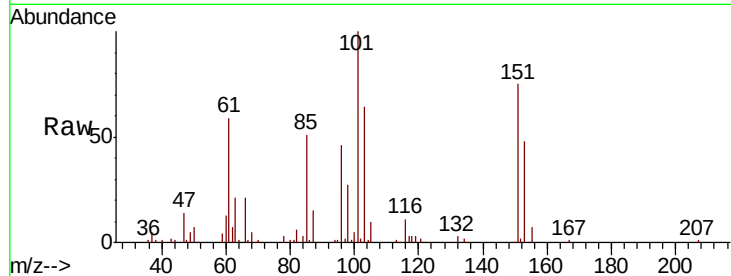
ClientSampleId :

VY1205SBS01

Tot Ion:	101	Resp:	63030
Ion Ratio	Lower	Upper	
101	100		
85	47.1	36.0	54.0
151	75.4	58.2	87.2

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#10

Methyl Iodide

Concen: 18.577 ug/l

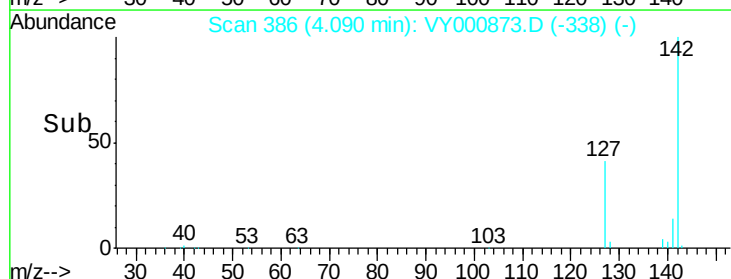
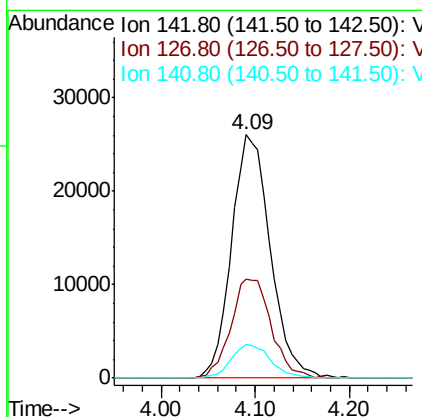
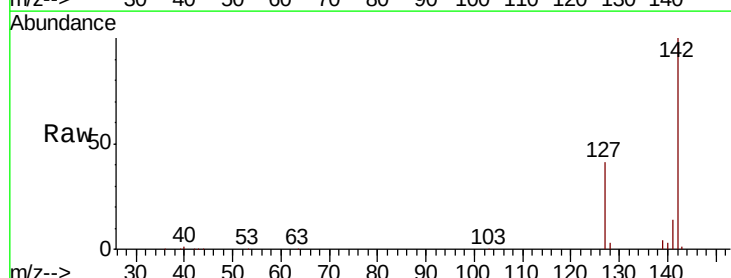
RT: 4.09 min Scan# 386

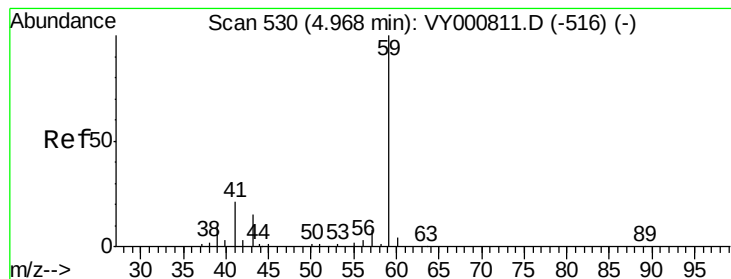
Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Tgt Ion:	142	Resp:	74925
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.8	50.8
141	14.1	10.9	16.3





#11

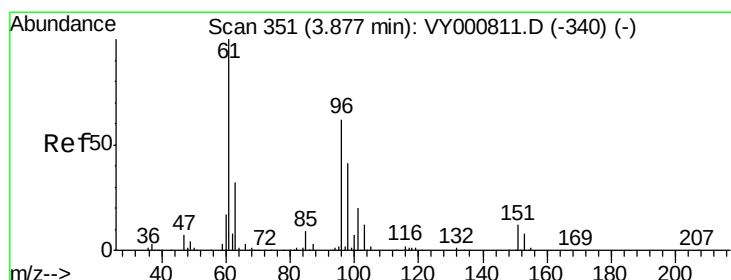
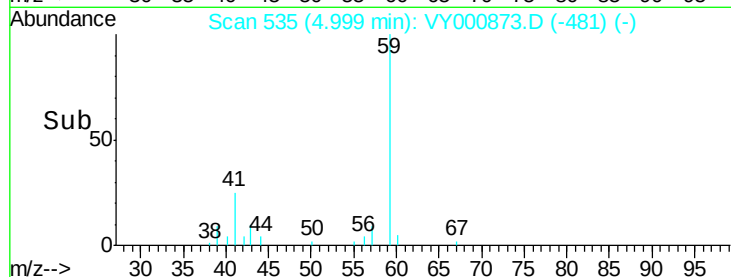
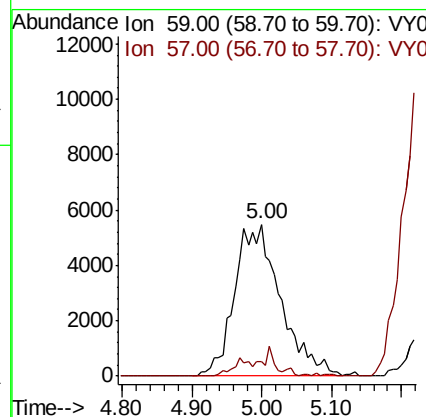
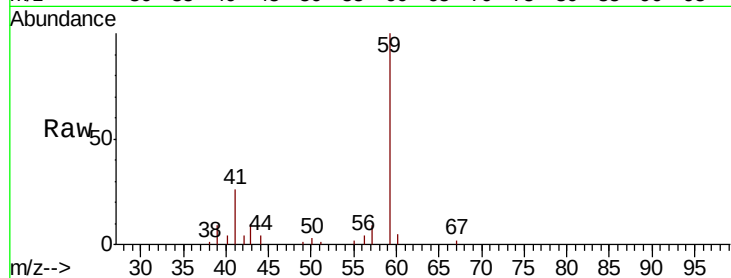
Tert butyl alcohol
Concen: 80.838 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.03 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion: 59 Resp: 25013
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

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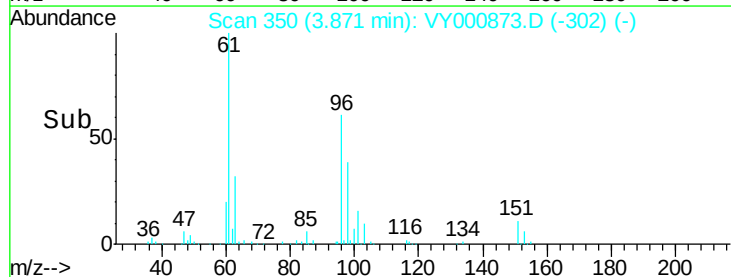
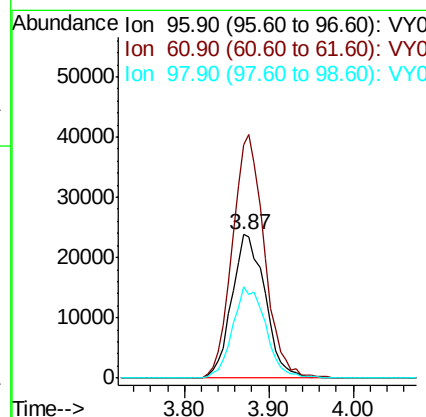
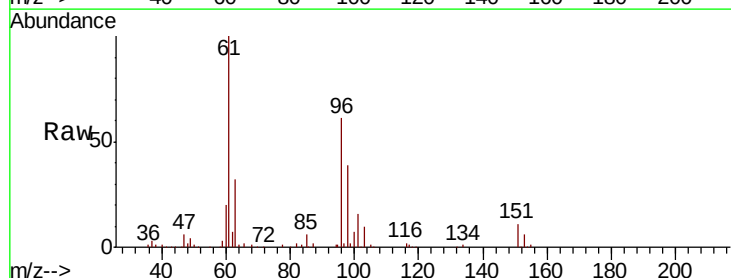
apatel
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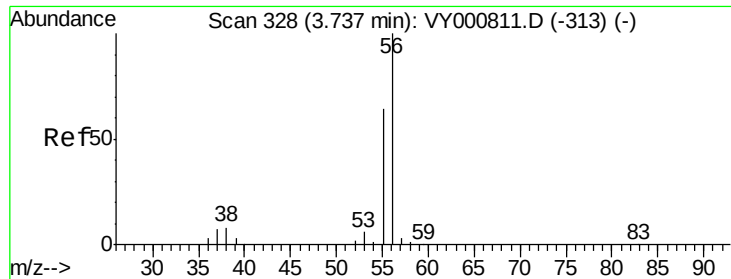


#12

1,1-Dichloroethene
Concen: 20.156 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 96 Resp: 63968
Ion Ratio Lower Upper
96 100
61 163.0 129.4 194.2
98 63.6 53.4 80.0





#13

Acrolein

Concen: 100.951 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 56 Resp: 30770

Ion Ratio Lower Upper

56 100

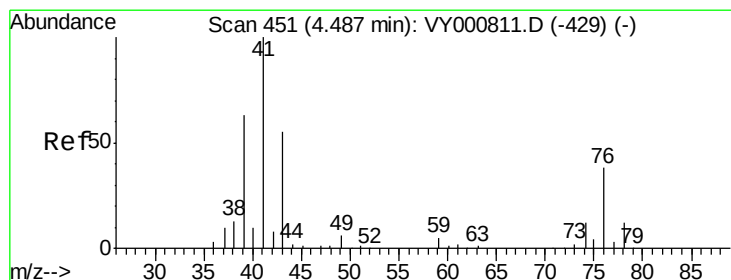
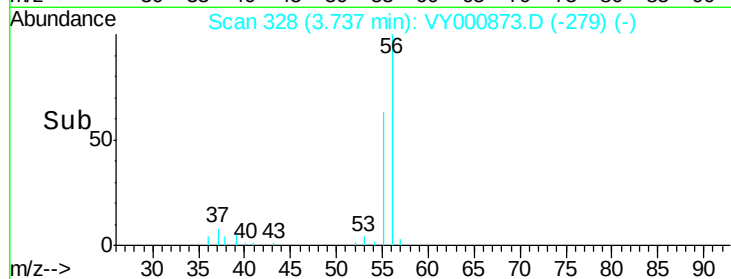
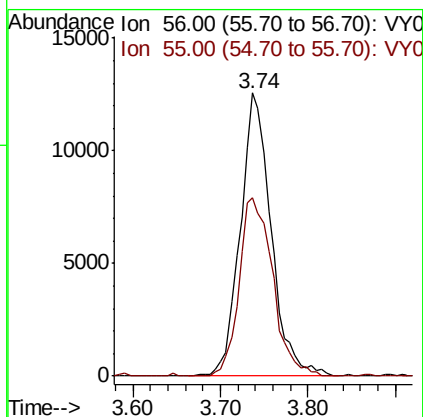
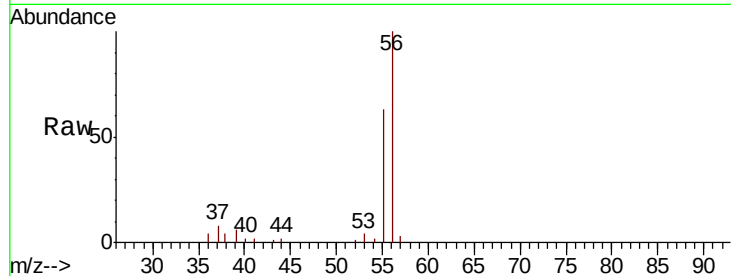
55 68.7 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 20.633 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

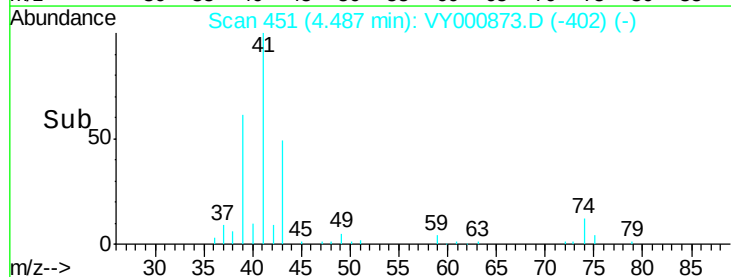
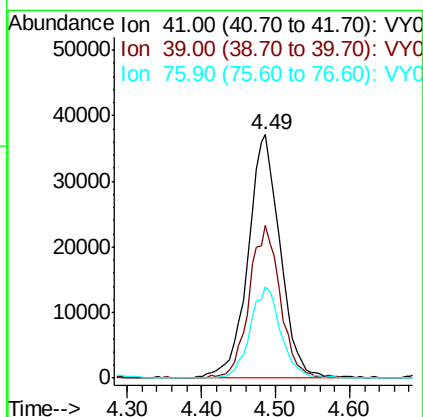
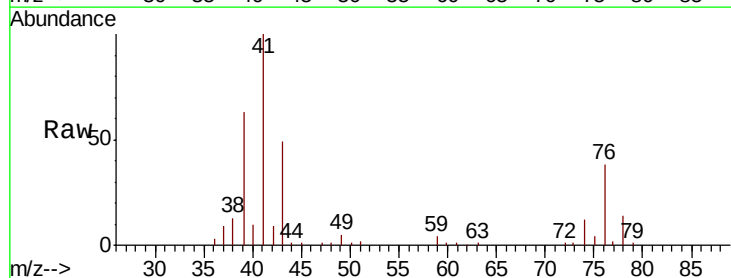
Tgt Ion: 41 Resp: 112274

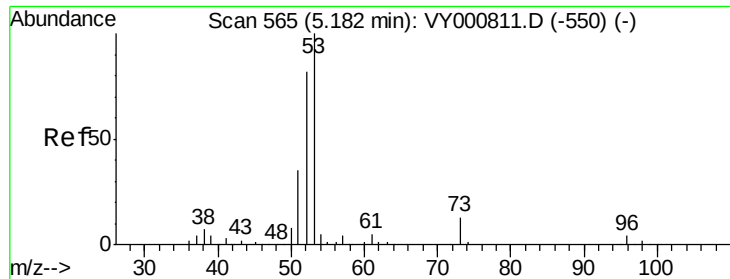
Ion Ratio Lower Upper

41 100

39 60.4 49.2 73.8

76 35.8 29.2 43.8





#15

Acrylonitrile

Concen: 96.833 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

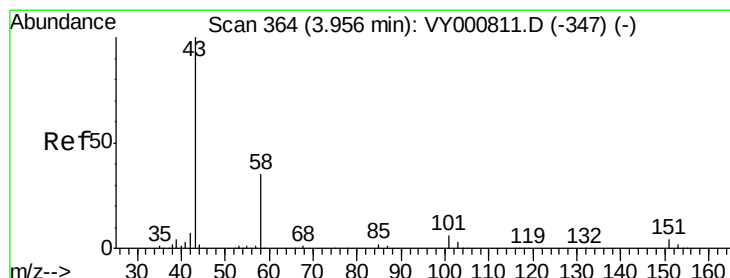
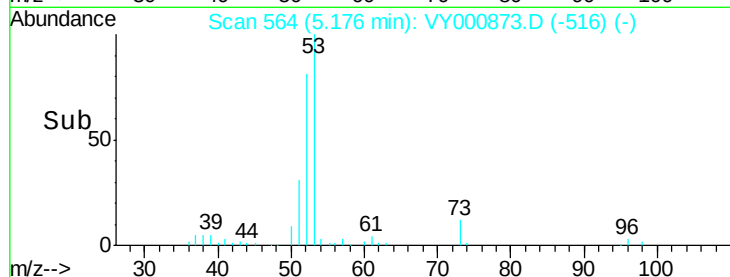
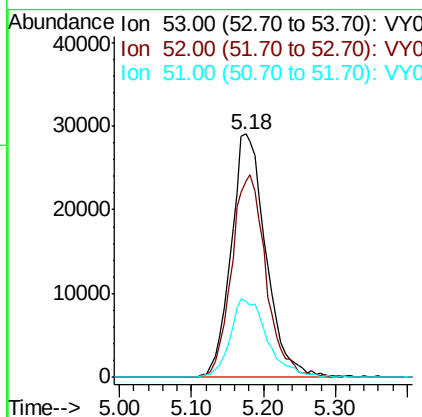
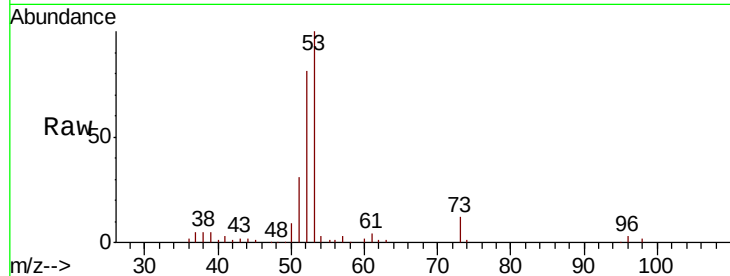
ClientSampleId :

VY1205SBS01

Tot Ion:	53	Resp:	97625
Ion Ratio	Lower	Upper	
53	100		
52	81.8	65.1	97.7
51	34.5	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 96.145 ug/l

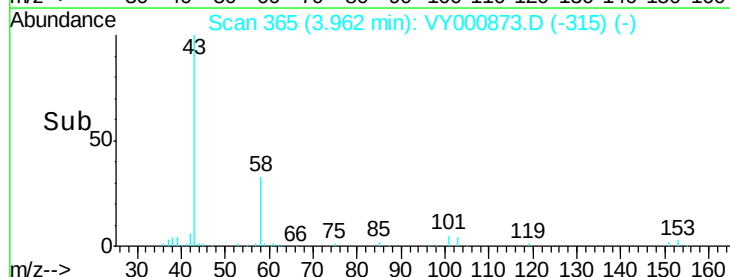
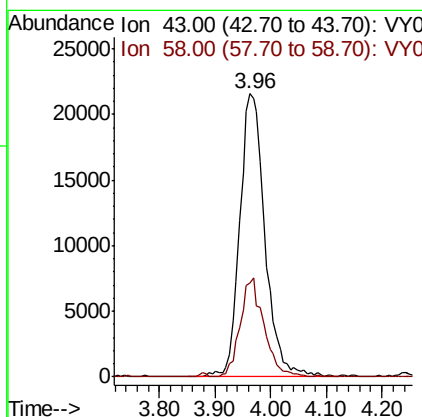
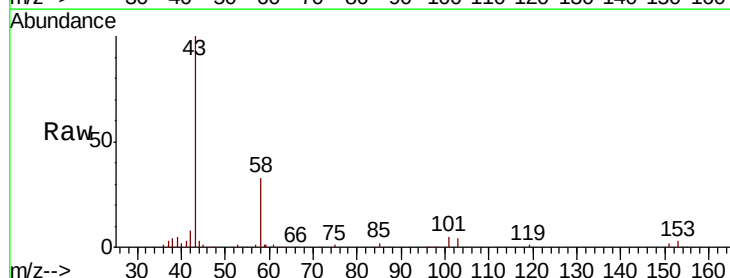
RT: 3.96 min Scan# 365

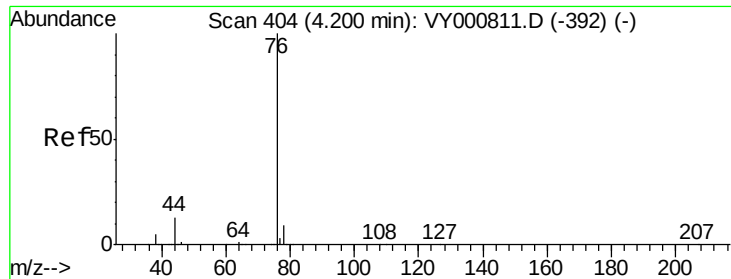
Delta R.T. 0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Tgt Ion:	43	Resp:	67833
Ion Ratio	Lower	Upper	
43	100		
58	33.1	28.0	42.0





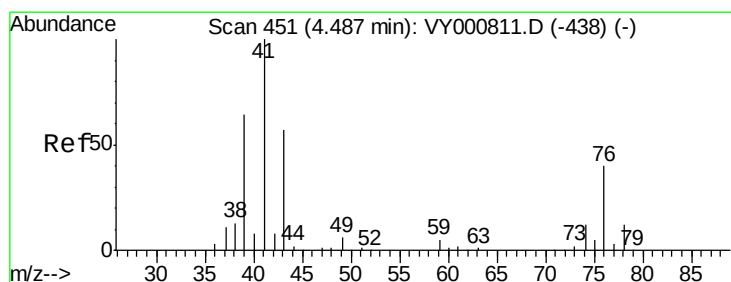
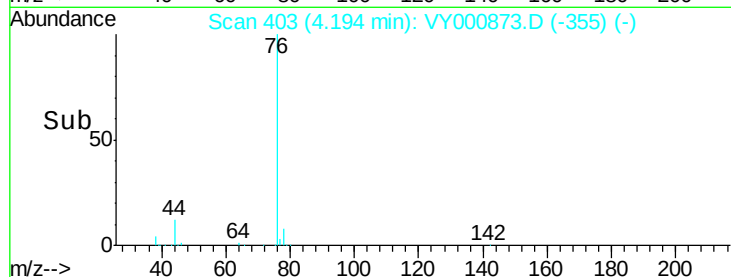
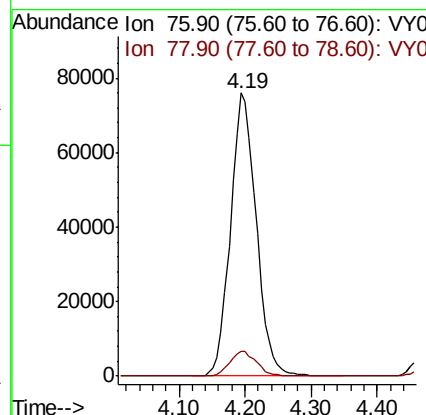
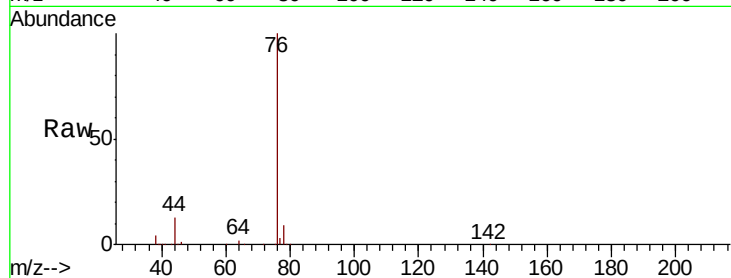
#17
Carbon Disulfide
Concen: 19.926 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

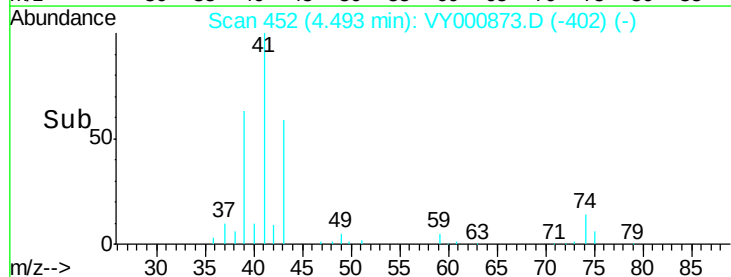
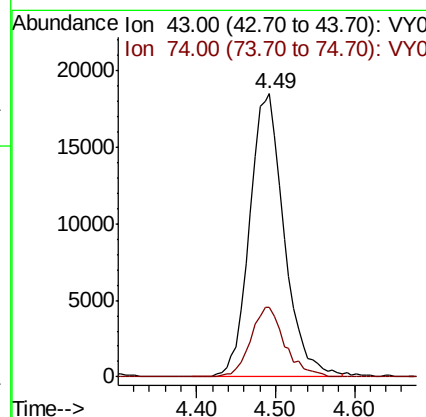
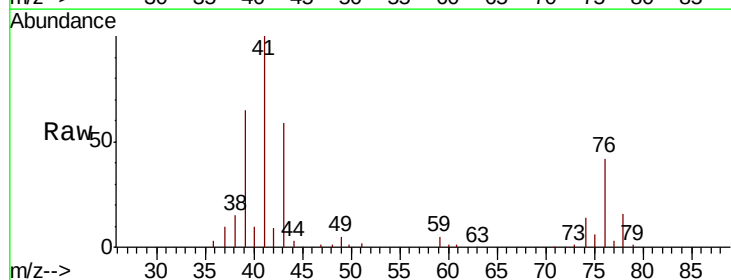
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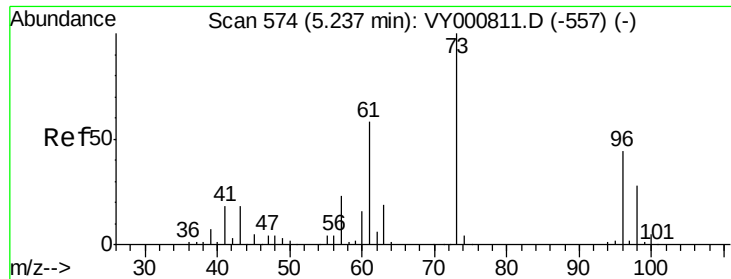
apatel
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#18
Methyl Acetate
Concen: 19.103 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	18.5	27.7





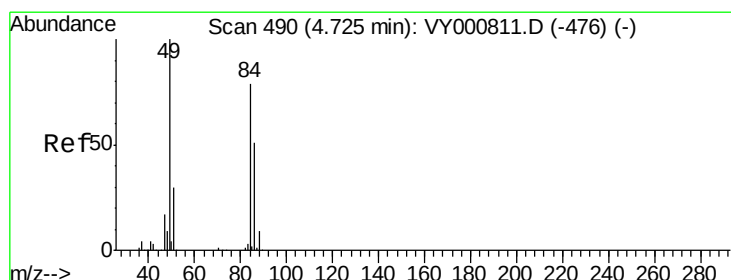
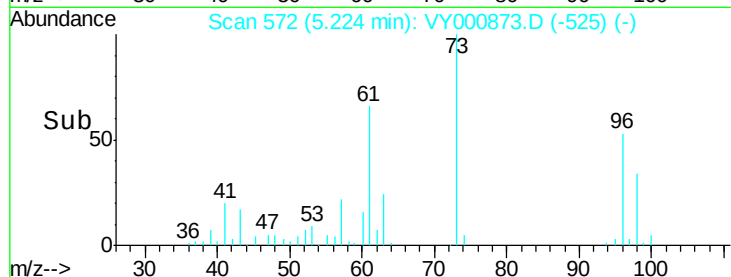
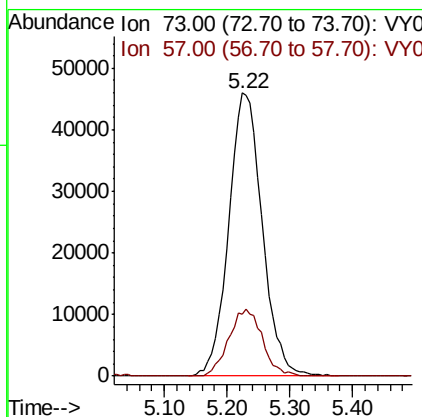
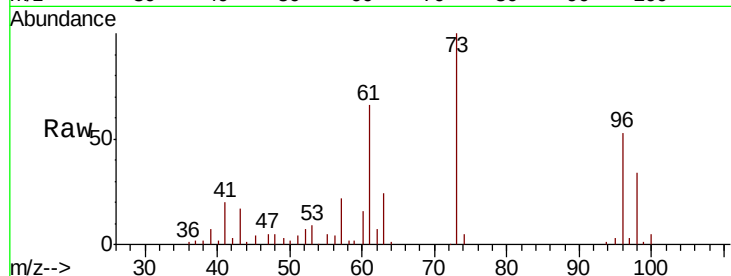
#19
Methyl tert-butyl Ether
Concen: 20.031 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampled :
VY1205SBS01

