

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002096.D
 Acq On : 27 Mar 2020 11:49
 Operator : SY/MD
 Sample : VY0327SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Manual Integrations
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Quant Time: Mar 30 03:49:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	156300	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	284489	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	256388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	120399	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	82643	47.83	ug/l	-0.01
Spiked Amount						
			Recovery	=	95.66%	
35) Dibromofluoromethane	7.72	113	75601	47.43	ug/l	-0.01
Spiked Amount						
			Recovery	=	94.86%	
50) Toluene-d8	10.18	98	311063	46.97	ug/l	0.00
Spiked Amount						
			Recovery	=	93.94%	
62) 4-Bromofluorobenzene	12.49	95	109772	47.40	ug/l	0.00
Spiked Amount						
			Recovery	=	94.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	32328	28.959	ug/l	99
3) Chloromethane	2.12	50	40668	22.265	ug/l	97
4) Vinyl Chloride	2.26	62	42084	22.654	ug/l	98
5) Bromomethane	2.65	94	27971	23.072	ug/l	98
6) Chloroethane	2.80	64	26705	22.388	ug/l	96
7) Trichlorofluoromethane	3.13	101	56878	22.343	ug/l	99
8) Diethyl Ether	3.53	74	23180	21.498	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	36563	21.891	ug/l	99
10) Methyl Iodide	4.10	142	38762	19.517	ug/l	99
11) Tert butyl alcohol	4.96	59	28821	141.545	ug/l #	92
12) 1,1-Dichloroethene	3.88	96	35823	21.122	ug/l	97
13) Acrolein	3.74	56	25091	98.593	ug/l	100
14) Allyl chloride	4.49	41	64892	20.901	ug/l	97
15) Acrylonitrile	5.18	53	58521	103.550	ug/l	98
16) Acetone	3.96	43	49868	102.728	ug/l	97
17) Carbon Disulfide	4.20	76	121628	21.610	ug/l	99
18) Methyl Acetate	4.49	43	25972	20.604	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	98104	20.735	ug/l	99
20) Methylene Chloride	4.72	84	43814	18.581	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	40788	21.122	ug/l	97
22) Diisopropyl ether	6.13	45	133562	21.021	ug/l	90
23) Vinyl Acetate	6.07	43	437426	104.987	ug/l	100
24) 1,1-Dichloroethane	6.02	63	71402	21.135	ug/l	97
25) 2-Butanone	6.99	43	79354	106.459	ug/l	97
26) 2,2-Dichloropropane	6.99	77	59936	21.542	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	44123	20.770	ug/l	97
28) Bromochloromethane	7.35	49	30971	20.081	ug/l	98
29) Tetrahydrofuran	7.35	42	51145	104.654	ug/l	98
30) Chloroform	7.52	83	66326	20.713	ug/l	95
31) Cyclohexane	7.79	56	75800	21.057	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	55649	20.814	ug/l	100
36) 1,1-Dichloropropene	7.93	75	56455	20.980	ug/l	99
37) Ethyl Acetate	7.08	43	34939	21.486	ug/l	100
38) Carbon Tetrachloride	7.91	117	48101	21.069	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	74190	21.019	ug/l	99
40) Benzene	8.16	78	166718	20.916	ug/l	99
41) Methacrylonitrile	7.32	41	16077m	19.546	ug/l	
42) 1,2-Dichloroethane	8.24	62	44168	20.872	ug/l	100
43) Isopropyl Acetate	8.28	43	63080	20.901	ug/l	100
44) Trichloroethene	8.94	130	40479	21.068	ug/l	91
45) 1,2-Dichloropropane	9.22	63	41917	20.654	ug/l	97
46) Dibromomethane	9.31	93	21741	20.859	ug/l	98
47) Bromodichloromethane	9.50	83	50958	21.002	ug/l	100
48) Methyl methacrylate	9.30	41	28059	20.746	ug/l	99
49) 1,4-Dioxane	9.30	88	5963	416.919	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	172886	111.246	ug/l	100
52) Toluene	10.25	92	100309	20.807	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	54791	20.345	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	65063	20.520	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	31039	20.121	ug/l	96
56) Ethyl methacrylate	10.51	69	45898	20.371	ug/l	99
57) 1,3-Dichloropropane	10.80	76	56618	20.774	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	115648	99.892	ug/l	100
59) 2-Hexanone	10.83	43	118425	108.178	ug/l	98
60) Dibromochloromethane	10.99	129	33002	20.445	ug/l	98
61) 1,2-Dibromoethane	11.09	107	29694	20.566	ug/l	97
64) Tetrachloroethene	10.72	164	33981	21.663	ug/l	94
65) Chlorobenzene	11.52	112	103696	20.953	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	34157	20.630	ug/l	99
67) Ethyl Benzene	11.60	91	193295	21.029	ug/l	100
68) m/p-Xylenes	11.70	106	144486	42.514	ug/l	99
69) o-Xylene	12.03	106	67635	20.979	ug/l	100
70) Styrene	12.05	104	116295	20.817	ug/l	99
71) Bromoform	12.21	173	19139	21.105	ug/l #	98
73) Isopropylbenzene	12.33	105	181264	20.295	ug/l	99
74) N-amyl acetate	12.15	43	57928	20.565	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	40297	20.967	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	26685m	19.814	ug/l	
77) Bromobenzene	12.61	156	39708	20.827	ug/l	98
78) n-propylbenzene	12.67	91	224788	20.281	ug/l	100
79) 2-Chlorotoluene	12.76	91	122935	20.201	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	152289	20.667	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	14100	20.283	ug/l	93
82) 4-Chlorotoluene	12.86	91	131643	20.529	ug/l	100
83) tert-Butylbenzene	13.08	119	126207	20.519	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	152560	20.751	ug/l	98
85) sec-Butylbenzene	13.26	105	188641	20.707	ug/l	100
86) p-Isopropyltoluene	13.38	119	165122	21.106	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	78020	20.918	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	77714	20.706	ug/l	98
89) n-Butylbenzene	13.70	91	169999	20.855	ug/l	100
90) Hexachloroethane	13.97	117	30512	20.698	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	71954	20.890	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6204	20.152	ug/l	96

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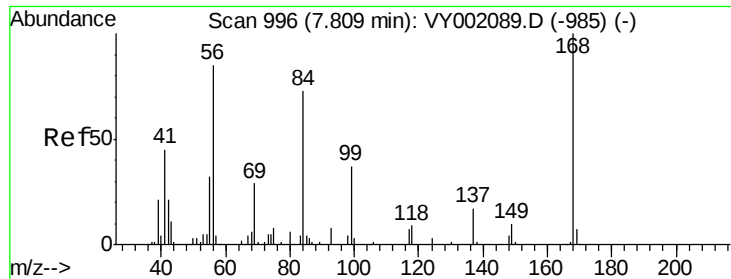
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	46595	20.988	ug/l	97
94) Hexachlorobutadiene	15.12	225	23146	21.121	ug/l	97
95) Naphthalene	15.24	128	108696	20.614	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	41252	20.491	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: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tot Ion:168 Resp: 156300

Ion Ratio Lower Upper

168 100

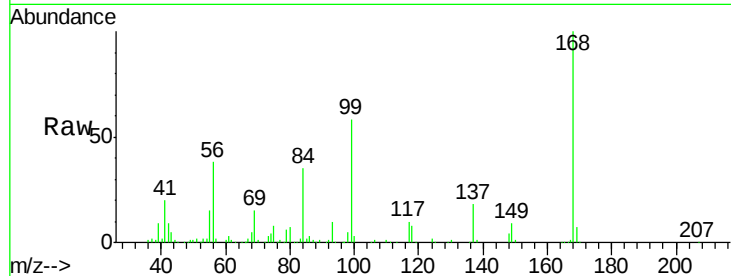
99 57.9 47.6 71.4

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Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)

7.80

60000

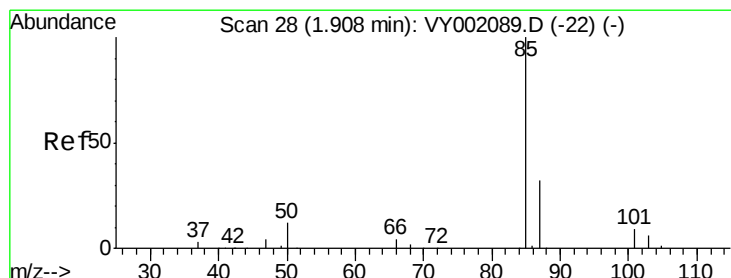
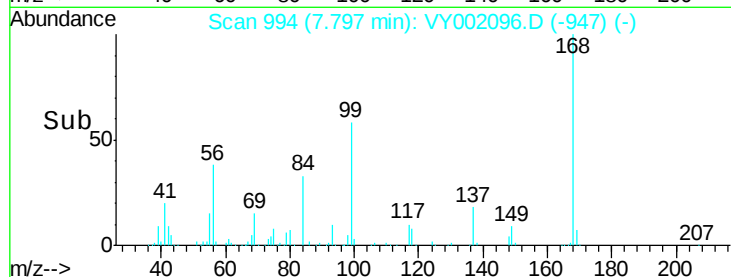
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 28.959 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002096.D

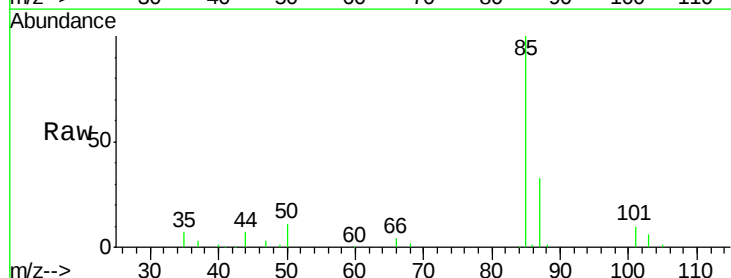
Acq: 27 Mar 2020 11:49

Tgt Ion: 85 Resp: 32328

Ion Ratio Lower Upper

85 100

87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002089.D (-22) (-)

1.91

25000

20000

15000

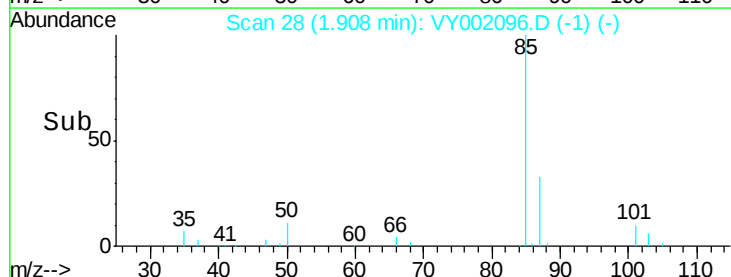
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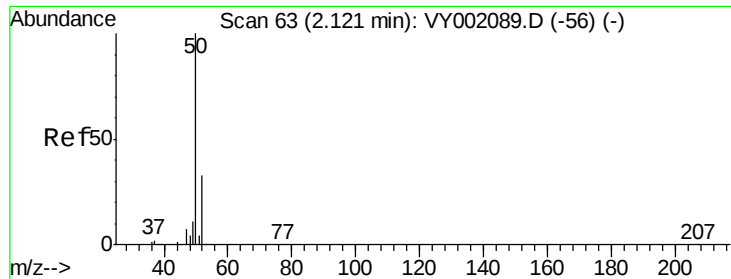
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 22.265 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tot Ion: 50 Resp: 40668

Ion Ratio Lower Upper

50 100

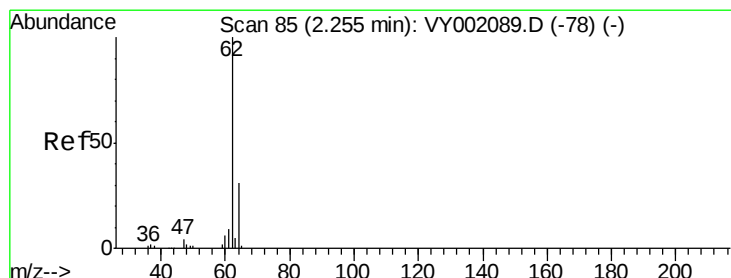
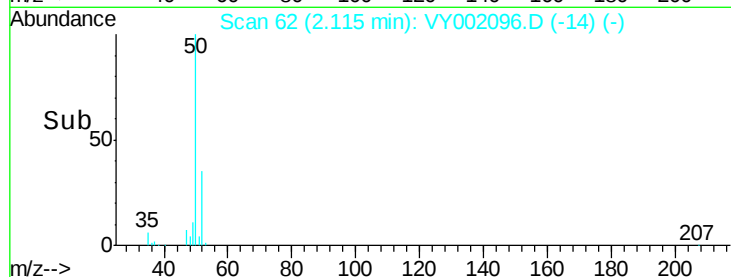
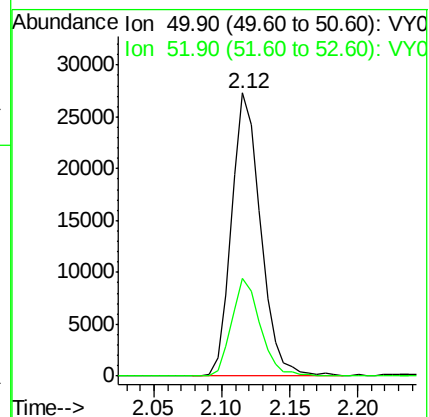
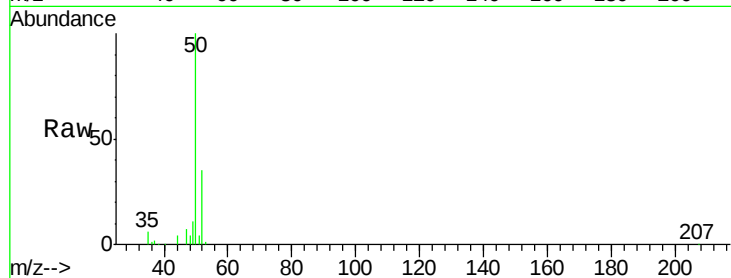
52 34.6 26.1 39.1

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#4

Vinyl Chloride

Concen: 22.654 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002096.D

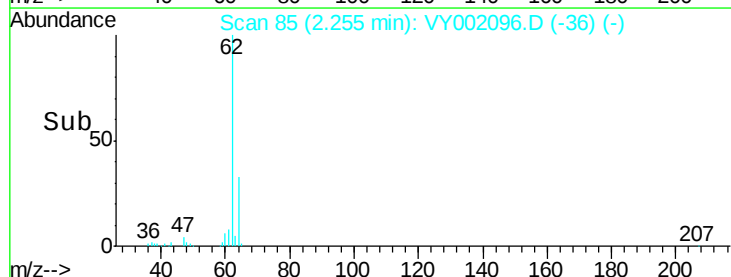
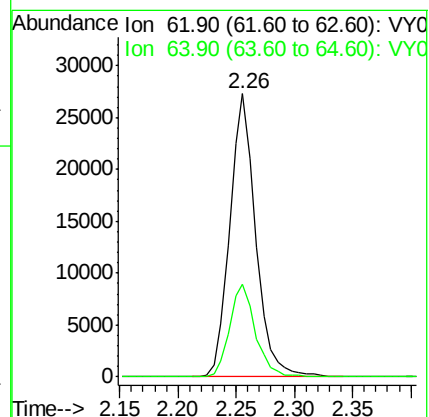
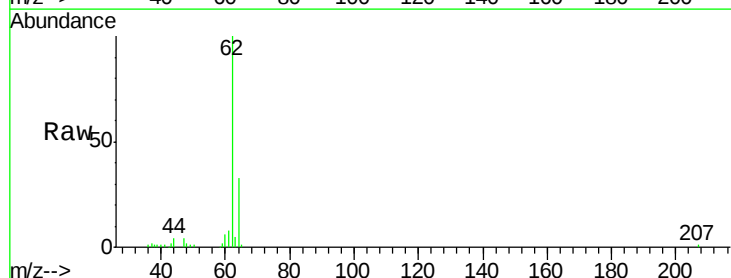
Acq: 27 Mar 2020 11:49

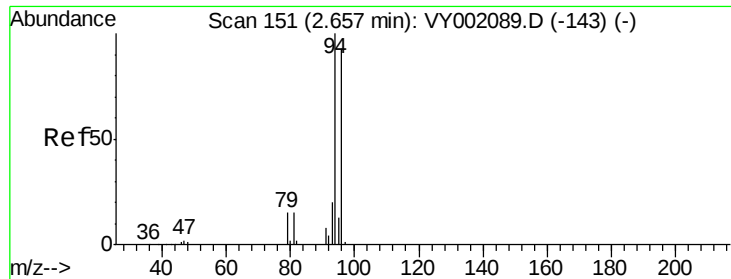
Tgt Ion: 62 Resp: 42084

Ion Ratio Lower Upper

62 100

64 32.8 25.2 37.8





#5

Bromomethane

Concen: 23.072 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tot Ion: 94 Resp: 27971

Ion Ratio Lower Upper

94 100

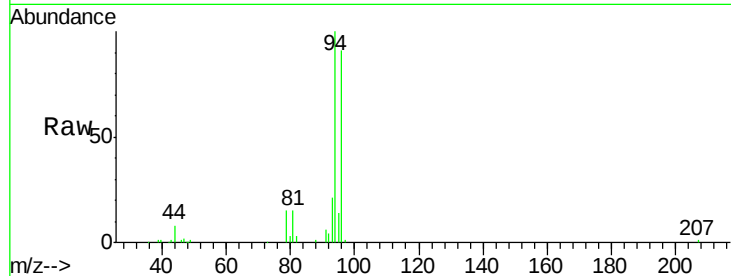
96 91.0 74.1 111.1

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

15000

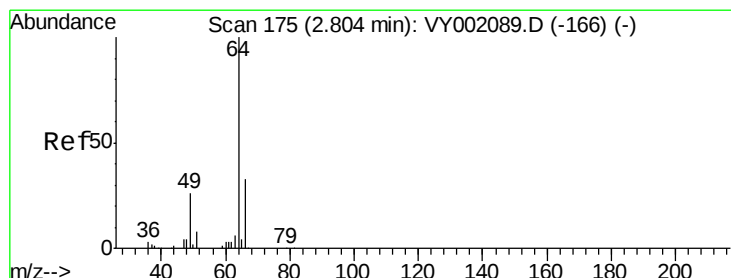
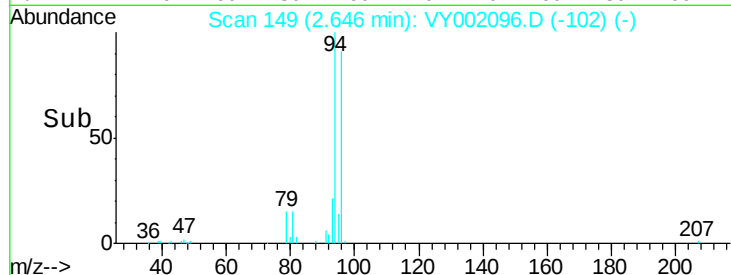
2.65

10000

5000

0

Time-->



#6

Chloroethane

Concen: 22.388 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002096.D

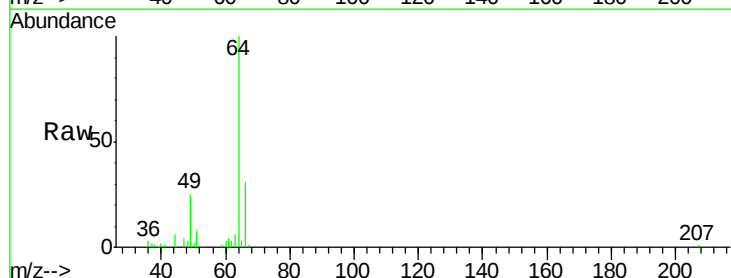
Acq: 27 Mar 2020 11:49

Tgt Ion: 64 Resp: 26705

Ion Ratio Lower Upper

64 100

66 31.1 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

15000

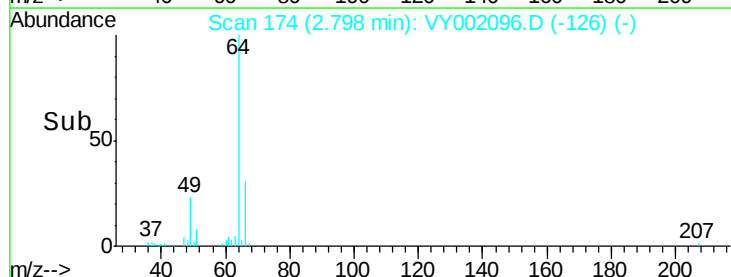
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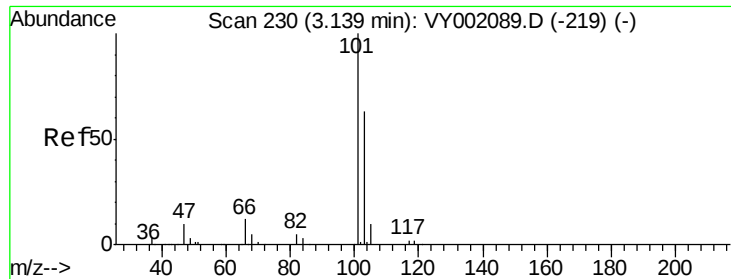
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Time-->





#7

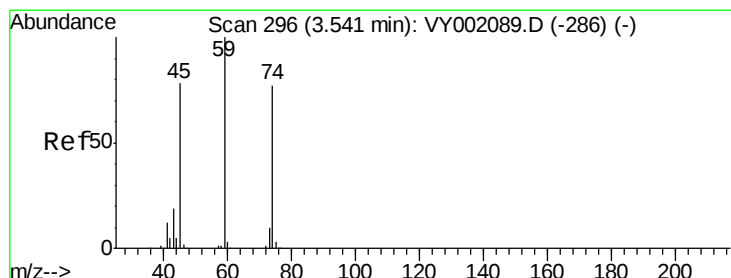
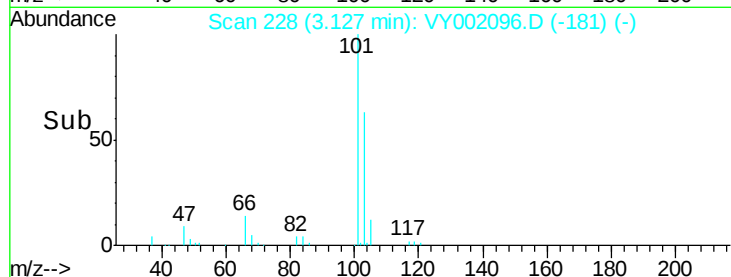
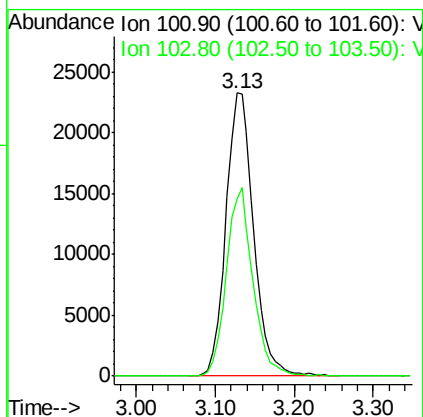
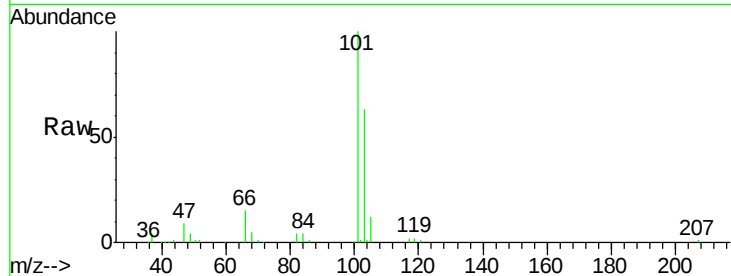
Trichlorofluoromethane
 Concen: 22.343 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Instrument :
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 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	50.6	76.0

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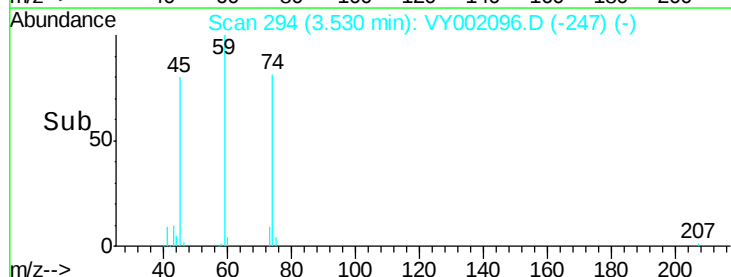
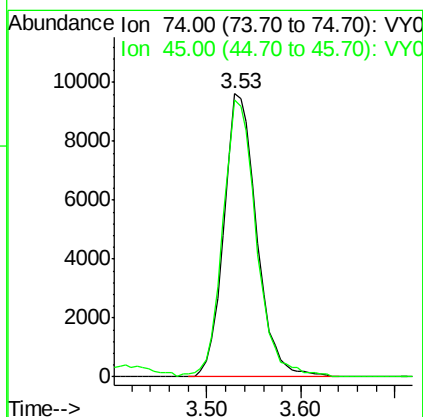
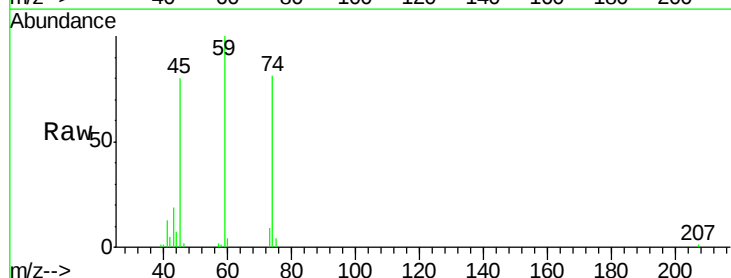
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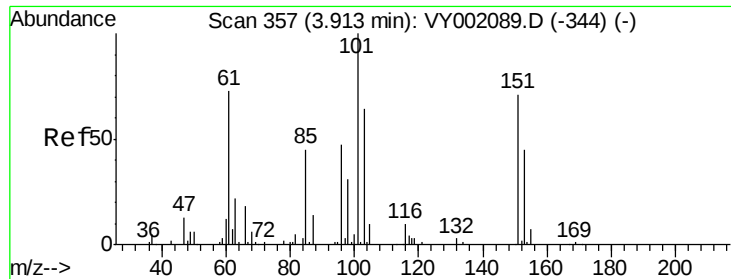


#8

Diethyl Ether
 Concen: 21.498 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	51.0	153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.891 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

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MSVOA_Y

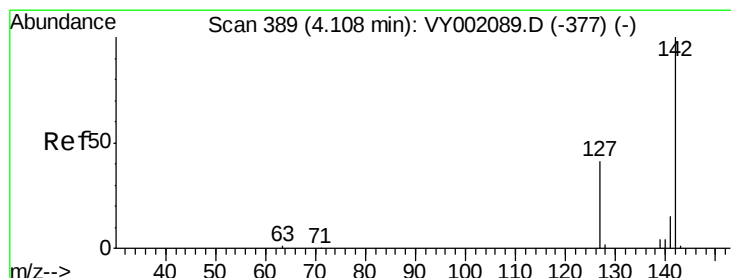
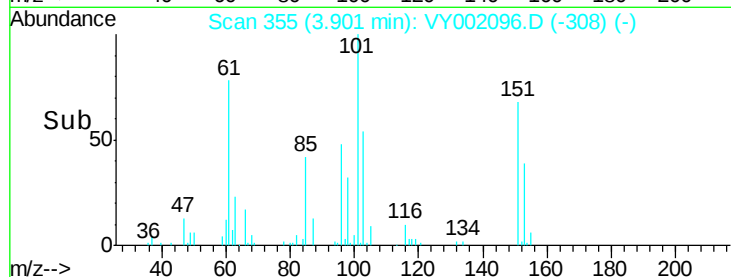
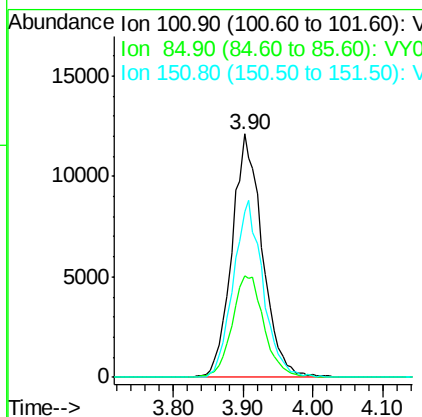
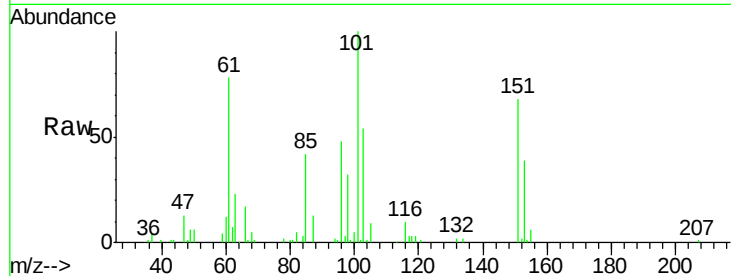
ClientSampleId :

VY0327SBS01

Tot Ion:	101	Resp:	36563
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.9	53.9
151	71.2	57.5	86.3

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#10

Methyl Iodide

Concen: 19.517 ug/l

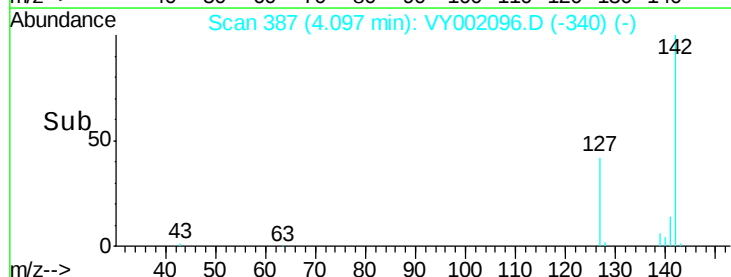
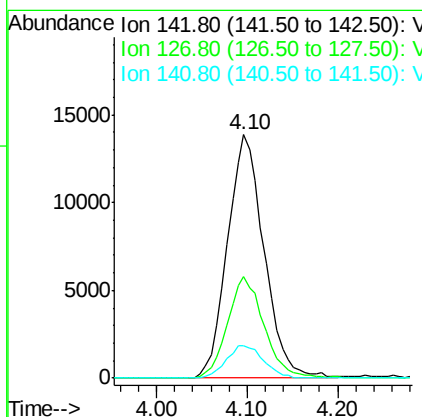
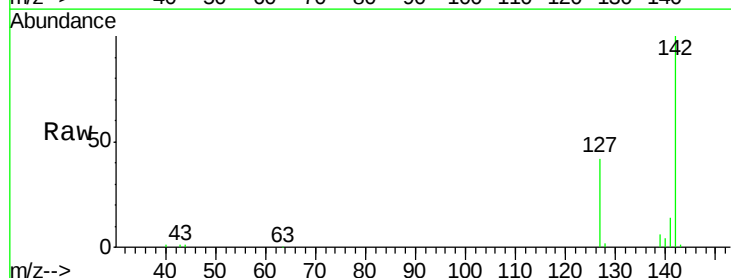
RT: 4.10 min Scan# 387

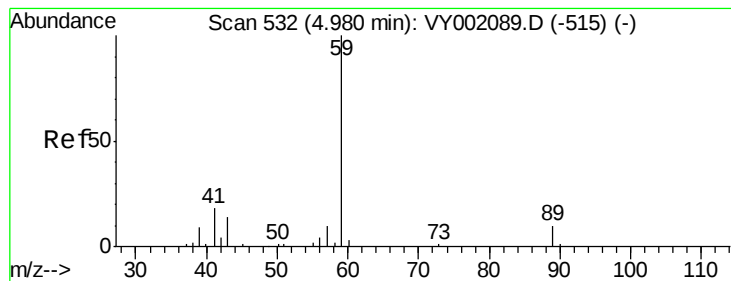
Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Tgt Ion:	142	Resp:	38762
Ion Ratio	Lower	Upper	
142	100		
127	41.4	32.6	49.0
141	13.6	11.4	17.0





