

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002097.D
 Acq On : 27 Mar 2020 12:10
 Operator : SY/MD
 Sample : VY0327SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Manual Integrations
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 3/30/2020 1:10:16 PM

Quant Time: Mar 30 03:52:01 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	161128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	291306	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	264539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	124949	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	93716	52.61	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.22%	
35) Dibromofluoromethane	7.73	113	85241	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.18	98	352632	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.49	95	124273	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	32940	28.517	ug/l	99
3) Chloromethane	2.12	50	42369	22.501	ug/l	99
4) Vinyl Chloride	2.26	62	42303	22.089	ug/l	98
5) Bromomethane	2.65	94	27865	22.296	ug/l	98
6) Chloroethane	2.80	64	26967	21.930	ug/l	92
7) Trichlorofluoromethane	3.13	101	58738	22.382	ug/l	98
8) Diethyl Ether	3.54	74	23266	20.931	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	36162	21.002	ug/l	99
10) Methyl Iodide	4.10	142	41731	20.383	ug/l	100
11) Tert butyl alcohol	4.96	59	32526	154.955	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	36995	21.160	ug/l	98
13) Acrolein	3.74	56	24993	95.265	ug/l	98
14) Allyl chloride	4.49	41	67446	21.072	ug/l	99
15) Acrylonitrile	5.18	53	62561	107.382	ug/l	98
16) Acetone	3.96	43	52733	105.375	ug/l	99
17) Carbon Disulfide	4.20	76	124373	21.435	ug/l	100
18) Methyl Acetate	4.49	43	28079	21.608	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	102336	20.982	ug/l	98
20) Methylene Chloride	4.73	84	46500	19.298	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	42171	21.184	ug/l	97
22) Diisopropyl ether	6.13	45	138064	21.078	ug/l	96
23) Vinyl Acetate	6.07	43	459194	106.909	ug/l	100
24) 1,1-Dichloroethane	6.03	63	72293	20.758	ug/l	98
25) 2-Butanone	7.00	43	83383	108.513	ug/l	98
26) 2,2-Dichloropropane	6.99	77	61546	21.457	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	46059	21.031	ug/l	99
28) Bromochloromethane	7.35	49	31714	19.947	ug/l	100
29) Tetrahydrofuran	7.36	42	55156	109.479	ug/l	100
30) Chloroform	7.52	83	67478	20.441	ug/l	100
31) Cyclohexane	7.79	56	76342	20.572	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	55952	20.301	ug/l	99
36) 1,1-Dichloropropene	7.93	75	57643	20.920	ug/l	100
37) Ethyl Acetate	7.09	43	36442	21.886	ug/l	99
38) Carbon Tetrachloride	7.91	117	49350	21.111	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	75931	21.009	ug/l	98
40) Benzene	8.17	78	169863	20.812	ug/l	100
41) Methacrylonitrile	7.33	41	19777m	23.482	ug/l	
42) 1,2-Dichloroethane	8.25	62	45060	20.795	ug/l	100
43) Isopropyl Acetate	8.28	43	66183	21.416	ug/l	100
44) Trichloroethene	8.94	130	41709	21.200	ug/l	94
45) 1,2-Dichloropropane	9.22	63	43402	20.885	ug/l	98
46) Dibromomethane	9.31	93	22093	20.701	ug/l	97
47) Bromodichloromethane	9.50	83	52053	20.951	ug/l	98
48) Methyl methacrylate	9.30	41	30492	22.017	ug/l	97
49) 1,4-Dioxane	9.30	88	6123	418.087	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	183010	115.005	ug/l	99
52) Toluene	10.25	92	104876	21.245	ug/l	96
53) t-1,3-Dichloropropene	10.47	75	56947	20.651	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	67261	20.717	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	32691	20.696	ug/l	96
56) Ethyl methacrylate	10.51	69	49853	21.609	ug/l	99
57) 1,3-Dichloropropane	10.79	76	57941	20.761	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	125807	106.124	ug/l	99
59) 2-Hexanone	10.83	43	122785	109.536	ug/l	99
60) Dibromochloromethane	10.99	129	35192	21.291	ug/l	99
61) 1,2-Dibromoethane	11.09	107	31923	21.592	ug/l	96
64) Tetrachloroethene	10.72	164	34209	21.136	ug/l	94
65) Chlorobenzene	11.52	112	107229	20.999	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	35435	20.742	ug/l	99
67) Ethyl Benzene	11.60	91	200254	21.115	ug/l	97
68) m/p-Xylenes	11.71	106	148603	42.378	ug/l	99
69) o-Xylene	12.03	106	68652	20.639	ug/l	98
70) Styrene	12.05	104	120884	20.972	ug/l	99
71) Bromoform	12.21	173	19084	20.396	ug/l #	98
73) Isopropylbenzene	12.33	105	187048	20.180	ug/l	100
74) N-amyl acetate	12.14	43	61078	20.893	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	41932	21.024	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	26151m	18.710	ug/l	
77) Bromobenzene	12.61	156	40650	20.545	ug/l	100
78) n-propylbenzene	12.67	91	233880	20.333	ug/l	100
79) 2-Chlorotoluene	12.76	91	127603	20.205	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	156334	20.444	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	14630	20.279	ug/l	93
82) 4-Chlorotoluene	12.86	91	136362	20.490	ug/l	100
83) tert-Butylbenzene	13.08	119	128618	20.150	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	157808	20.683	ug/l	99
85) sec-Butylbenzene	13.25	105	193210	20.436	ug/l	100
86) p-Isopropyltoluene	13.37	119	169054	20.822	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	80886	20.897	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	81142	20.832	ug/l	99
89) n-Butylbenzene	13.70	91	173394	20.497	ug/l	100
90) Hexachloroethane	13.96	117	30491	19.930	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	73462	20.551	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6592	20.633	ug/l	100

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ClientSampleId :
VY0327SBSD01

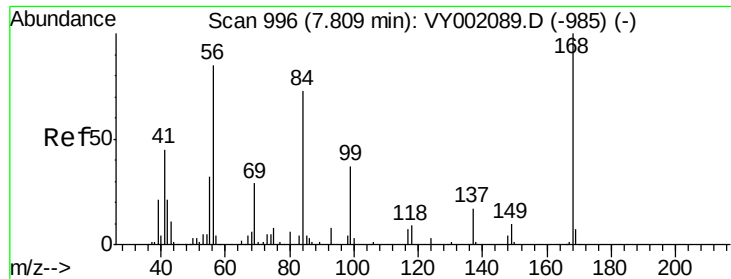
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	48562	21.077	ug/l	98
94) Hexachlorobutadiene	15.12	225	22910	20.145	ug/l	99
95) Naphthalene	15.24	128	114774	20.974	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	42592	20.386	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tot Ion:168 Resp: 161128

Ion Ratio Lower Upper

168 100

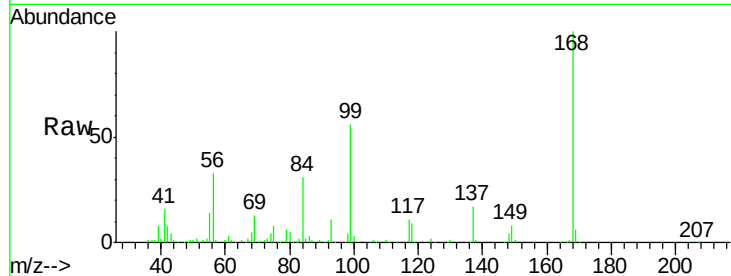
99 56.5 47.6 71.4

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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

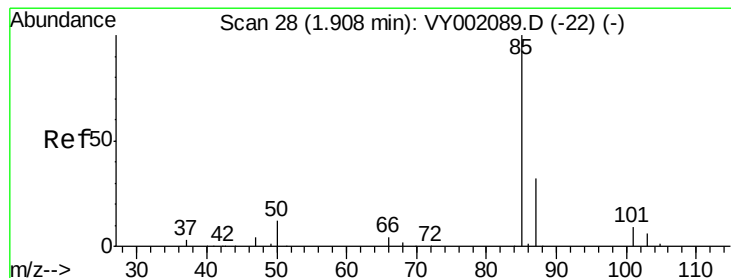
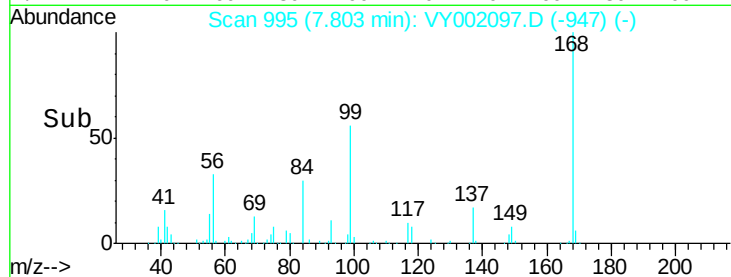
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 28.517 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002097.D

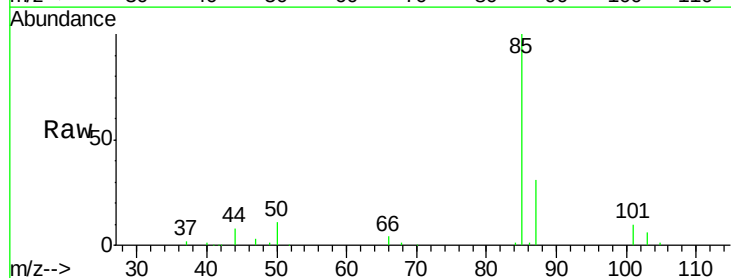
Acq: 27 Mar 2020 12:10

Tgt Ion: 85 Resp: 32940

Ion Ratio Lower Upper

85 100

87 31.5 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

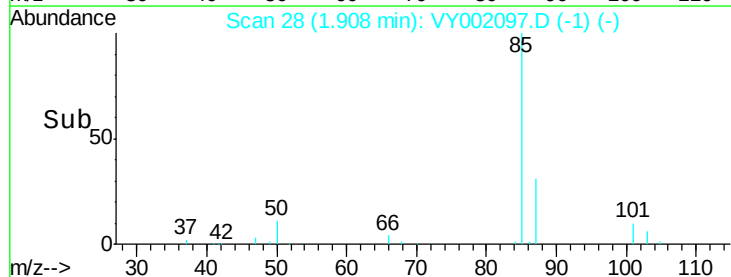
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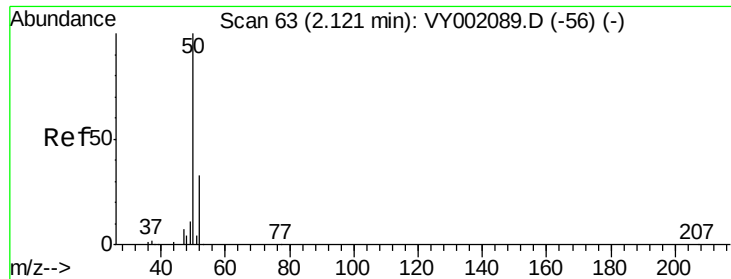
5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 22.501 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tot Ion: 50 Resp: 42369

Ion Ratio Lower Upper

50 100

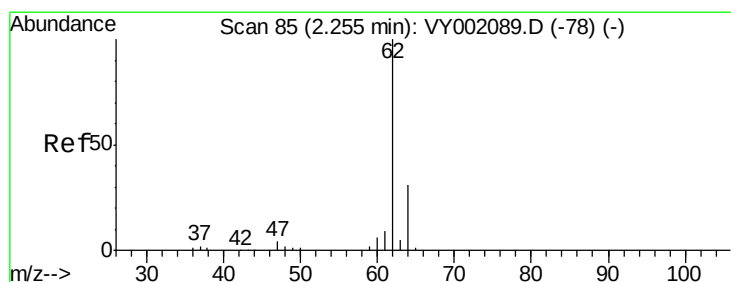
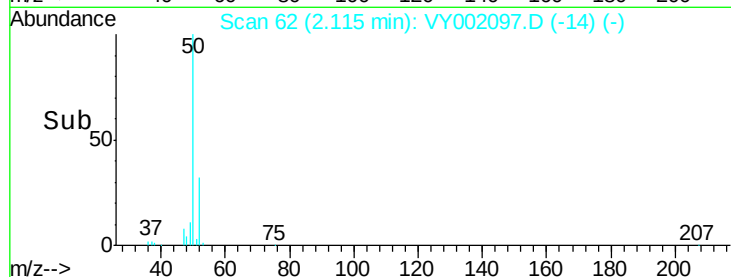
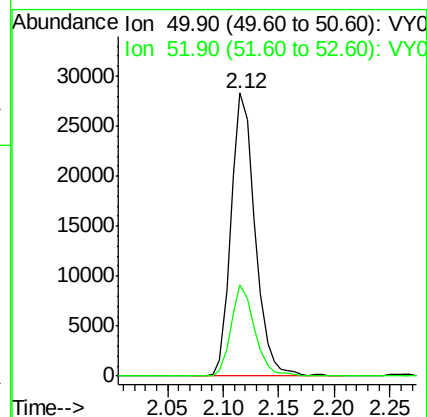
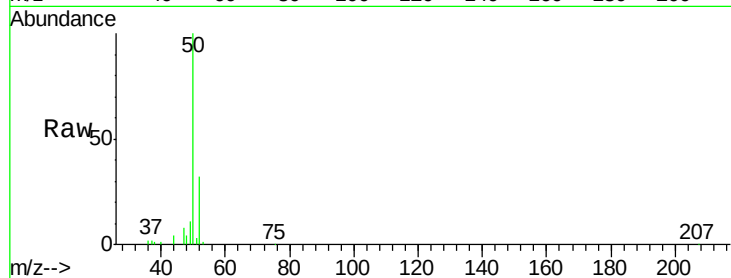
52 32.3 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.089 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002097.D

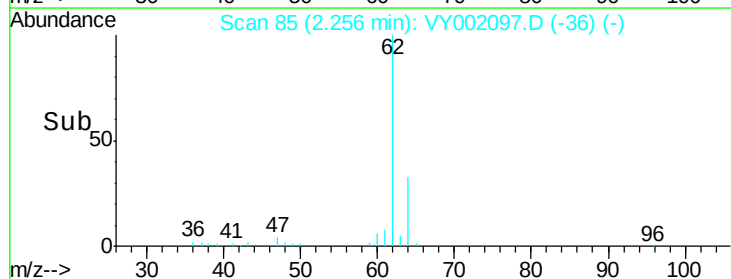
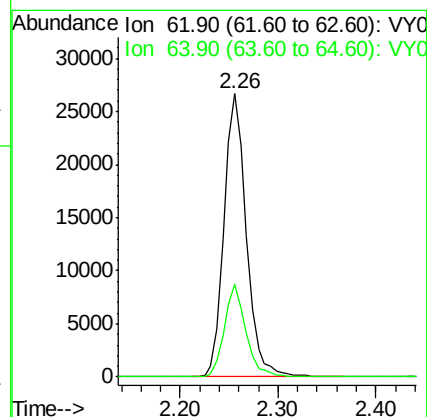
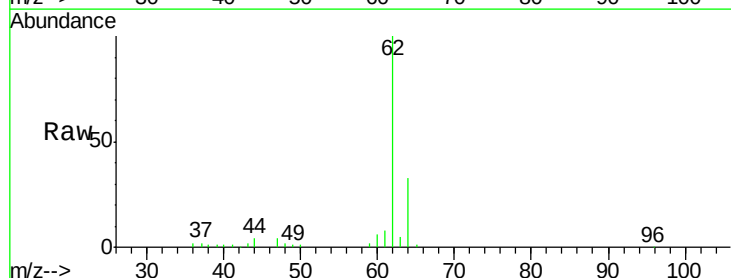
Acq: 27 Mar 2020 12:10

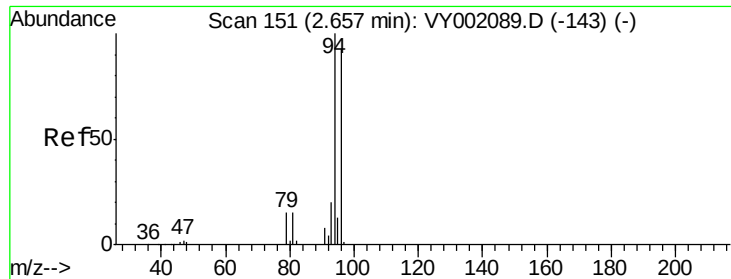
Tgt Ion: 62 Resp: 42303

Ion Ratio Lower Upper

62 100

64 32.6 25.2 37.8





#5

Bromomethane

Concen: 22.296 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tot Ion: 94 Resp: 27865

Ion Ratio Lower Upper

94 100

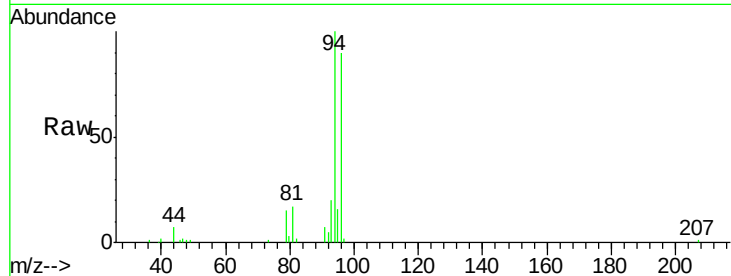
96 90.4 74.1 111.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

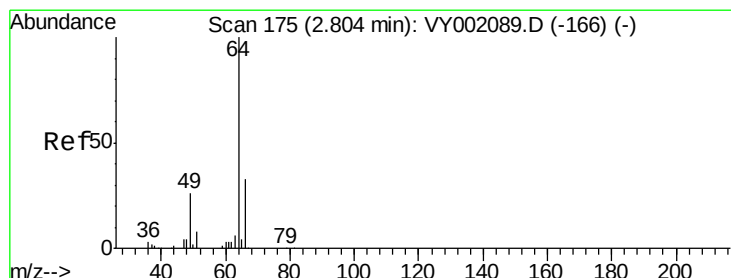
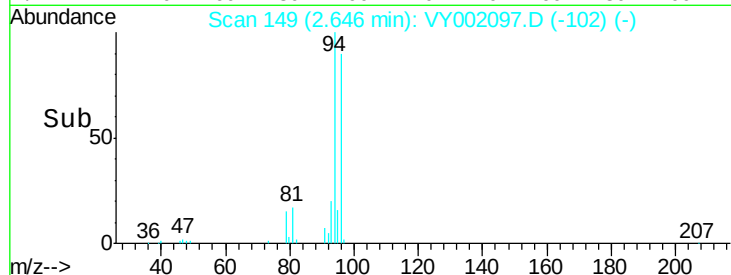
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 21.930 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002097.D

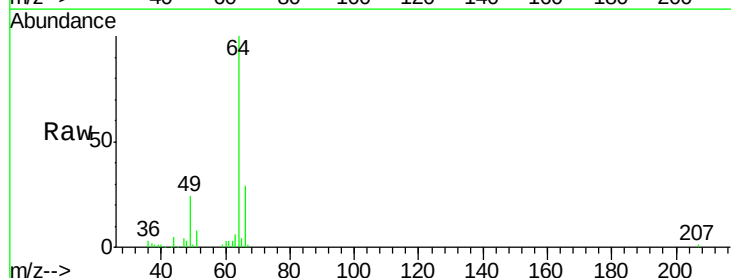
Acq: 27 Mar 2020 12:10

Tgt Ion: 64 Resp: 26967

Ion Ratio Lower Upper

64 100

66 28.8 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

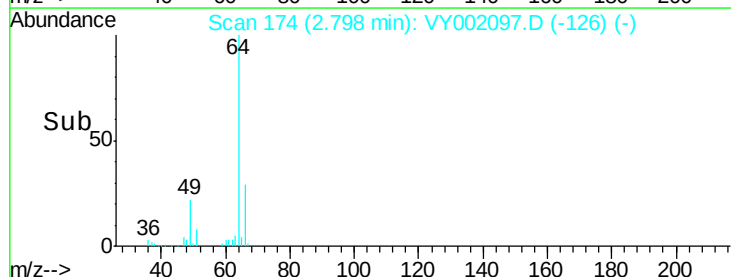
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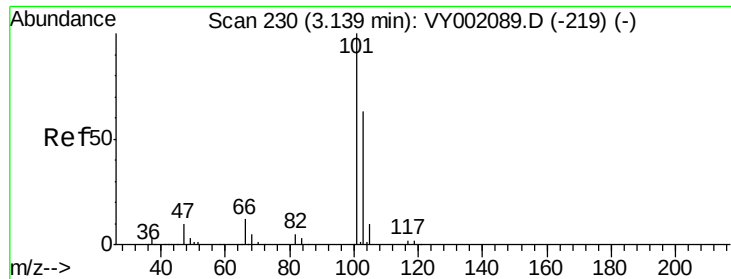
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5000

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Time-->





#7

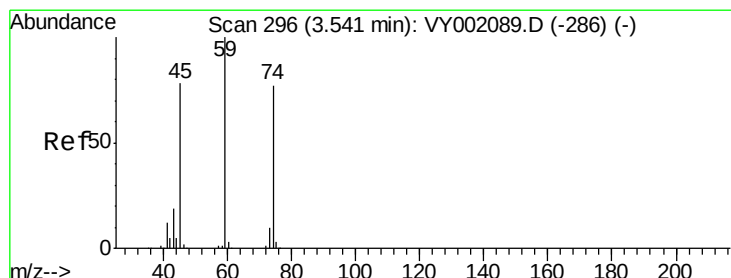
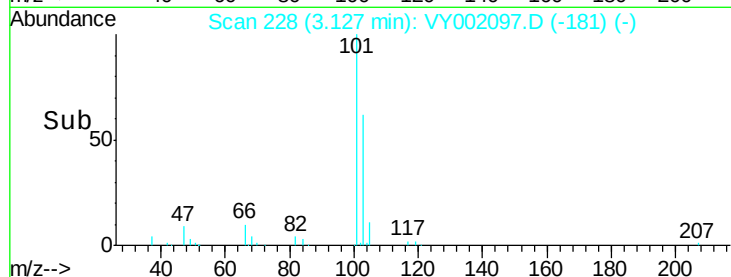
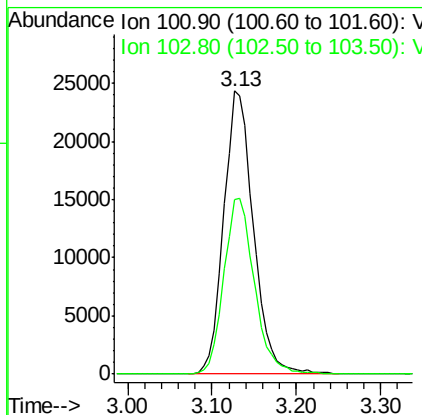
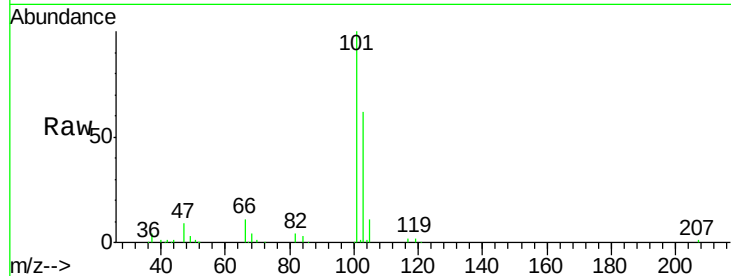
Trichlorofluoromethane
 Concen: 22.382 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Instrument :
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 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	50.6	76.0

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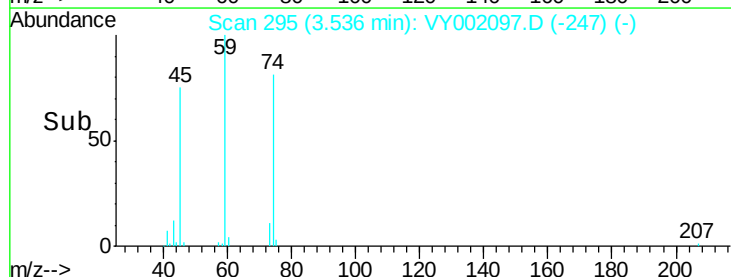
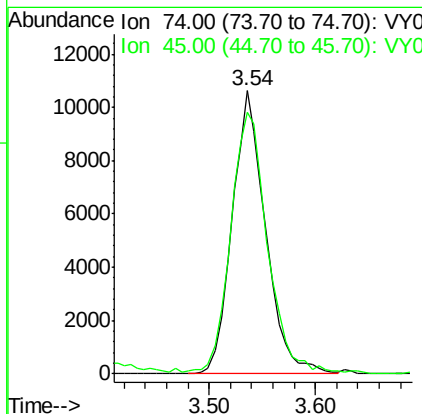
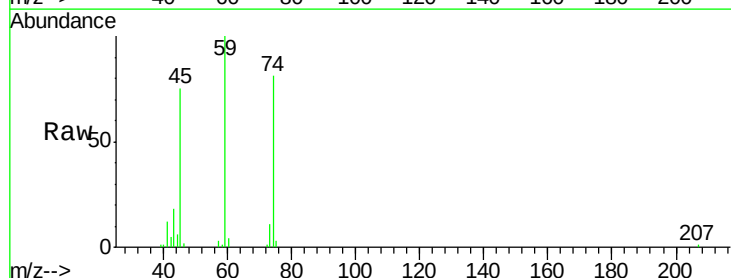
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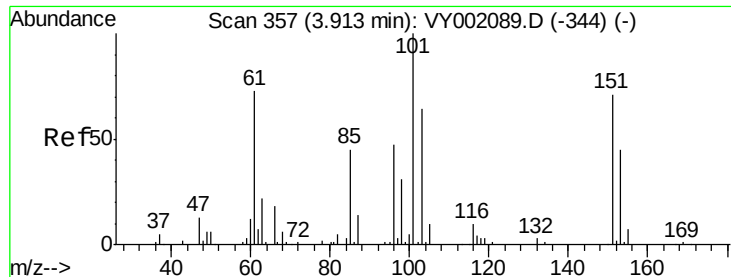


#8

Diethyl Ether
 Concen: 20.931 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.7	51.0	153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.002 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

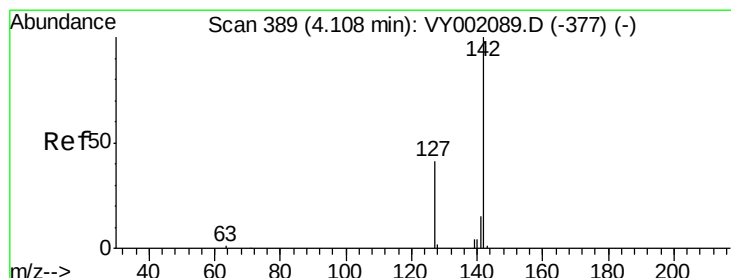
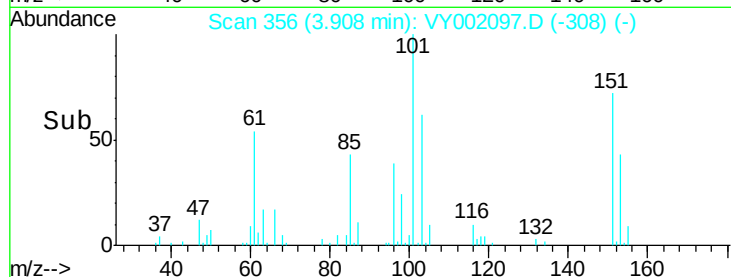
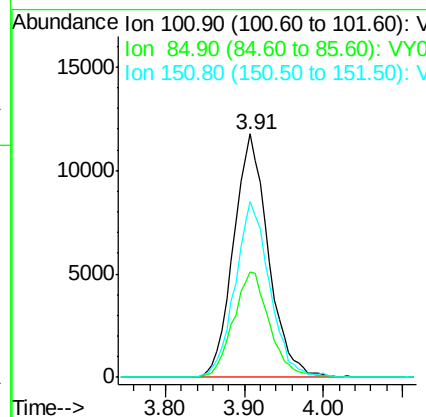
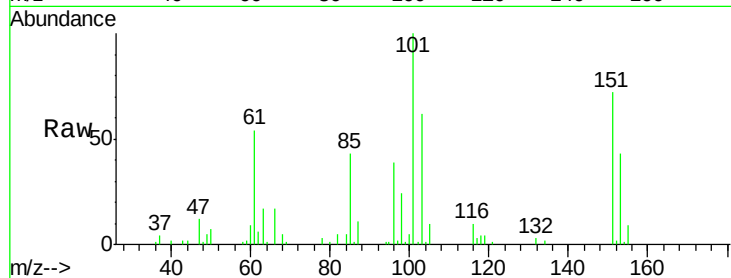
ClientSampleId :

VY0327SBS01

Tot Ion:	101	Resp:	36162
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.9	53.9
151	71.3	57.5	86.3

Manual Integrations
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#10

Methyl Iodide

Concen: 20.383 ug/l

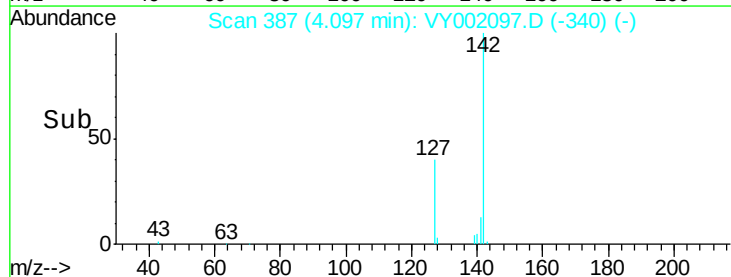
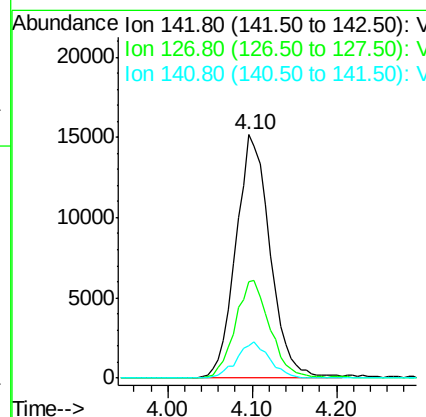
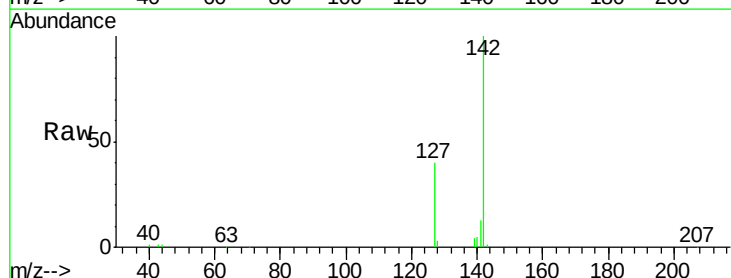
RT: 4.10 min Scan# 387

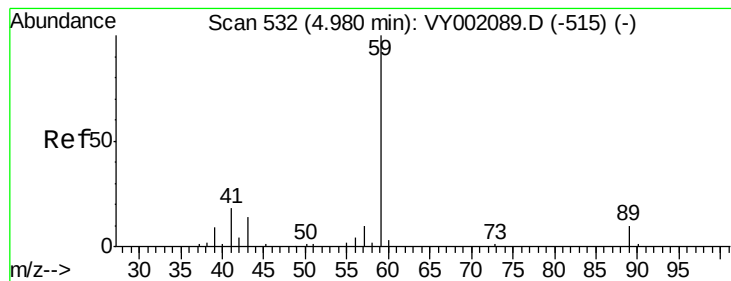
Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Tgt Ion:	142	Resp:	41731
Ion Ratio	Lower	Upper	
142	100		
127	40.6	32.6	49.0
141	14.1	11.4	17.0





