

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011320\
 Data File : VY001170.D
 Acq On : 13 Jan 2020 11:15
 Operator : SY/MD
 Sample : VY0113SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0113SBS01

Manual Integrations
 APPROVED

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 1/14/2020 12:47:21 PM

Quant Time: Jan 14 10:36:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	197430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	336827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	301114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	143729	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	108896	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	7.72	113	103540	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
50) Toluene-d8	10.18	98	421150	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
62) 4-Bromofluorobenzene	12.48	95	161208	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	32830	21.652	ug/l	100
3) Chloromethane	2.12	50	47847	21.892	ug/l	99
4) Vinyl Chloride	2.25	62	48138	21.863	ug/l	97
5) Bromomethane	2.64	94	28339	23.961	ug/l	91
6) Chloroethane	2.79	64	28548	22.443	ug/l	97
7) Trichlorofluoromethane	3.13	101	62743	20.472	ug/l	97
8) Diethyl Ether	3.53	74	24829	20.849	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	41915	21.247	ug/l	99
10) Methyl Iodide	4.09	142	52682	19.510	ug/l	98
11) Tert butyl alcohol	4.97	59	24264	115.653	ug/l	98
12) 1,1-Dichloroethene	3.88	96	42227	20.922	ug/l	100
13) Acrolein	3.73	56	22406	118.630	ug/l	96
14) Allyl chloride	4.48	41	70159	20.596	ug/l	99
15) Acrylonitrile	5.17	53	61726	103.638	ug/l	100
16) Acetone	3.96	43	48343	99.826	ug/l	100
17) Carbon Disulfide	4.19	76	138440	21.193	ug/l	97
18) Methyl Acetate	4.48	43	31028	19.379	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	114141	20.445	ug/l	100
20) Methylene Chloride	4.72	84	51113	19.252	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	46785	20.443	ug/l	97
22) Diisopropyl ether	6.13	45	138970	19.974	ug/l	99
23) Vinyl Acetate	6.07	43	460727	103.543	ug/l	99
24) 1,1-Dichloroethane	6.02	63	79375	20.839	ug/l	99
25) 2-Butanone	6.99	43	80771	107.166	ug/l	100
26) 2,2-Dichloropropane	6.99	77	72365	20.660	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	52609	20.979	ug/l	99
28) Bromochloromethane	7.33	49	29584	18.914	ug/l	98
29) Tetrahydrofuran	7.35	42	54509	105.533	ug/l	99
30) Chloroform	7.51	83	75818	20.315	ug/l	95
31) Cyclohexane	7.79	56	82208	20.384	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	67504	20.385	ug/l	99
36) 1,1-Dichloropropene	7.92	75	63313	20.623	ug/l	99
37) Ethyl Acetate	7.08	43	36724	20.383	ug/l	98
38) Carbon Tetrachloride	7.91	117	58474	20.783	ug/l	96

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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	9.18	83	87078	20.922	ug/l	98
40) Benzene	8.16	78	186490	20.810	ug/l	99
41) Methacrylonitrile	7.33	41	19769m	23.359	ug/l	
42) 1,2-Dichloroethane	8.24	62	50563	20.150	ug/l	98
43) Isopropyl Acetate	8.28	43	70681	20.516	ug/l	100
44) Trichloroethene	8.94	130	49882	21.362	ug/l	96
45) 1,2-Dichloropropane	9.22	63	46004	20.765	ug/l	100
46) Dibromomethane	9.31	93	25026	20.703	ug/l	99
47) Bromodichloromethane	9.50	83	61158	20.760	ug/l	98
48) Methyl methacrylate	9.29	41	33984	21.316	ug/l	99
49) 1,4-Dioxane	9.30	88	6838	464.510	ug/l	90
51) 4-Methyl-2-Pentanone	10.07	43	180434	103.216	ug/l	99
52) Toluene	10.24	92	120855	21.145	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	67547	20.491	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	76806	20.665	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	37524	20.939	ug/l	95
56) Ethyl methacrylate	10.51	69	55956	20.413	ug/l	99
57) 1,3-Dichloropropane	10.79	76	64696	21.030	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	104842	108.744	ug/l	100
59) 2-Hexanone	10.83	43	128864	105.183	ug/l	100
60) Dibromochloromethane	10.99	129	42355	20.528	ug/l	98
61) 1,2-Dibromoethane	11.09	107	36371	20.786	ug/l	100
64) Tetrachloroethene	10.72	164	40438	20.833	ug/l	96
65) Chlorobenzene	11.52	112	125265	20.819	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	44021	21.228	ug/l	100
67) Ethyl Benzene	11.59	91	231717	21.053	ug/l	99
68) m/p-Xylenes	11.70	106	177297	42.702	ug/l	99
69) o-Xylene	12.03	106	83791	21.049	ug/l	98
70) Styrene	12.04	104	146441	20.966	ug/l	98
71) Bromoform	12.20	173	26505	20.726	ug/l #	99
73) Isopropylbenzene	12.33	105	221756	20.523	ug/l	99
74) N-amyl acetate	12.14	43	67926	20.144	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	46420	20.419	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	32384m	21.047	ug/l	
77) Bromobenzene	12.61	156	49714	20.822	ug/l	96
78) n-propylbenzene	12.67	91	268243	20.639	ug/l	100
79) 2-Chlorotoluene	12.75	91	152679	20.455	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	188452	20.903	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	18019	19.859	ug/l #	100
82) 4-Chlorotoluene	12.85	91	160857	20.186	ug/l	97
83) tert-Butylbenzene	13.08	119	162606	21.465	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	188646	21.071	ug/l	99
85) sec-Butylbenzene	13.25	105	229825	21.089	ug/l	98
86) p-Isopropyltoluene	13.37	119	205252	21.692	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	97157	21.517	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	98827	21.266	ug/l	99
89) n-Butylbenzene	13.69	91	205561	21.570	ug/l	99
90) Hexachloroethane	13.96	117	39090	21.143	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	89946	21.434	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8586	20.938	ug/l	99

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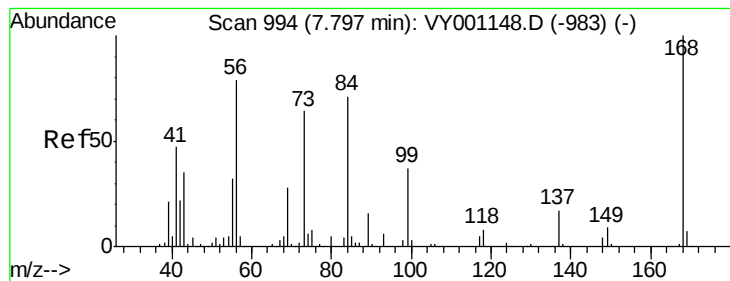
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	61122	22.107	ug/l	100
94) Hexachlorobutadiene	15.11	225	31248	22.434	ug/l	99
95) Naphthalene	15.23	128	135939	21.119	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	53067	21.778	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Tot Ion:168 Resp: 197430

Ion Ratio Lower Upper

168 100

99 57.3 47.9 71.9

Instrument :

MSVOA_Y

ClientSampleId :

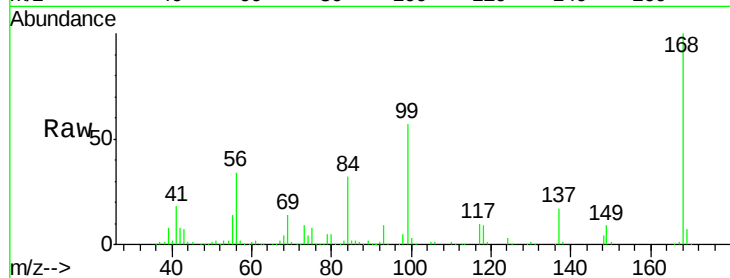
VY0113SBS01

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Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

60000

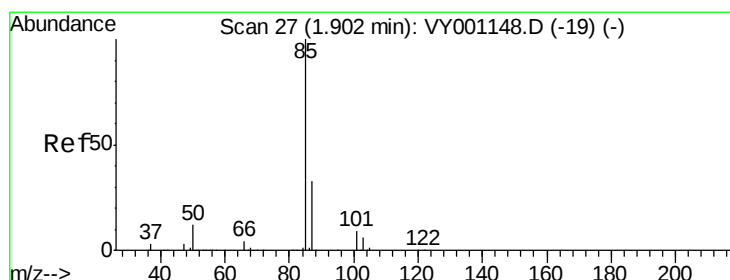
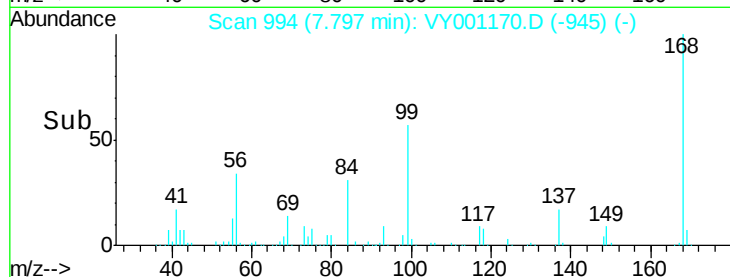
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.652 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY001170.D

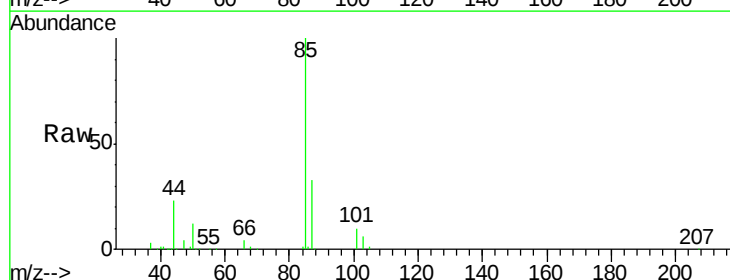
Acq: 13 Jan 2020 11:15

Tgt Ion: 85 Resp: 32830

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)

1.90

25000

20000

15000

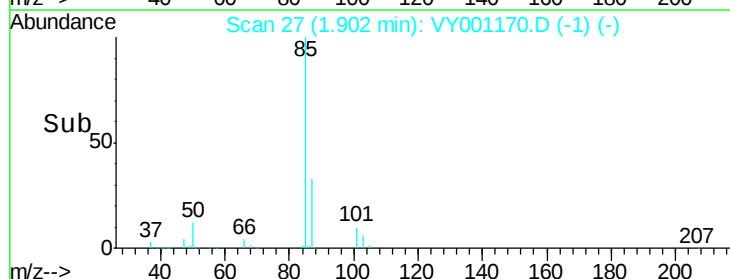
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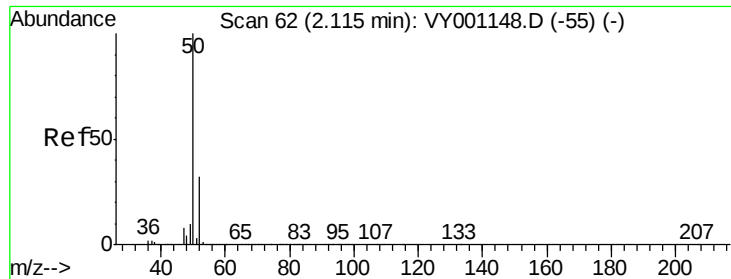
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 21.892 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0113SBS01

Tot Ion: 50 Resp: 47847

Ion Ratio Lower Upper

50 100

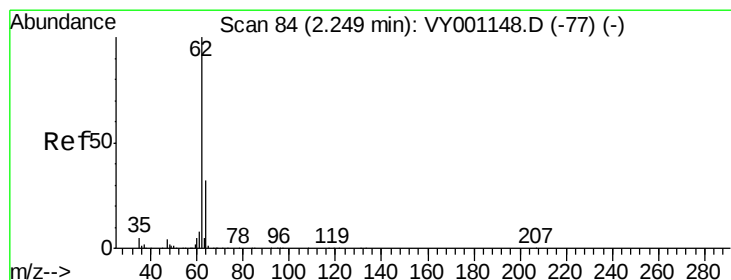
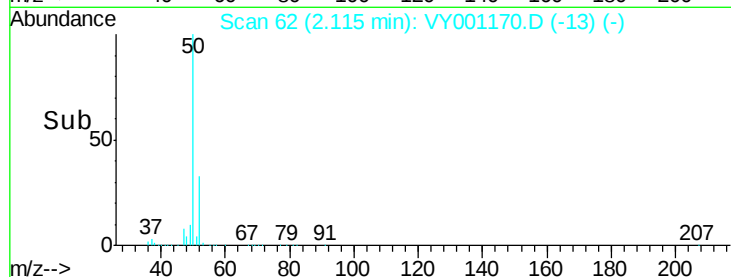
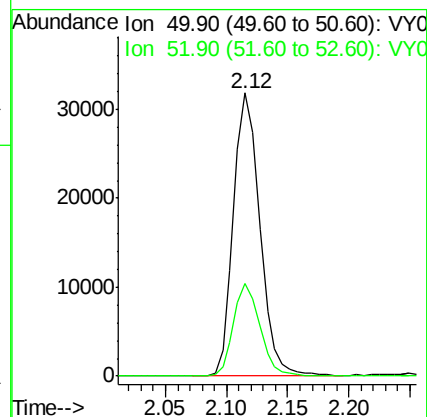
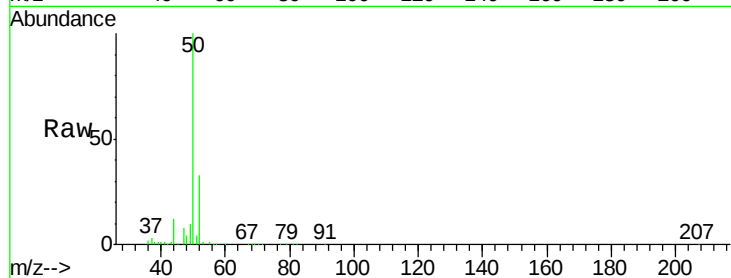
52 32.5 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.863 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY001170.D

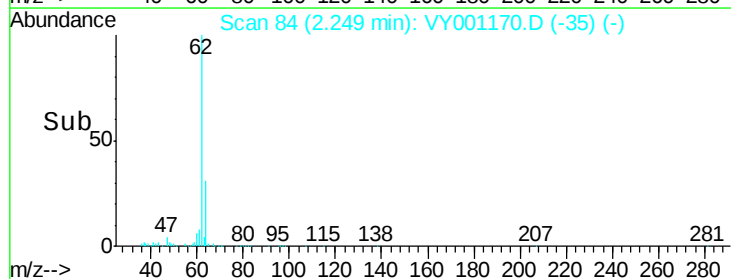
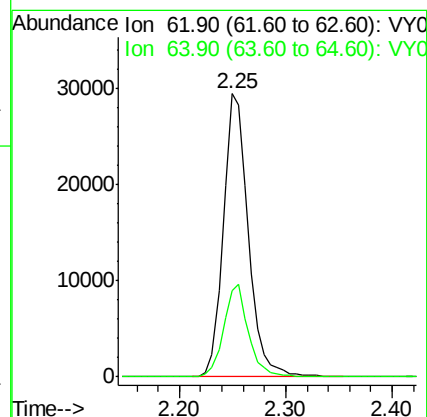
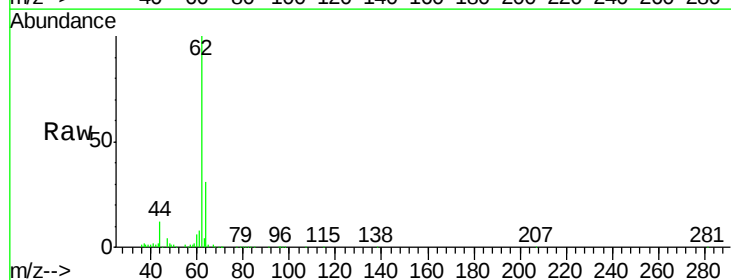
Acq: 13 Jan 2020 11:15