#11

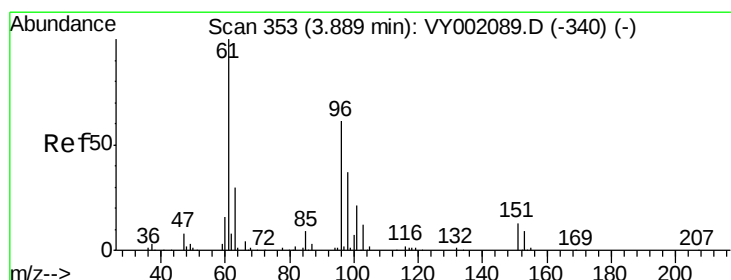
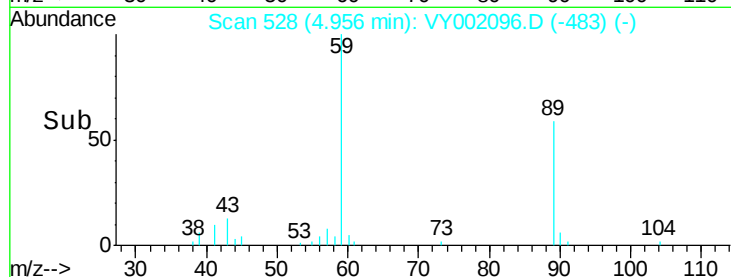
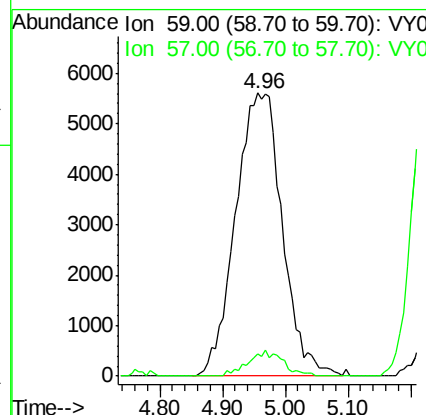
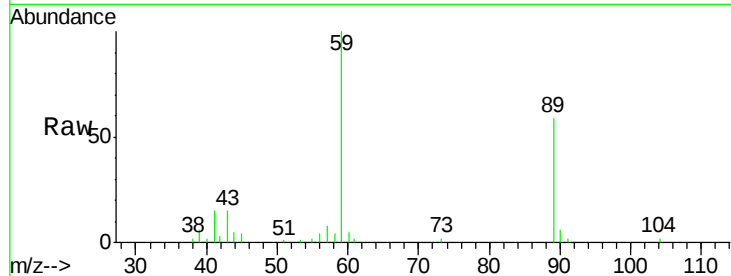
Tert butyl alcohol
 Concen: 141.545 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion: 59 Resp: 28821
 Ion Ratio Lower Upper
 59 100
 57 6.8 7.7 11.5#

Manual Integrations
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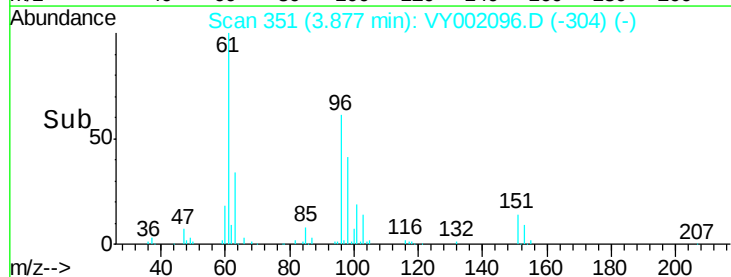
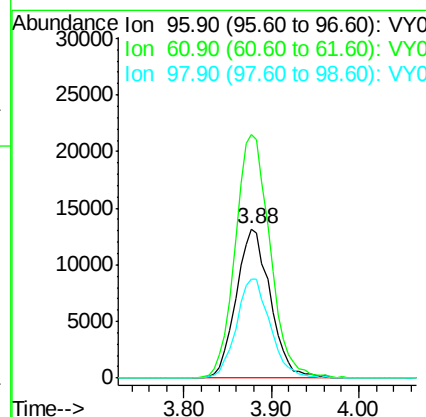
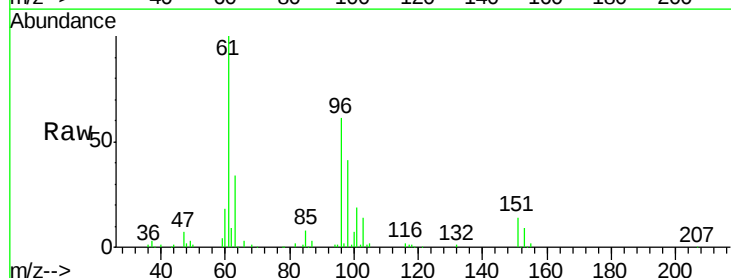
apatel
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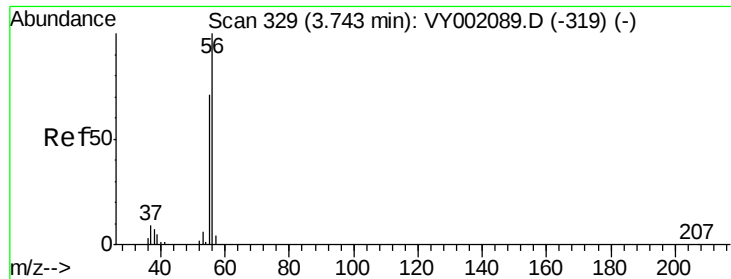


#12

1,1-Dichloroethene
 Concen: 21.122 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion: 96 Resp: 35823
 Ion Ratio Lower Upper
 96 100
 61 163.0 132.0 198.0
 98 66.3 49.4 74.0





#13

Acrolein

Concen: 98.593 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Tot Ion: 56 Resp: 25091

Ion Ratio Lower Upper

56 100

55 70.3 56.5 84.7

Instrument :

MSVOA_Y

ClientSampleId :

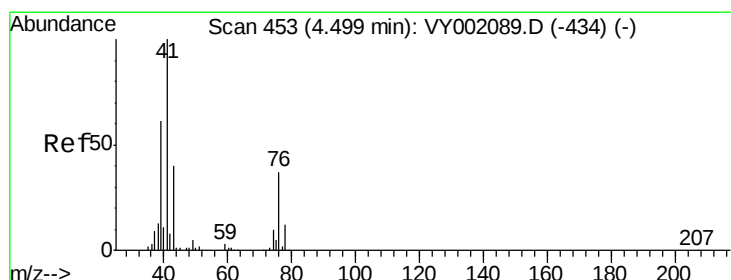
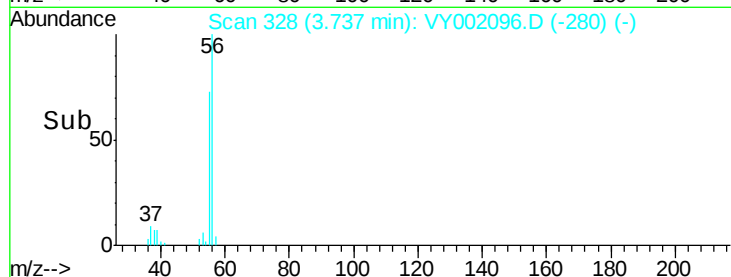
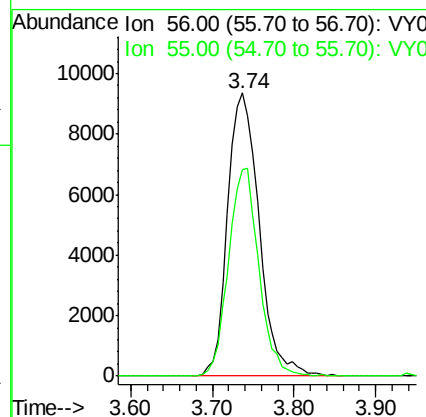
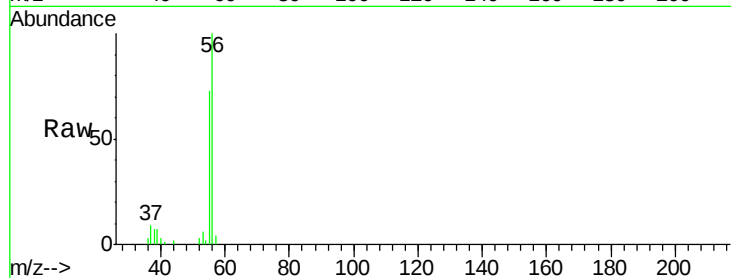
VY0327SBS01

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#14

Allyl chloride

Concen: 20.901 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

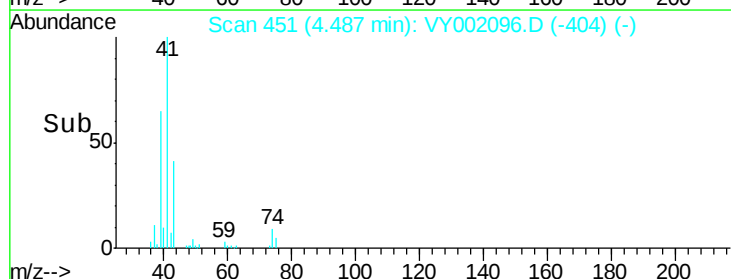
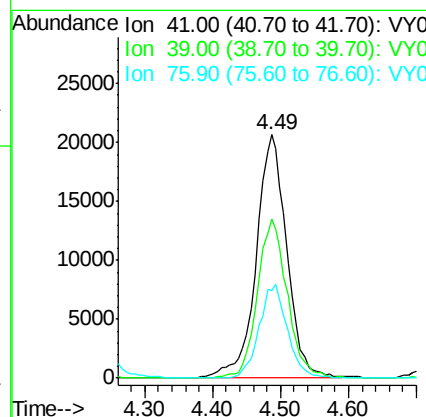
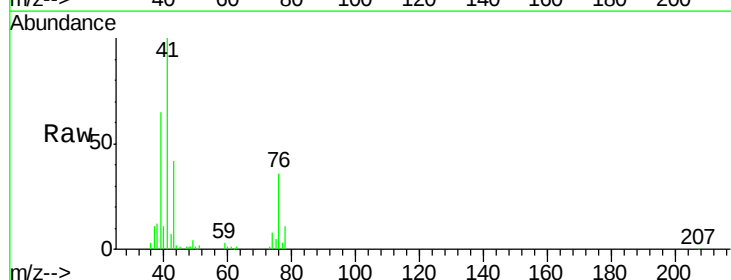
Tgt Ion: 41 Resp: 64892

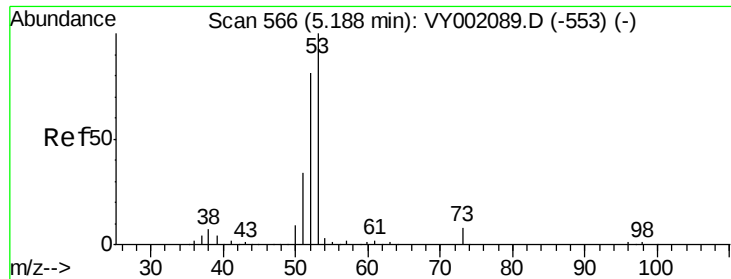
Ion Ratio Lower Upper

41 100

39 63.7 49.0 73.4

76 35.6 27.8 41.8





#15

Acrylonitrile

Concen: 103.550 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

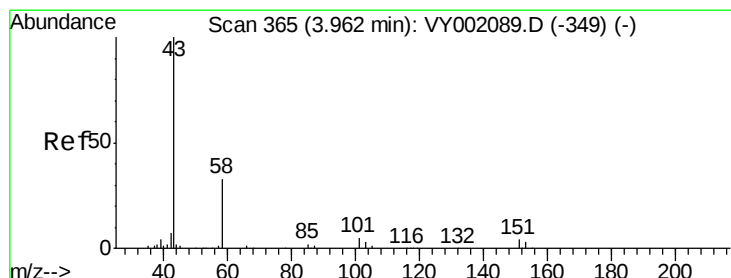
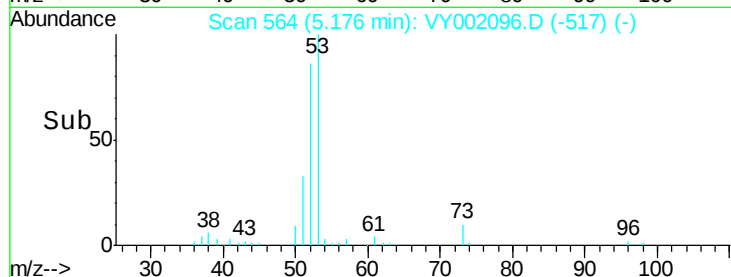
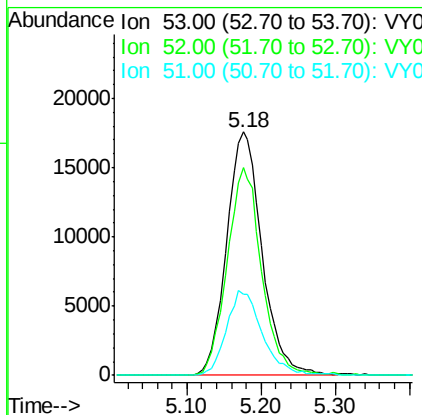
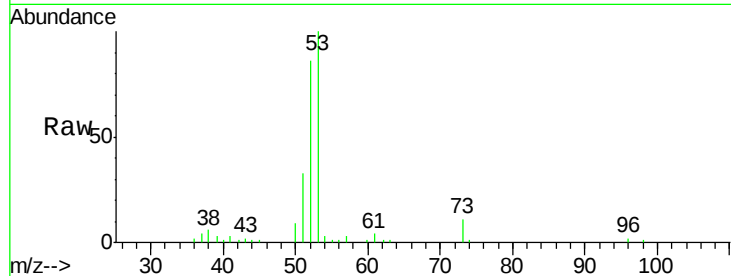
ClientSampleId :

VY0327SBS01

Tot Ion:	53	Resp:	58521
Ion	Ratio	Lower	Upper
53	100		
52	82.8	64.6	97.0
51	35.3	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 102.728 ug/l

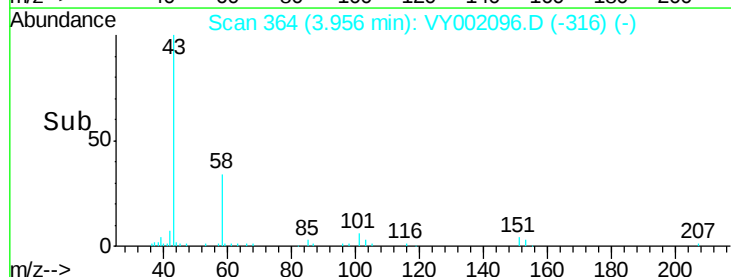
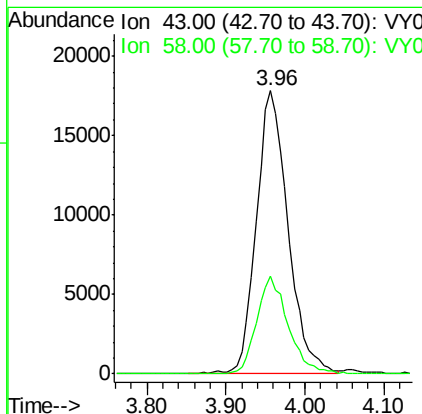
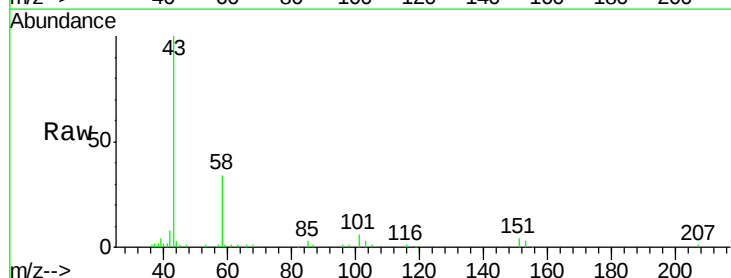
RT: 3.96 min Scan# 364

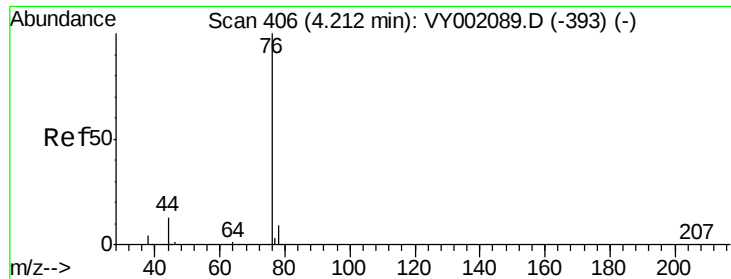
Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Tgt Ion:	43	Resp:	49868
Ion	Ratio	Lower	Upper
43	100		
58	34.4	26.3	39.5





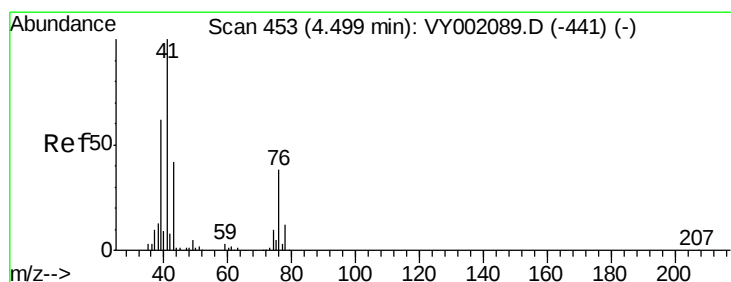
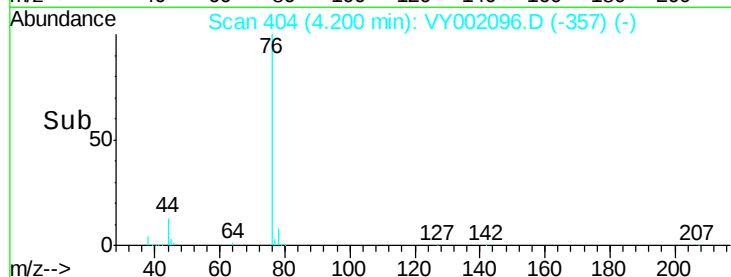
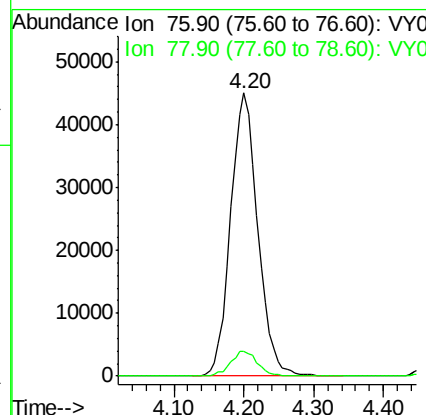
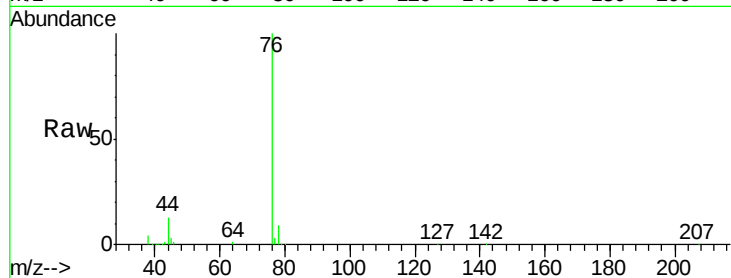
#17
Carbon Disulfide
Concen: 21.610 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.3	10.9

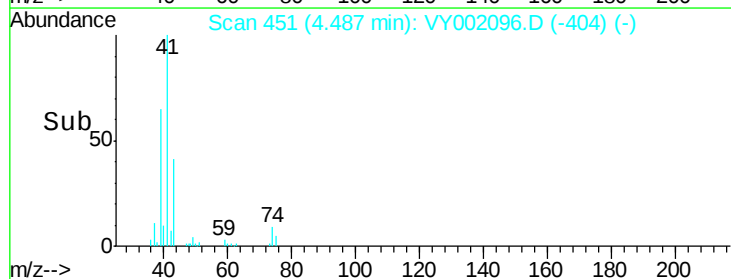
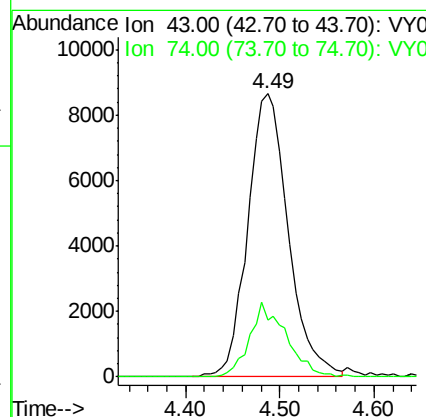
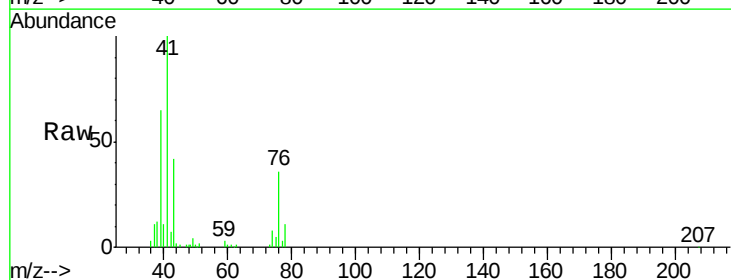
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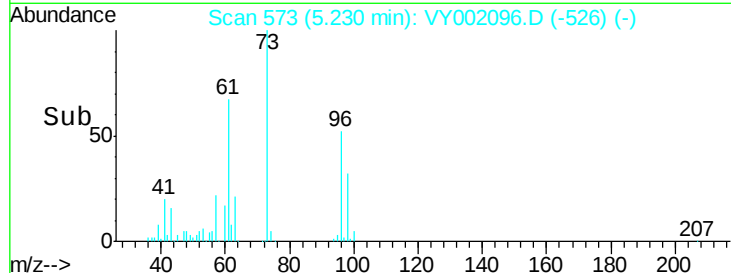
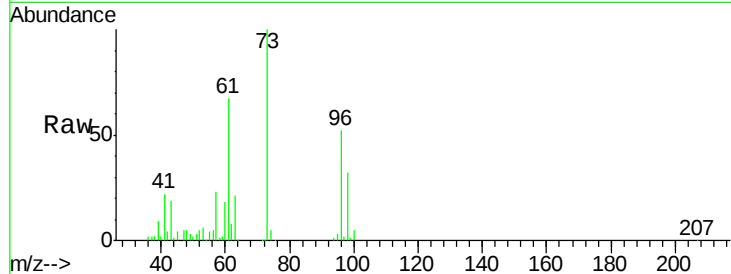
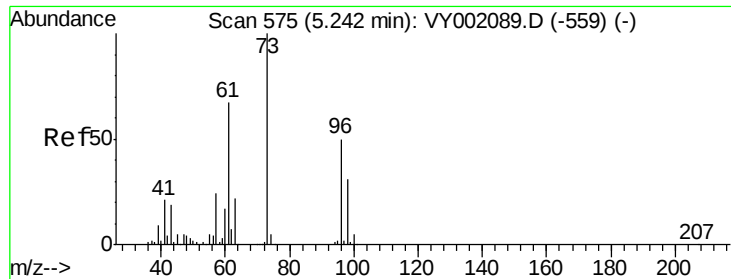
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#18
Methyl Acetate
Concen: 20.604 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.3	27.5





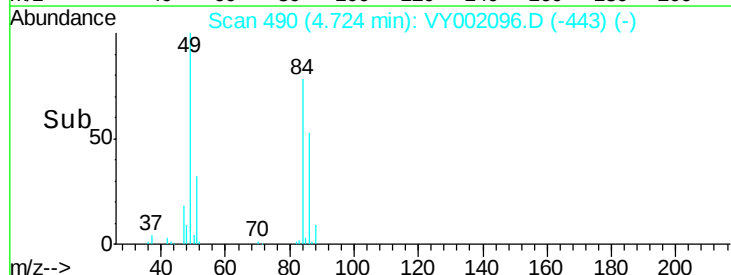
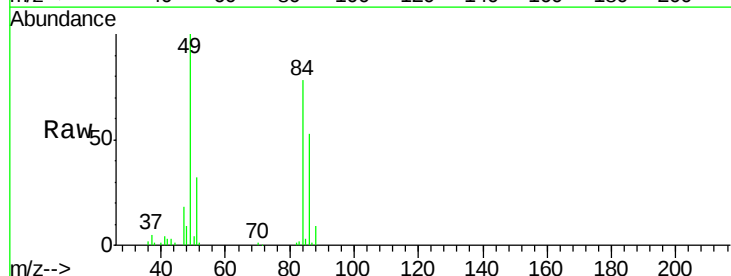
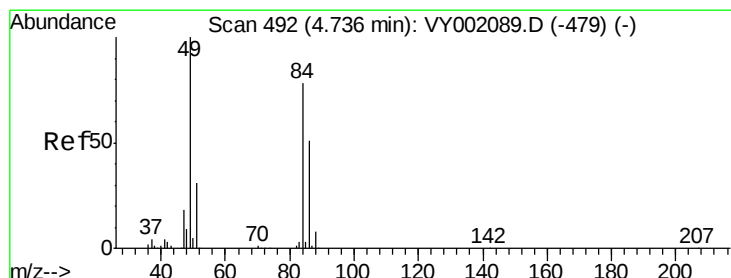
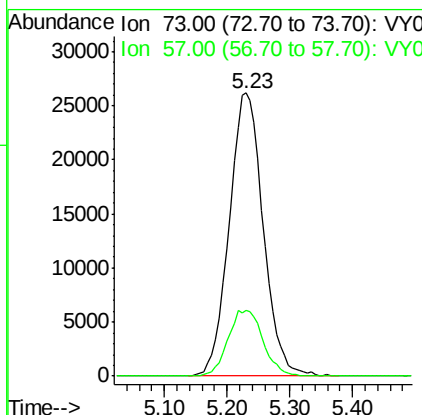
#19
Methyl tert-butyl Ether
Concen: 20.735 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tot Ion	73	Resp	98104
Ion Ratio	100	Lower	Upper
57	23.2	19.0	28.6

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

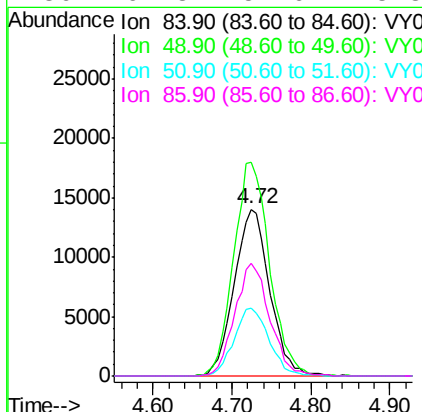
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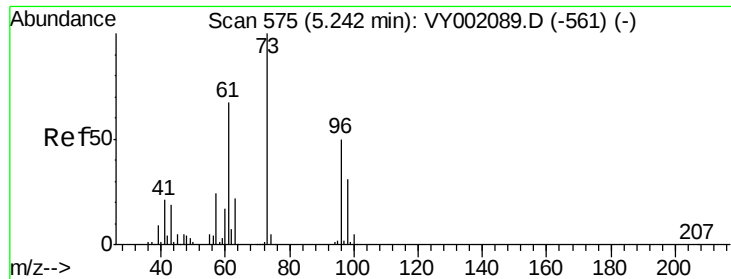
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#20
Methylene Chloride
Concen: 18.581 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion	84	Resp	43814
Ion Ratio	100	Lower	Upper
49	128.3	102.2	153.4
51	40.6	31.2	46.8
86	67.8	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 21.122 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

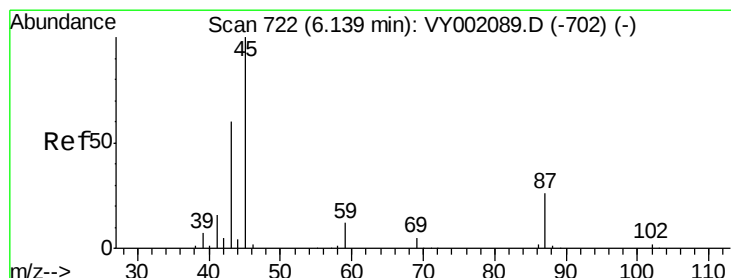
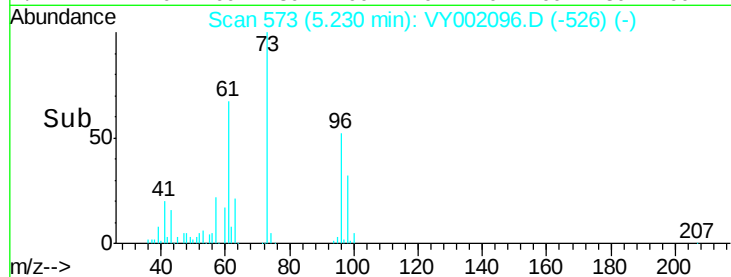
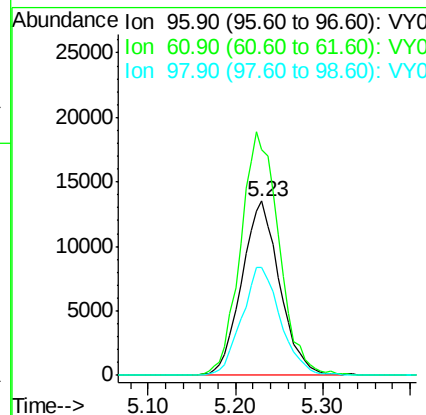
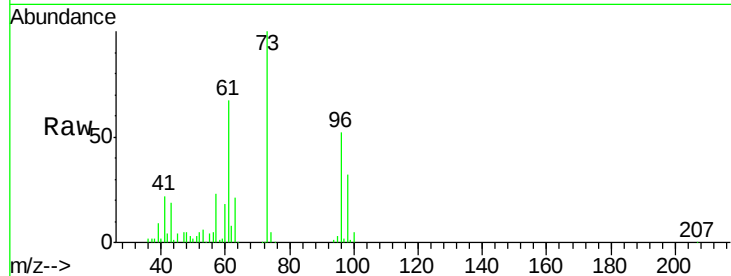
ClientSampleId :

VY0327SBS01

Tot Ion:	96	Resp:	40788
Ion	Ratio	Lower	Upper
96	100		
61	129.6	107.7	161.5
98	61.8	50.5	75.7

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#22

Diisopropyl ether

Concen: 21.021 ug/l

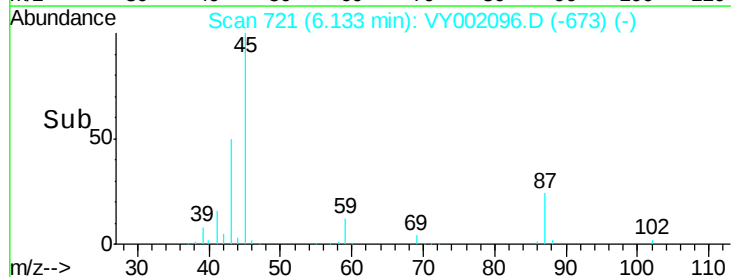
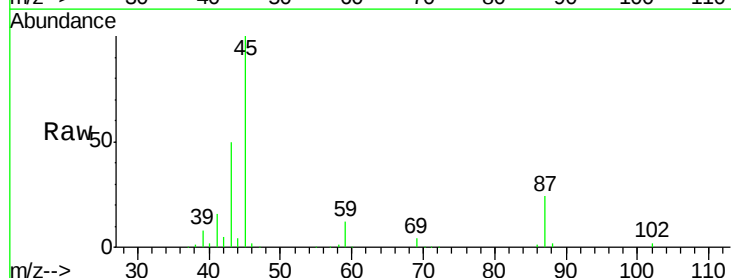
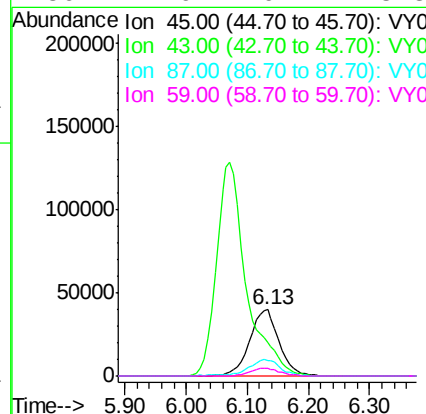
RT: 6.13 min Scan# 721

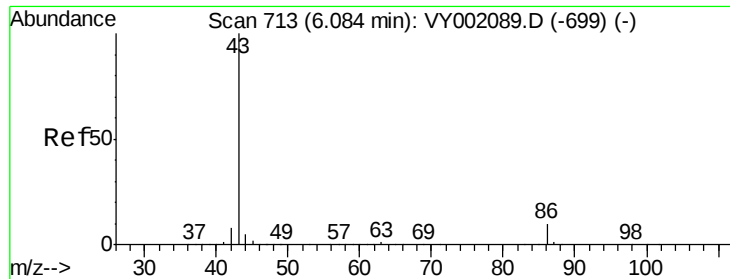
Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Tgt Ion:	45	Resp:	133562
Ion	Ratio	Lower	Upper
45	100		
43	49.4	48.1	72.1
87	23.7	21.1	31.7
59	11.9	9.2	13.8