#11

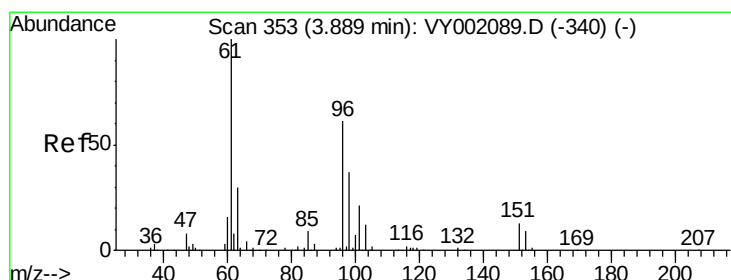
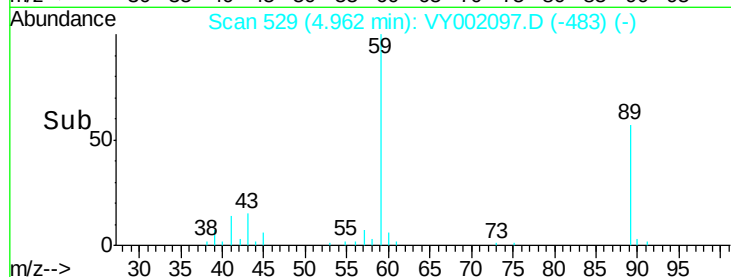
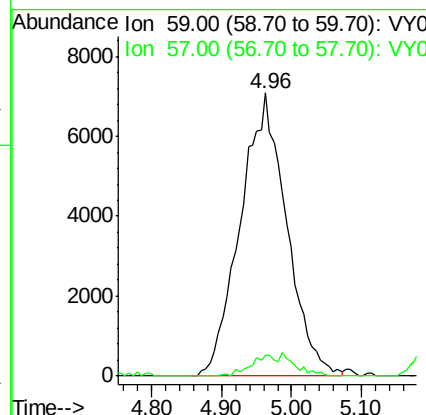
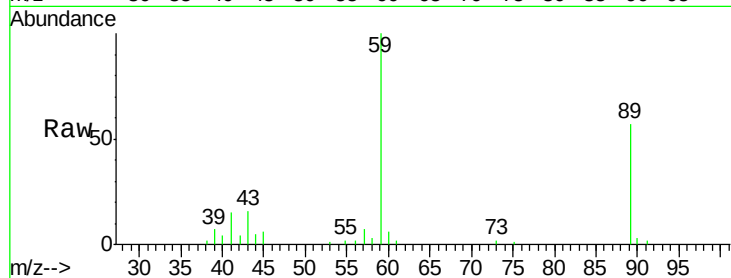
Tert butyl alcohol
 Concen: 154.955 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion: 59 Resp: 32526
 Ion Ratio Lower Upper
 59 100
 57 4.2 7.7 11.5#

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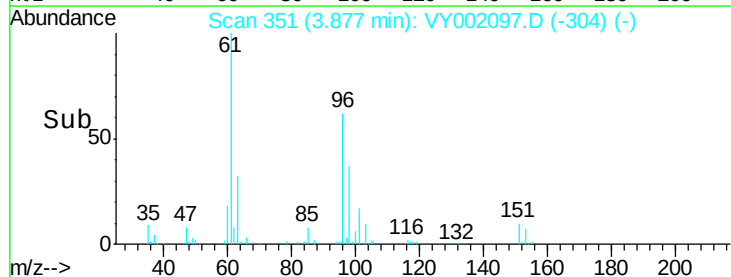
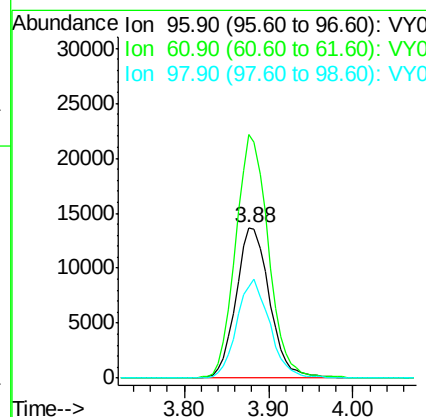
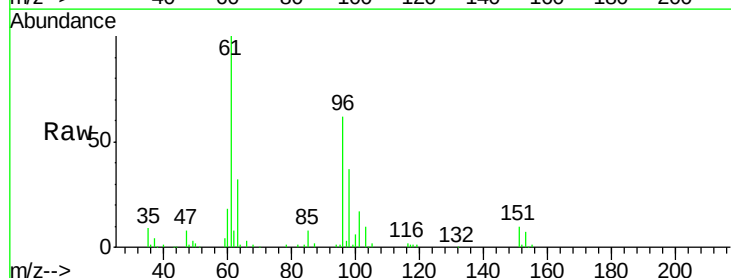
apatel
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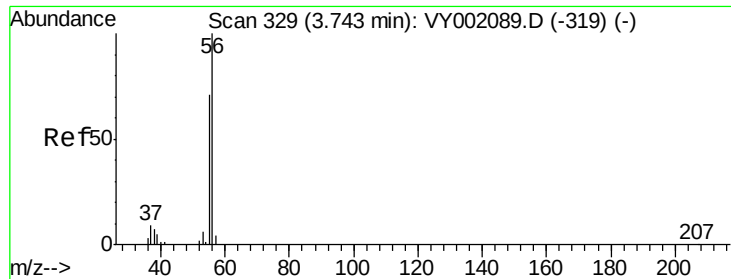


#12

1,1-Dichloroethene
 Concen: 21.160 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion: 96 Resp: 36995
 Ion Ratio Lower Upper
 96 100
 61 161.9 132.0 198.0
 98 60.3 49.4 74.0





#13

Acrolein

Concen: 95.265 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tot Ion: 56 Resp: 24993

Ion Ratio Lower Upper

56 100

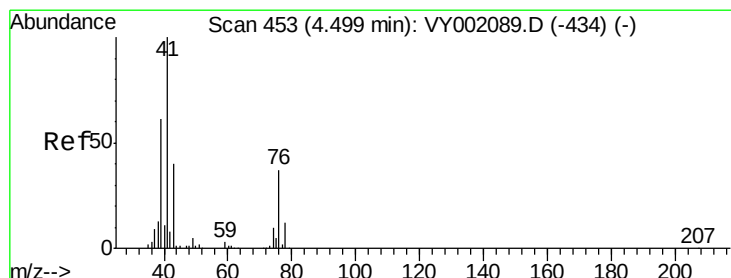
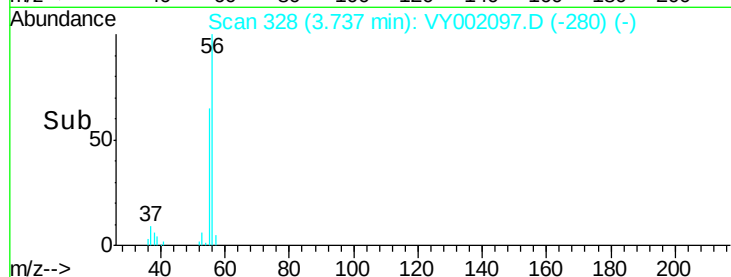
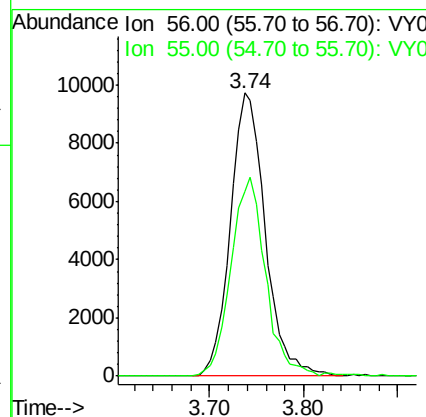
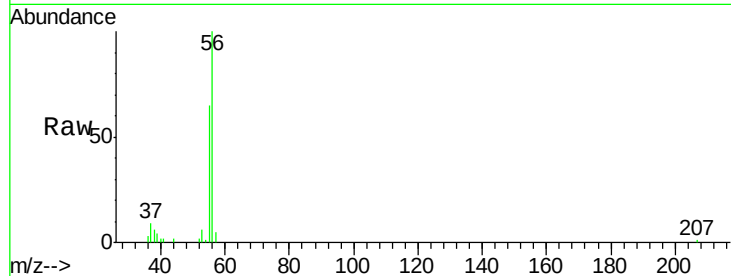
55 69.4 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 21.072 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

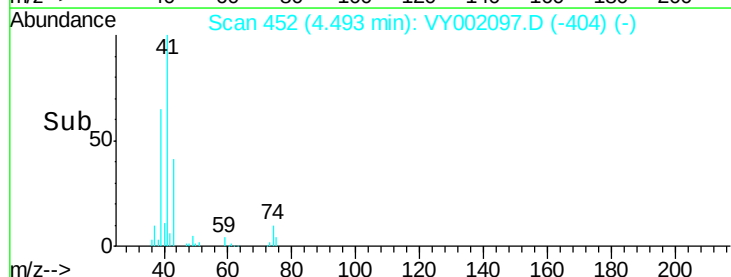
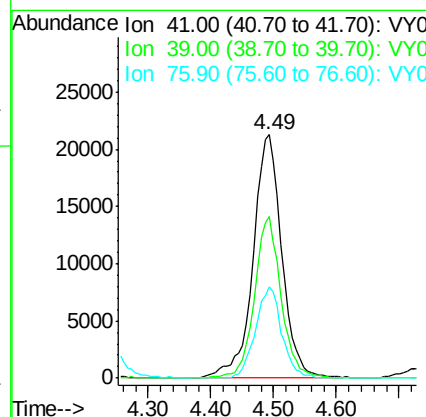
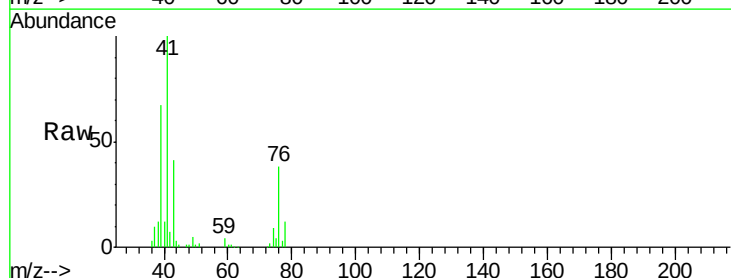
Tgt Ion: 41 Resp: 67446

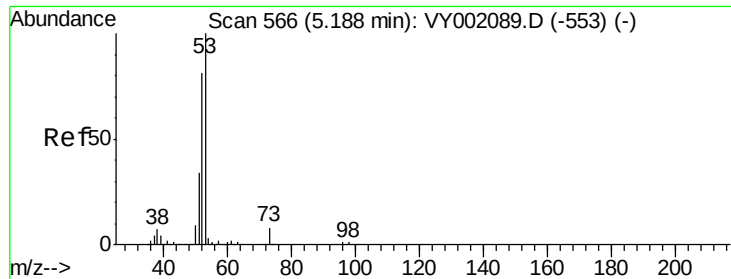
Ion Ratio Lower Upper

41 100

39 61.5 49.0 73.4

76 34.1 27.8 41.8





#15

Acrylonitrile

Concen: 107.382 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

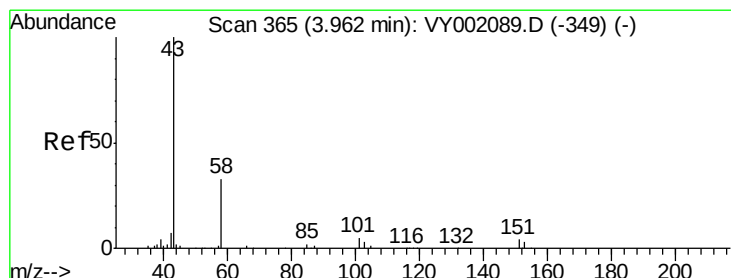
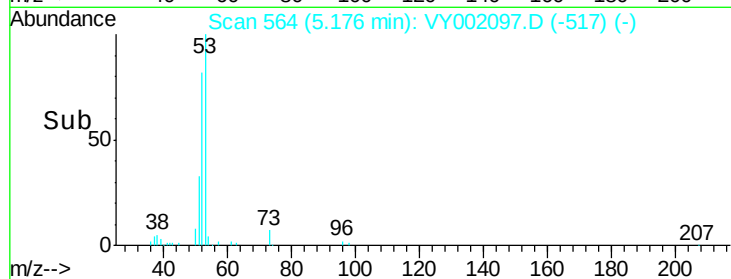
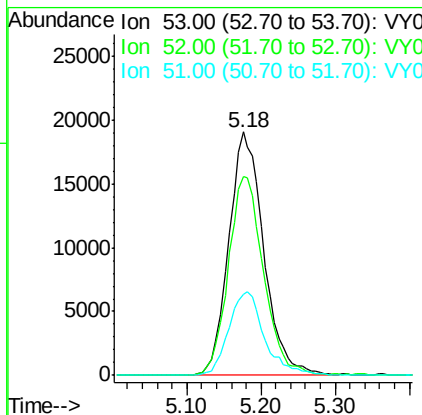
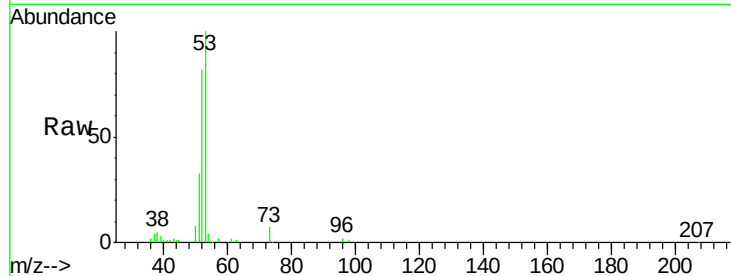
ClientSampleId :

VY0327SBS01

Tot Ion:	53	Resp:	62561
Ion	Ratio	Lower	Upper
53	100		
52	82.6	64.6	97.0
51	35.1	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 105.375 ug/l

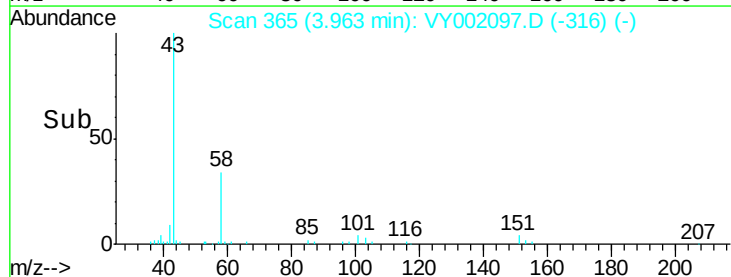
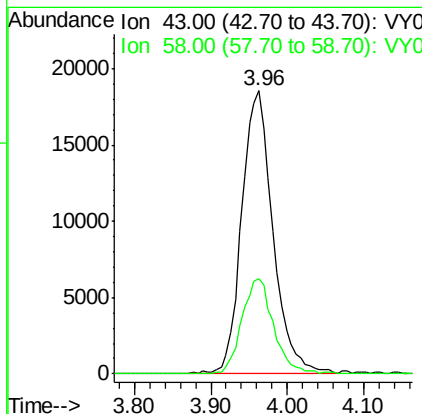
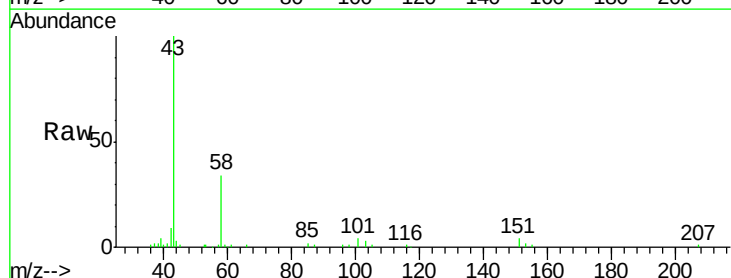
RT: 3.96 min Scan# 365

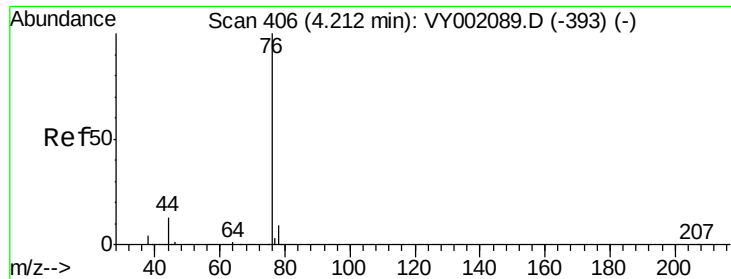
Delta R.T. 0.00 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Tgt Ion:	43	Resp:	52733
Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.3	39.5





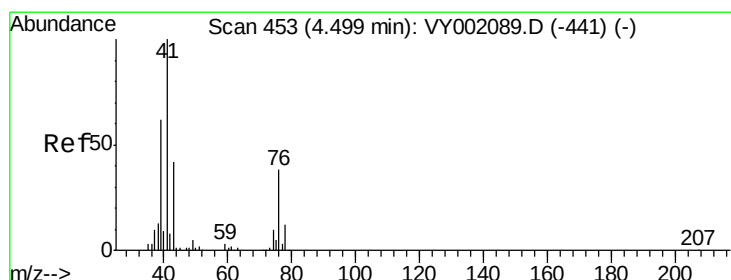
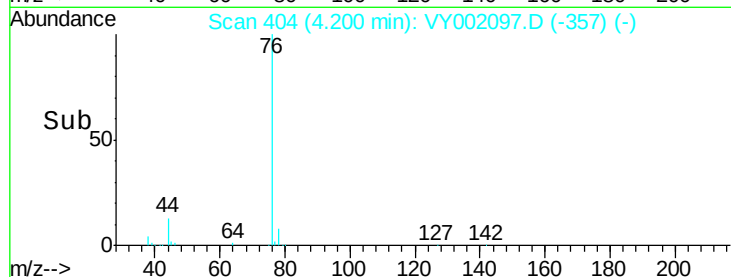
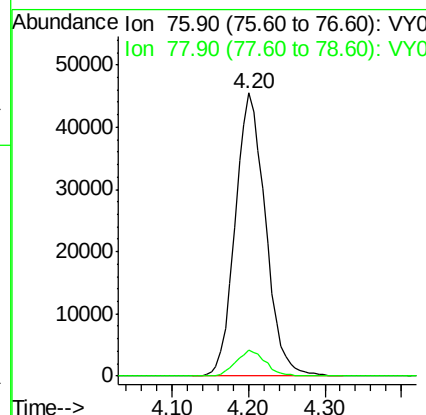
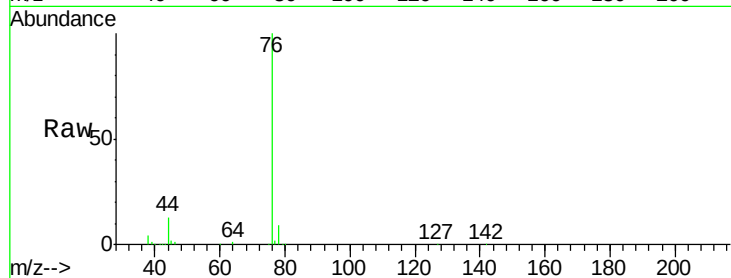
#17
Carbon Disulfide
Concen: 21.435 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

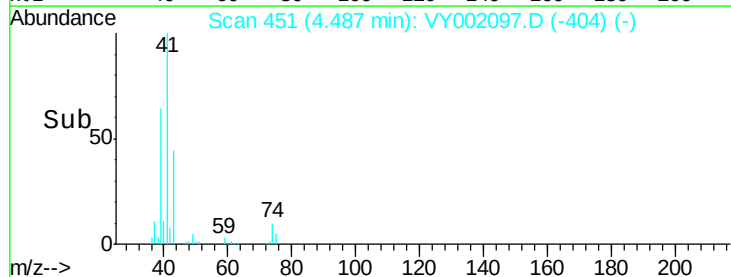
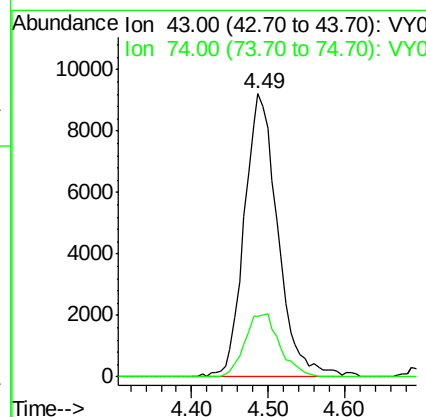
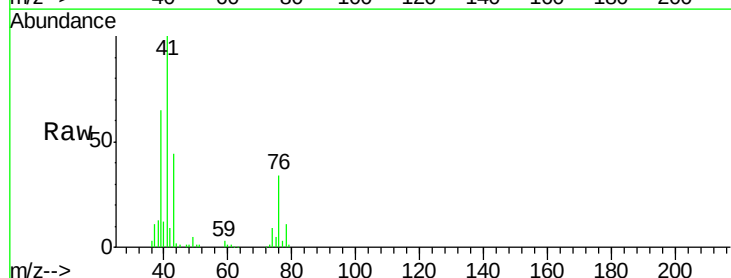
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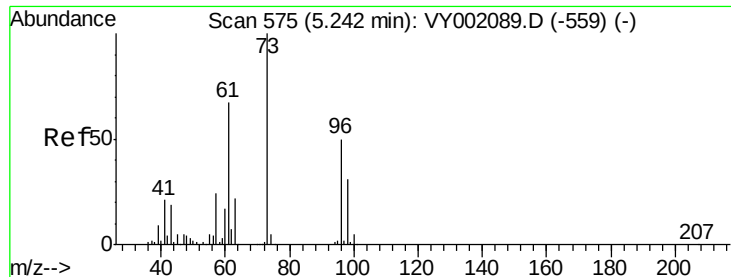
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#18
Methyl Acetate
Concen: 21.608 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.3	27.5





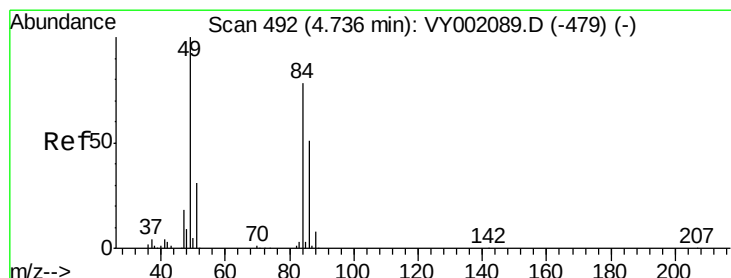
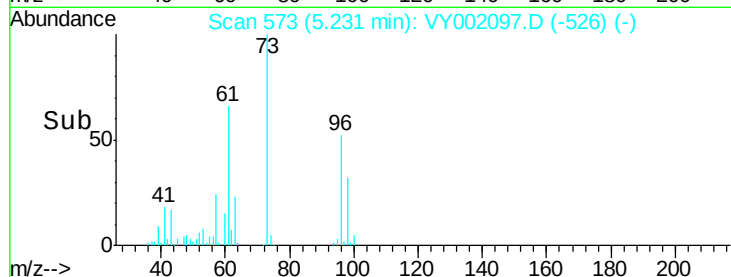
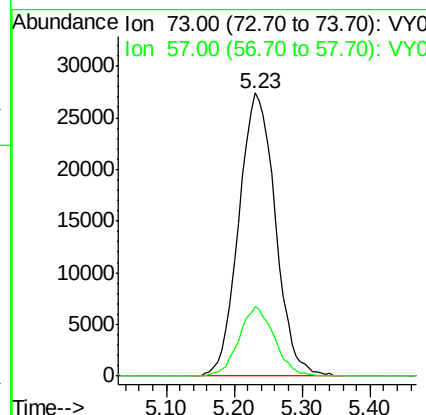
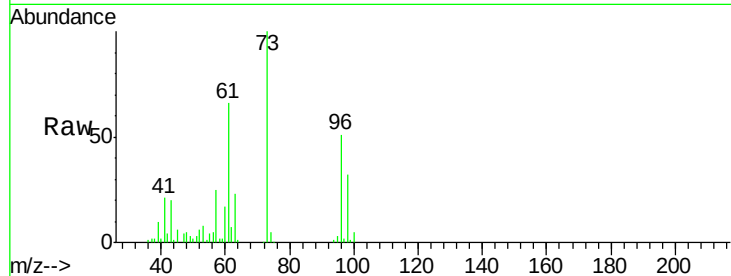
#19
Methyl tert-butyl Ether
Concen: 20.982 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.6	19.0	28.6

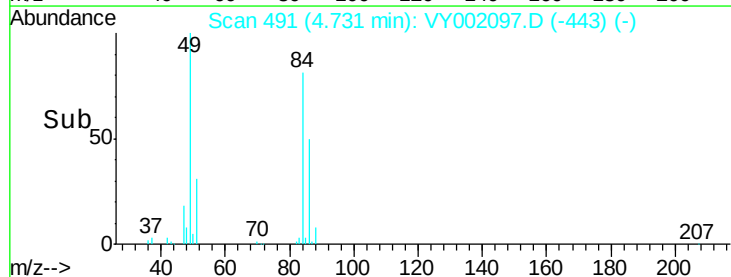
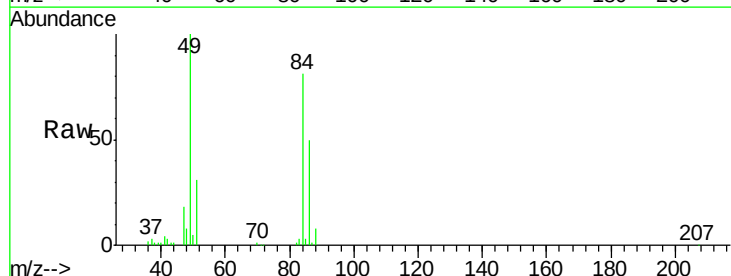
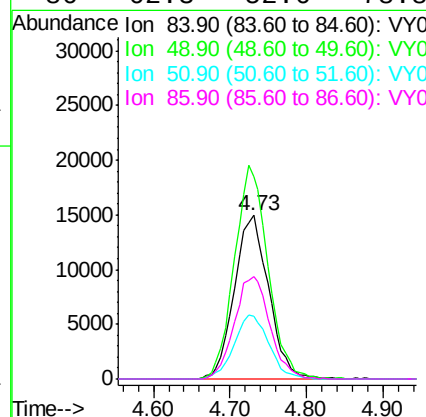
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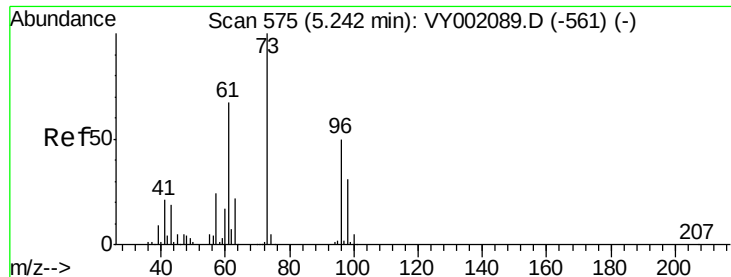
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#20
Methylene Chloride
Concen: 19.298 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.4	102.2	153.4
51	38.4	31.2	46.8
86	62.3	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 21.184 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

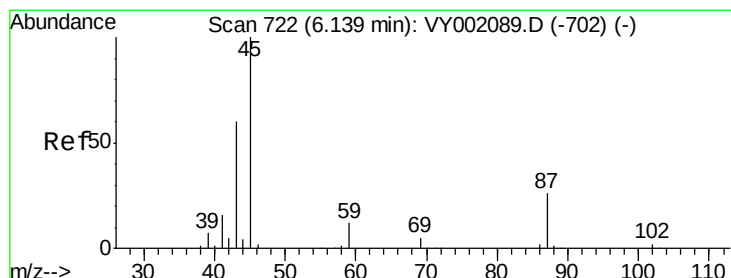
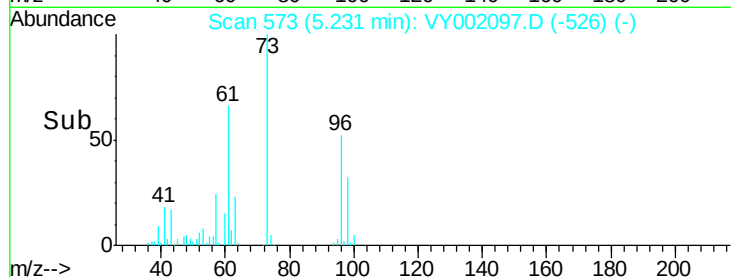
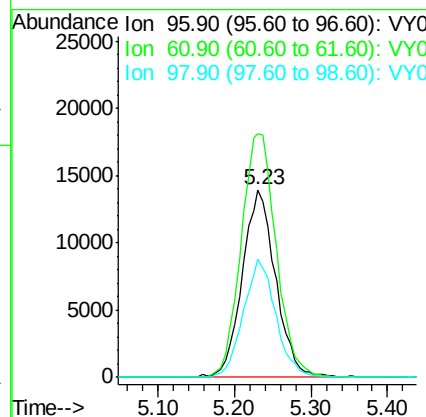
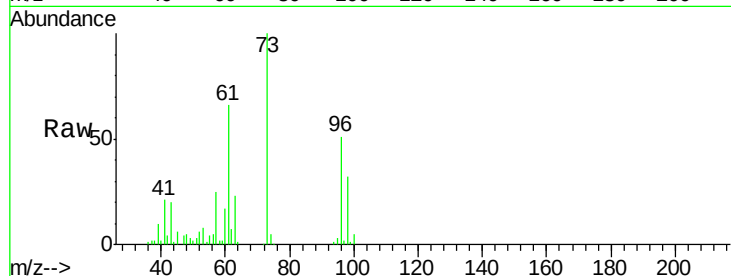
ClientSampleId :

VY0327SBS01

Tot Ion:	96	Resp:	42171
Ion	Ratio	Lower	Upper
96	100		
61	129.6	107.7	161.5
98	62.6	50.5	75.7

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#22

Diisopropyl ether

Concen: 21.078 ug/l

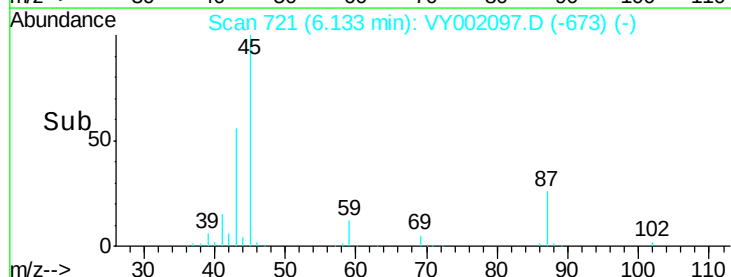
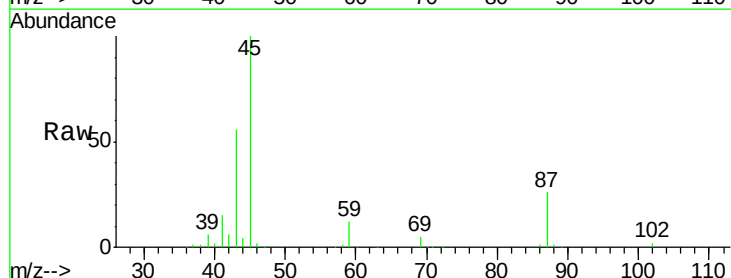
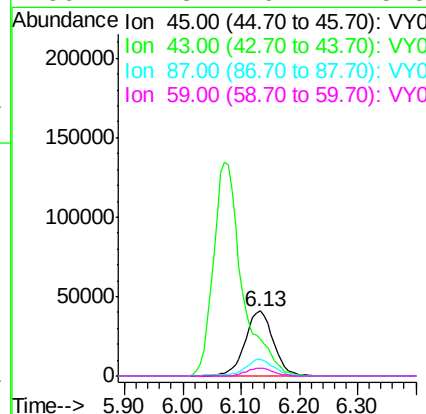
RT: 6.13 min Scan# 721

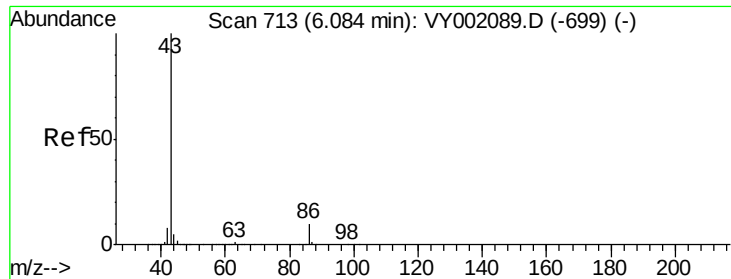
Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Tgt Ion:	45	Resp:	138064
Ion	Ratio	Lower	Upper
45	100		
43	55.8	48.1	72.1
87	26.2	21.1	31.7
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 106.909 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tot Ion: 43 Resp: 459194