Tot Ion: 73 Resp: 169768
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.4

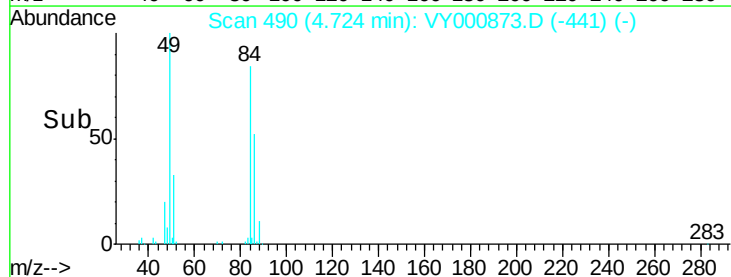
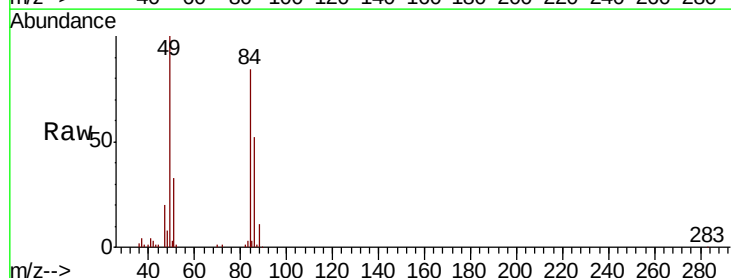
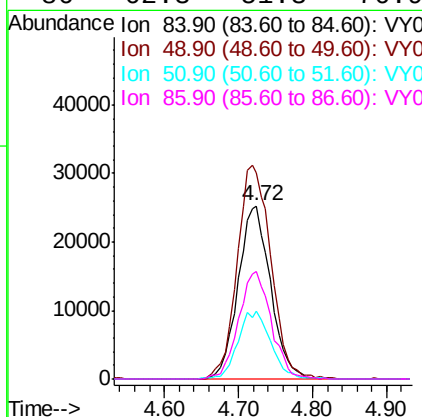
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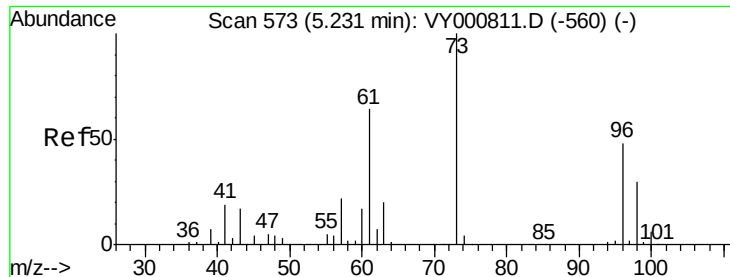
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#20
Methylene Chloride
Concen: 20.806 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 84 Resp: 77378
Ion Ratio Lower Upper
84 100
49 119.0 101.3 151.9
51 38.9 30.6 45.8
86 62.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.555 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

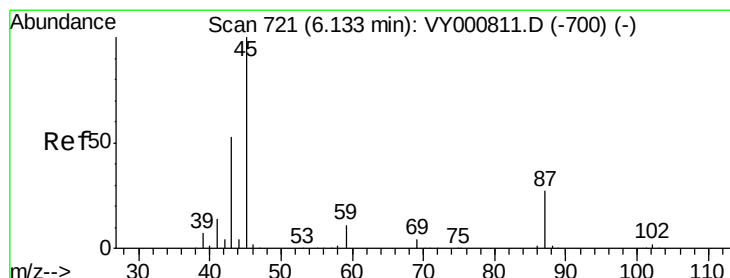
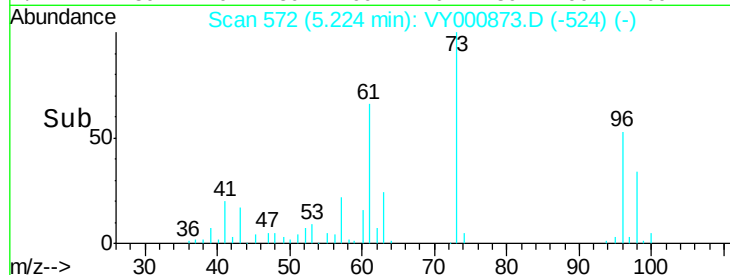
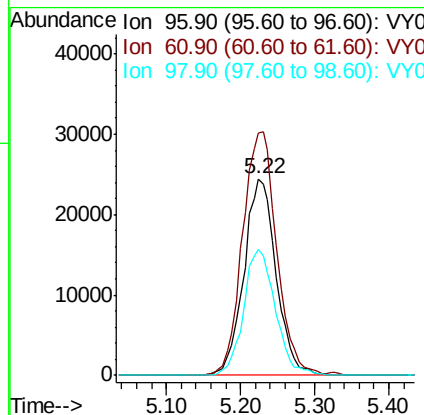
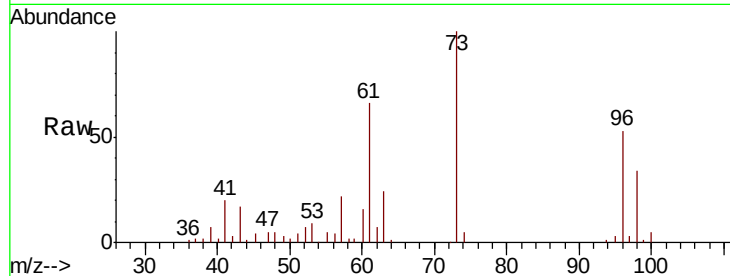
ClientSampleId :

VY1205SBS01

Tot Ion:	96	Resp:	74144
Ion	Ratio	Lower	Upper
96	100		
61	123.3	105.9	158.9
98	64.0	49.4	74.2

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#22

Diisopropyl ether

Concen: 20.829 ug/l

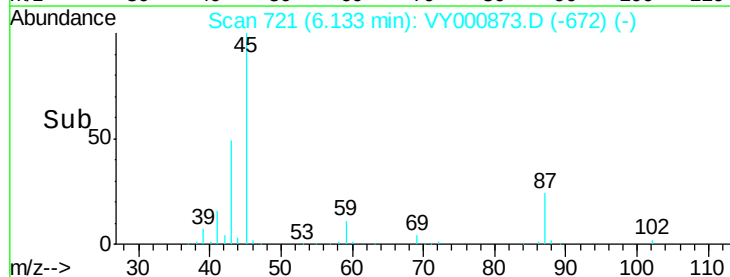
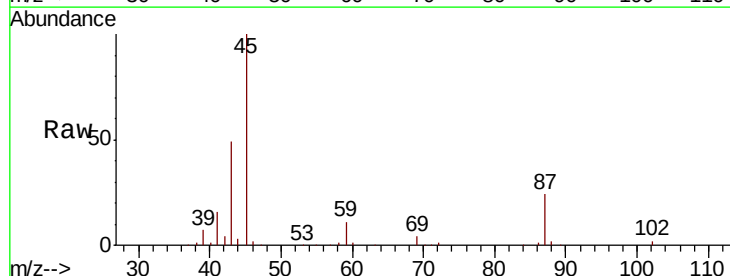
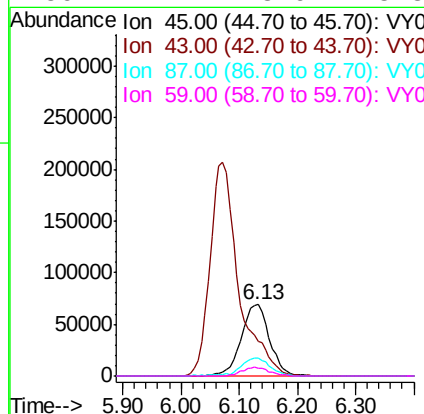
RT: 6.13 min Scan# 721

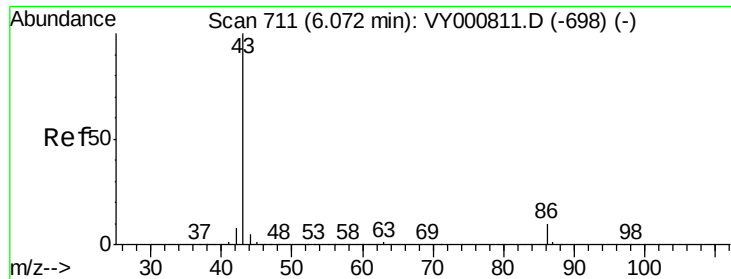
Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Tgt Ion:	45	Resp:	232955
Ion	Ratio	Lower	Upper
45	100		
43	48.9	42.7	64.1
87	24.4	22.0	33.0
59	11.1	8.9	13.3





#23

Vinyl Acetate

Concen: 103.487 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 43 Resp: 703632

Ion Ratio Lower Upper

43 100

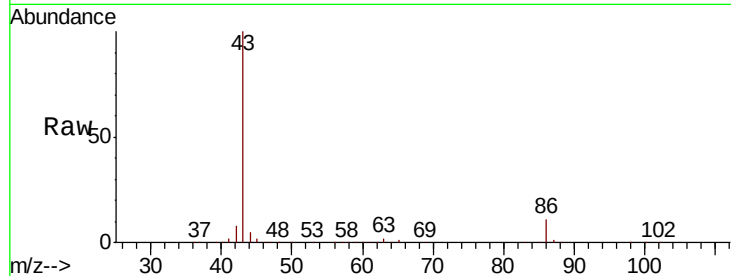
86 10.6 8.3 12.5

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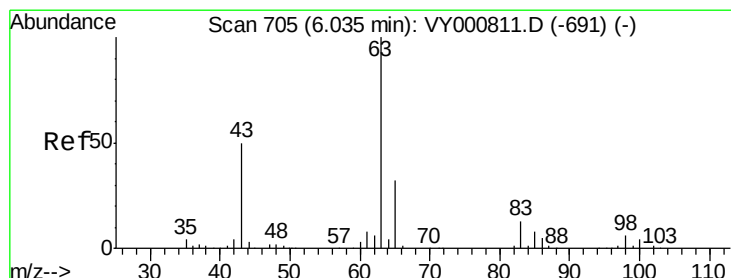
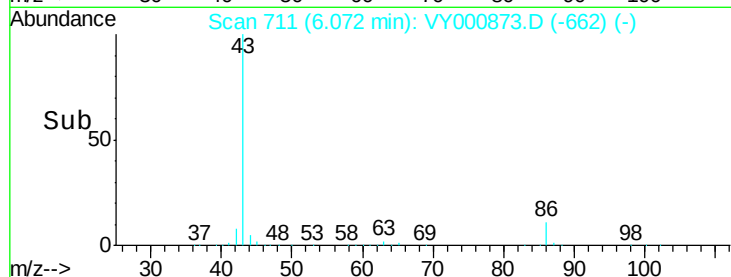
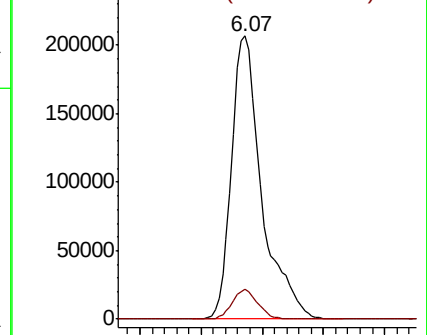
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.859 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

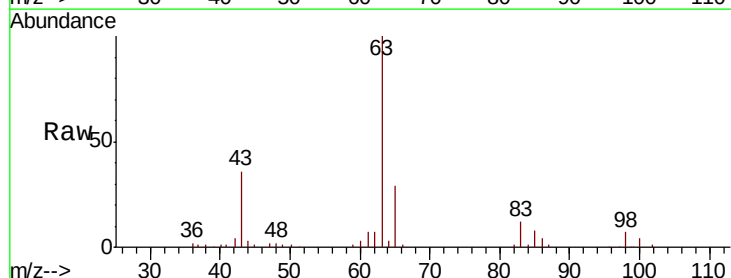
Tgt Ion: 63 Resp: 128581

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

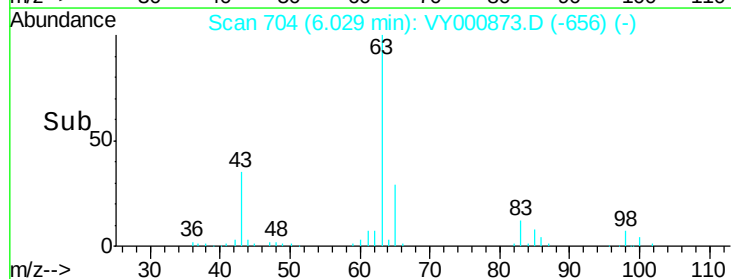
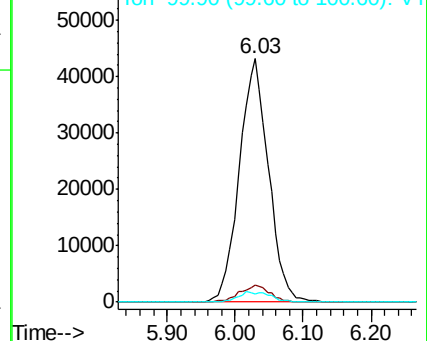
100 3.5 2.2 6.6

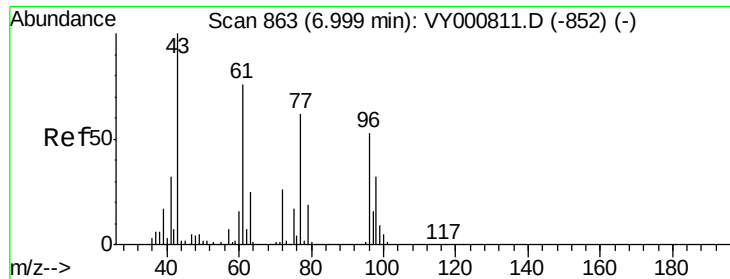


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 92.333 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 43 Resp: 120337

Ion Ratio Lower Upper

43 100

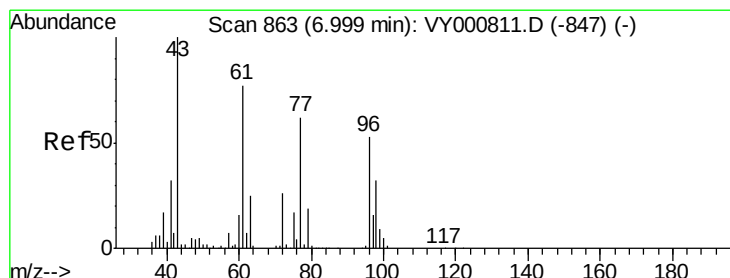
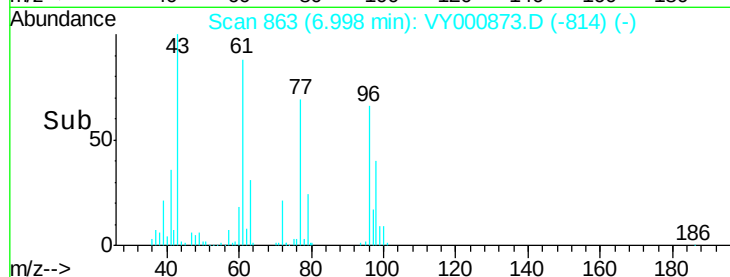
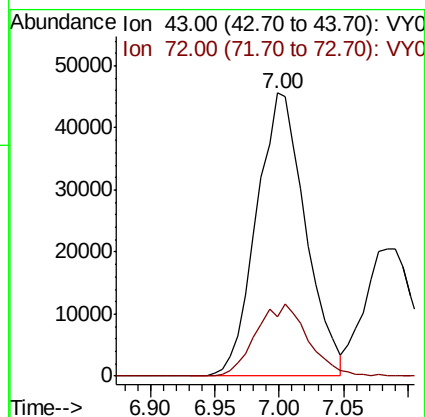
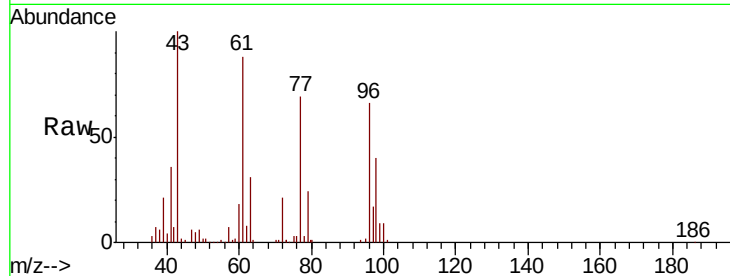
72 21.2 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 19.685 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000873.D

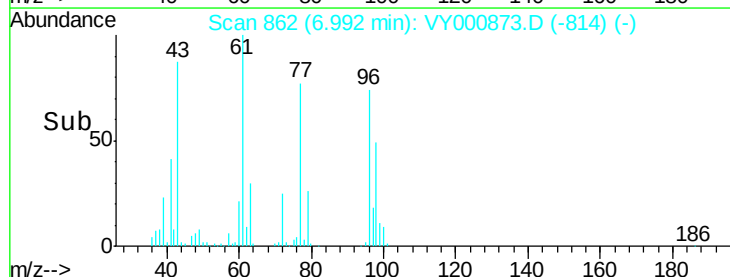
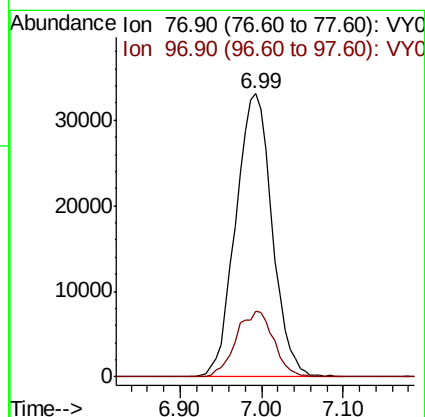
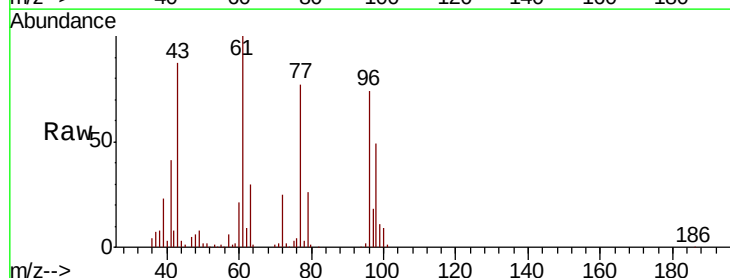
Acq: 05 Dec 2019 11:36

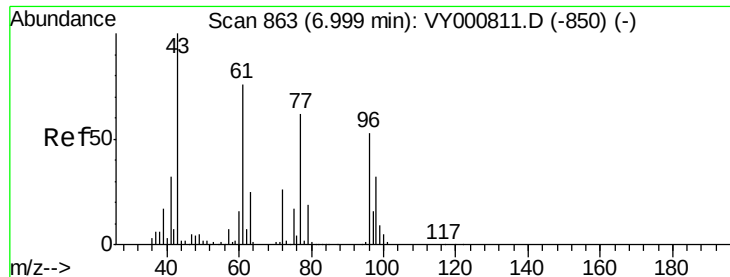
Tgt Ion: 77 Resp: 102129

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.9





#27

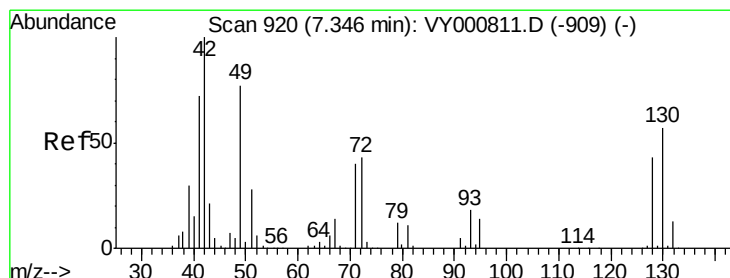
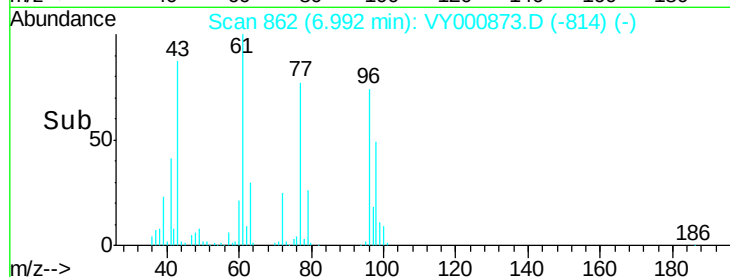
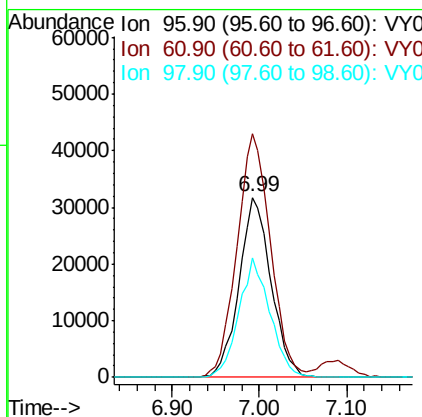
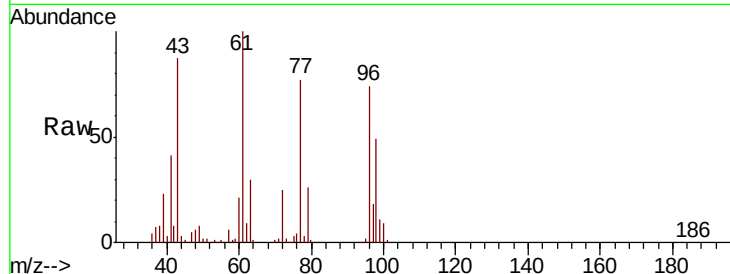
cis-1,2-Dichloroethene
Concen: 20.748 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	80897		
61	141.5		0.0	285.0
98	64.6		0.0	128.0

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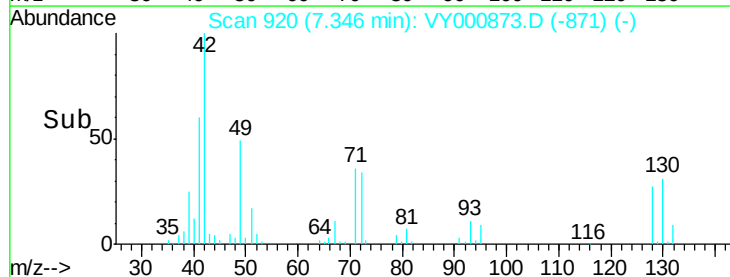
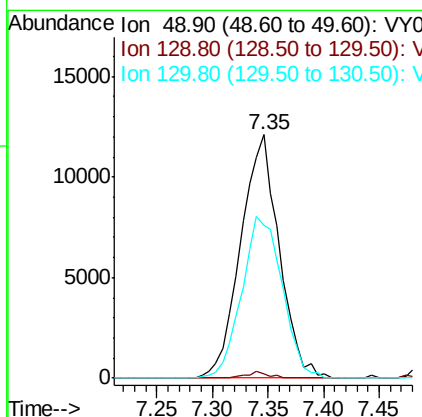
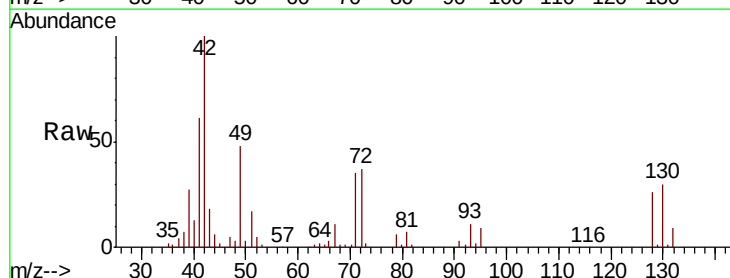
apatel
12/6/2019 10:01:20 AM

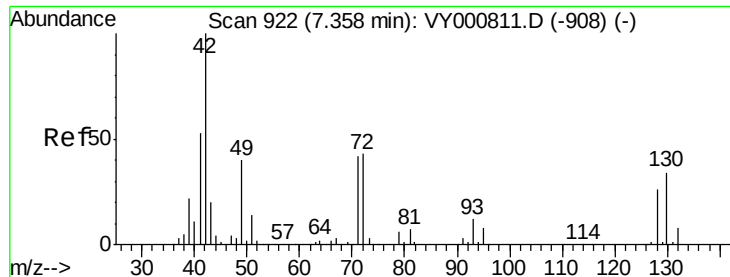


#28

Bromochloromethane
Concen: 14.345 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	29037		
129	1.5		0.0	3.8
130	70.2		58.7	88.1





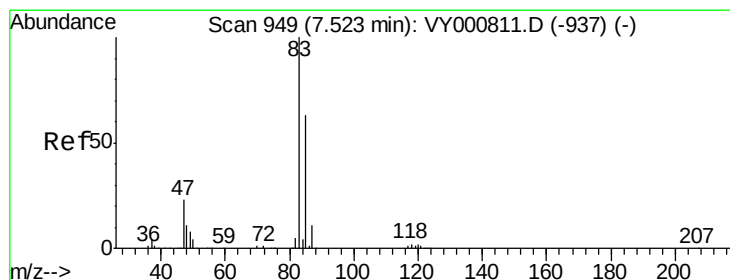
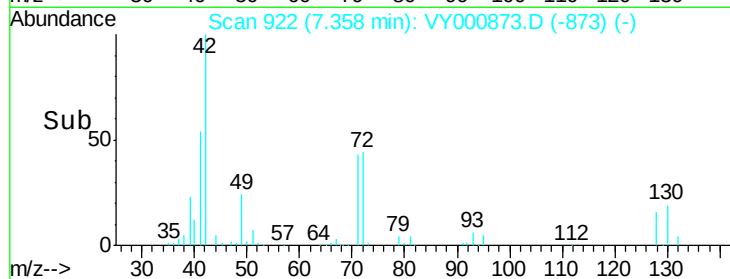
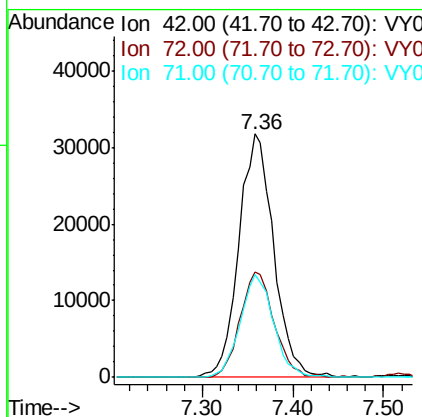
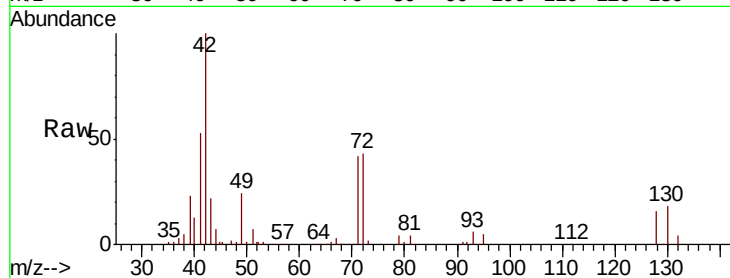
#29
Tetrahydrofuran
Concen: 97.700 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	35.1	52.7
71	40.4	32.8	49.2

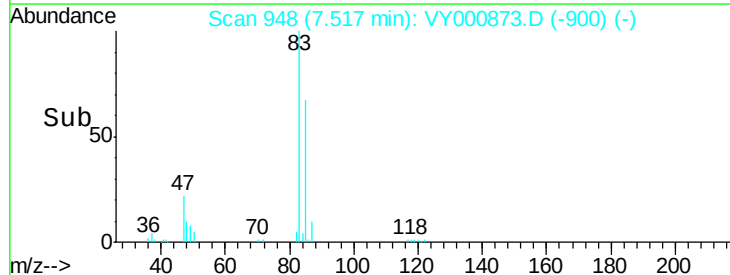
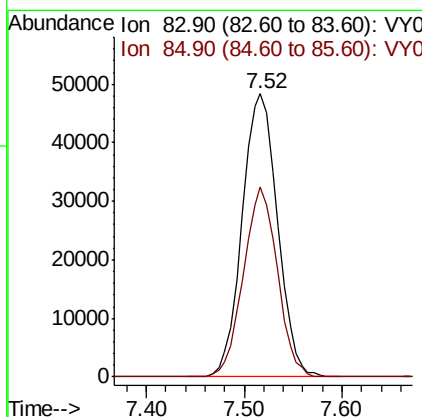
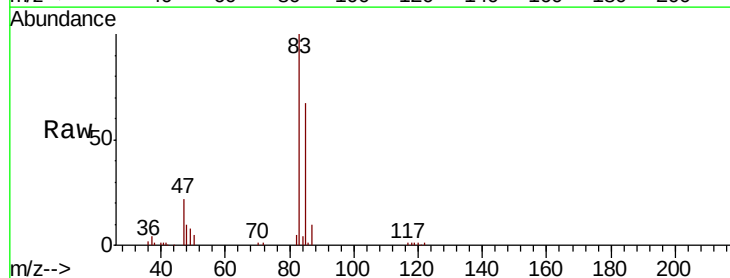
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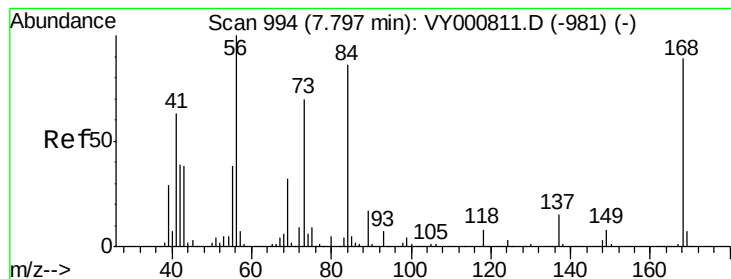
apatel
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#30
Chloroform
Concen: 19.570 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	50.4	75.6