#23

Vinyl Acetate

Concen: 104.987 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampled :

VY0327SBS01

Tot Ion: 43 Resp: 437426

Ion Ratio Lower Upper

43 100

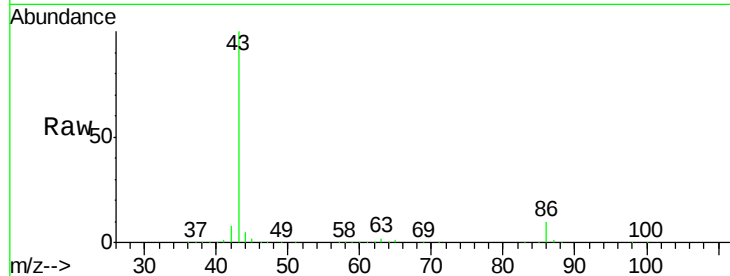
86 9.9 7.9 11.9

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

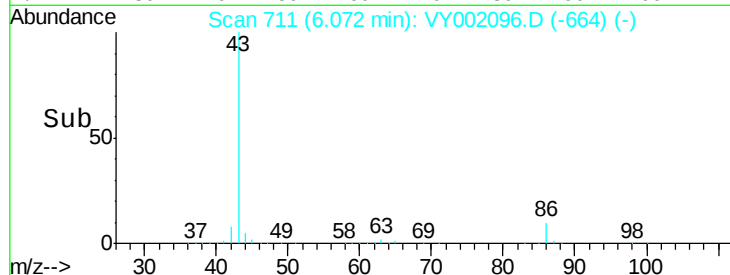
150000

100000

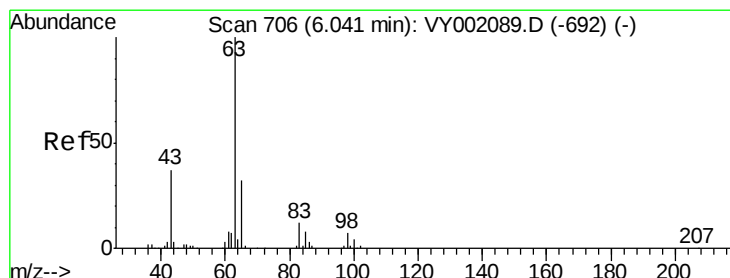
50000

0

Time-->



Time-->



#24

1,1-Dichloroethane

Concen: 21.135 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.02 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

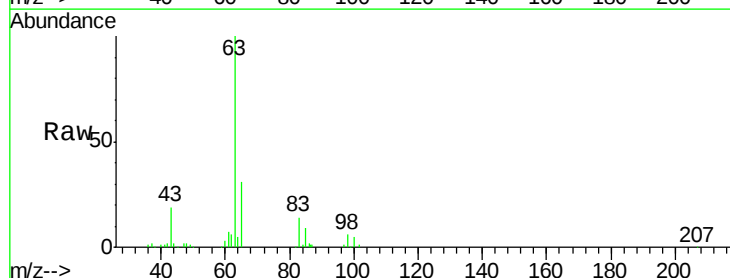
Tgt Ion: 63 Resp: 71402

Ion Ratio Lower Upper

63 100

98 5.6 3.3 9.9

100 4.8 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

30000

25000

20000

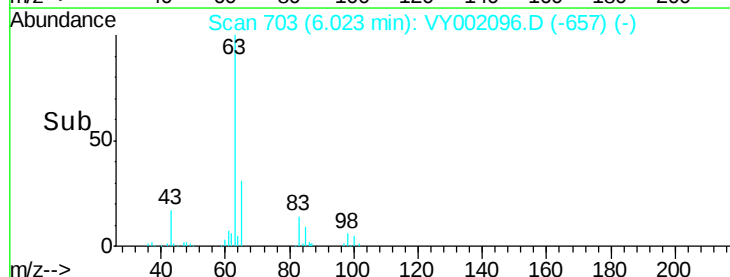
15000

10000

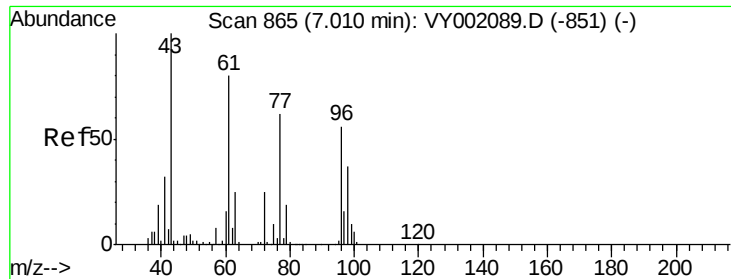
5000

0

Time-->



Time-->



#25

2-Butanone

Concen: 106.459 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.02 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tot Ion: 43 Resp: 79354

Ion Ratio Lower Upper

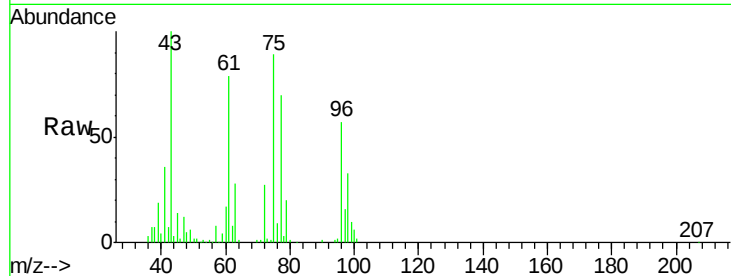
43 100

72 26.5 20.2 30.2

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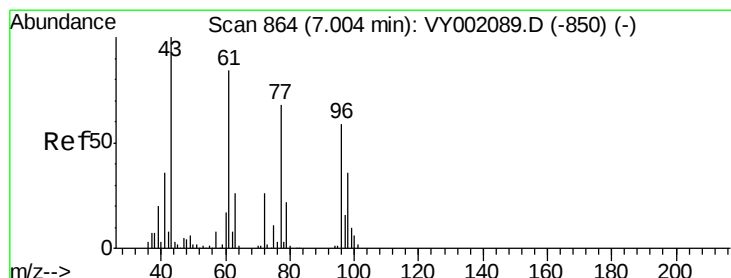
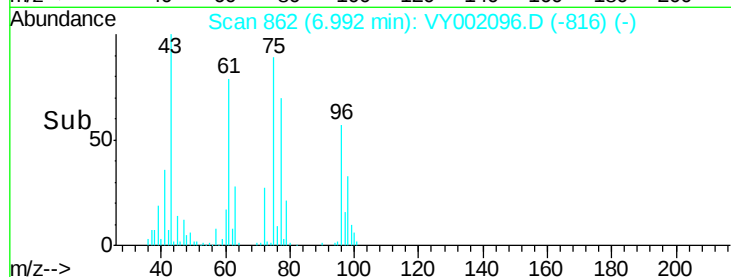
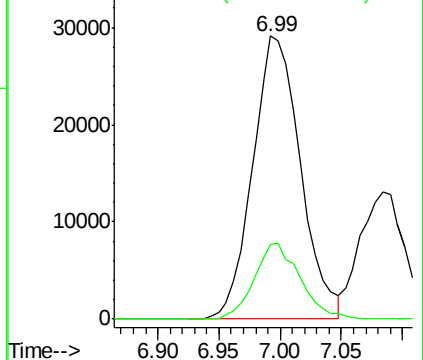
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 21.542 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002096.D

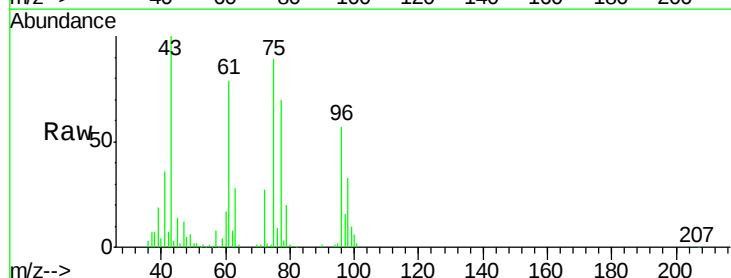
Acq: 27 Mar 2020 11:49

Tgt Ion: 77 Resp: 59936

Ion Ratio Lower Upper

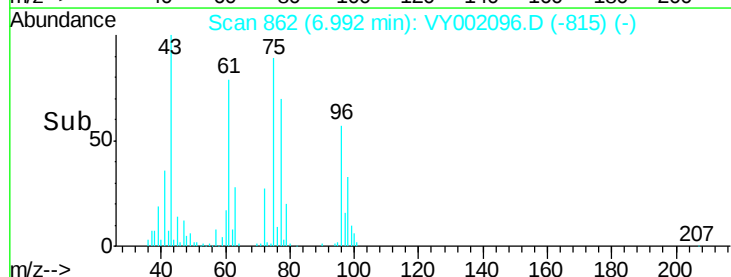
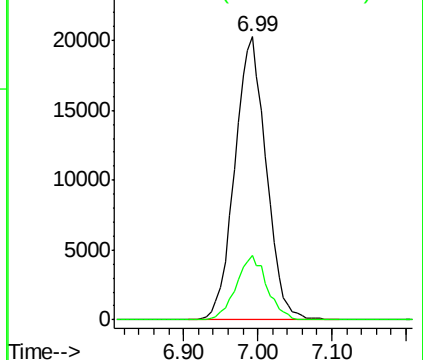
77 100

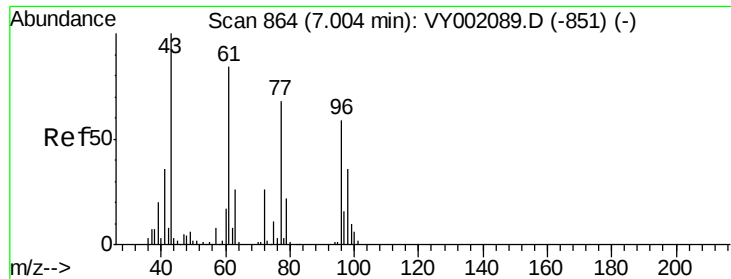
97 22.2 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





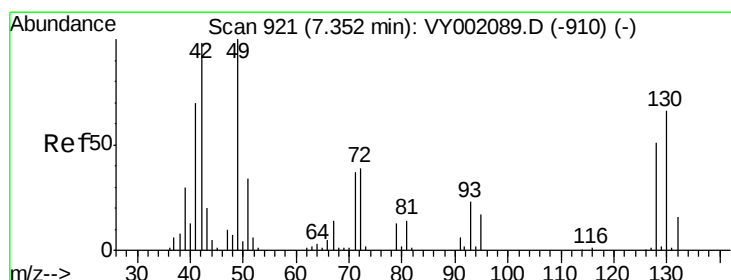
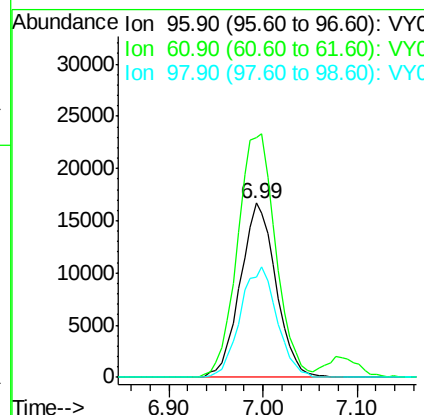
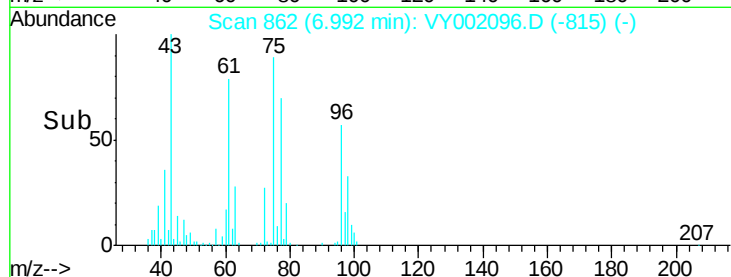
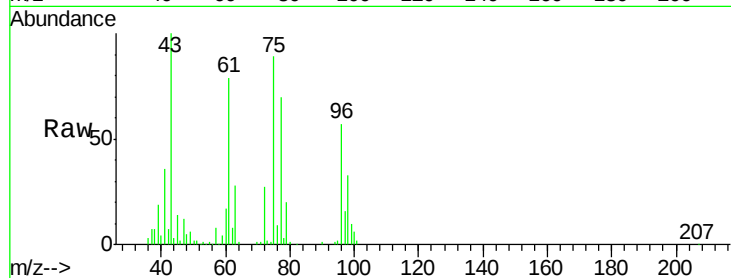
#27
 cis-1,2-Dichloroethene
 Concen: 20.770 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	290.6
98	65.3	0.0	128.0

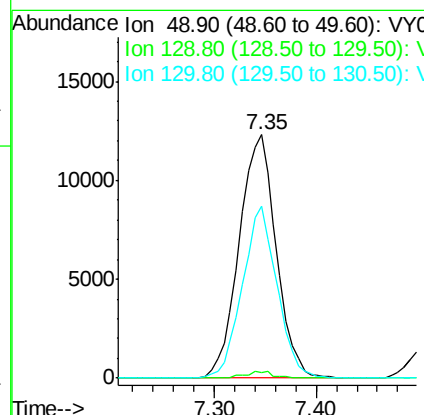
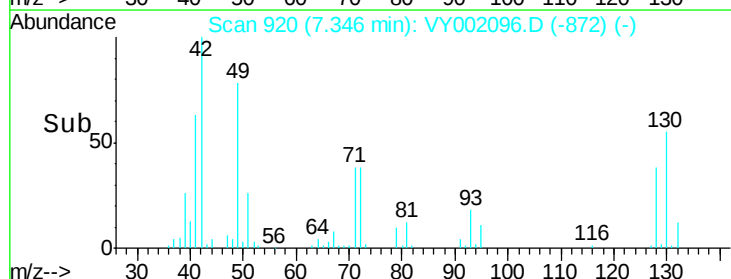
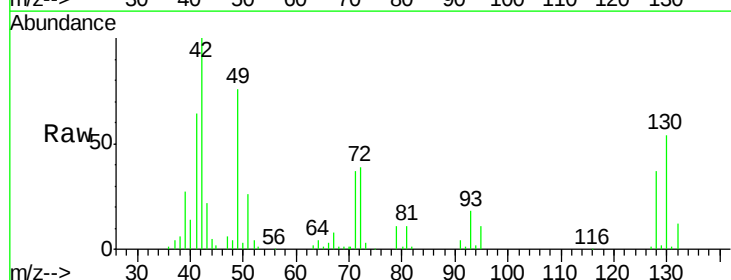
Manual Integrations
 APPROVED

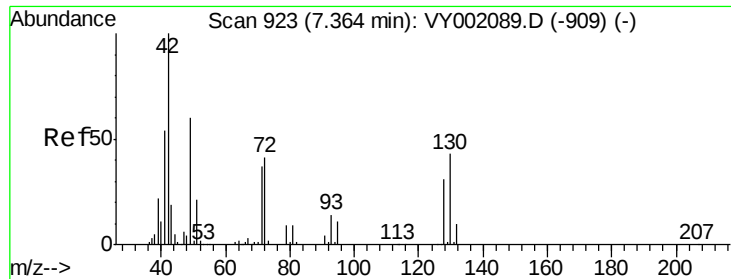
apatel
 3/30/2020 1:10:12 PM



#28
 Bromochloromethane
 Concen: 20.081 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	66.0	54.1	81.1





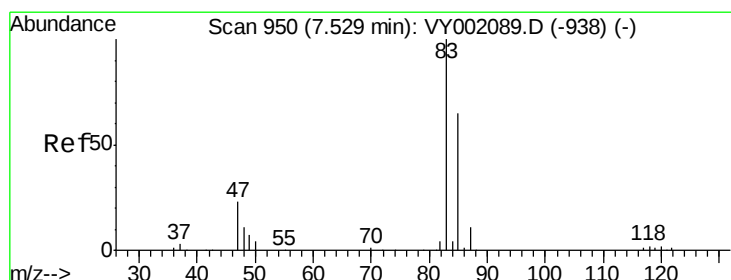
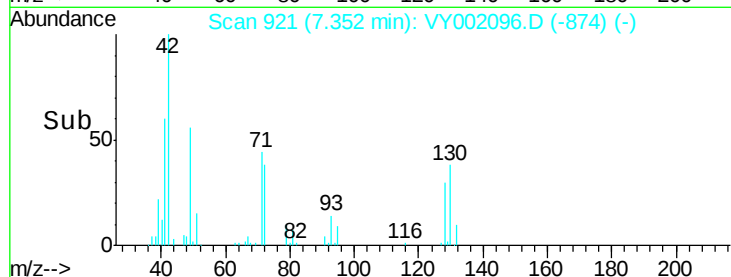
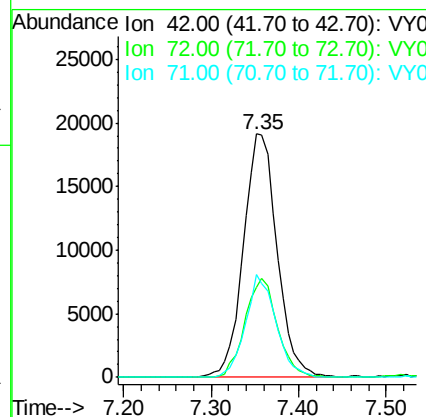
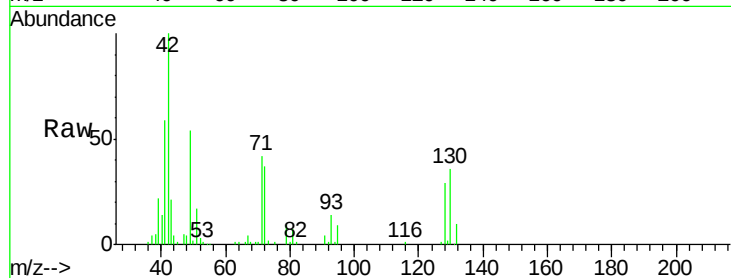
#29
Tetrahydrofuran
Concen: 104.654 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion:	42	Resp:	51145
Ion	Ratio	Lower	Upper
42	100		
72	39.6	33.0	49.4
71	38.2	31.2	46.8

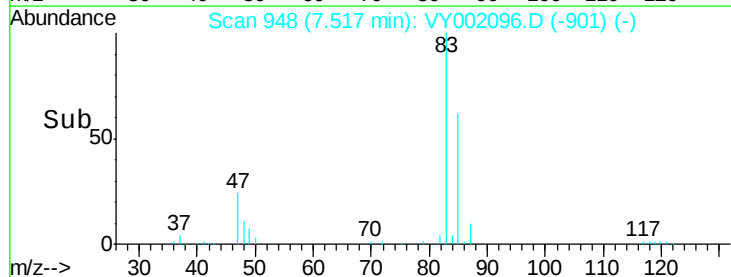
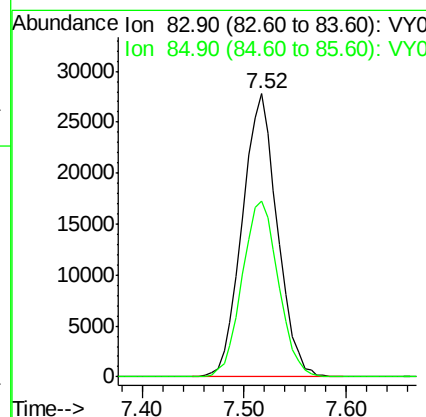
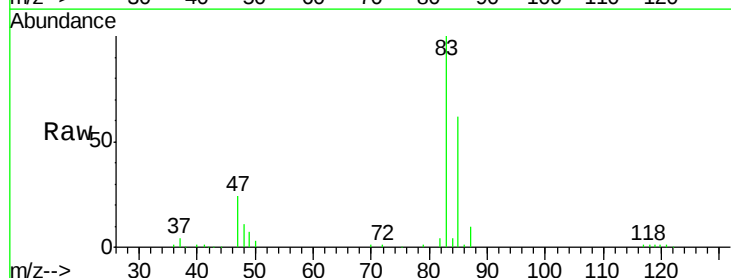
Manual Integrations
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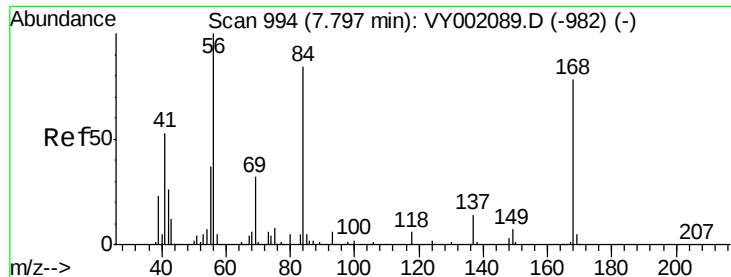
apatel
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#30
Chloroform
Concen: 20.713 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion:	83	Resp:	66326
Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.4	78.6





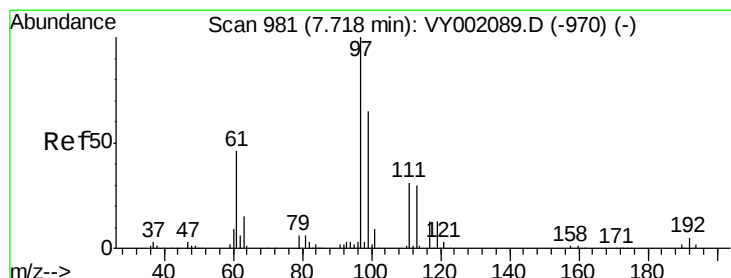
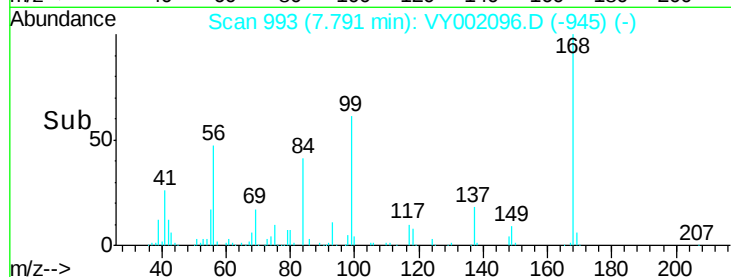
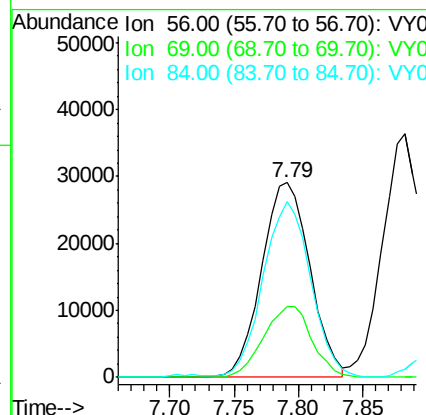
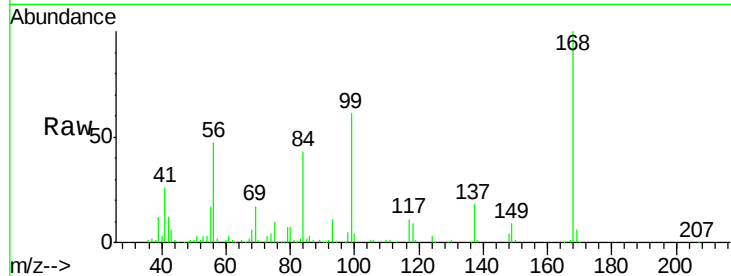
#31
Cvclohexane
Concen: 21.057 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.5	25.8	38.8
84	88.9	67.1	100.7

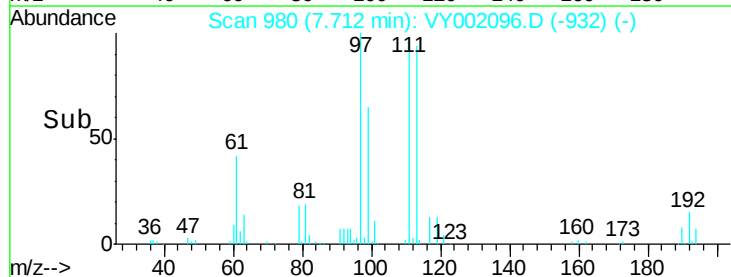
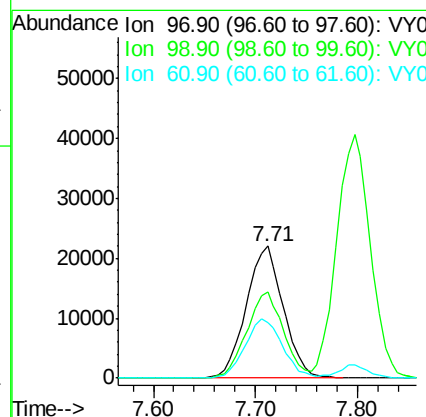
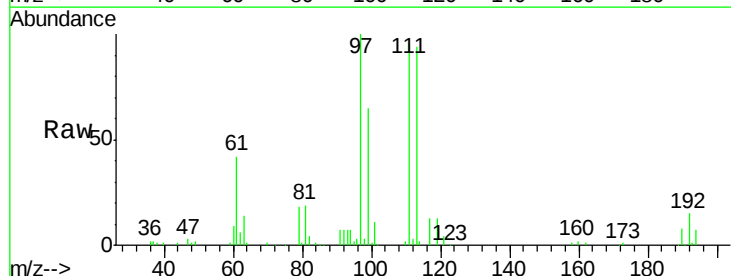
Manual Integrations
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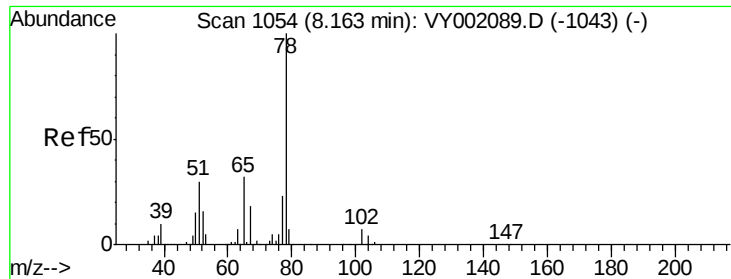
apatel
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#32
1,1,1-Trichloroethane
Concen: 20.814 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.0	78.0
61	45.0	35.7	53.5





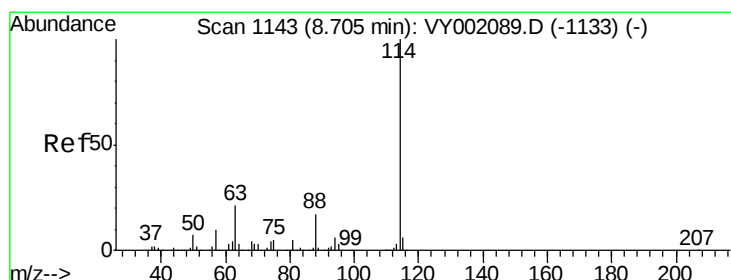
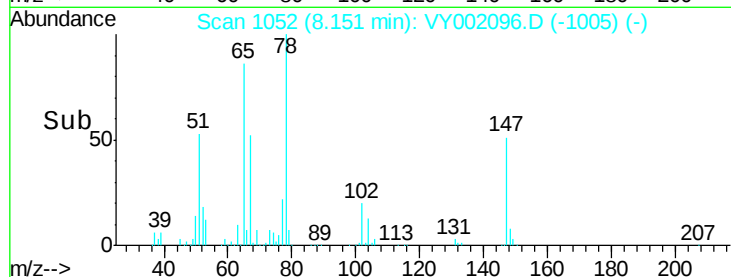
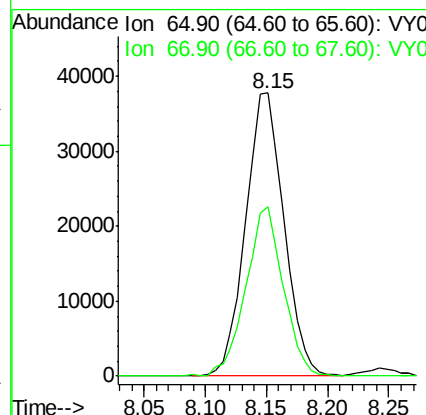
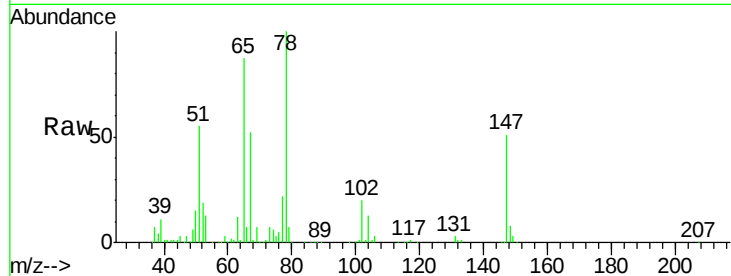
#33
 1,2-Dichloroethane-d4
 Concen: 47.830 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion: 65 Resp: 82643
 Ion Ratio Lower Upper
 65 100
 67 58.2 0.0 112.8

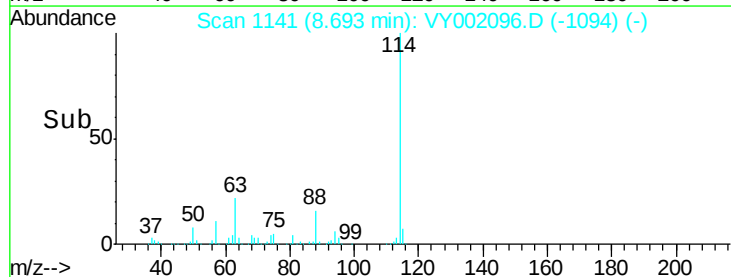
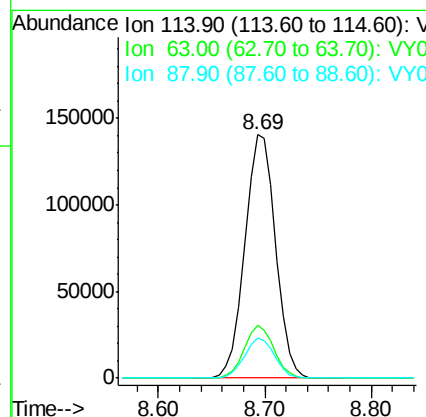
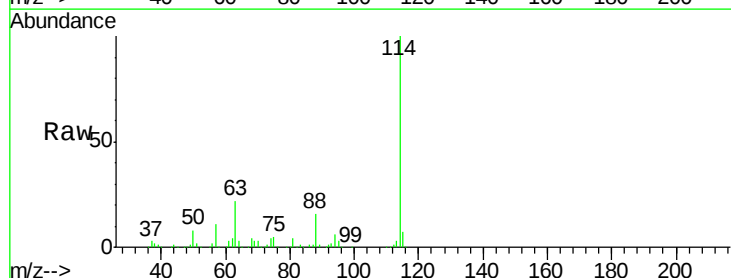
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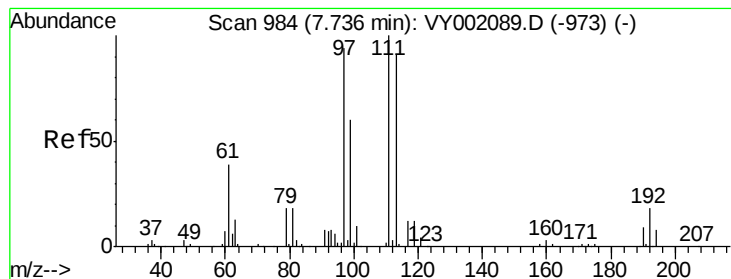
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion: 114 Resp: 284489
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.4
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.427 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