Ion Ratio Lower Upper

43 100

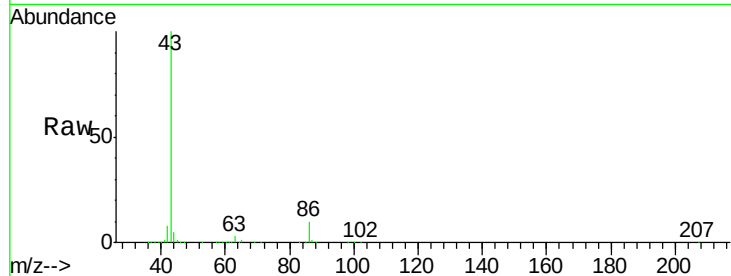
86 9.7 7.9 11.9

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

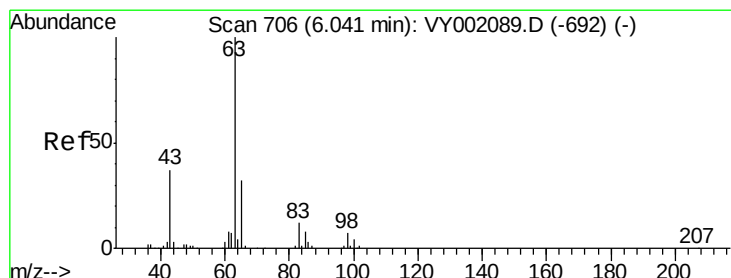
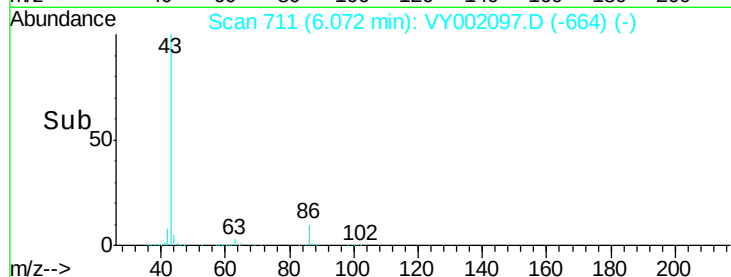
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.758 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

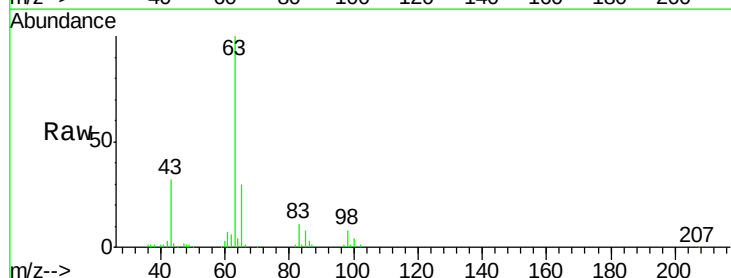
Tgt Ion: 63 Resp: 72293

Ion Ratio Lower Upper

63 100

98 7.8 3.3 9.9

100 3.6 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

6.03

30000

25000

20000

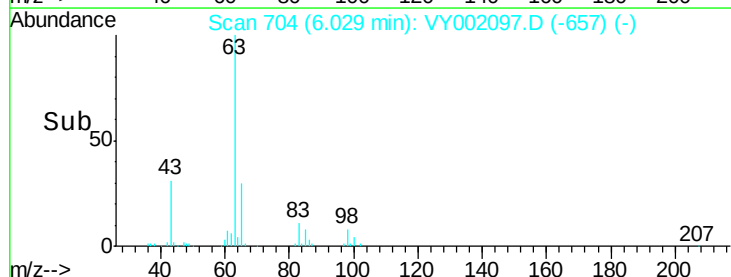
15000

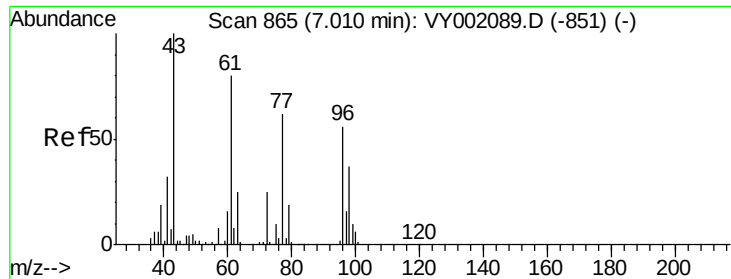
10000

5000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 108.513 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tot Ion: 43 Resp: 83383

Ion Ratio Lower Upper

43 100

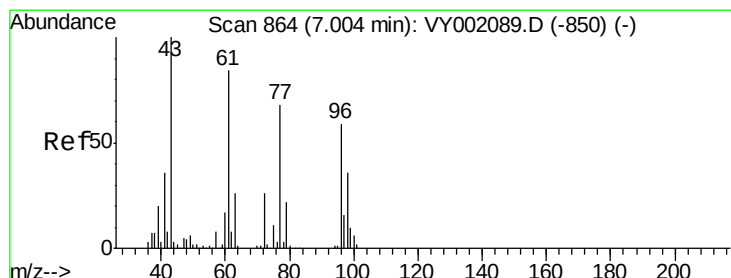
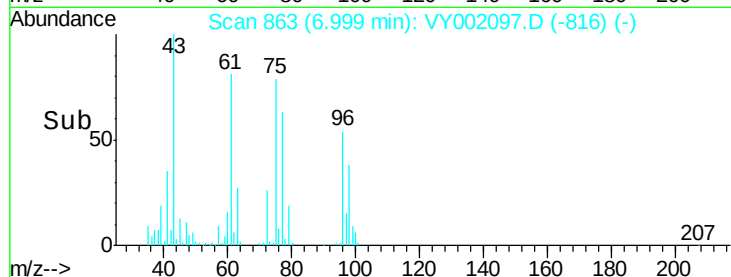
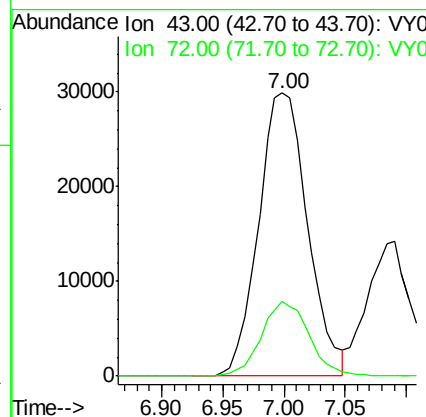
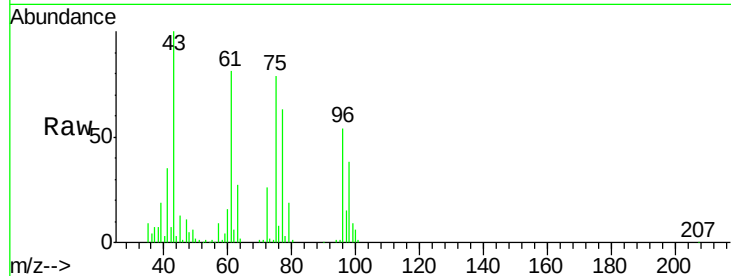
72 26.3 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 21.457 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002097.D

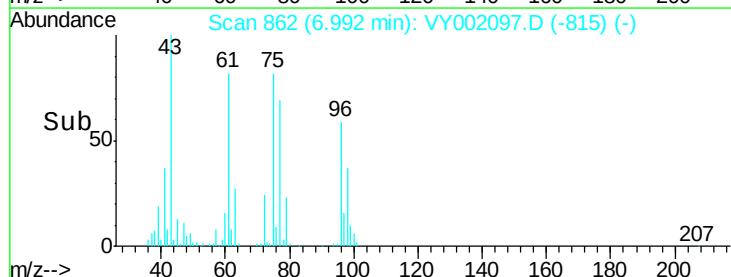
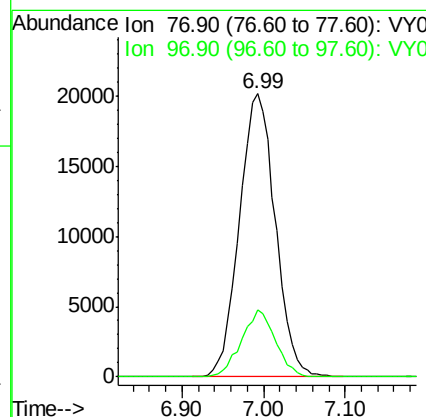
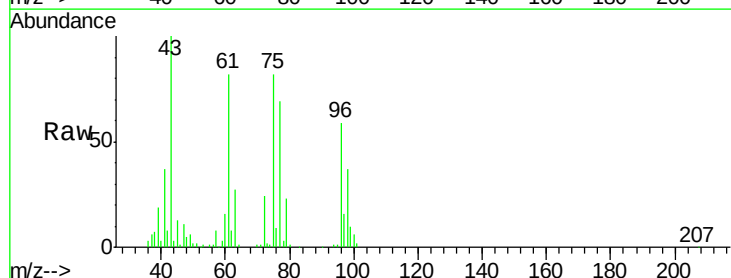
Acq: 27 Mar 2020 12:10

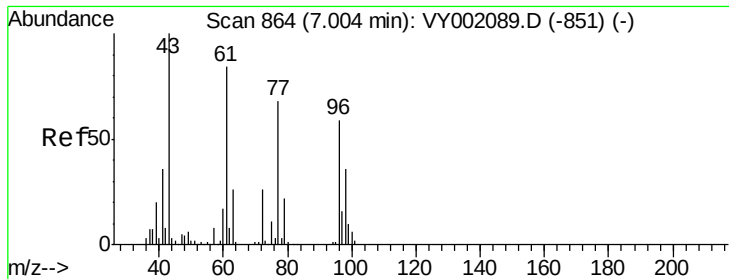
Tgt Ion: 77 Resp: 61546

Ion Ratio Lower Upper

77 100

97 22.4 11.7 35.1





#27

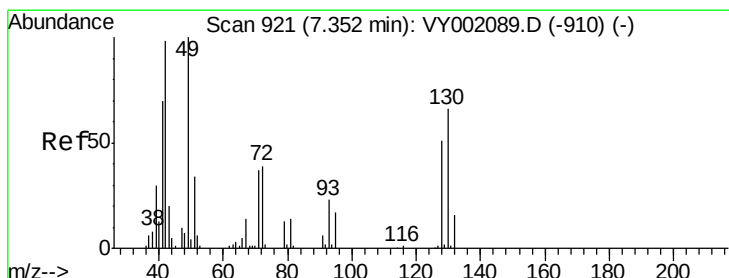
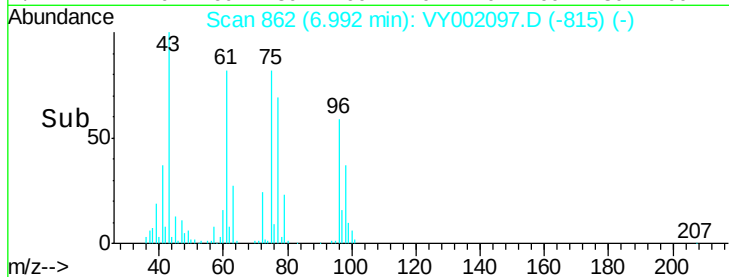
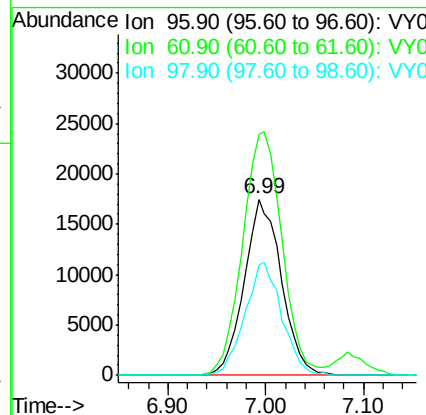
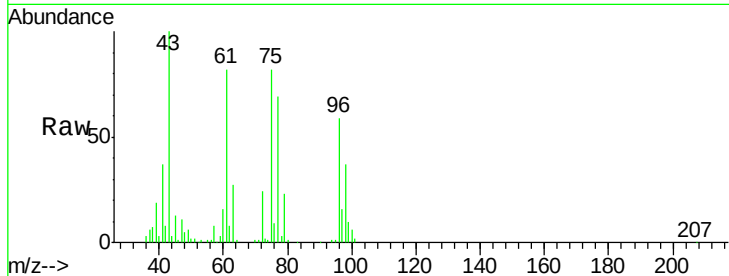
cis-1,2-Dichloroethene
 Concen: 21.031 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	290.6
98	63.8	0.0	128.0

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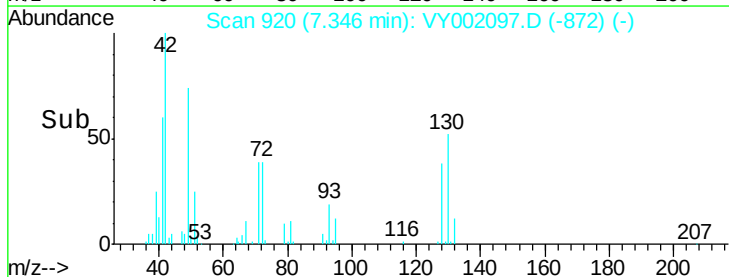
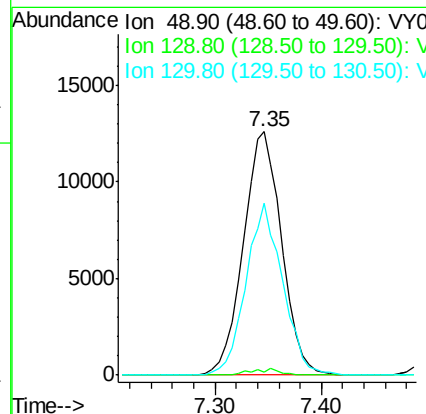
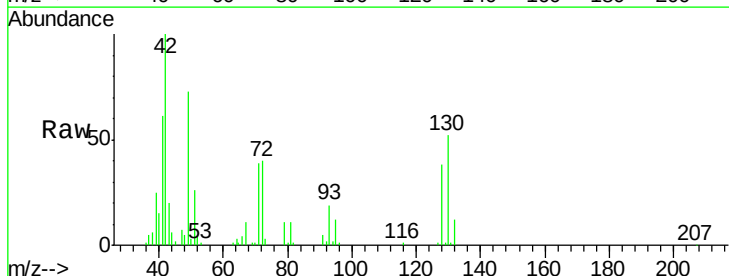
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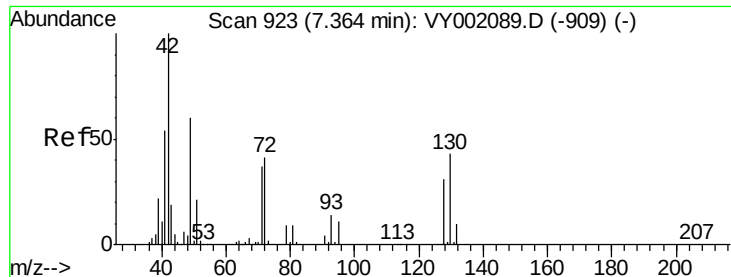


#28

Bromochloromethane
 Concen: 19.947 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	67.7	54.1	81.1





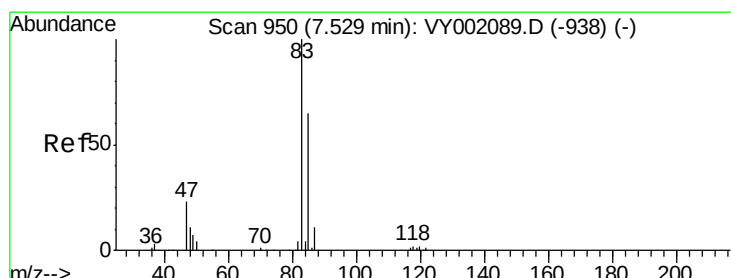
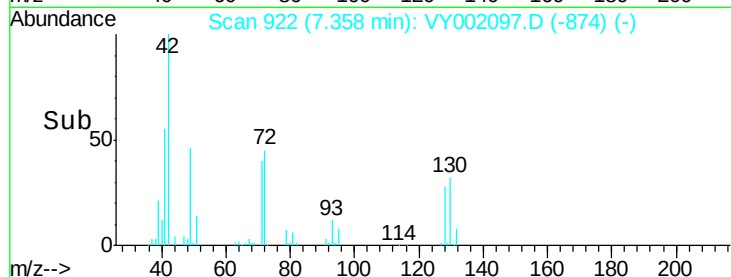
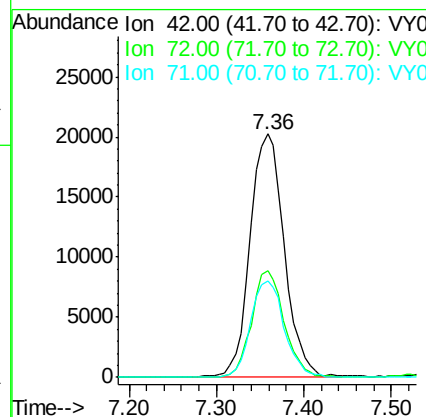
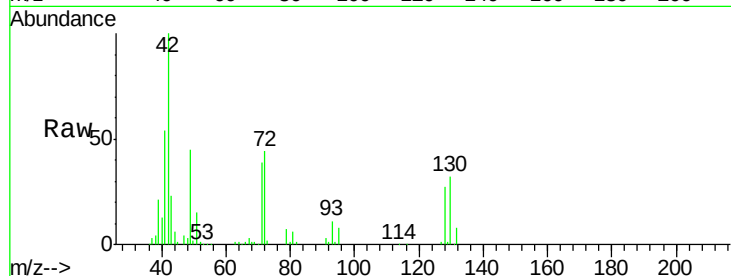
#29
Tetrahydrofuran
Concen: 109.479 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.0	49.4
71	38.8	31.2	46.8

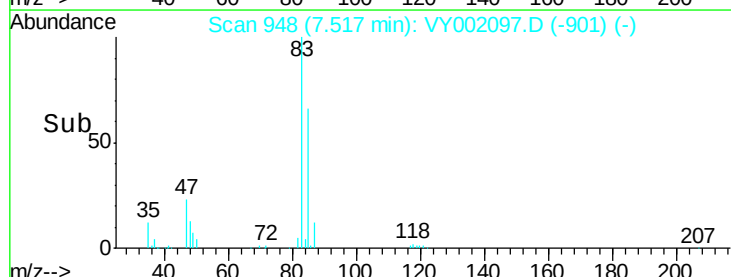
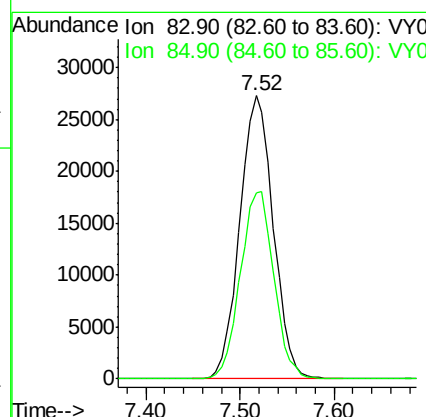
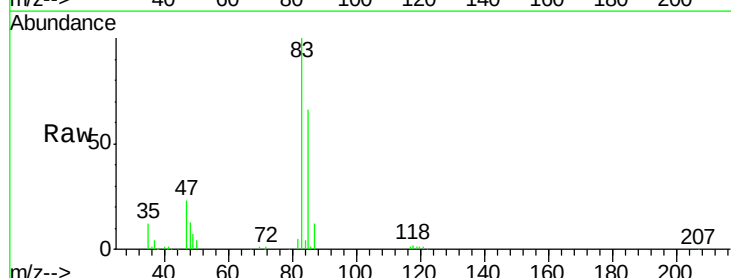
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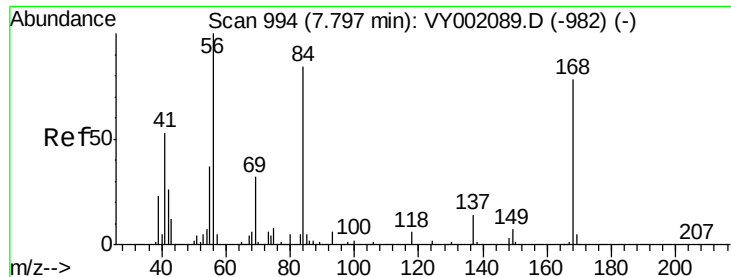
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#30
Chloroform
Concen: 20.441 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.4	78.6





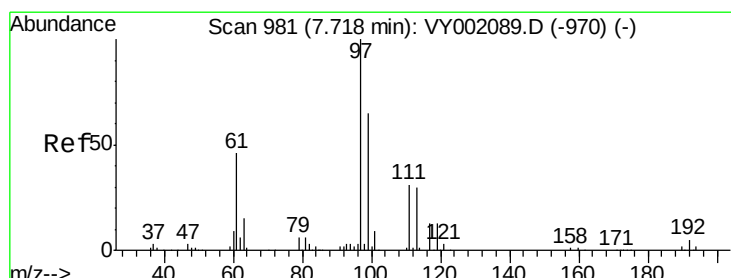
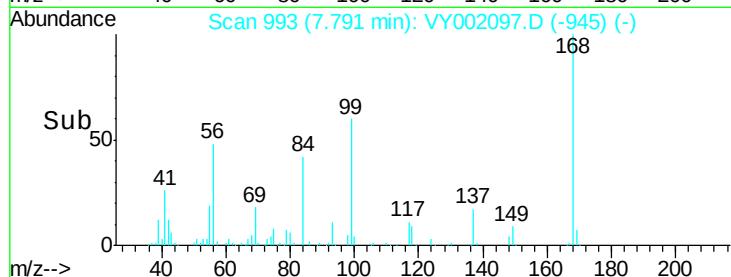
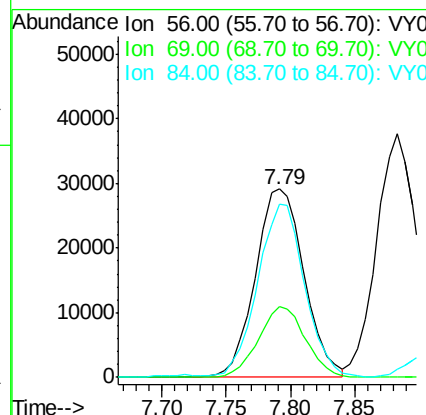
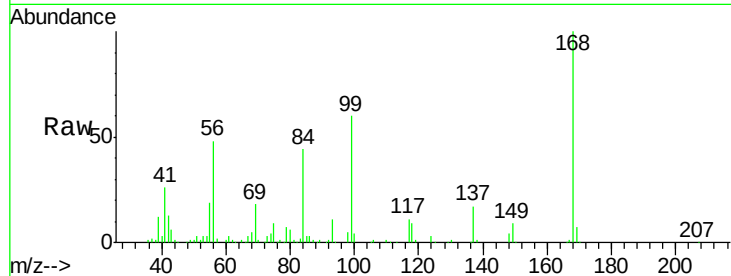
#31
Cyclohexane
Concen: 20.572 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.7	25.8	38.8
84	90.7	67.1	100.7

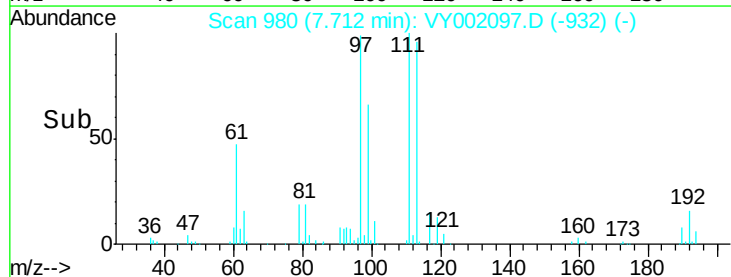
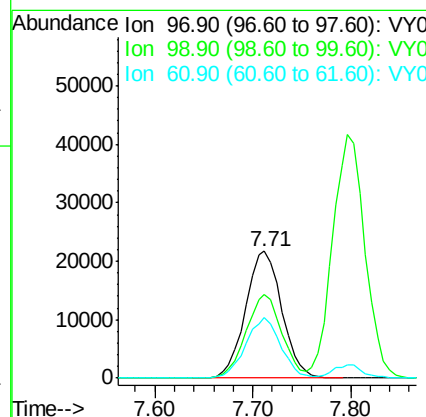
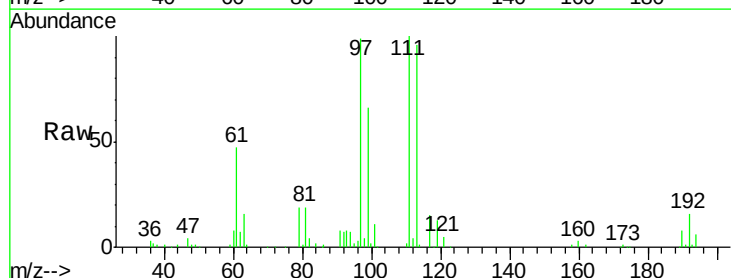
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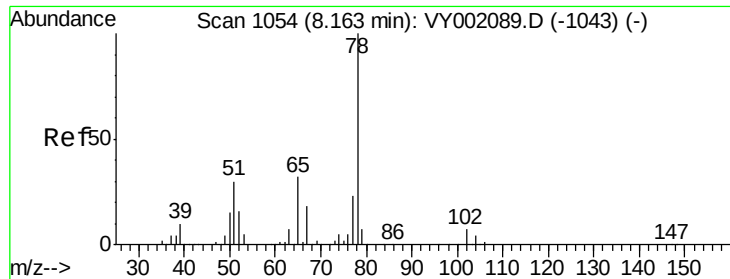
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#32
1,1,1-Trichloroethane
Concen: 20.301 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.0	78.0
61	45.7	35.7	53.5





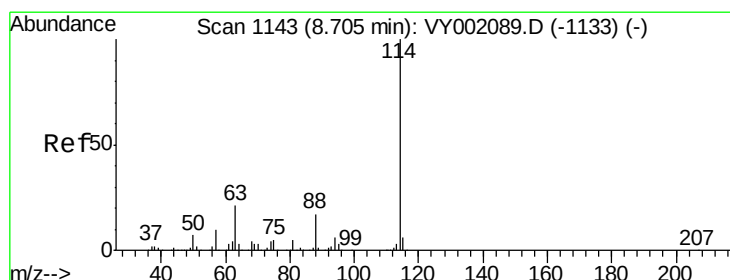
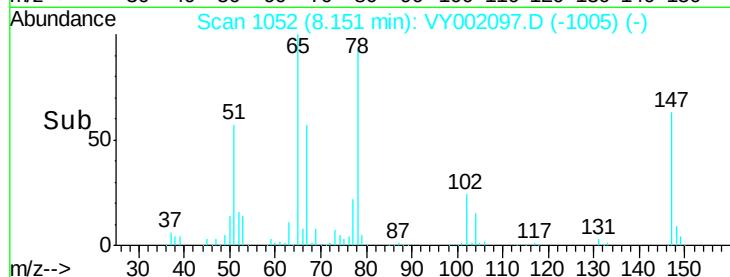
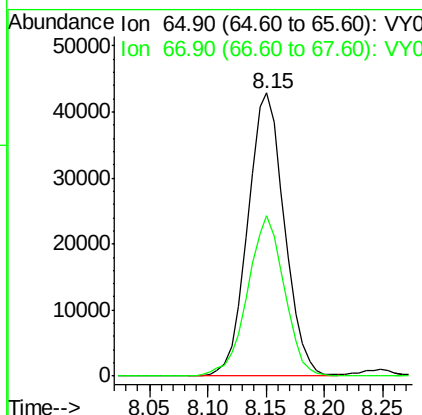
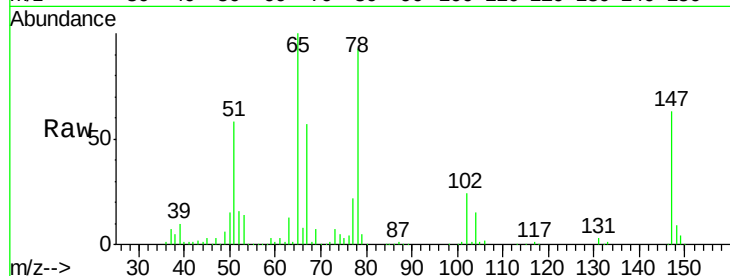
#33
 1,2-Dichloroethane-d4
 Concen: 52.613 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	56.8	0.0	112.8	

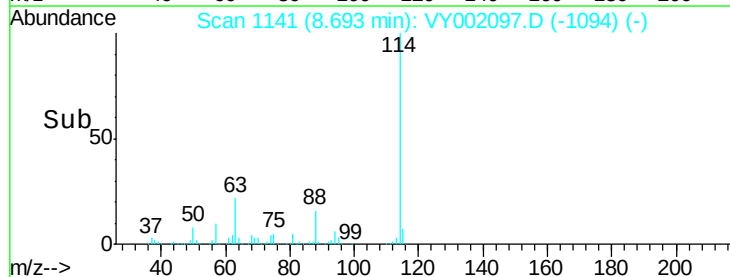
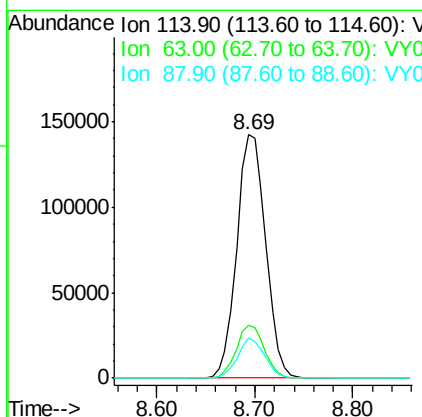
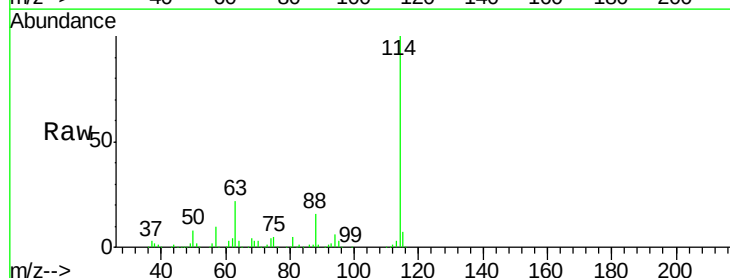
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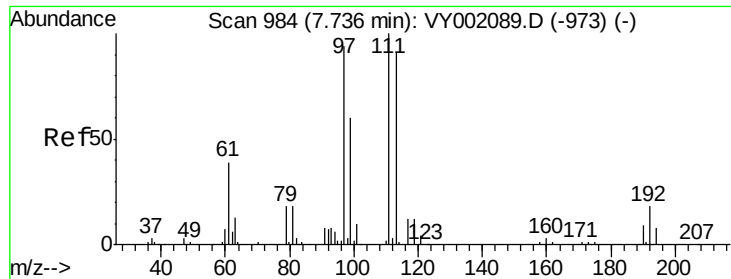
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.5	0.0	41.4	
88	16.3	0.0	33.0	





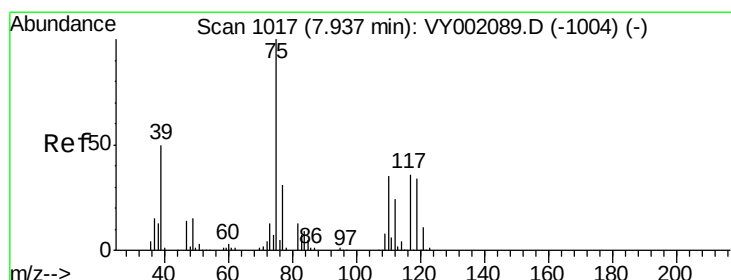
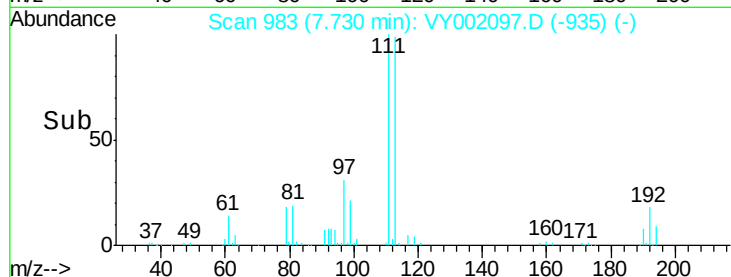
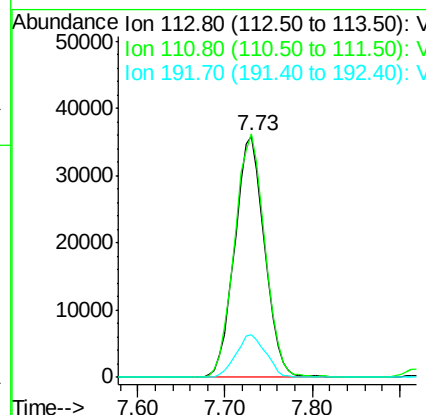
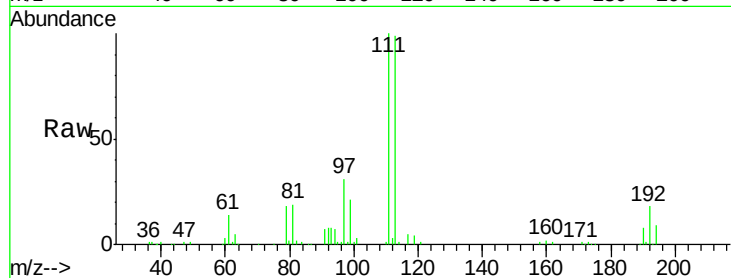
#35
 Dibromofluoromethane
 Concen: 52.224 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.4	126.6
192	17.7	14.6	21.8