#31

Cyclohexane

Concen: 20.662 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

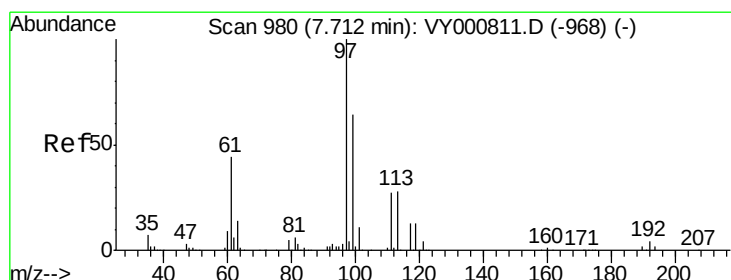
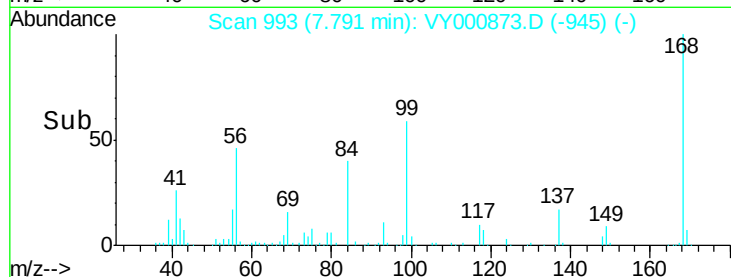
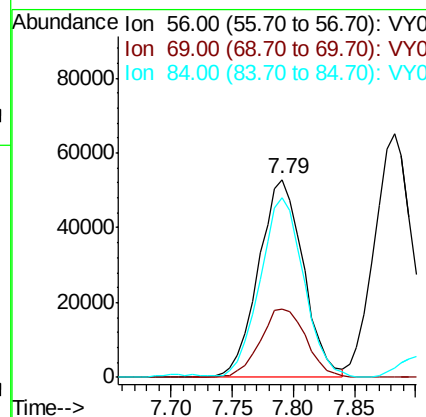
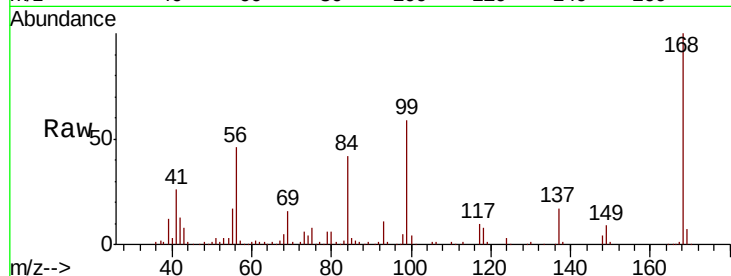
ClientSampleId :

VY1205SBS01

Tot Ion:	56	Resp:	134927
Ion Ratio	Lower	Upper	
56	100		
69	34.6	25.9	38.9
84	89.1	68.6	102.8

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12/6/2019 10:01:20 AM



#32

1,1,1-Trichloroethane

Concen: 20.193 ug/l

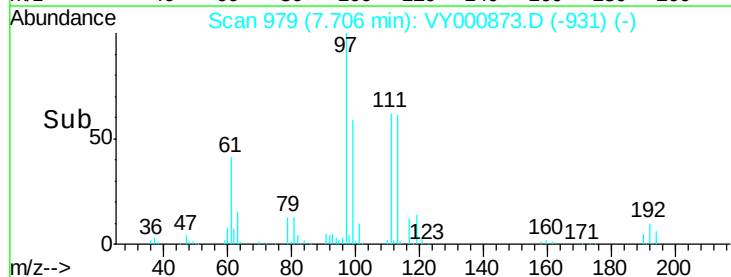
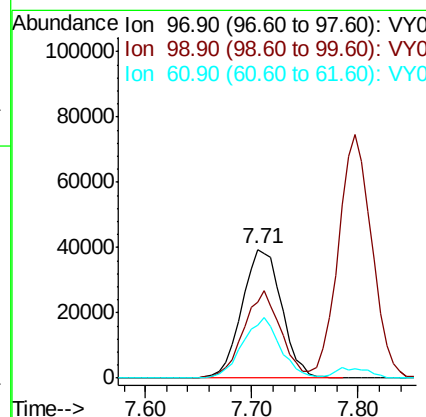
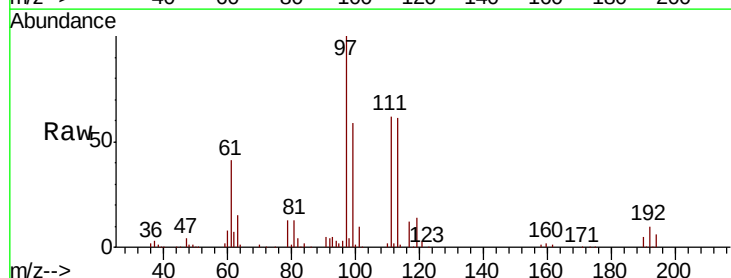
RT: 7.71 min Scan# 979

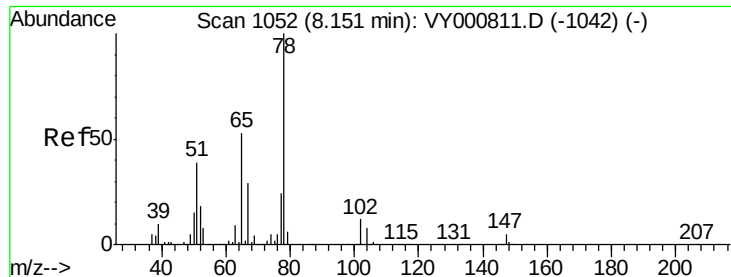
Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Tgt Ion:	97	Resp:	103110
Ion Ratio	Lower	Upper	
97	100		
99	63.4	51.7	77.5
61	44.6	35.0	52.6





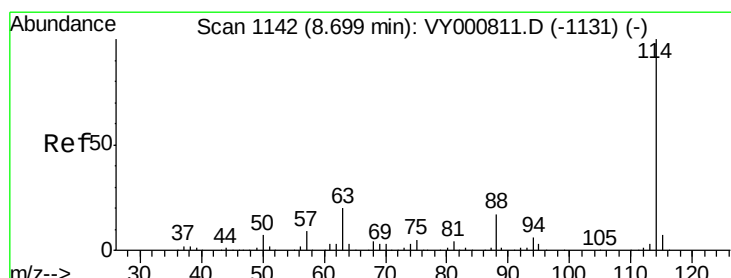
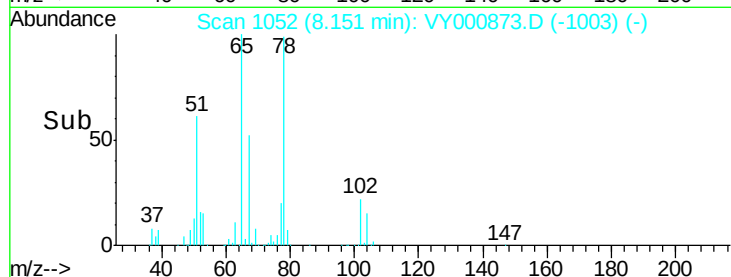
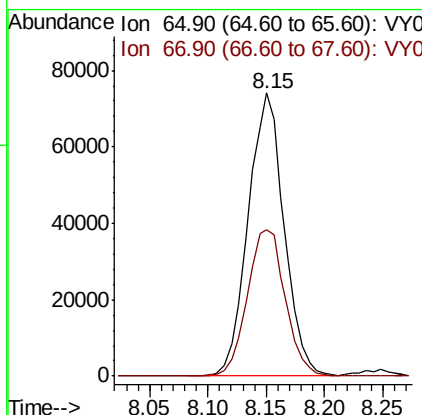
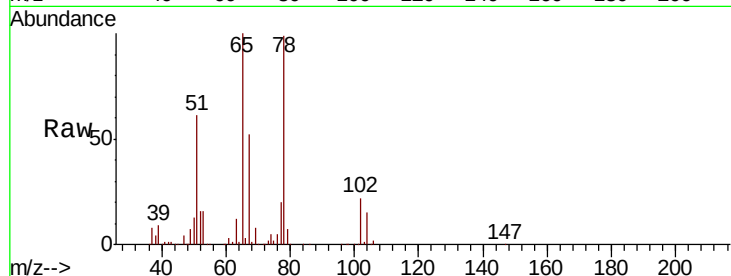
#33
 1,2-Dichloroethane-d4
 Concen: 51.816 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	159362		
67	54.5	0.0	112.0	

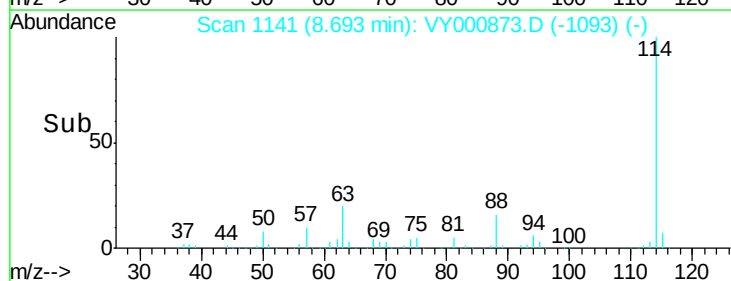
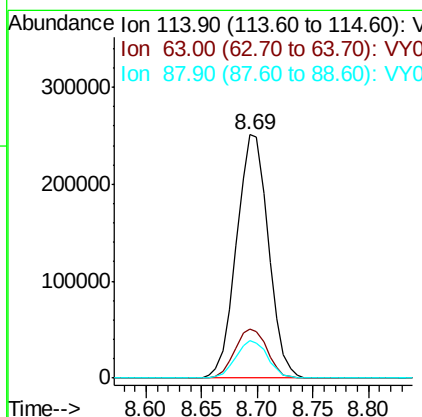
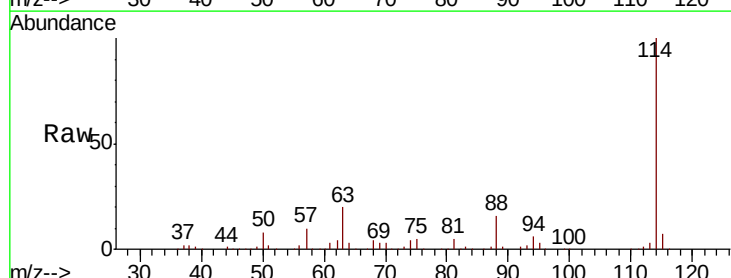
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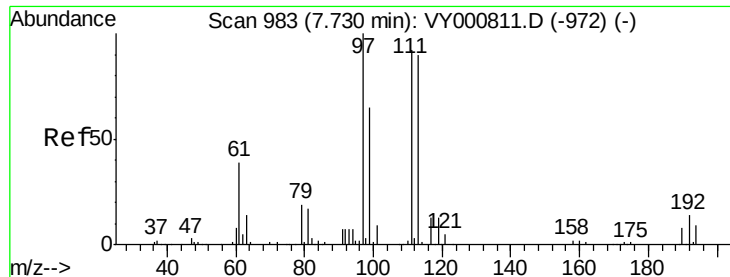
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	498751		
63	20.0	0.0	39.8	
88	15.5	0.0	33.2	





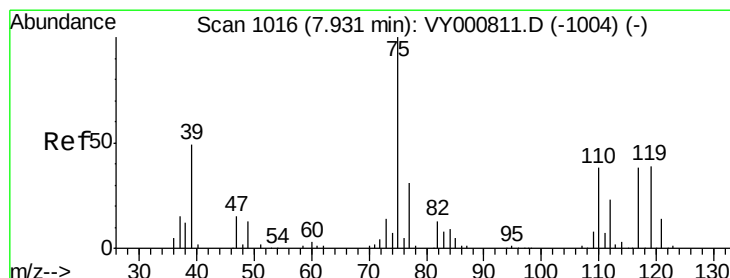
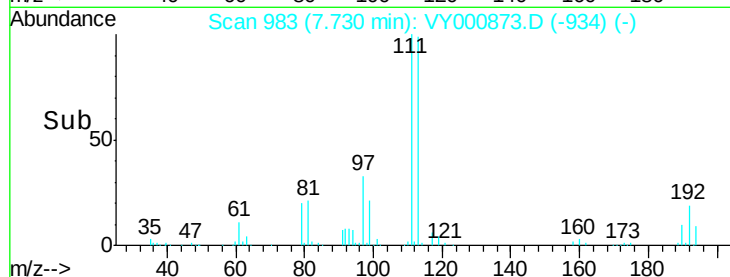
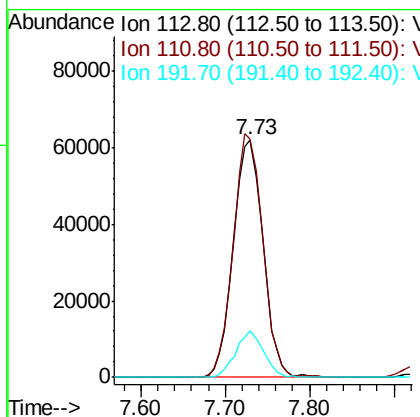
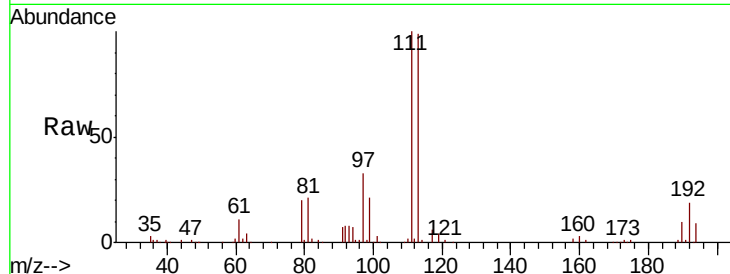
#35
 Dibromofluoromethane
 Concen: 50.958 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	148120		
111	101.5	82.4	123.6	
192	18.1	14.2	21.2	

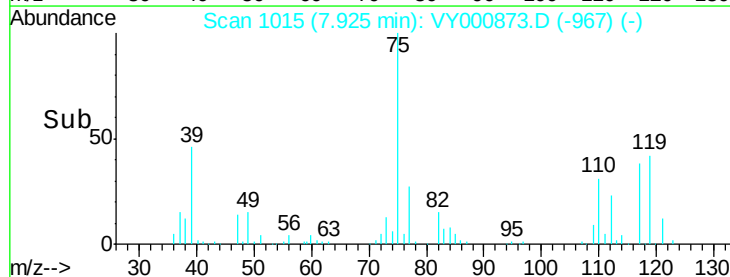
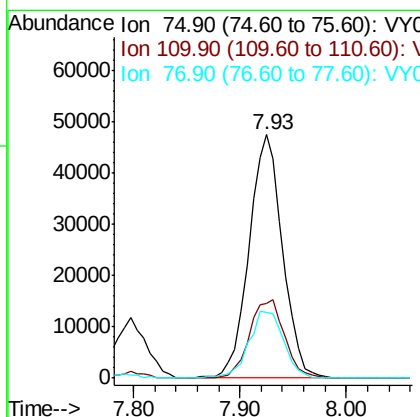
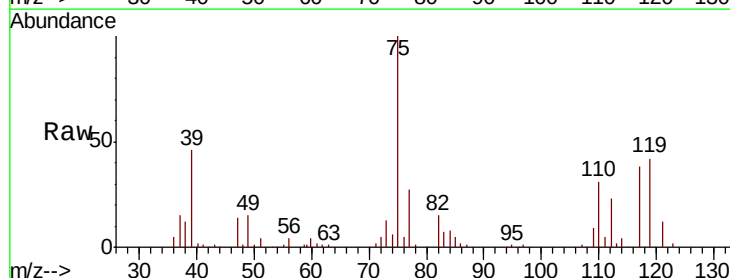
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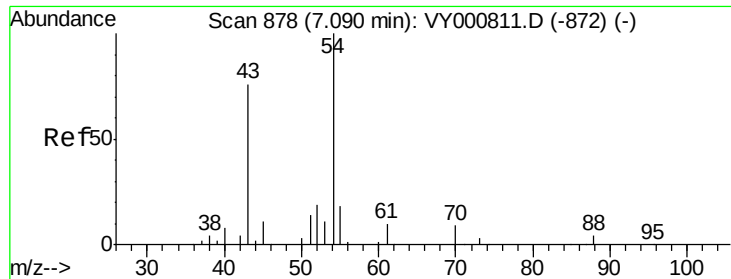
apatel
 12/6/2019 10:01:20 AM



#36
 1,1-Dichloropropene
 Concen: 21.123 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	104750		
110	33.7	17.9	53.7	
77	28.8	24.7	37.1	





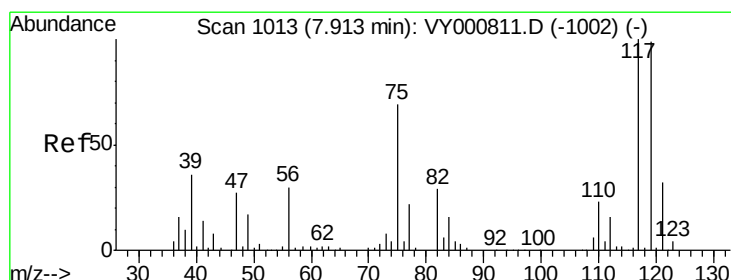
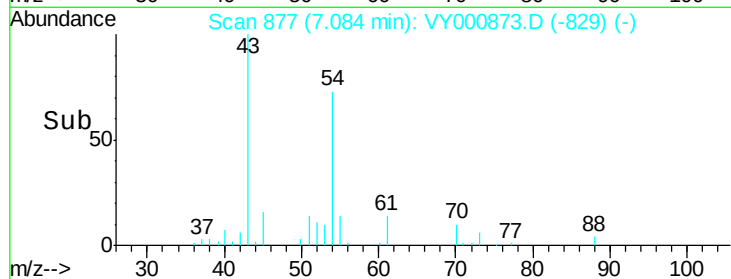
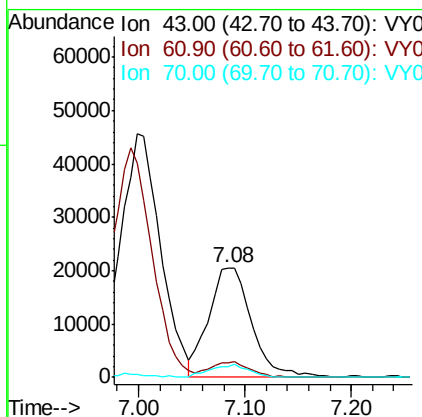
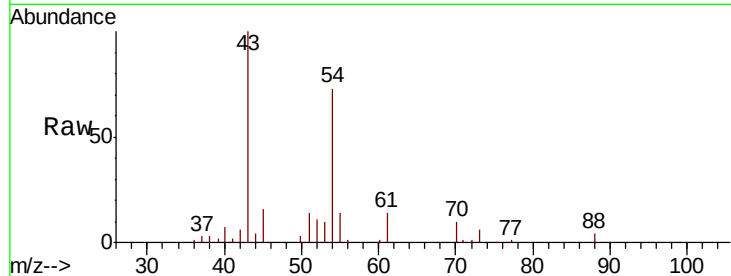
#37
Ethyl Acetate
Concen: 20.070 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.8	17.8
70	10.7	8.7	13.1

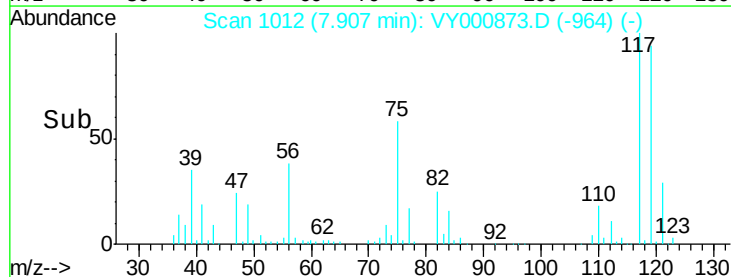
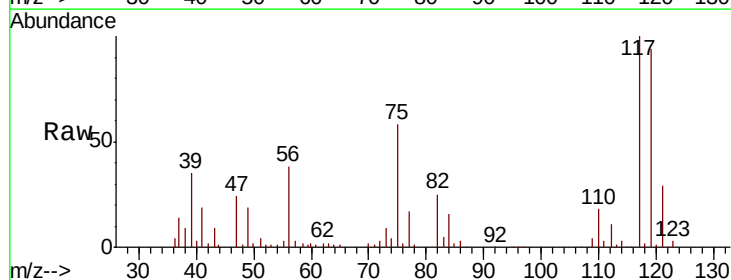
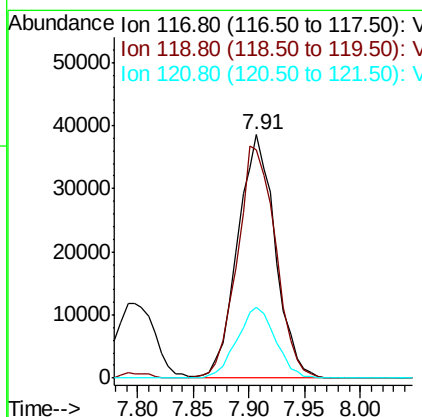
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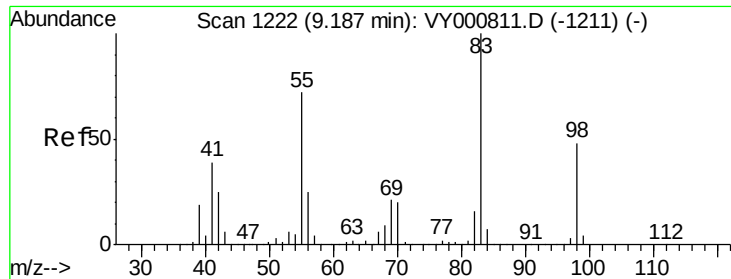
apatel
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#38
Carbon Tetrachloride
Concen: 20.437 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	79.3	118.9
121	29.1	25.5	38.3





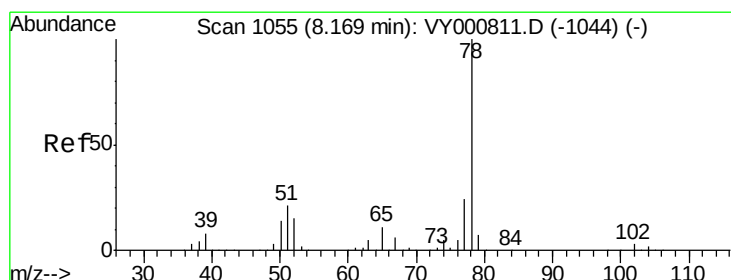
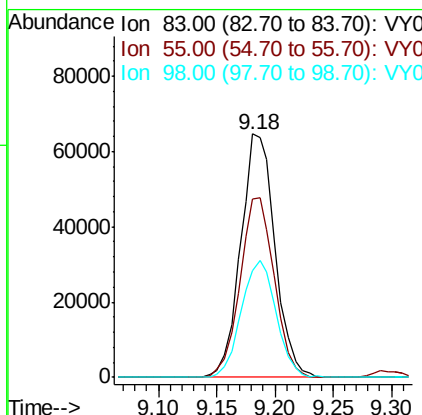
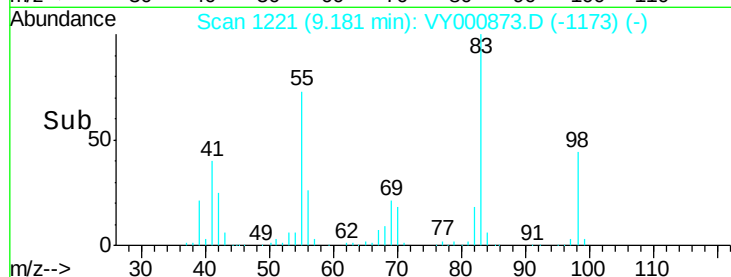
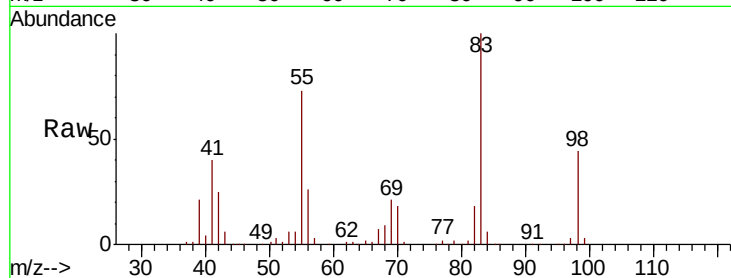
#39
Methylvlcyclohexane
Concen: 20.103 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.2	57.8	86.6
98	43.7	38.6	58.0

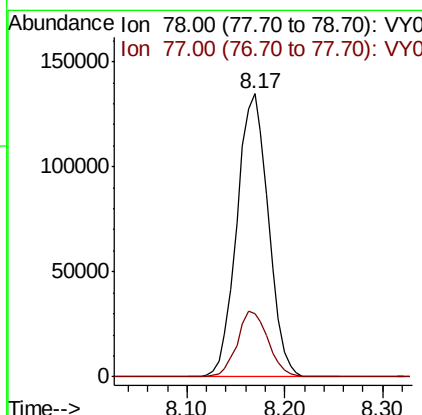
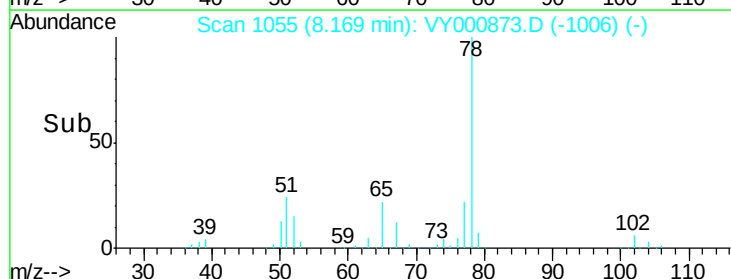
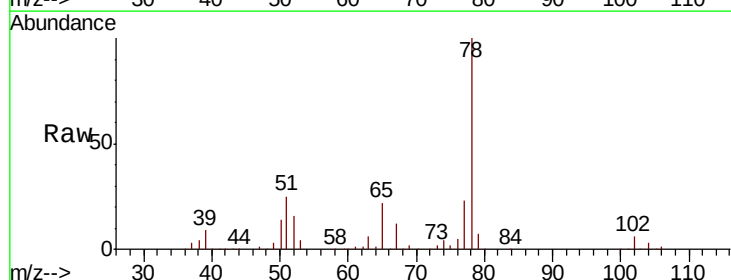
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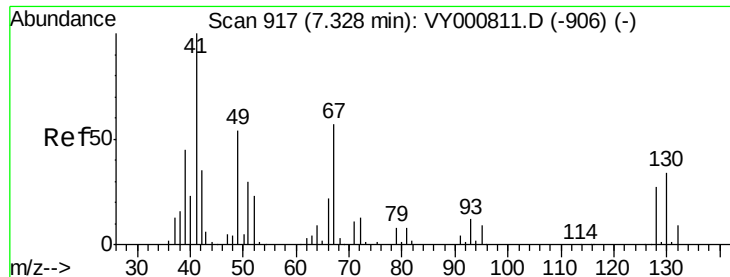
apatel
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#40
Benzene
Concen: 20.815 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.2	28.8





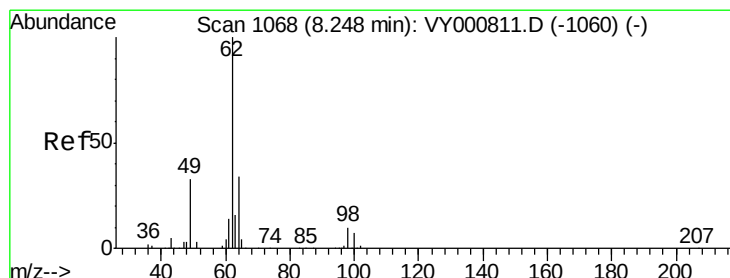
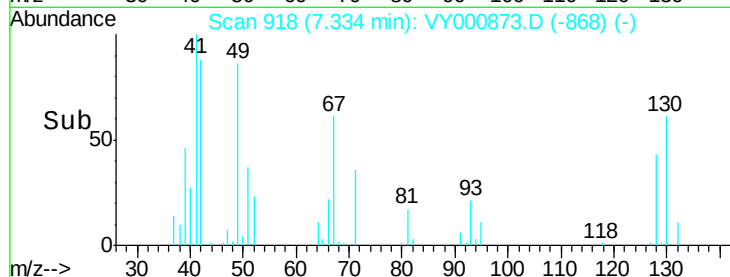
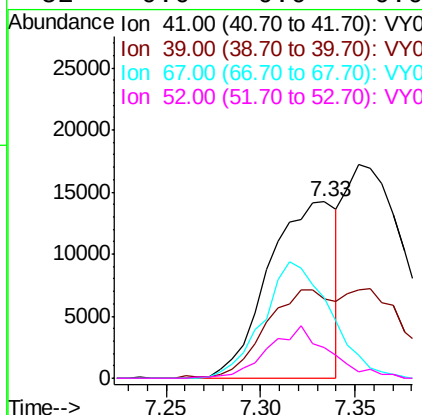
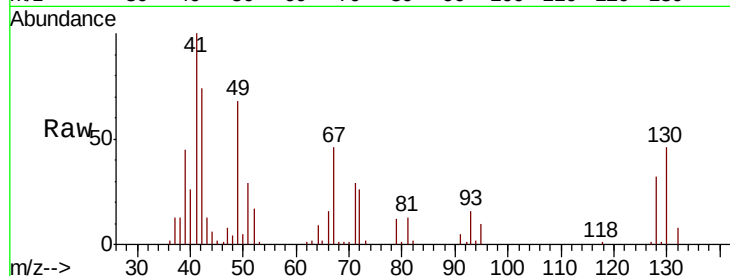
#41
Methacrylonitrile
Concen: 23.674 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion:	41	Resp:	35729
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