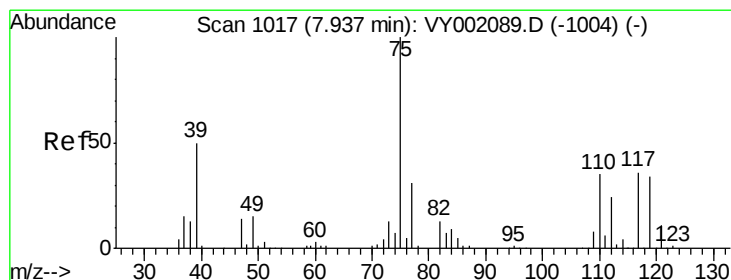
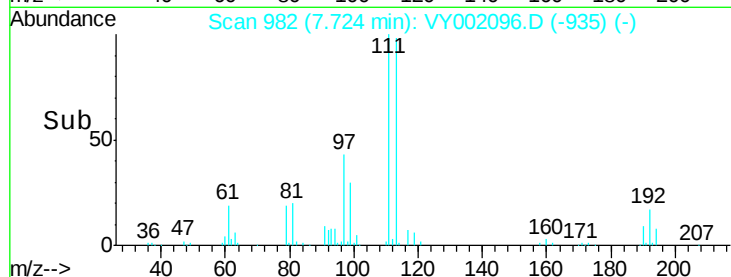
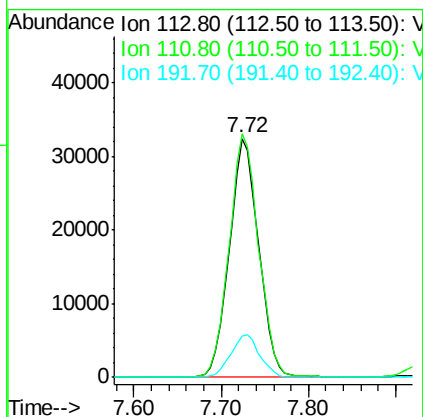
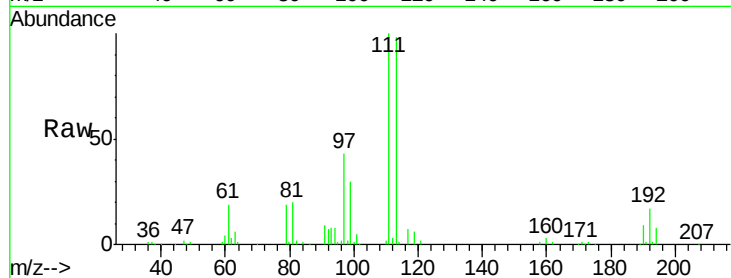
ClientSampleId :

VY0327SBS01

Tot Ion:	113	Resp:	75601
Ion Ratio	Lower	Upper	
113	100		
111	102.9	84.4	126.6
192	17.7	14.6	21.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.980 ug/l

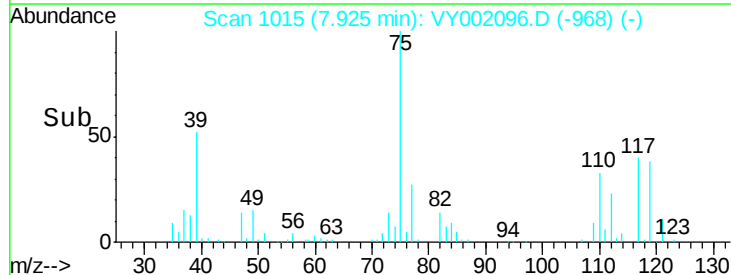
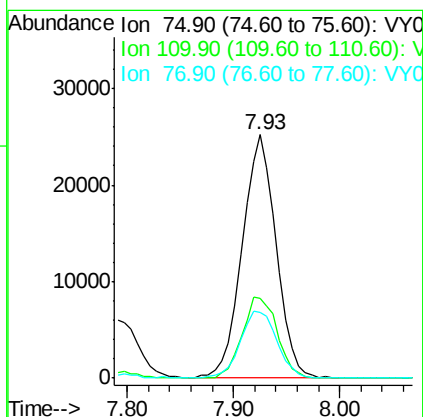
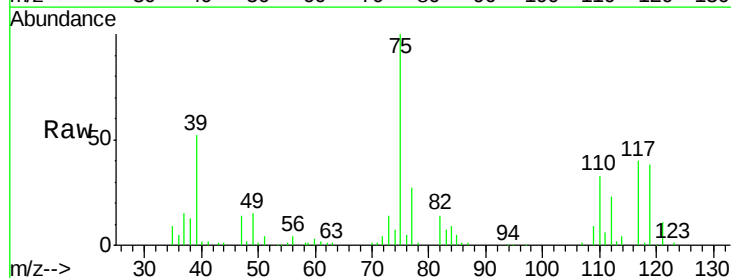
RT: 7.93 min Scan# 1015

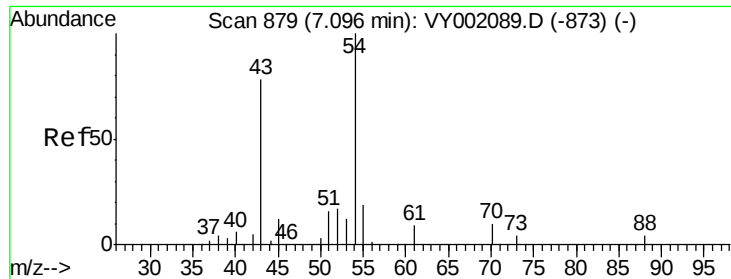
Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Tgt Ion:	75	Resp:	56455
Ion Ratio	Lower	Upper	
75	100		
110	34.2	17.2	51.6
77	29.8	24.7	37.1





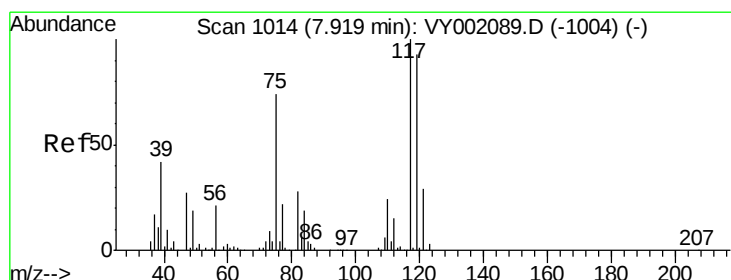
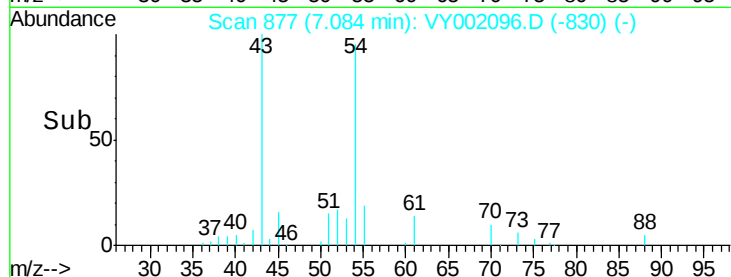
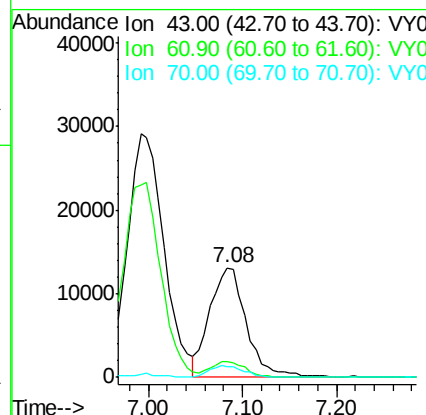
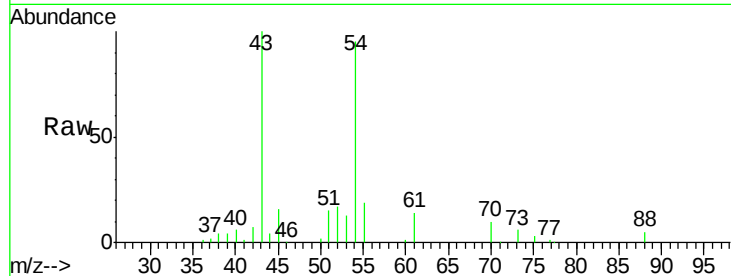
#37
Ethyl Acetate
Concen: 21.486 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.2	16.8
70	10.3	8.2	12.4

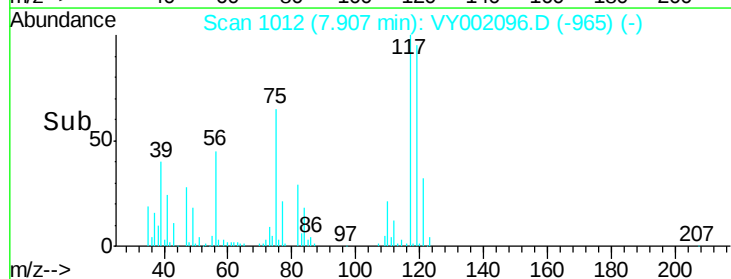
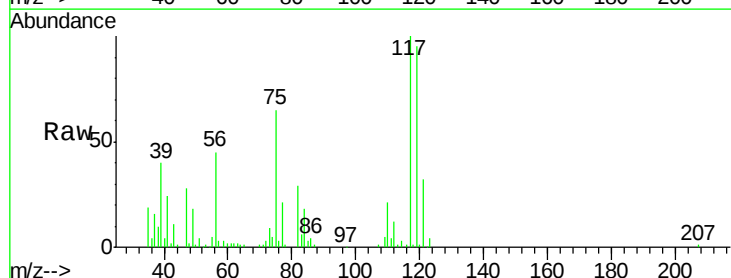
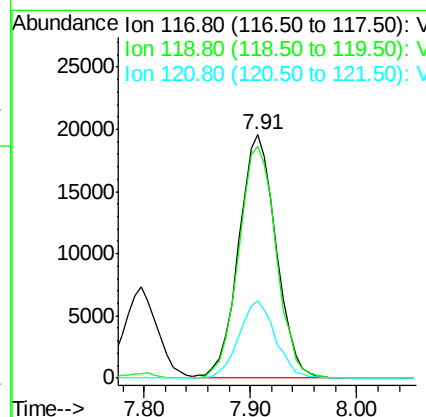
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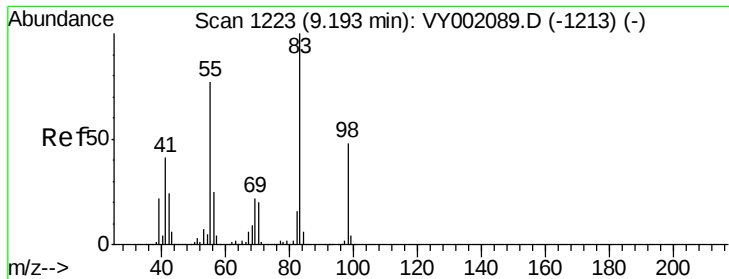
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#38
Carbon Tetrachloride
Concen: 21.069 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.3	111.5
121	31.7	23.3	34.9





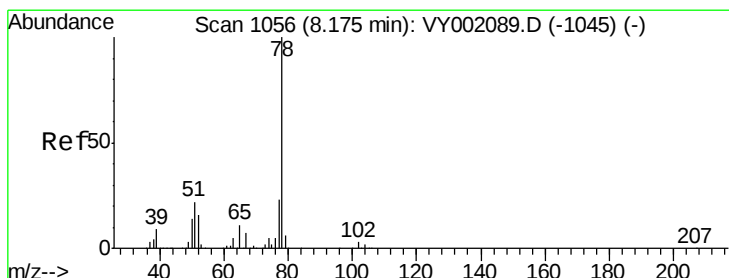
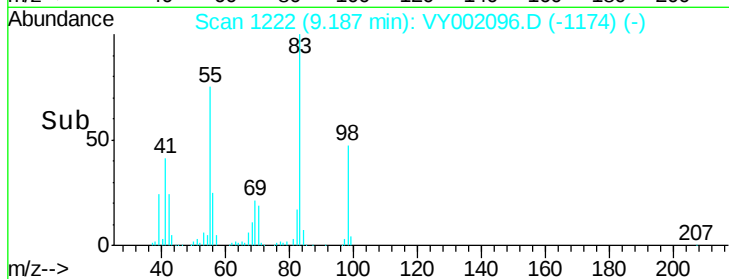
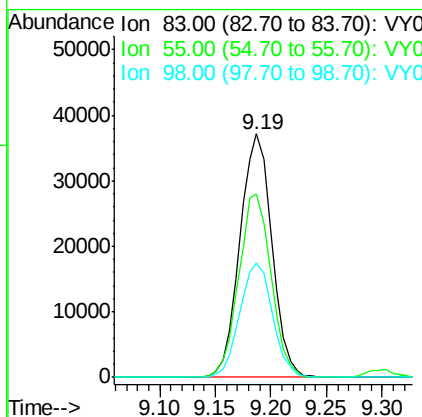
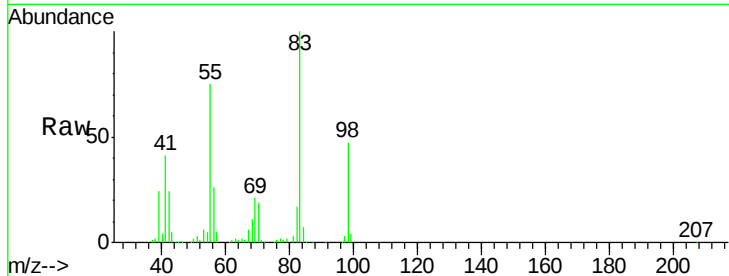
#39
Methvlcvclohexane
Concen: 21.019 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	61.2	91.8
98	47.1	38.2	57.2

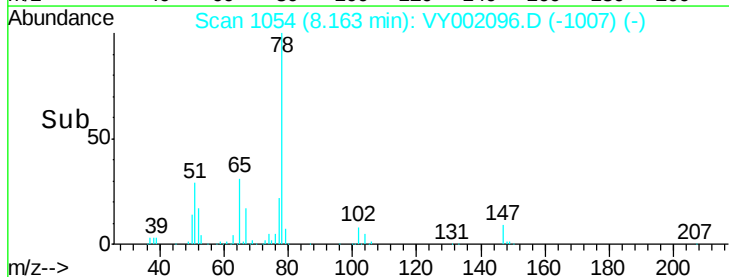
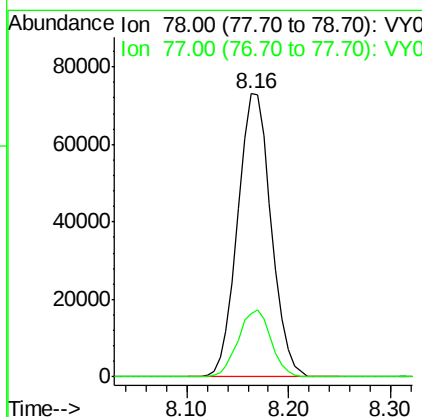
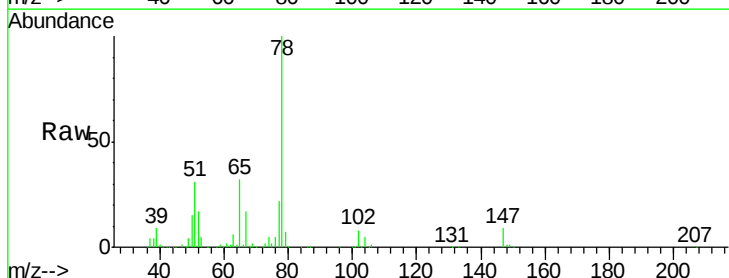
Manual Integrations
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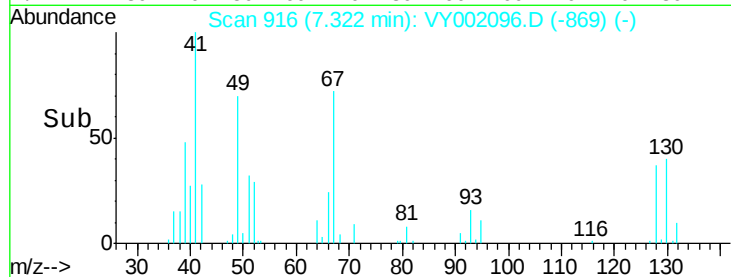
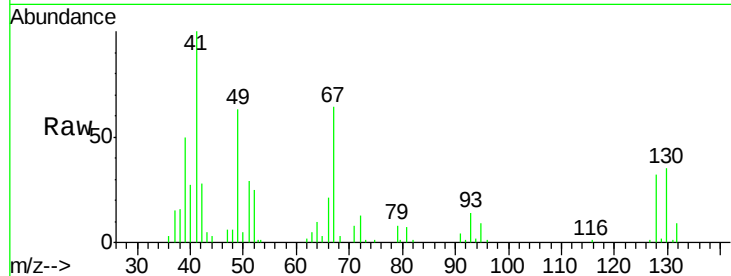
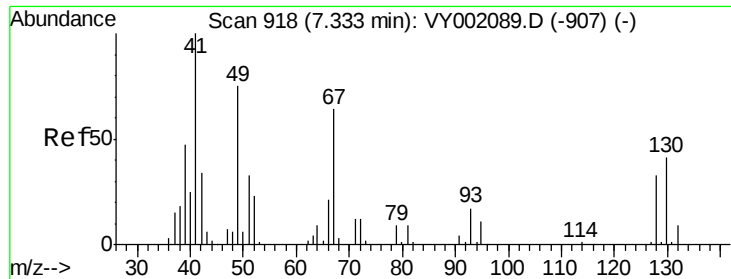
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#40
Benzene
Concen: 20.916 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.2	27.4





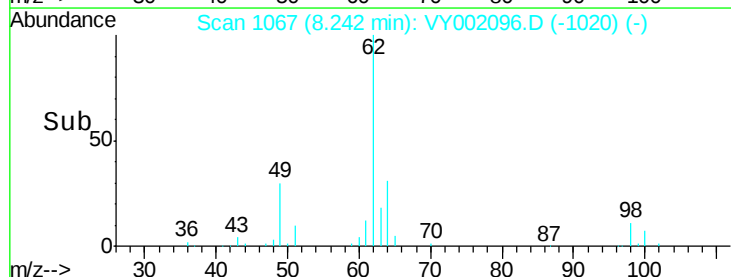
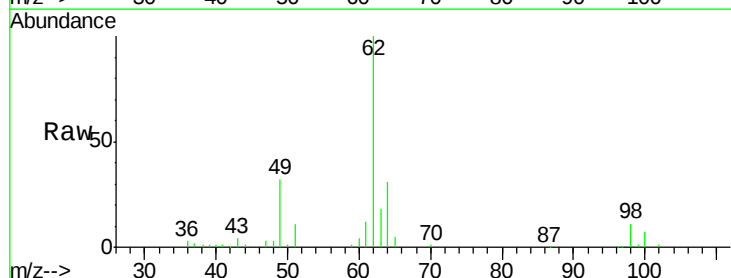
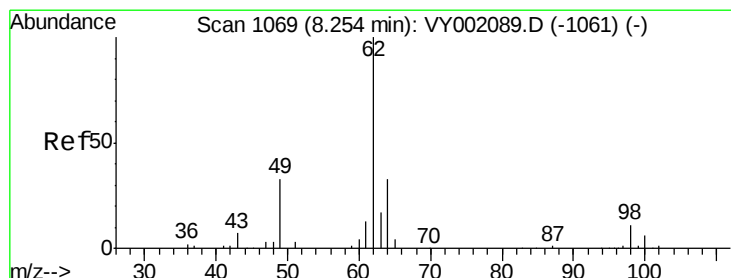
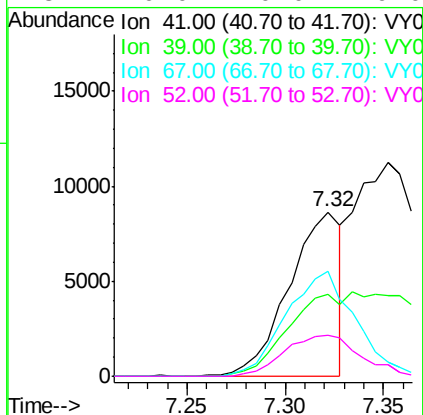
#41
Methacrylonitrile
Concen: 19.546 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tot Ion	41	Resp:	16077
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

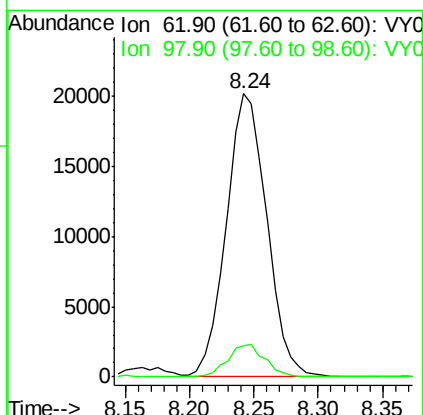
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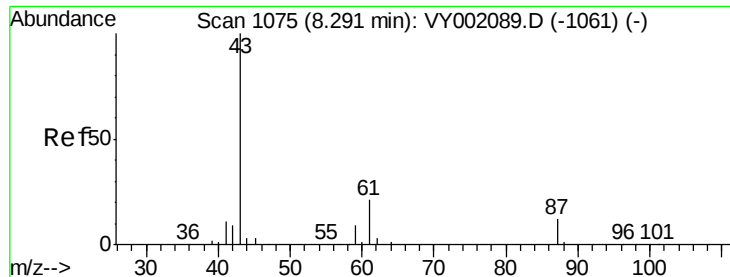
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#42
1,2-Dichloroethane
Concen: 20.872 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion	62	Resp:	44168
Ion Ratio	Lower	Upper	
62	100		
98	10.5	0.0	21.2





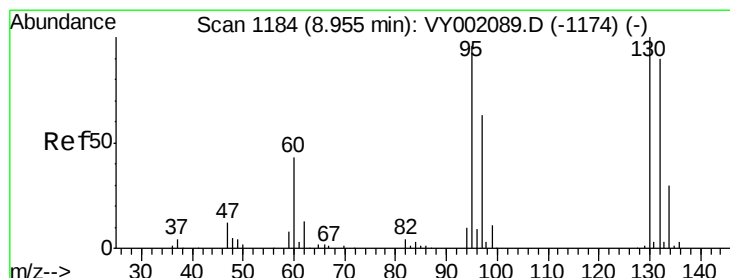
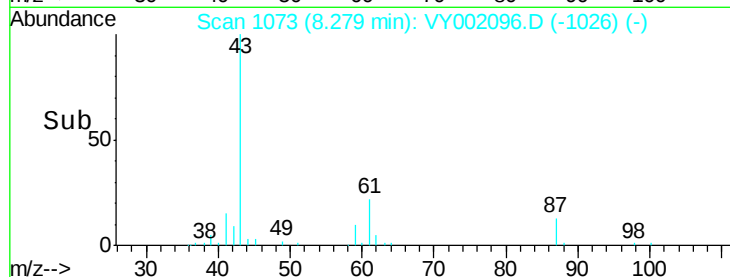
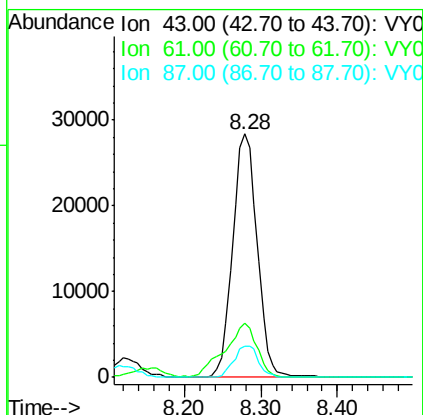
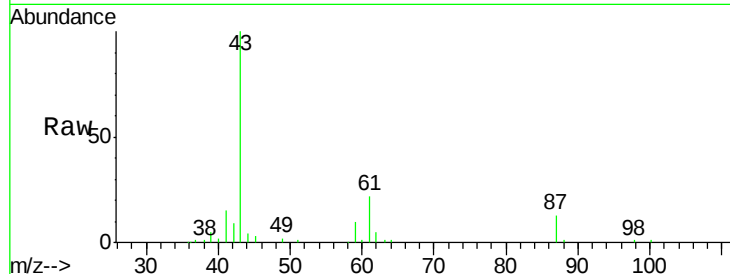
#43
Isopropyl Acetate
Concen: 20.901 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.1	23.4	35.2
87	12.9	10.2	15.4

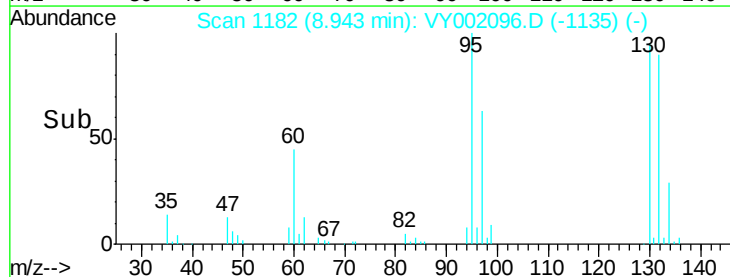
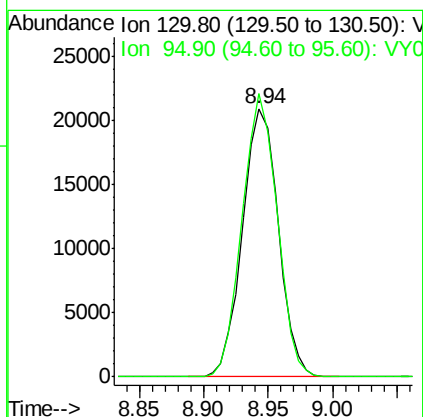
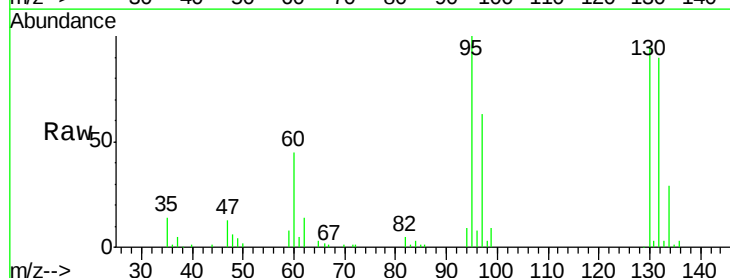
Manual Integrations
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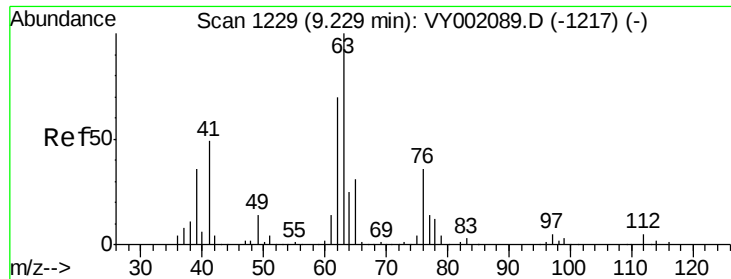
apatel
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#44
Trichloroethene
Concen: 21.068 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	193.0





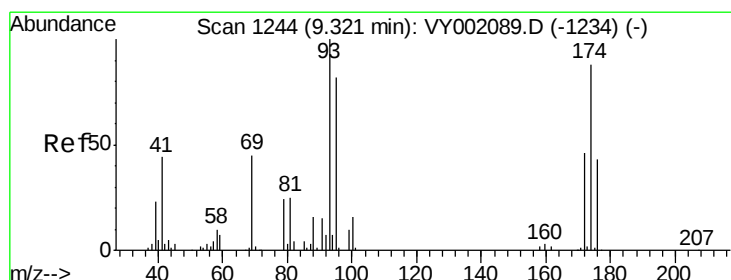
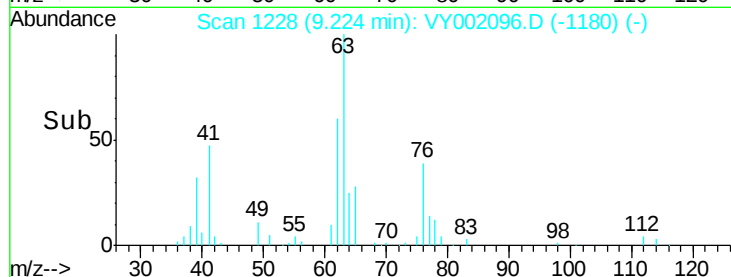
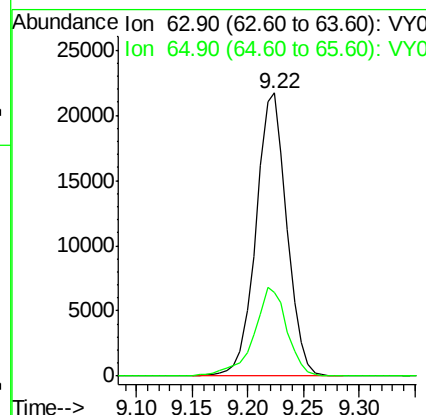
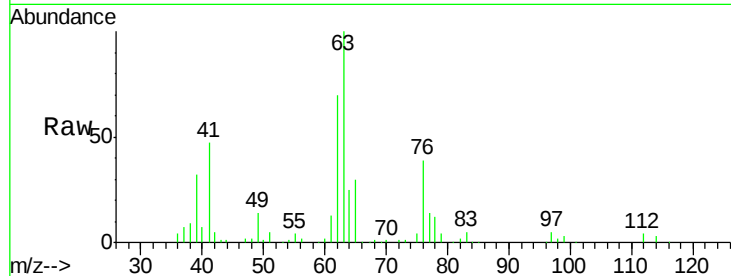
#45
 1,2-Dichloropropane
 Concen: 20.654 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion: 63 Resp: 41917
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.6

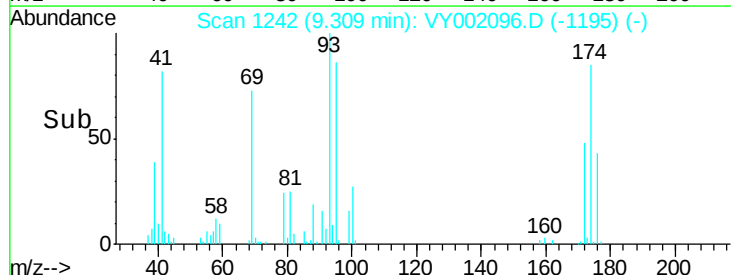
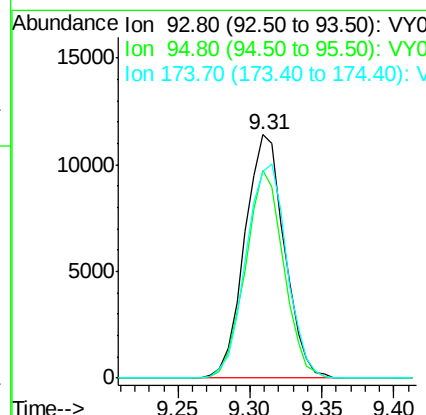
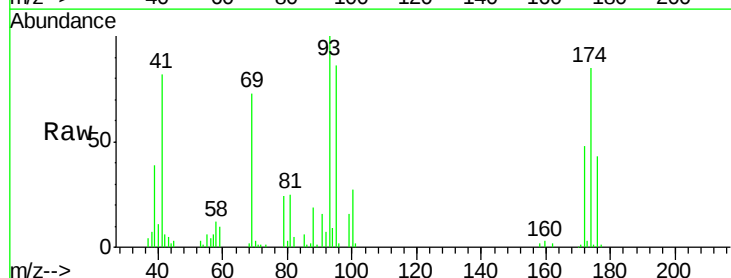
Manual Integrations
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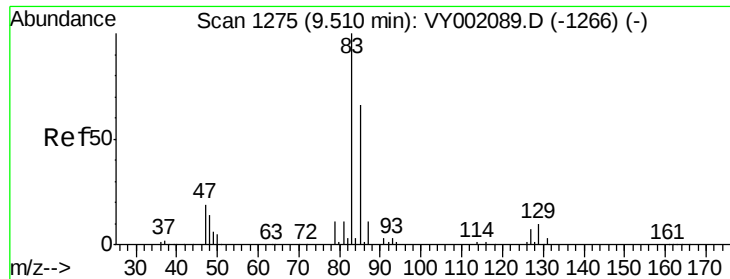
apatel
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#46
 Dibromomethane
 Concen: 20.859 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion: 93 Resp: 21741
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.0 99.0
 174 90.6 69.8 104.8