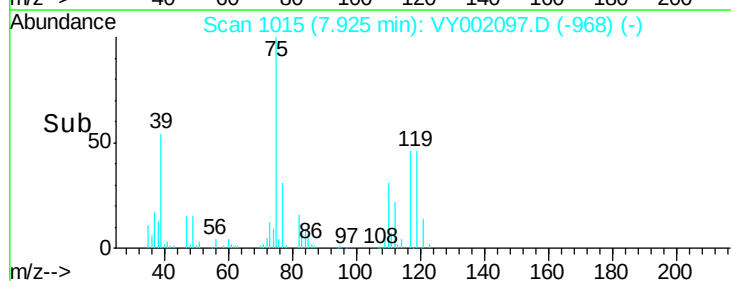
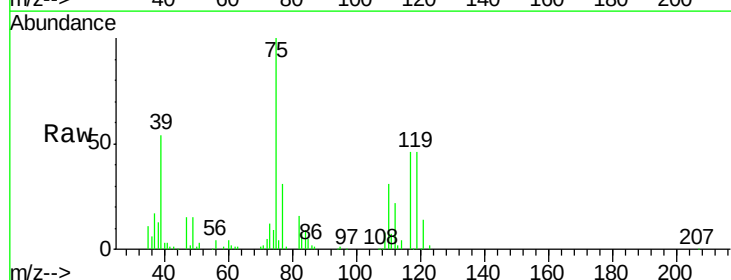
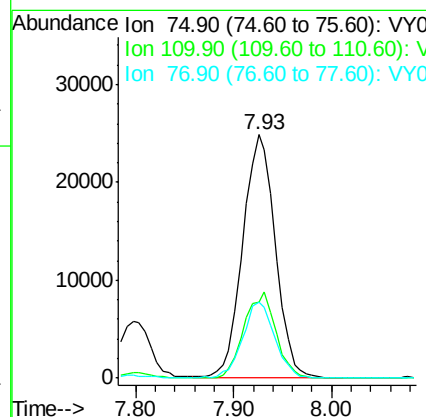
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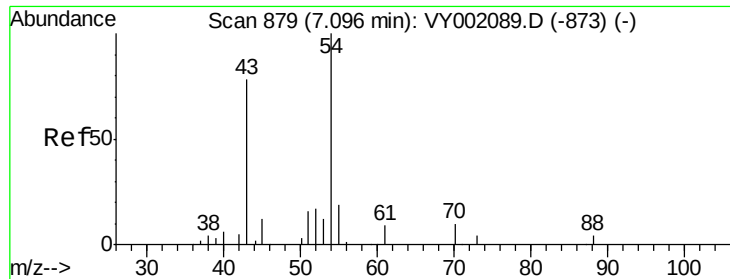
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#36
 1,1-Dichloropropene
 Concen: 20.920 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.2	51.6
77	30.6	24.7	37.1





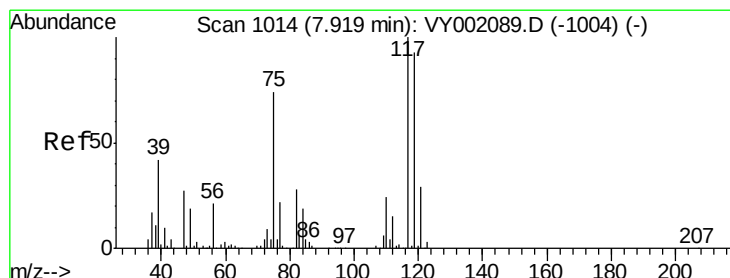
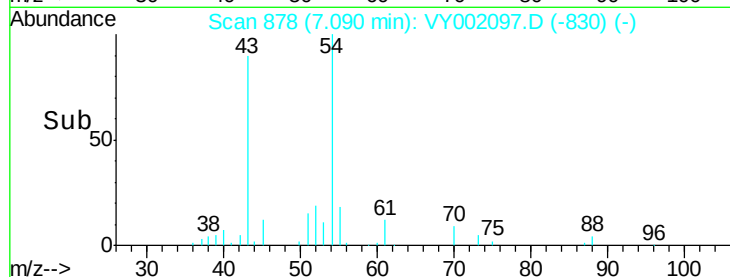
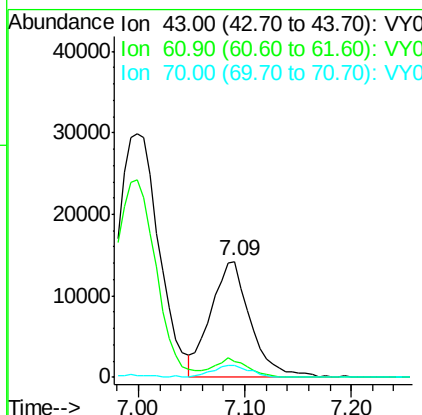
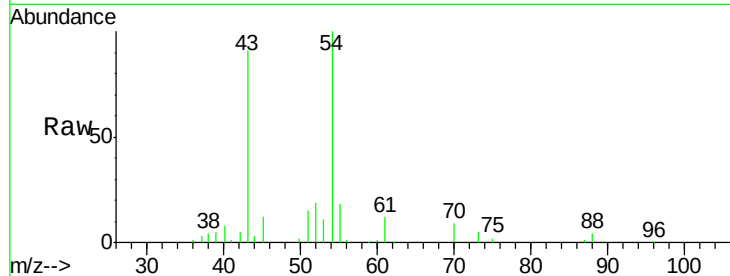
#37
Ethyl Acetate
Concen: 21.886 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.2	16.8
70	10.1	8.2	12.4

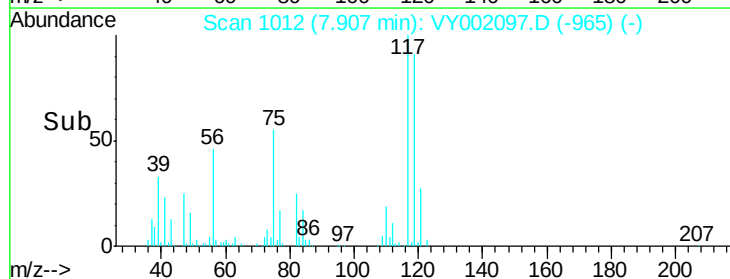
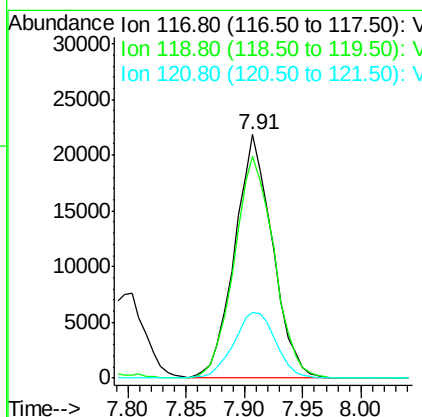
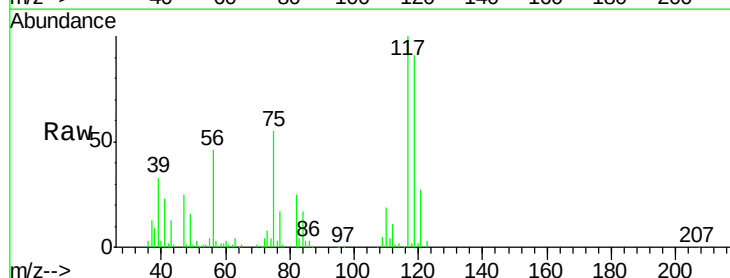
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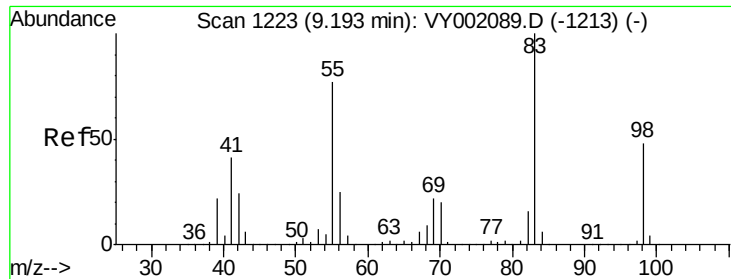
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#38
Carbon Tetrachloride
Concen: 21.111 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	74.3	111.5
121	27.1	23.3	34.9





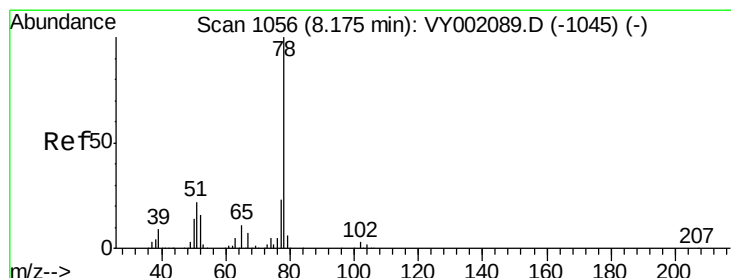
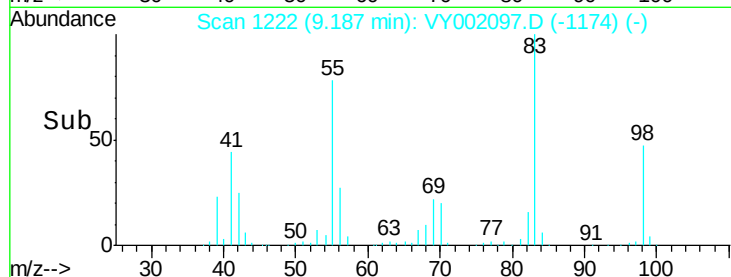
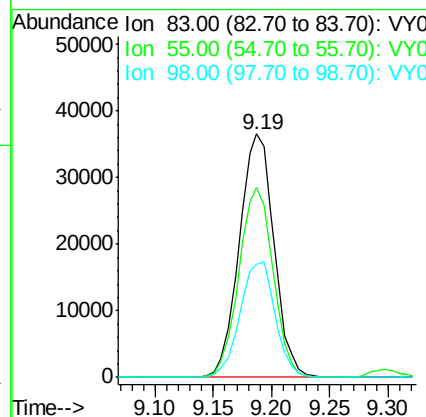
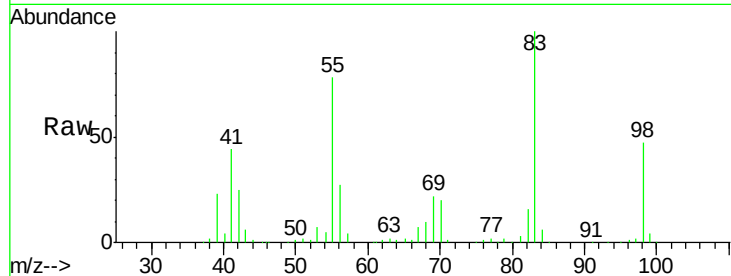
#39
Methylvlcyclohexane
Concen: 21.009 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.2	91.8
98	46.6	38.2	57.2

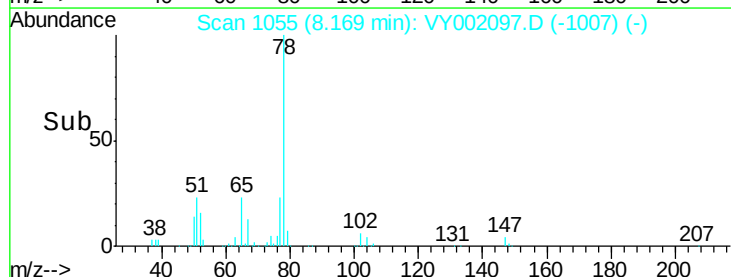
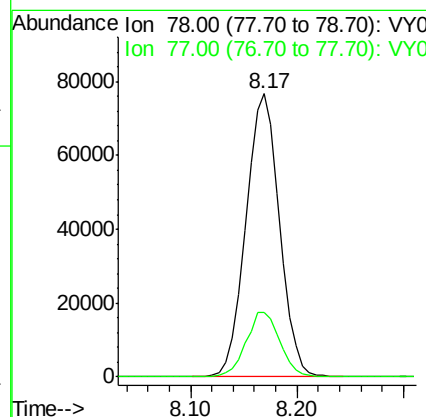
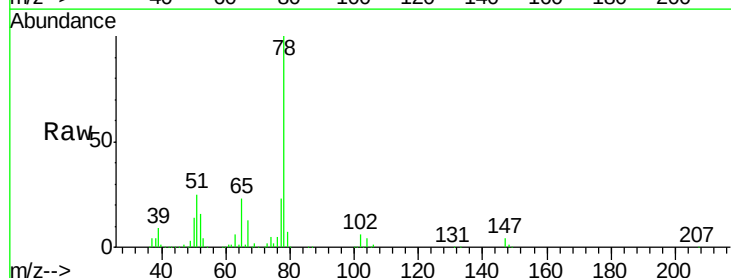
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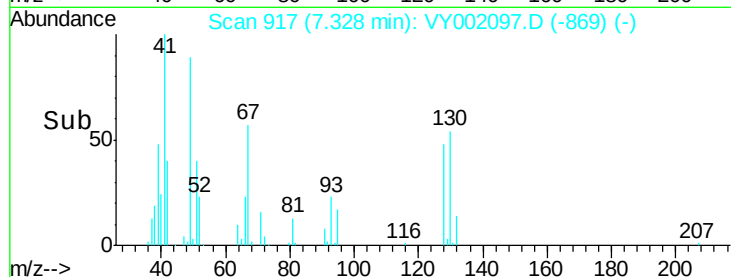
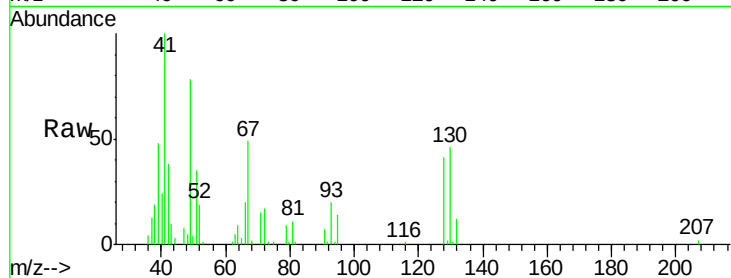
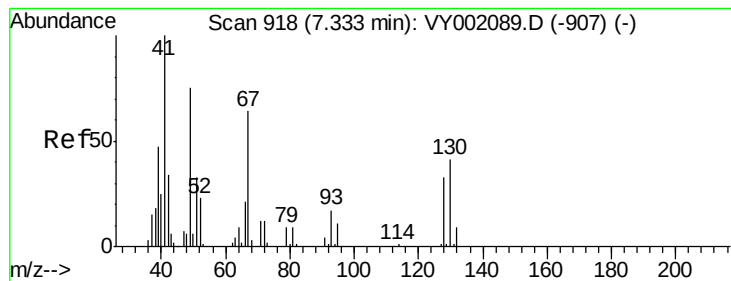
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#40
Benzene
Concen: 20.812 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.2	27.4





#41

Methacrylonitrile

Concen: 23.482 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Tot Ion	41	Resp:	19777
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 :

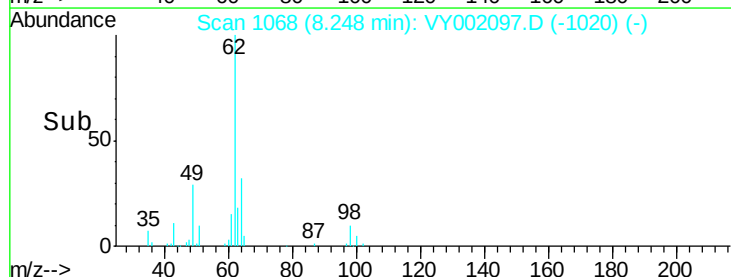
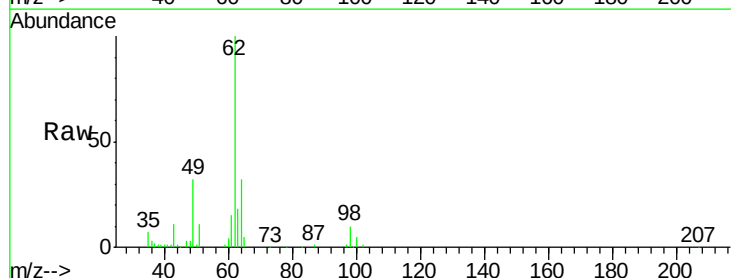
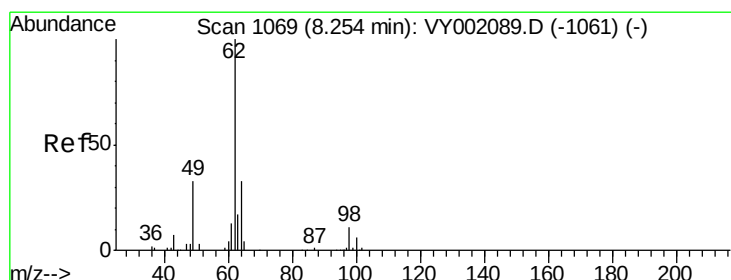
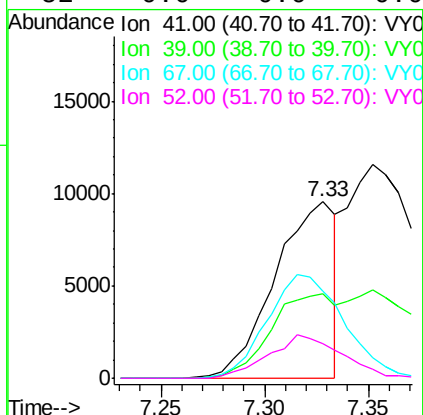
MSVOA_Y

ClientSampleId :

VY0327SBS01

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#42

1,2-Dichloroethane

Concen: 20.795 ug/l

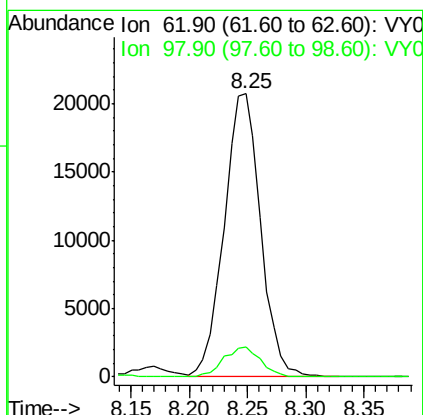
RT: 8.25 min Scan# 1068

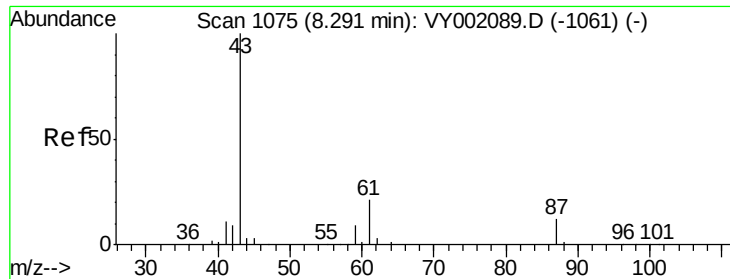
Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Tgt Ion	62	Resp:	45060
Ion Ratio	Lower	Upper	
62	100		
98	10.6	0.0	21.2





#43

Isopropyl Acetate

Concen: 21.416 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

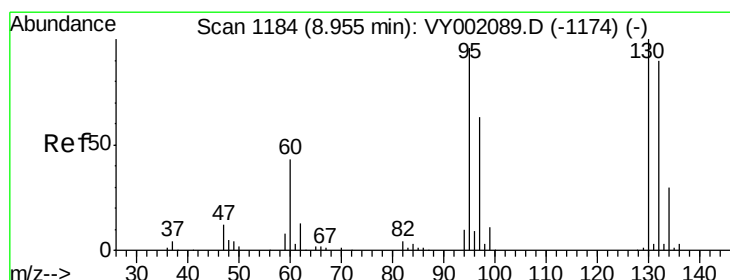
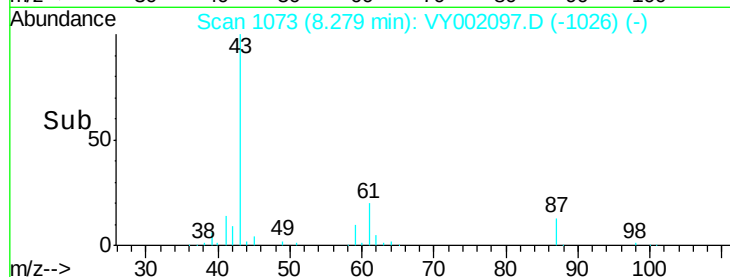
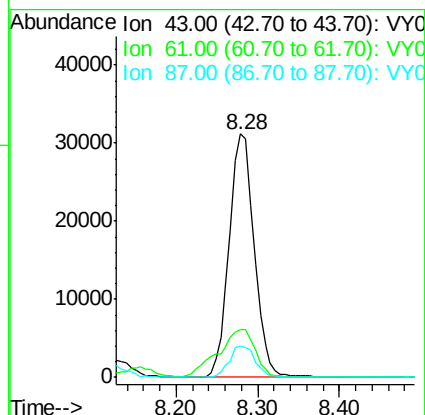
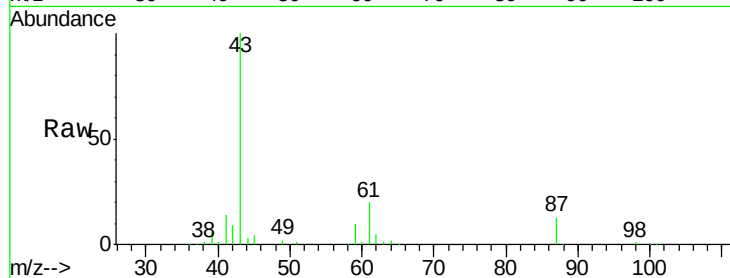
ClientSampleId :

VY0327SBS01

Tot Ion:	43	Resp:	66183
Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.4	35.2
87	13.2	10.2	15.4

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#44

Trichloroethene

Concen: 21.200 ug/l

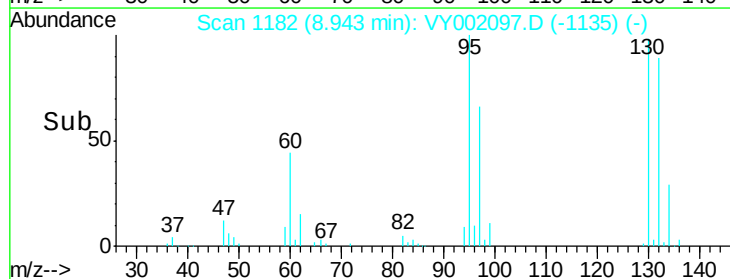
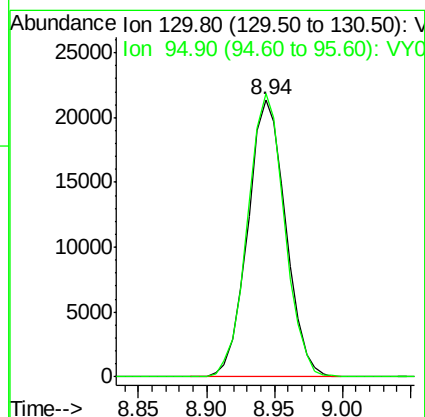
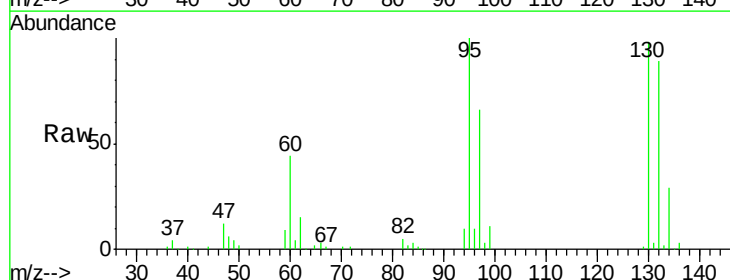
RT: 8.94 min Scan# 1182

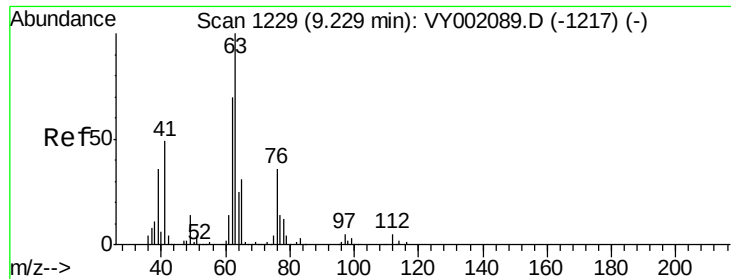
Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Tgt Ion:	130	Resp:	41709
Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	193.0





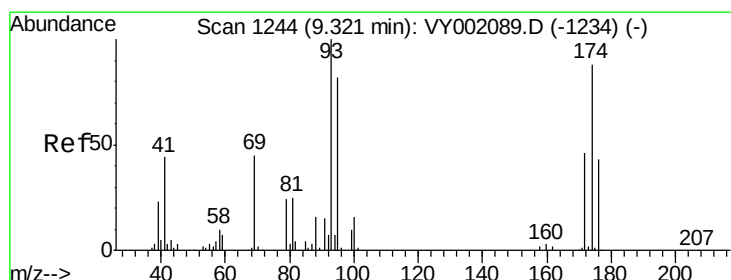
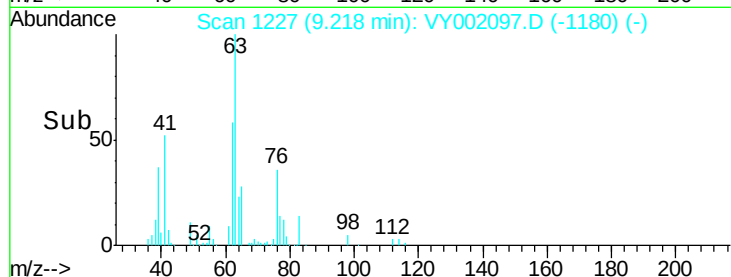
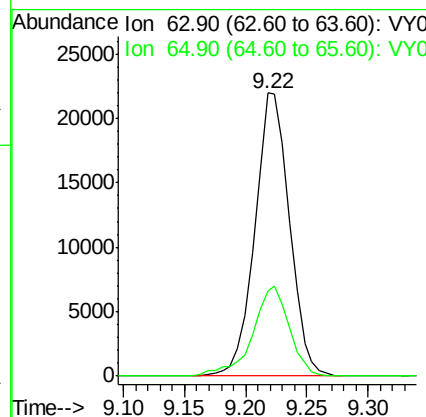
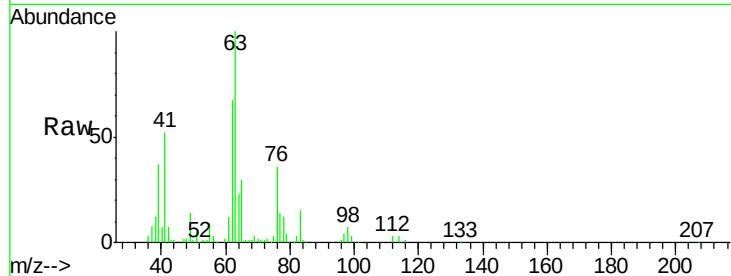
#45
 1,2-Dichloropropane
 Concen: 20.885 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion: 63 Resp: 43402
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.0 37.6

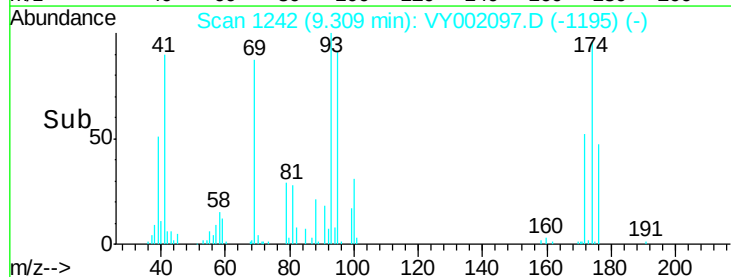
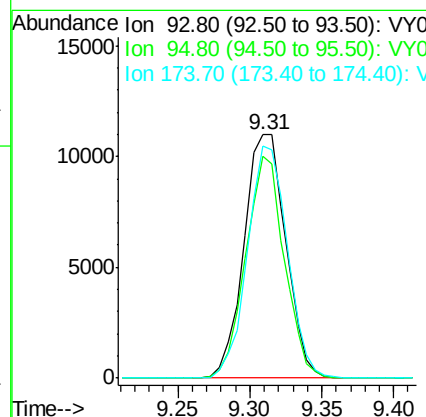
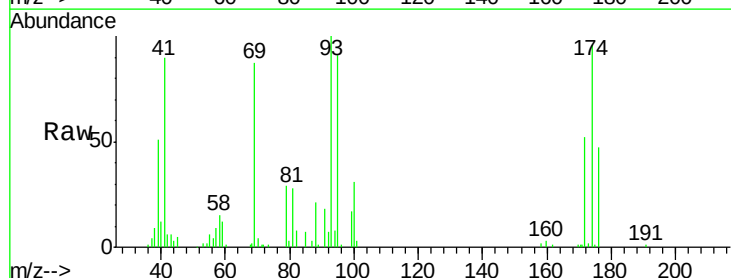
Manual Integrations
 APPROVED

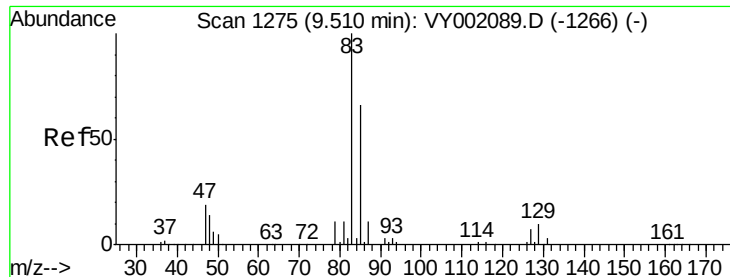
apatel
 3/30/2020 1:10:16 PM



#46
 Dibromomethane
 Concen: 20.701 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion: 93 Resp: 22093
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.0 99.0
 174 90.8 69.8 104.8





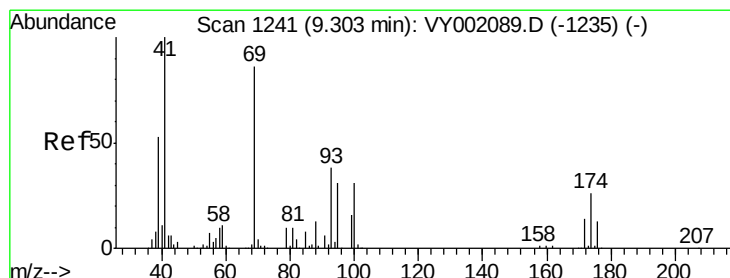
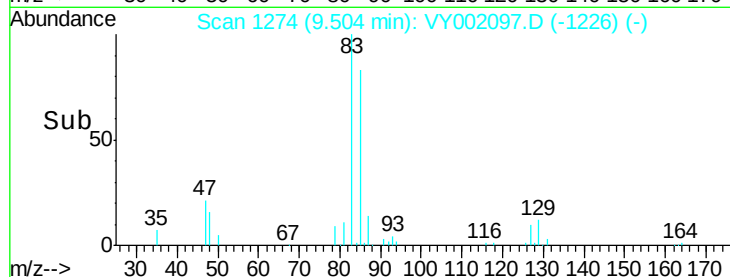
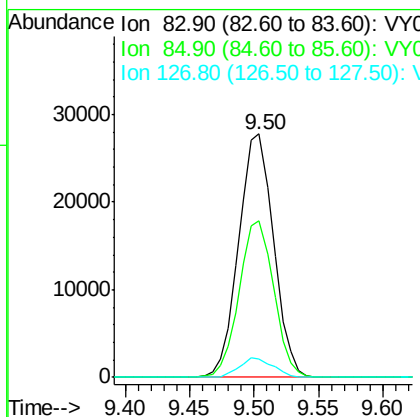
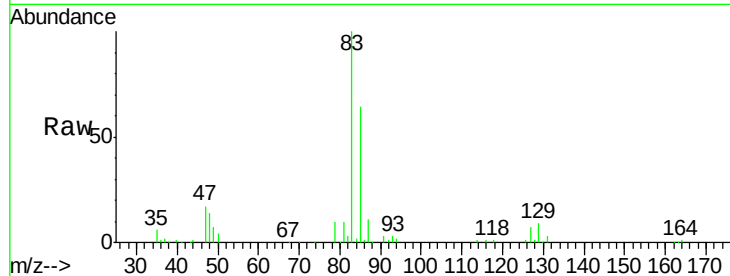
#47
Bromodichloromethane
Concen: 20.951 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	52053		
85	64.5	52.6	79.0	
127	7.5	5.9	8.9	