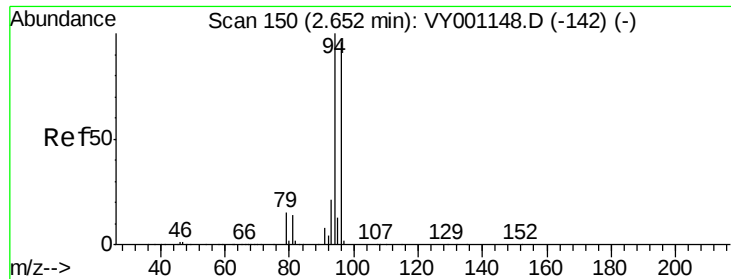
Tgt Ion: 62 Resp: 48138

Ion Ratio Lower Upper

62 100

64 30.6 25.8 38.8





#5

Bromomethane

Concen: 23.961 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0113SBS01

Tot Ion: 94 Resp: 28339

Ion Ratio Lower Upper

94 100

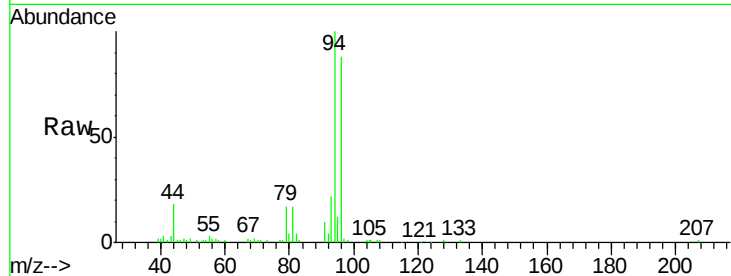
96 87.8 77.3 115.9

Manual Integrations

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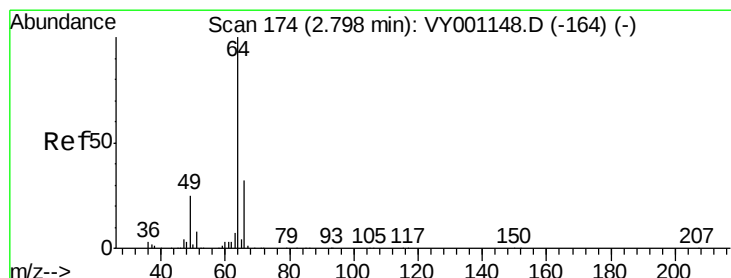
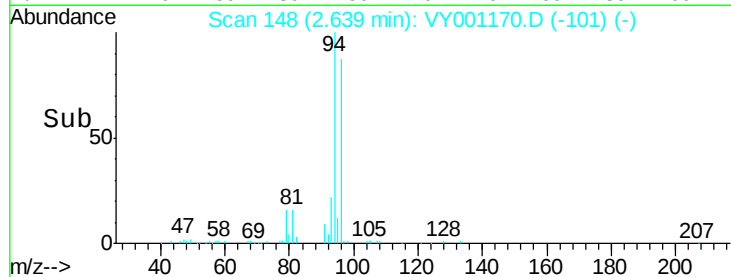
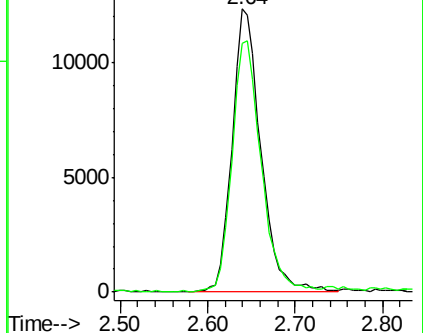
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 22.443 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY001170.D

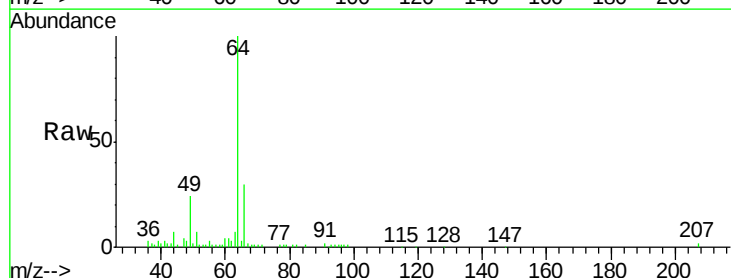
Acq: 13 Jan 2020 11:15

Tgt Ion: 64 Resp: 28548

Ion Ratio Lower Upper

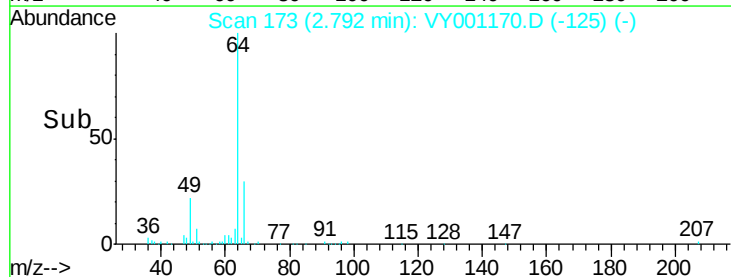
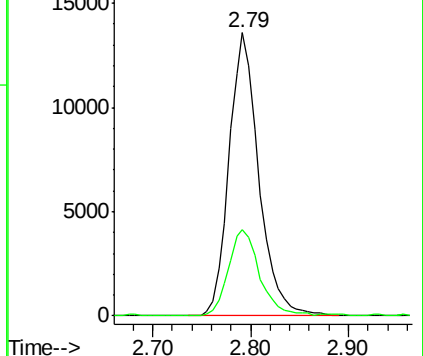
64 100

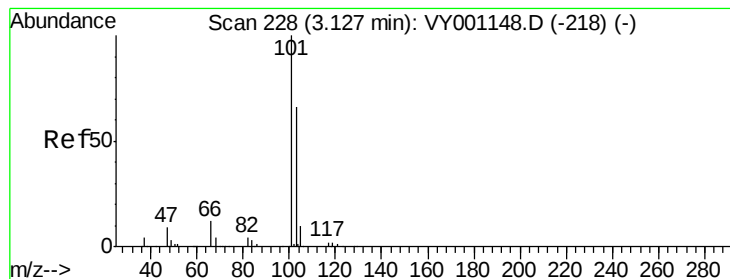
66 30.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

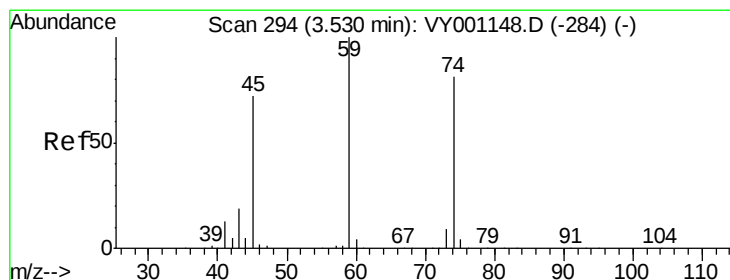
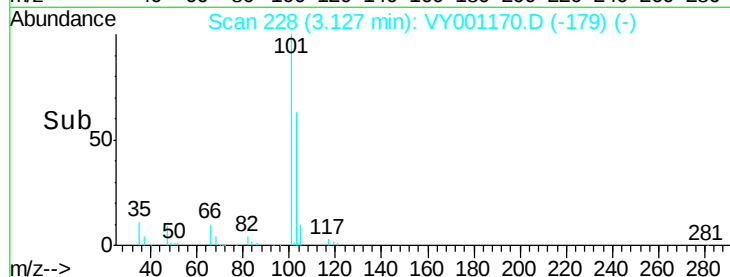
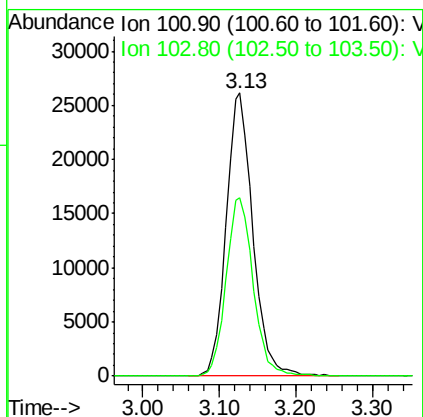
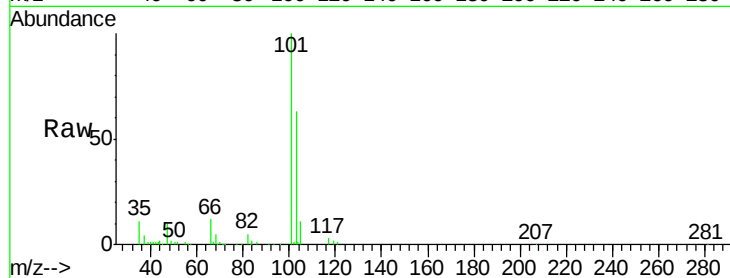
Trichlorofluoromethane
Concen: 20.472 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
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ClientSampleId :
VY0113SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.6	79.0

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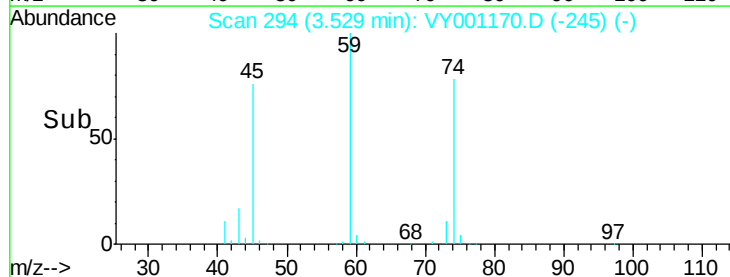
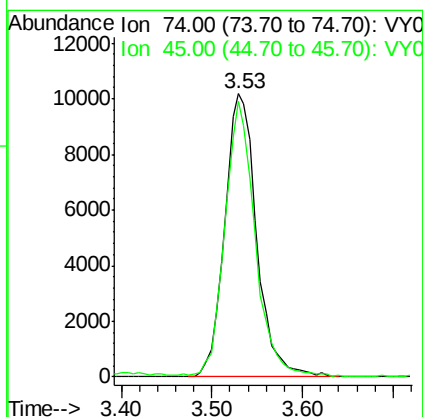
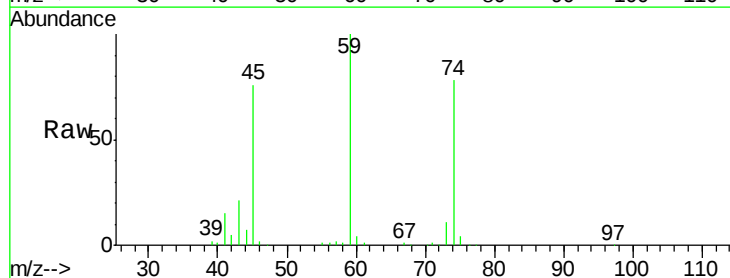
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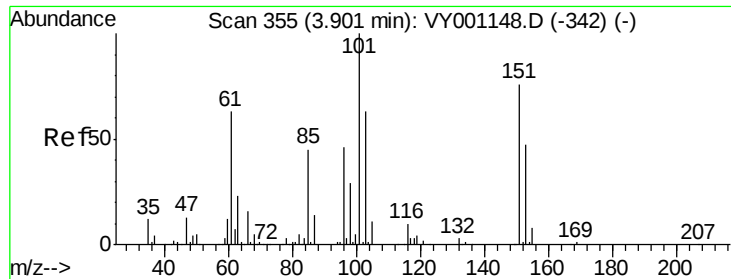


#8

Diethyl Ether
Concen: 20.849 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.2	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.247 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

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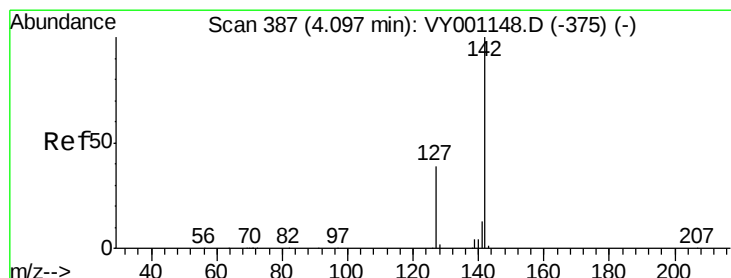
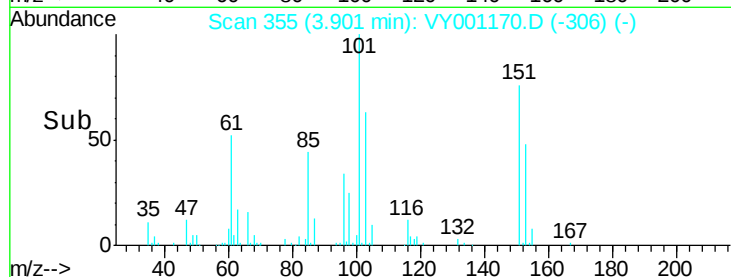
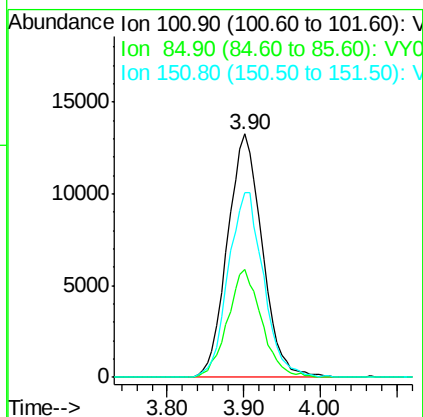
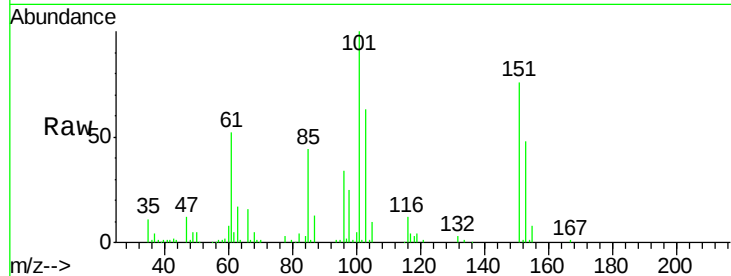
ClientSampleId :

VY0113SBS01

Tot Ion:	101	Resp:	41915
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.2	52.8
151	76.9	61.4	92.2

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#10

Methyl Iodide

Concen: 19.510 ug/l

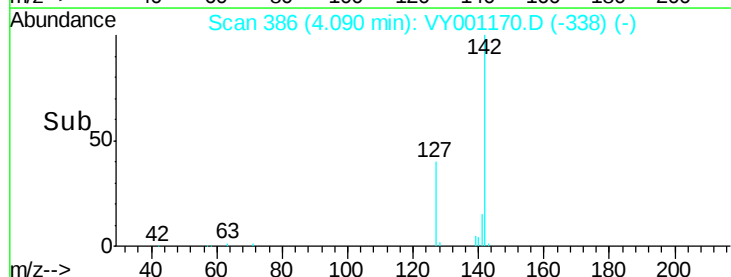
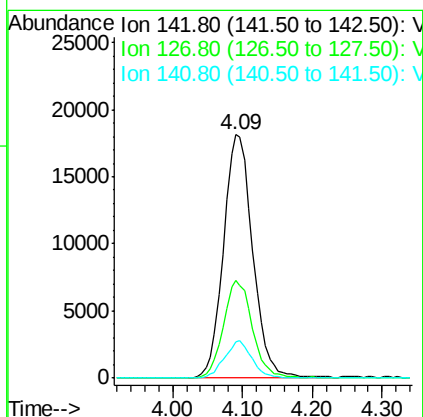
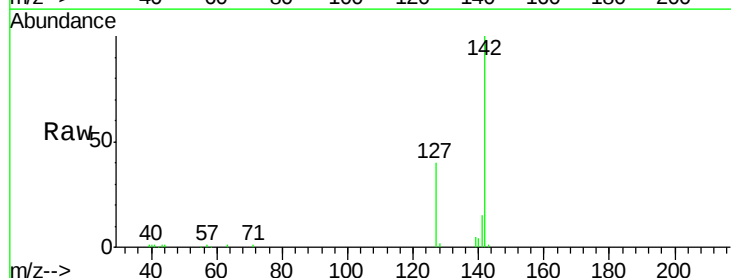
RT: 4.09 min Scan# 386

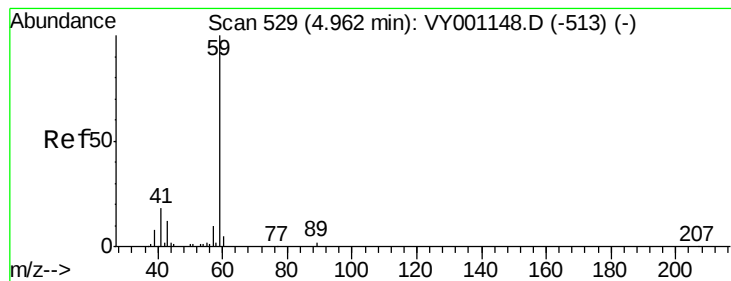
Delta R.T. -0.01 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Tgt Ion:	142	Resp:	52682
Ion Ratio	Lower	Upper	
142	100		
127	39.5	30.8	46.2
141	14.3	11.0	16.4