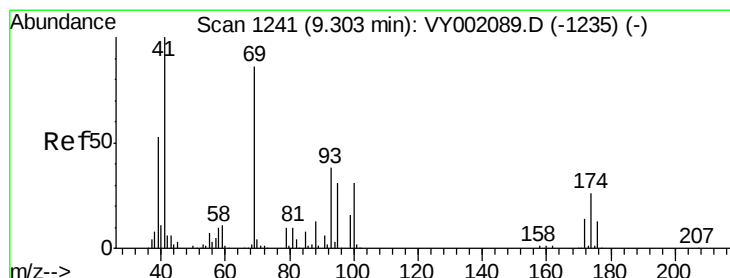
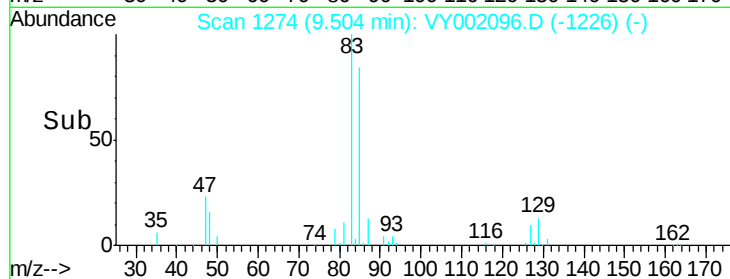
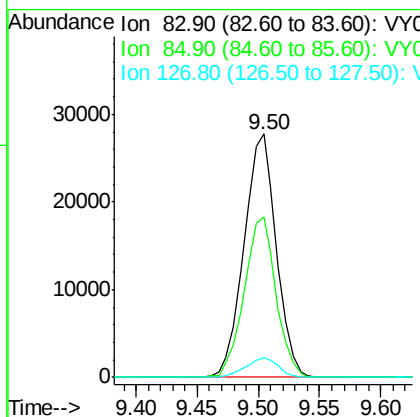
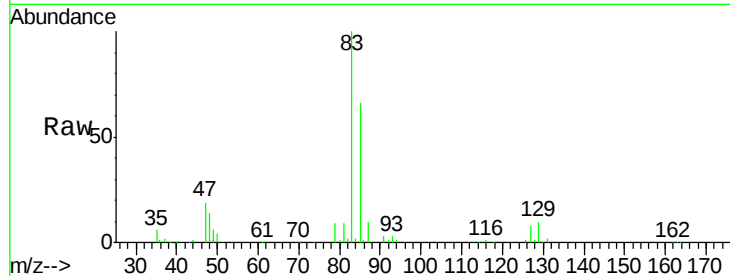
#47
Bromodichloromethane
Concen: 21.002 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	83	Resp	50958
Ion Ratio	100	Lower	Upper
83	100		
85	65.9	52.6	79.0
127	8.1	5.9	8.9

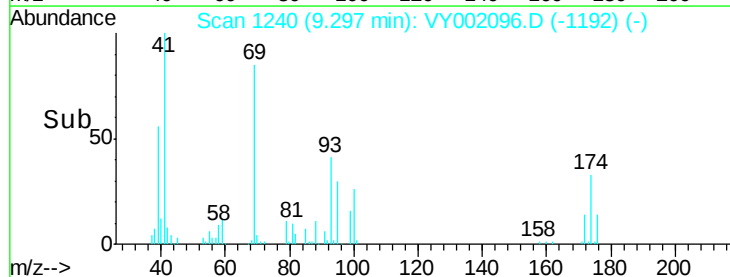
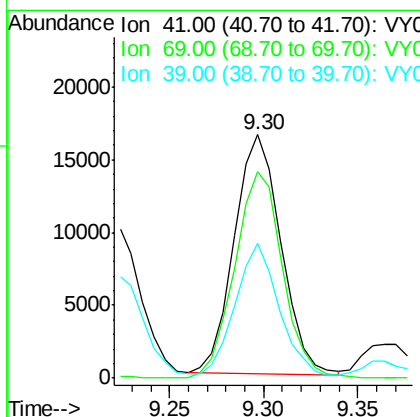
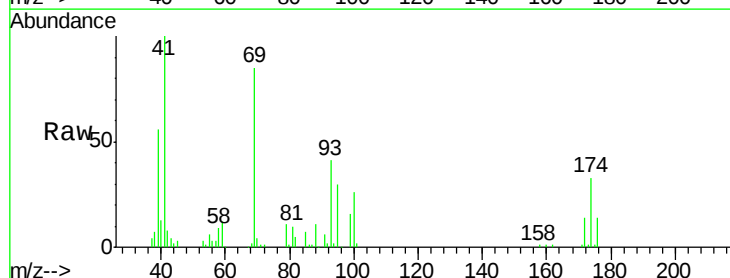
Manual Integrations
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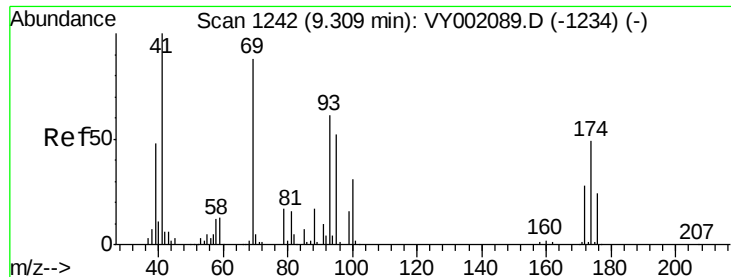
apatel
3/30/2020 1:10:12 PM



#48
Methyl methacrylate
Concen: 20.746 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion	41	Resp	28059
Ion Ratio	100	Lower	Upper
41	100		
69	88.7	71.4	107.0
39	51.8	41.0	61.4





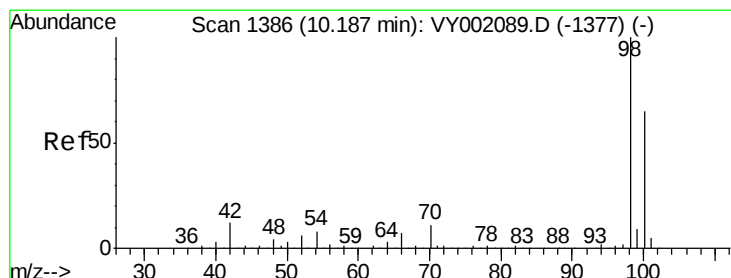
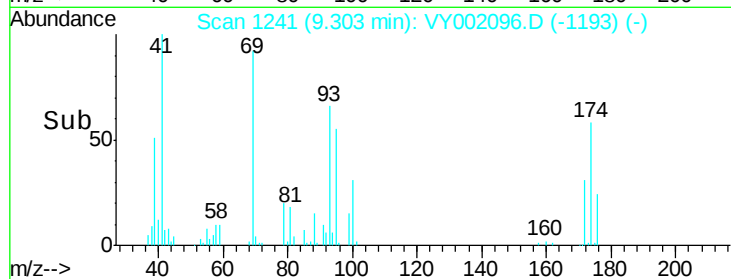
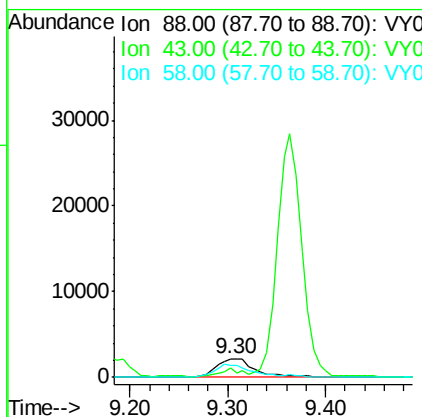
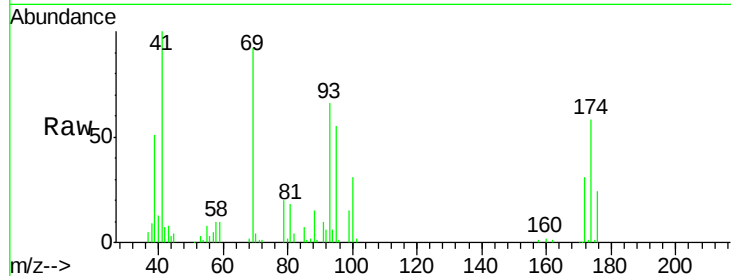
#49
1,4-Dioxane
Concen: 416.919 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	88	Resp	5963
Ion	Ratio	Lower	Upper
88	100		
43	24.8	27.2	40.8#
58	64.4	59.8	89.8

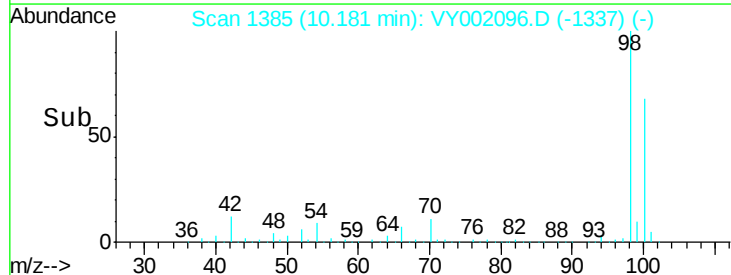
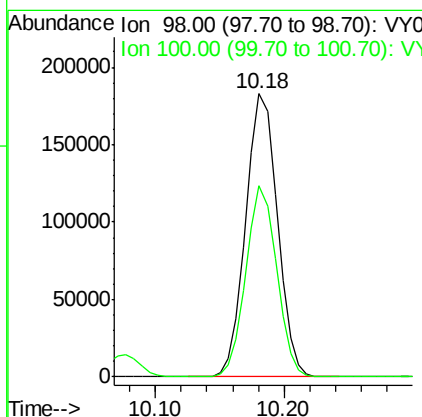
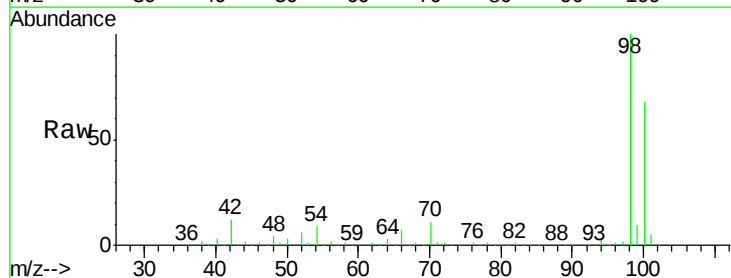
Manual Integrations
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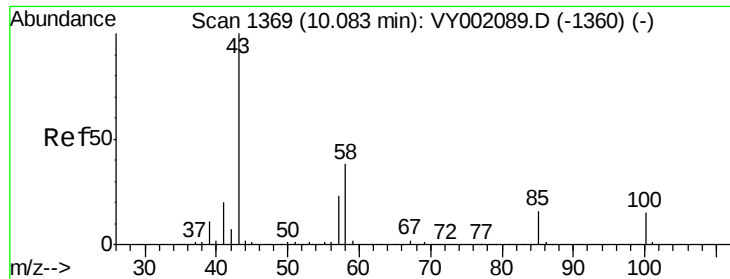
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#50
Toluene-d8
Concen: 46.974 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion	98	Resp	311063
Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 111.246 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tot Ion: 43 Resp: 172886

Ion Ratio Lower Upper

43 100

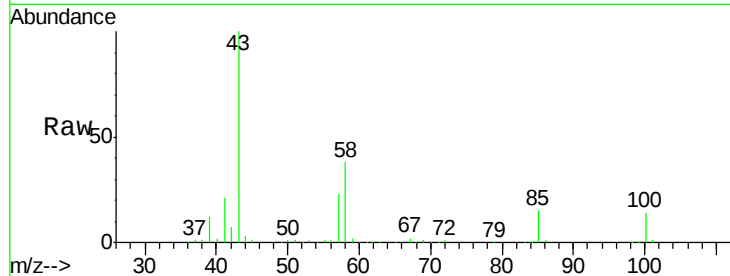
58 39.2 31.6 47.4

Manual Integrations

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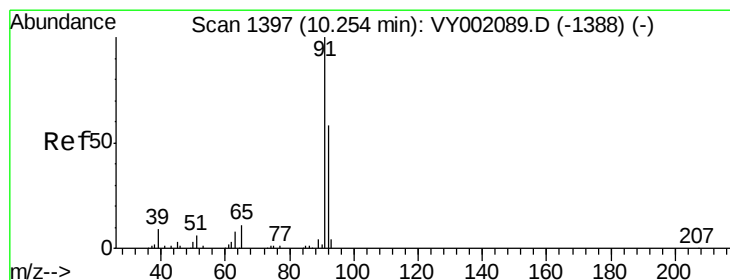
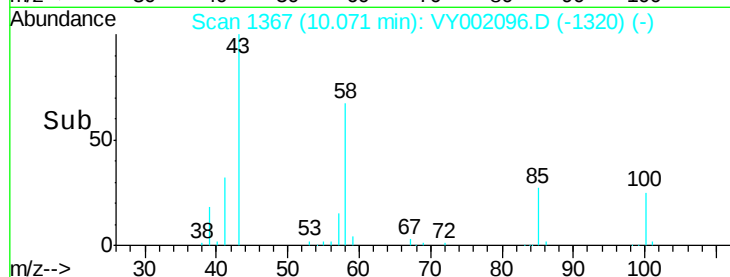
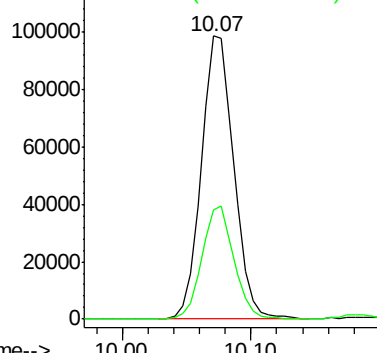
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.807 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002096.D

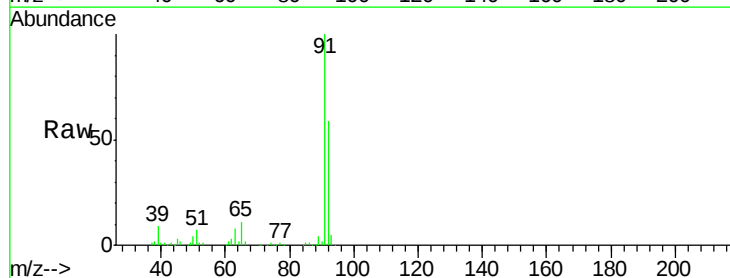
Acq: 27 Mar 2020 11:49

Tgt Ion: 92 Resp: 100309

Ion Ratio Lower Upper

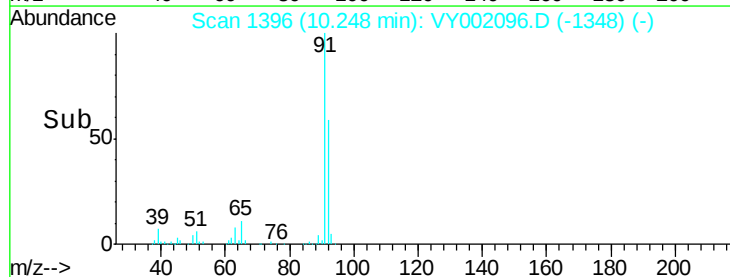
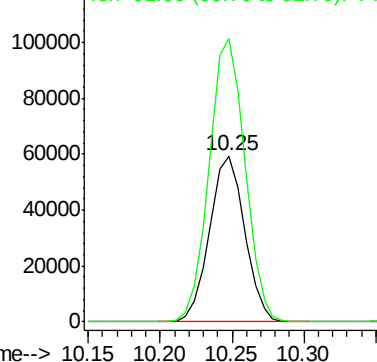
92 100

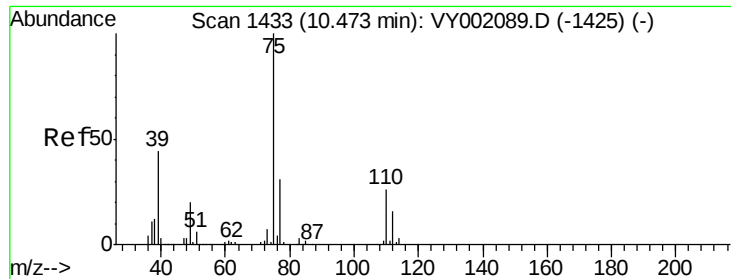
91 174.3 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





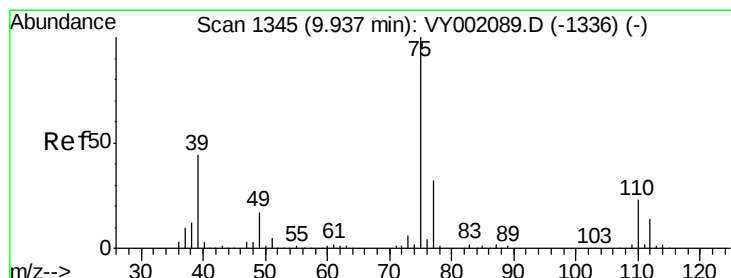
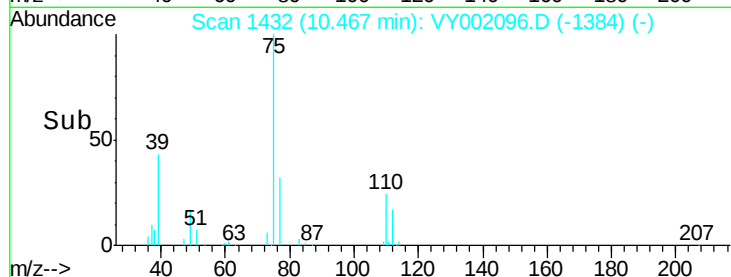
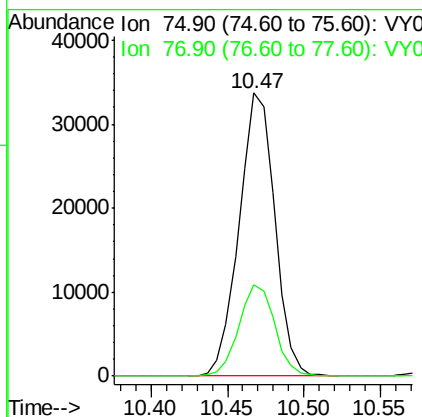
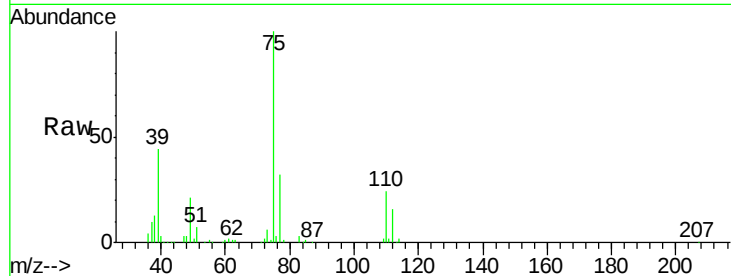
#53
t-1,3-Dichloropropene
Concen: 20.345 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion: 75 Resp: 54791
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8

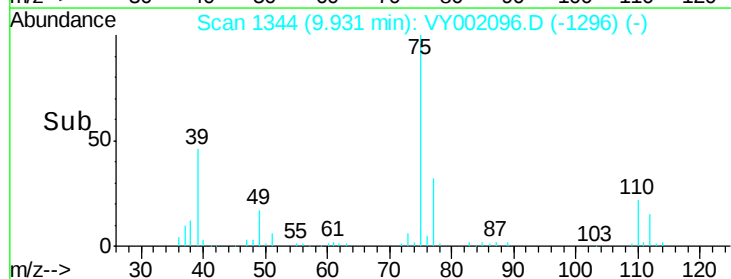
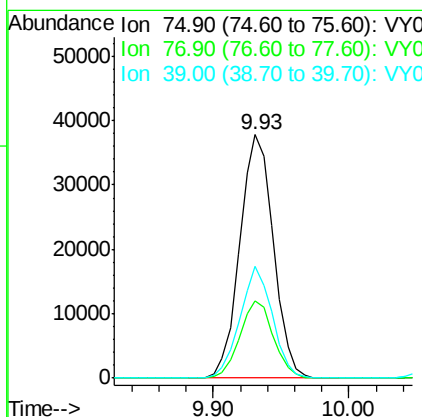
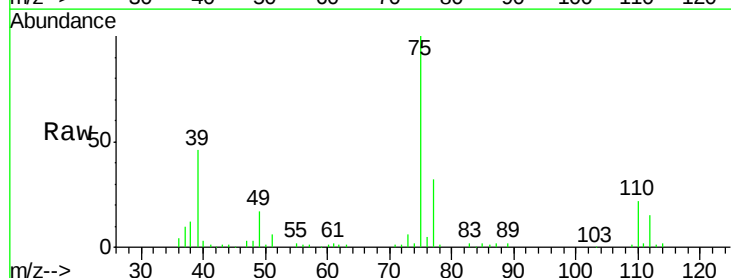
Manual Integrations
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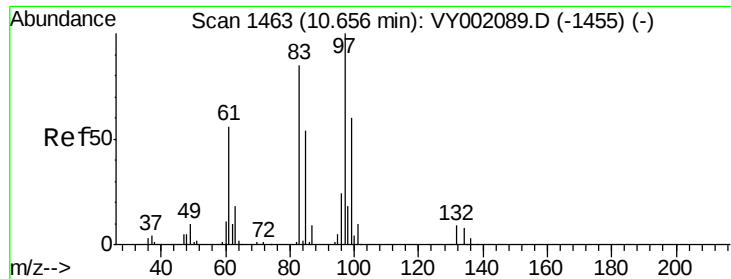
apatel
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#54
cis-1,3-Dichloropropene
Concen: 20.520 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion: 75 Resp: 65063
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 46.1 35.2 52.8





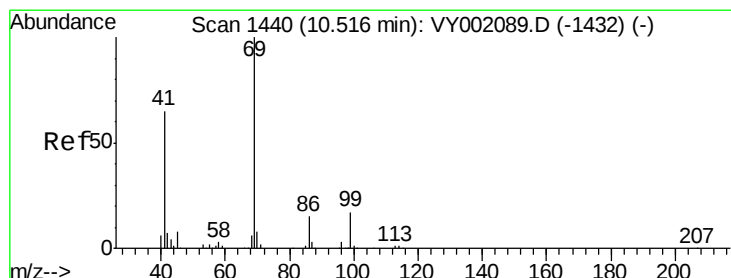
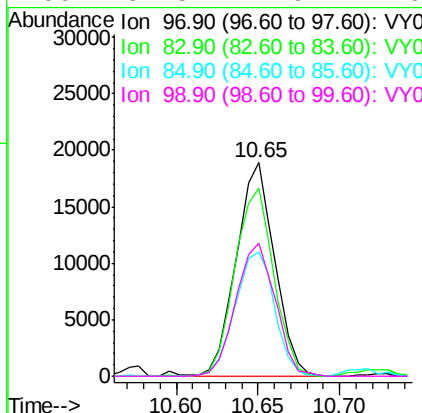
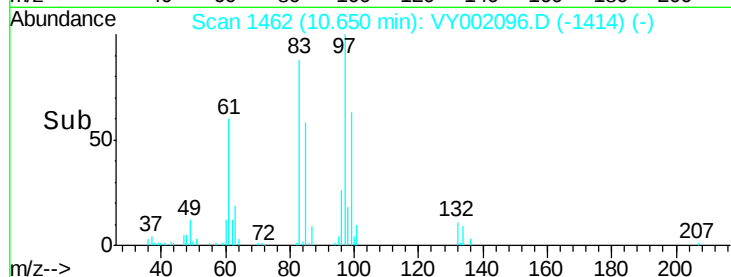
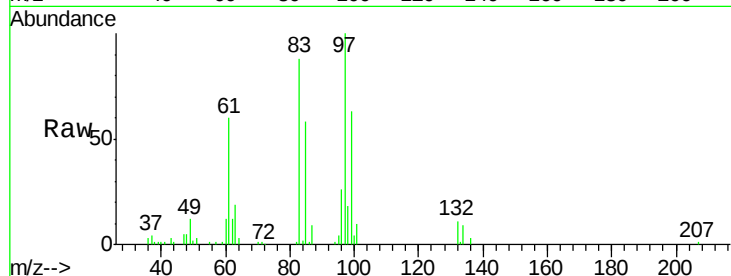
#55
 1,1,2-Trichloroethane
 Concen: 20.121 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.2	102.2
85	58.1	42.9	64.3
99	62.5	47.9	71.9

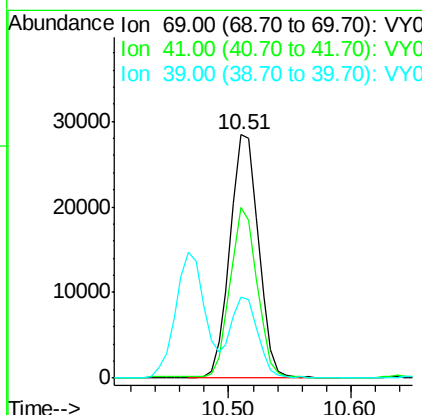
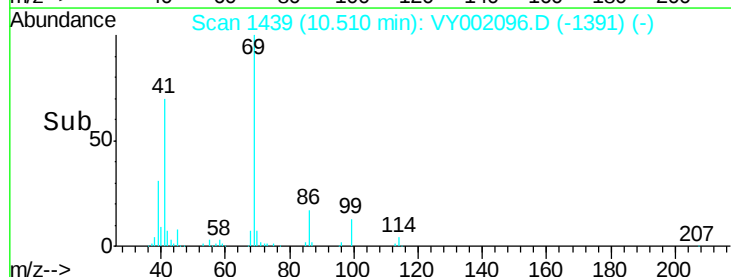
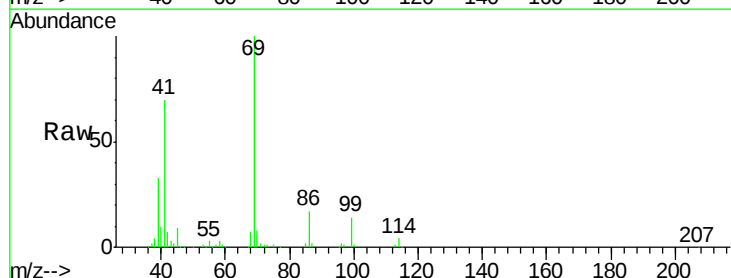
Manual Integrations
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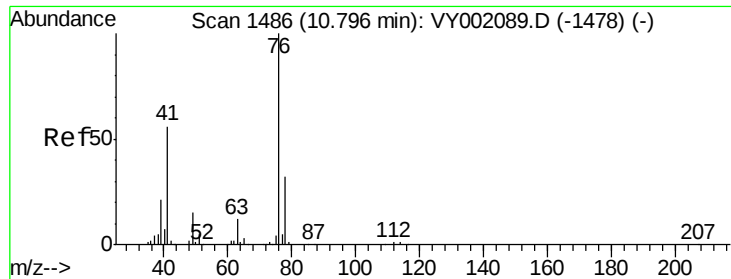
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#56
 Ethyl methacrylate
 Concen: 20.371 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.7	52.8	79.2
39	32.4	25.0	37.6





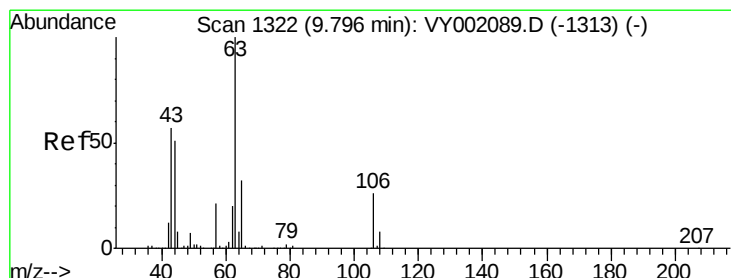
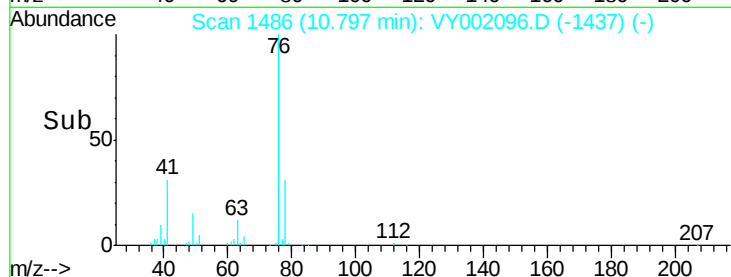
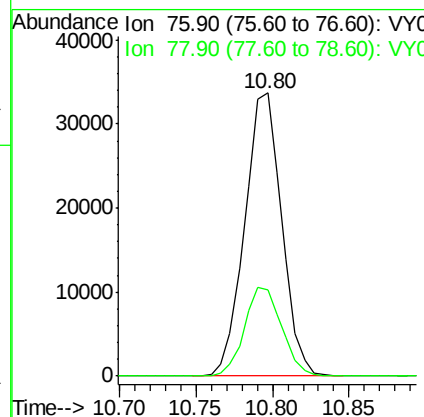
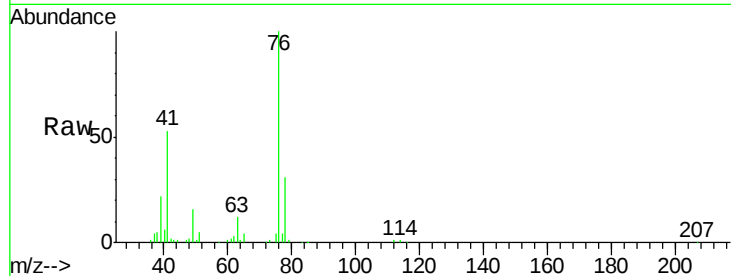
#57
 1,3-Dichloropropane
 Concen: 20.774 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	26.1	39.1

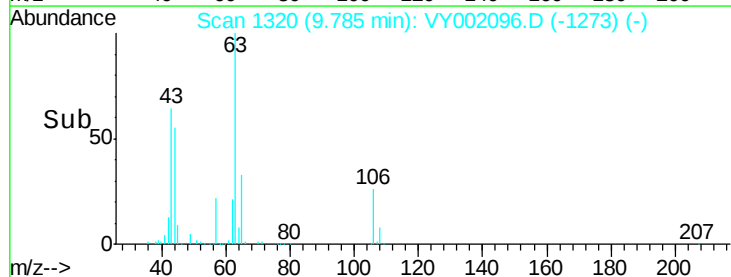
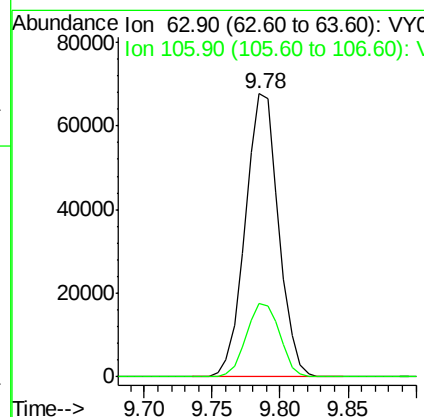
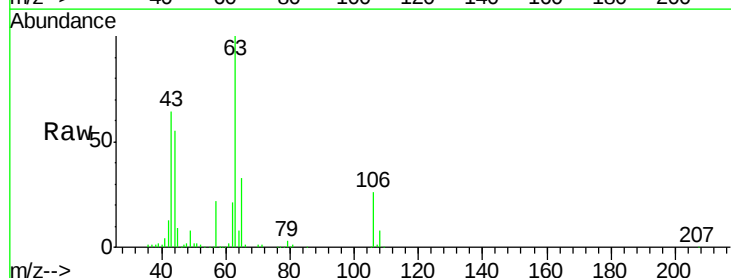
Manual Integrations
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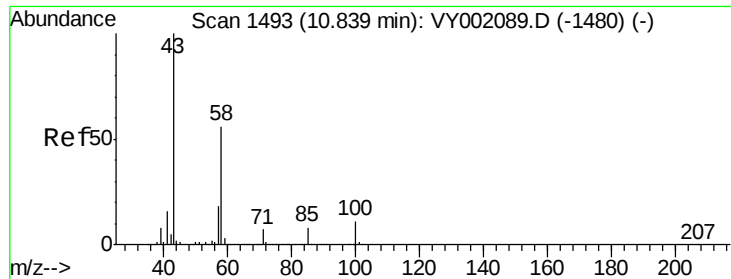
apatel
 3/30/2020 1:10:12 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.892 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.4	21.0	31.4





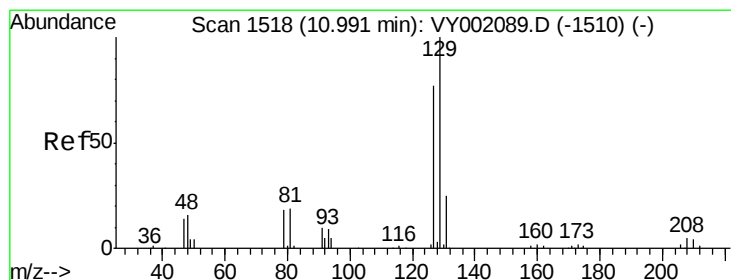
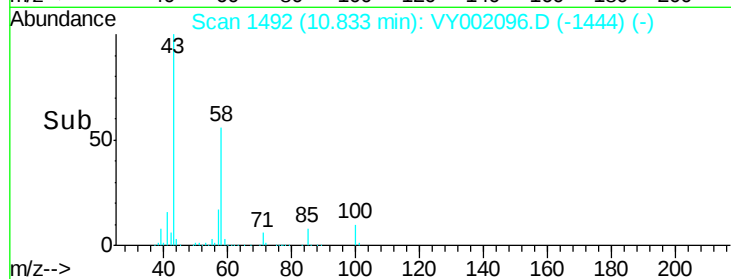
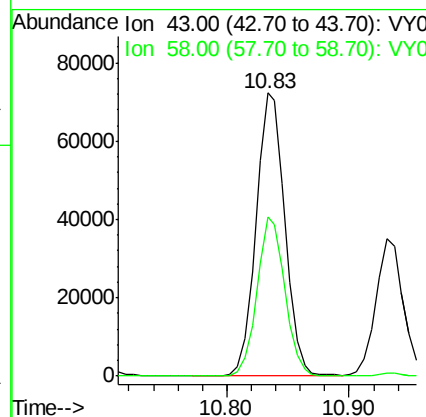
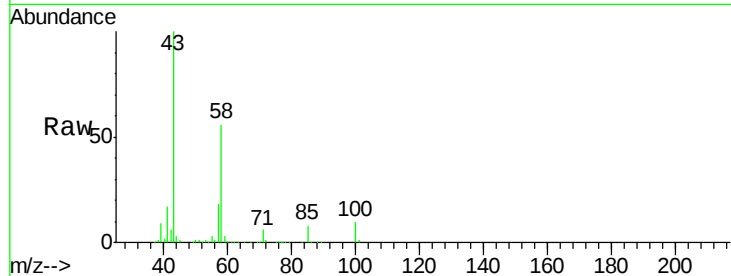
#59
2-Hexanone
Concen: 108.178 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	43	Resp	118425
Ion Ratio	43	100	
Lower	58	54.5	27.9
Upper			83.6