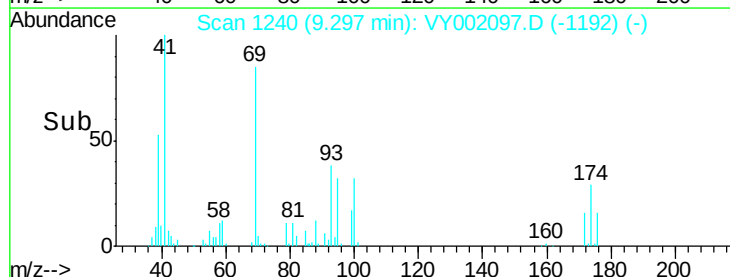
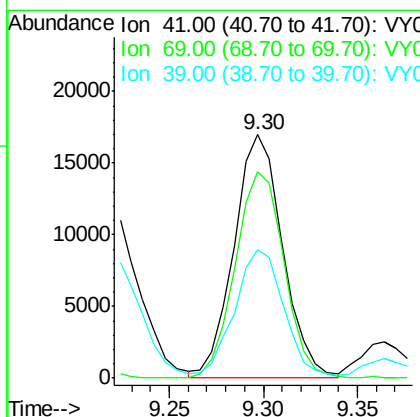
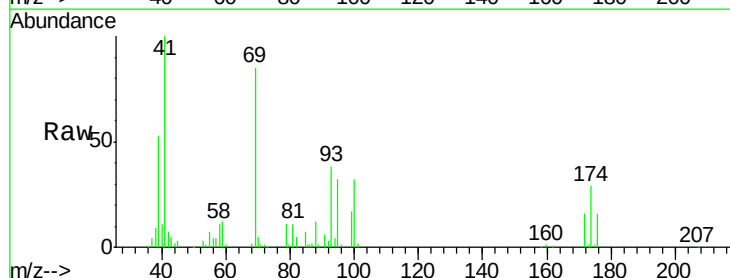
Manual Integrations
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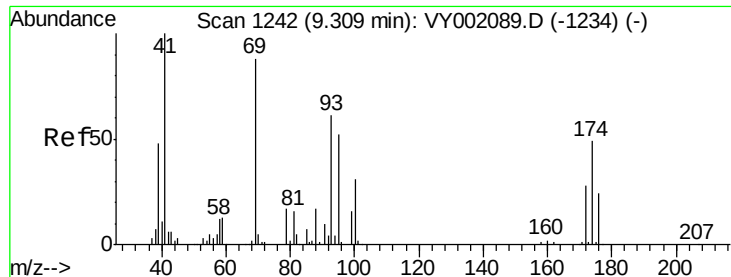
apatel
3/30/2020 1:10:16 PM



#48
Methyl methacrylate
Concen: 22.017 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	30492		
69	85.0	71.4	107.0	
39	51.0	41.0	61.4	





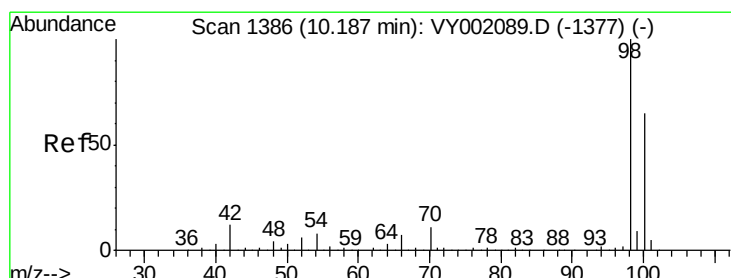
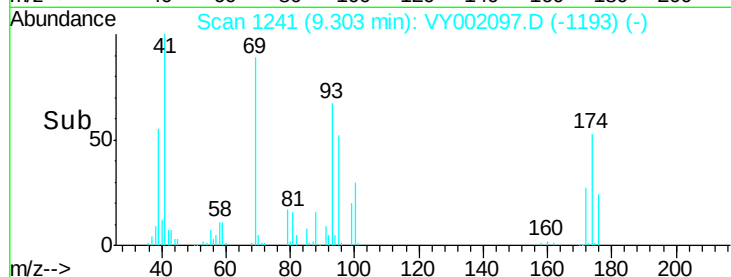
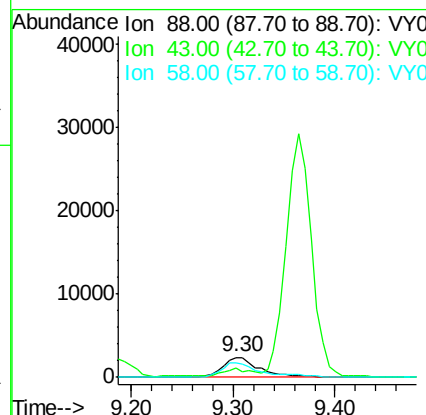
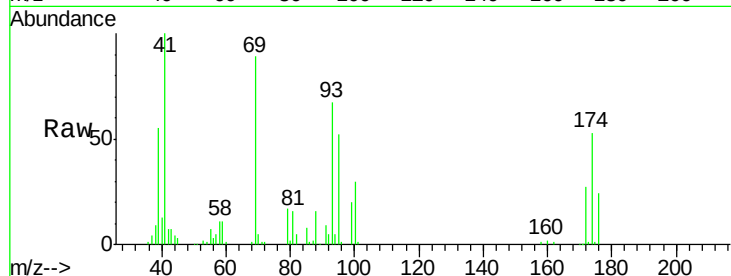
#49
1,4-Dioxane
Concen: 418.087 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	88	Resp	6123
Ion	Ratio	Lower	Upper
88	100		
43	29.0	27.2	40.8
58	77.1	59.8	89.8

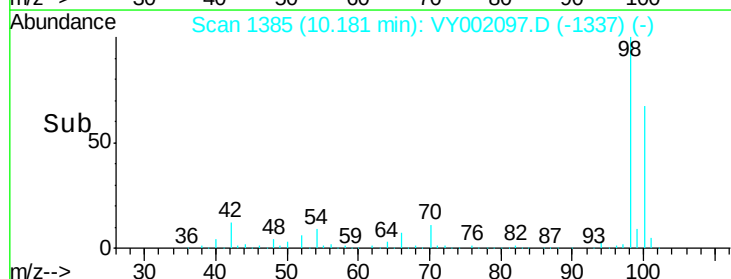
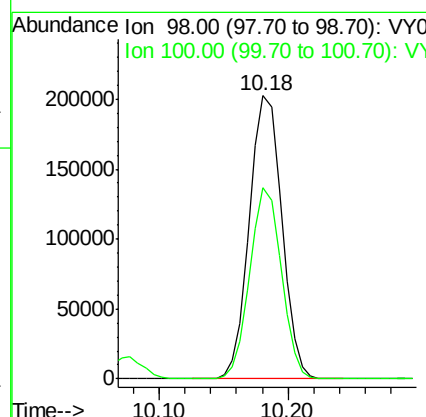
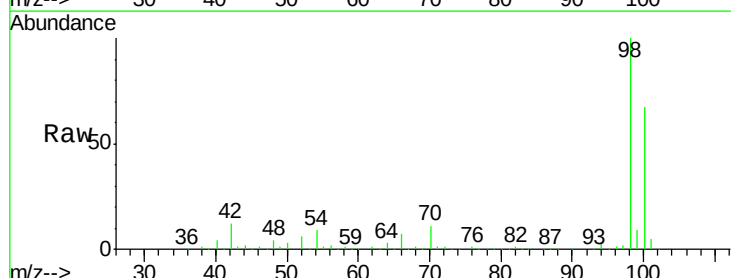
Manual Integrations
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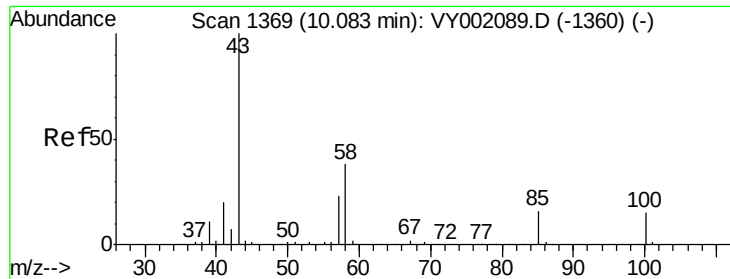
apatel
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#50
Toluene-d8
Concen: 52.005 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion	98	Resp	352632
Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.6	77.4





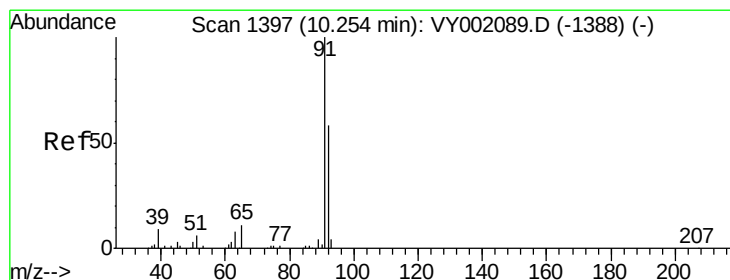
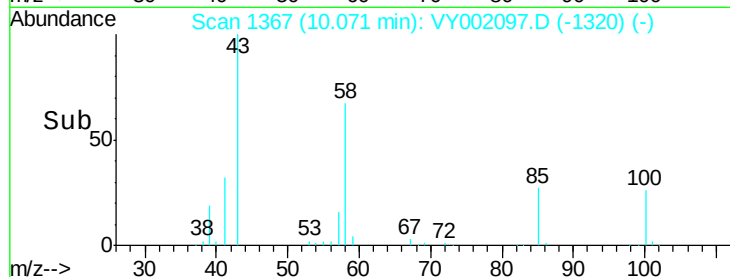
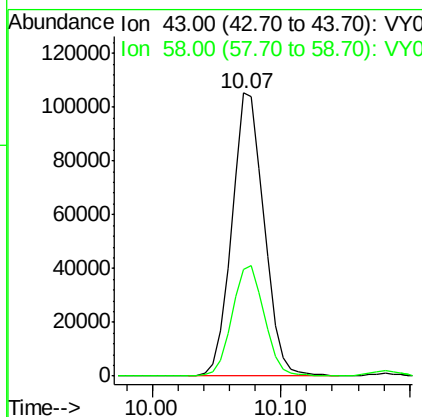
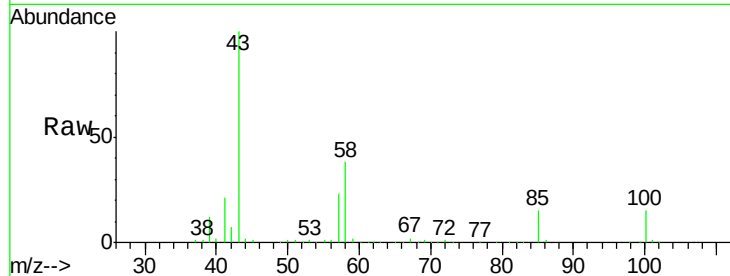
#51
4-Methyl-2-Pentanone
Concen: 115.005 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.6	47.4

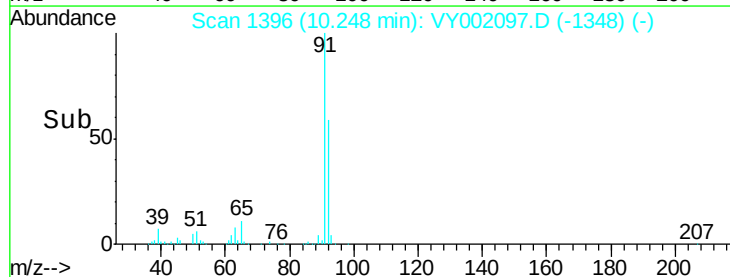
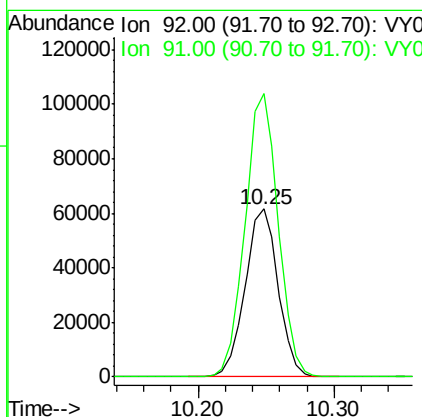
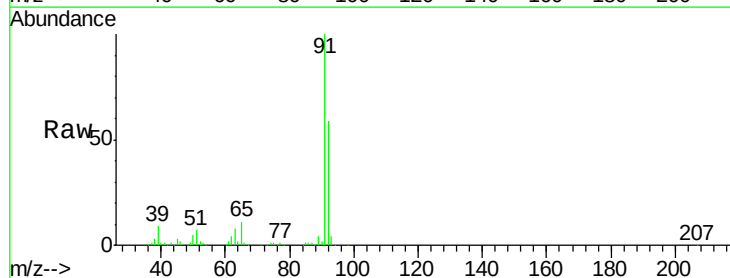
Manual Integrations
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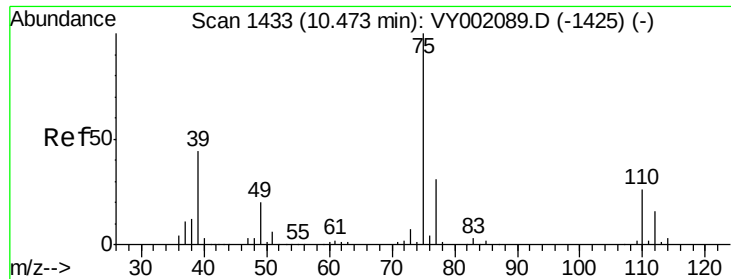
apatel
3/30/2020 1:10:16 PM



#52
Toluene
Concen: 21.245 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.7	139.3	208.9





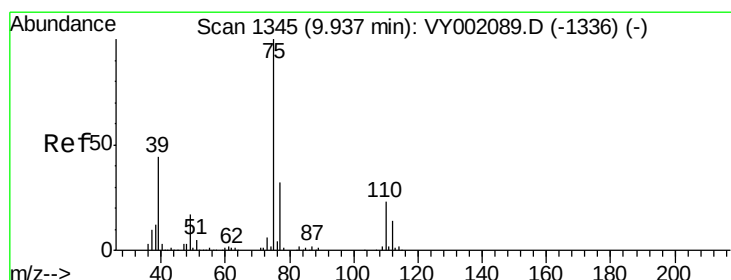
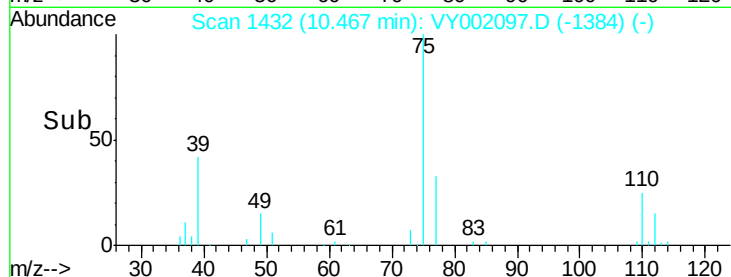
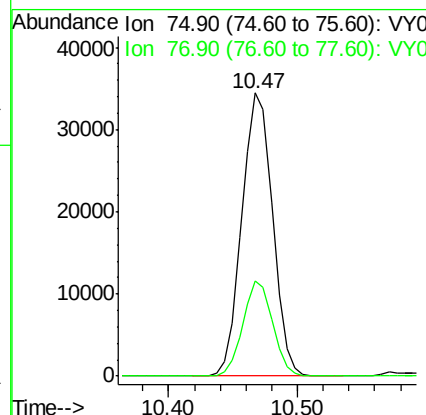
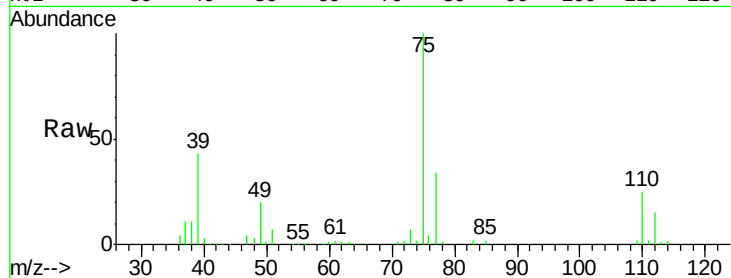
#53
t-1,3-Dichloropropene
Concen: 20.651 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.2	37.8

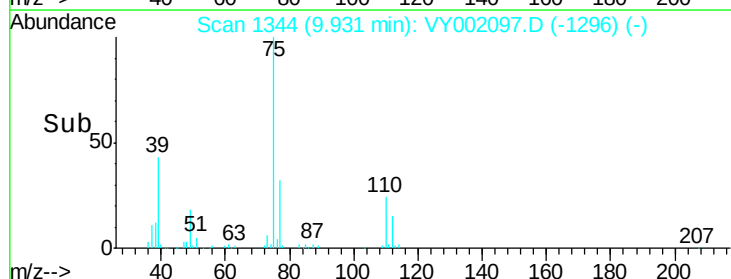
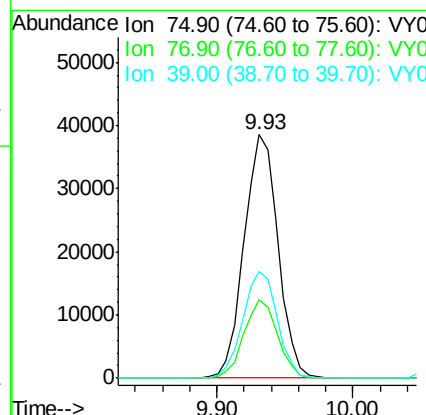
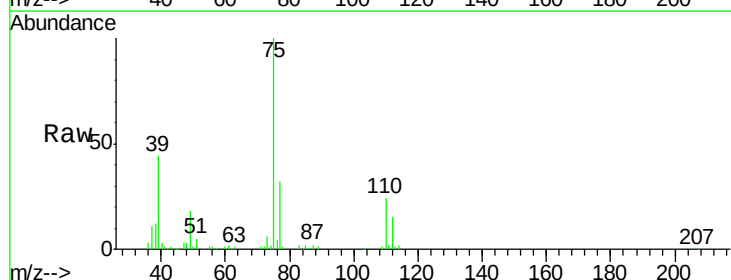
Manual Integrations
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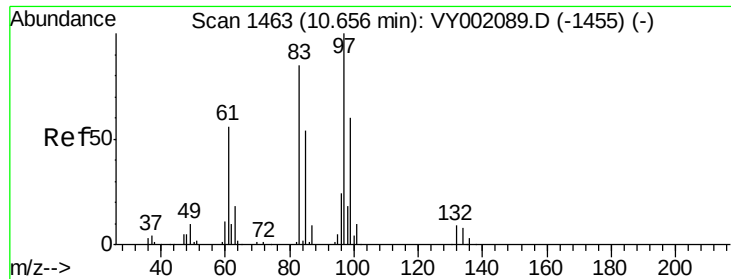
apatel
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#54
cis-1,3-Dichloropropene
Concen: 20.717 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.6	38.4
39	43.6	35.2	52.8





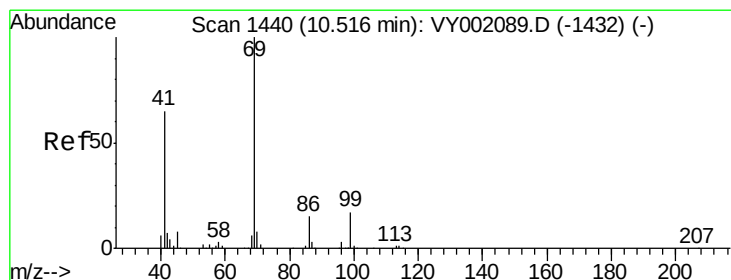
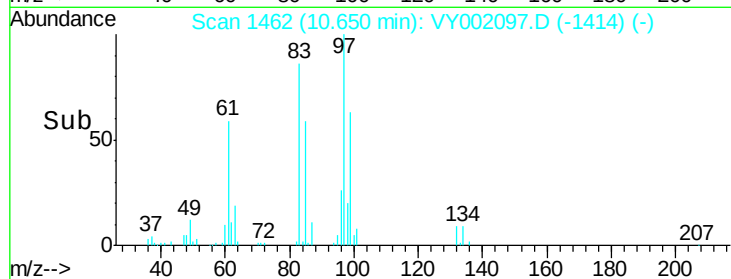
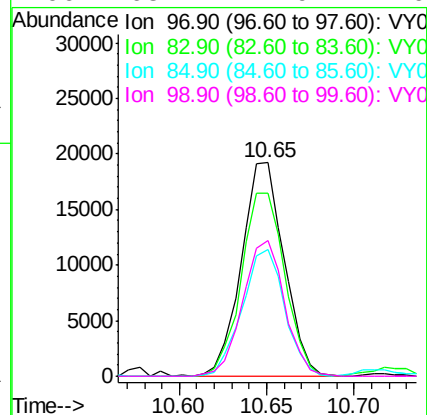
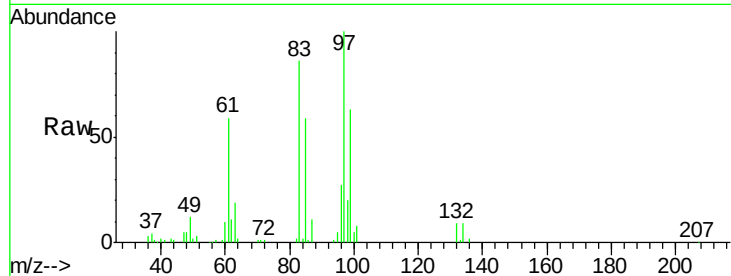
#55
 1,1,2-Trichloroethane
 Concen: 20.696 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.2	102.2
85	59.4	42.9	64.3
99	63.4	47.9	71.9

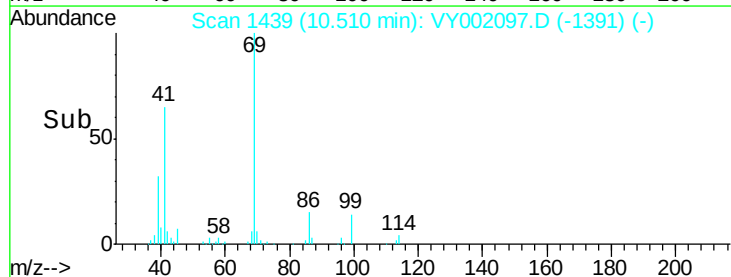
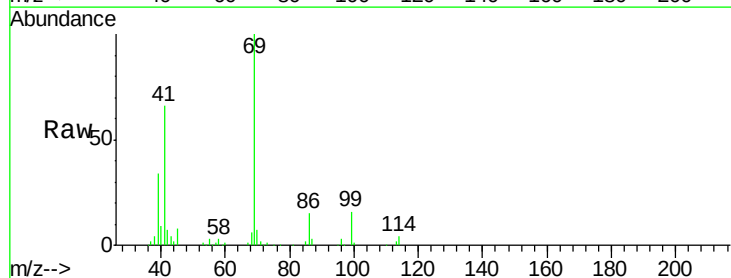
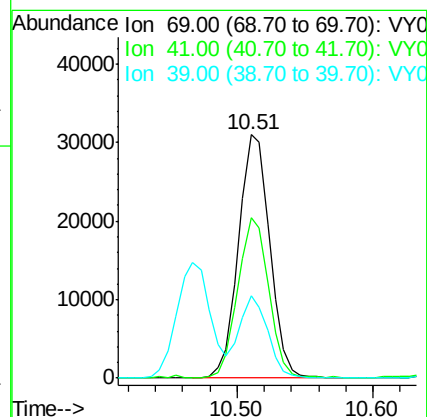
Manual Integrations
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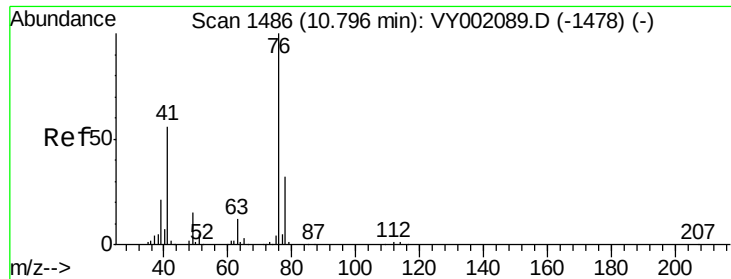
apatel
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#56
 Ethyl methacrylate
 Concen: 21.609 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.6	52.8	79.2
39	30.6	25.0	37.6





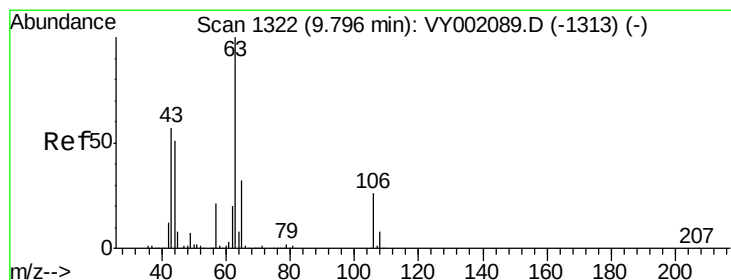
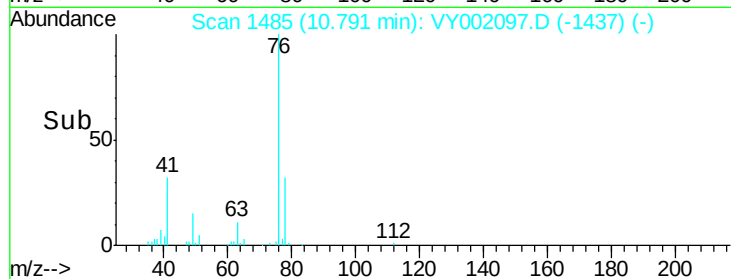
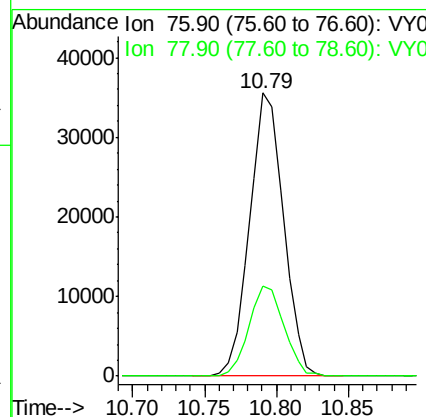
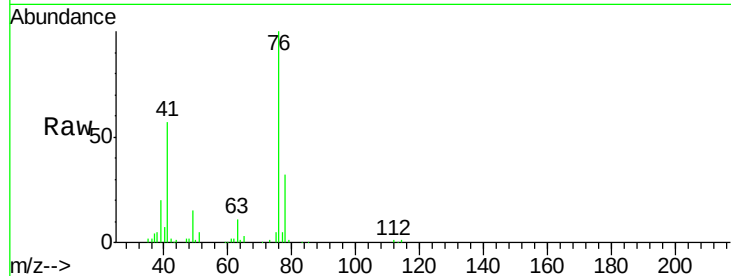
#57
 1,3-Dichloropropane
 Concen: 20.761 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.1	39.1

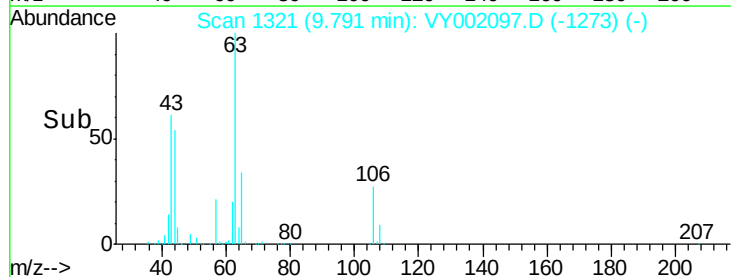
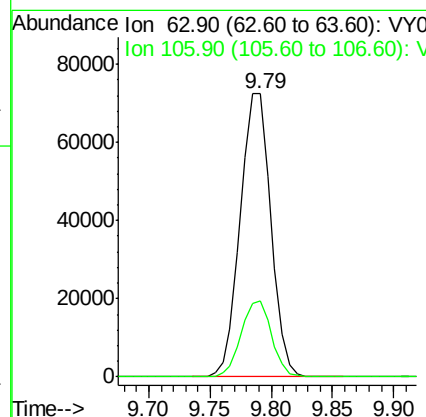
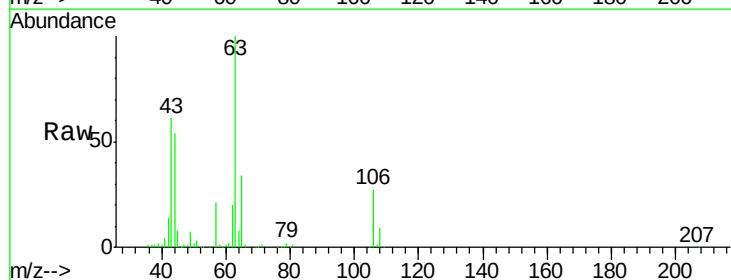
Manual Integrations
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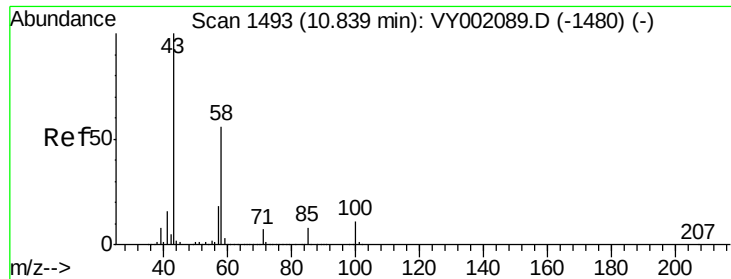
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#58
 2-Chloroethyl Vinyl ether
 Concen: 106.124 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.6	21.0	31.4





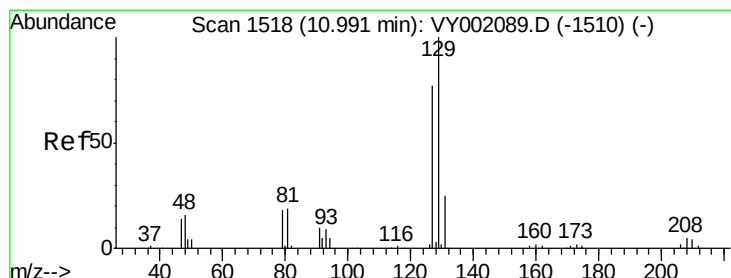
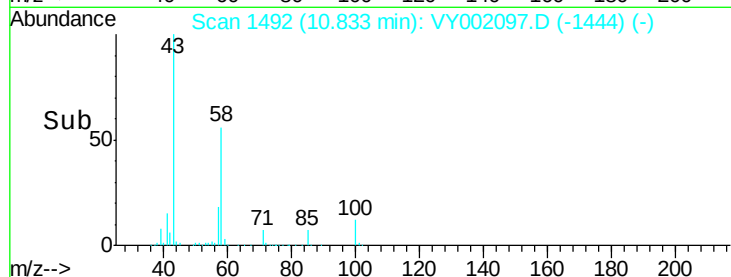
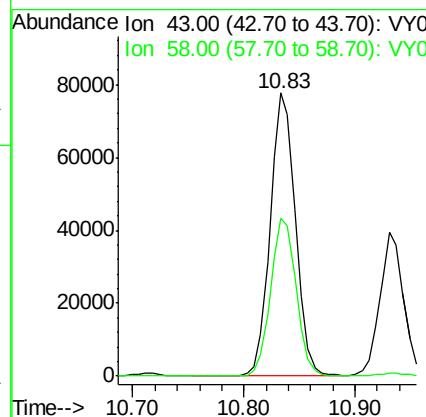
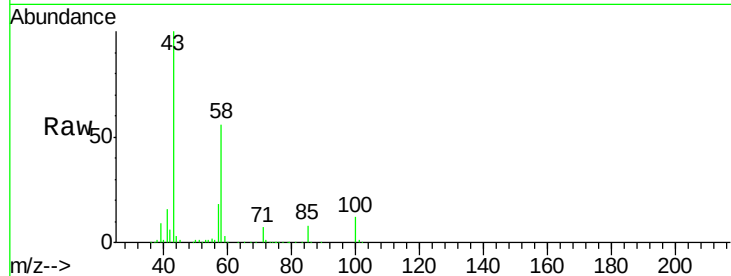
#59
2-Hexanone
Concen: 109.536 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	43	Resp	122785
Ion Ratio	43	100	
Lower	58	56.6	27.9
Upper			83.6