#11

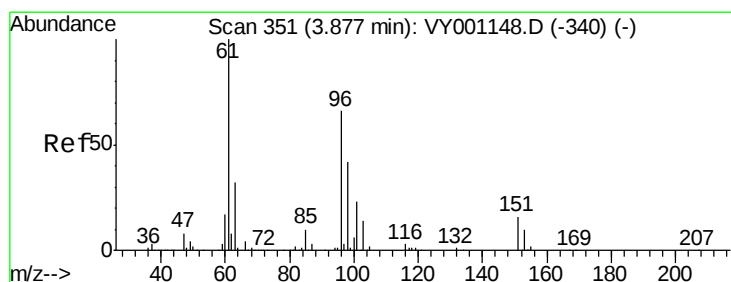
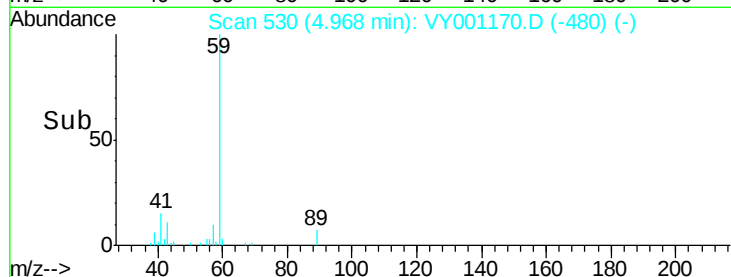
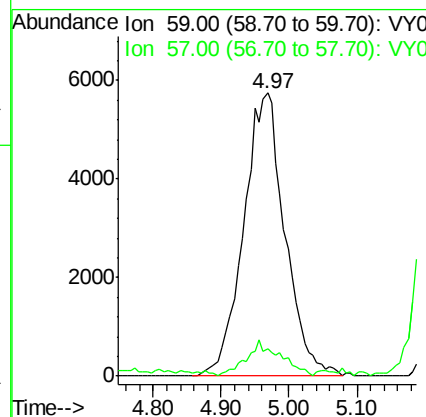
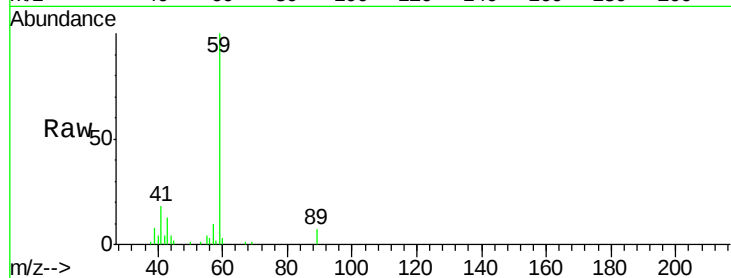
Tert butyl alcohol
Concen: 115.653 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion	59	Resp	24264
Ion Ratio	100	Lower	Upper
57	10.5	7.8	11.8

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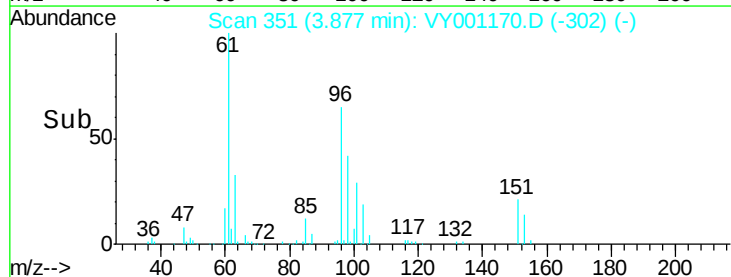
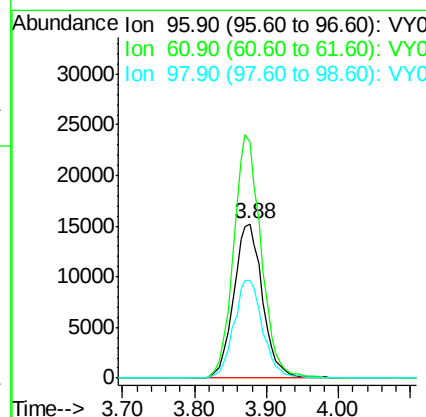
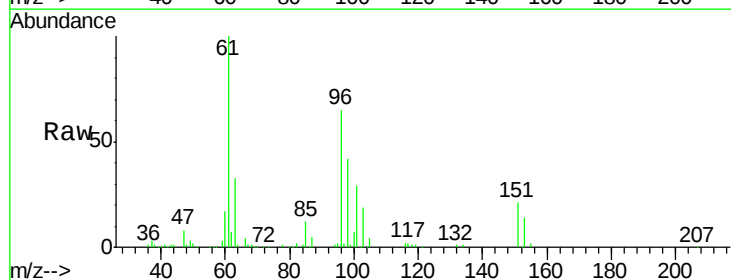
apatel
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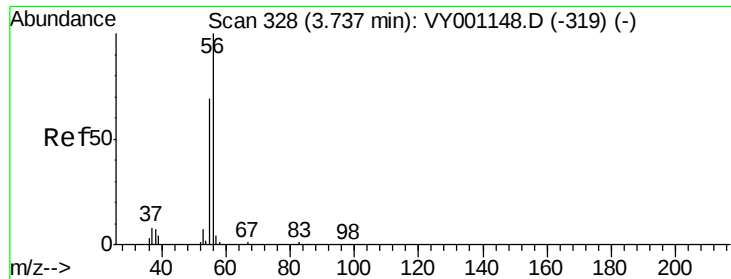


#12

1,1-Dichloroethene
Concen: 20.922 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion	96	Resp	42227
Ion Ratio	100	Lower	Upper
61	153.0	122.1	183.1
98	63.8	51.0	76.6





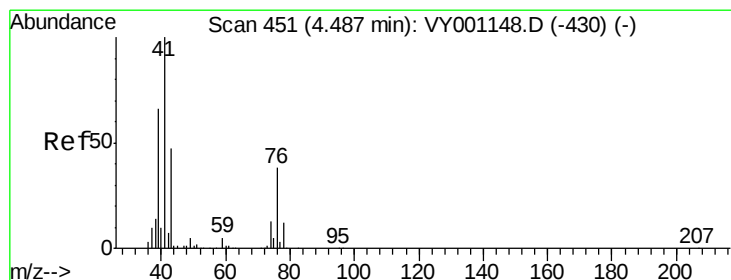
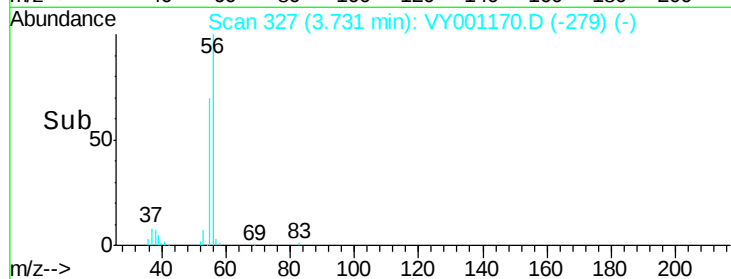
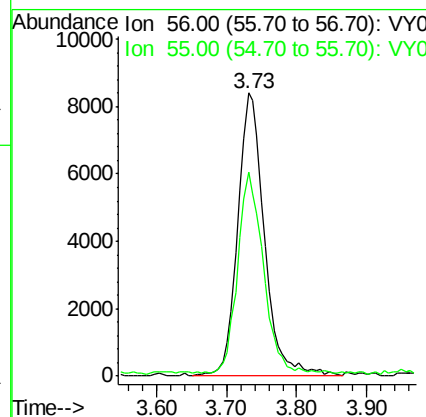
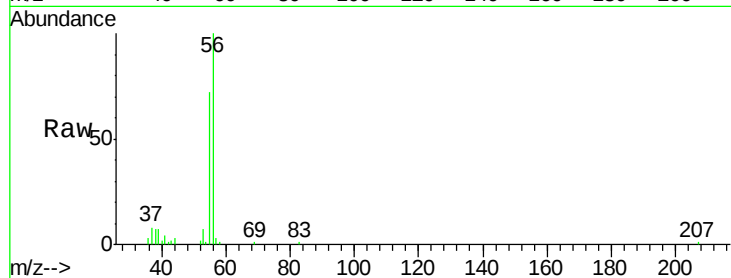
#13
 Acrolein
 Concen: 118.630 ug/l
 RT: 3.73 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VY001170.D
 Acq: 13 Jan 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0113SBS01

Tot Ion	56	Resp	22406
Ion Ratio	100	Lower	Upper
56	100		
55	67.5	56.7	85.1

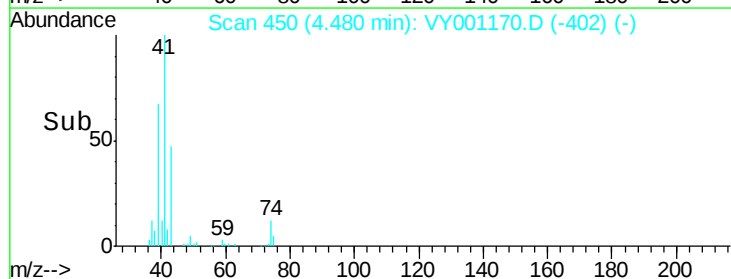
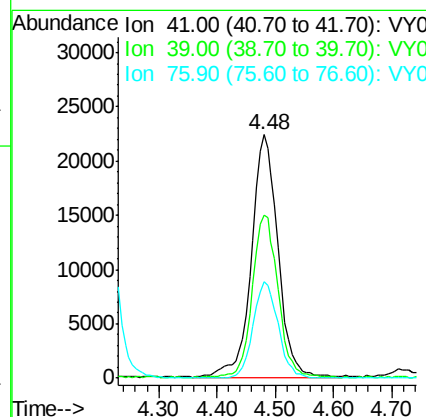
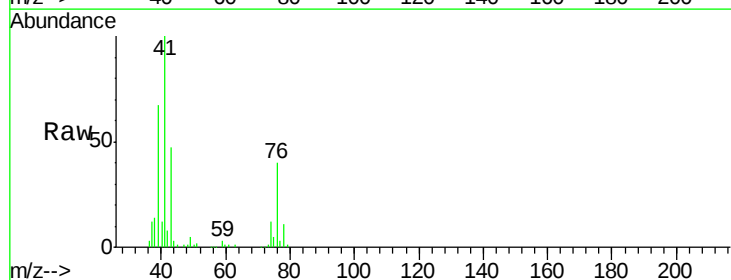
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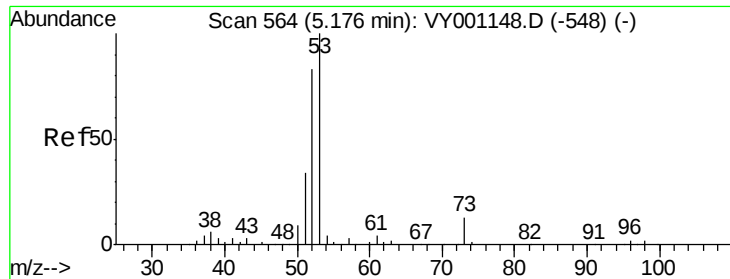
apatel
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#14
 Allyl chloride
 Concen: 20.596 ug/l
 RT: 4.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: VY001170.D
 Acq: 13 Jan 2020 11:15

Tgt Ion	41	Resp	70159
Ion Ratio	100	Lower	Upper
41	100		
39	64.9	52.6	78.8
76	37.5	30.2	45.2





#15

Acrylonitrile

Concen: 103.638 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

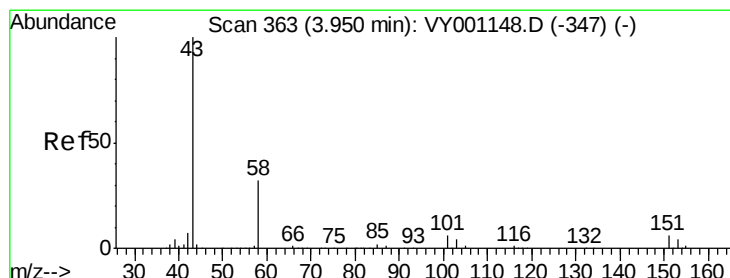
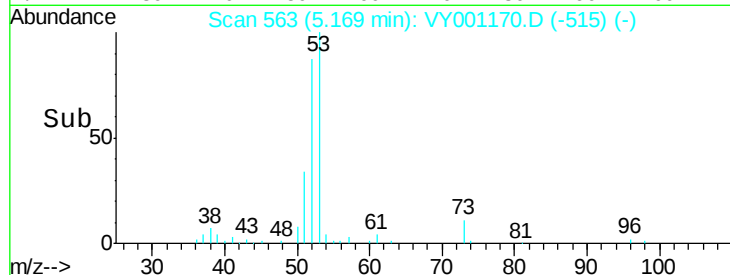
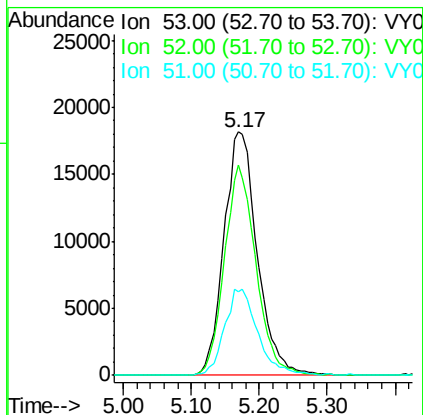
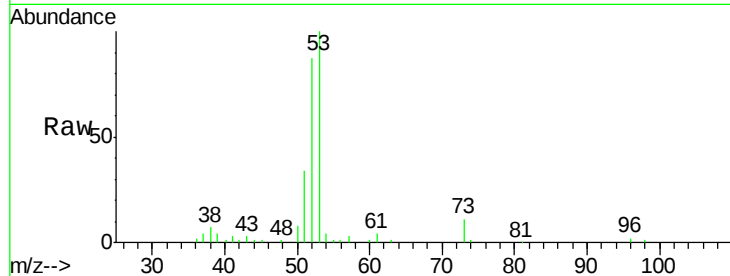
ClientSampleId :

VY0113SBS01

Tot Ion:	53	Resp:	61726
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.7	98.5
51	35.4	28.7	43.1

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#16

Acetone

Concen: 99.826 ug/l

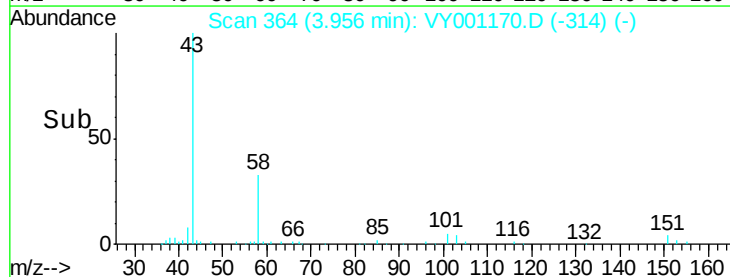
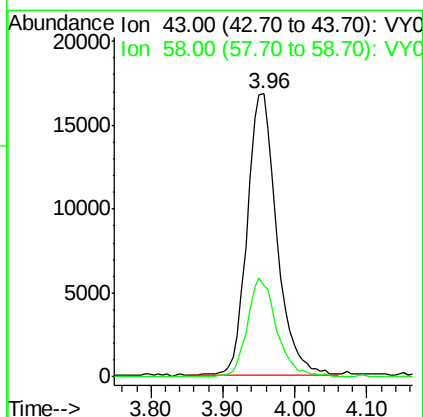
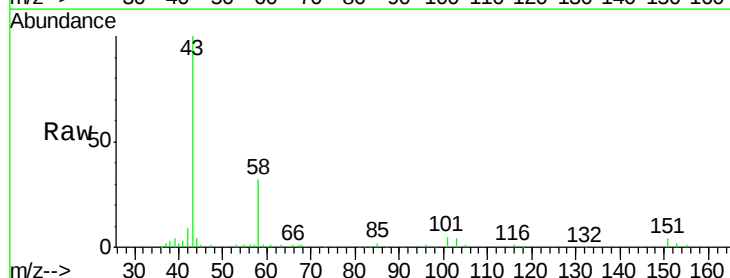
RT: 3.96 min Scan# 364

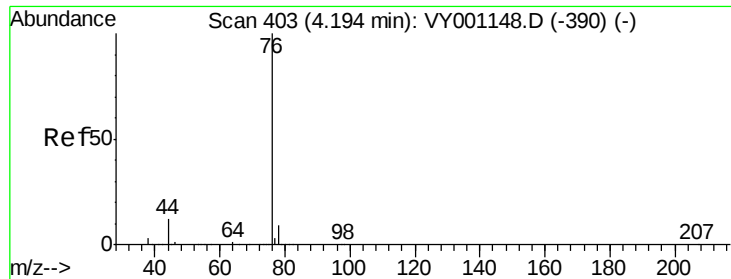
Delta R.T. 0.01 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Tgt Ion:	43	Resp:	48343
Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.8	38.6