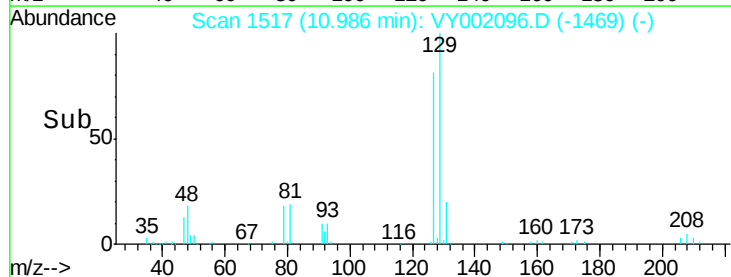
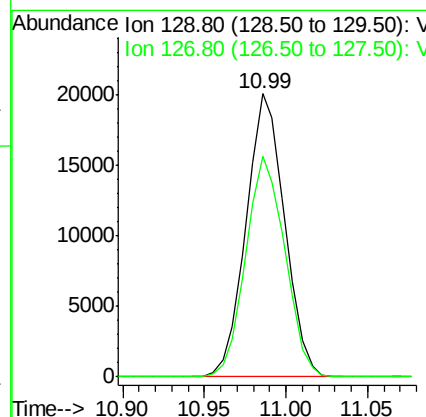
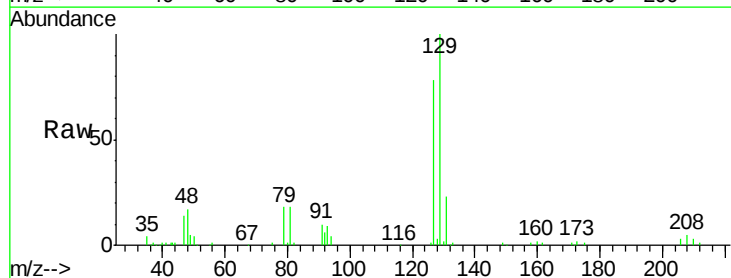
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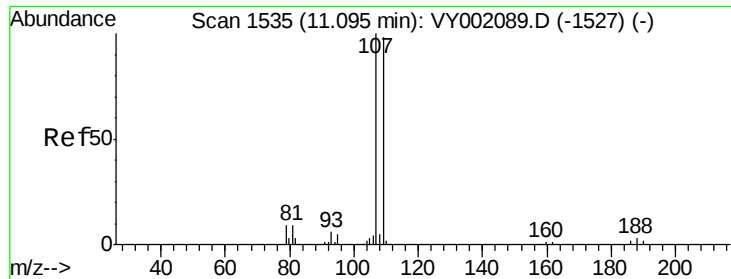
apatel
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#60
Dibromochloromethane
Concen: 20.445 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion	129	Resp	33002
Ion Ratio	129	100	
Lower	127	79.1	38.7
Upper			116.1





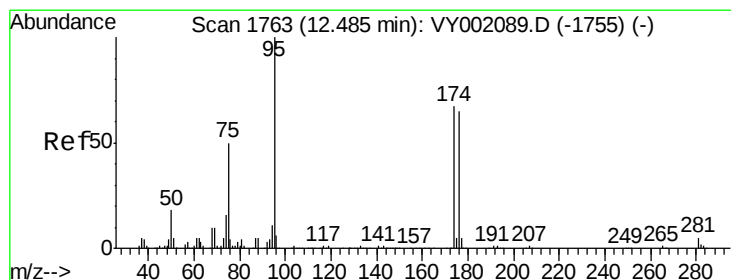
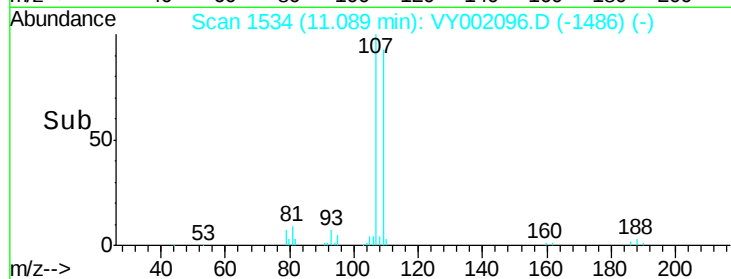
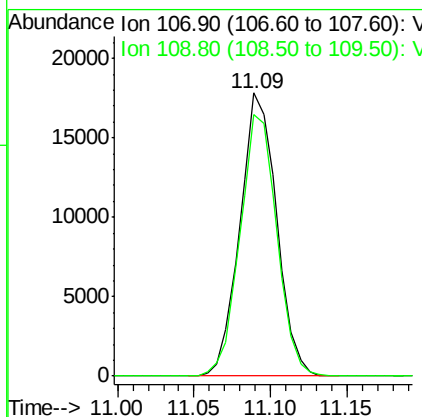
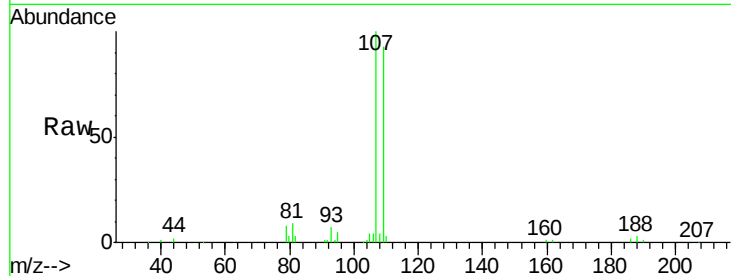
#61
 1,2-Dibromoethane
 Concen: 20.566 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	76.3	114.5

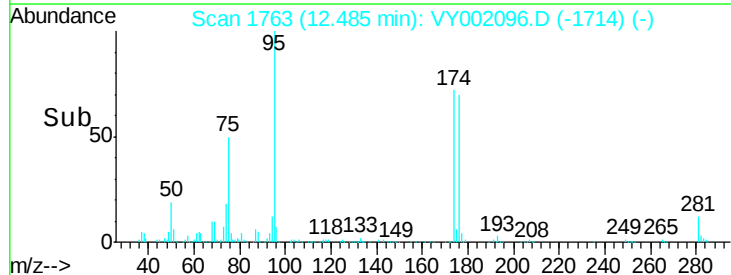
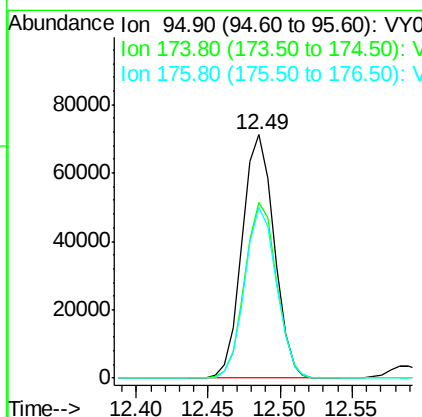
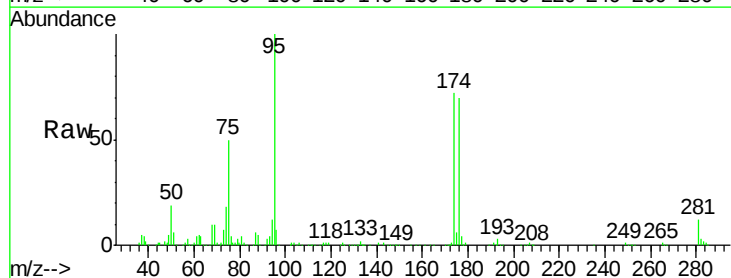
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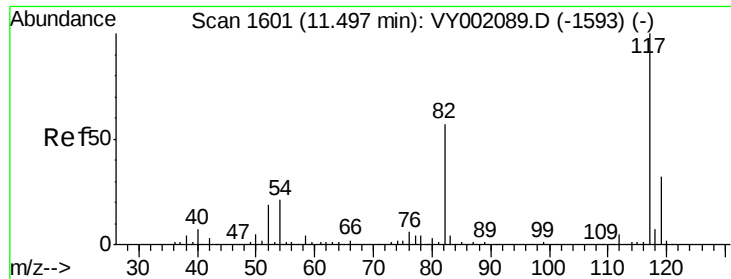
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#62
 4-Bromofluorobenzene
 Concen: 47.399 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	143.4
176	69.4	0.0	137.0





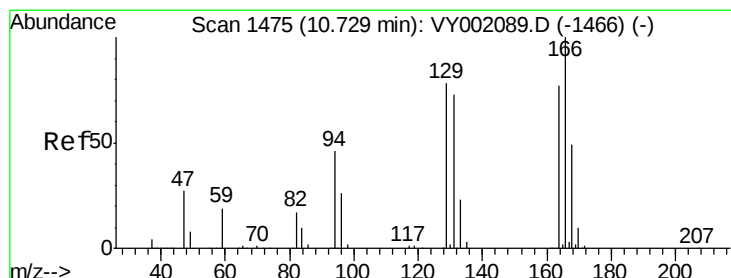
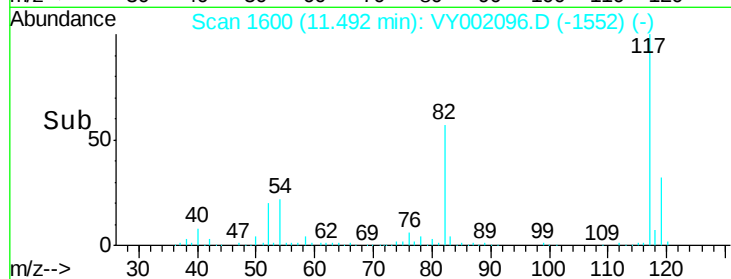
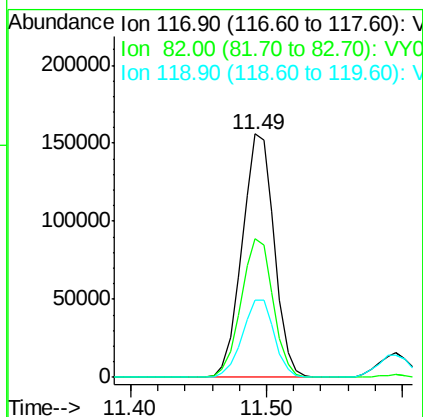
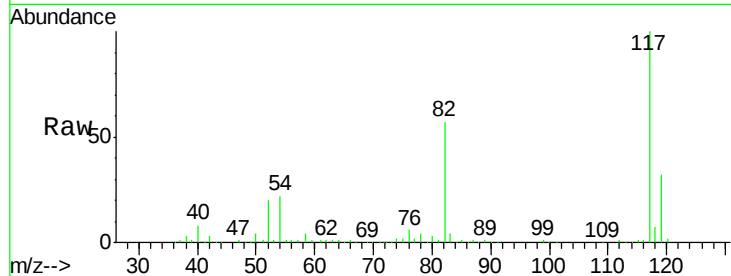
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	256388		
82	57.1	45.4	68.2	
119	31.7	25.3	37.9	

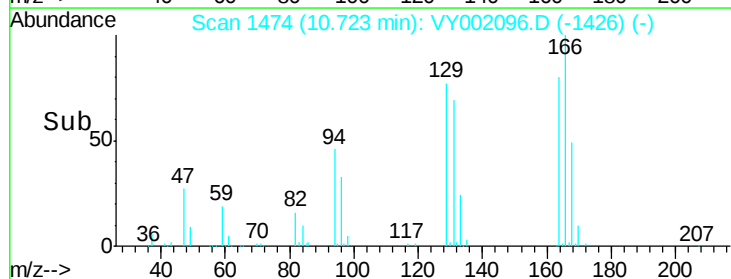
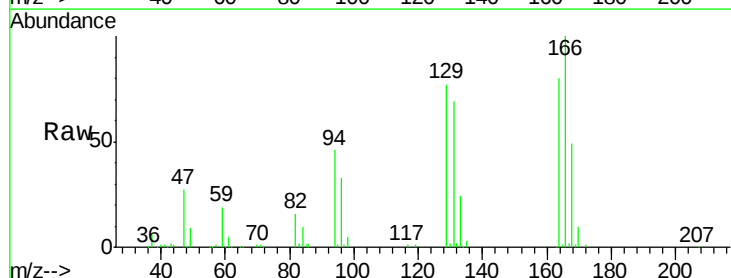
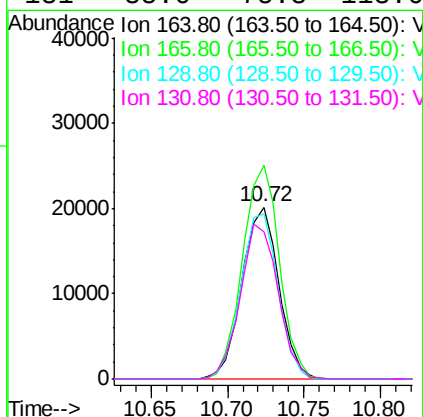
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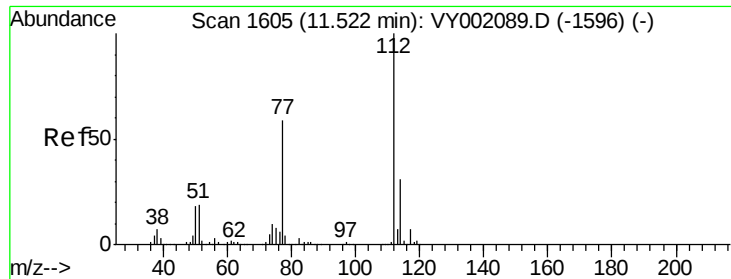
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#64
Tetrachloroethene
Concen: 21.663 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	33981		
166	124.3	104.0	156.0	
129	96.2	81.2	121.8	
131	85.6	75.8	113.6	





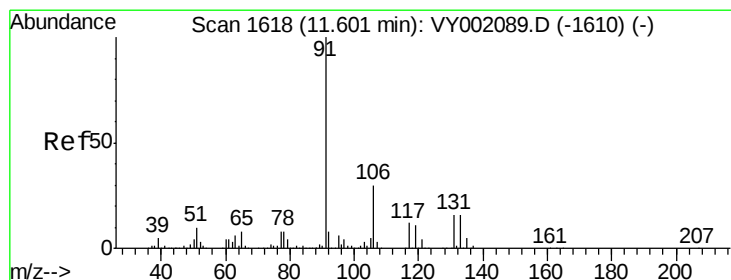
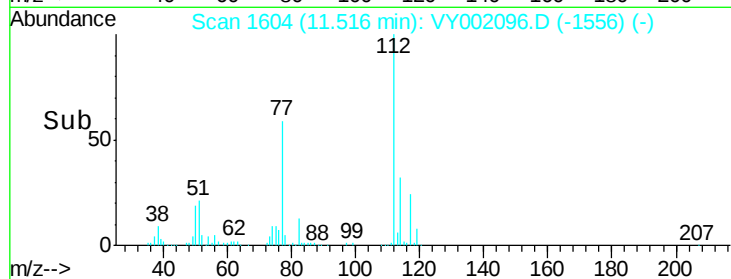
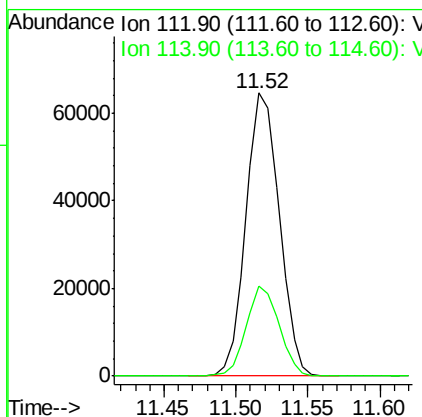
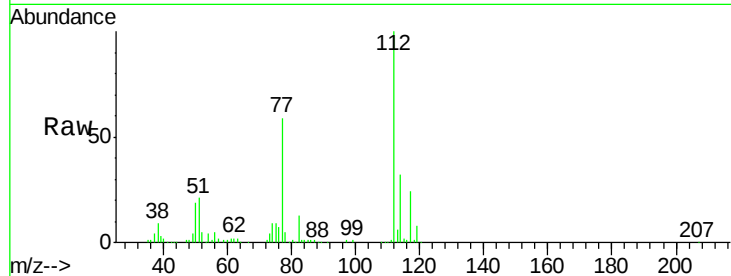
#65
Chlorobenzene
Concen: 20.953 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion:112 Resp: 103696
Ion Ratio Lower Upper
112 100
114 31.8 24.9 37.3

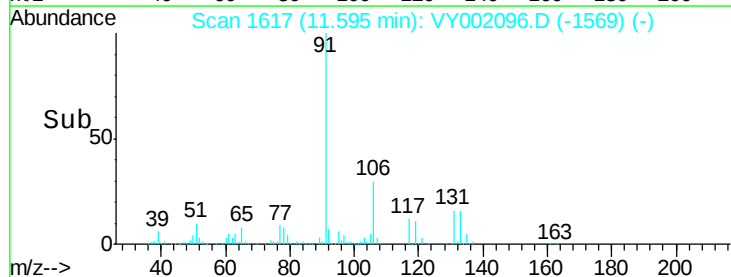
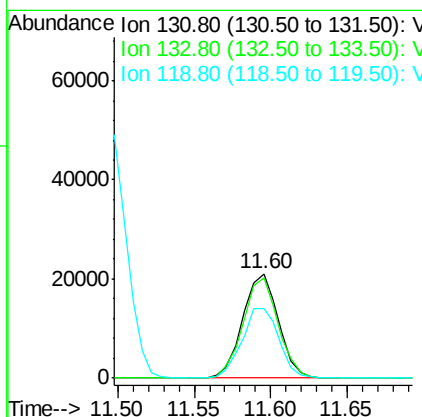
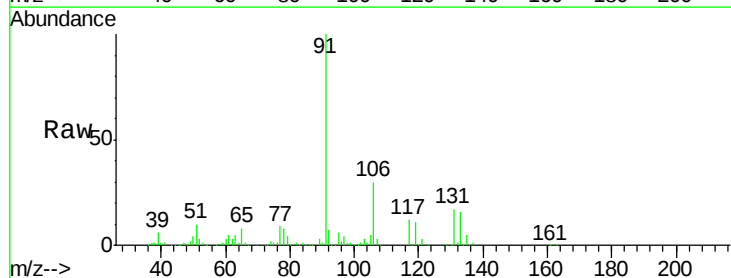
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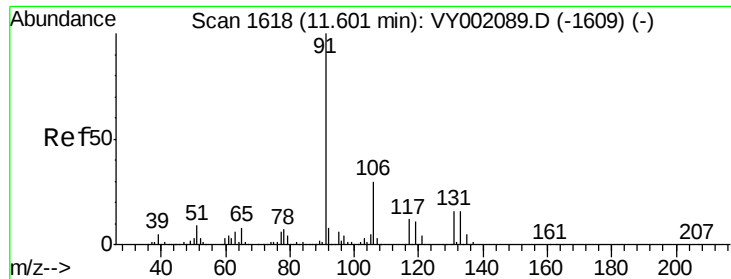
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.630 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion:131 Resp: 34157
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 68.9 34.6 103.9





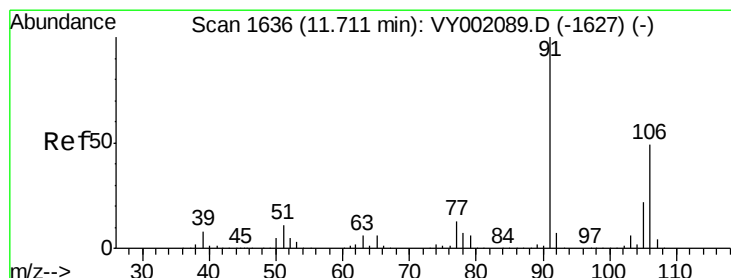
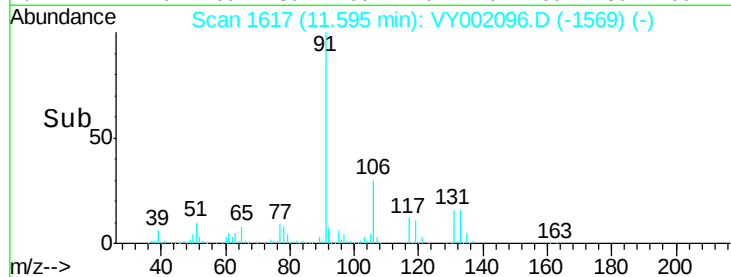
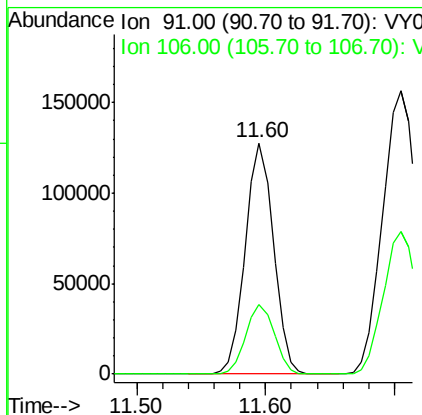
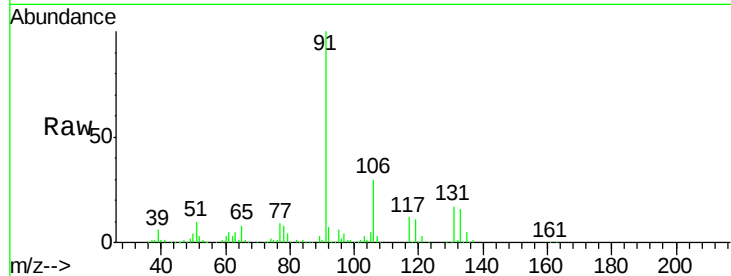
#67
Ethyl Benzene
Concen: 21.029 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion: 91 Resp: 193295
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1

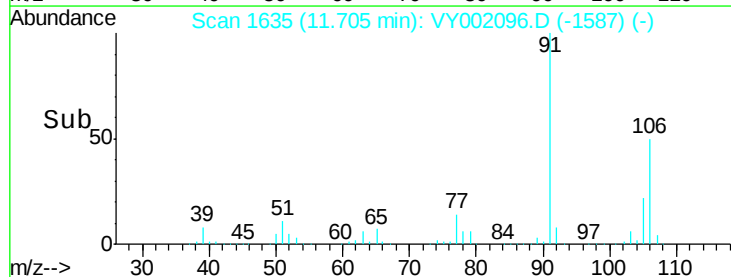
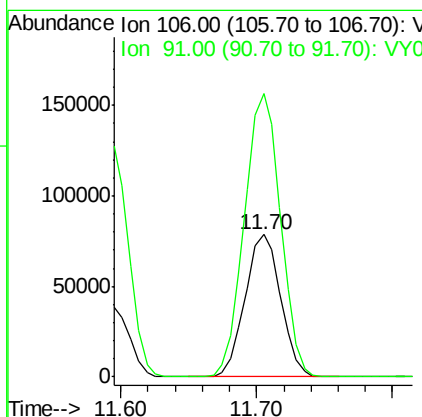
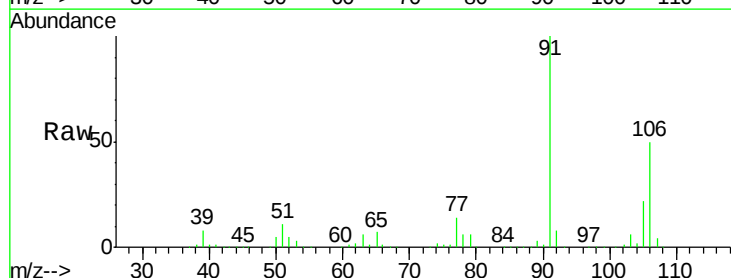
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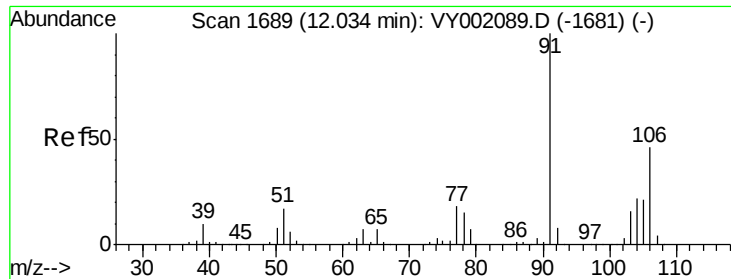
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#68
m/p-Xylenes
Concen: 42.514 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion: 106 Resp: 144486
Ion Ratio Lower Upper
106 100
91 202.0 162.8 244.2





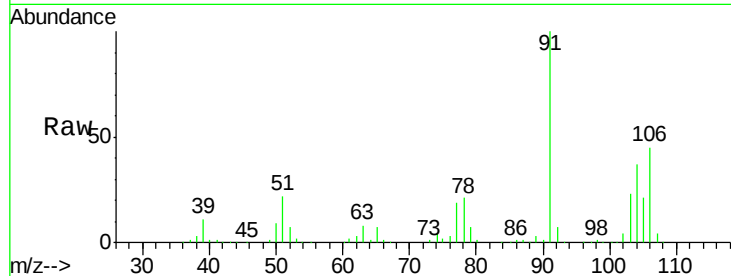
#69
o-Xylene
Concen: 20.979 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

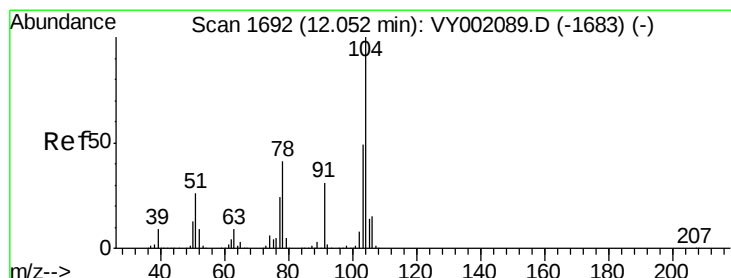
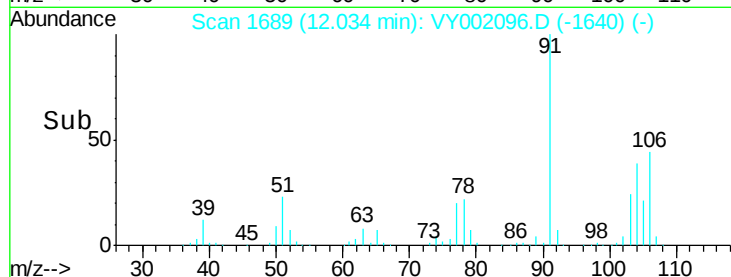
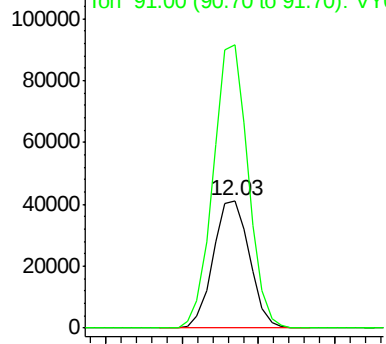
Tot Ion:106 Resp: 67635
Ion Ratio Lower Upper
106 100
91 214.4 107.3 321.8

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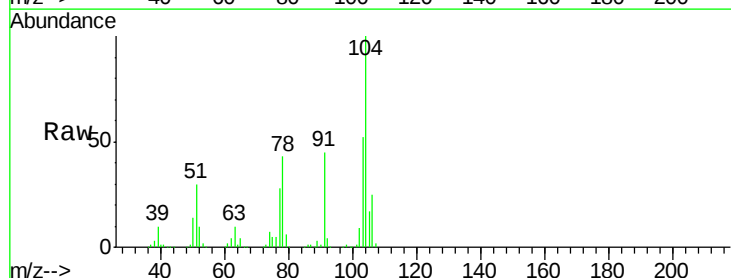


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

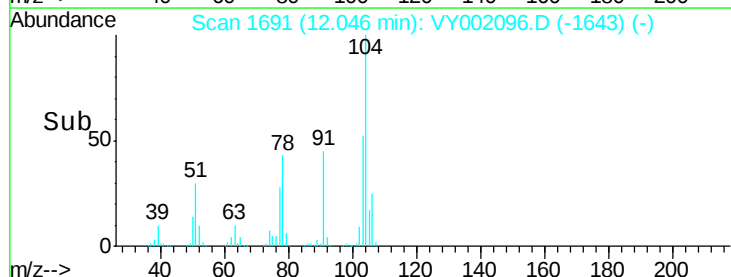
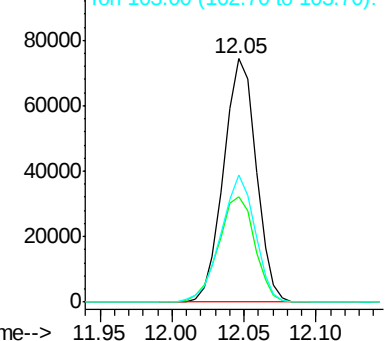


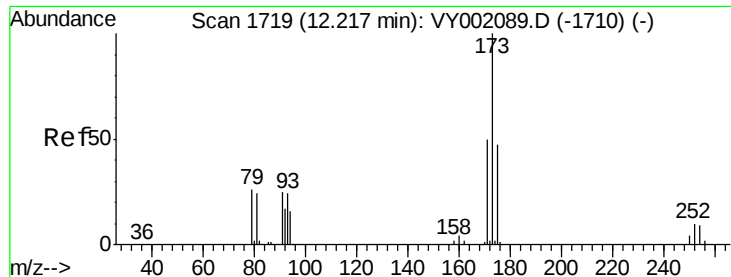
#70
Styrene
Concen: 20.817 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion:104 Resp: 116295
Ion Ratio Lower Upper
104 100
78 48.4 37.9 56.9
103 54.4 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





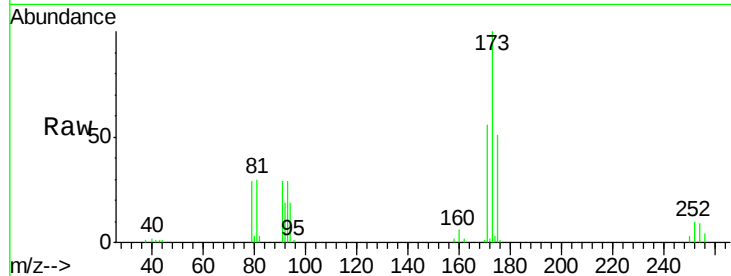
#71
Bromoform
Concen: 21.105 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

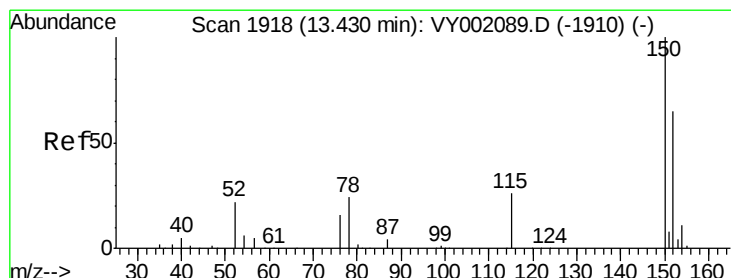
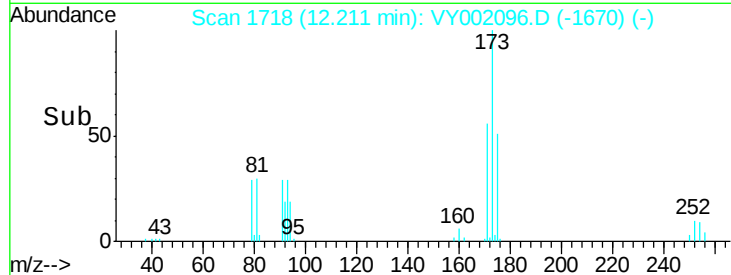
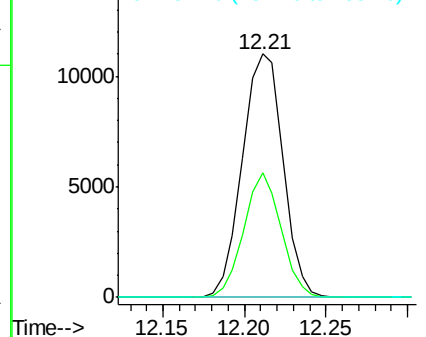
Tot Ion	Ratio	Lower	Upper
173	100		
175	46.9	23.9	71.8
254	0.0	0.0	0.0