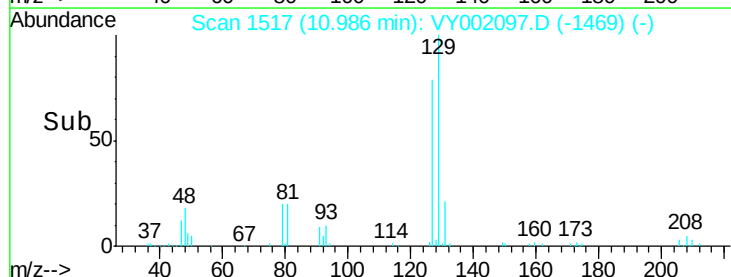
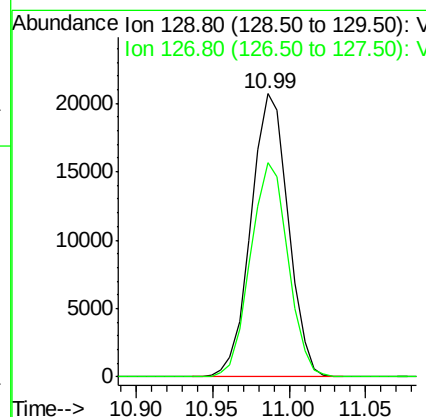
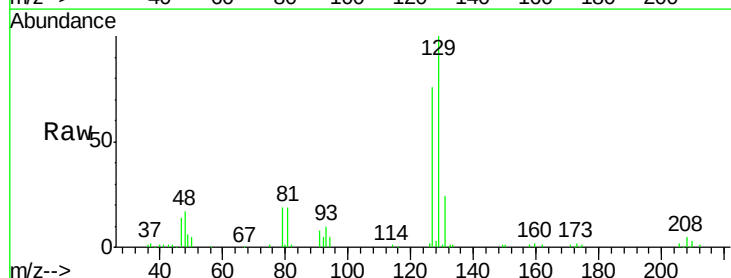
Manual Integrations
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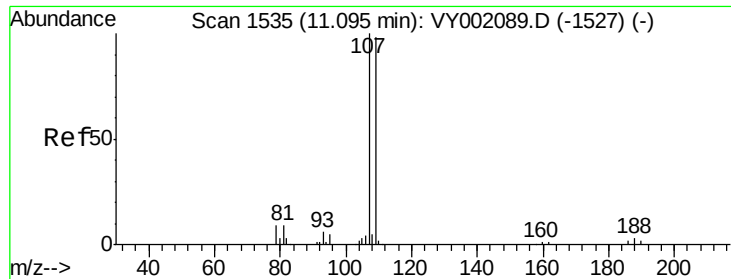
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#60
Dibromochloromethane
Concen: 21.291 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion	129	Resp	35192
Ion Ratio	129	100	
Lower	127	76.2	38.7
Upper			116.1





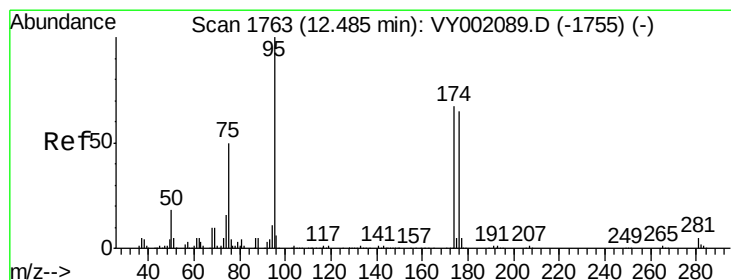
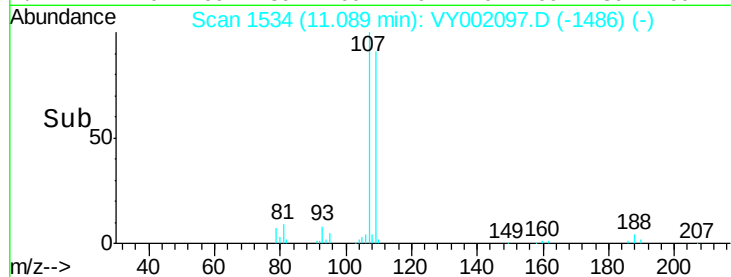
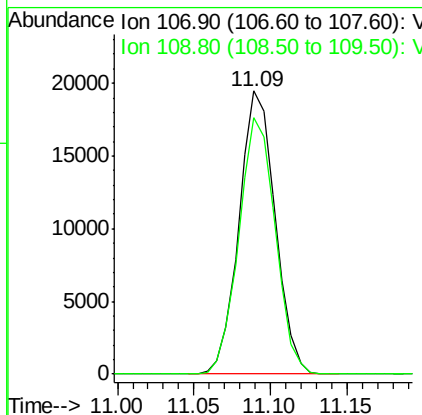
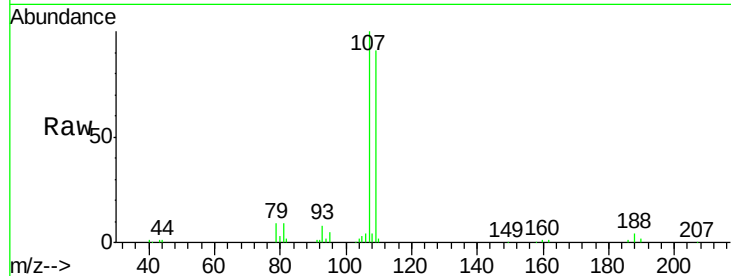
#61
 1,2-Dibromoethane
 Concen: 21.592 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion: 107 Resp: 31923
 Ion Ratio Lower Upper
 107 100
 109 91.5 76.3 114.5

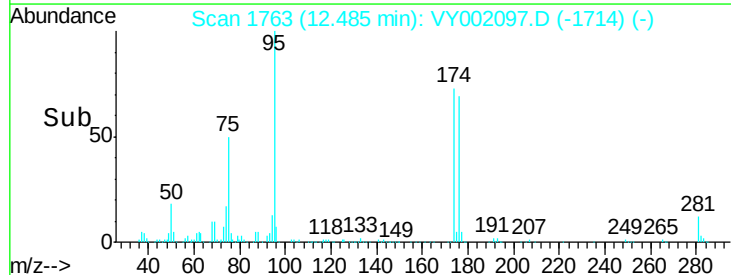
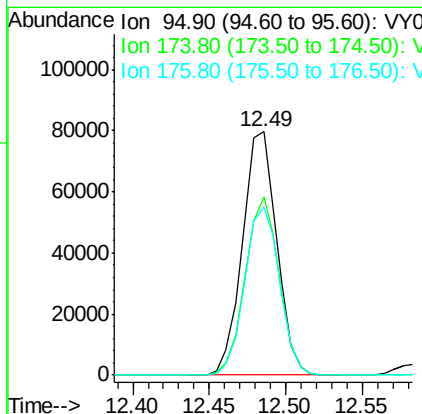
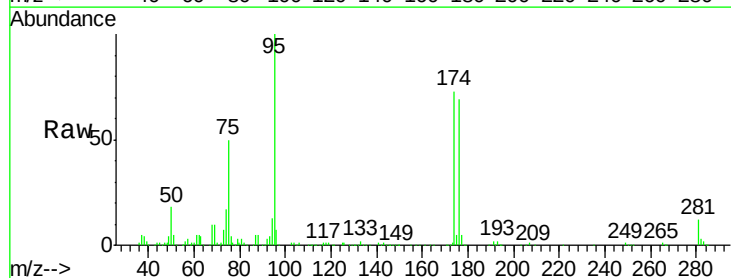
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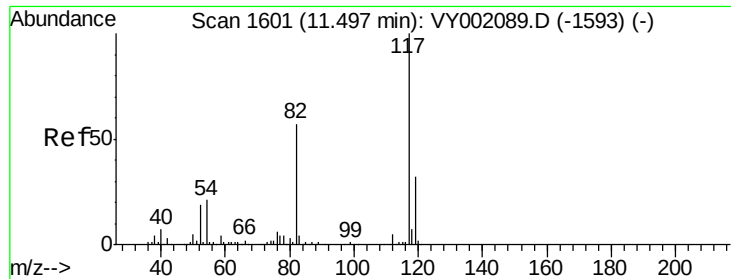
apatel
 3/30/2020 1:10:16 PM



#62
 4-Bromofluorobenzene
 Concen: 52.404 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion: 95 Resp: 124273
 Ion Ratio Lower Upper
 95 100
 174 72.2 0.0 143.4
 176 70.0 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: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

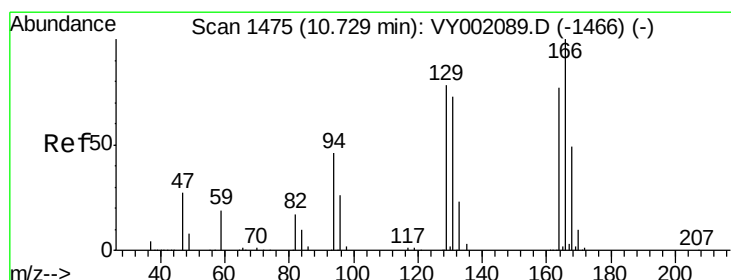
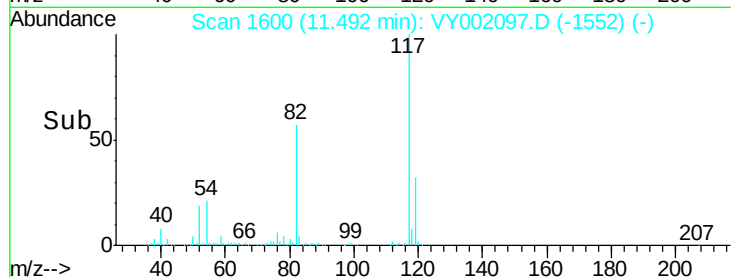
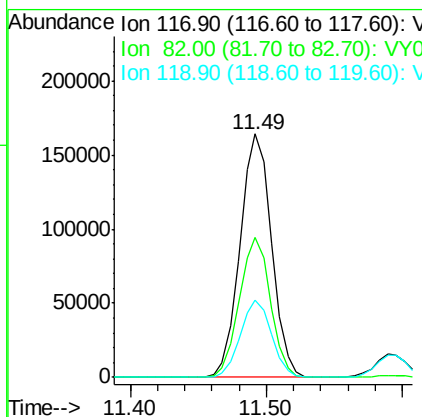
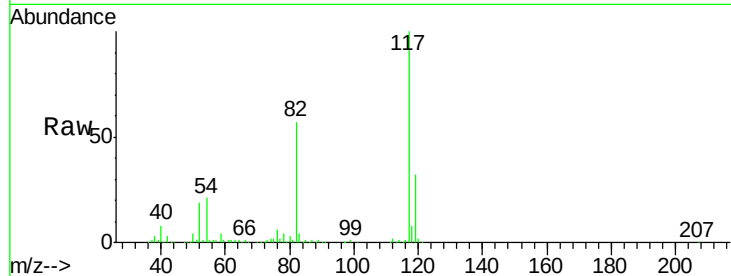
ClientSampleId :

VY0327SBS01

Tot Ion:	117	Resp:	264539
Ion Ratio	Lower	Upper	
117	100		
82	57.4	45.4	68.2
119	31.9	25.3	37.9

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#64

Tetrachloroethene

Concen: 21.136 ug/l

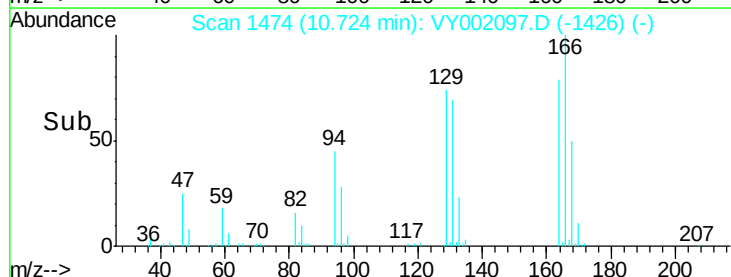
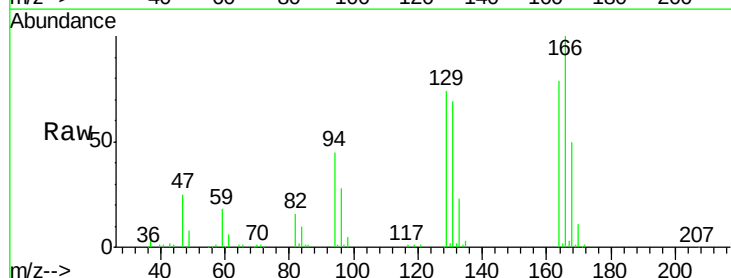
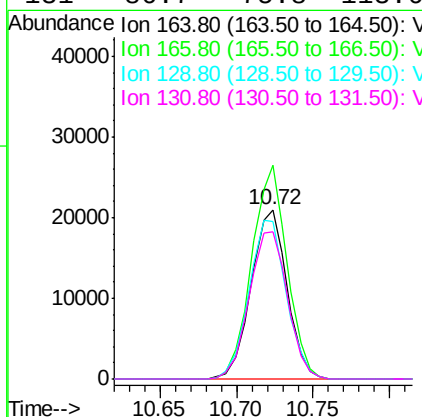
RT: 10.72 min Scan# 1474

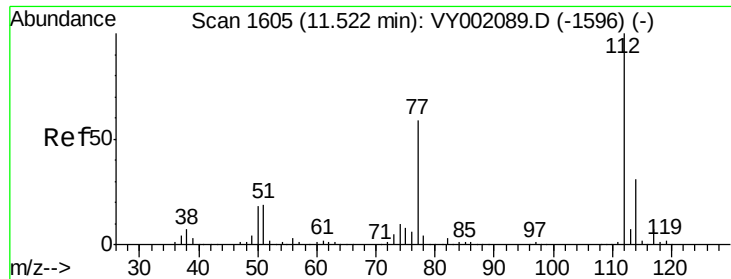
Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Tgt Ion:	164	Resp:	34209
Ion Ratio	Lower	Upper	
164	100		
166	126.3	104.0	156.0
129	93.3	81.2	121.8
131	86.7	75.8	113.6





#65

Chlorobenzene

Concen: 20.999 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tot Ion:112 Resp: 107229

Ion Ratio Lower Upper

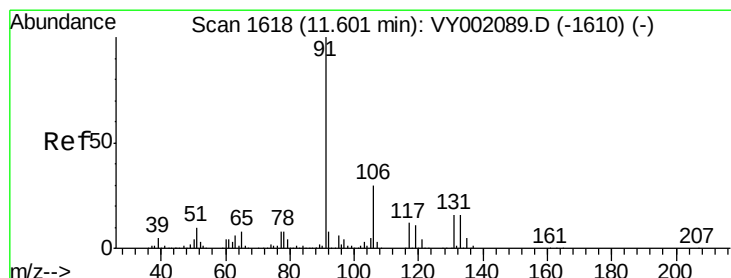
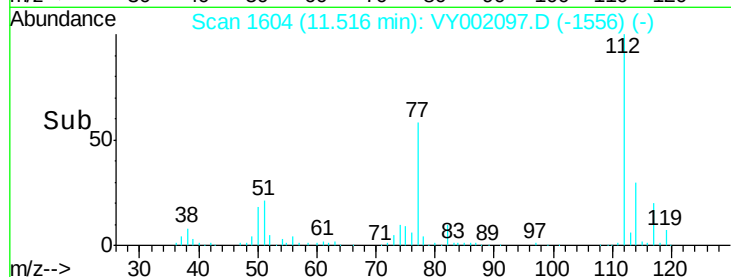
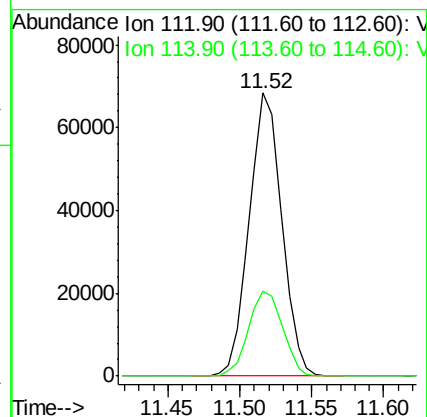
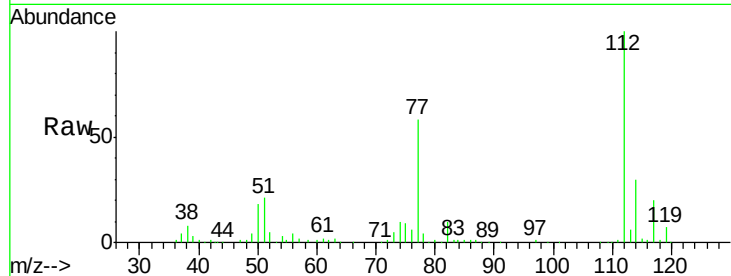
112 100

114 30.1 24.9 37.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.742 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

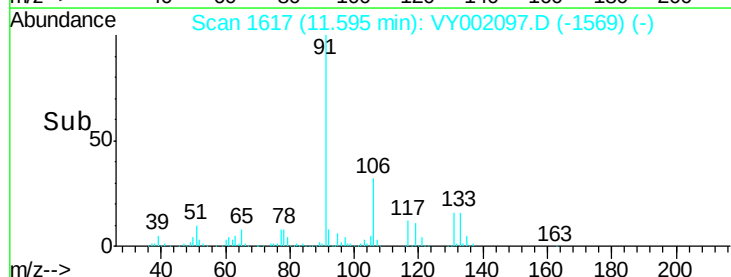
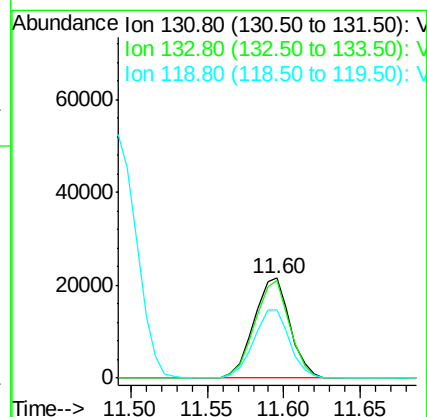
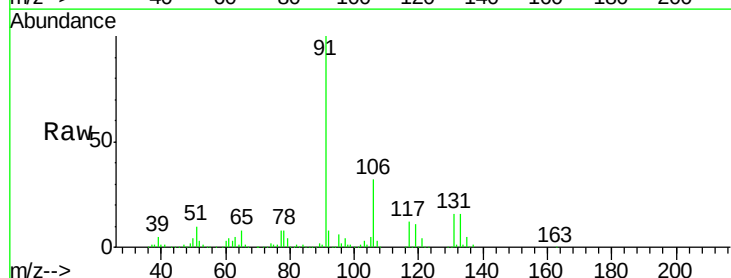
Tgt Ion:131 Resp: 35435

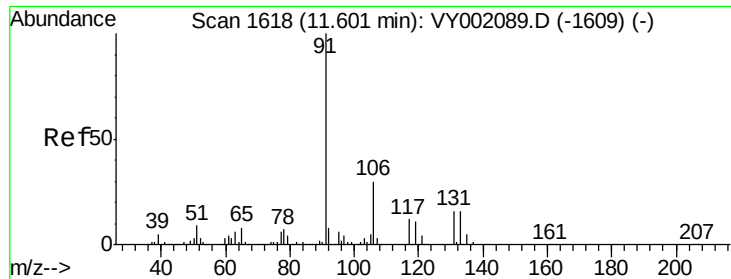
Ion Ratio Lower Upper

131 100

133 94.5 47.5 142.5

119 68.0 34.6 103.9





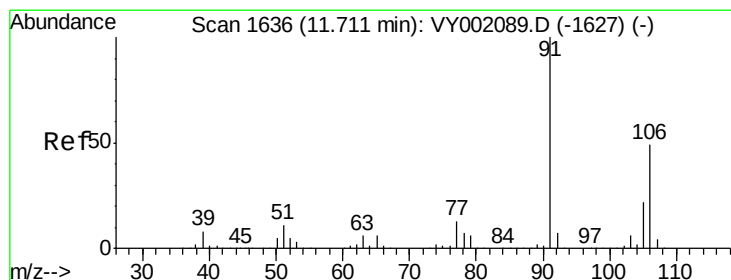
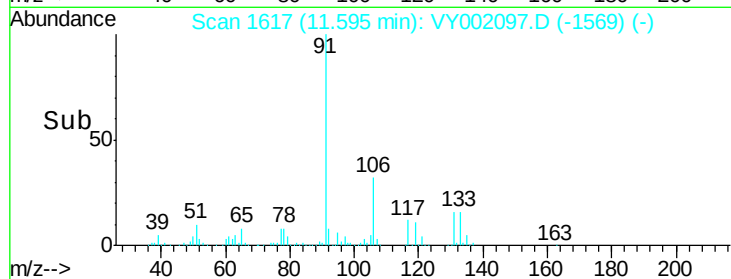
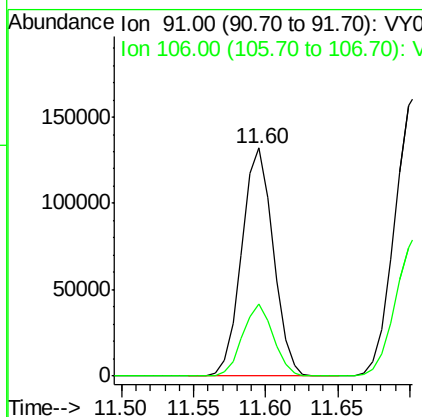
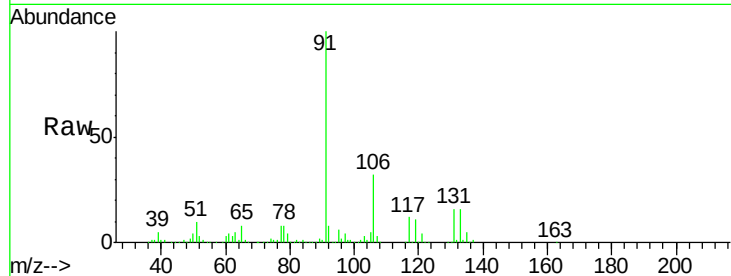
#67
Ethyl Benzene
Concen: 21.115 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.1	36.1

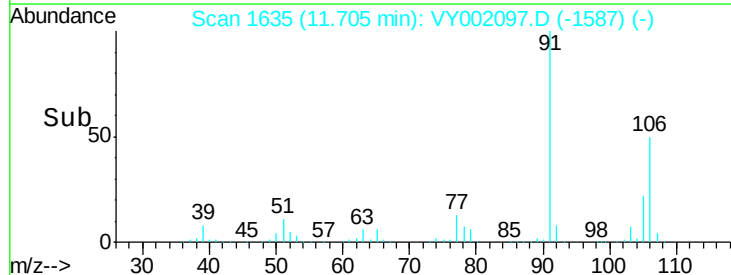
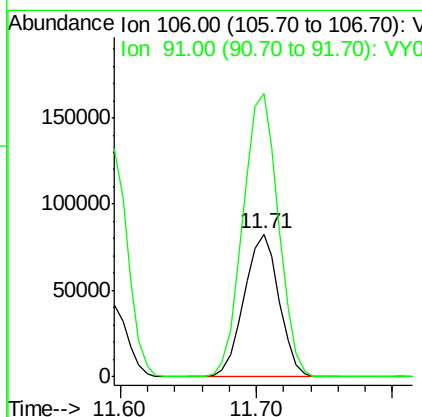
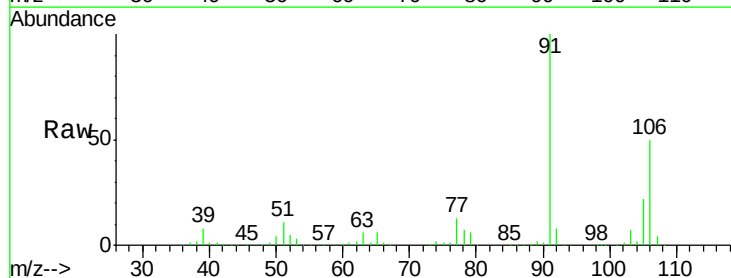
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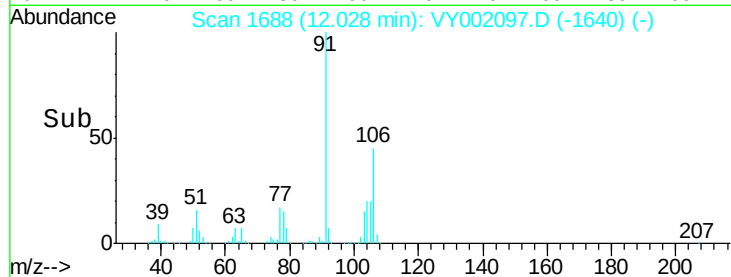
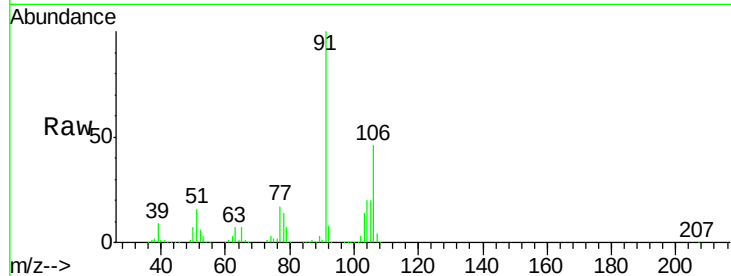
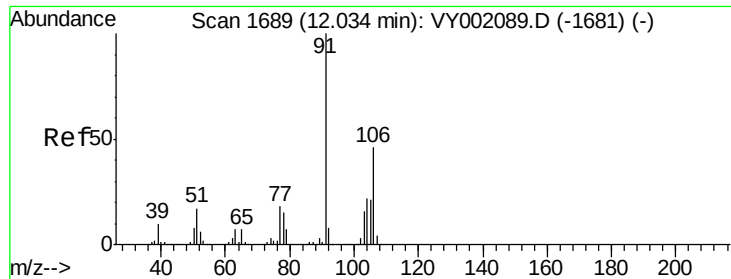
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#68
m/p-Xylenes
Concen: 42.378 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.9	162.8	244.2





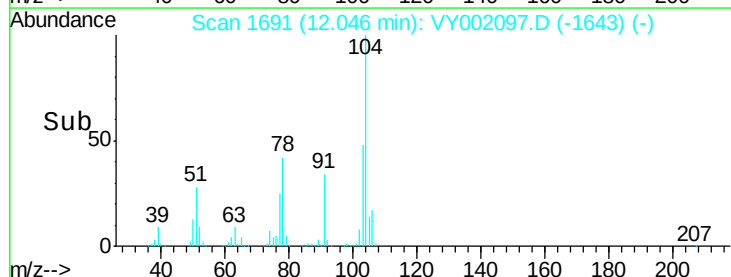
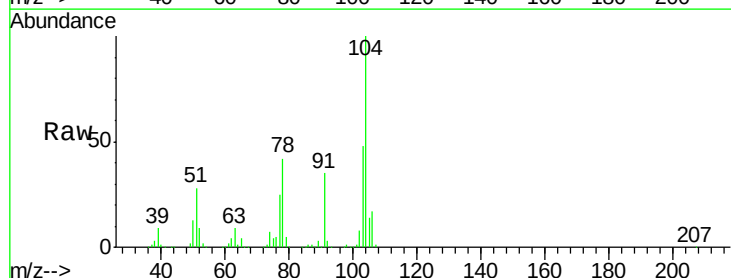
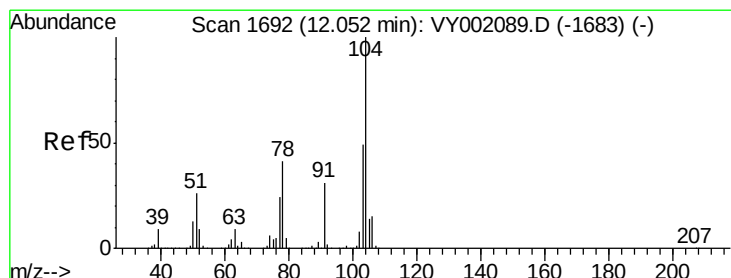
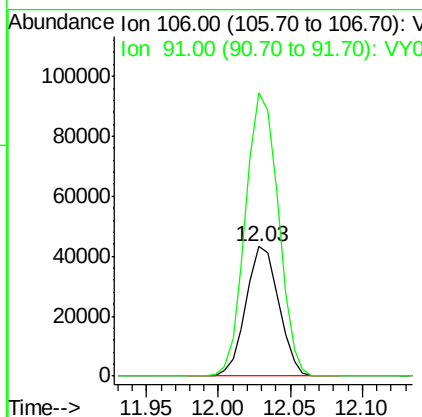
#69
o-Xylene
Concen: 20.639 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tot Ion:106 Resp: 68652
Ion Ratio Lower Upper
106 100
91 218.1 107.3 321.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

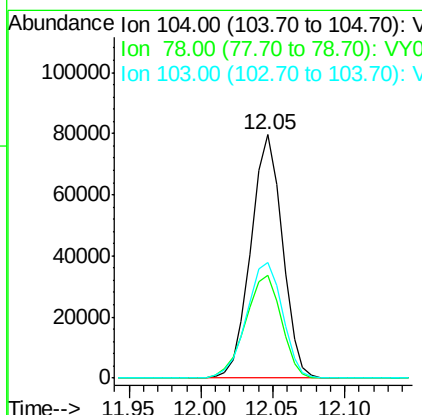
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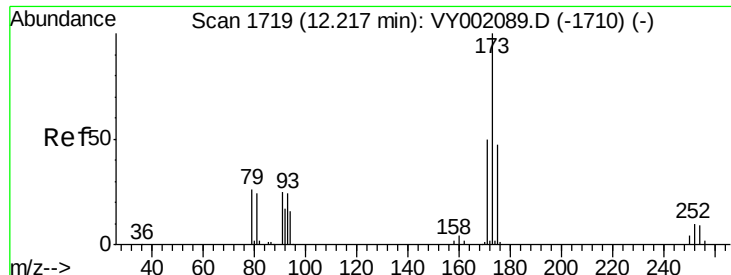
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#70
Styrene
Concen: 20.972 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion:104 Resp: 120884
Ion Ratio Lower Upper
104 100
78 48.2 37.9 56.9
103 53.9 43.2 64.8





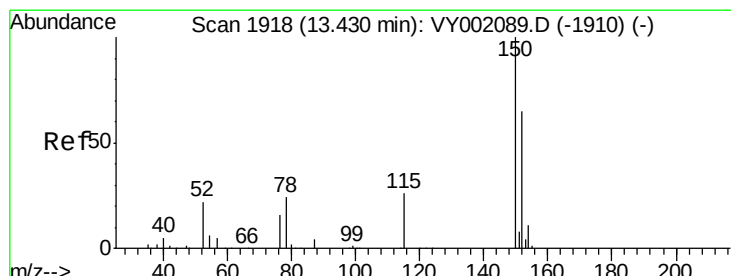
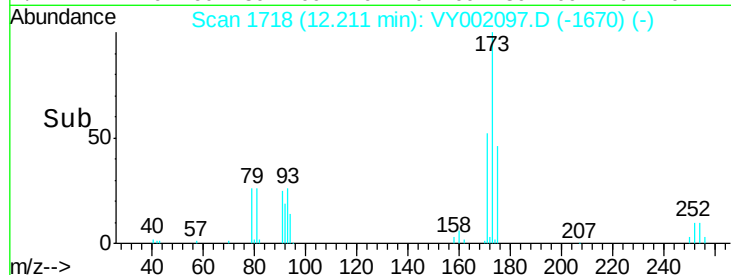
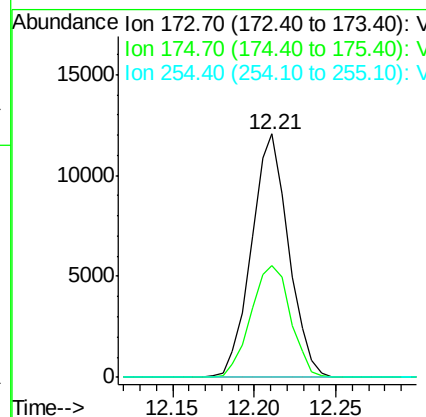
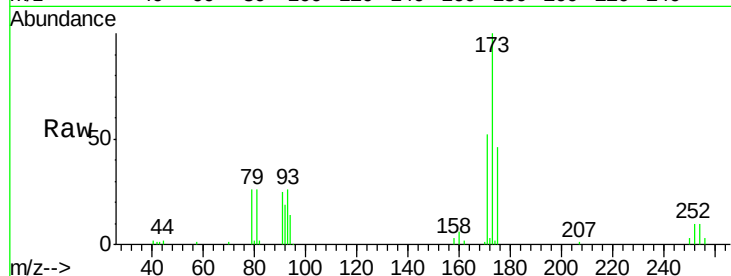
#71
Bromoform
Concen: 20.396 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	23.9	71.8
254	0.0	0.0	0.0