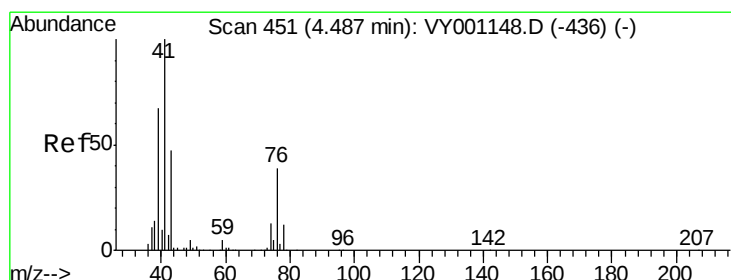
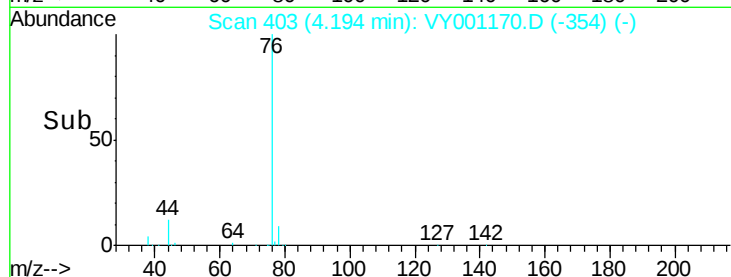
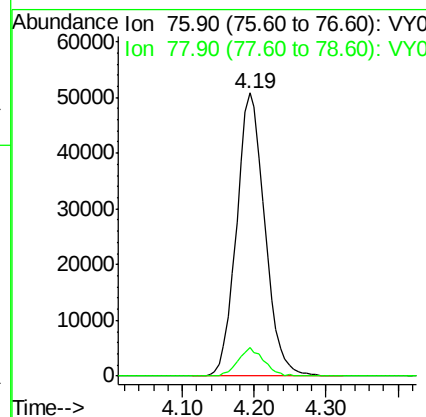
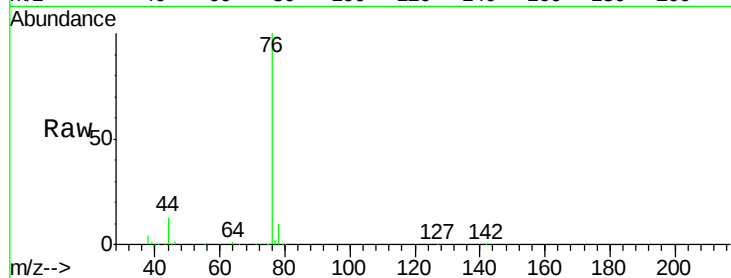
#17
Carbon Disulfide
Concen: 21.193 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.2	10.8

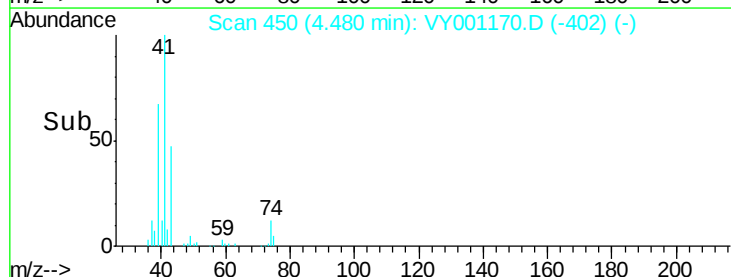
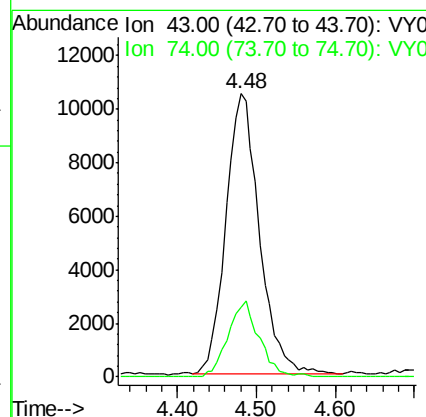
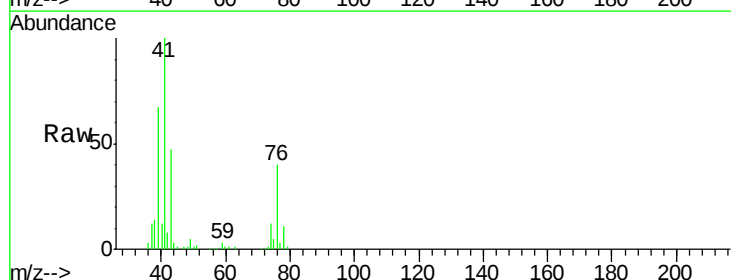
Manual Integrations
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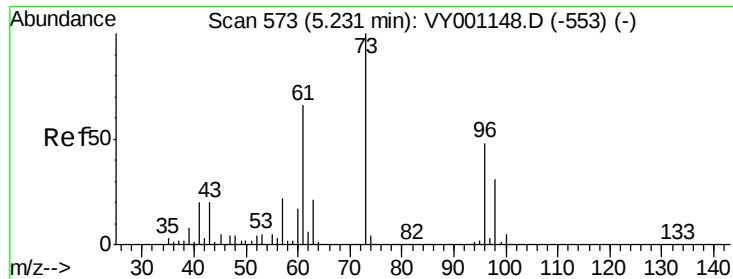
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#18
Methyl Acetate
Concen: 19.379 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	20.2	30.2





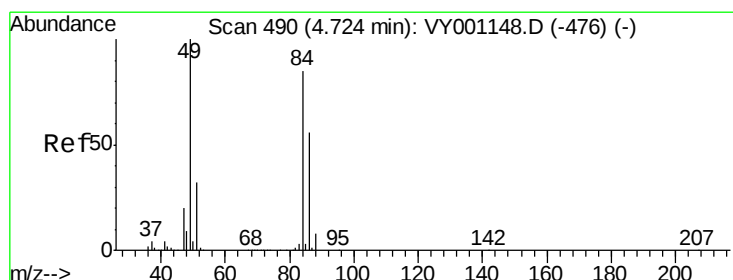
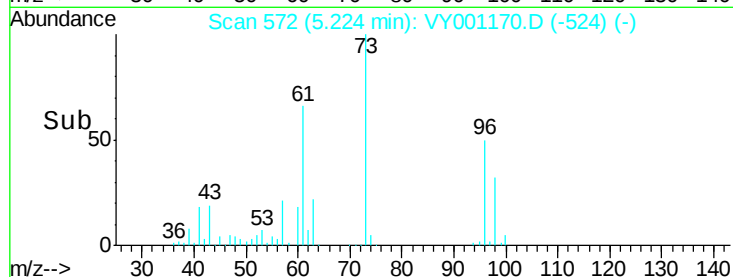
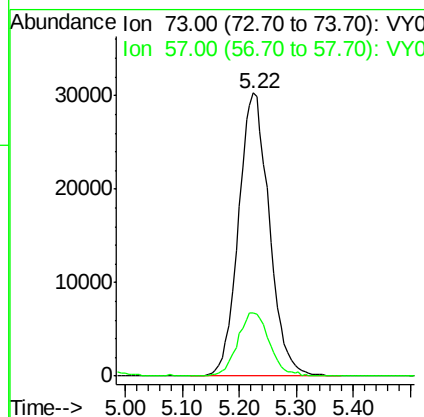
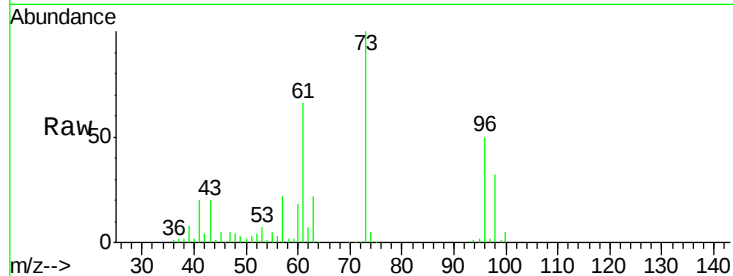
#19
Methyl tert-butyl Ether
Concen: 20.445 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion: 73 Resp: 114141
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.6

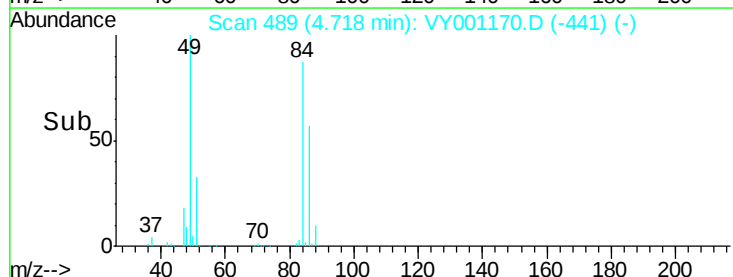
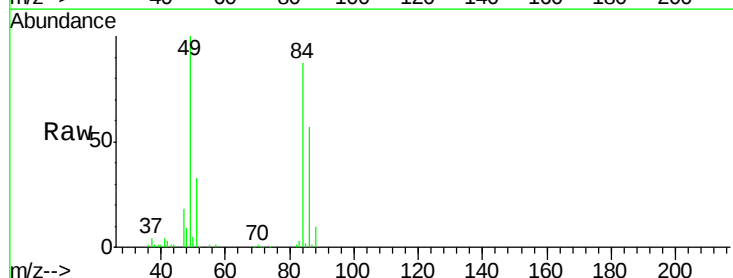
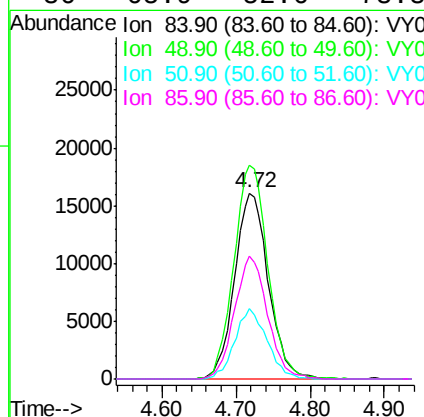
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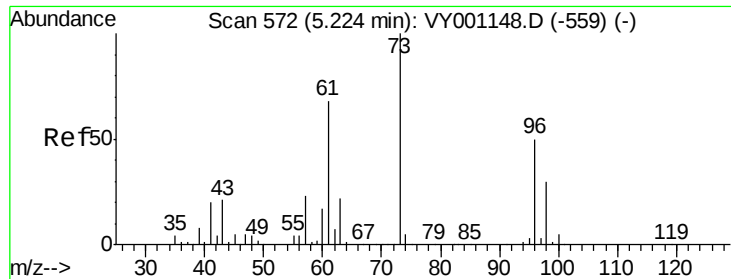
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#20
Methylene Chloride
Concen: 19.252 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion: 84 Resp: 51113
Ion Ratio Lower Upper
84 100
49 115.0 93.8 140.6
51 37.8 29.9 44.9
86 65.9 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.443 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

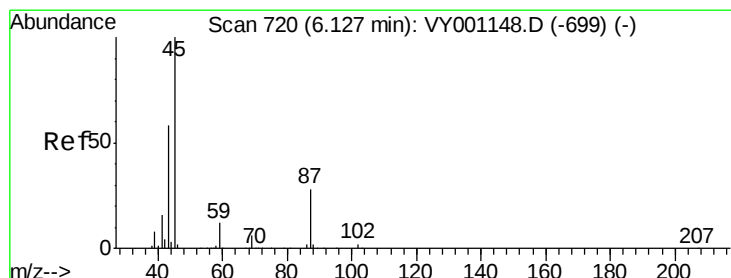
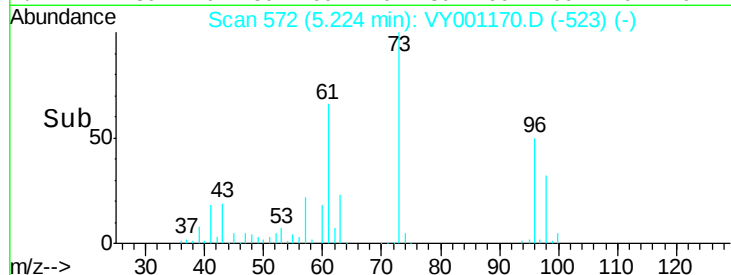
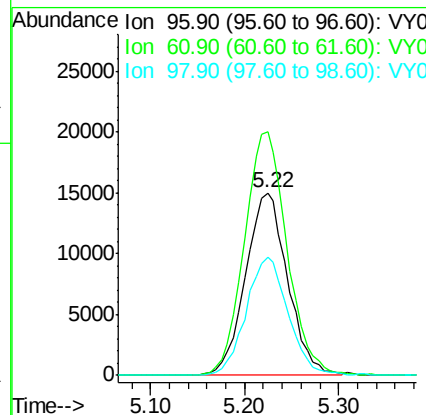
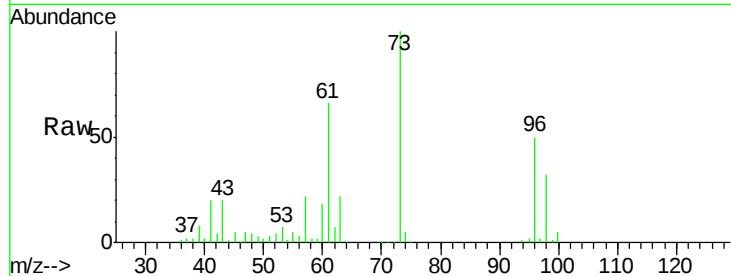
ClientSampleId :

VY0113SBS01

Tot Ion:	96	Resp:	46785
Ion	Ratio	Lower	Upper
96	100		
61	133.3	107.6	161.4
98	64.6	47.6	71.4

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#22

Diisopropyl ether

Concen: 19.974 ug/l

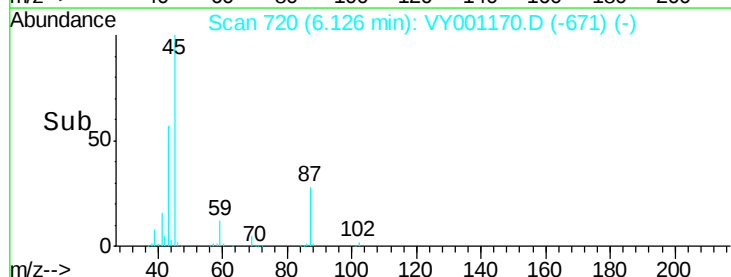
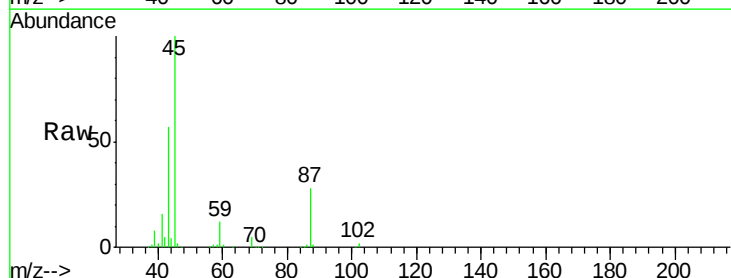
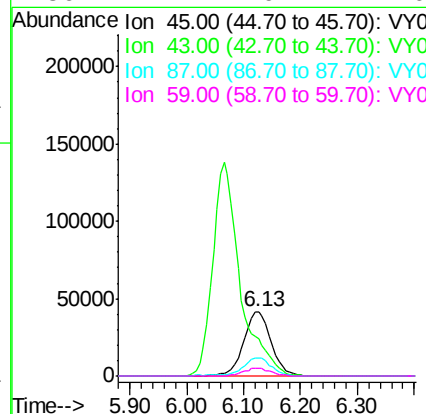
RT: 6.13 min Scan# 720

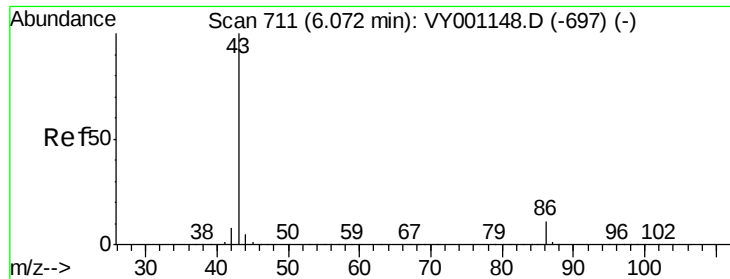
Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Tgt Ion:	45	Resp:	138970
Ion	Ratio	Lower	Upper
45	100		
43	56.8	46.5	69.7
87	28.1	22.5	33.7
59	12.4	9.4	14.0





#23

Vinyl Acetate

Concen: 103.543 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0113SBS01

Tot Ion: 43 Resp: 460727

Ion Ratio Lower Upper

43 100

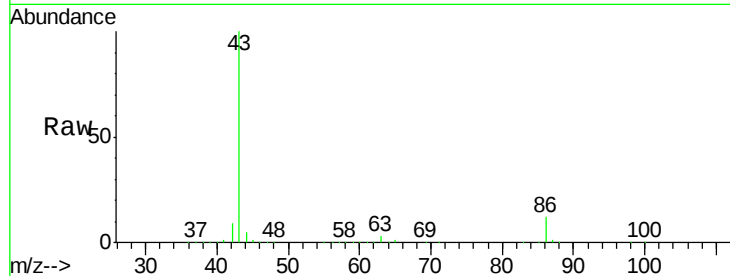
86 11.7 9.0 13.4

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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

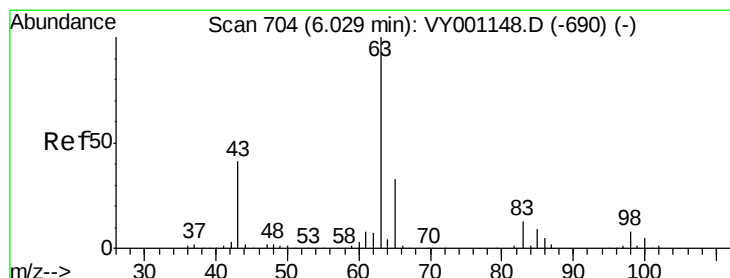
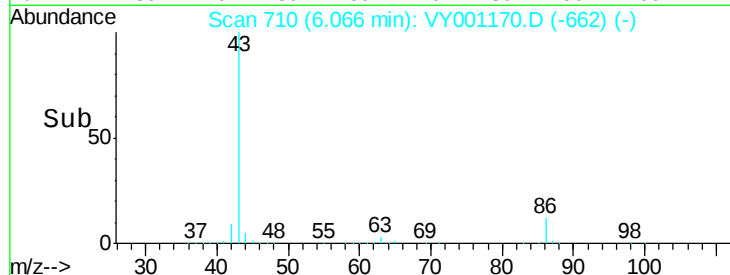
100000