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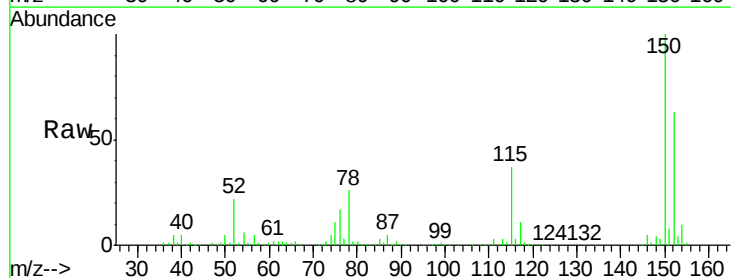


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

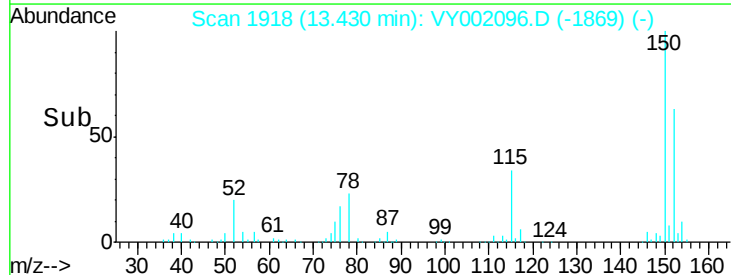
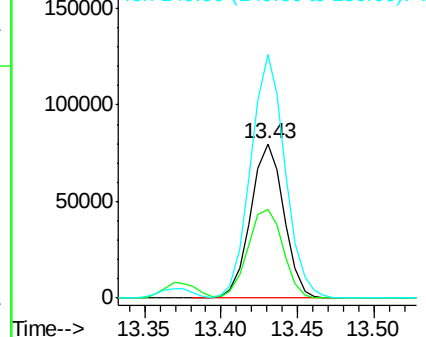


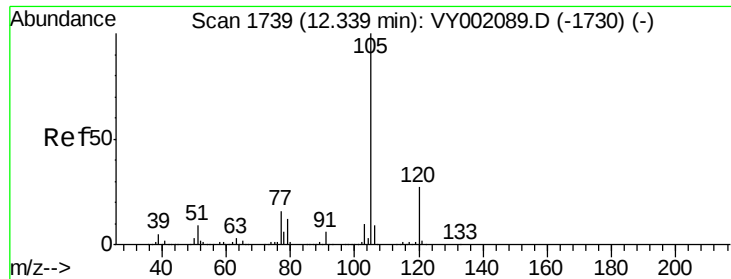
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.2	93.6
150	163.7	0.0	354.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





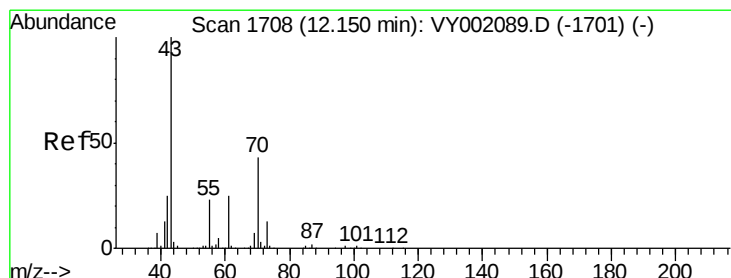
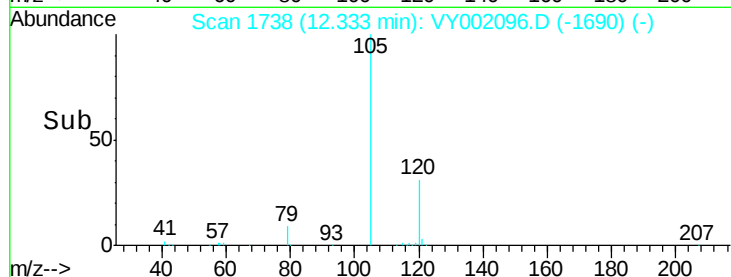
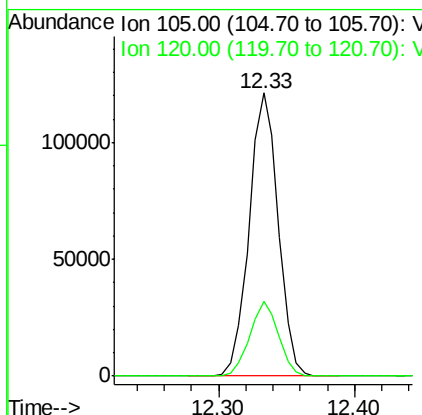
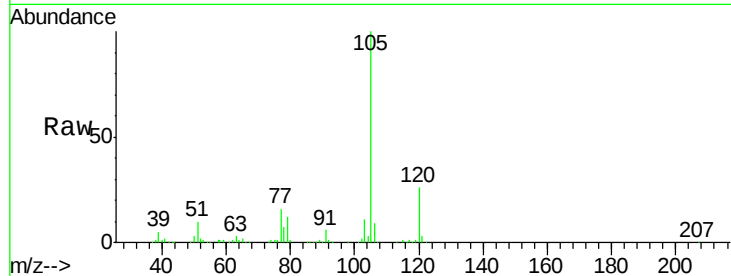
#73
Isopropylbenzene
Concen: 20.295 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	181264		
120	26.0	13.3	39.8	

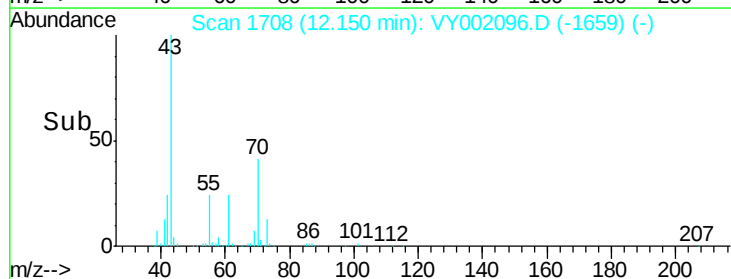
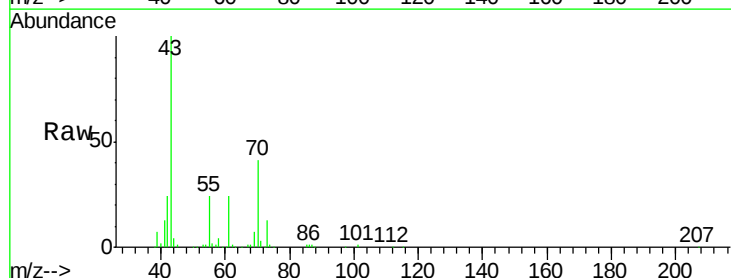
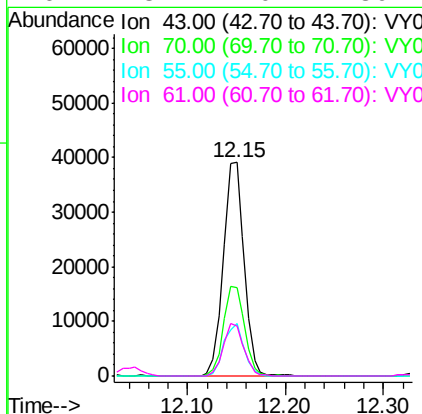
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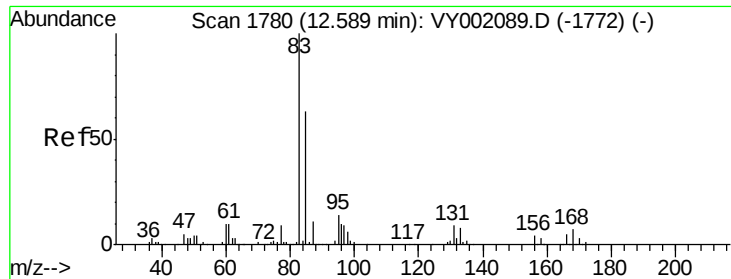
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#74
N-ethyl acetate
Concen: 20.565 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	57928		
70	42.7	35.0	52.4	
55	23.7	18.7	28.1	
61	23.7	20.2	30.2	





#75

1,1,2,2-Tetrachloroethane

Concen: 20.967 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

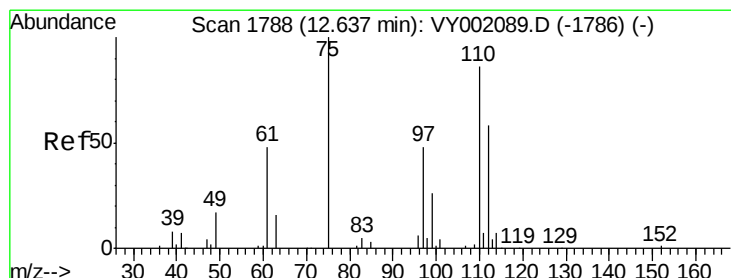
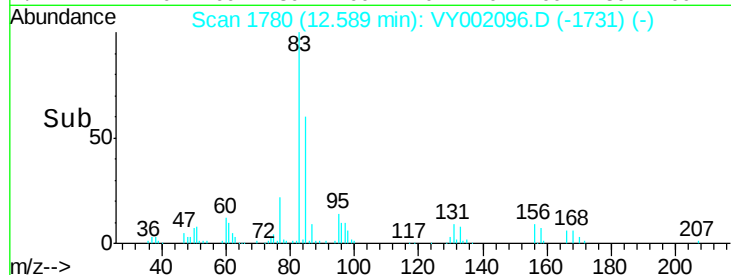
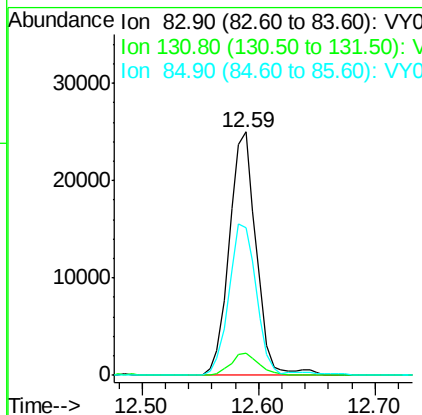
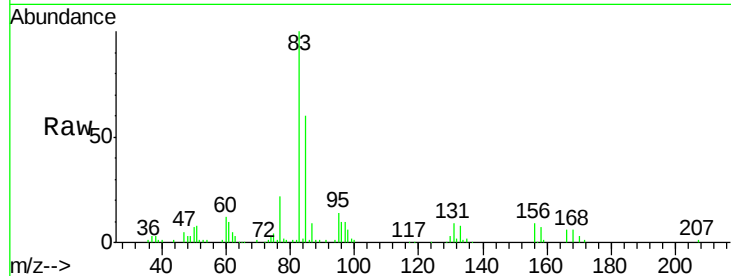
ClientSampleId :

VY0327SBS01

Tot Ion:	83	Resp:	40297
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.7	14.1
85	63.1	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.814 ug/l m

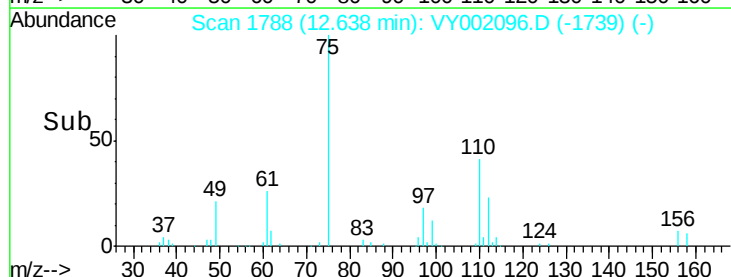
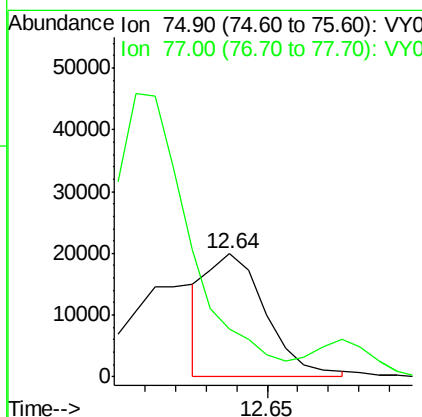
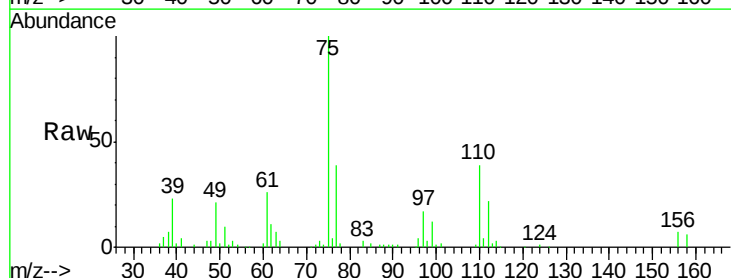
RT: 12.64 min Scan# 1788

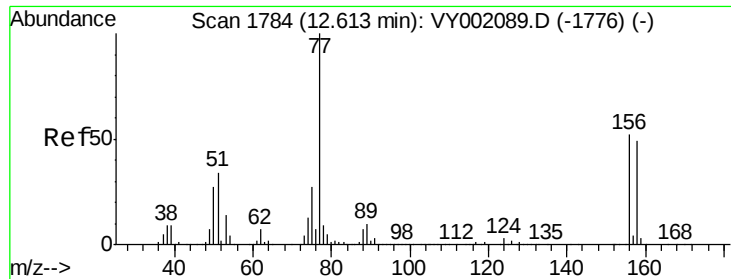
Delta R.T. 0.00 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Tgt Ion:	75	Resp:	26685
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.827 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

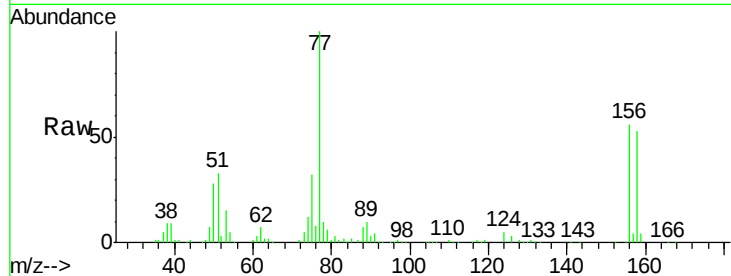
ClientSampleId :

VY0327SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	211.1	107.8	323.6
158	94.2	47.5	142.6

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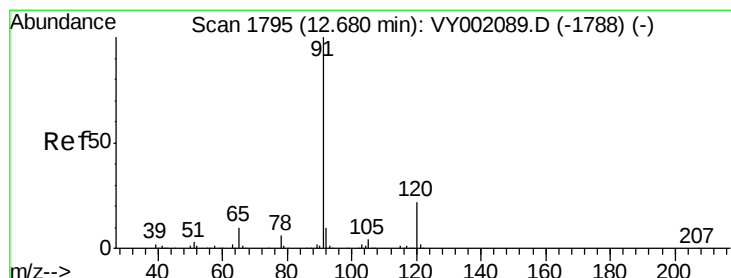
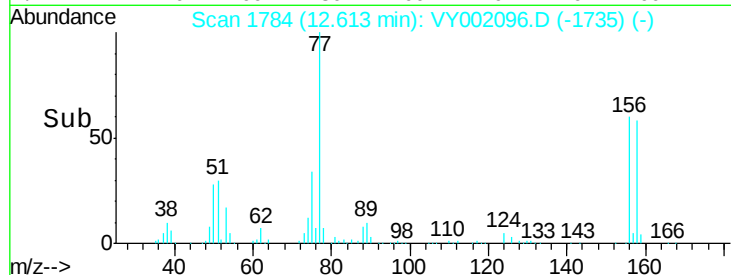
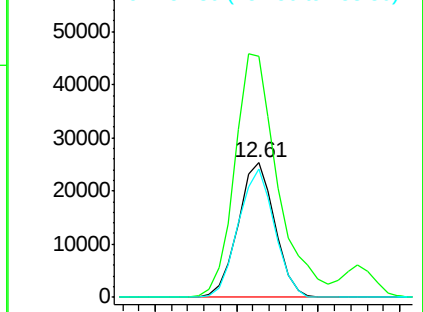


Abundance

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: 20.281 ug/l

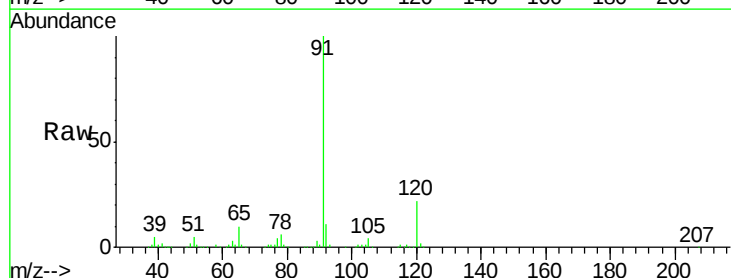
RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

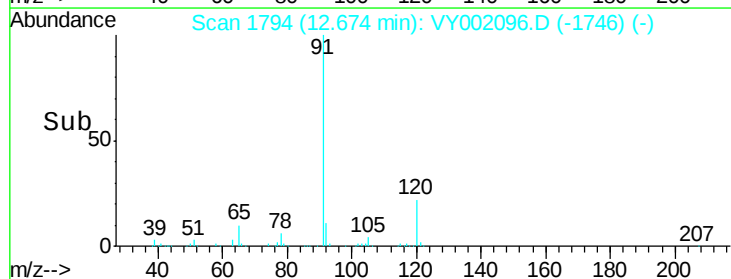
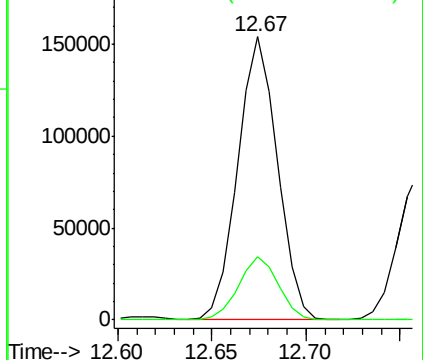
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1

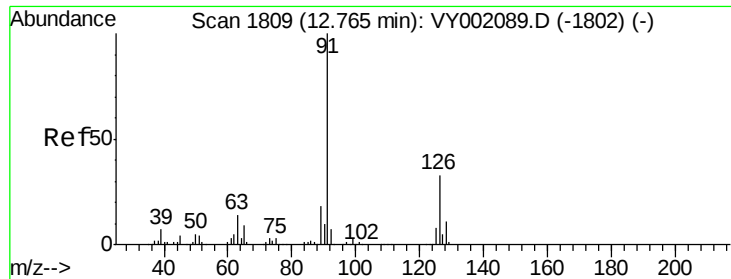


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.201 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tot Ion: 91 Resp: 122935

Ion Ratio Lower Upper

91 100

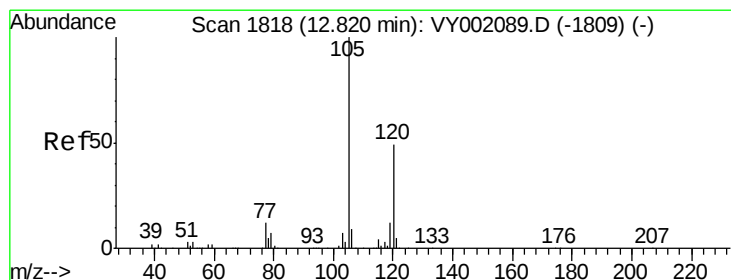
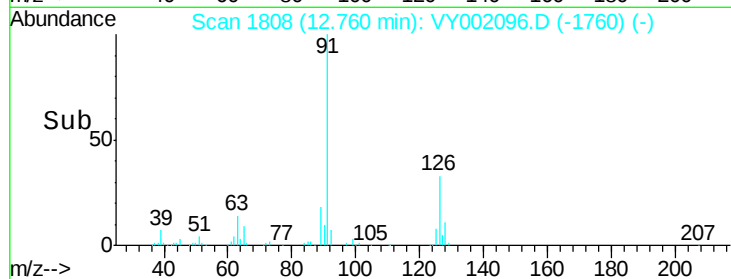
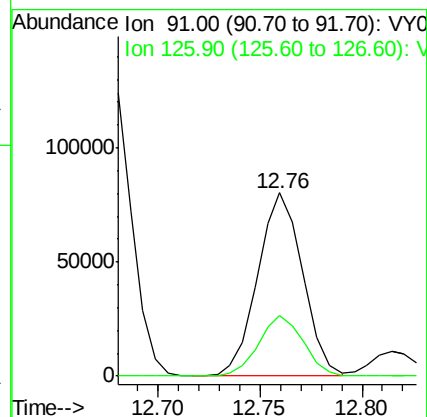
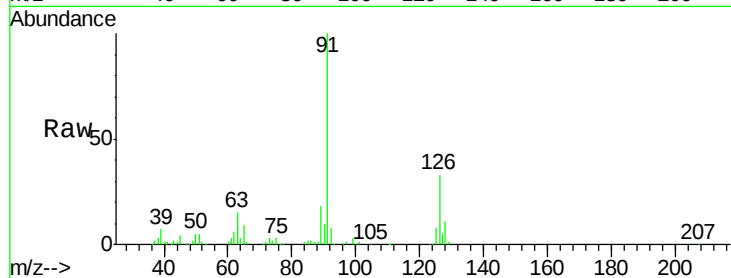
126 32.9 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 20.667 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002096.D

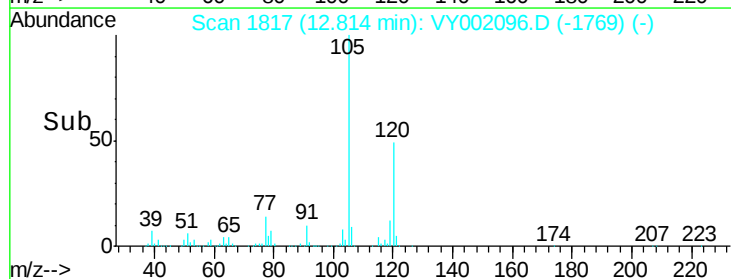
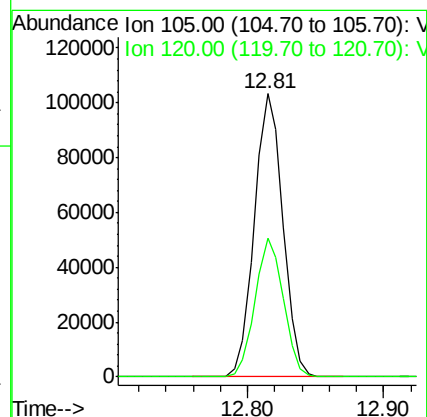
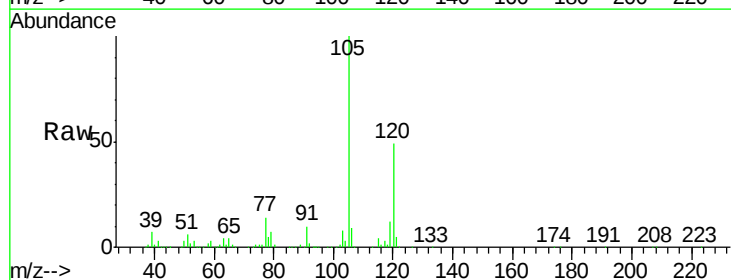
Acq: 27 Mar 2020 11:49

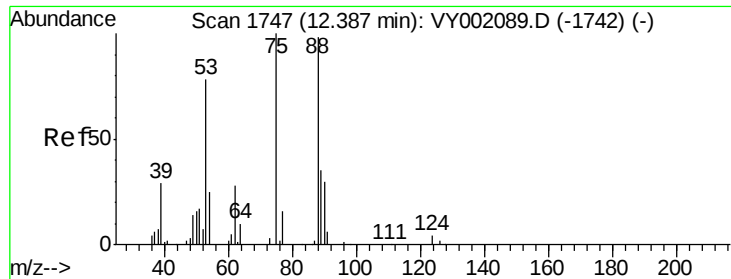
Tgt Ion: 105 Resp: 152289

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.283 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

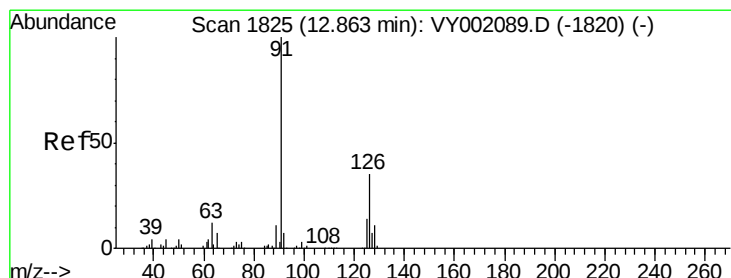
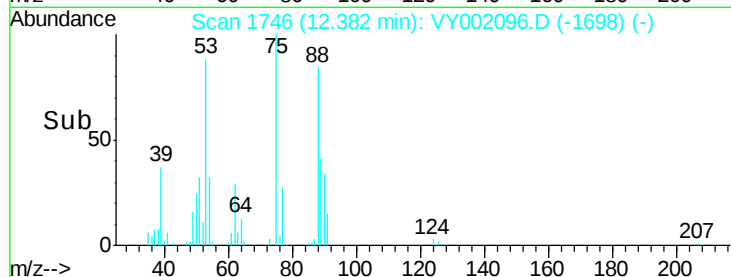
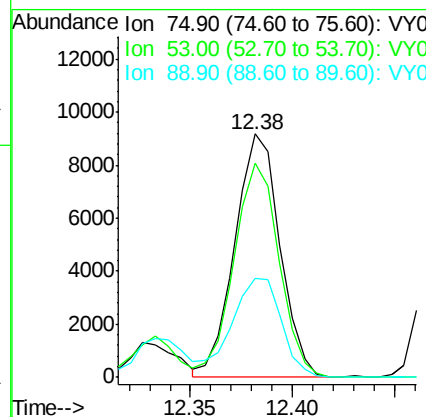
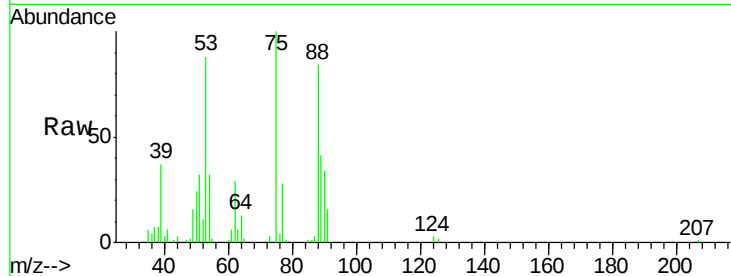
ClientSampleId :

VY0327SBS01

Tot Ion:	75	Resp:	14100
Ion Ratio	Lower	Upper	
75	100		
53	87.9	65.0	97.4
89	45.3	33.4	50.0

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#82

4-Chlorotoluene

Concen: 20.529 ug/l

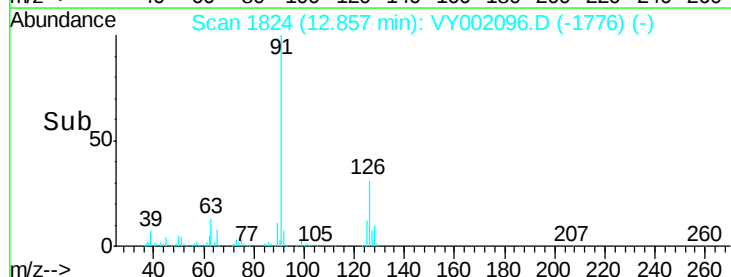
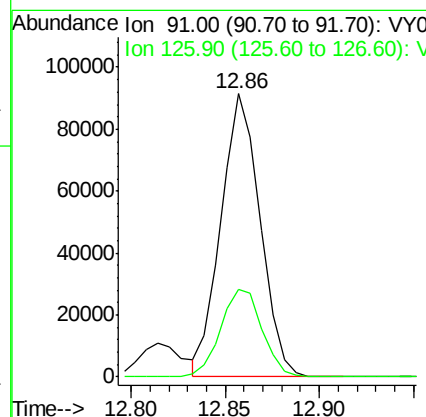
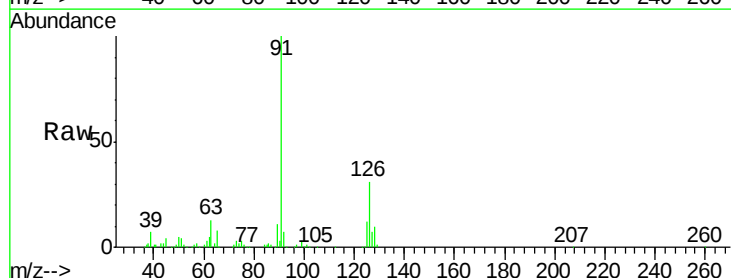
RT: 12.86 min Scan# 1824

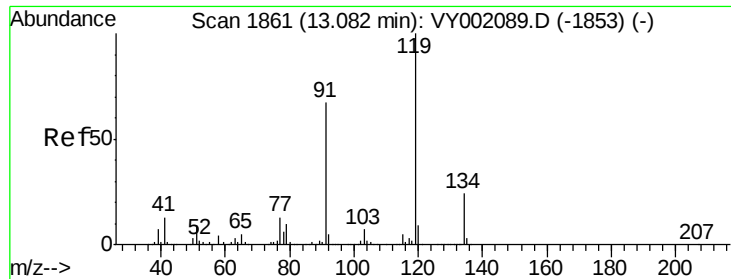
Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Tgt Ion:	91	Resp:	131643
Ion Ratio	Lower	Upper	
91	100		
126	32.8	16.3	48.9





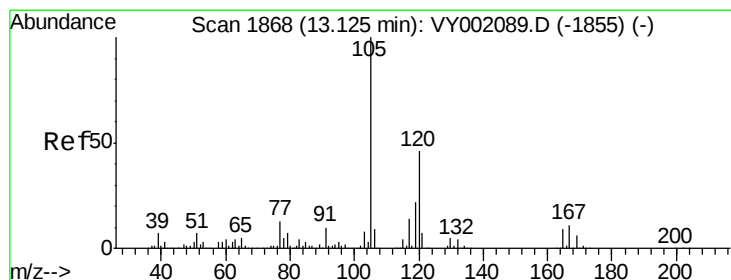
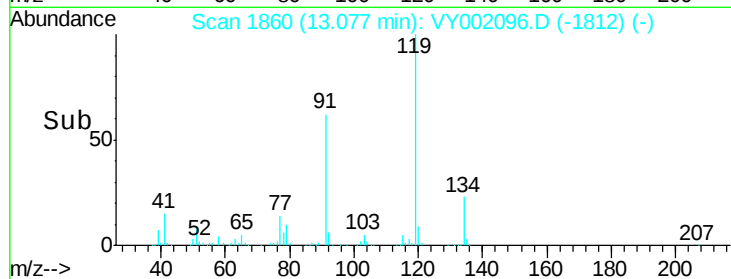
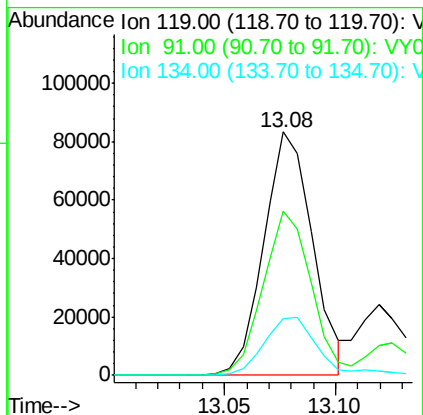
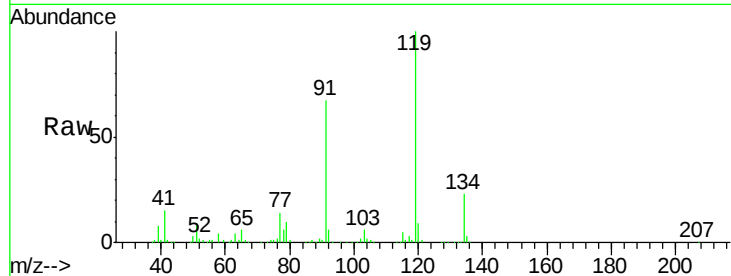
#83
 tert-Butylbenzene
 Concen: 20.519 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	126207		
91	67.2	32.9	98.6	
134	26.6	13.0	38.9	