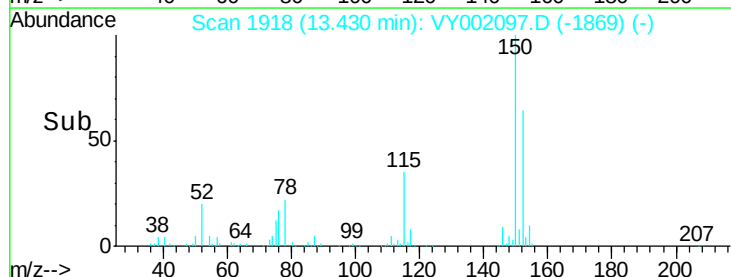
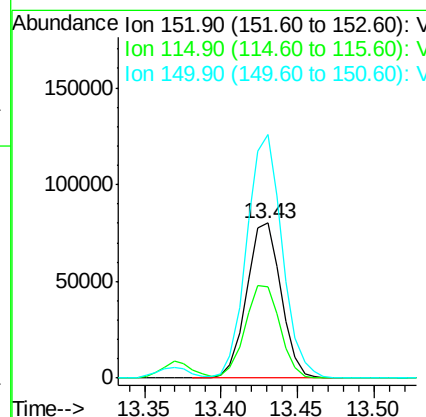
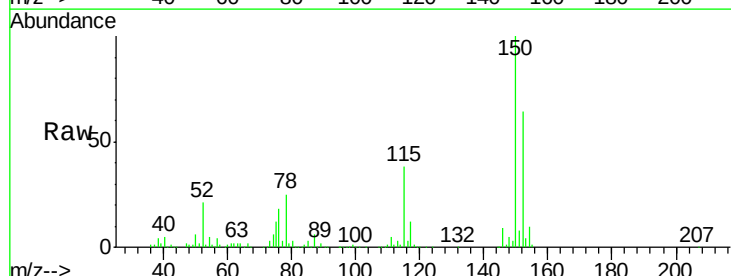
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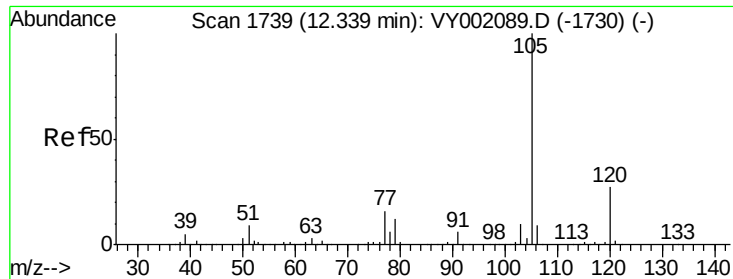
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.2	93.6
150	161.9	0.0	354.8





#73

Isopropylbenzene

Concen: 20.180 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tot Ion: 105 Resp: 187048

Ion Ratio Lower Upper

105 100

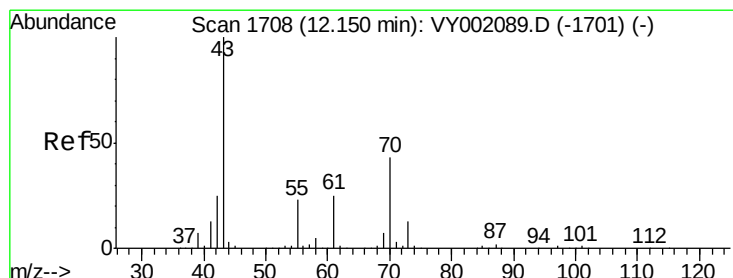
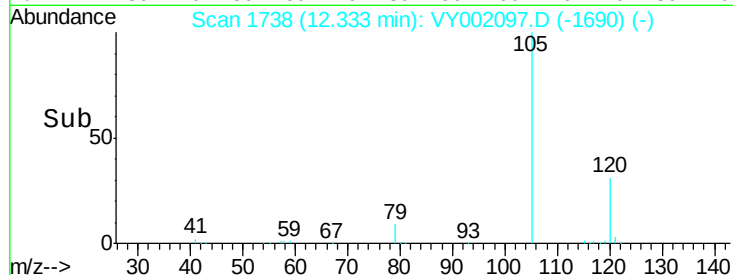
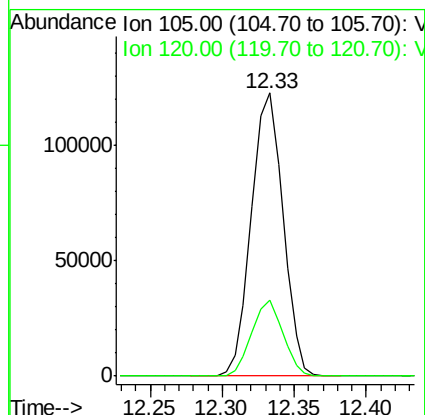
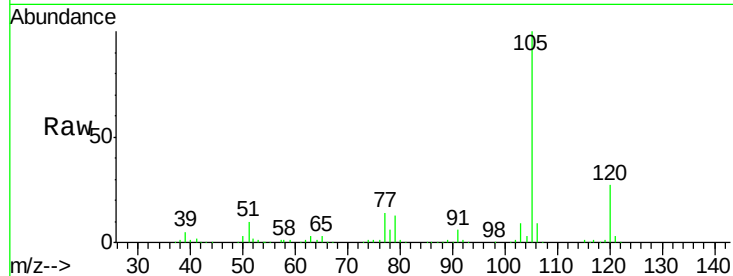
120 26.3 13.3 39.8

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#74

N-ethyl acetate

Concen: 20.893 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Tgt Ion: 43 Resp: 61078

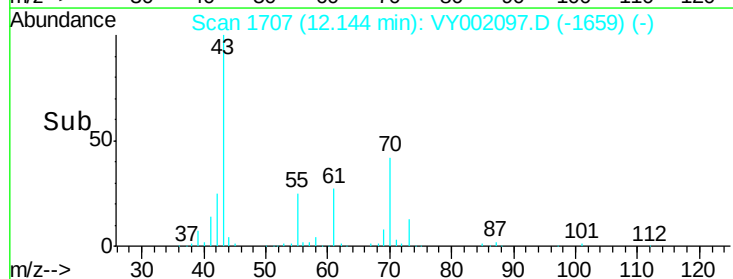
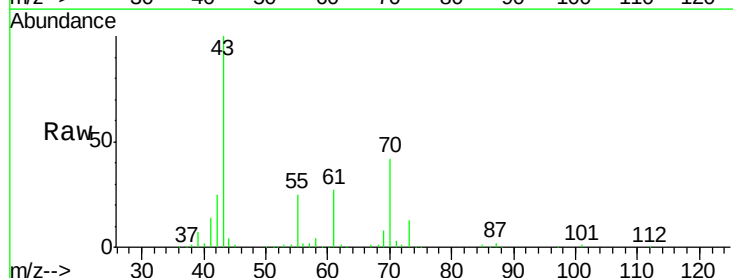
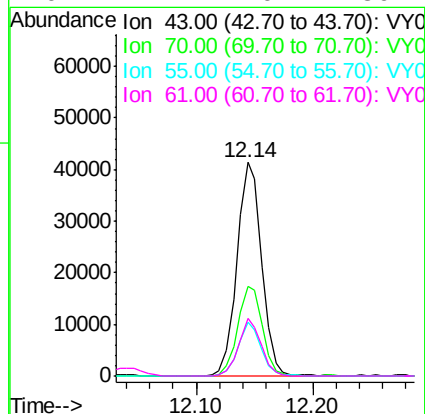
Ion Ratio Lower Upper

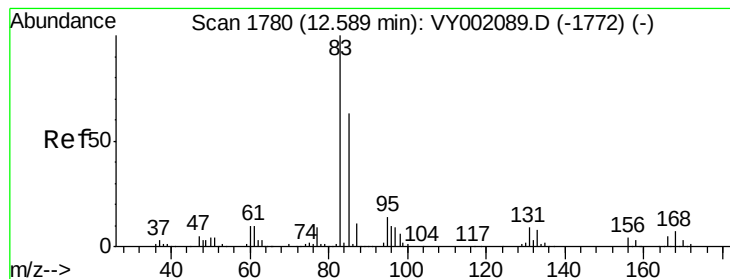
43 100

70 42.3 35.0 52.4

55 23.5 18.7 28.1

61 24.7 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.024 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

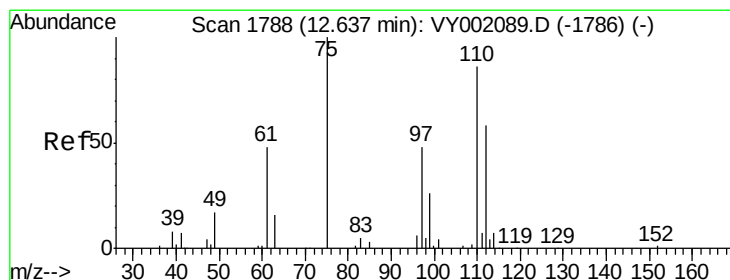
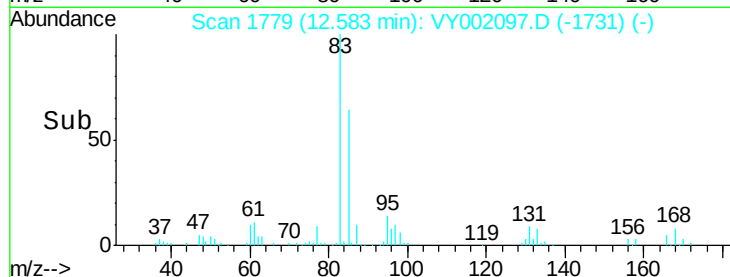
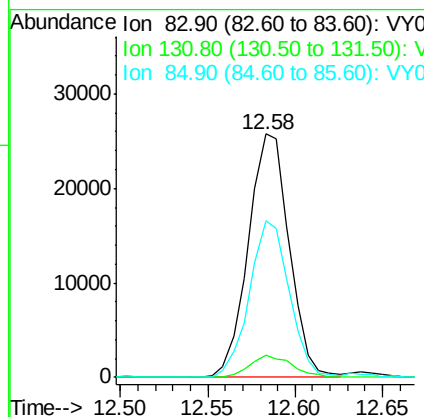
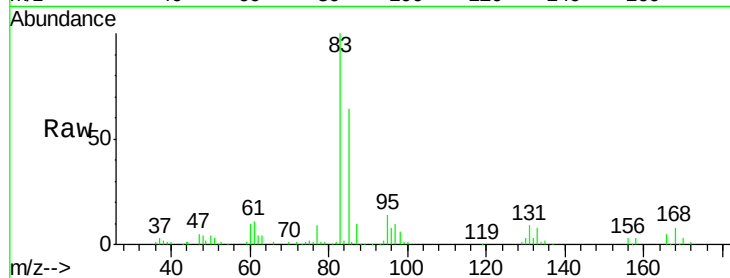
ClientSampleId :

VY0327SBS01

Tot Ion:	83	Resp:	41932
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.7	14.1
85	62.9	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 18.710 ug/l m

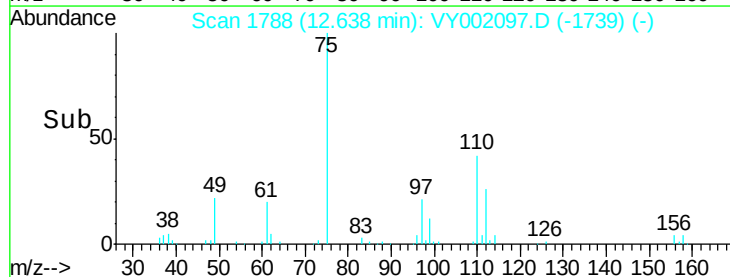
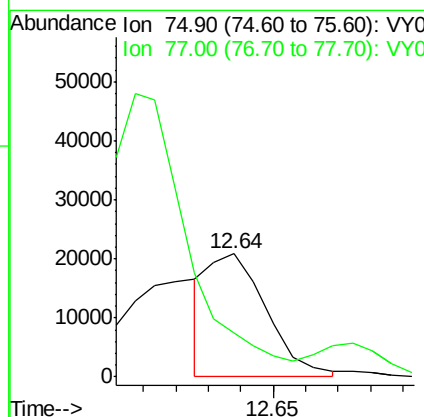
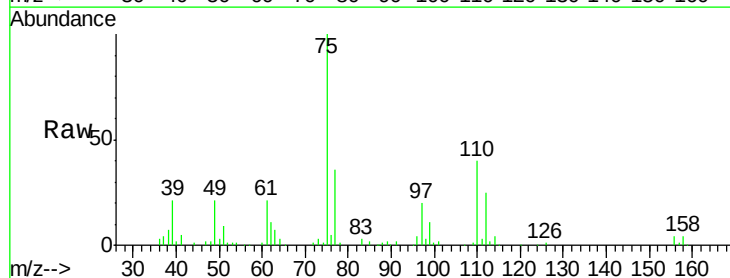
RT: 12.64 min Scan# 1788

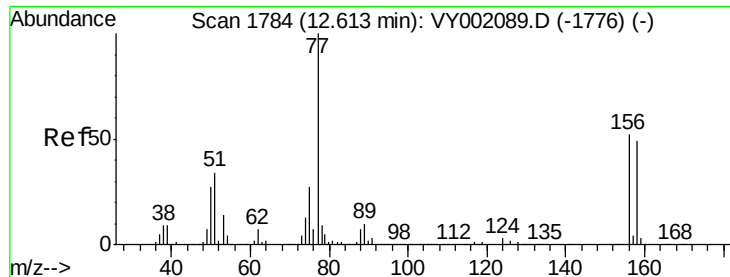
Delta R.T. 0.00 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Tgt Ion:	75	Resp:	26151
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.545 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

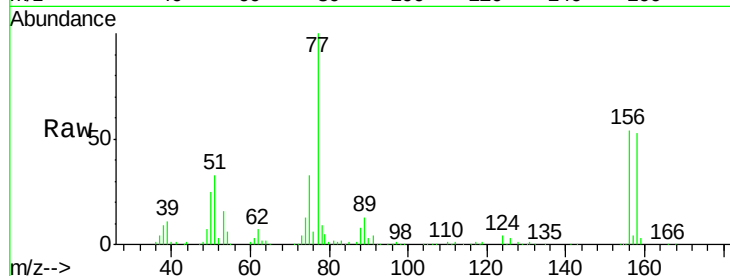
ClientSampleId :

VY0327SBS01

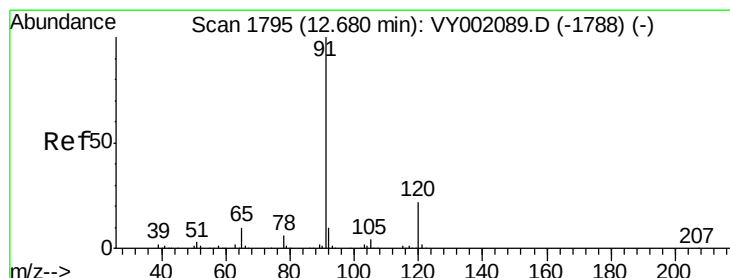
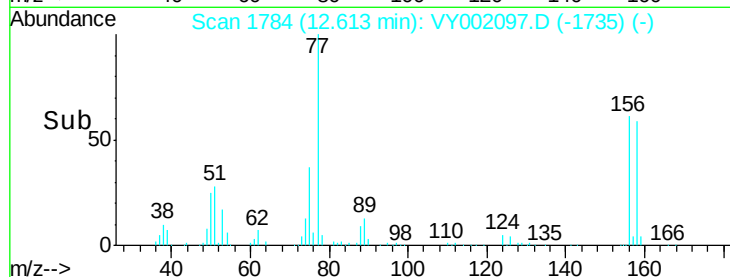
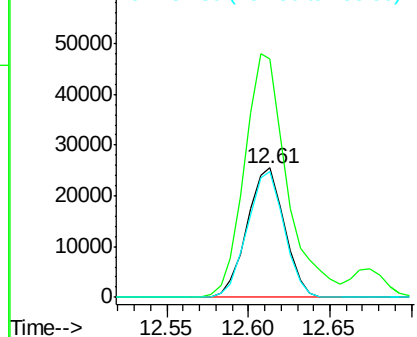
Tot Ion:	156	Resp:	40650
Ion	Ratio	Lower	Upper
156	100		
77	216.0	107.8	323.6
158	96.2	47.5	142.6

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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: 20.333 ug/l

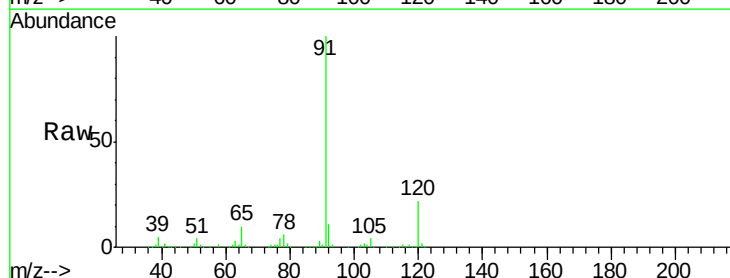
RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

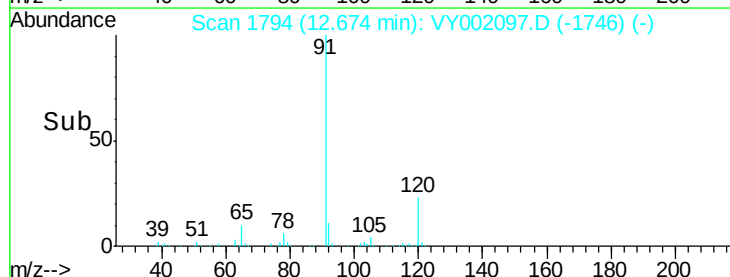
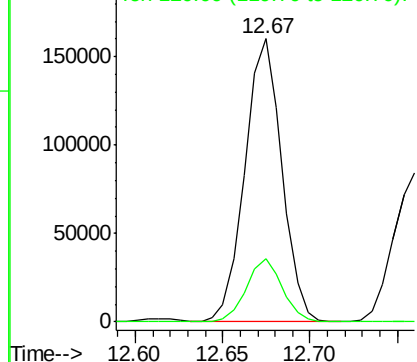
Lab File: VY002097.D

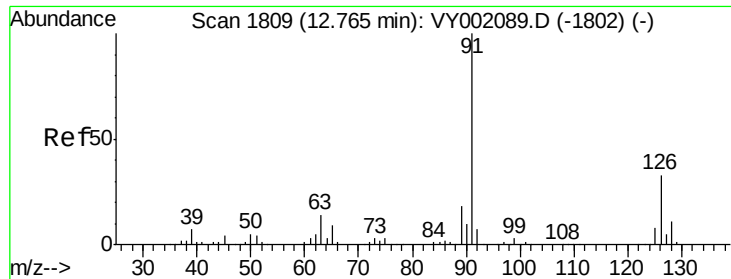
Acq: 27 Mar 2020 12:10

Tgt Ion:	91	Resp:	233880
Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.1	33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





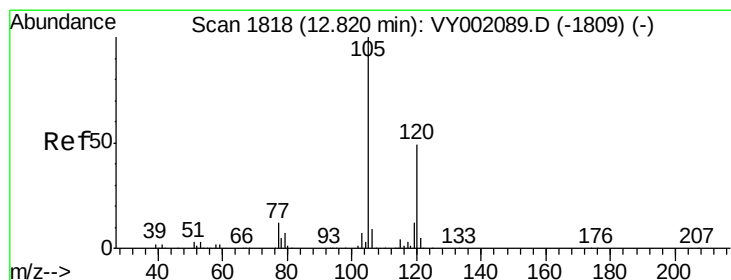
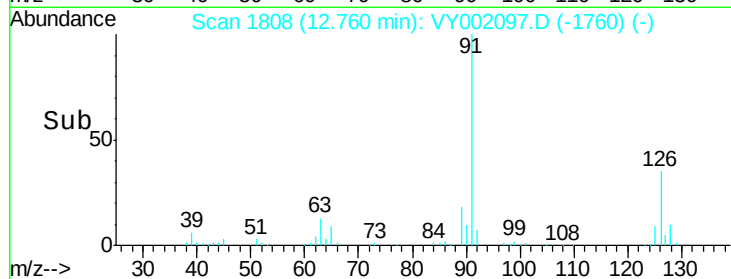
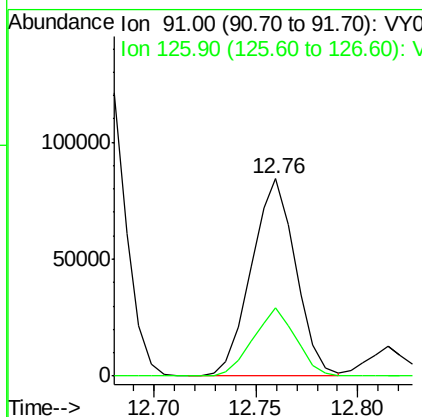
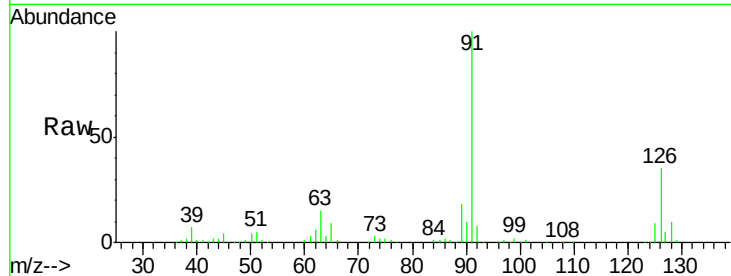
#79
 2-Chlorotoluene
 Concen: 20.205 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion: 91 Resp: 127603
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.4 49.1

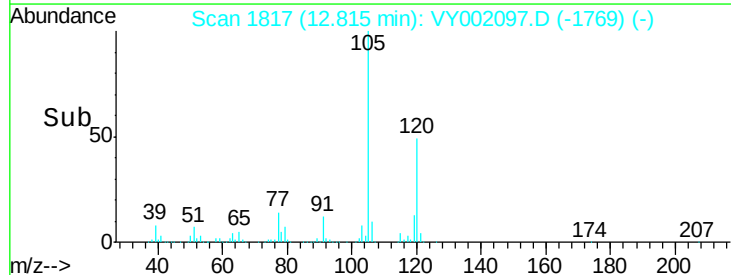
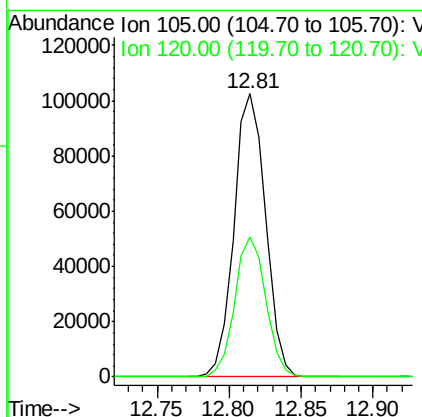
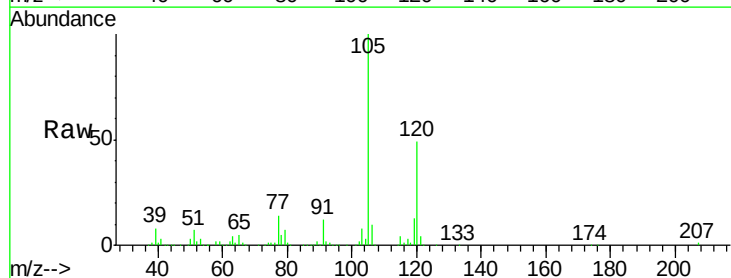
Manual Integrations
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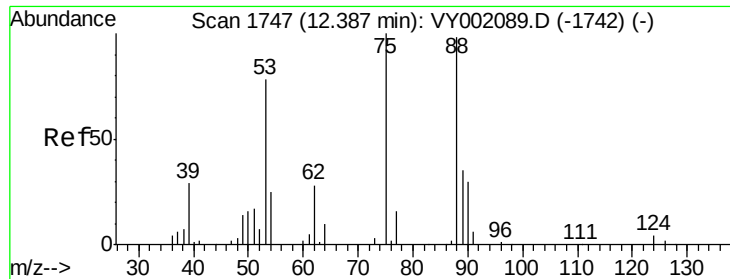
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.444 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion: 105 Resp: 156334
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.4





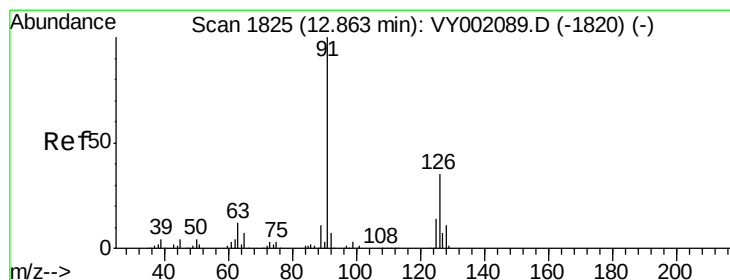
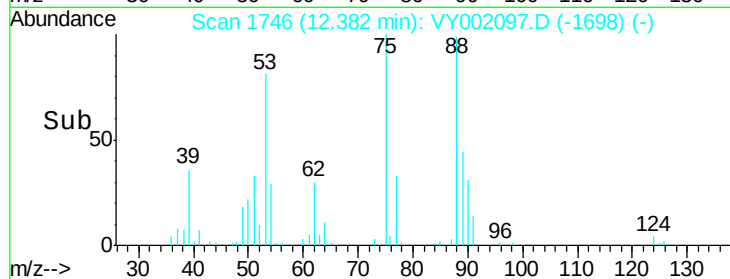
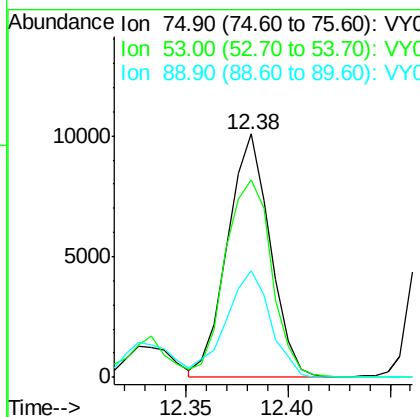
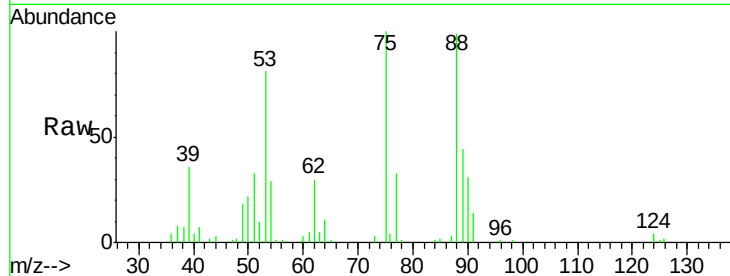
#81
trans-1,4-Dichloro-2-butene
Concen: 20.279 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.2	65.0	97.4
89	45.5	33.4	50.0

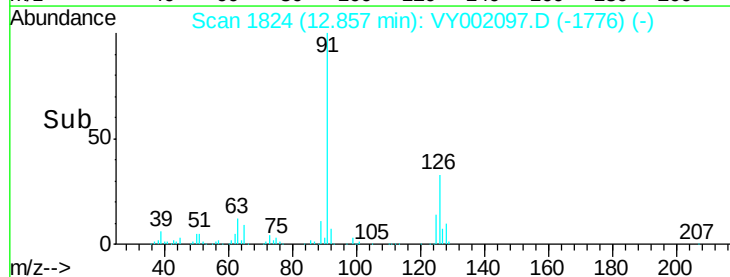
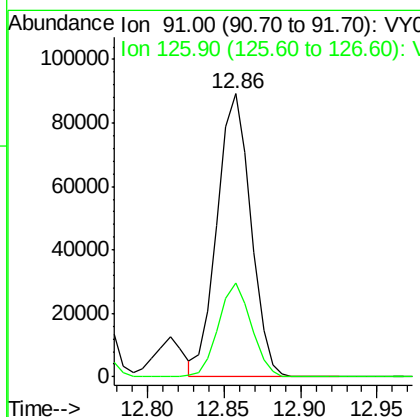
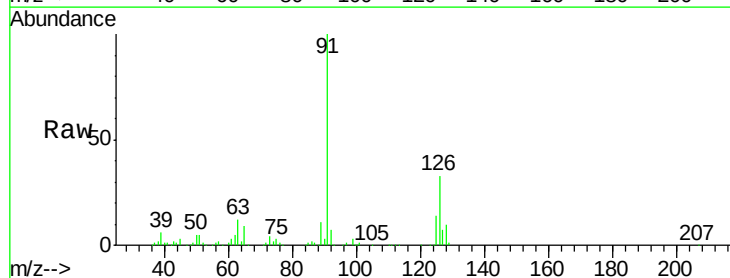
Manual Integrations
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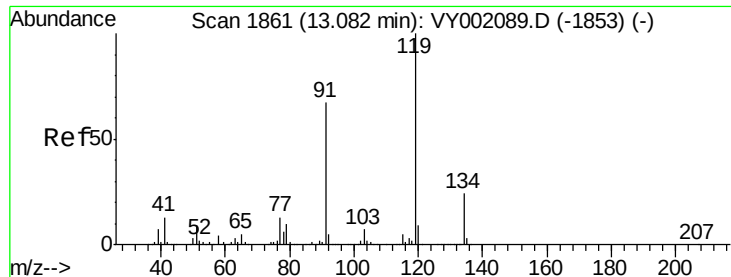
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#82
4-Chlorotoluene
Concen: 20.490 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.3	48.9





#83

tert-Butylbenzene

Concen: 20.150 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

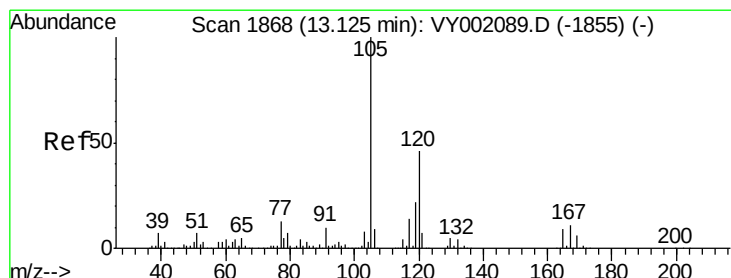
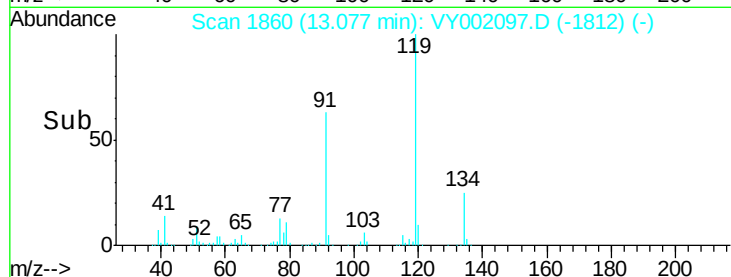
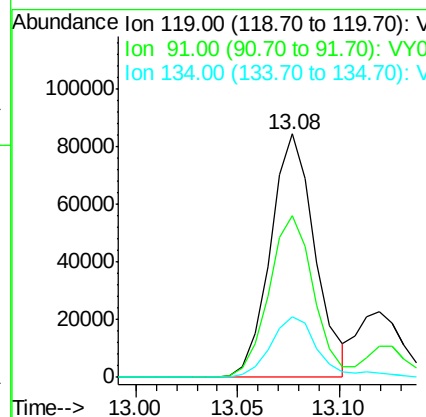
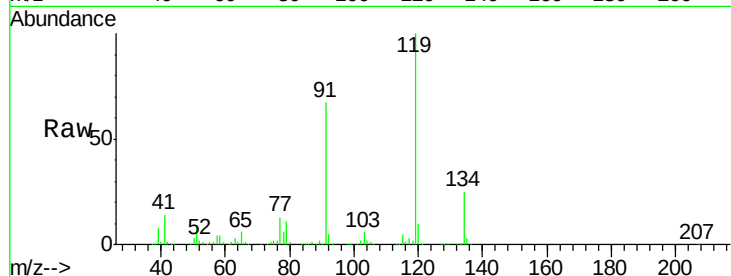
ClientSampleId :

VY0327SBS01

Tot Ion:	119	Resp:	128618
Ion Ratio	Lower	Upper	
119	100		
91	67.3	32.9	98.6
134	26.8	13.0	38.9