50000

0

6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 20.839 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

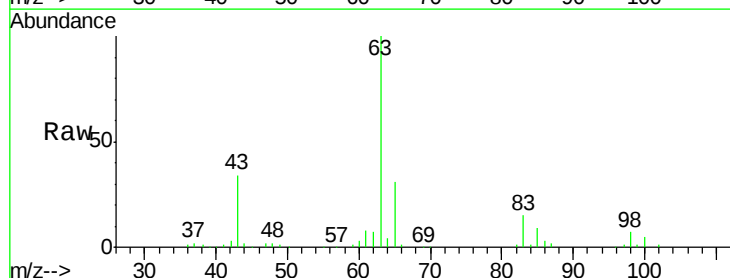
Tgt Ion: 63 Resp: 79375

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 5.4 2.4 7.2



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

6.02

30000

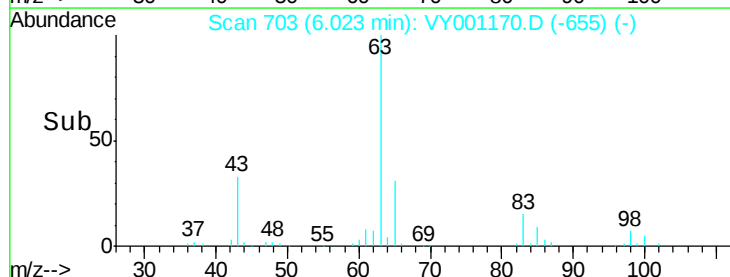
20000

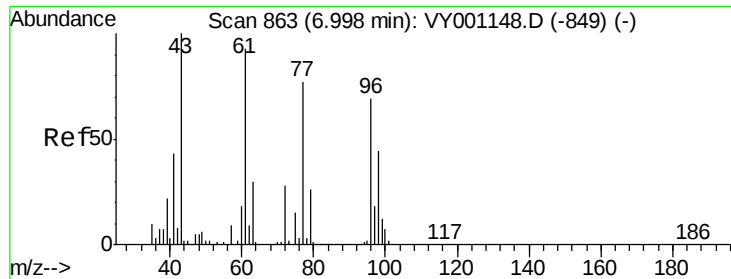
10000

0

5.90 6.10 6.20

Time-->





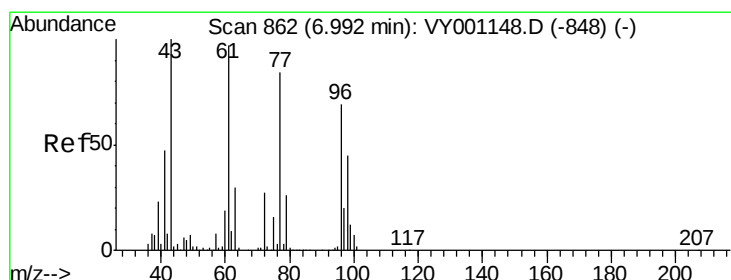
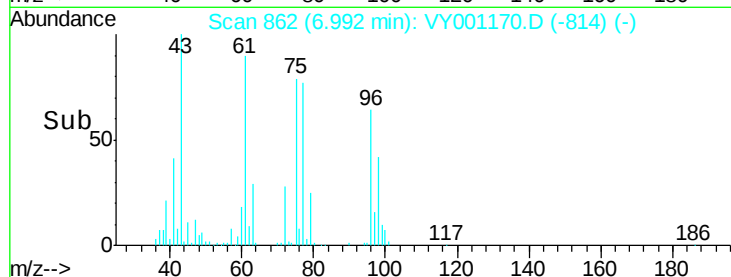
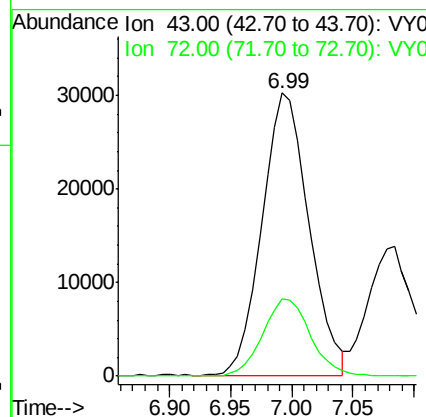
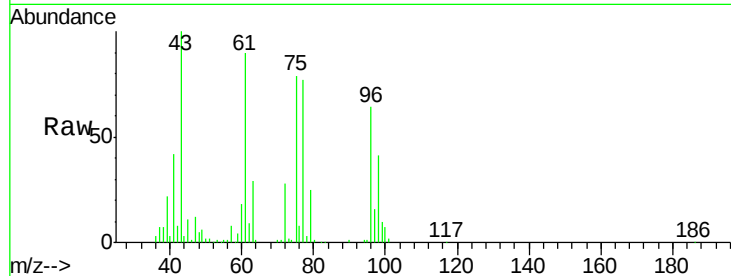
#25
2-Butanone
Concen: 107.166 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion: 43 Resp: 80771
Ion Ratio Lower Upper
43 100
72 27.6 22.2 33.2

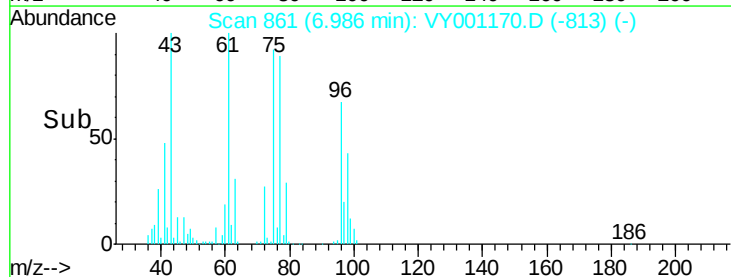
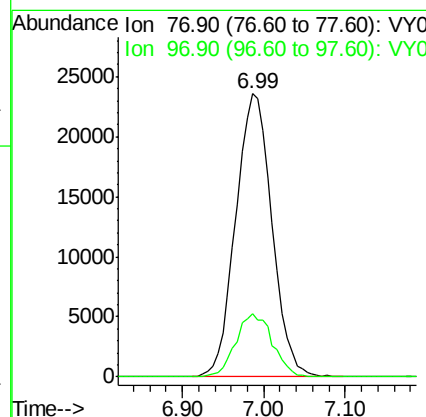
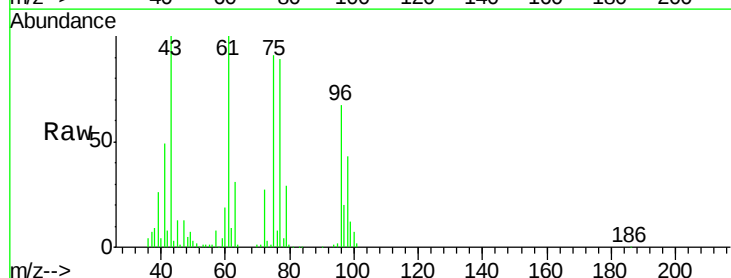
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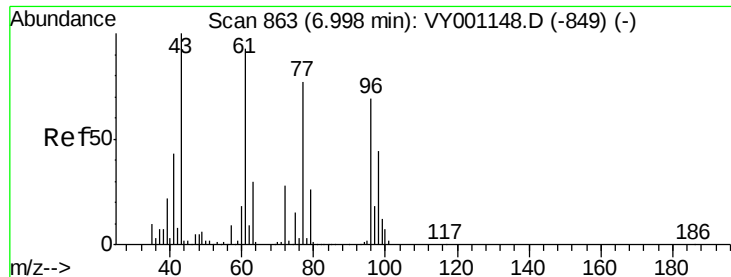
apatel
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#26
2,2-Dichloropropane
Concen: 20.660 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion: 77 Resp: 72365
Ion Ratio Lower Upper
77 100
97 22.6 11.9 35.7





#27

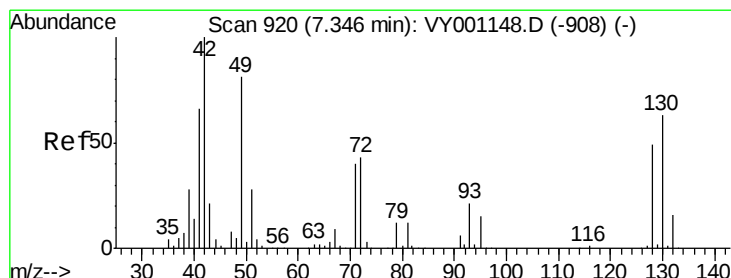
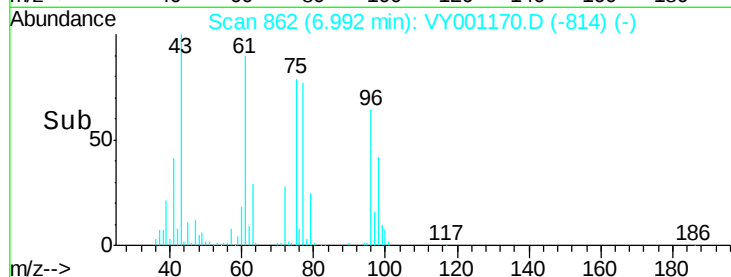
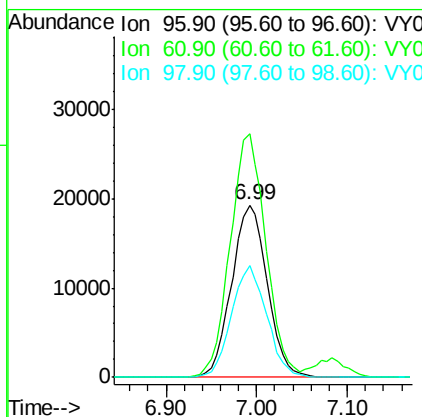
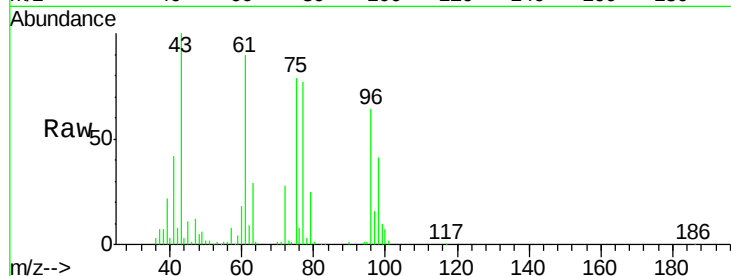
cis-1,2-Dichloroethene
Concen: 20.979 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	284.0
98	63.8	0.0	130.2

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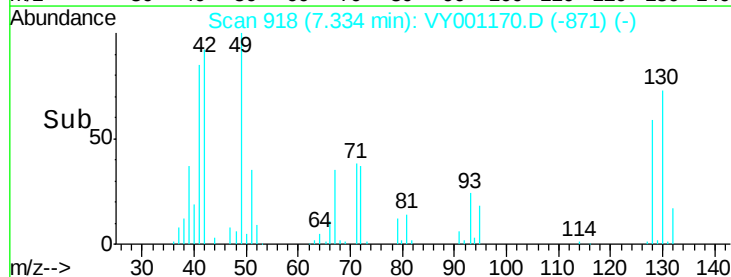
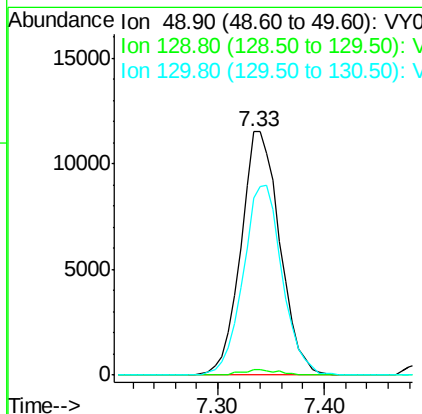
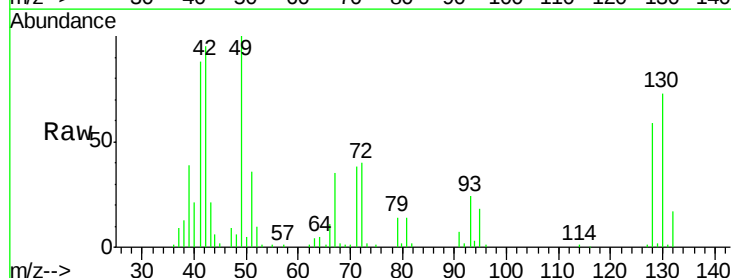
apatel
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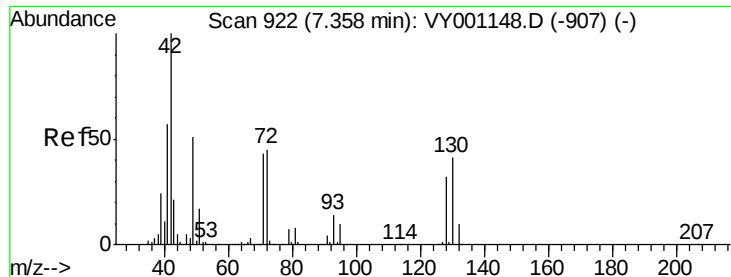


#28

Bromochloromethane
Concen: 18.914 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.4
130	78.1	61.2	91.8





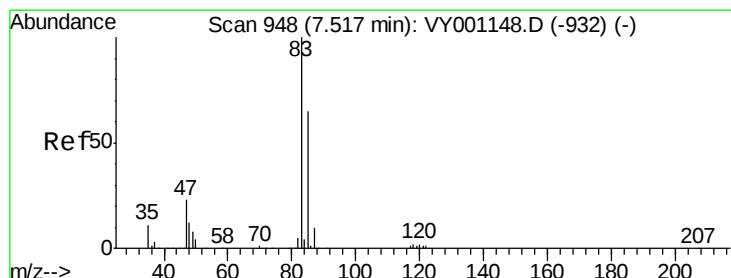
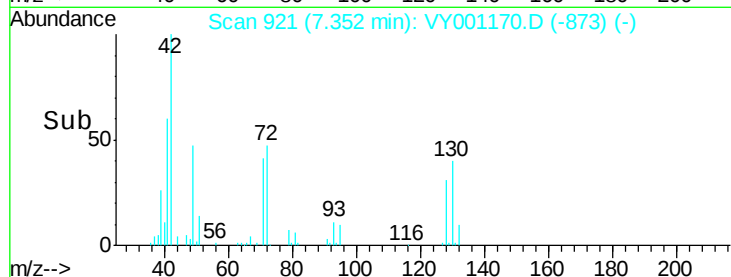
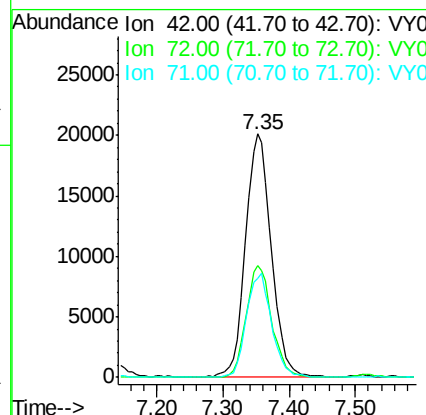
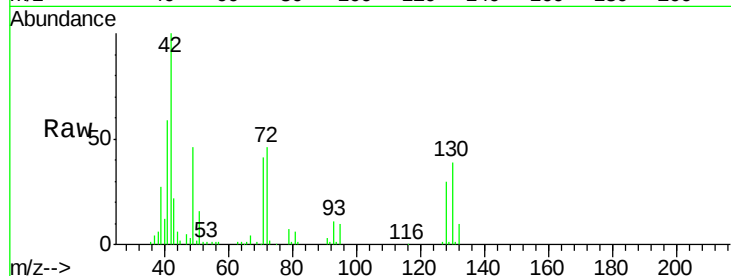
#29
Tetrahydrofuran
Concen: 105.533 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	36.9	55.3
71	41.7	34.0	51.0