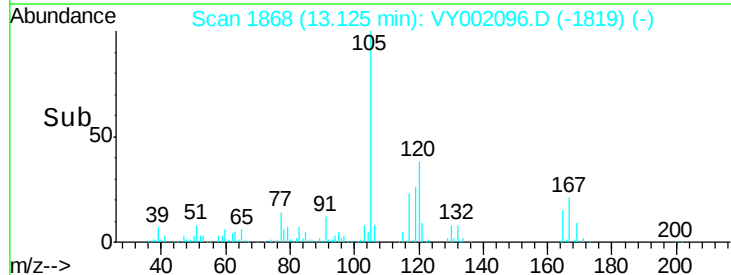
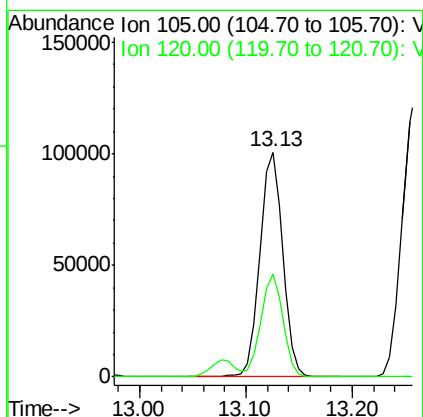
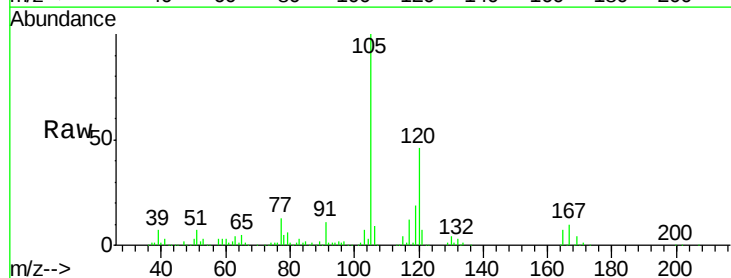
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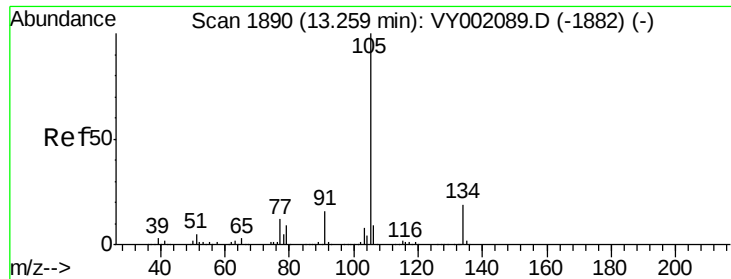
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.751 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	152560		
120	44.3	22.9	68.5	





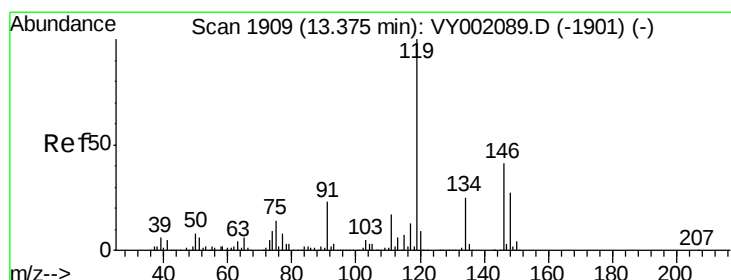
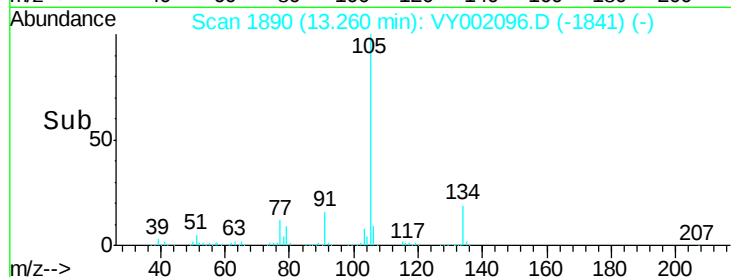
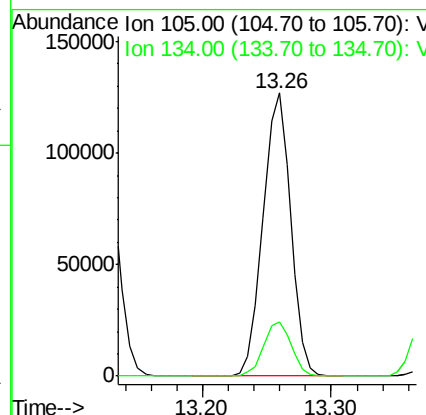
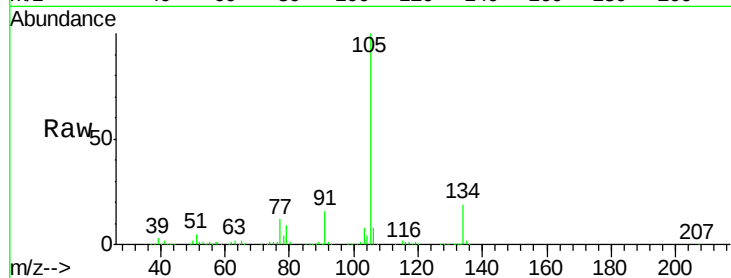
#85
 sec-Butylbenzene
 Concen: 20.707 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	29.1

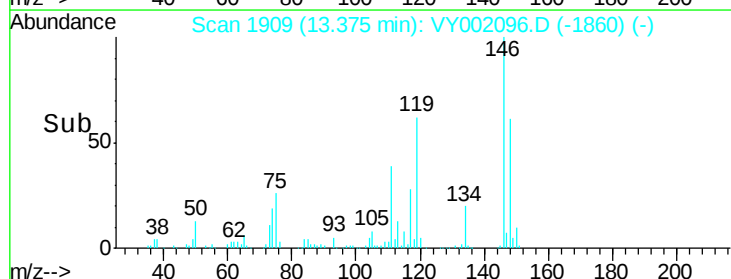
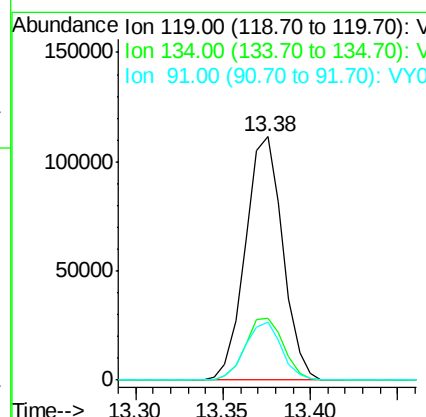
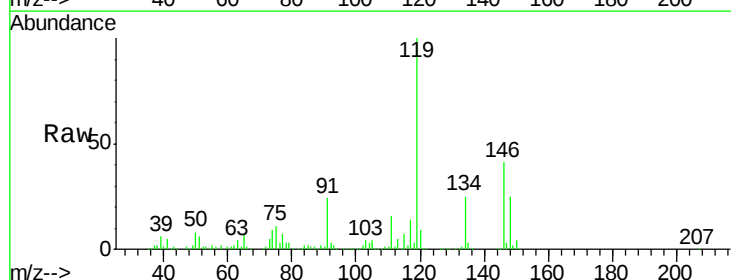
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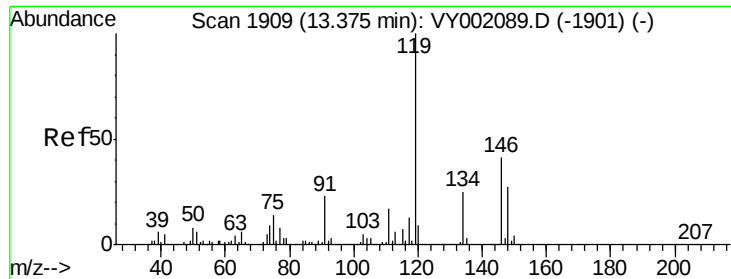
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#86
 p-Isopropyltoluene
 Concen: 21.106 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.3
91	23.3	11.8	35.3





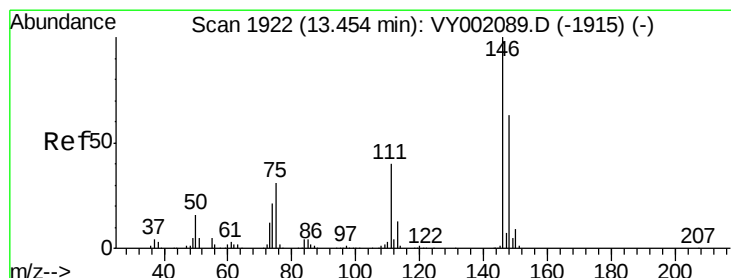
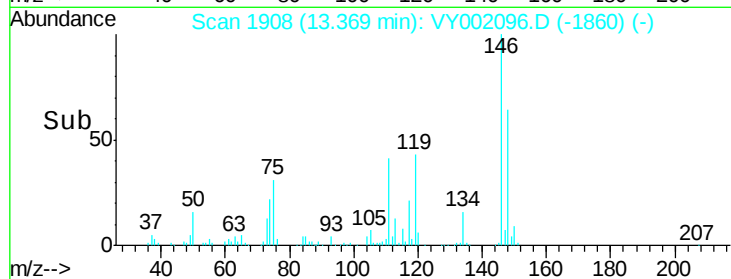
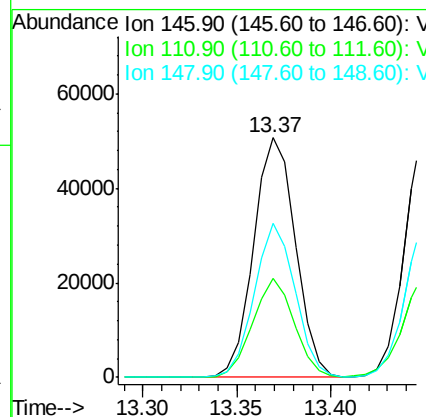
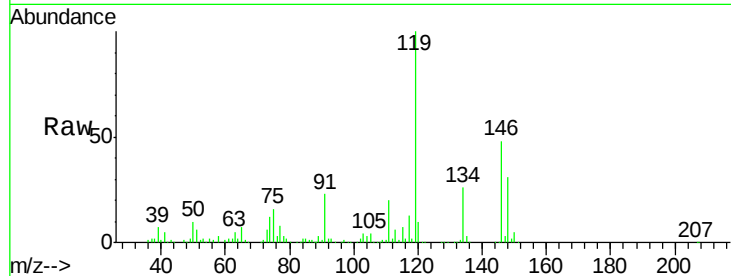
#87
 1,3-Dichlorobenzene
 Concen: 20.918 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.9	62.8
148	62.7	32.1	96.5

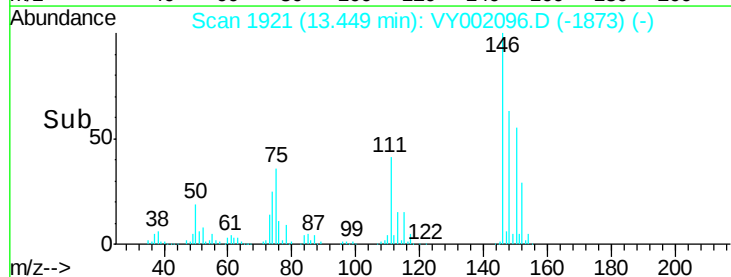
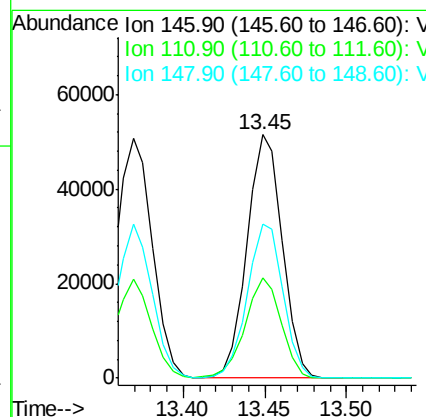
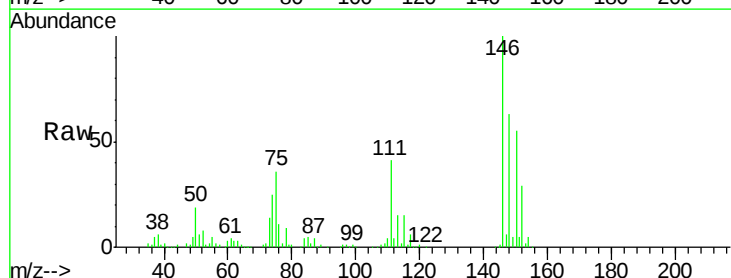
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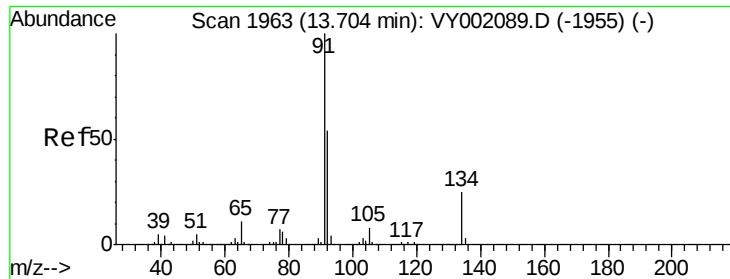
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#88
 1,4-Dichlorobenzene
 Concen: 20.706 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.3	60.9
148	64.2	31.5	94.5





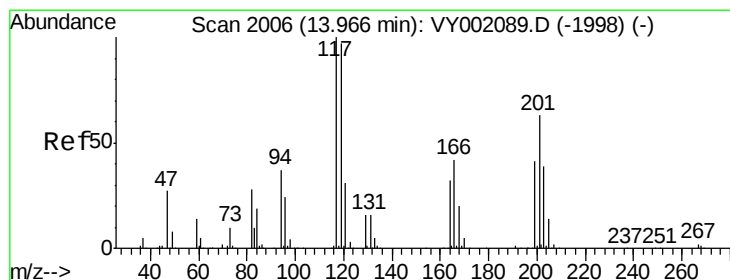
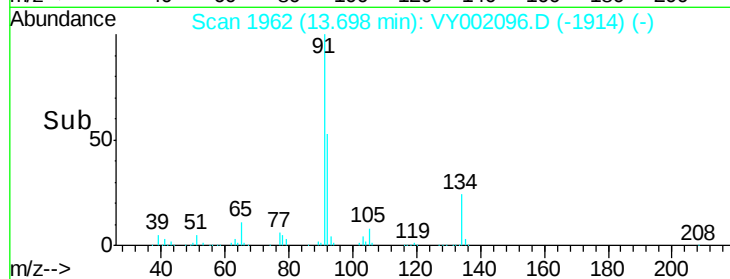
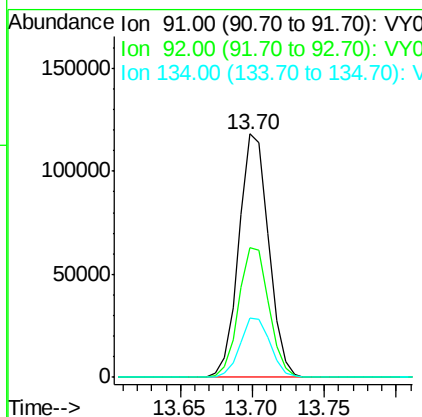
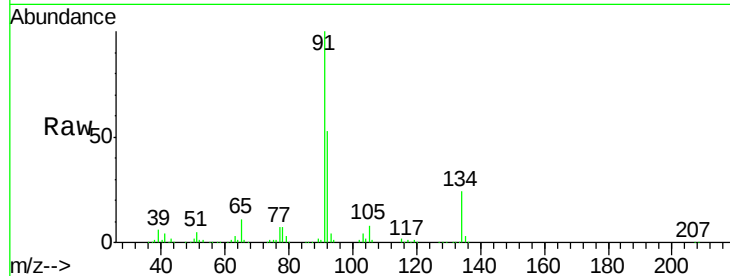
#89
n-Butylbenzene
Concen: 20.855 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	169999		
92	53.9		27.0	81.0
134	24.4		12.3	36.8

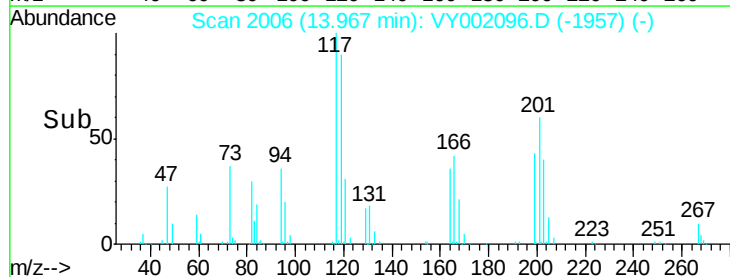
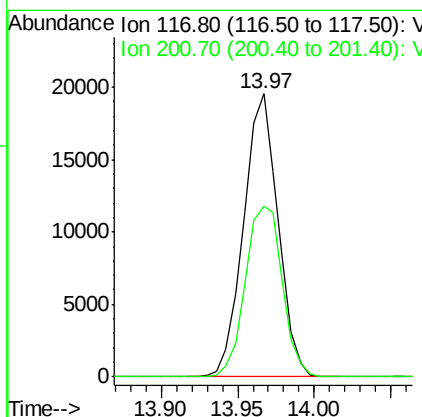
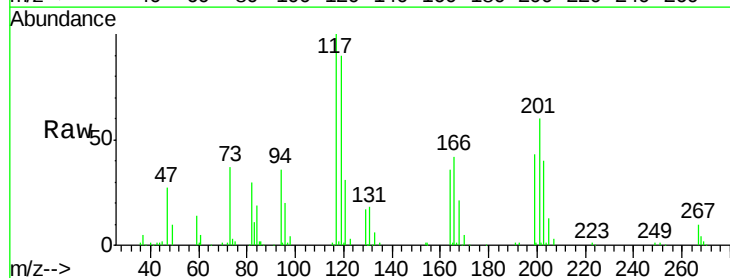
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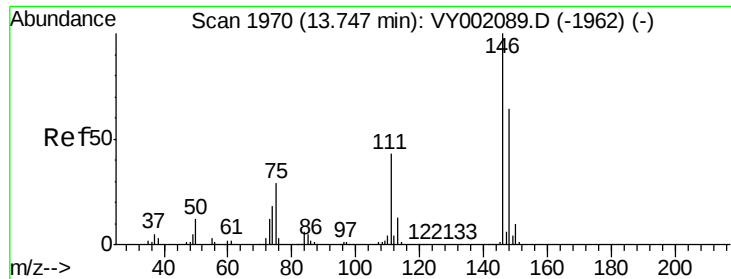
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#90
Hexachloroethane
Concen: 20.698 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002096.D
Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	30512		
201	64.7		31.6	94.8





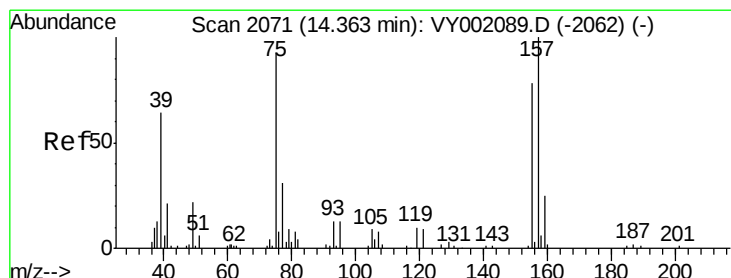
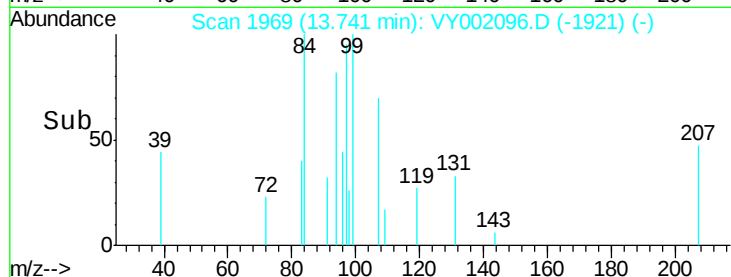
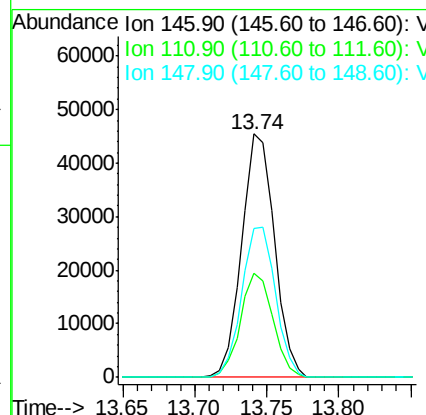
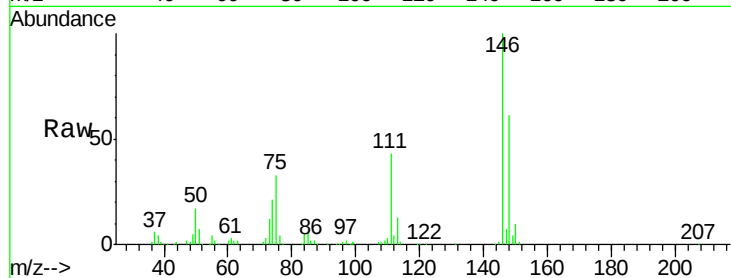
#91
 1,2-Dichlorobenzene
 Concen: 20.890 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.7
148	63.4	31.8	95.4

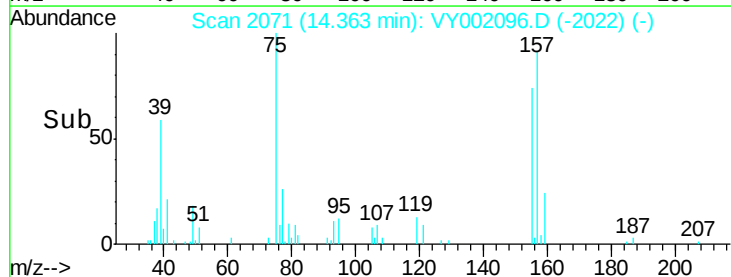
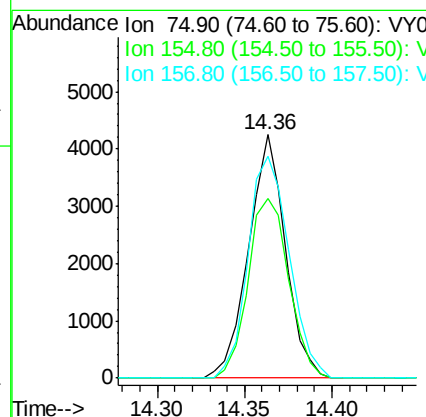
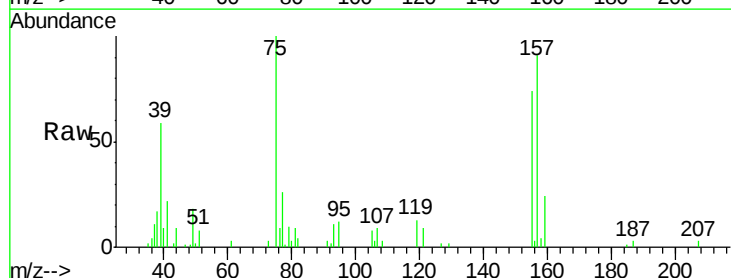
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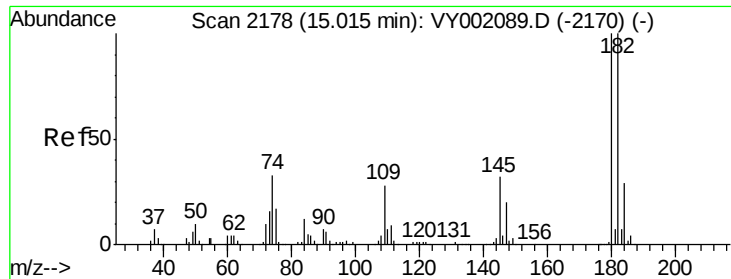
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.152 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.5	41.6	124.9
157	101.9	53.4	160.3





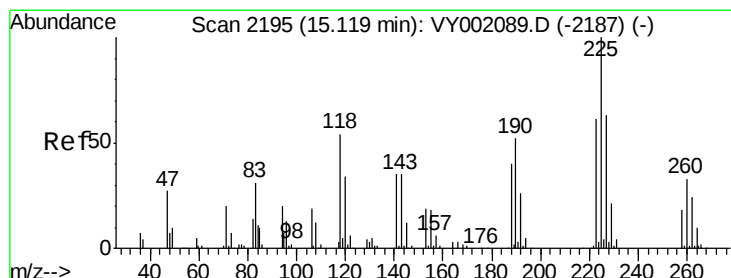
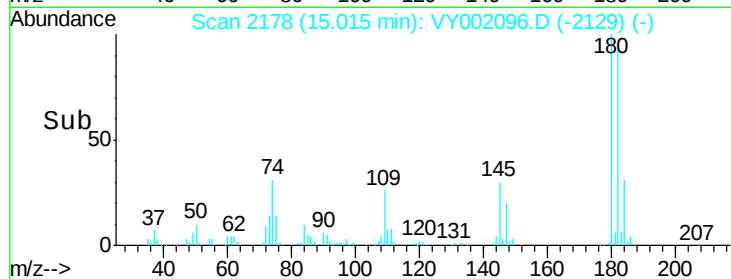
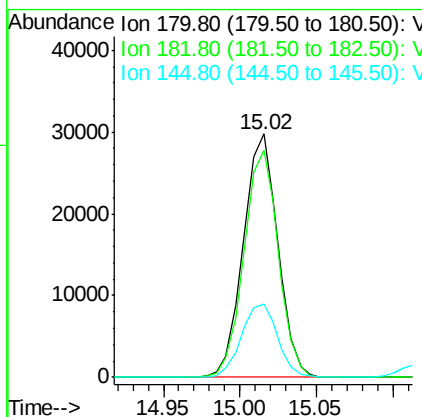
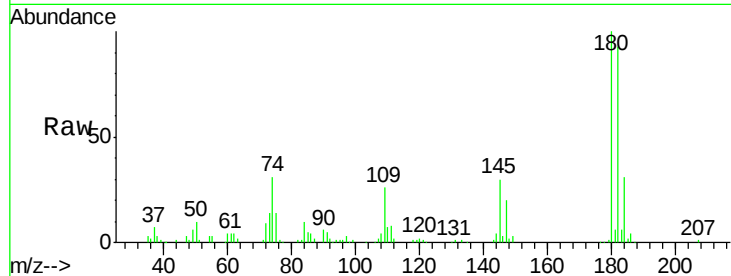
#93
 1,2,4-Trichlorobenzene
 Concen: 20.988 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.1	144.3
145	31.5	15.9	47.6

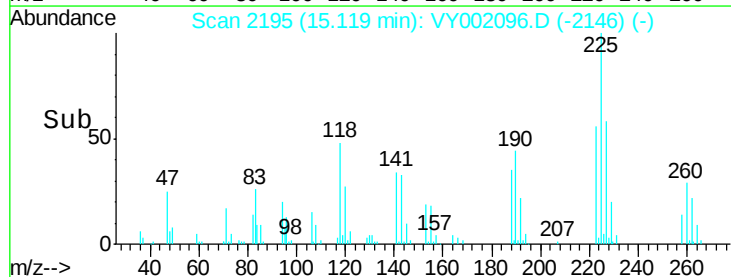
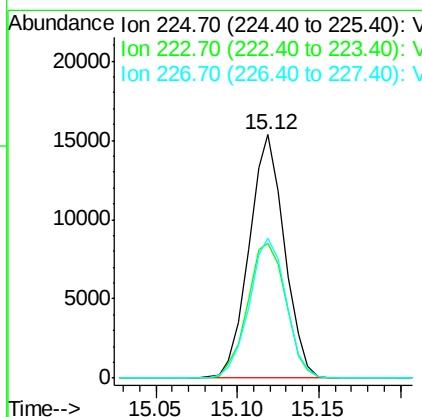
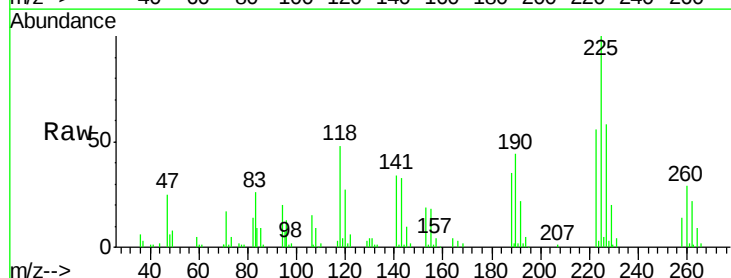
Manual Integrations
 APPROVED

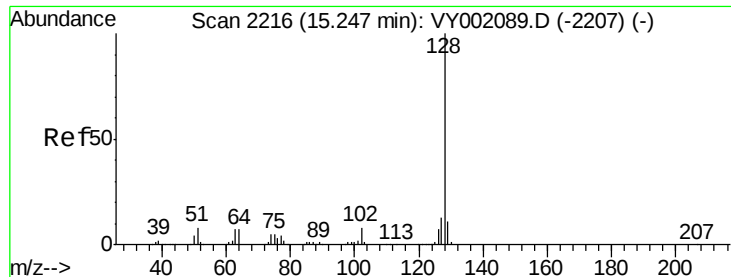
apatel
 3/30/2020 1:10:12 PM



#94
 Hexachlorobutadiene
 Concen: 21.121 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002096.D
 Acq: 27 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	31.1	93.3
227	60.0	31.6	94.7





#95

Naphthalene

Concen: 20.614 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Instrument :

MSVOA_Y

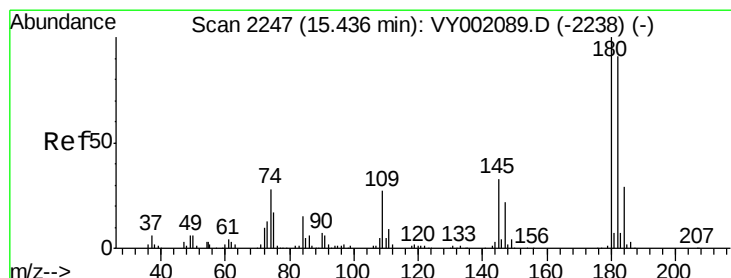
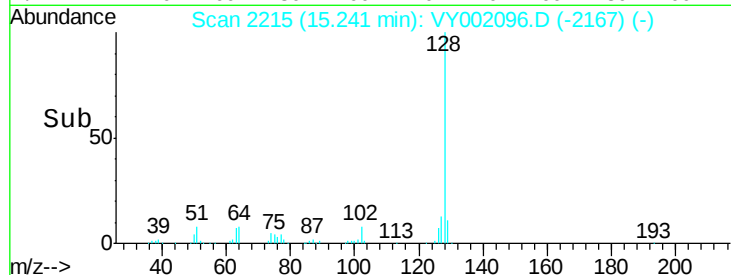
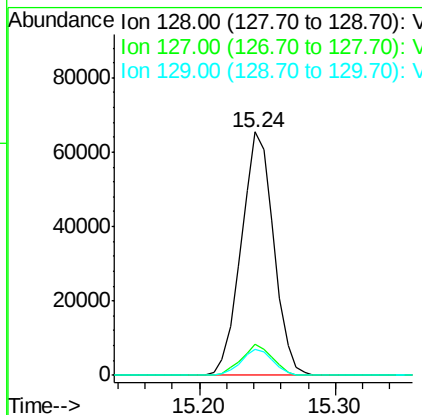
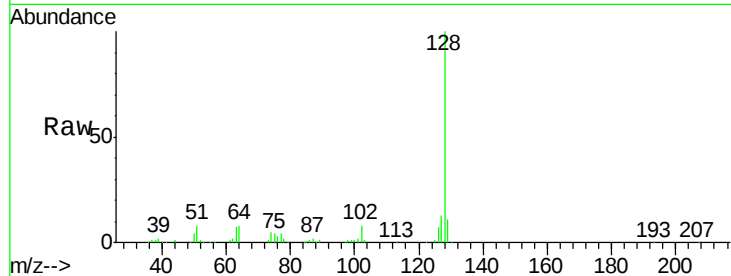
ClientSampleId :

VY0327SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
127	12.2		9.8	14.8	
129	10.7		8.6	13.0	

Manual Integrations
APPROVED

apatel
3/30/2020 1:10:12 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.491 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002096.D

Acq: 27 Mar 2020 11:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	95.9		46.8	140.3	
145	33.8		16.7	50.1	