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.683 ug/l

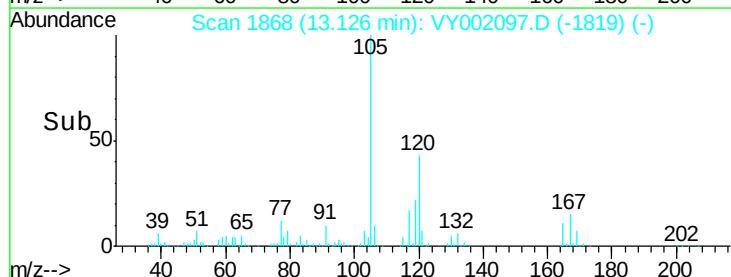
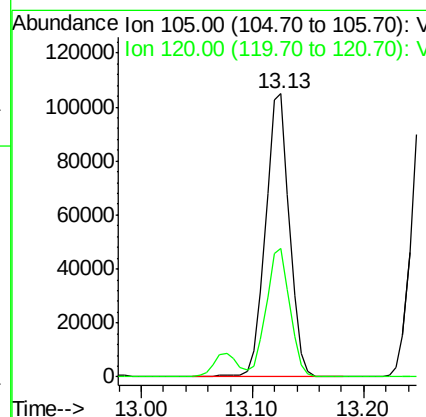
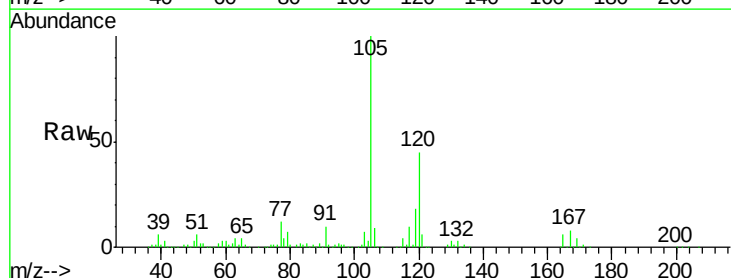
RT: 13.13 min Scan# 1868

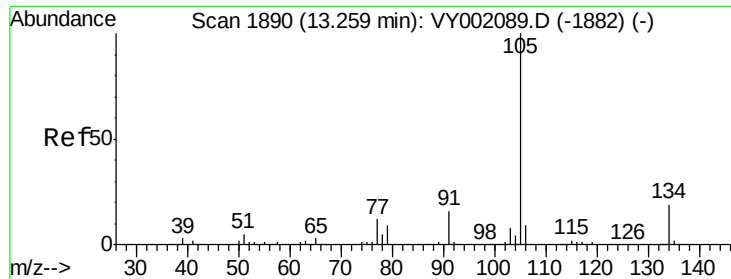
Delta R.T. 0.00 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Tgt Ion:	105	Resp:	157808
Ion Ratio	Lower	Upper	
105	100		
120	44.8	22.9	68.5





#85

sec-Butylbenzene

Concen: 20.436 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

Tot Ion:105 Resp: 193210

Ion Ratio Lower Upper

105 100

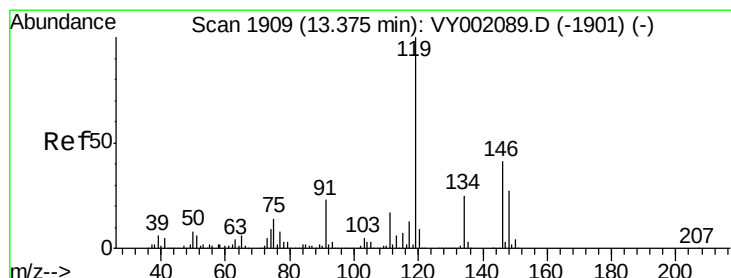
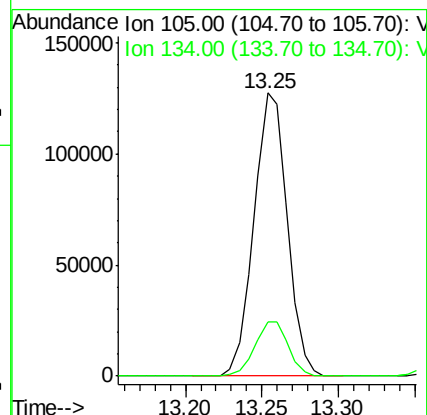
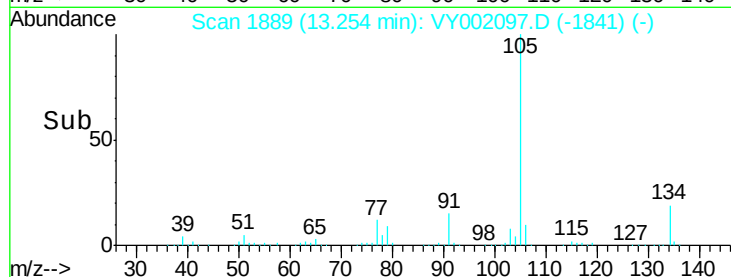
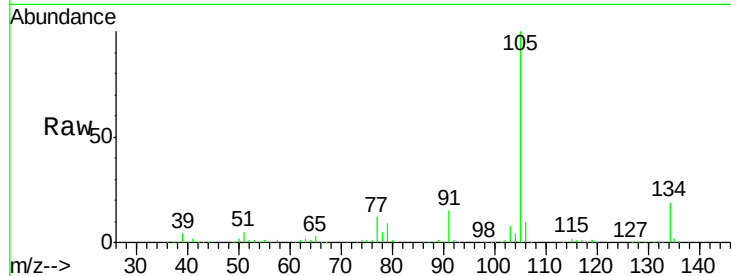
134 19.3 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.822 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

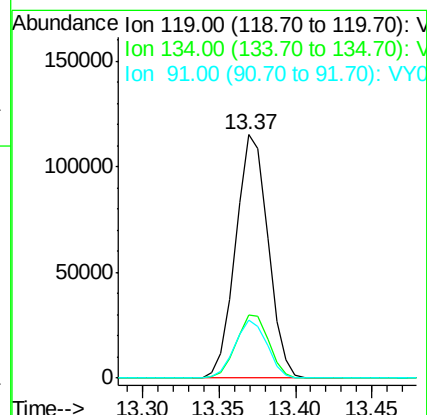
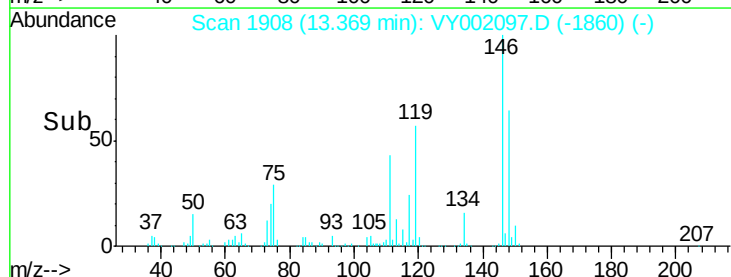
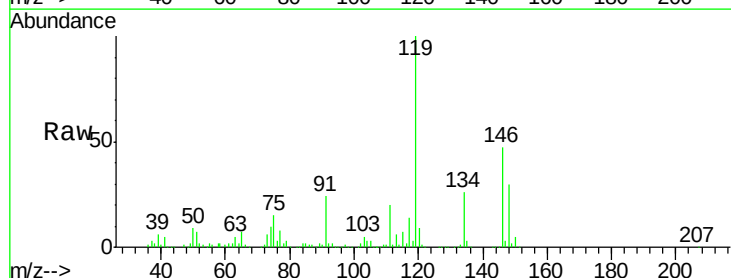
Tgt Ion:119 Resp: 169054

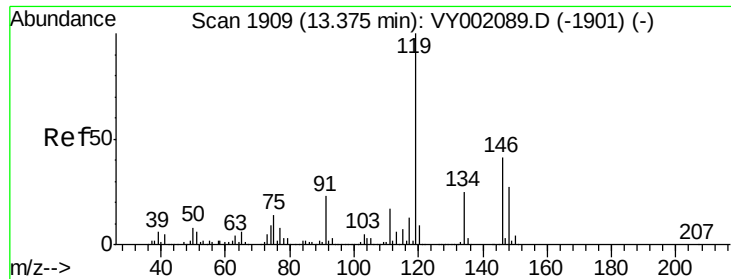
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.9 11.8 35.3





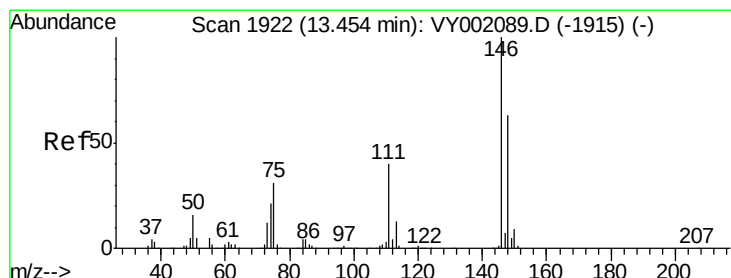
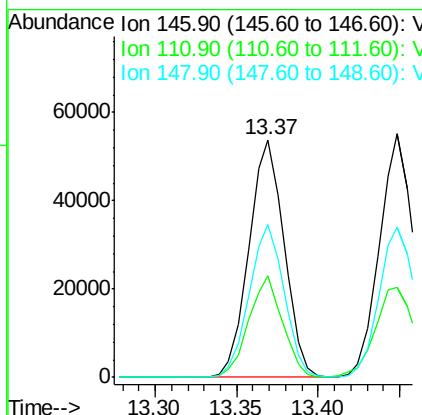
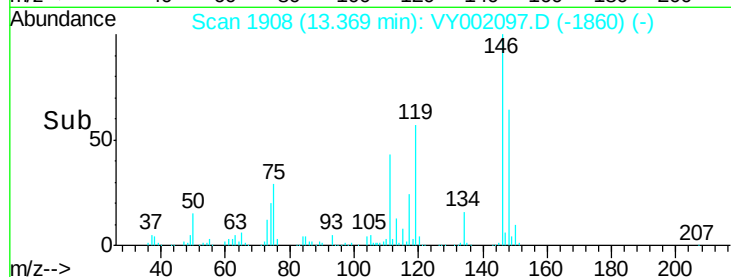
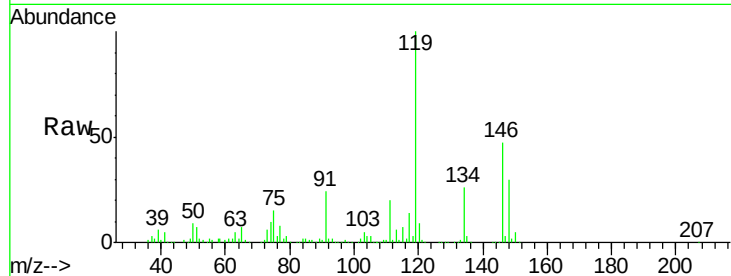
#87
 1,3-Dichlorobenzene
 Concen: 20.897 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.1	20.9	62.8	
148	63.9	32.1	96.5	

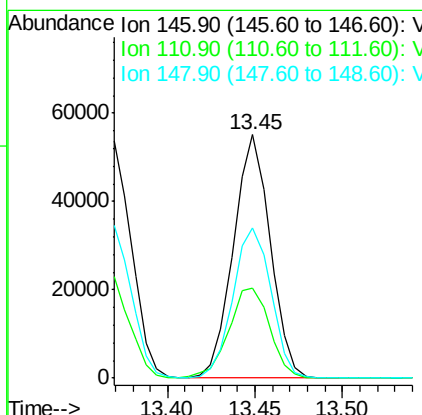
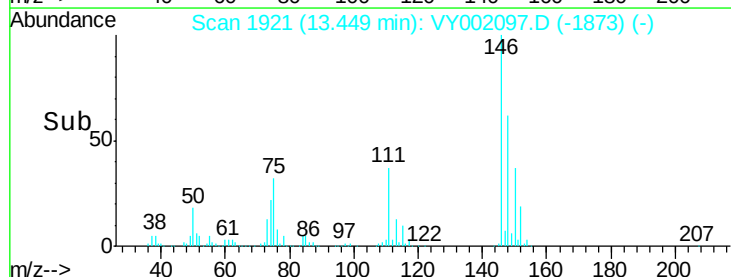
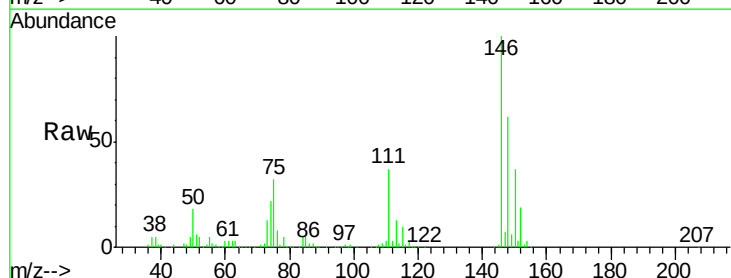
Manual Integrations
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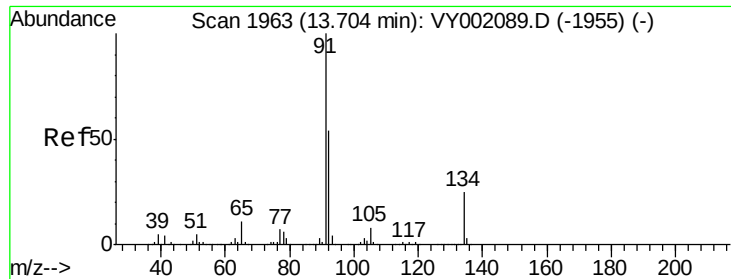
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#88
 1,4-Dichlorobenzene
 Concen: 20.832 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.2	20.3	60.9	
148	64.1	31.5	94.5	





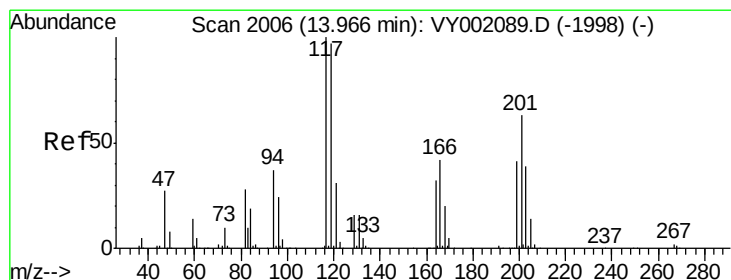
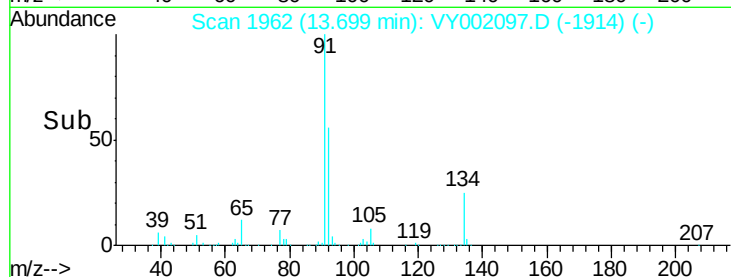
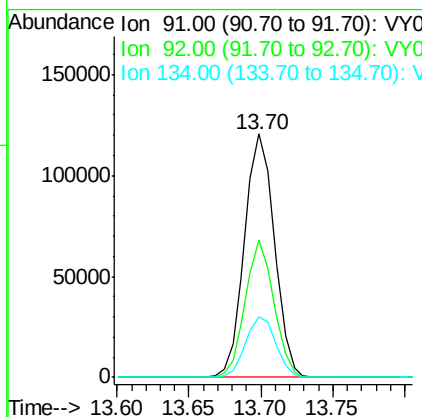
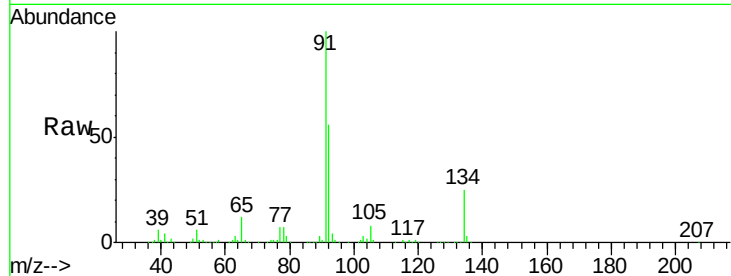
#89
n-Butylbenzene
Concen: 20.497 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	173394		
92	53.9	27.0	81.0	
134	25.1	12.3	36.8	

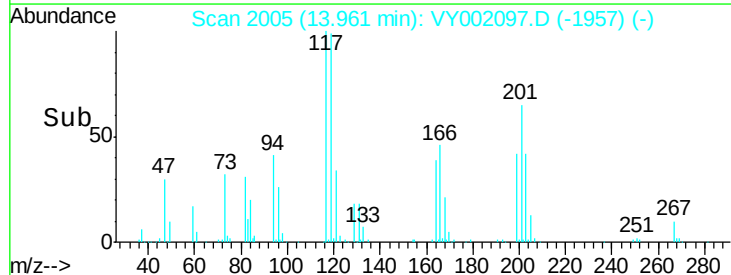
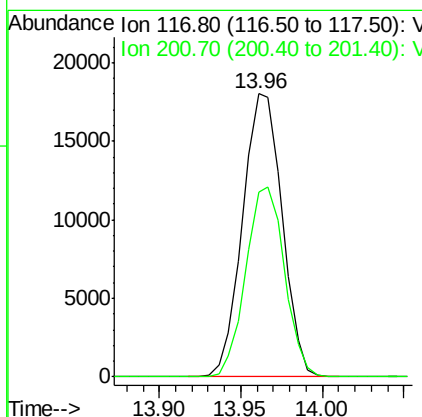
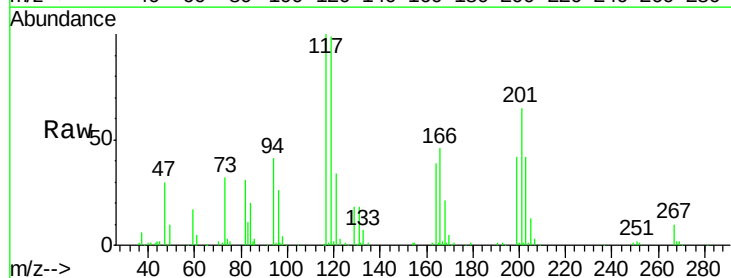
Manual Integrations
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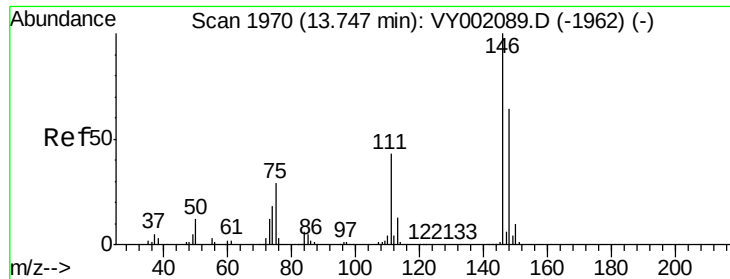
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#90
Hexachloroethane
Concen: 19.930 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	30491		
201	65.5	31.6	94.8	





#91

1,2-Dichlorobenzene

Concen: 20.551 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Instrument :

MSVOA_Y

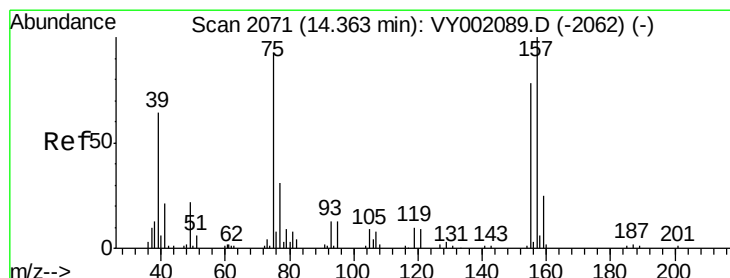
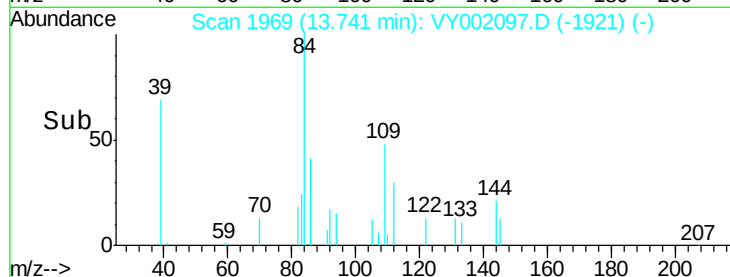
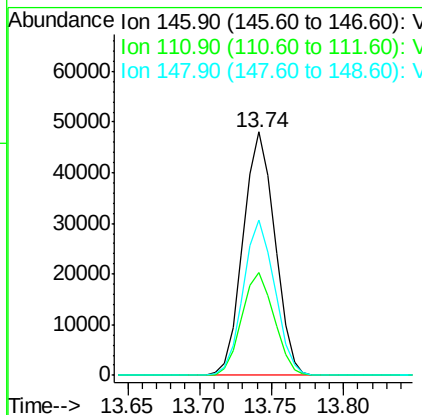
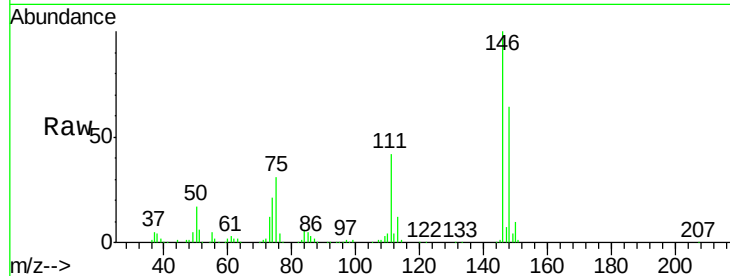
ClientSampleId :

VY0327SBS01

Tot Ion:	146	Resp:	73462
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.3	63.7
148	63.1	31.8	95.4

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.633 ug/l

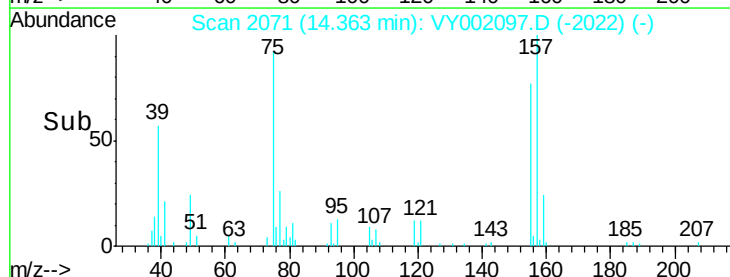
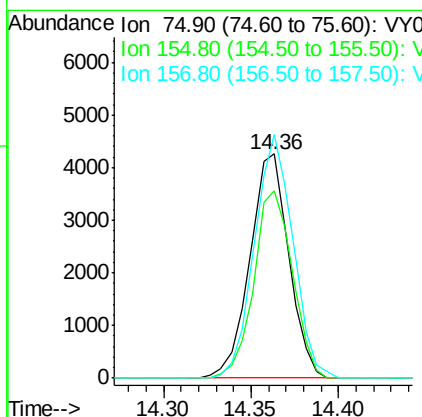
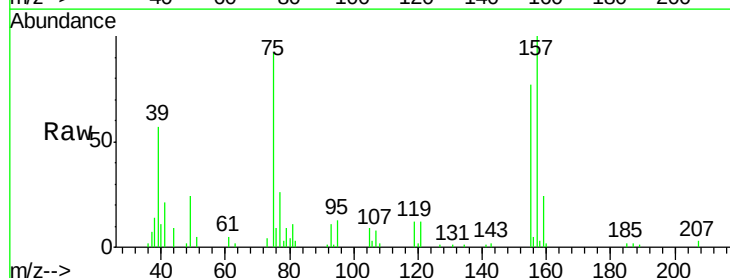
RT: 14.36 min Scan# 2071

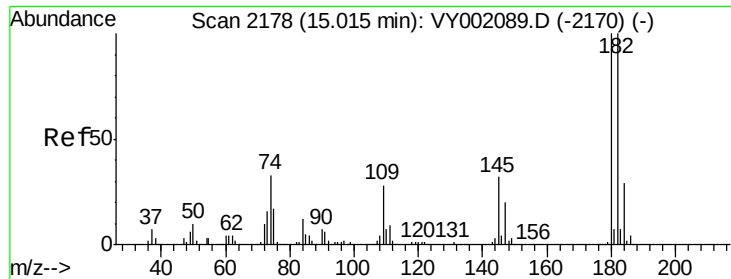
Delta R.T. 0.00 min

Lab File: VY002097.D

Acq: 27 Mar 2020 12:10

Tgt Ion:	75	Resp:	6592
Ion Ratio	Lower	Upper	
75	100		
155	82.8	41.6	124.9
157	107.0	53.4	160.3





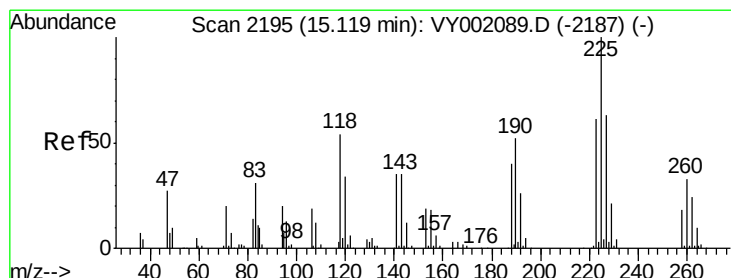
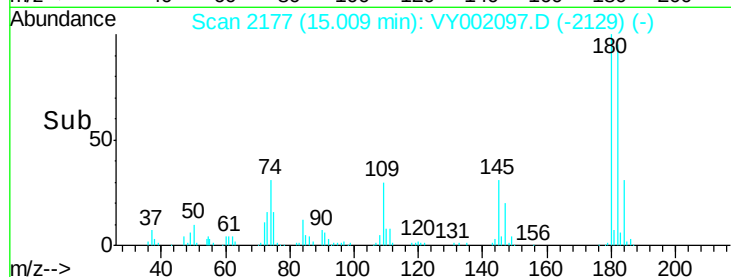
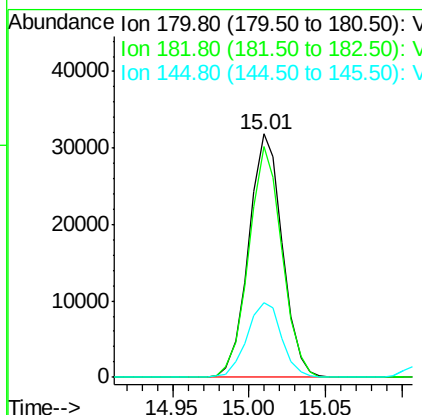
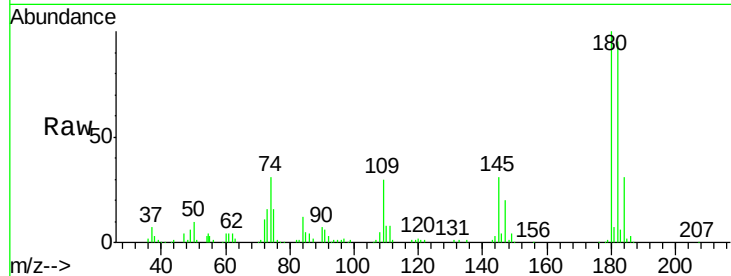
#93
 1,2,4-Trichlorobenzene
 Concen: 21.077 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	48562		
182	93.8	48.1	144.3	
145	31.5	15.9	47.6	

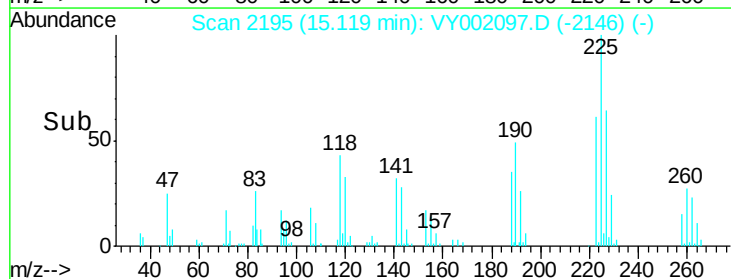
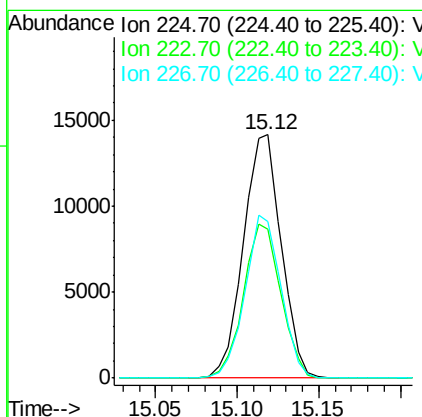
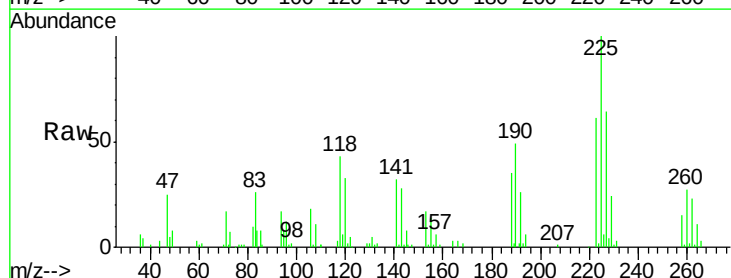
Manual Integrations
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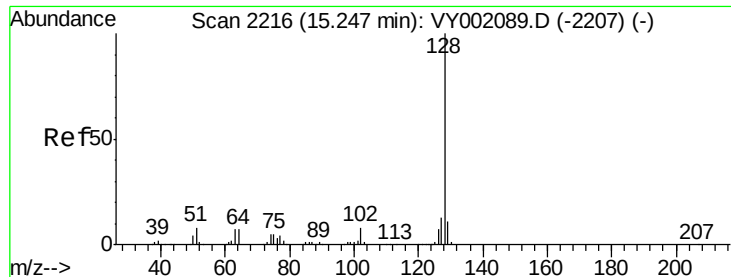
apatel
 3/30/2020 1:10:16 PM



#94
 Hexachlorobutadiene
 Concen: 20.145 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002097.D
 Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22910		
223	62.7	31.1	93.3	
227	63.6	31.6	94.7	





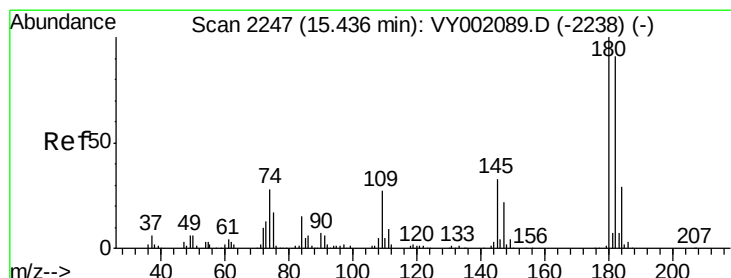
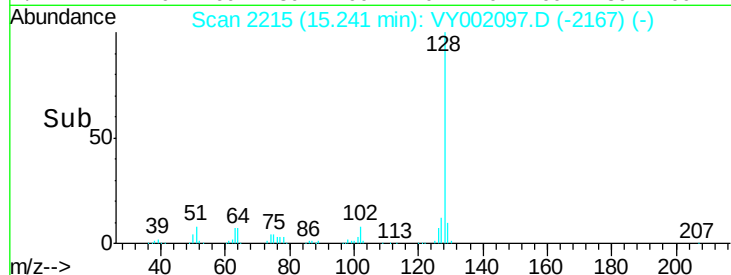
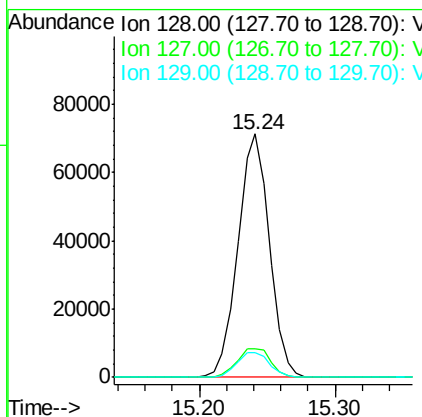
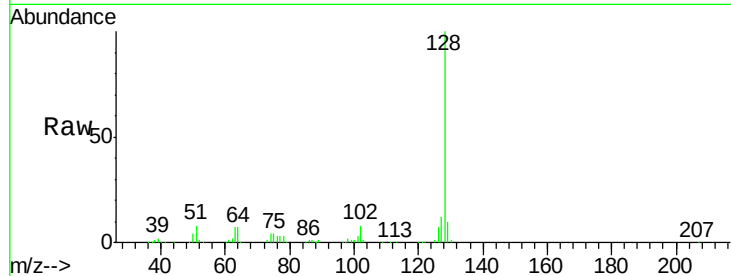
#95
Naphthalene
Concen: 20.974 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	114774		
127	12.8	9.8	14.8	
129	10.7	8.6	13.0	

Manual Integrations
APPROVED

apatel
3/30/2020 1:10:16 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.386 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002097.D
Acq: 27 Mar 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	42592		
182	96.5	46.8	140.3	
145	33.5	16.7	50.1	