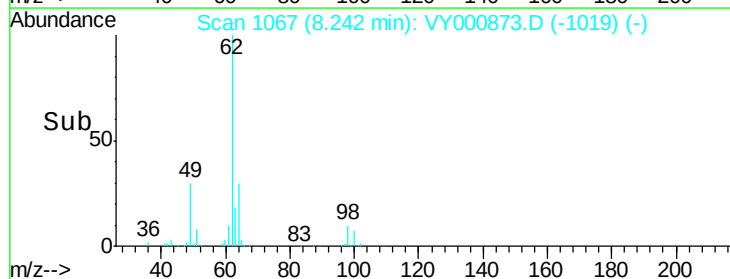
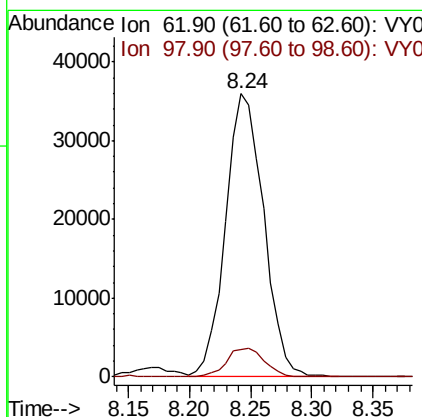
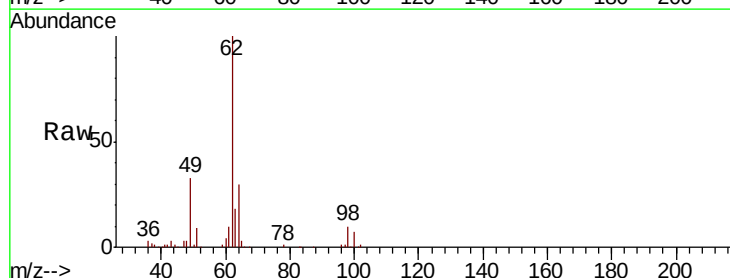
Manual Integrations
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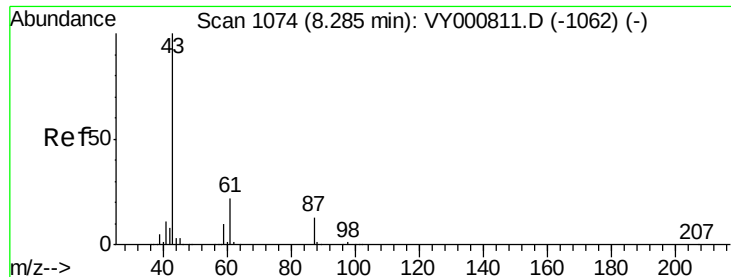
apatel
12/6/2019 10:01:20 AM



#42
1,2-Dichloroethane
Concen: 20.500 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion:	62	Resp:	77877
Ion Ratio	Lower	Upper	
62	100		
98	10.0	0.0	21.4





#43

Isopropyl Acetate

Concen: 19.449 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

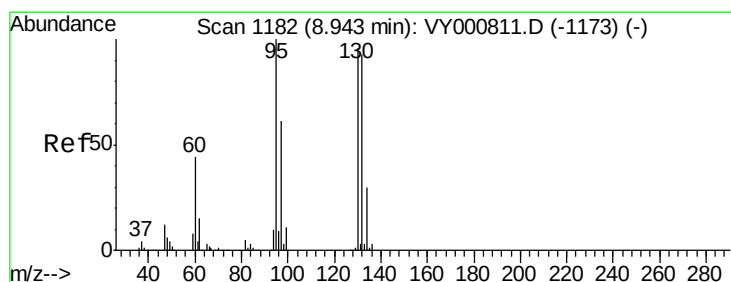
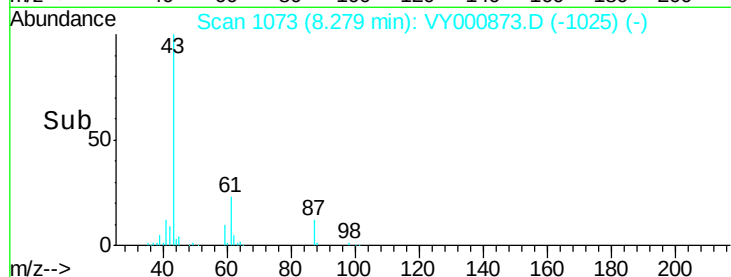
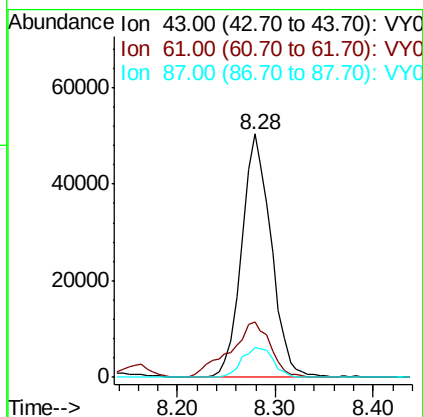
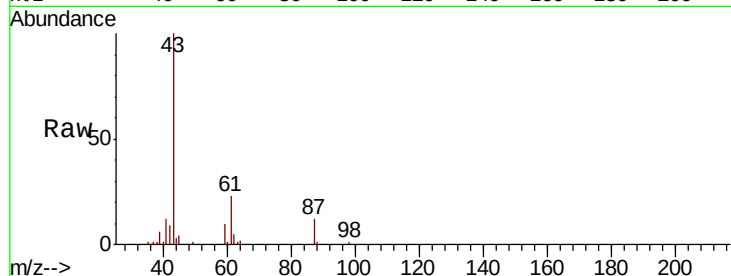
ClientSampleId :

VY1205SBS01

Tot Ion:	43	Resp:	104949
Ion	Ratio	Lower	Upper
43	100		
61	31.3	23.7	35.5
87	13.1	10.6	15.8

Manual Integrations
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#44

Trichloroethene

Concen: 20.365 ug/l

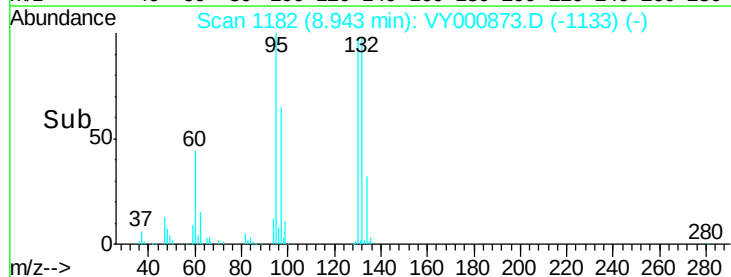
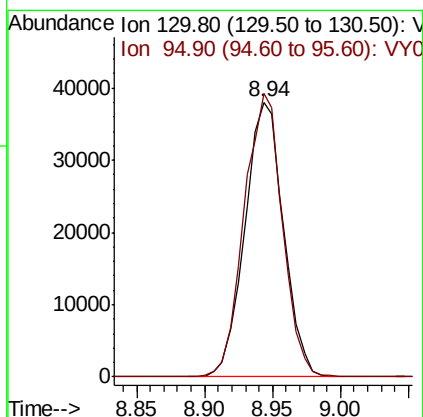
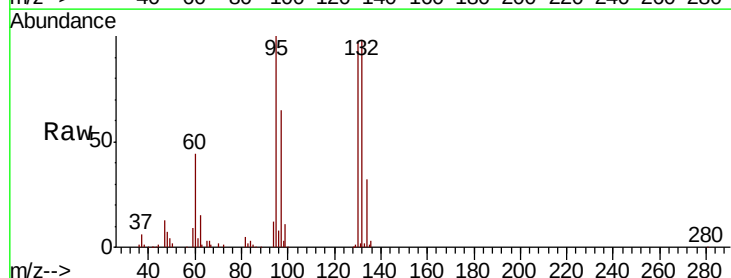
RT: 8.94 min Scan# 1182

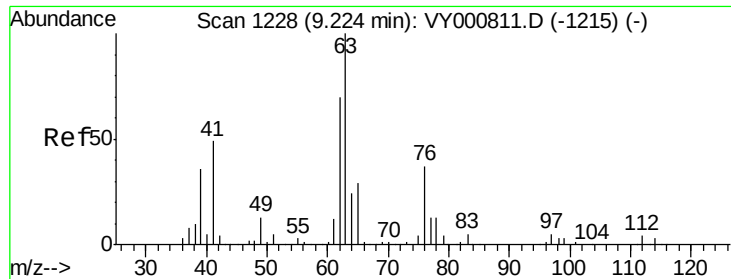
Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Tgt Ion:	130	Resp:	75600
Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	207.8





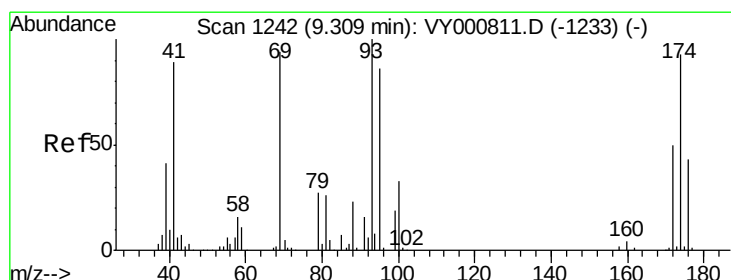
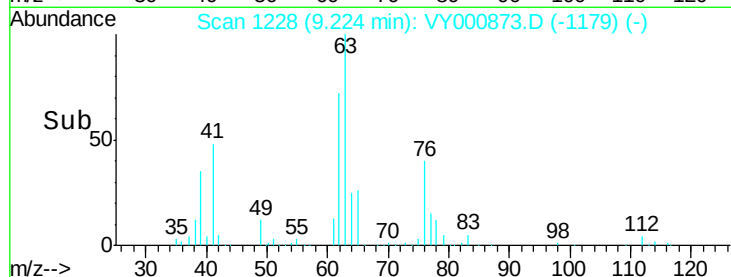
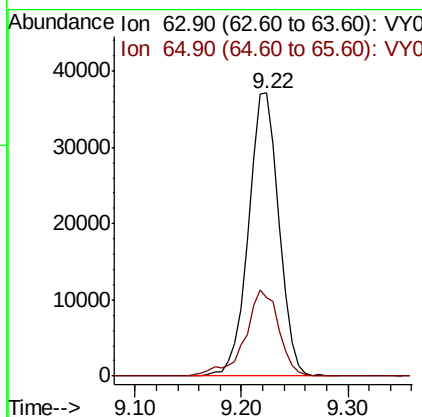
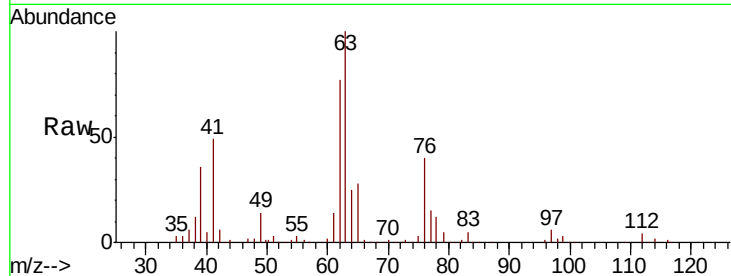
#45
 1,2-Dichloropropane
 Concen: 20.622 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Tot Ion: 63 Resp: 74824
 Ion Ratio Lower Upper
 63 100
 65 27.9 23.2 34.8

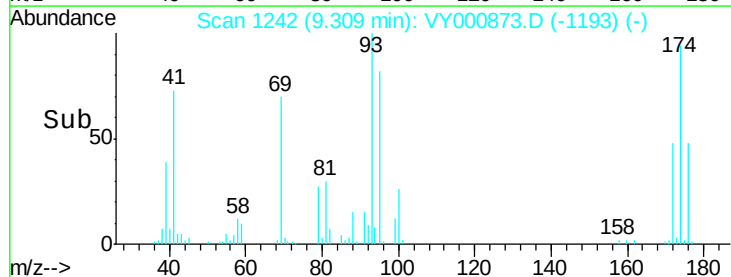
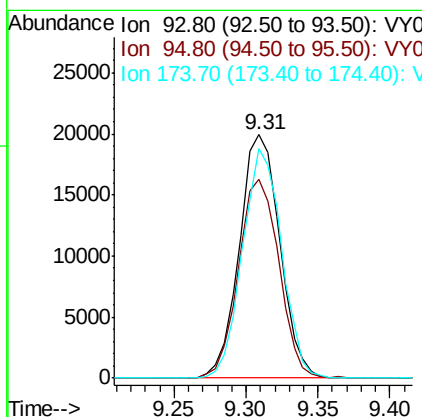
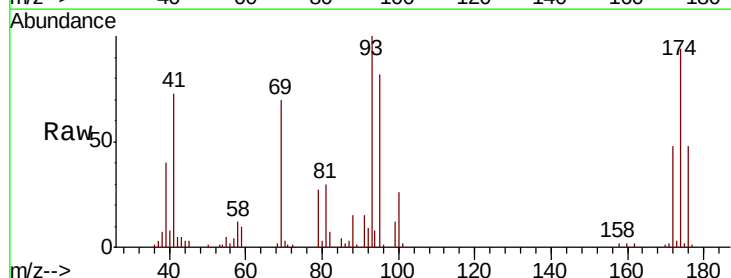
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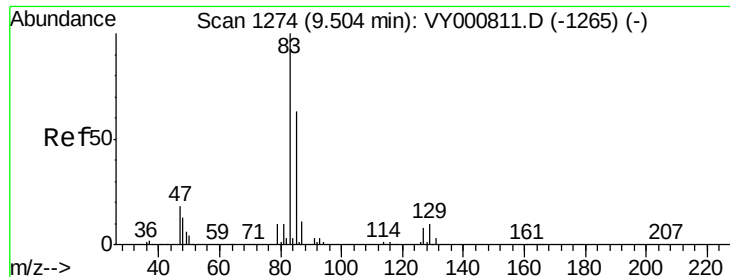
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#46
 Dibromomethane
 Concen: 20.442 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion: 93 Resp: 38753
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.4 99.6
 174 91.4 73.0 109.6





#47

Bromodichloromethane

Concen: 20.012 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

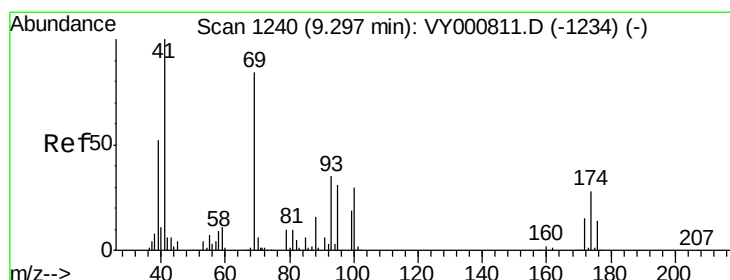
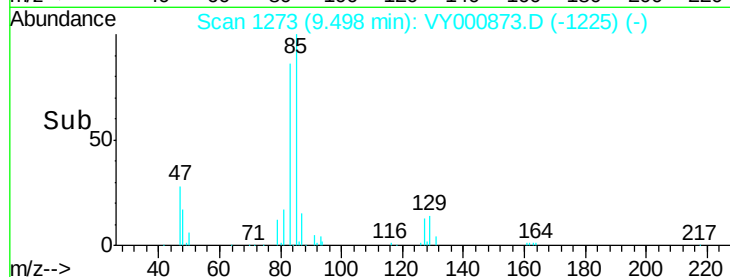
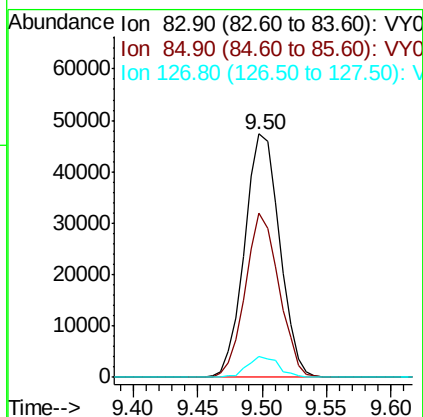
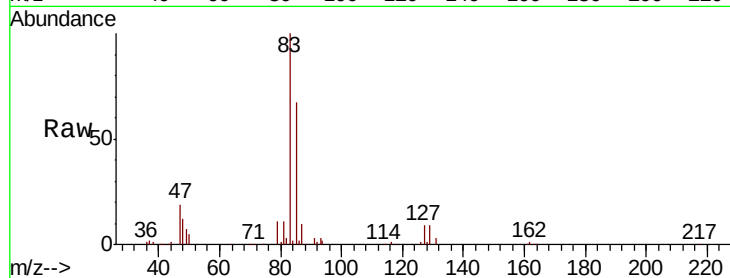
ClientSampleId :

VY1205SBS01

Tot Ion:	83	Resp:	89125
Ion	Ratio	Lower	Upper
83	100		
85	67.3	50.8	76.2
127	8.8	6.6	10.0

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#48

Methyl methacrylate

Concen: 20.000 ug/l

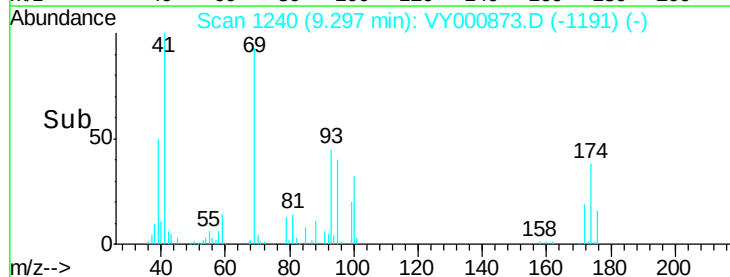
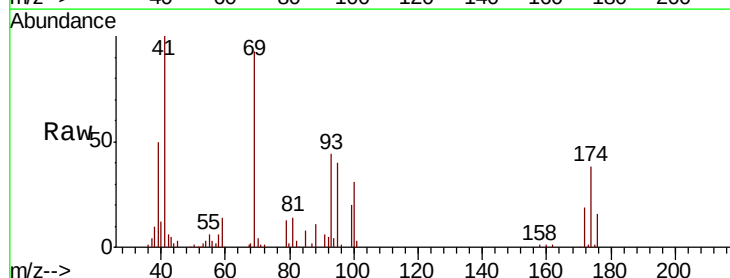
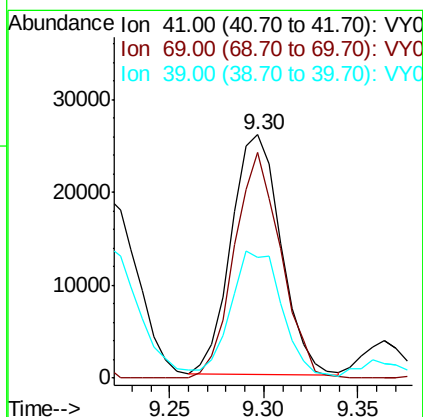
RT: 9.30 min Scan# 1240

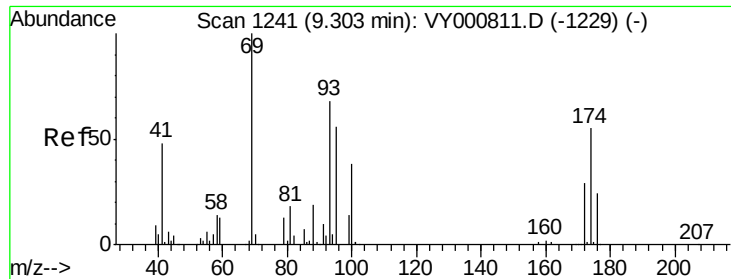
Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Tgt Ion:	41	Resp:	47457
Ion	Ratio	Lower	Upper
41	100		
69	88.0	70.4	105.6
39	55.2	40.9	61.3





#49

1,4-Dioxane

Concen: 362.078 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.02 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 88 Resp: 9726

Ion Ratio Lower Upper

88 100

43 0.0 21.1 31.7#

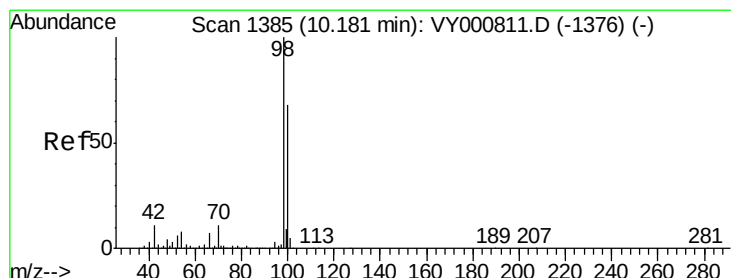
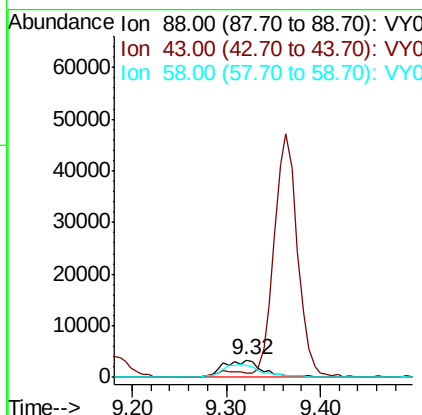
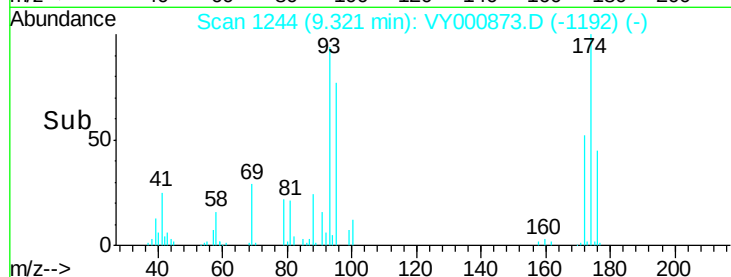
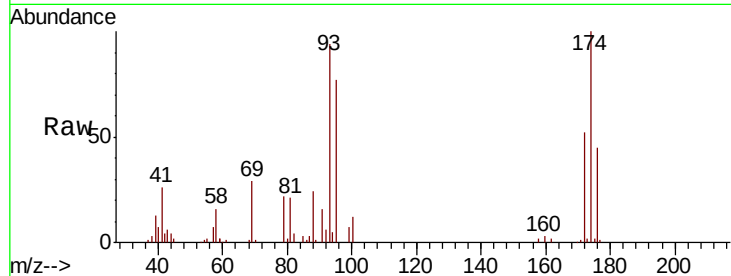
58 76.8 50.7 76.1#

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#50

Toluene-d8

Concen: 53.474 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000873.D

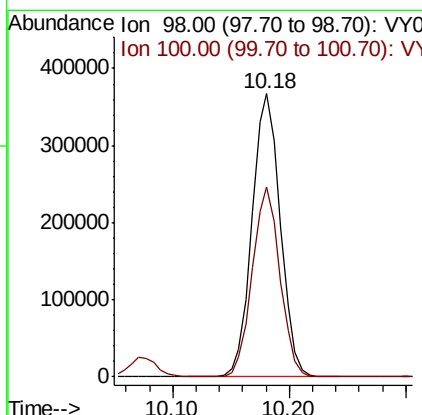
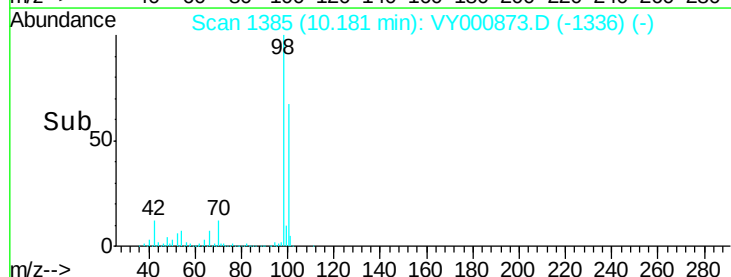
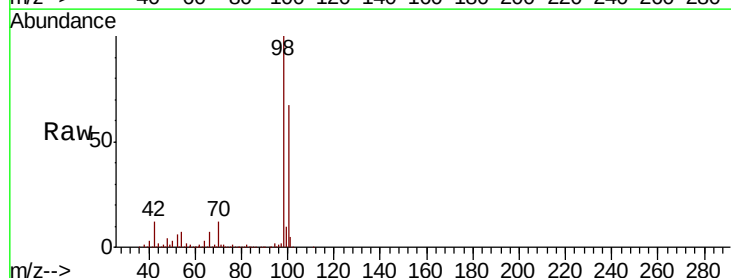
Acq: 05 Dec 2019 11:36

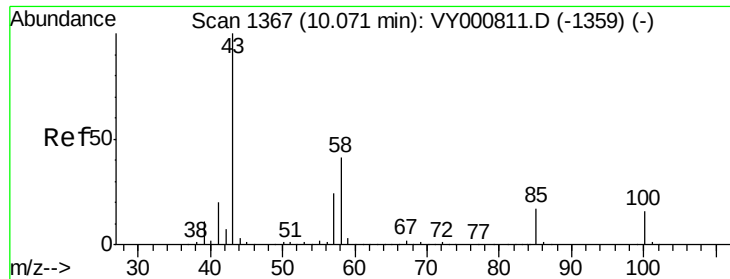
Tgt Ion: 98 Resp: 621416

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7





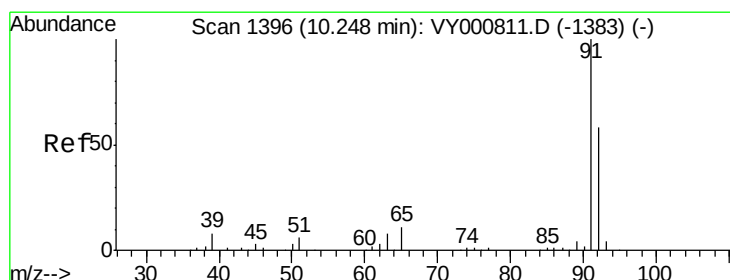
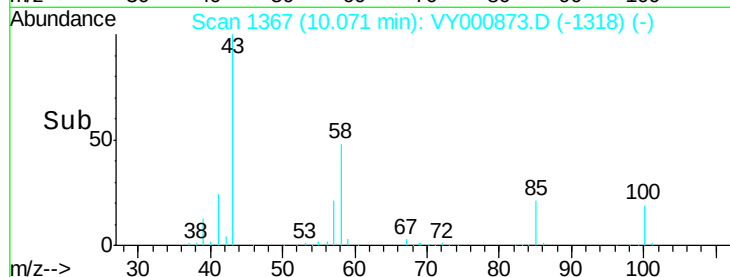
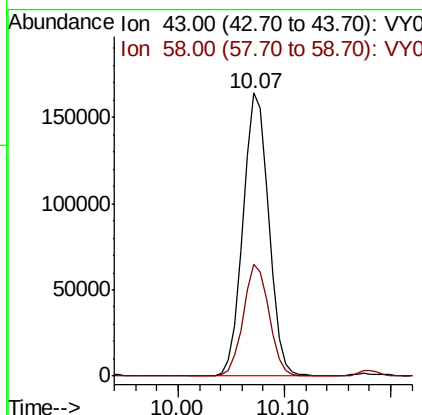
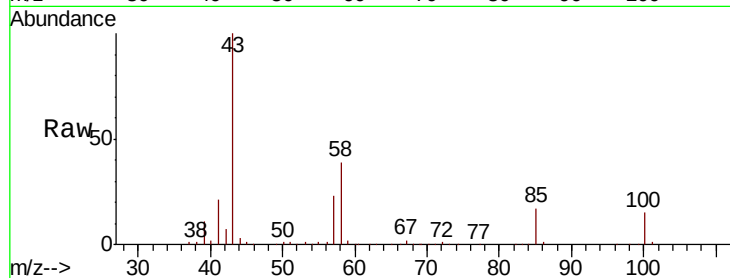
#51
4-Methyl-2-Pentanone
Concen: 100.400 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion: 43 Resp: 279919
Ion Ratio Lower Upper
43 100
58 39.4 33.1 49.7