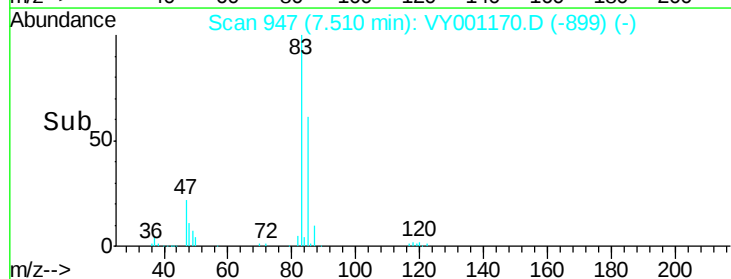
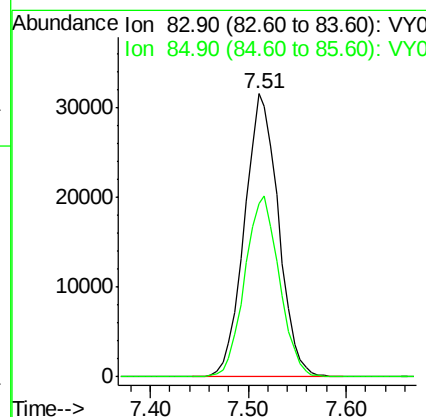
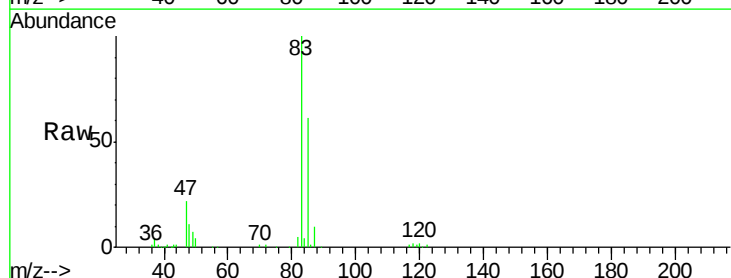
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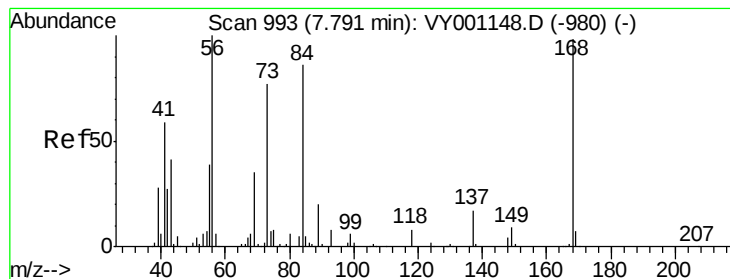
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#30
Chloroform
Concen: 20.315 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.9	77.9





#31

Cyclohexane

Concen: 20.384 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0113SBS01

Tot Ion: 56 Resp: 82208

Ion Ratio Lower Upper

56 100

69 39.8 27.8 41.8

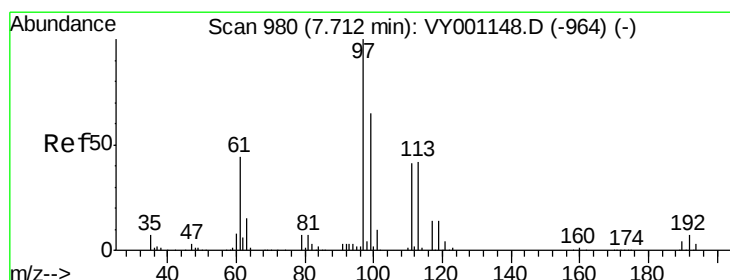
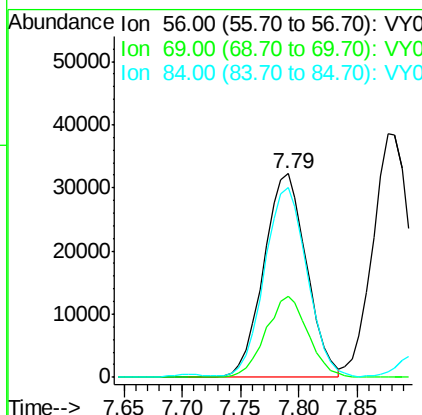
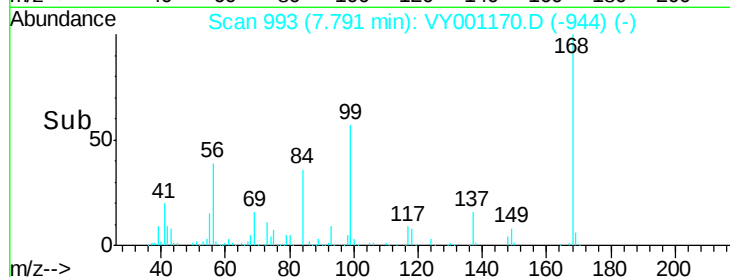
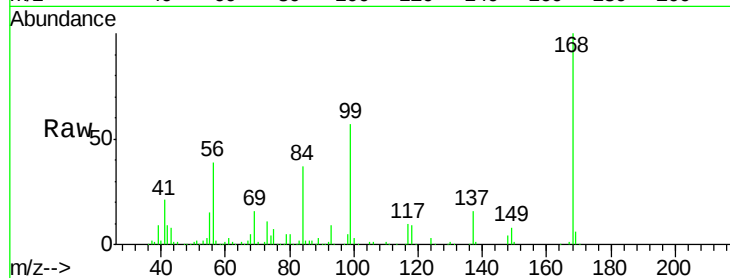
84 92.1 68.9 103.3

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 20.385 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

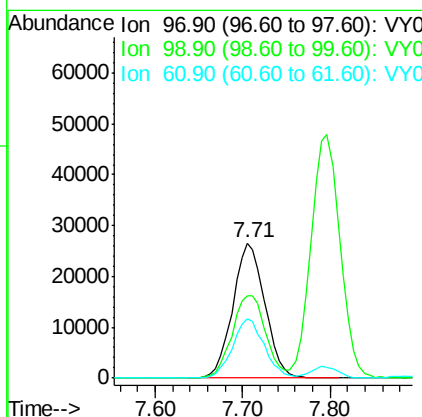
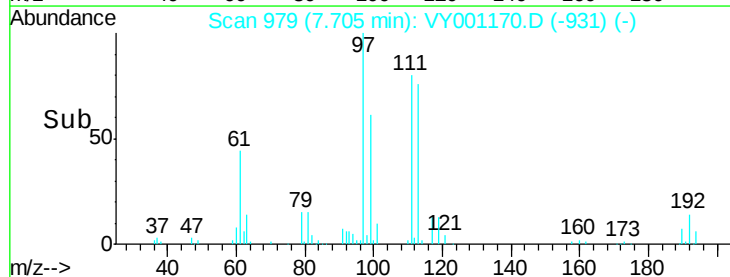
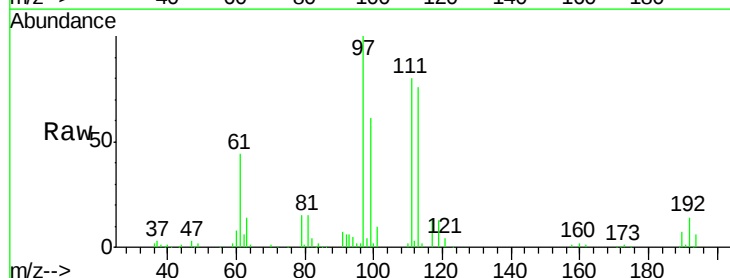
Tgt Ion: 97 Resp: 67504

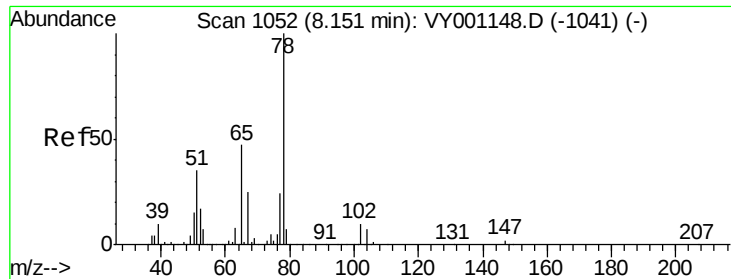
Ion Ratio Lower Upper

97 100

99 64.6 51.3 76.9

61 43.6 34.6 52.0





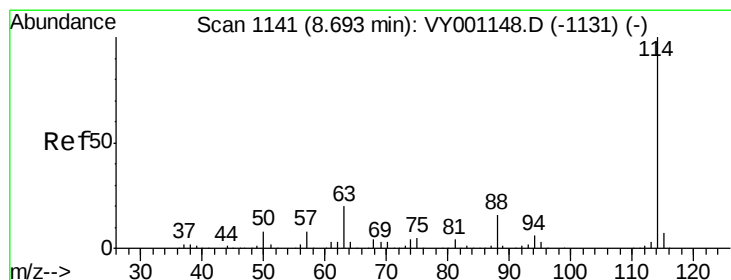
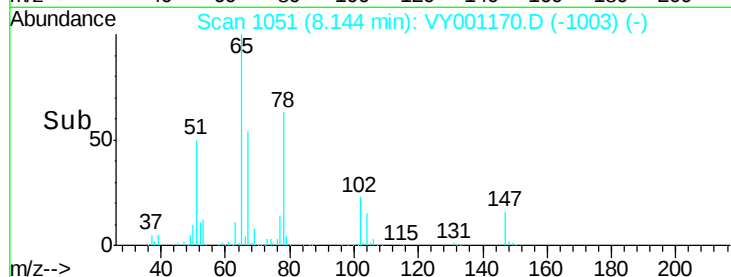
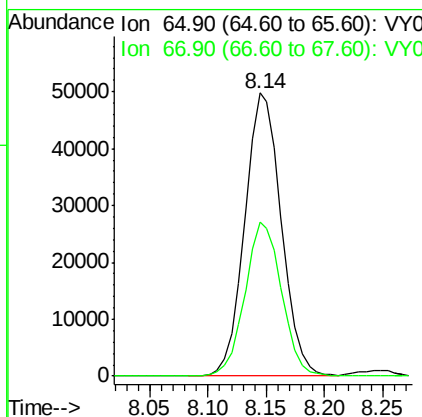
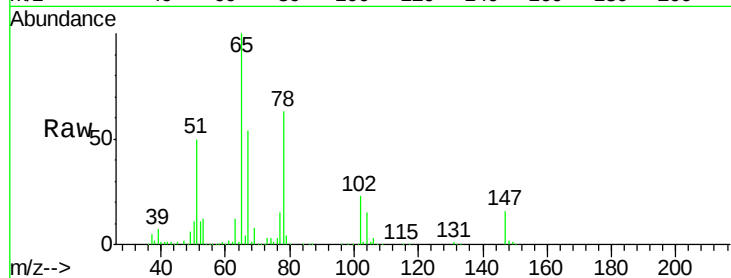
#33
 1,2-Dichloroethane-d4
 Concen: 52.223 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY001170.D
 Acq: 13 Jan 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0113SBS01

Tot Ion: 65 Resp: 108896
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 105.2

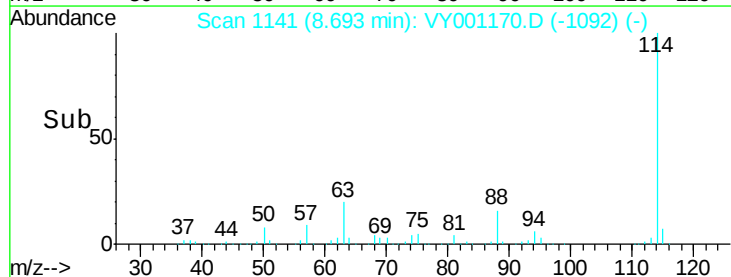
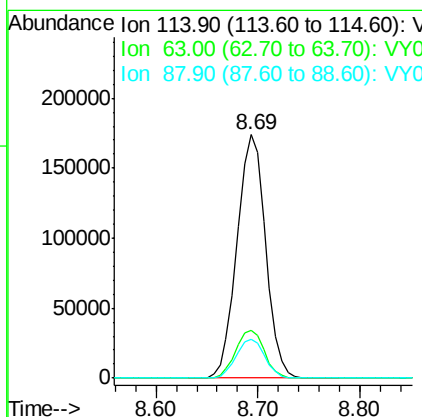
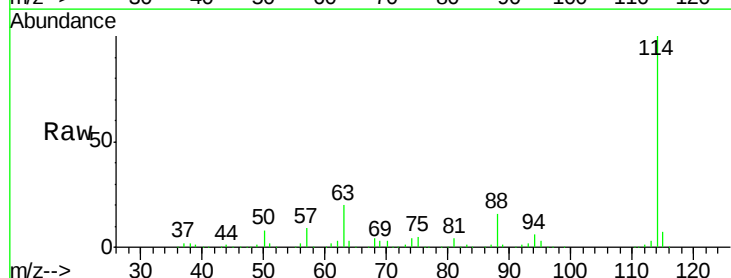
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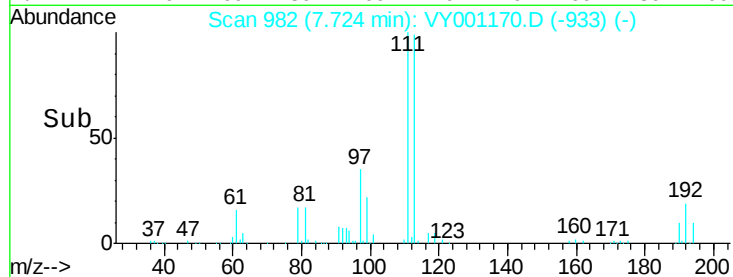
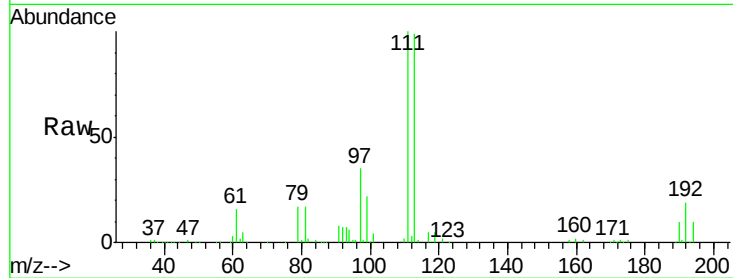
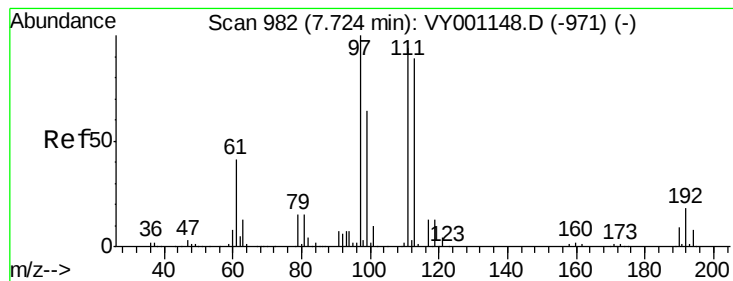
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY001170.D
 Acq: 13 Jan 2020 11:15

Tgt Ion: 114 Resp: 336827
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.8
 88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.502 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Tot Ion:	113	Resp:	103540
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.9	124.3
192	19.8	15.4	23.2

Instrument :

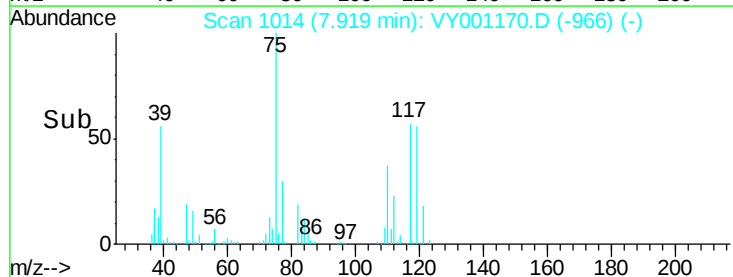
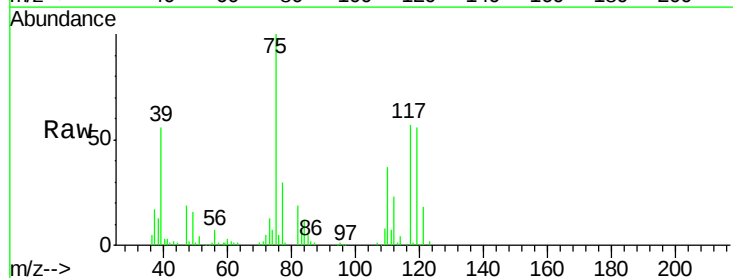
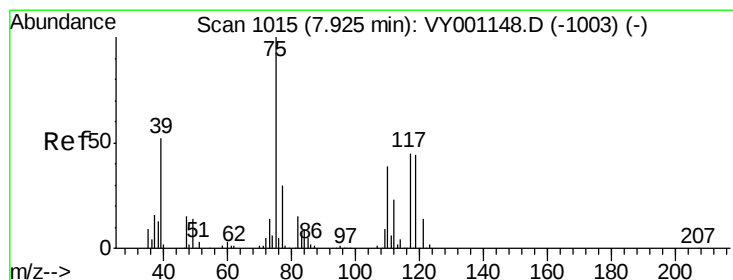
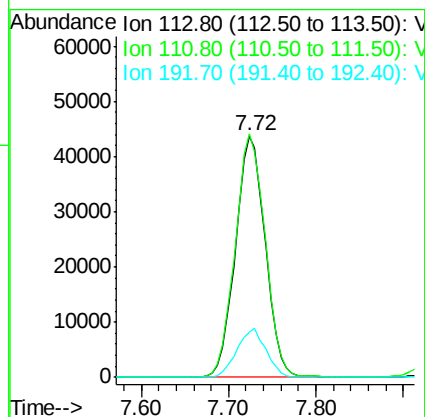
MSVOA_Y