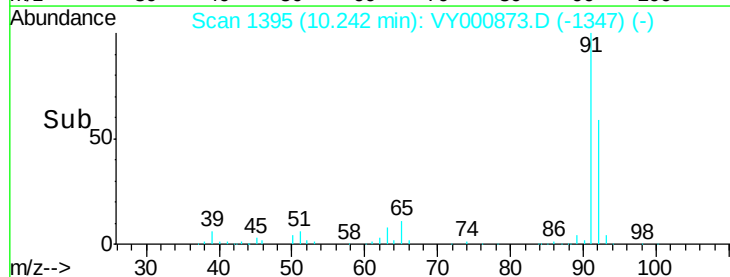
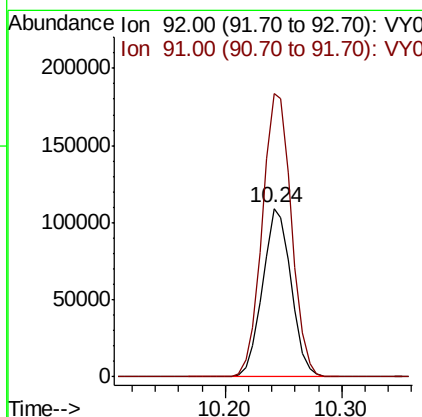
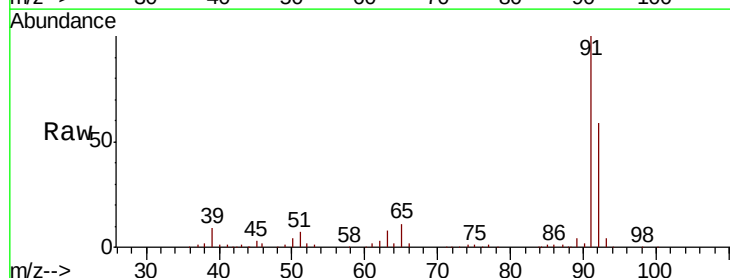
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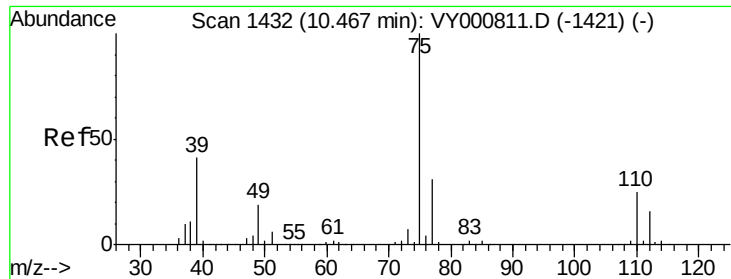
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#52
Toluene
Concen: 20.831 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 92 Resp: 186303
Ion Ratio Lower Upper
92 100
91 172.0 136.6 204.8





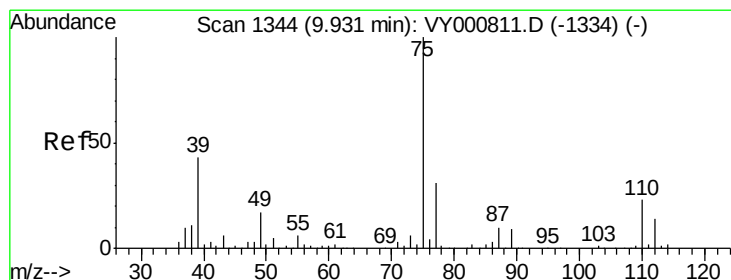
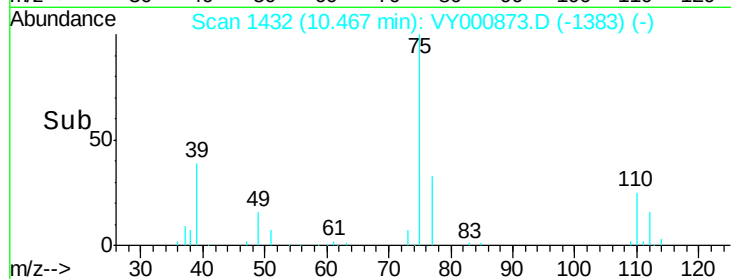
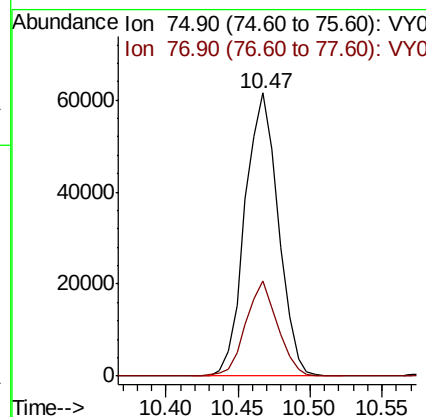
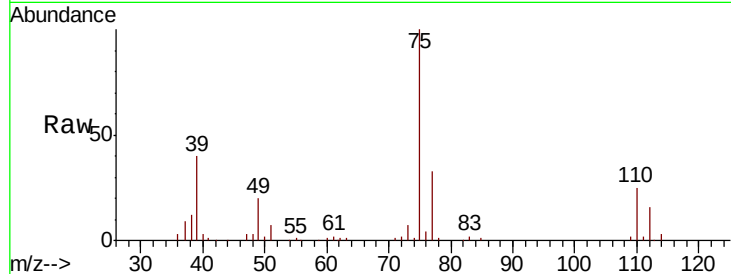
#53
t-1,3-Dichloropropene
Concen: 20.592 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion: 75 Resp: 98525
Ion Ratio Lower Upper
75 100
77 33.5 25.1 37.7

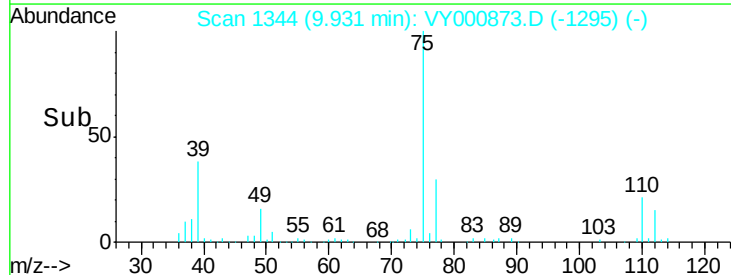
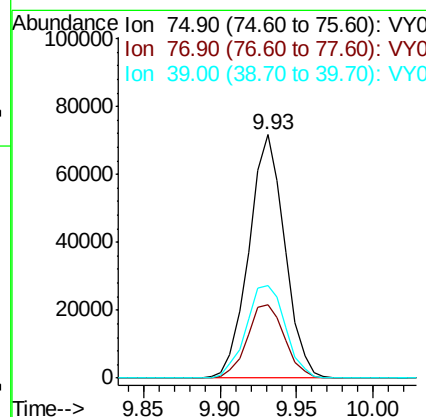
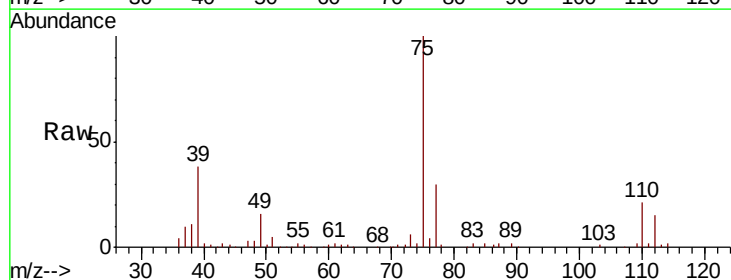
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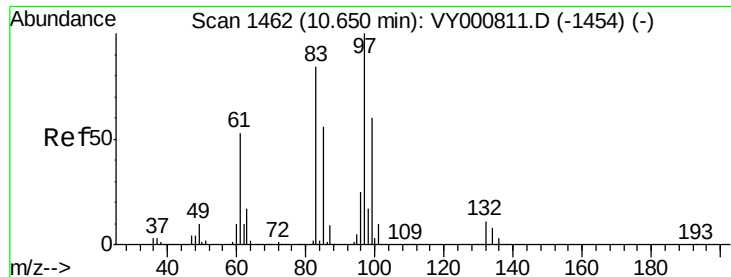
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#54
cis-1,3-Dichloropropene
Concen: 20.659 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 75 Resp: 116838
Ion Ratio Lower Upper
75 100
77 30.3 24.7 37.1
39 38.1 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 21.107 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

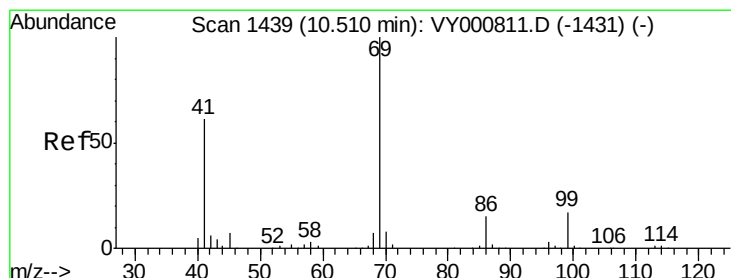
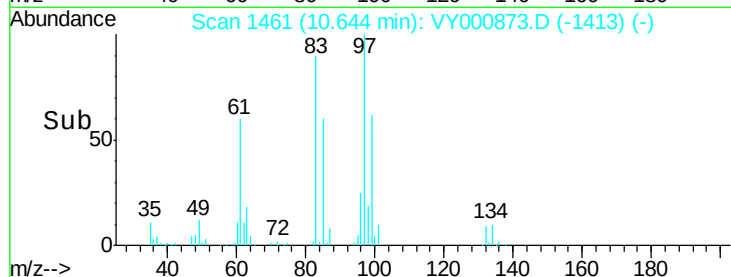
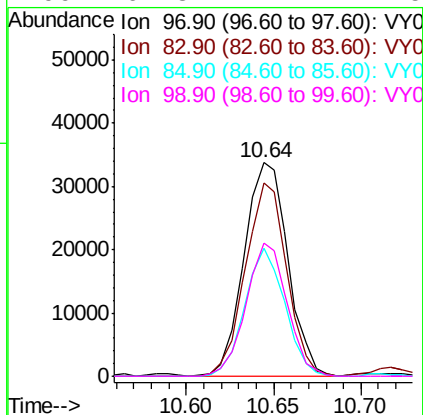
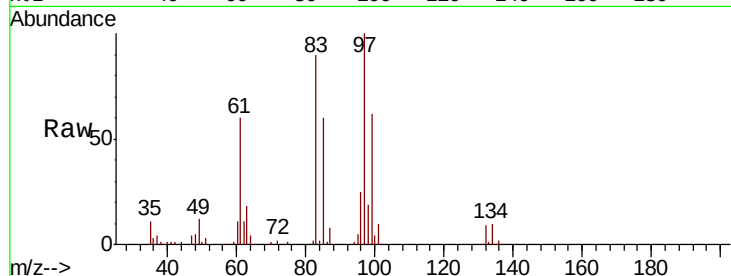
ClientSampleId :

VY1205SBS01

Tot Ion:	97	Resp:	59117
Ion	Ratio	Lower	Upper
97	100		
83	90.5	67.5	101.3
85	60.2	44.5	66.7
99	62.3	47.7	71.5

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#56

Ethyl methacrylate

Concen: 20.571 ug/l

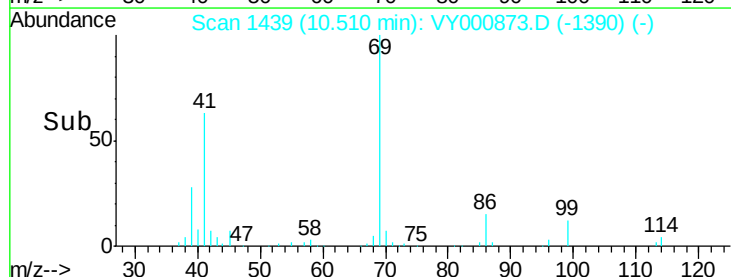
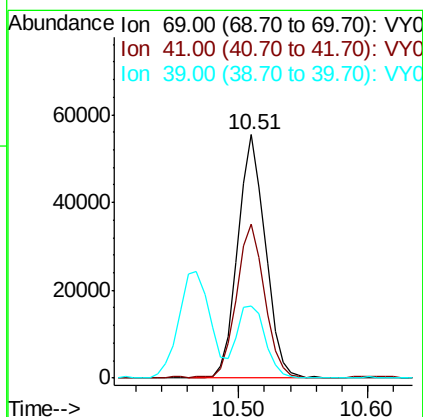
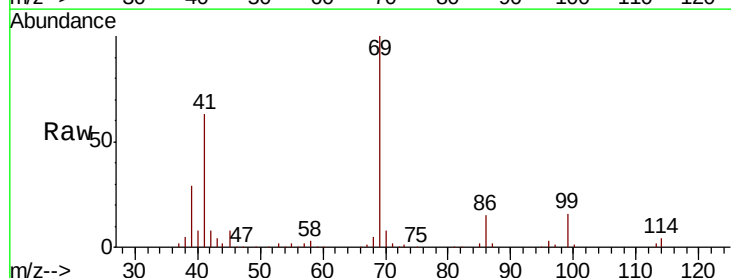
RT: 10.51 min Scan# 1439

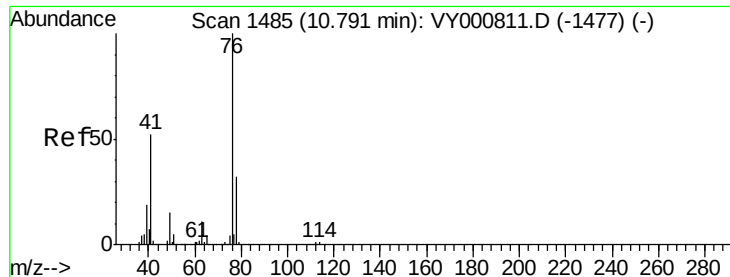
Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Tgt Ion:	69	Resp:	82423
Ion	Ratio	Lower	Upper
69	100		
41	64.5	49.0	73.6
39	29.7	23.1	34.7





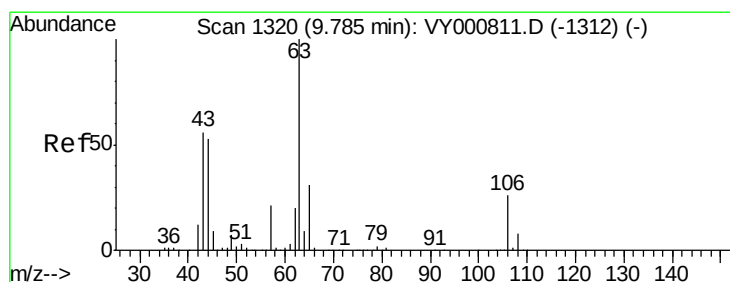
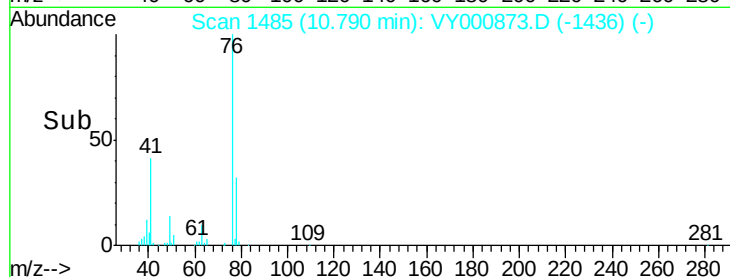
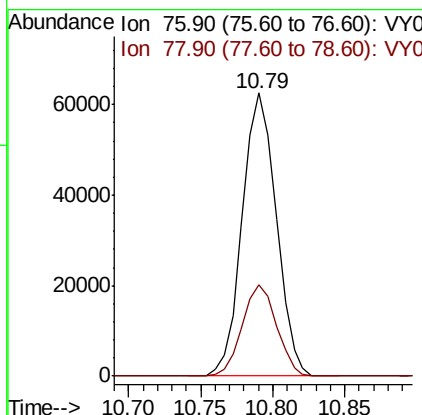
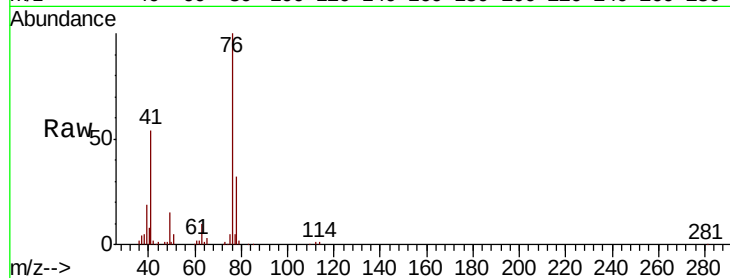
#57
 1,3-Dichloropropane
 Concen: 21.031 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Tot Ion: 76 Resp: 102666
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.4 39.6

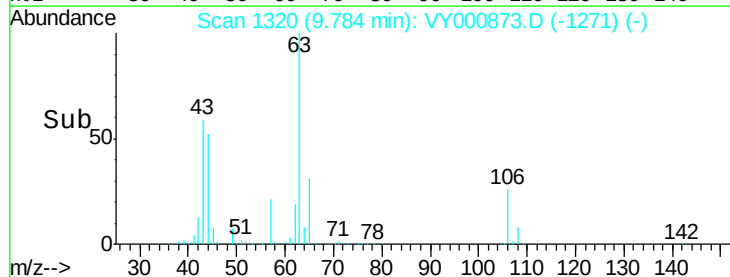
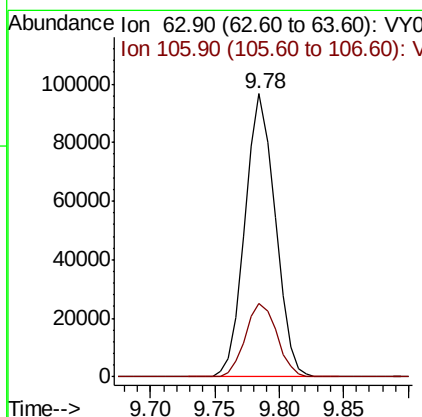
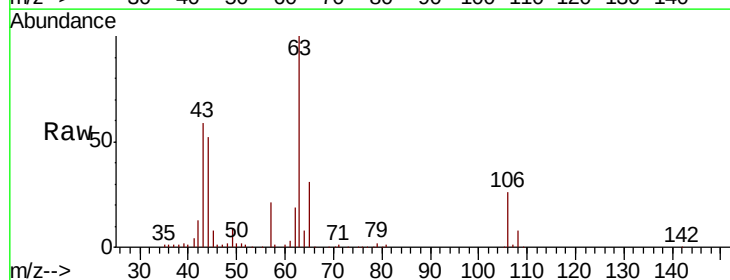
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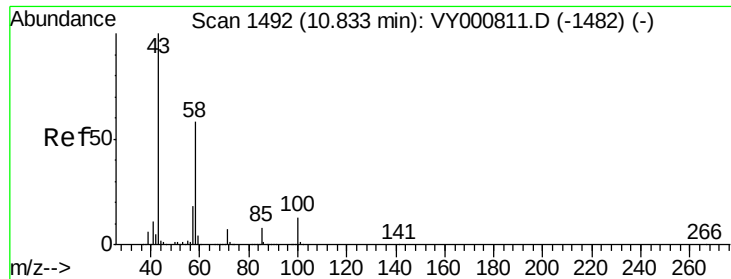
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#58
 2-Chloroethyl Vinyl ether
 Concen: 97.045 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion: 63 Resp: 156783
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.5 32.3





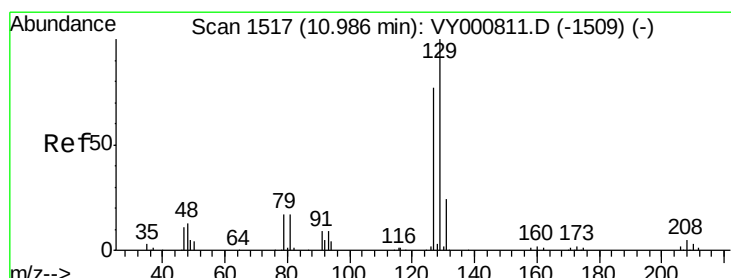
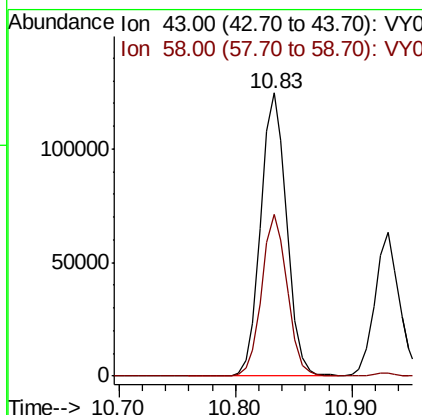
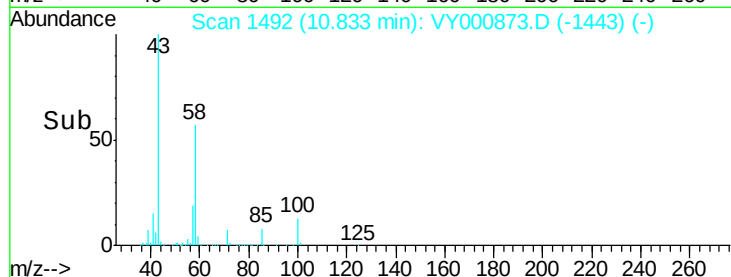
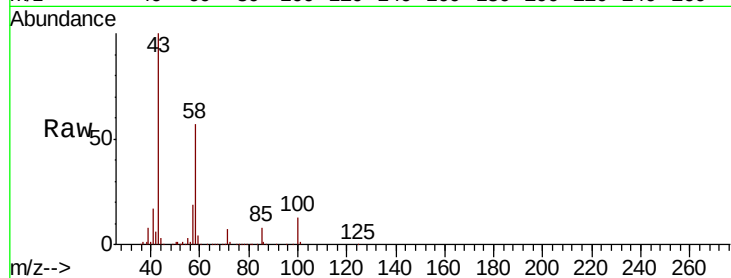
#59
2-Hexanone
Concen: 95.710 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion: 43 Resp: 194443
Ion Ratio Lower Upper
43 100
58 56.2 29.0 87.1

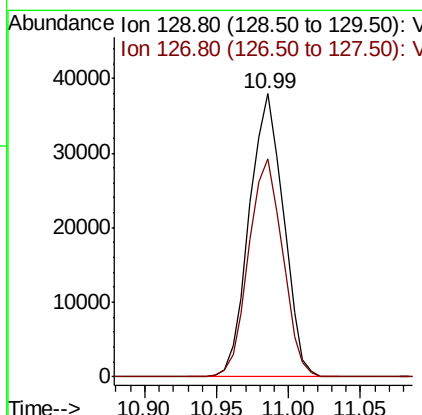
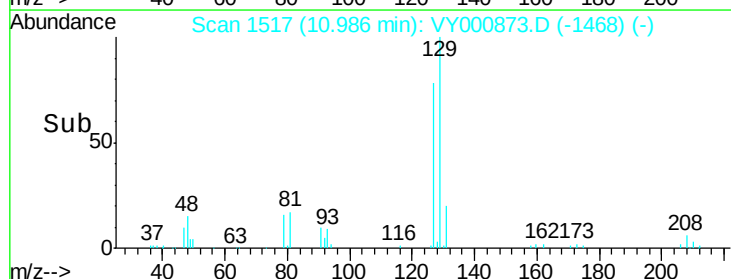
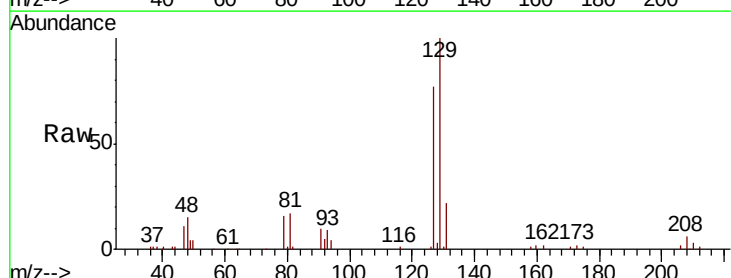
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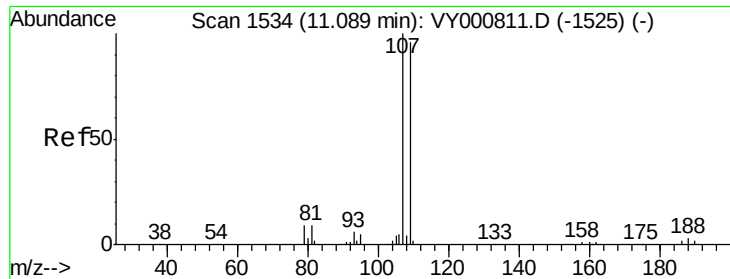
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#60
Dibromochloromethane
Concen: 20.658 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion: 129 Resp: 62286
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2





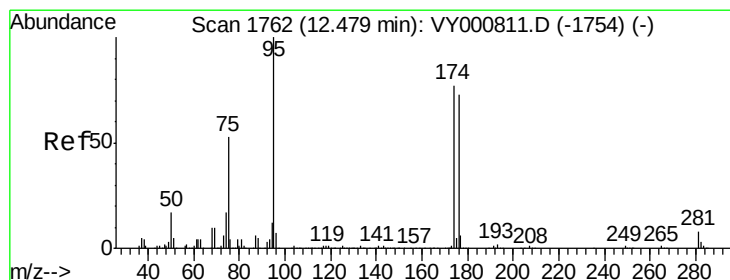
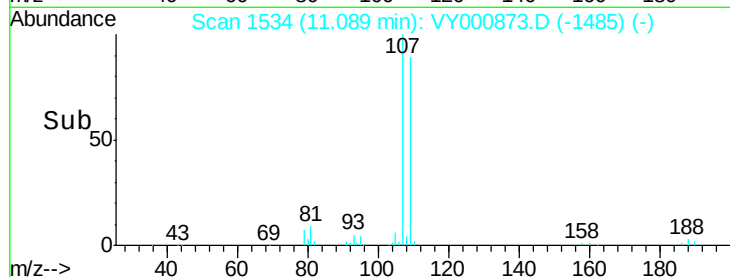
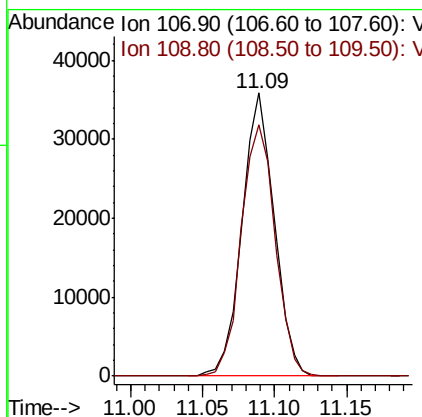
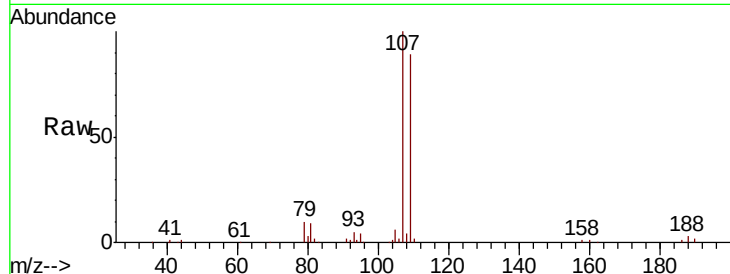
#61
 1,2-Dibromoethane
 Concen: 21.055 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.9	113.9

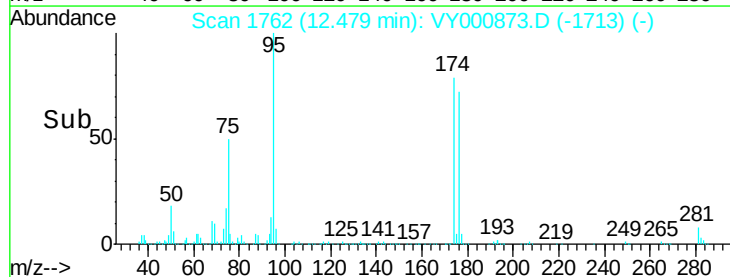
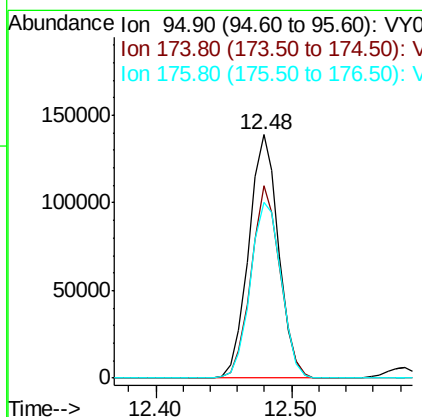
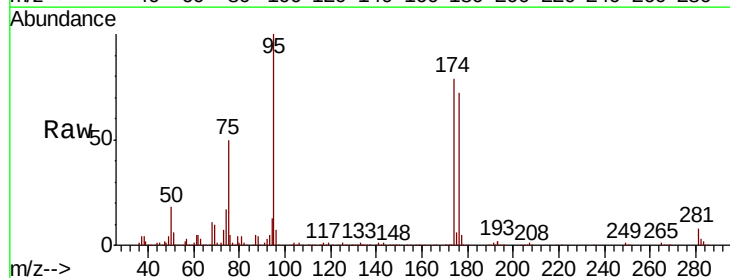
Manual Integrations
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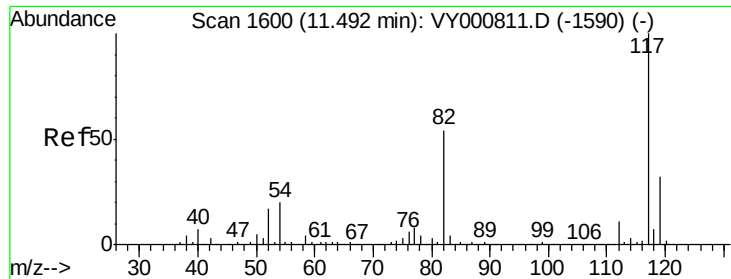
apatel
 12/6/2019 10:01:20 AM



#62
 4-Bromofluorobenzene
 Concen: 48.861 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	150.6
176	74.8	0.0	145.2





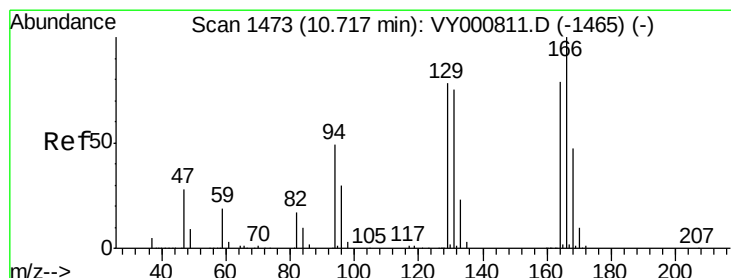
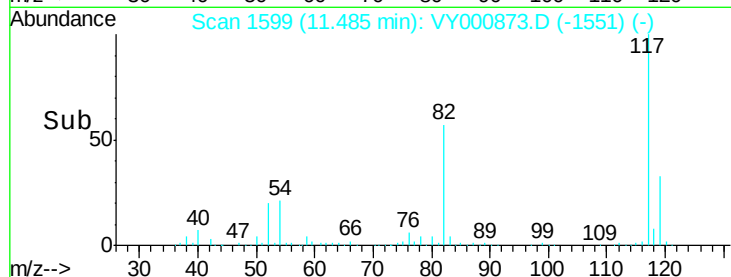
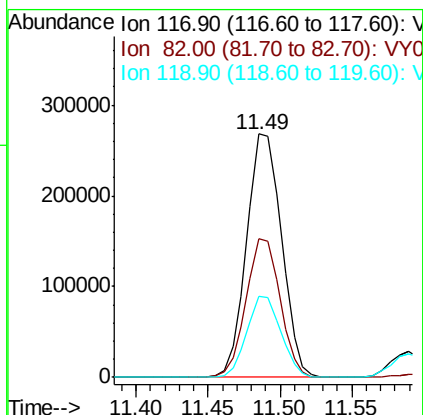
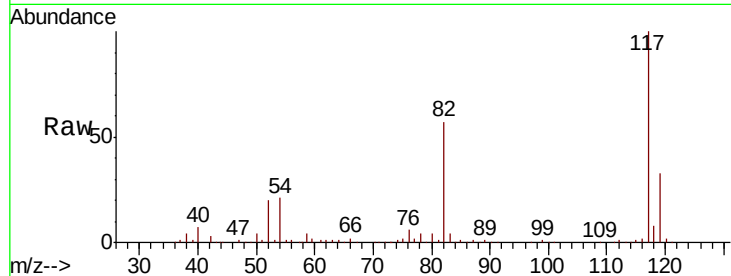
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.1	64.7
119	33.2	25.3	37.9

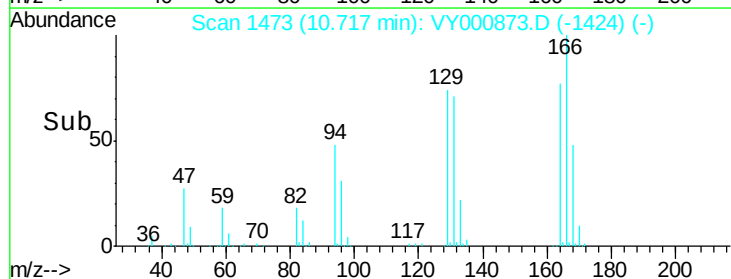
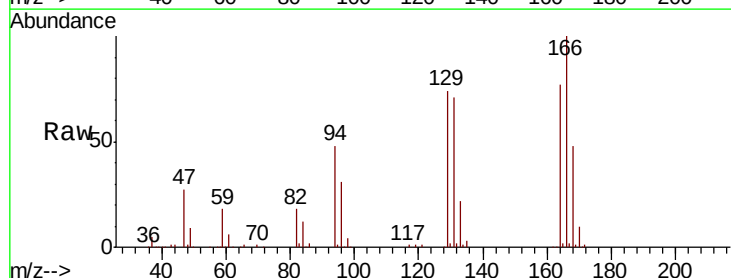
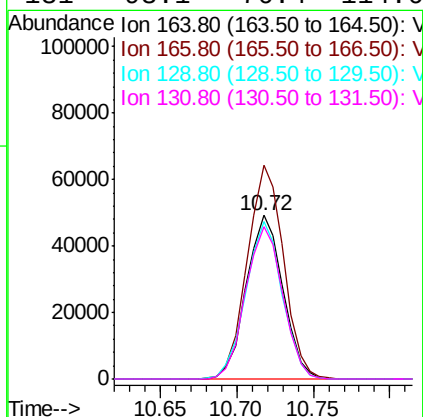
Manual Integrations
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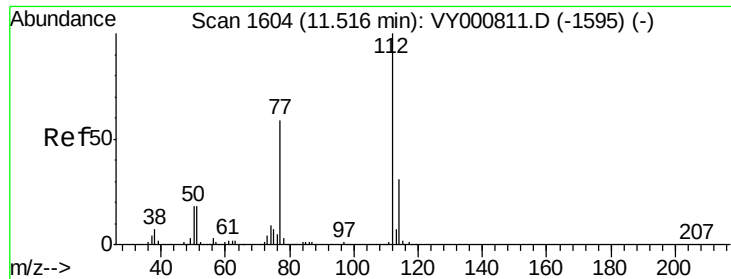
apatel
12/6/2019 10:01:20 AM



#64
Tetrachloroethene
Concen: 20.909 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	101.8	152.8
129	96.0	79.3	118.9
131	93.1	76.4	114.6





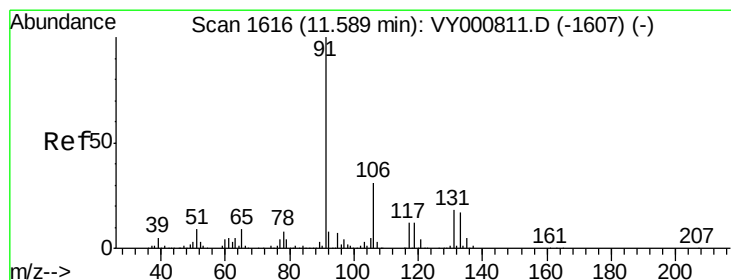
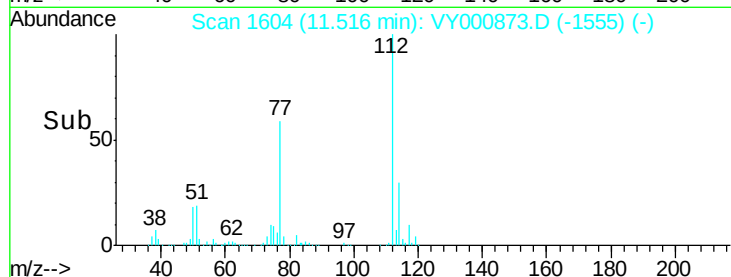
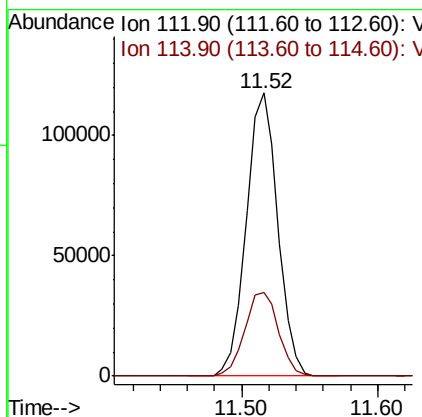
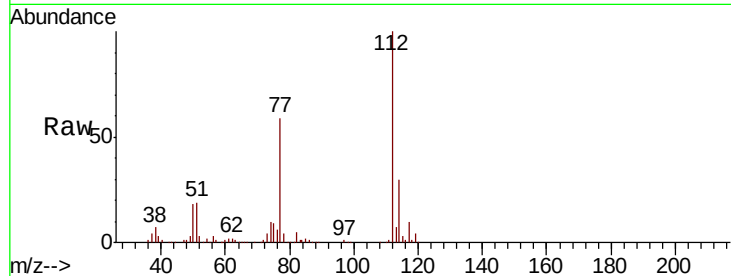
#65
Chlorobenzene
Concen: 20.368 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	190834		
114	29.6	25.1	37.7	

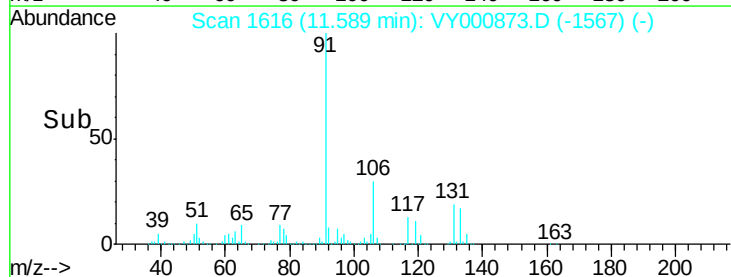
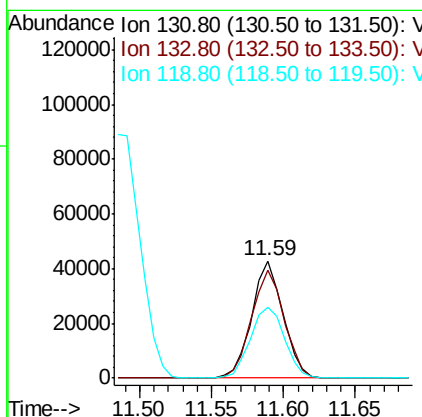
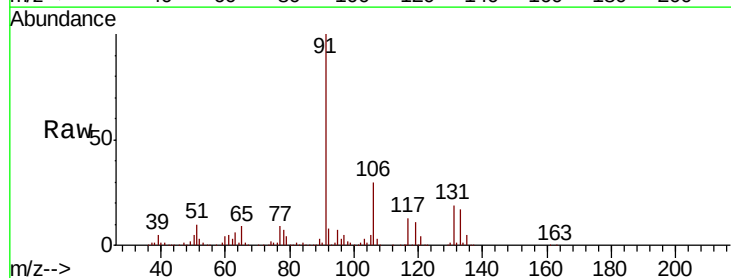
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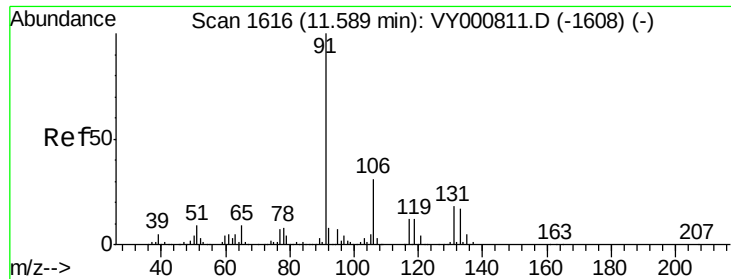
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.372 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	64325		
133	95.3	47.4	142.2	
119	65.8	33.8	101.3	





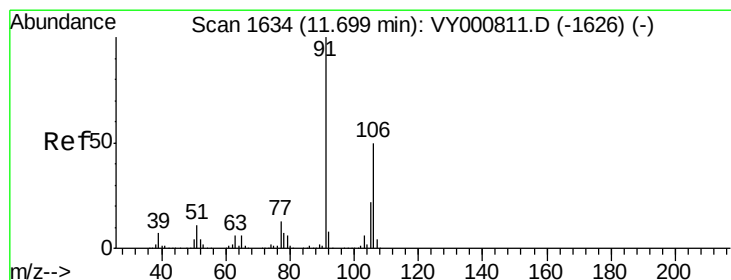
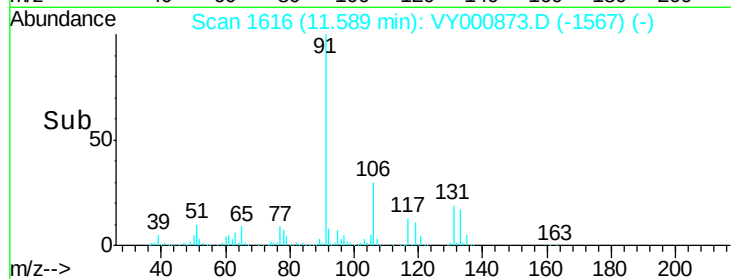
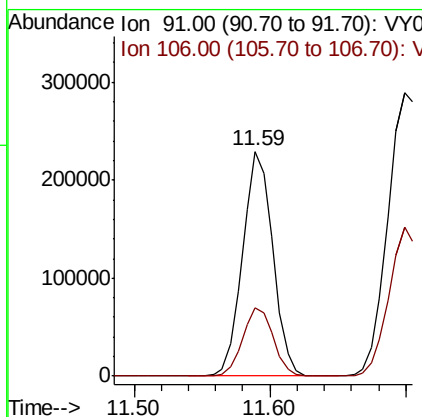
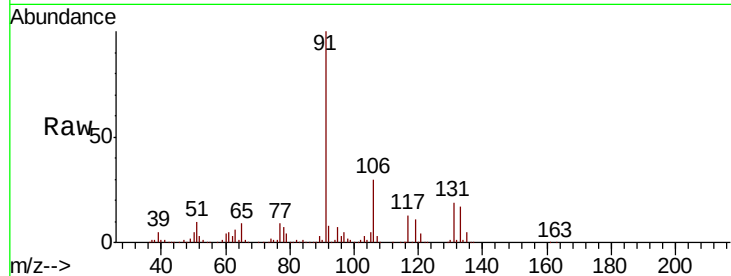
#67
Ethyl Benzene
Concen: 20.392 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.4	36.6

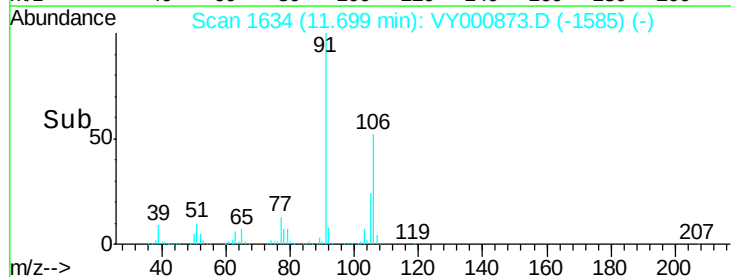
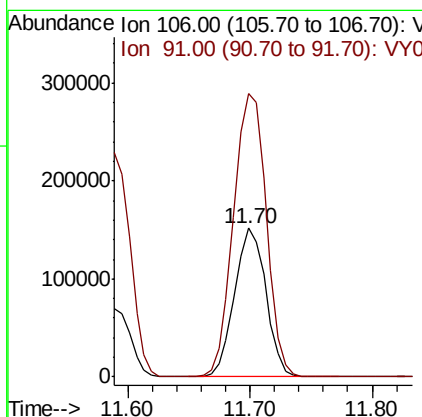
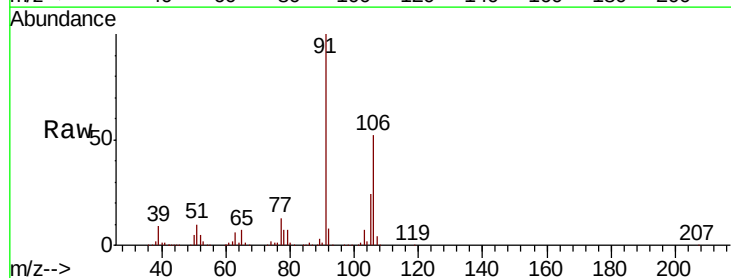
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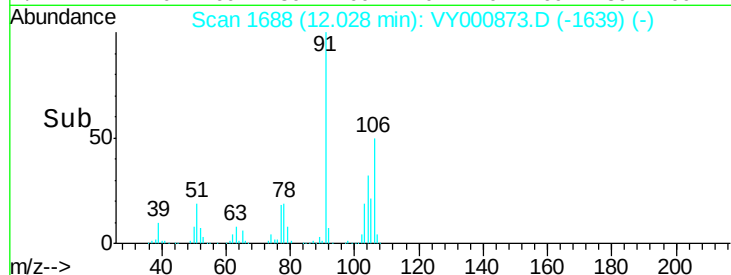
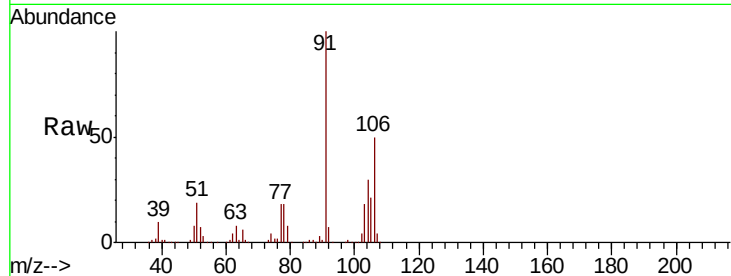
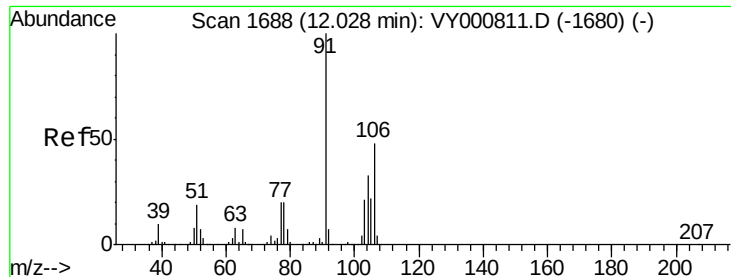
apatel
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#68
m/p-Xylenes
Concen: 41.072 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.5	159.6	239.4





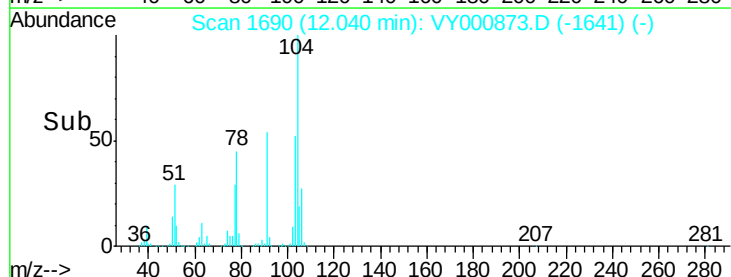
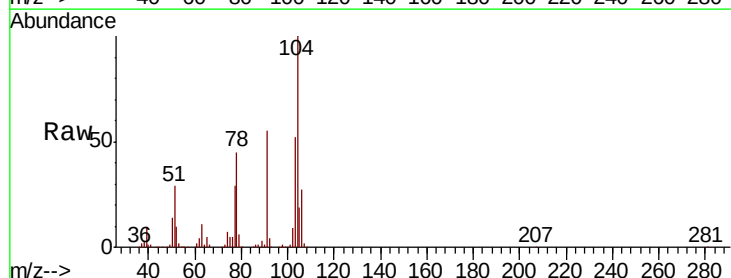
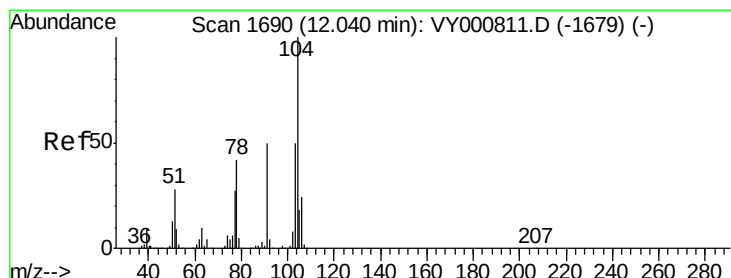
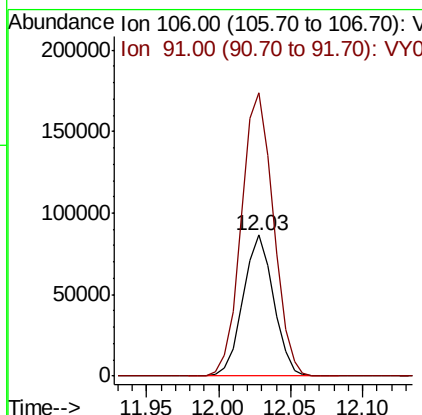
#69
o-Xylene
Concen: 20.888 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tot Ion	Ratio	Resp	Lower	Upper
106	100	127555		
91	209.7	106.1	318.1	

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

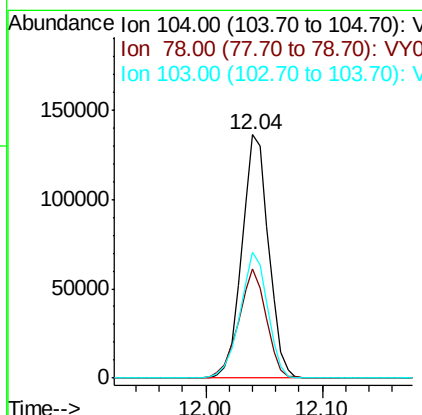
Manual Integrations
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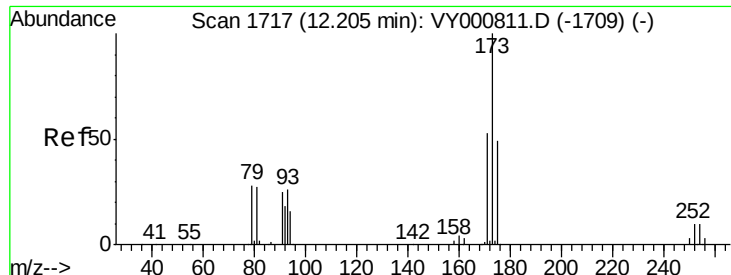
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#70
Styrene
Concen: 20.712 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	216571		
78	46.9	38.2	57.4	
103	53.3	43.4	65.0	





#71

Bromoform

Concen: 19.838 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion:173 Resp: 35328

Ion Ratio Lower Upper

173 100

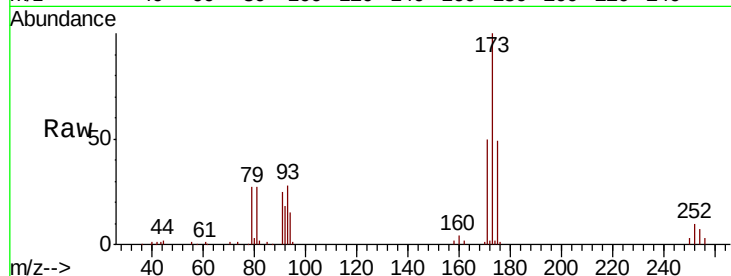
175 47.7 24.5 73.5

254 0.0 0.0 0.0

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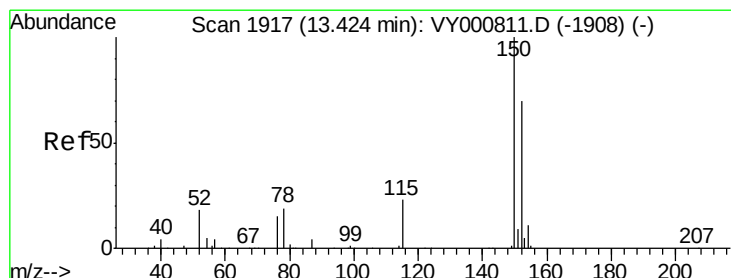
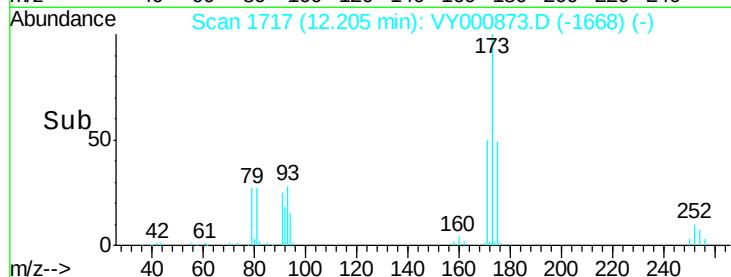
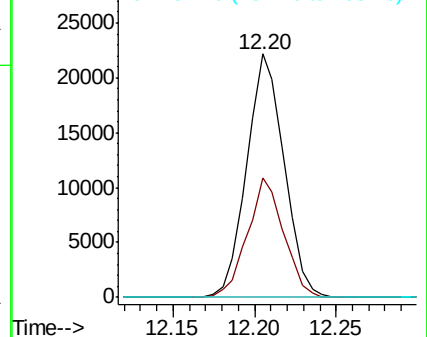
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

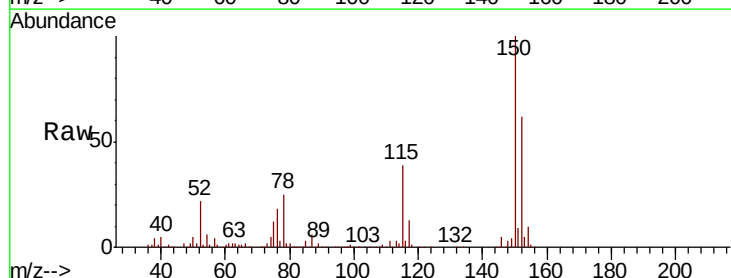
Tgt Ion:152 Resp: 210943

Ion Ratio Lower Upper

152 100

115 60.2 29.3 87.8

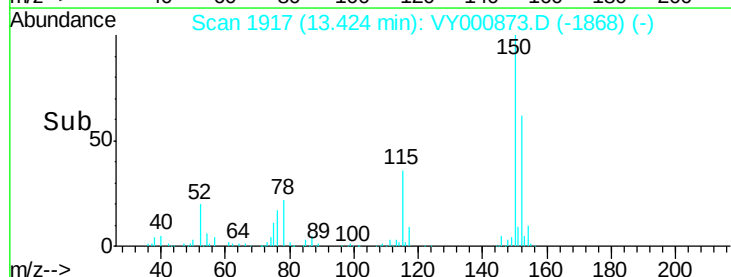
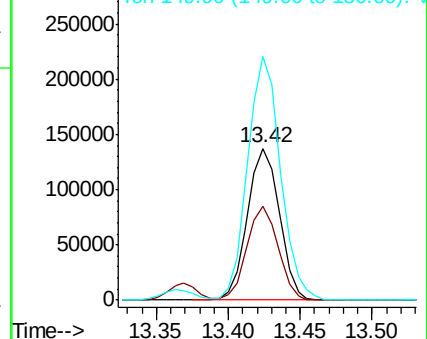
150 165.0 0.0 351.2

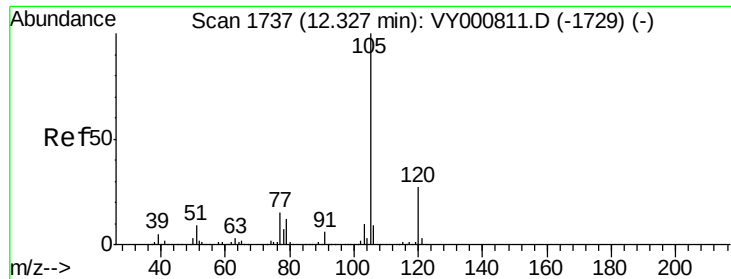


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.183 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 105 Resp: 338989

Ion Ratio Lower Upper

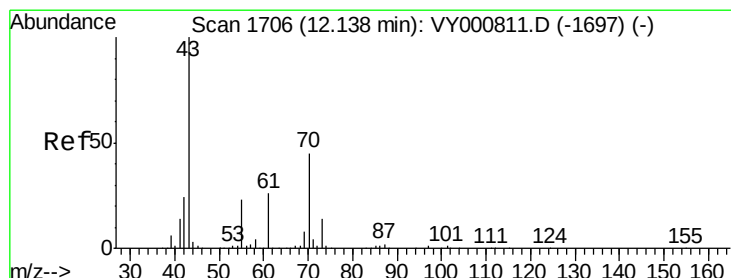
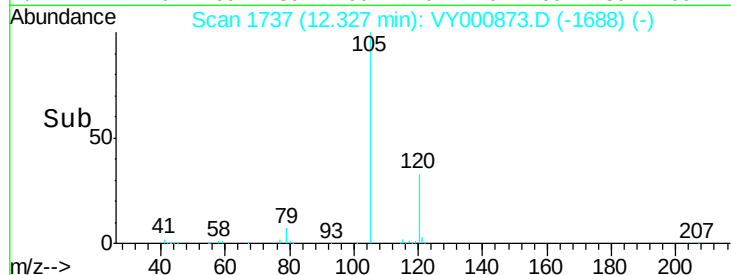
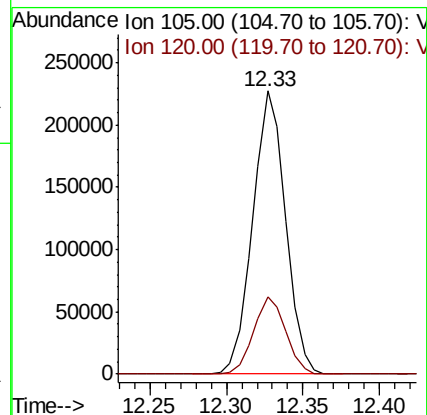
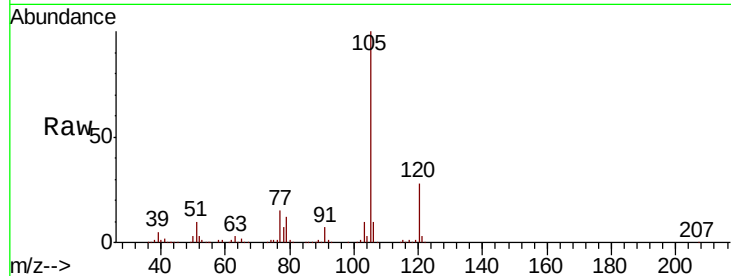
105 100