ClientSampleId :

VY0113SBS01

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#36

1,1-Dichloropropene

Concen: 20.623 ug/l

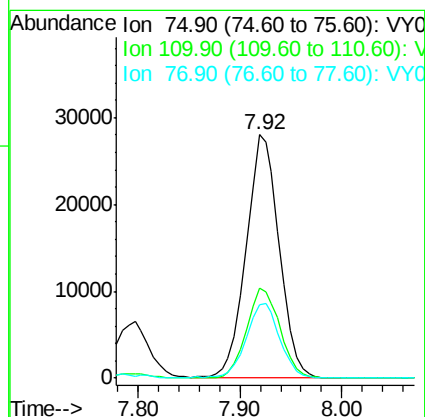
RT: 7.92 min Scan# 1014

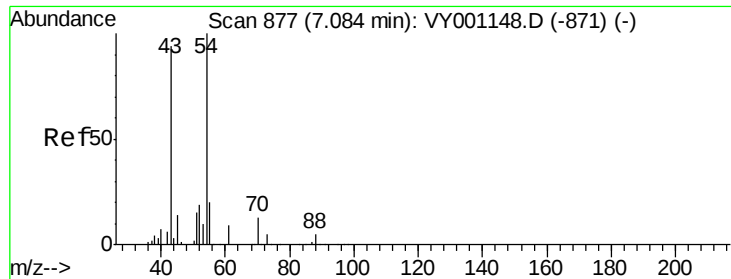
Delta R.T. -0.01 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Tgt Ion:	75	Resp:	63313
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.3	54.8
77	31.2	25.1	37.7





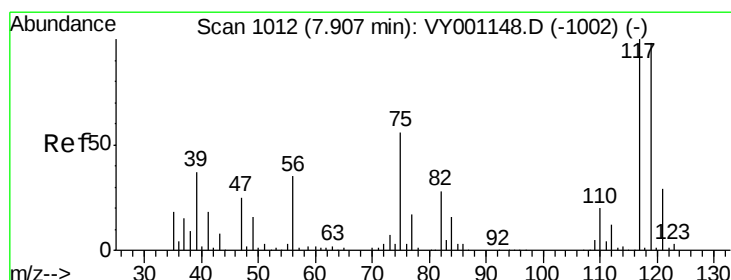
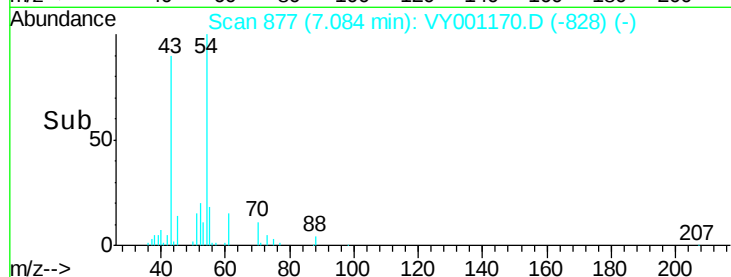
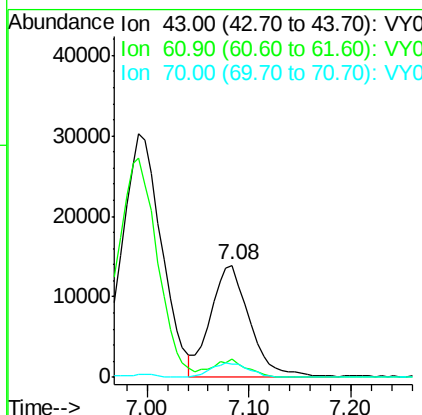
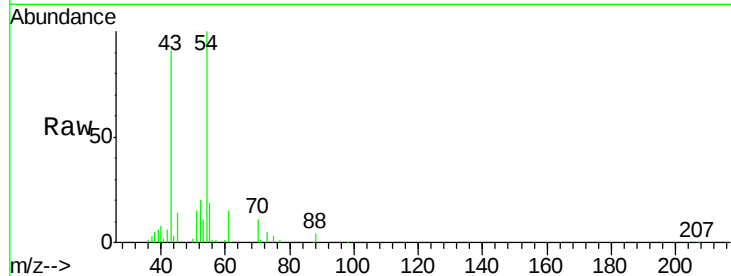
#37
Ethyl Acetate
Concen: 20.383 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.1	16.7
70	12.8	9.7	14.5

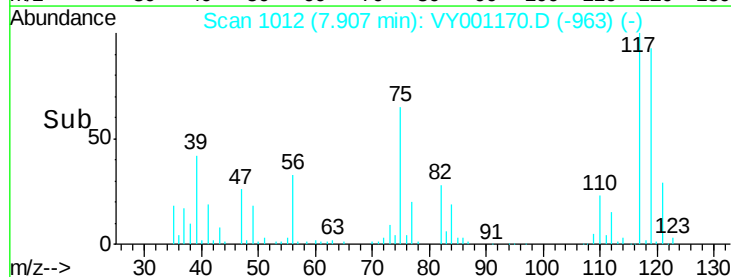
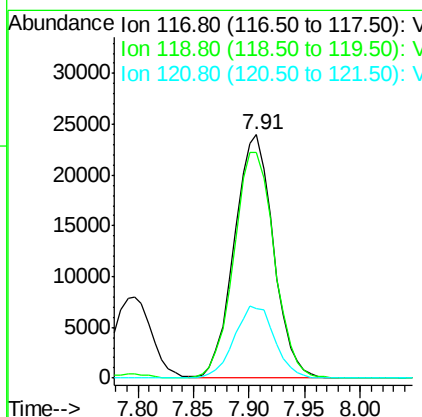
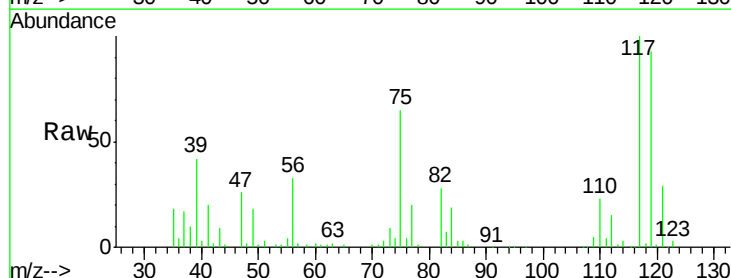
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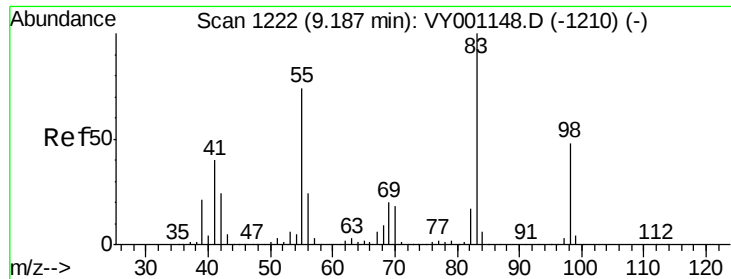
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#38
Carbon Tetrachloride
Concen: 20.783 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	78.3	117.5
121	28.6	23.5	35.3





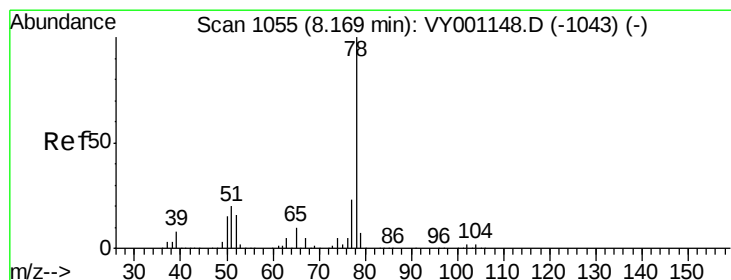
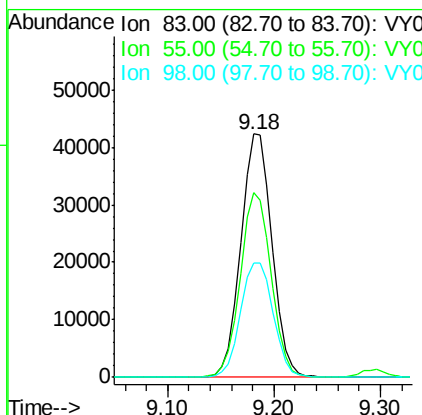
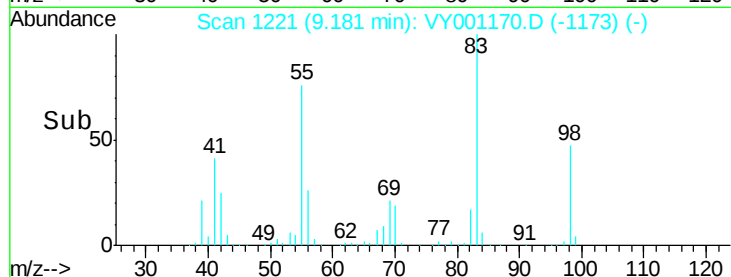
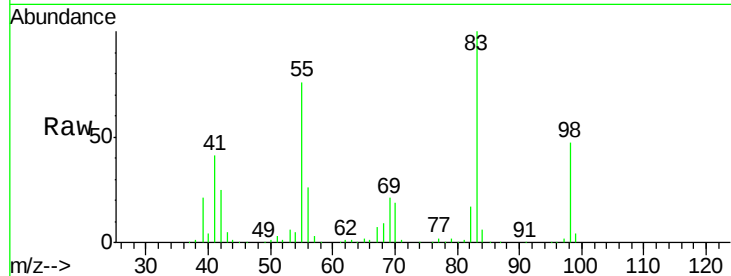
#39
Methvlcvclohexane
Concen: 20.922 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	58.9	88.3
98	46.9	38.4	57.6

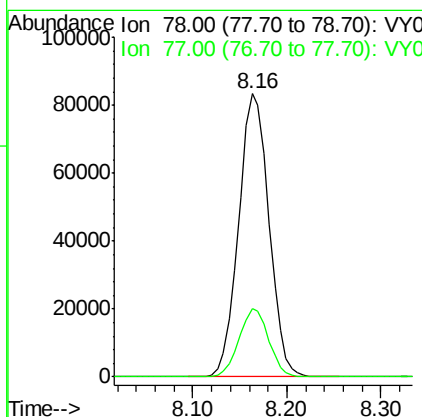
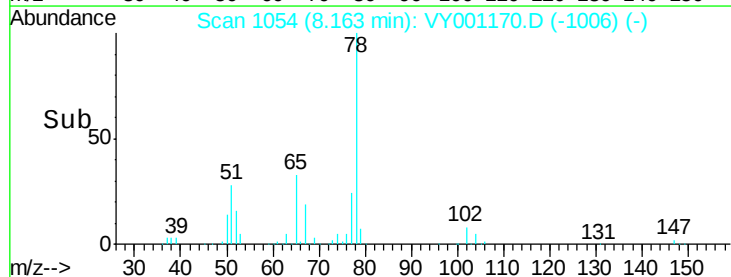
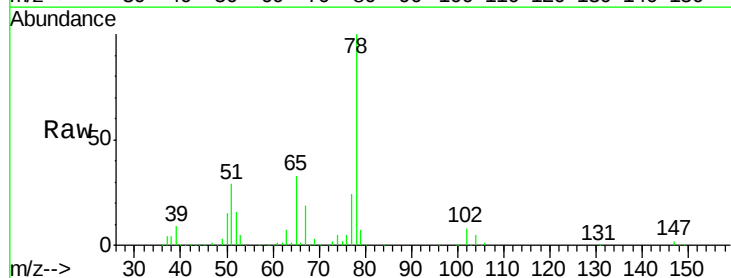
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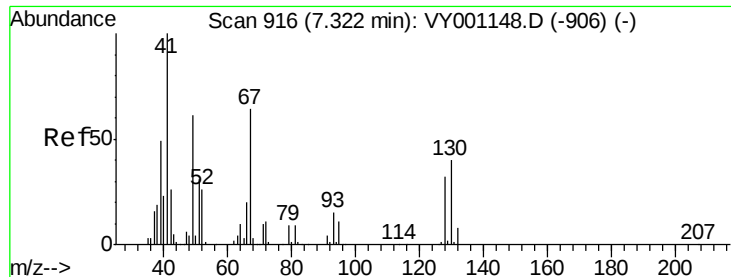
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#40
Benzene
Concen: 20.810 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





#41

Methacrylonitrile

Concen: 23.359 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.01 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0113SBS01

Tot Ion: 41 Resp: 19769

Ion Ratio Lower Upper

41 100

39 0.0 103.5 155.3#

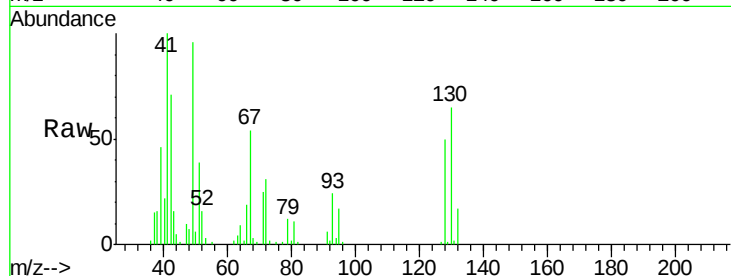
67 0.0 0.0 0.0

52 0.0 0.0 0.0

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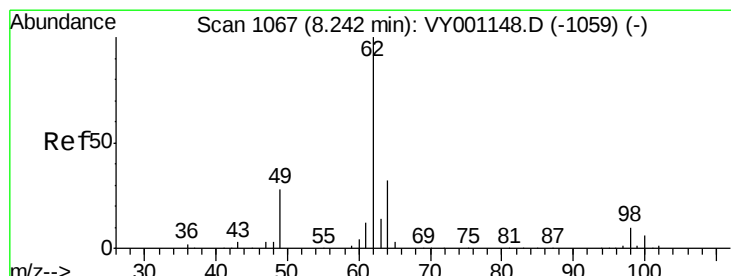
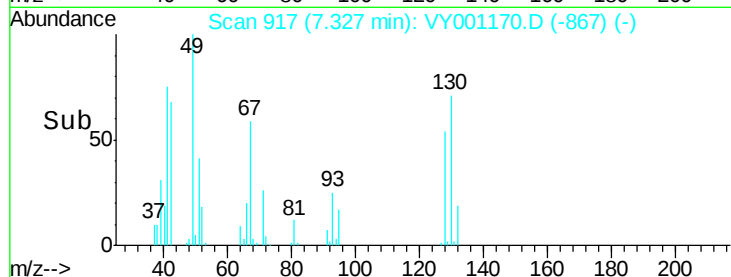
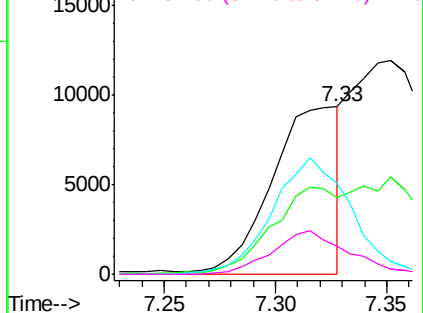


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 20.150 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY001170.D

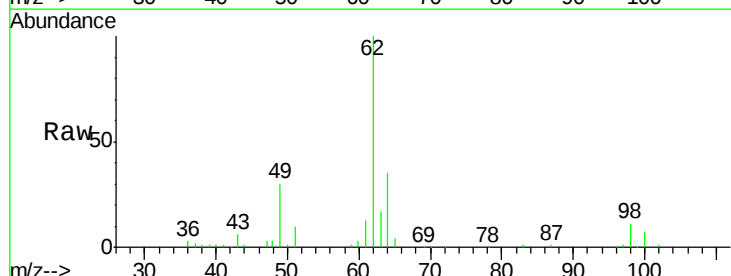
Acq: 13 Jan 2020 11:15

Tgt Ion: 62 Resp: 50563

Ion Ratio Lower Upper

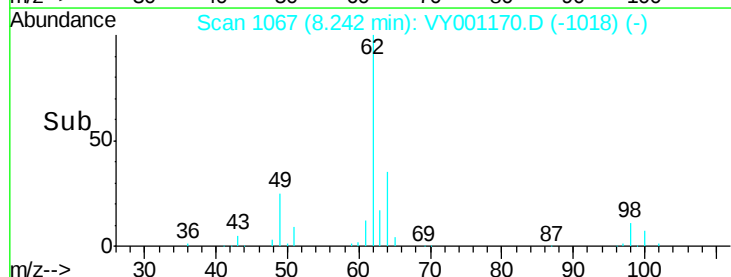
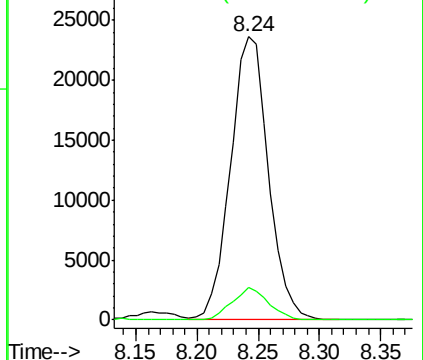
62 100