120 26.8 13.4 40.2

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#74

N-ethyl acetate

Concen: 19.511 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Tgt Ion: 43 Resp: 91212

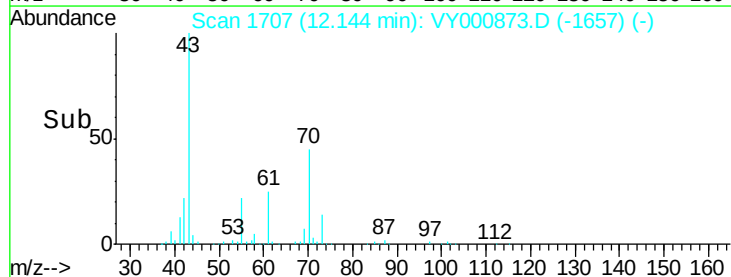
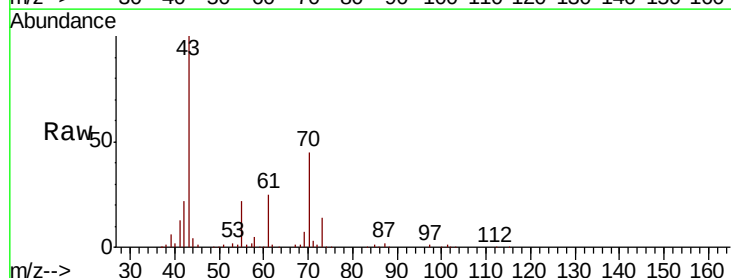
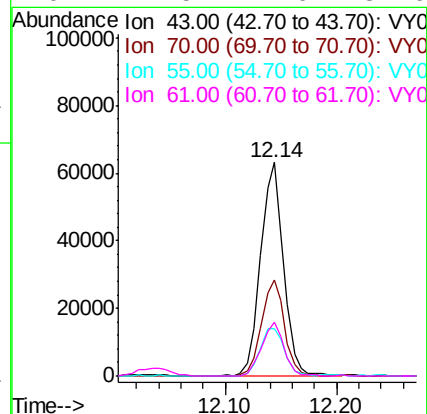
Ion Ratio Lower Upper

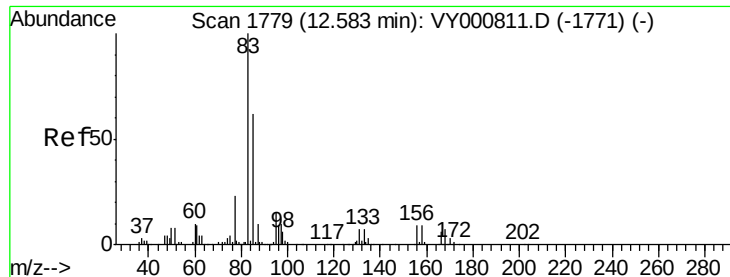
43 100

70 44.6 36.6 54.8

55 24.0 18.8 28.2

61 24.5 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.878 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

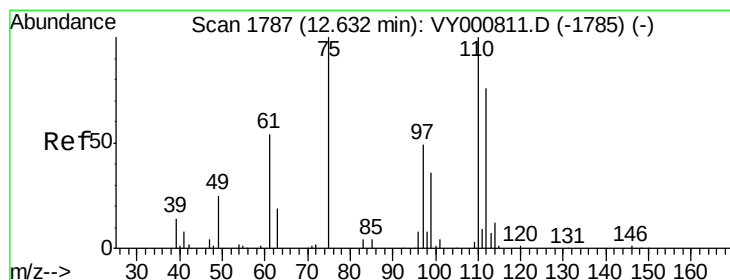
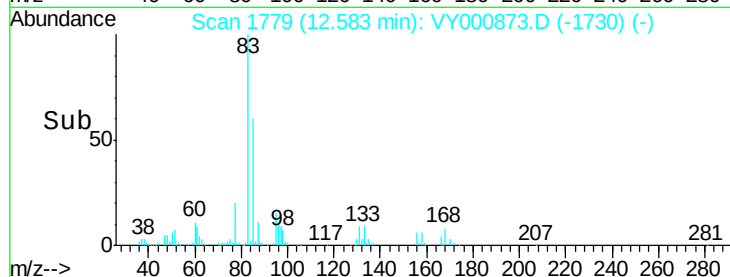
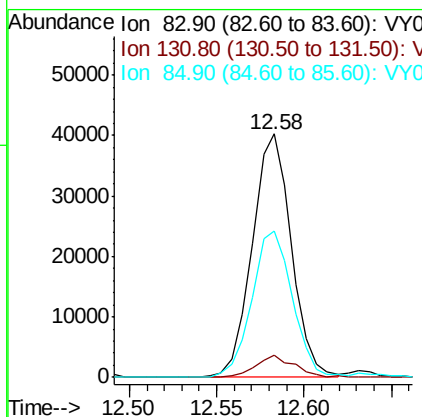
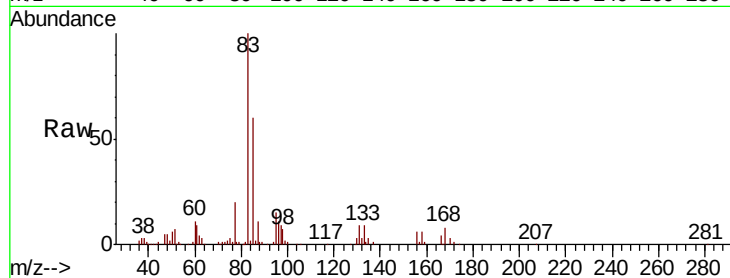
ClientSampleId :

VY1205SBS01

Tot Ion:	83	Resp:	62474
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.3	13.1
85	62.5	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 20.471 ug/l m

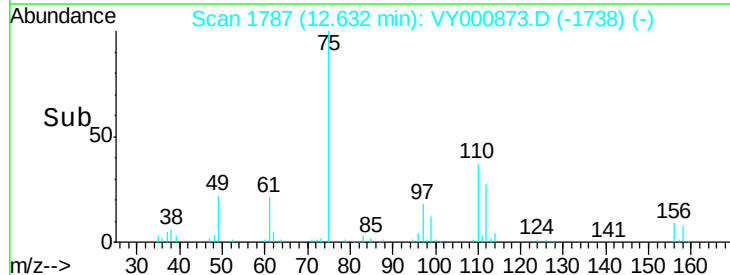
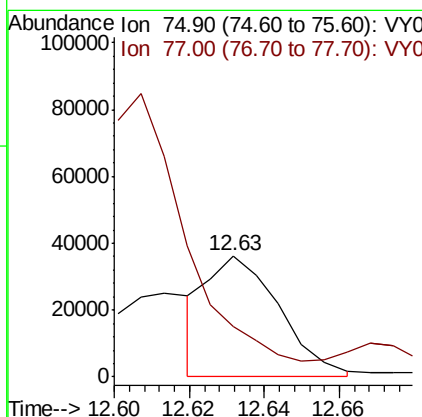
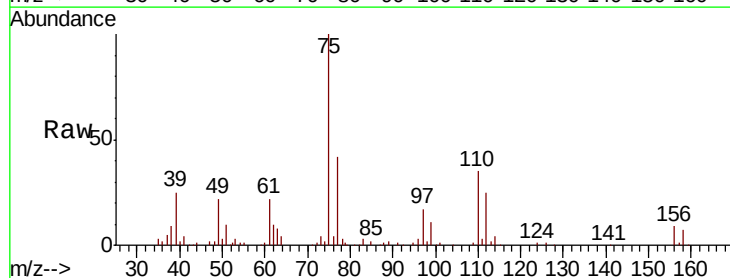
RT: 12.63 min Scan# 1787

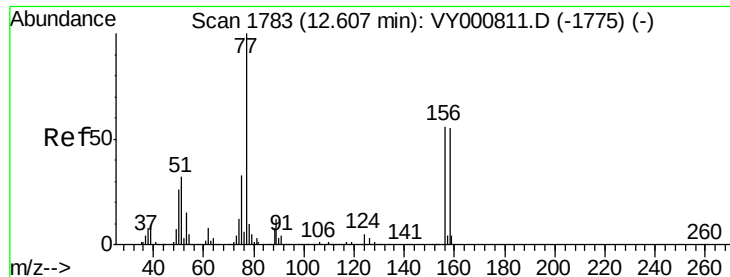
Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Tgt Ion:	75	Resp:	48926
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.019 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion:156 Resp: 72882

Ion Ratio Lower Upper

156 100

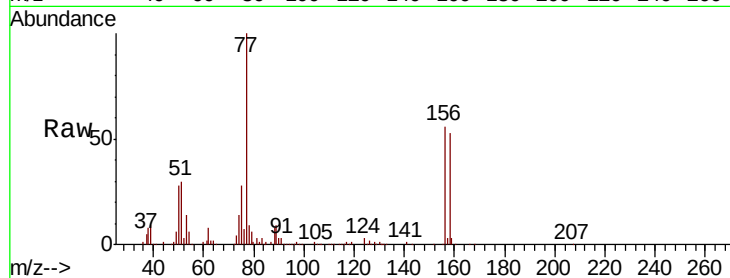
77 205.9 102.6 307.7

158 97.8 47.6 142.8

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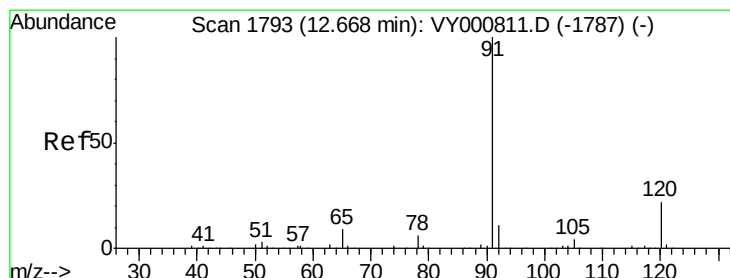
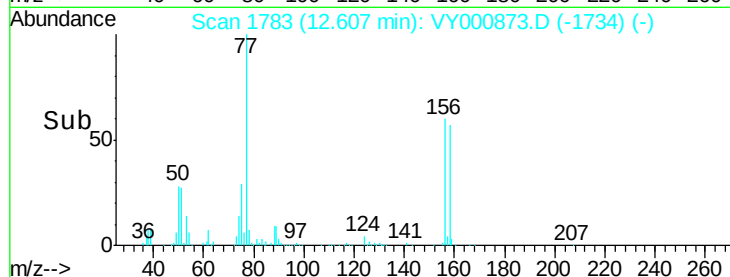
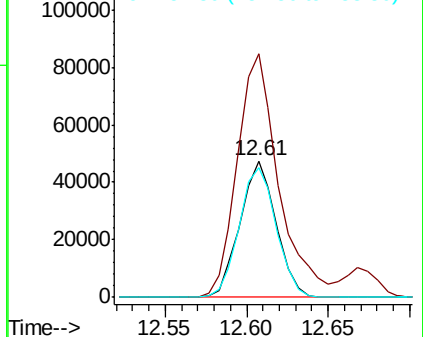
12/6/2019 10:01:20 AM



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: 20.050 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000873.D

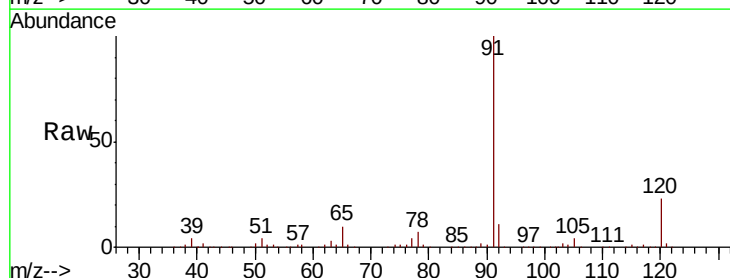
Acq: 05 Dec 2019 11:36

Tgt Ion: 91 Resp: 411175

Ion Ratio Lower Upper

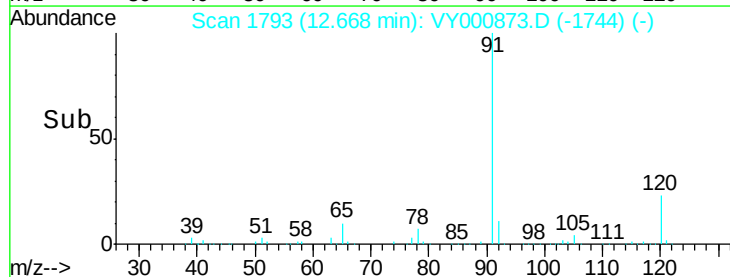
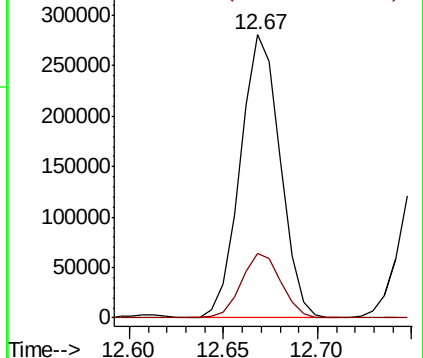
91 100

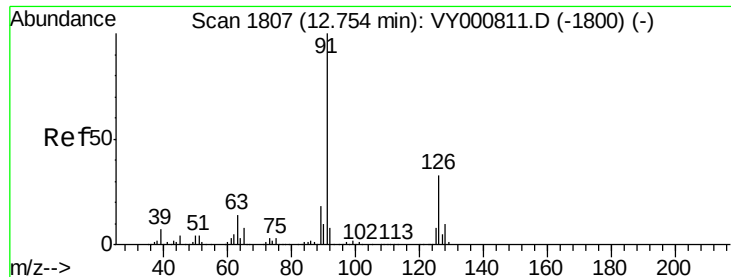
120 22.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.017 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion: 91 Resp: 226781

Ion Ratio Lower Upper

91 100

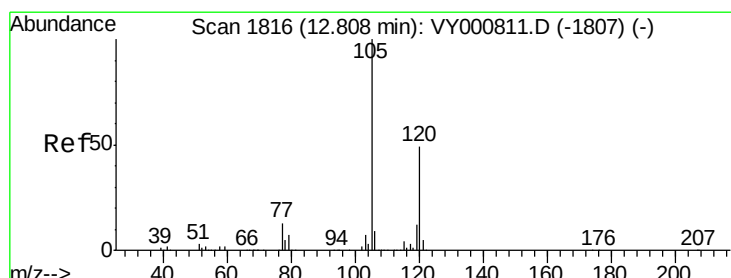
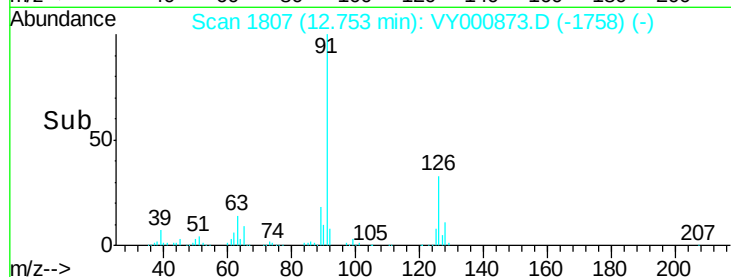
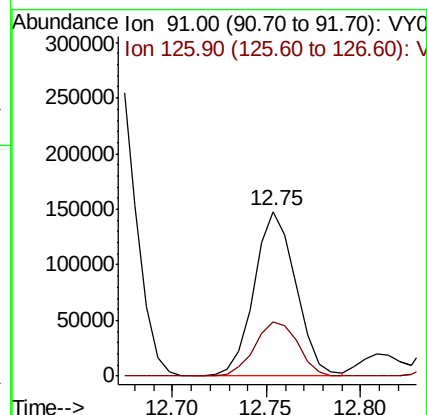
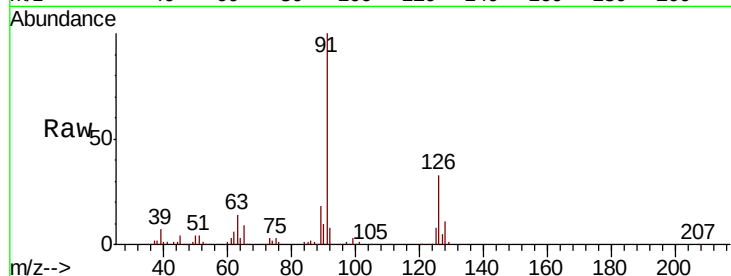
126 34.5 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.123 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000873.D

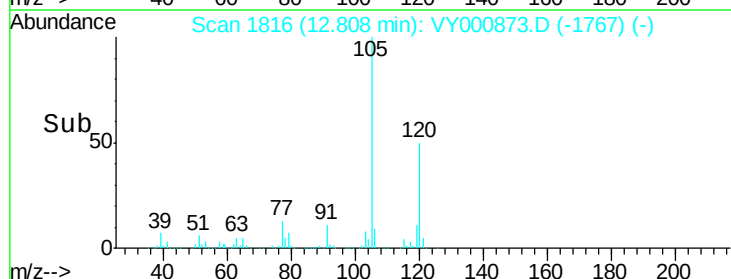
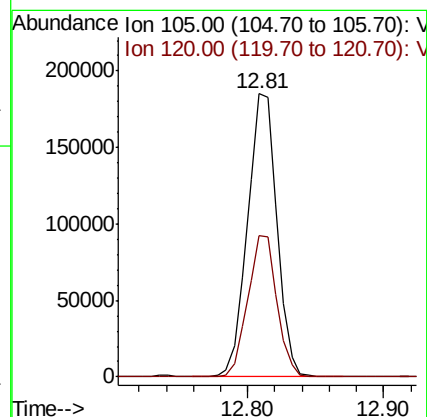
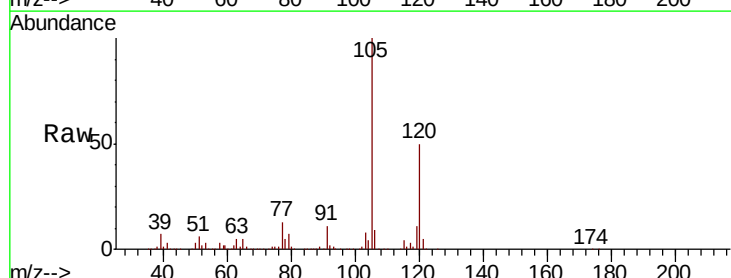
Acq: 05 Dec 2019 11:36

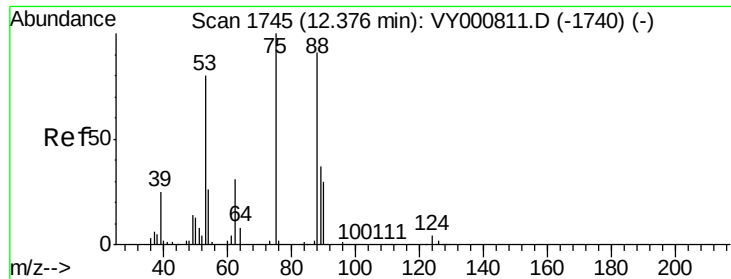
Tgt Ion: 105 Resp: 279837

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





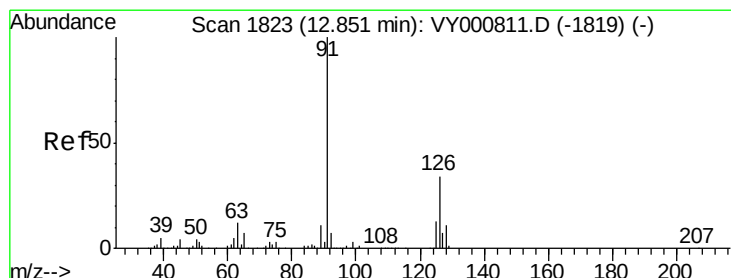
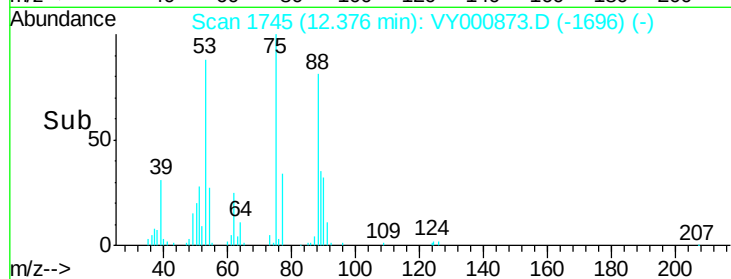
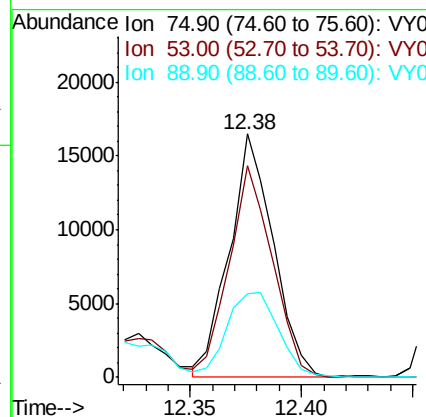
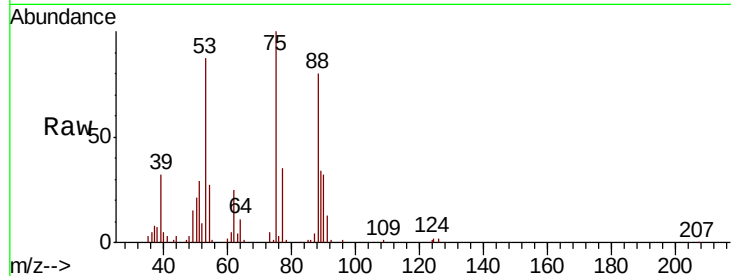
#81
trans-1,4-Dichloro-2-butene
Concen: 18.420 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.1	64.6	96.8
89	41.6	33.6	50.4

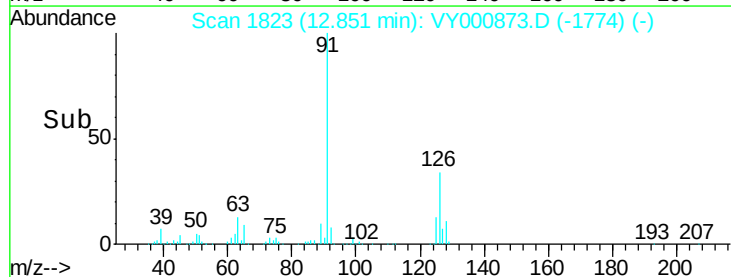
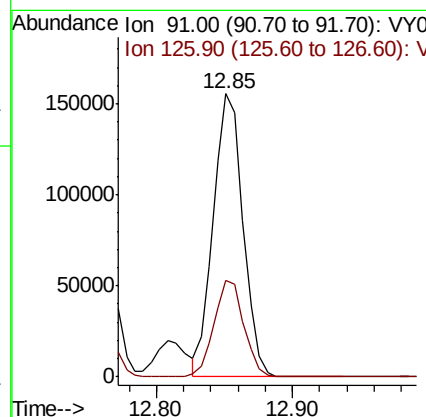
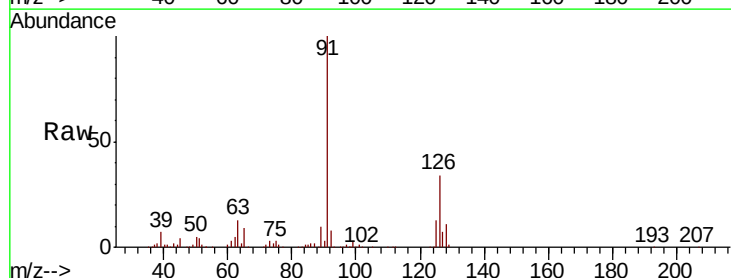
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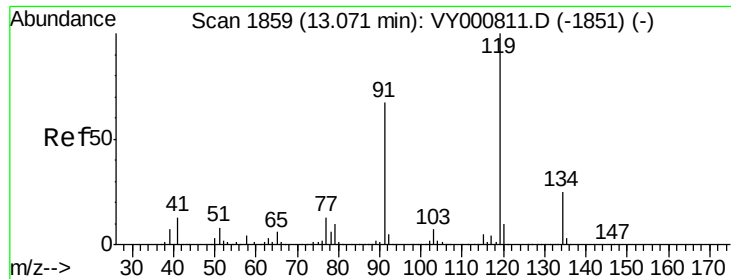
apatel
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#82
4-Chlorotoluene
Concen: 20.170 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.3	51.9





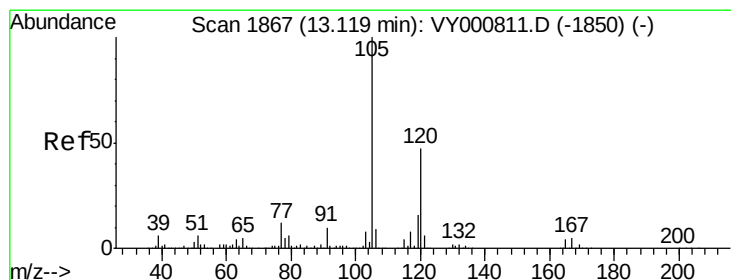
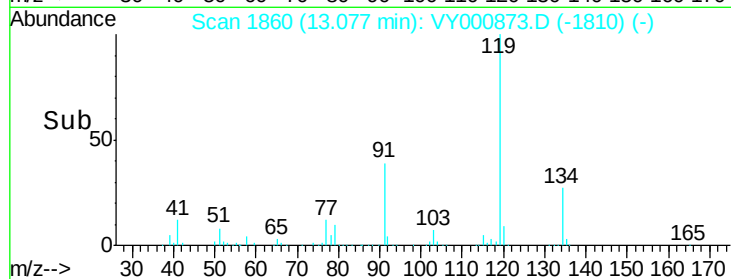
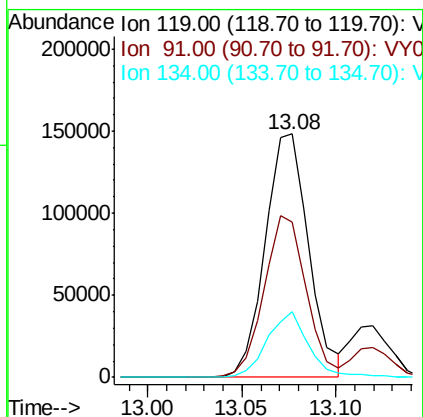
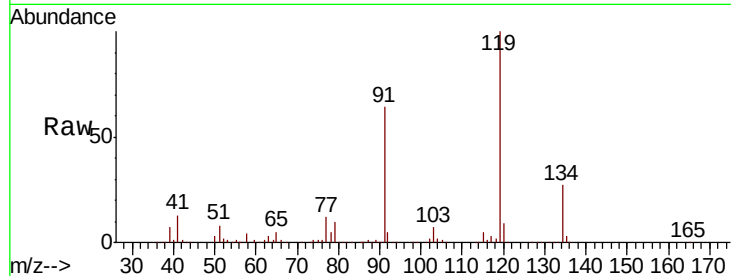
#83
 tert-Butylbenzene
 Concen: 20.251 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	236769		
91	64.7	32.3	96.8	
134	25.8	12.9	38.7	

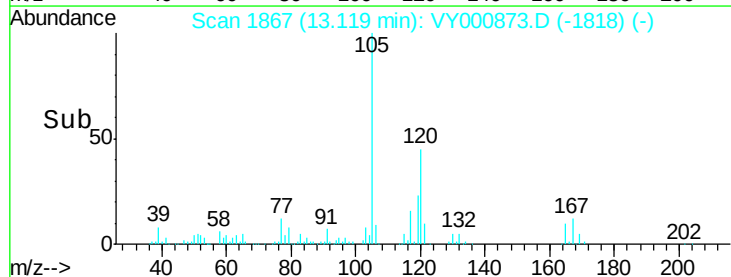
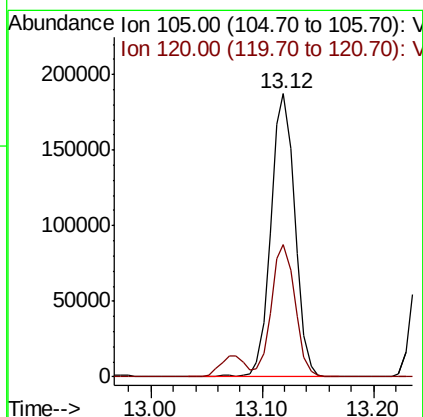
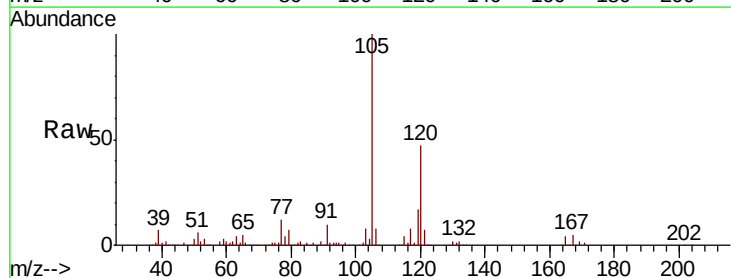
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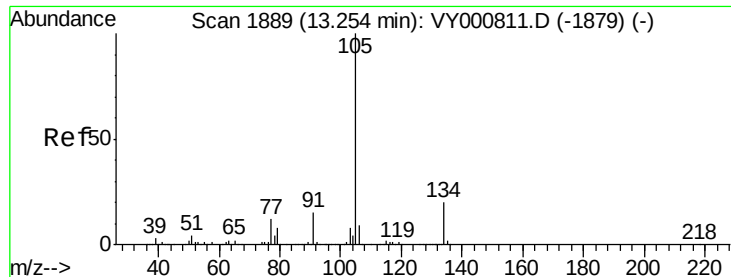
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.304 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	282486		
120	46.2	22.6	67.8	





#85

sec-Butylbenzene

Concen: 20.245 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

Tot Ion:105 Resp: 344253

Ion Ratio Lower Upper

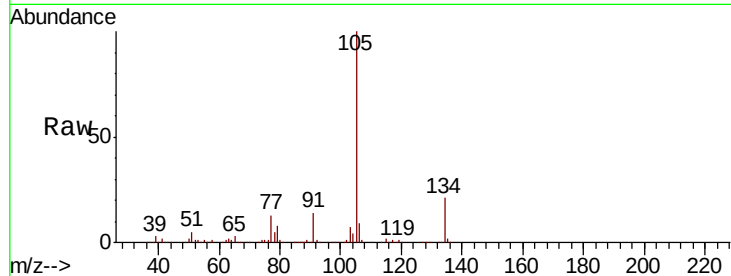
105 100

134 20.0 10.1 30.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

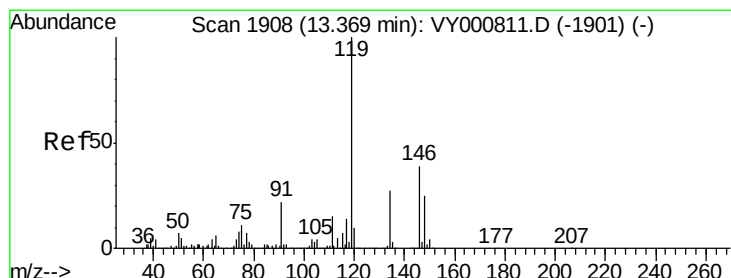
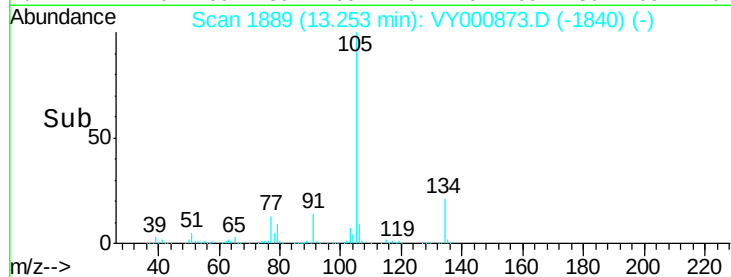
100000

50000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 20.335 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

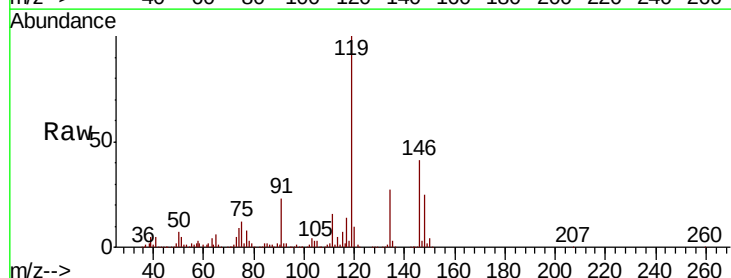
Tgt Ion:119 Resp: 300742

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 23.5 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

150000

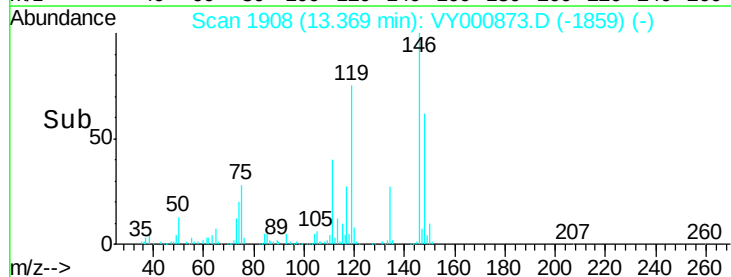
100000

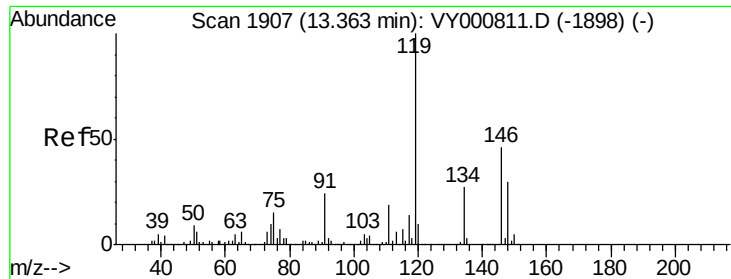
50000

0

13.30 13.35 13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.182 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Instrument :

MSVOA_Y

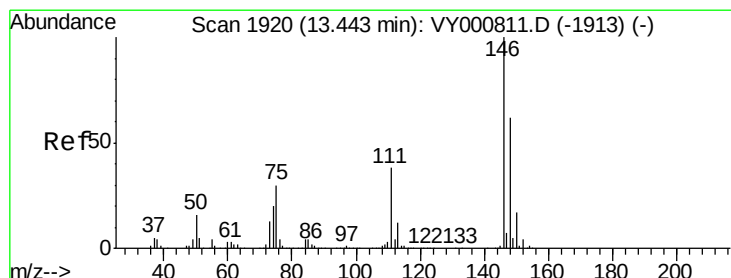
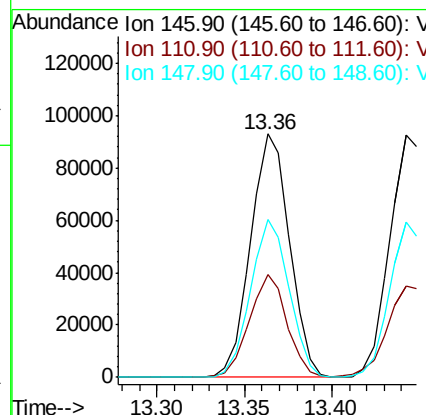
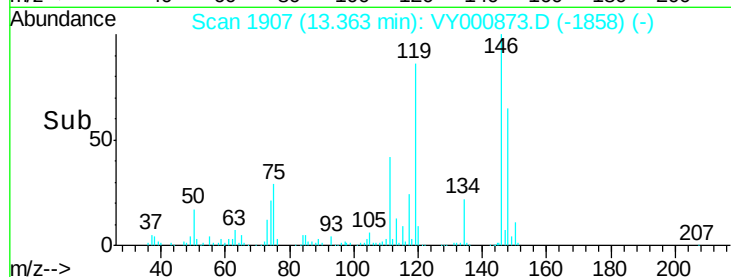
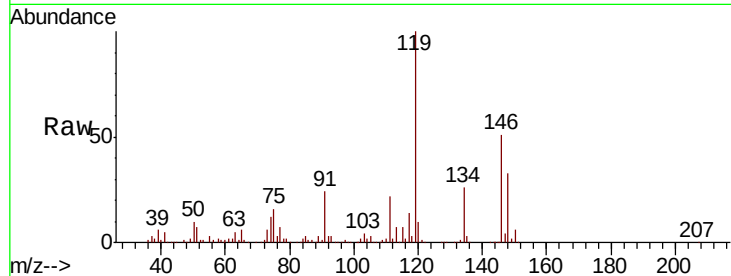
ClientSampleId :

VY1205SBS01

Tot Ion:	146	Resp:	144143
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.0	60.0
148	64.0	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 20.250 ug/l

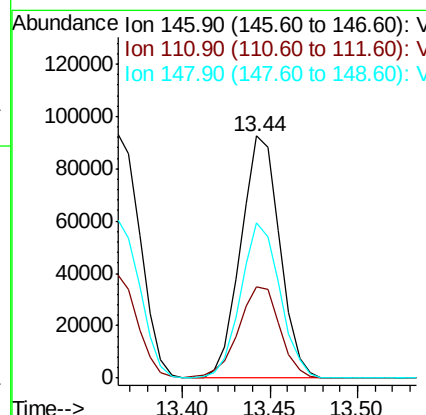
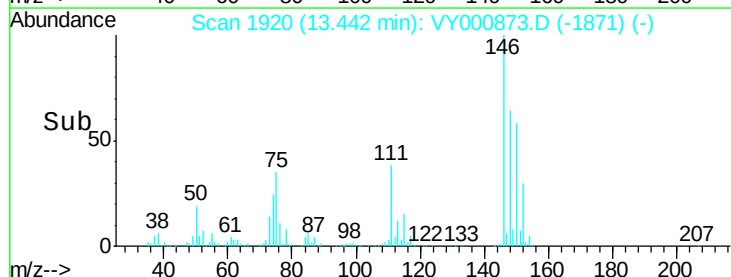
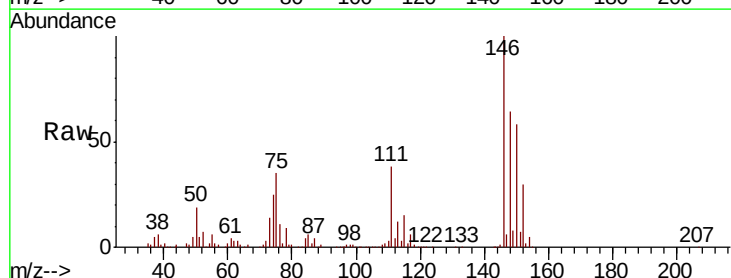
RT: 13.44 min Scan# 1920

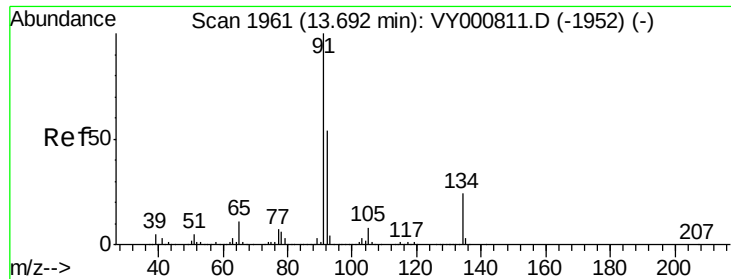
Delta R.T. -0.00 min

Lab File: VY000873.D

Acq: 05 Dec 2019 11:36

Tgt Ion:	146	Resp:	143200
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.0	59.9
148	64.6	31.7	95.1





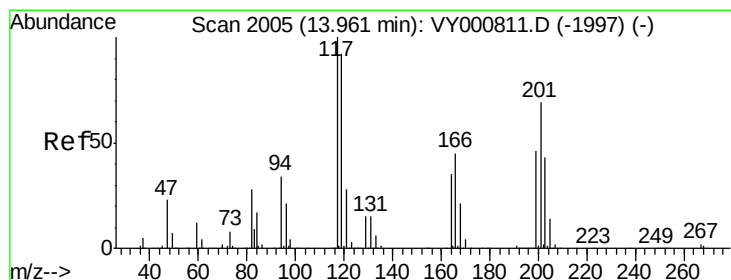
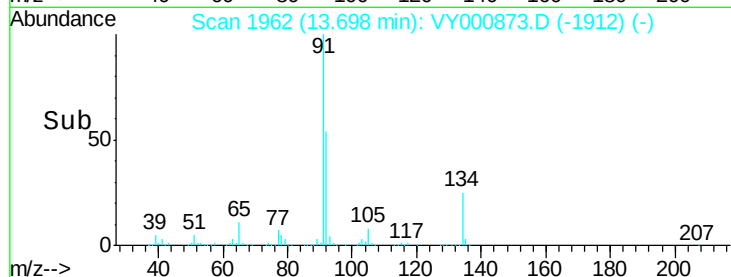
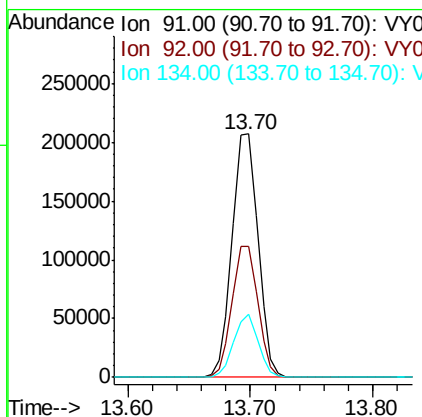
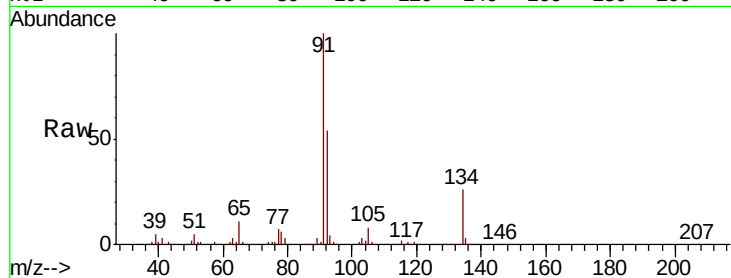
#89
n-Butylbenzene
Concen: 20.327 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.8	26.9	80.7	
134	24.4	12.6	37.6	

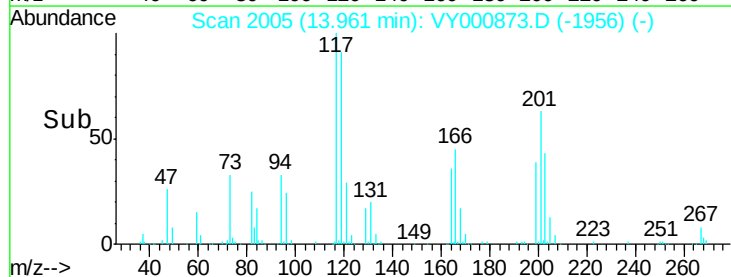
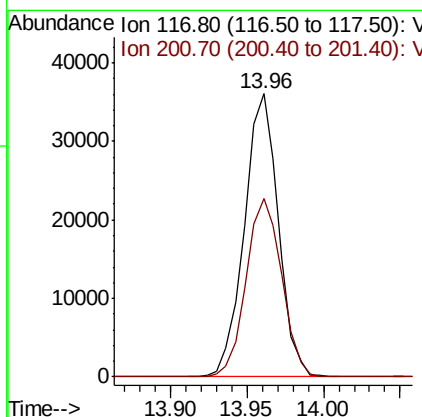
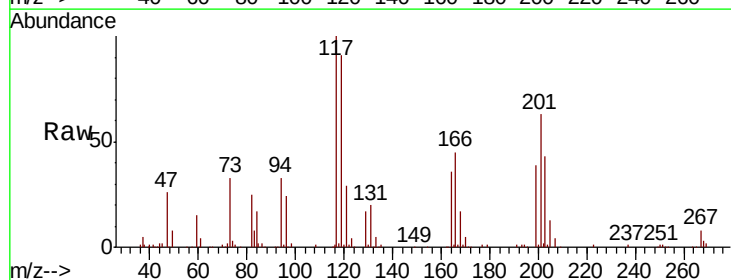
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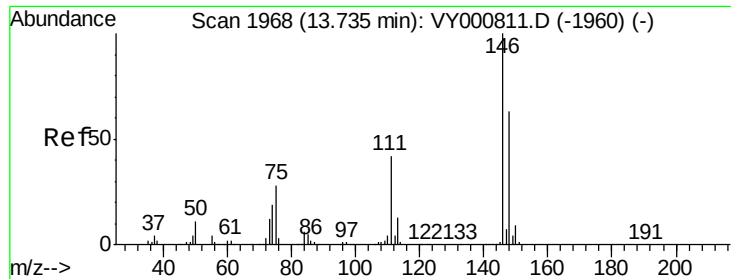
apatel
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#90
Hexachloroethane
Concen: 20.381 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	66.0	34.0	102.0	





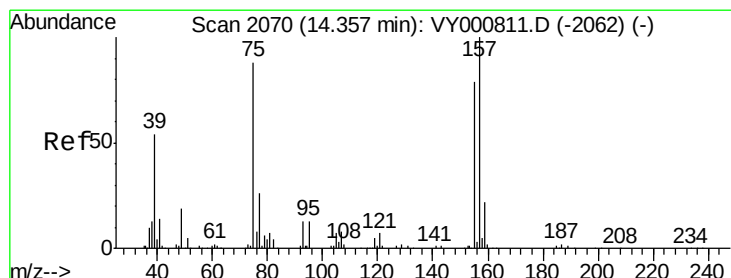
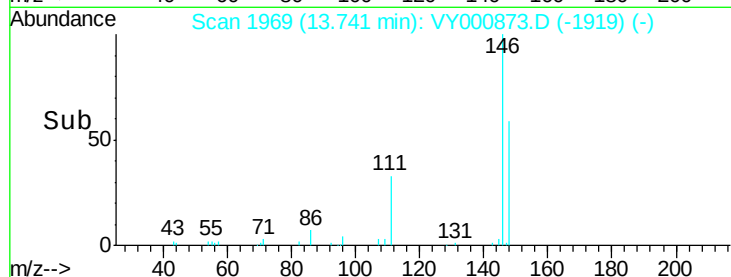
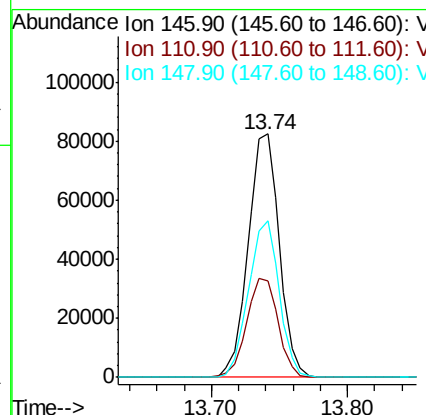
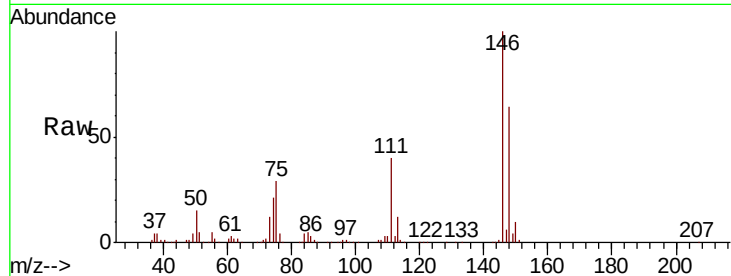
#91
 1,2-Dichlorobenzene
 Concen: 20.567 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.9	62.7
148	63.4	32.1	96.3

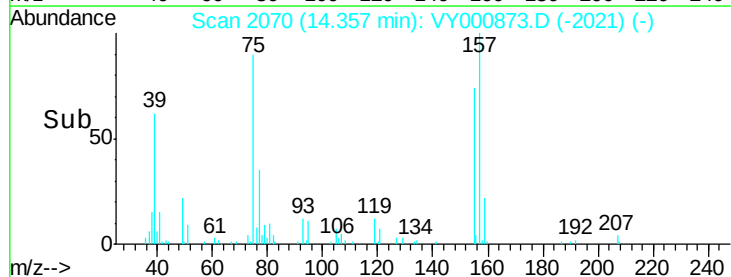
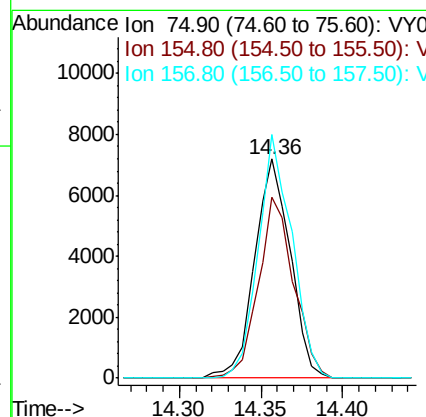
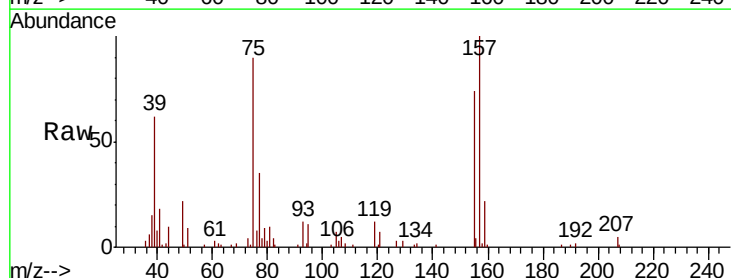
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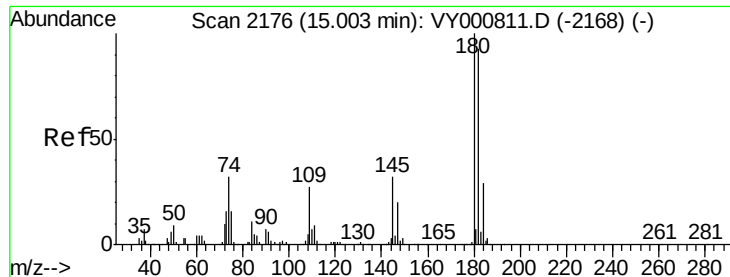
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.720 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.3	44.3	132.9
157	105.7	56.3	168.9





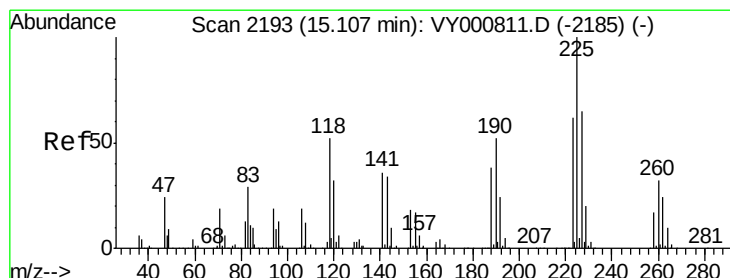
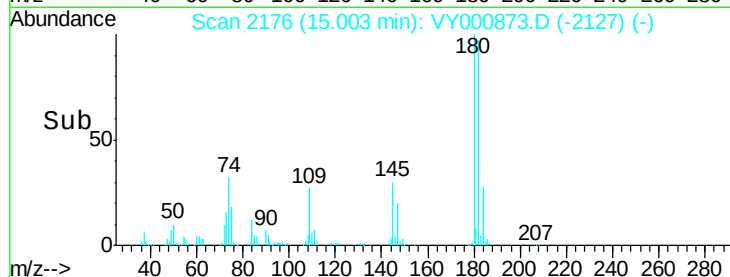
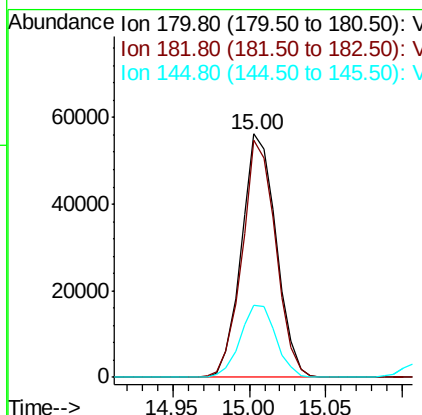
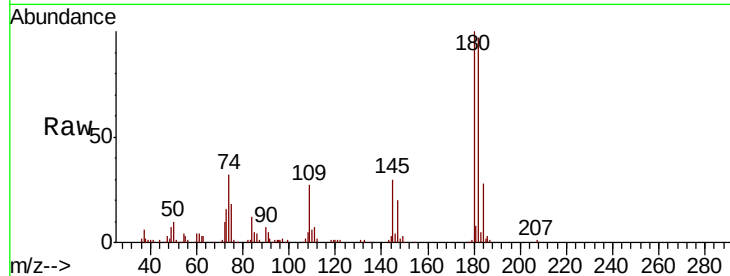
#93
 1,2,4-Trichlorobenzene
 Concen: 20.351 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.2	47.3	141.9	
145	30.3	16.0	47.9	

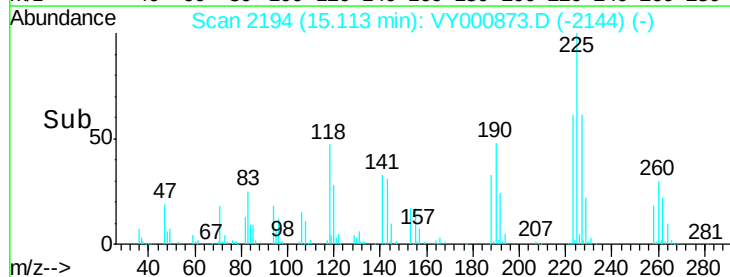
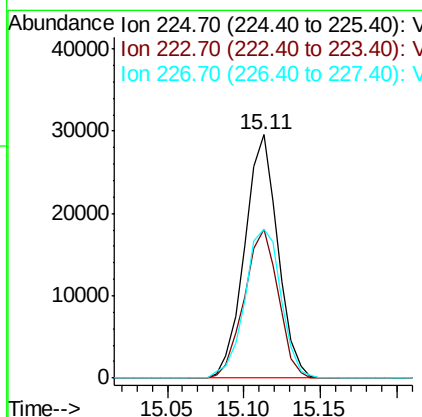
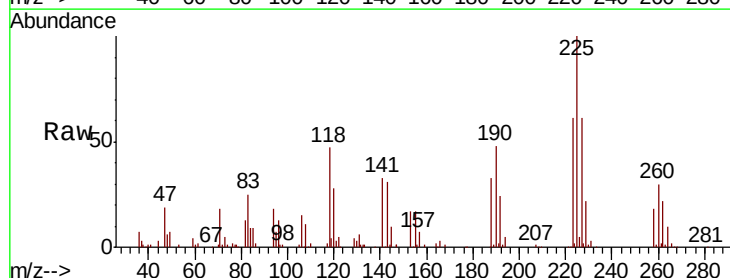
Manual Integrations
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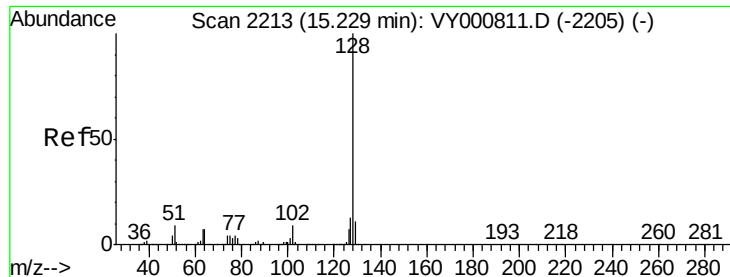
apatel
 12/6/2019 10:01:20 AM



#94
 Hexachlorobutadiene
 Concen: 20.641 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000873.D
 Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	31.4	94.3	
227	66.8	31.8	95.3	





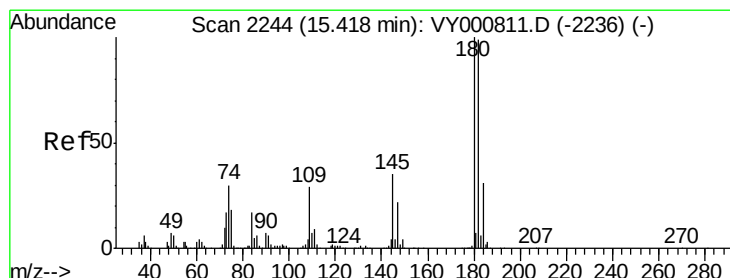
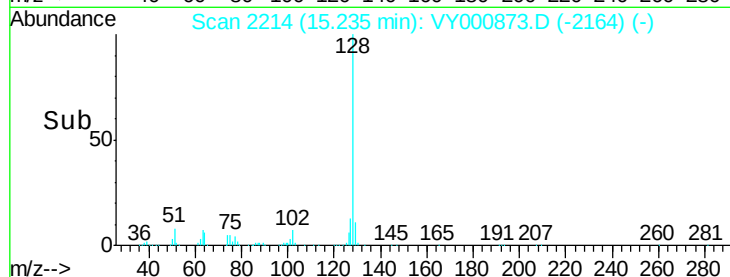
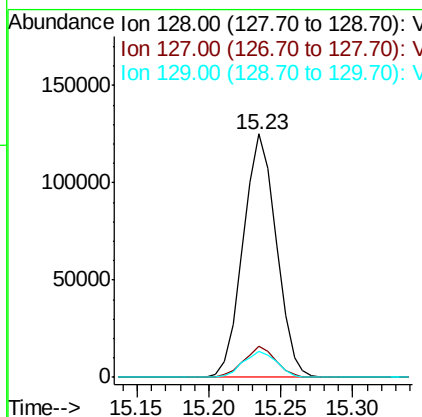
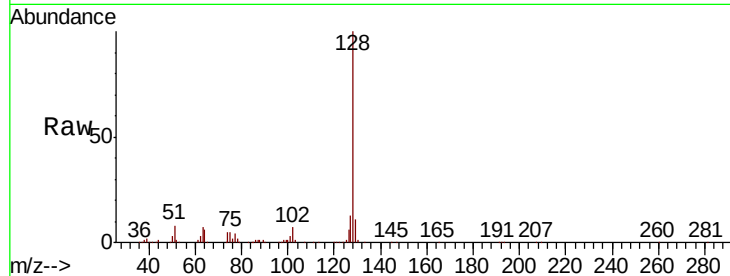
#95
Naphthalene
Concen: 19.789 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	10.7	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.576 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000873.D
Acq: 05 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	48.0	144.0
145	33.0	16.9	50.6