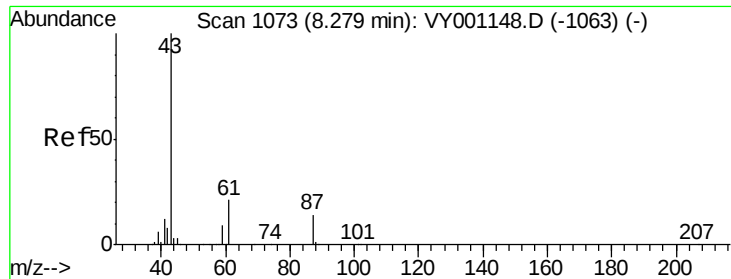
98 11.1 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





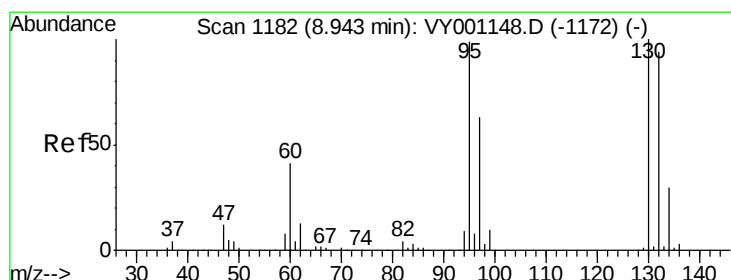
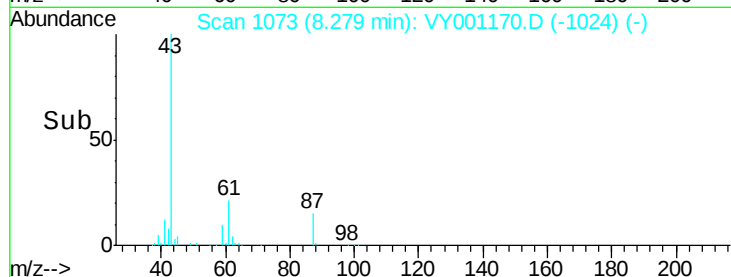
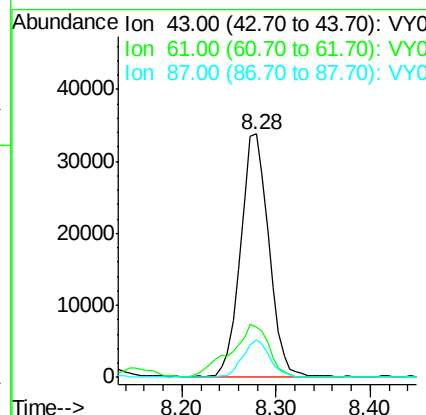
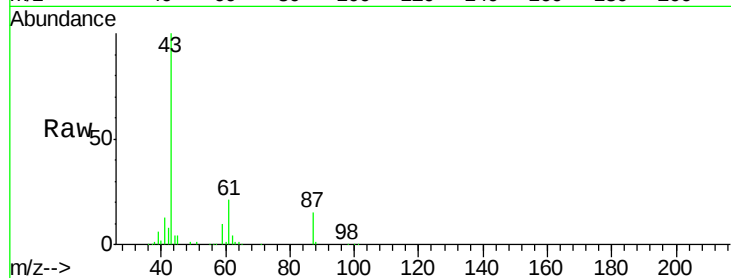
#43
Isopropyl Acetate
Concen: 20.516 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion	43	Resp	70681
Ion Ratio	100	Lower	Upper
43	100		
61	29.8	23.9	35.9
87	14.6	11.4	17.2

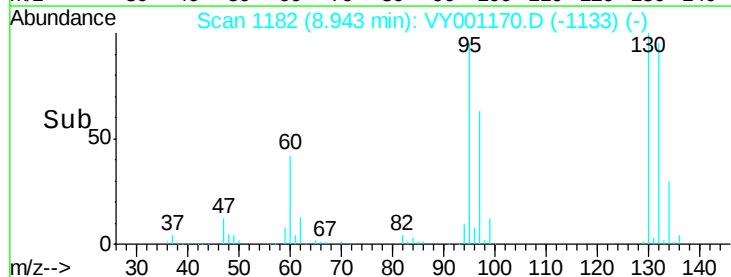
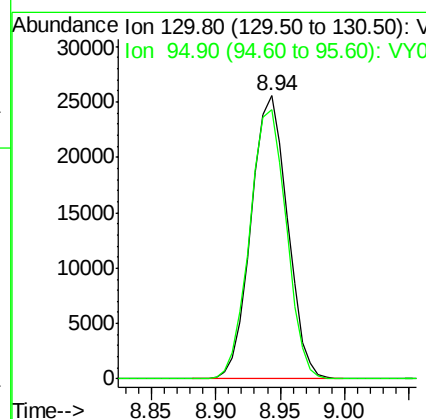
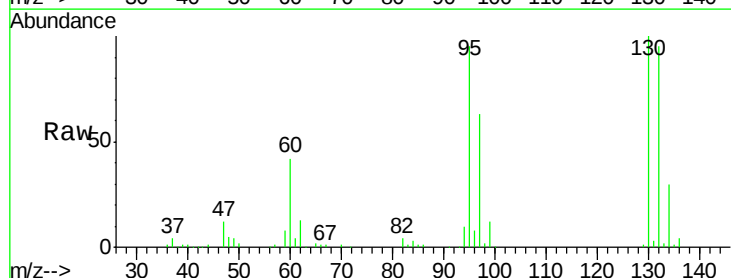
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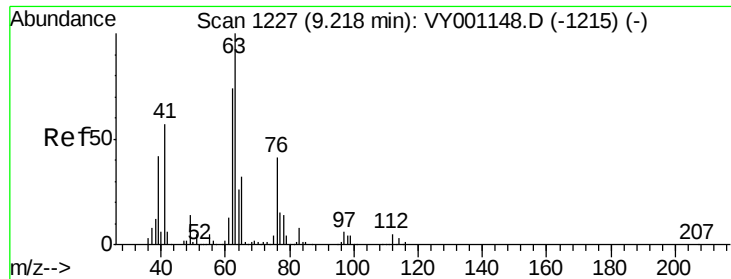
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#44
Trichloroethene
Concen: 21.362 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion	130	Resp	49882
Ion Ratio	100	Lower	Upper
130	100		
95	95.3	0.0	197.6





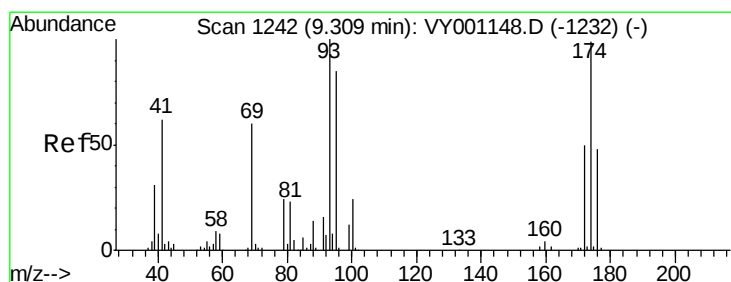
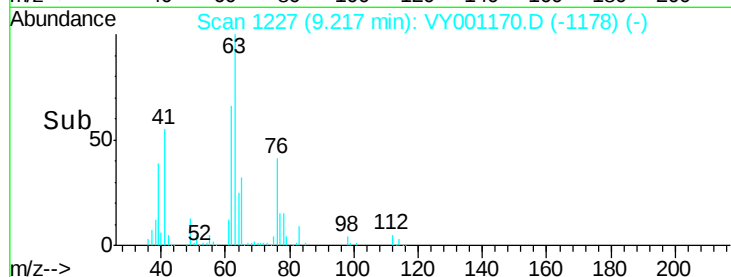
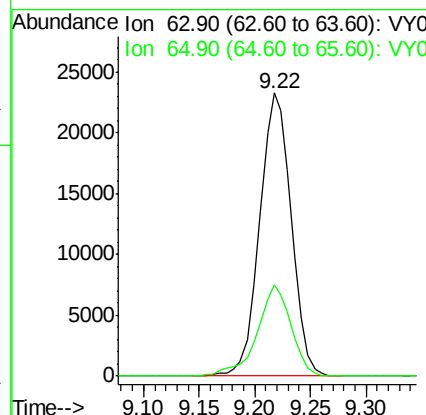
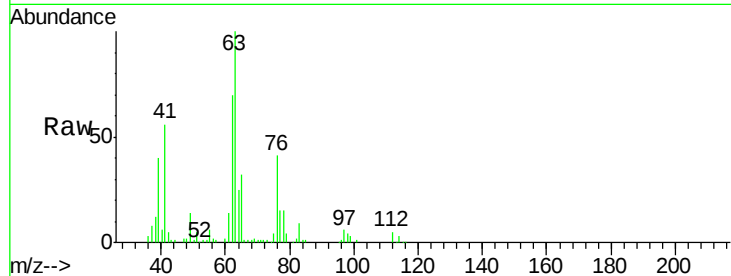
#45
 1,2-Dichloropropane
 Concen: 20.765 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY001170.D
 Acq: 13 Jan 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0113SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.8	38.8

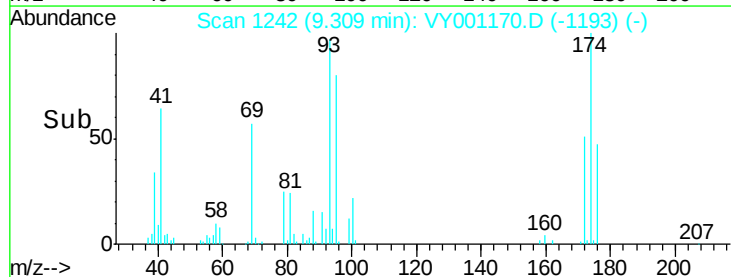
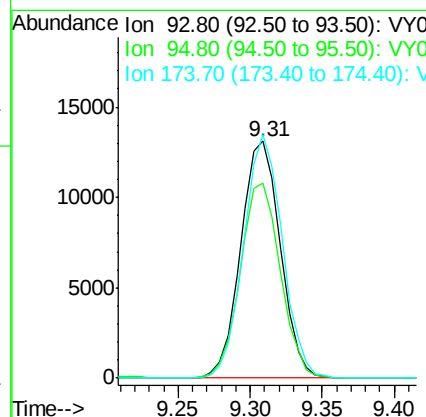
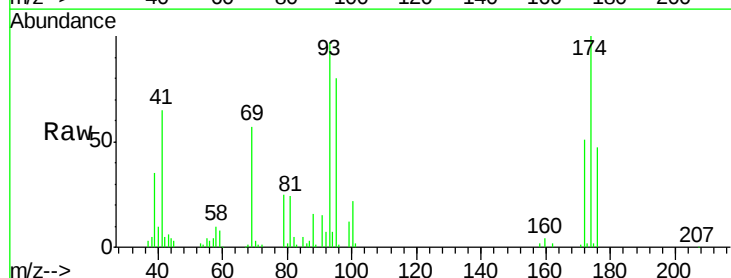
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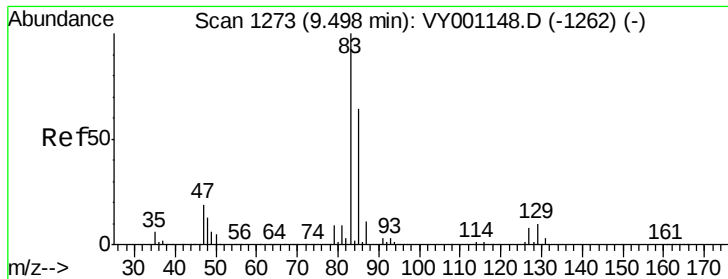
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#46
 Dibromomethane
 Concen: 20.703 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY001170.D
 Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	66.8	100.2
174	100.2	78.4	117.6





#47

Bromodichloromethane

Concen: 20.760 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

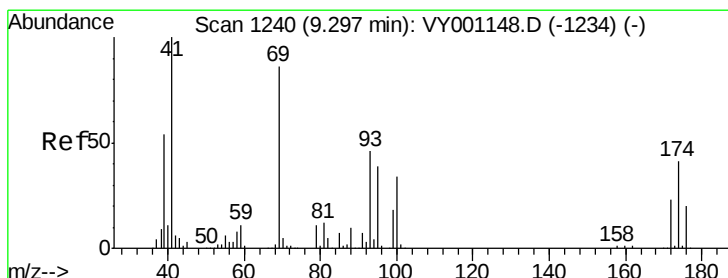
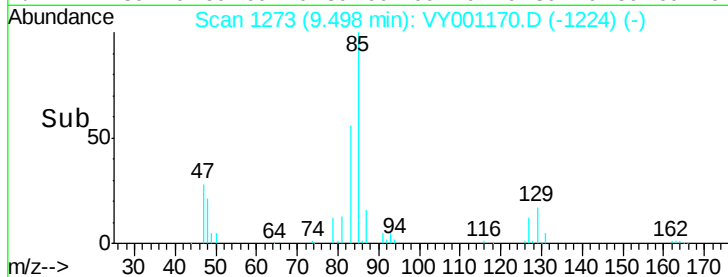
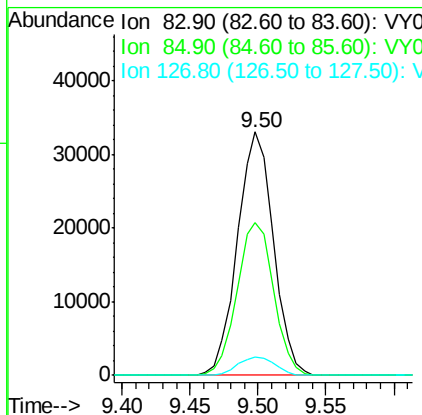
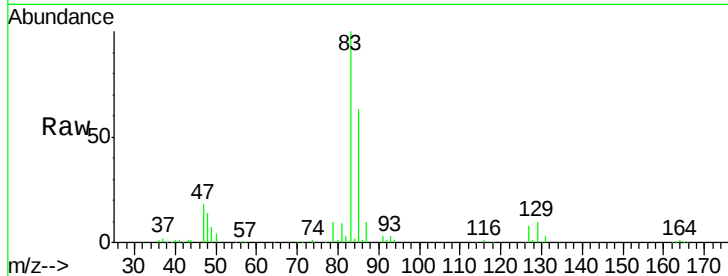
ClientSampleId :

VY0113SBS01

Tot Ion:	83	Resp:	61158
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.5	77.3
127	7.7	6.3	9.5

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#48

Methyl methacrylate

Concen: 21.316 ug/l

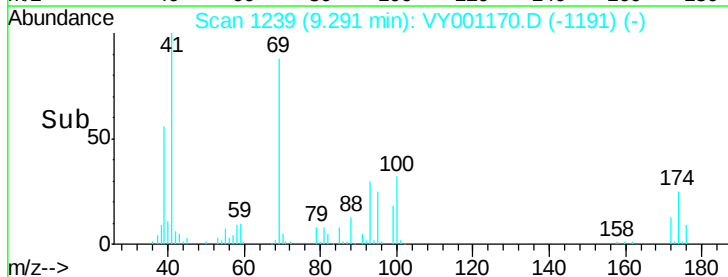
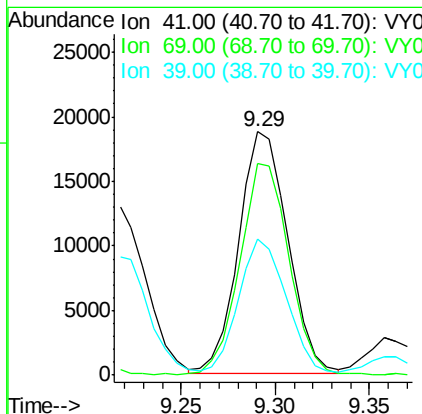
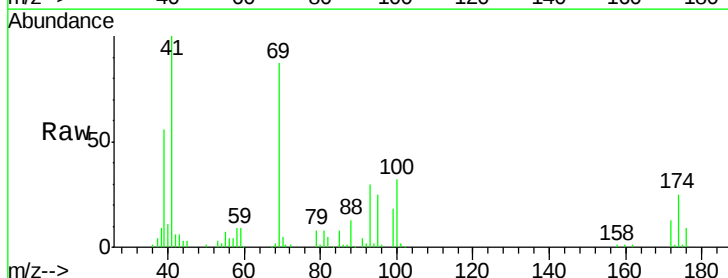
RT: 9.29 min Scan# 1239

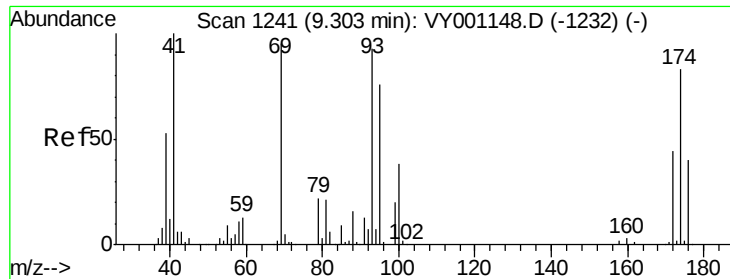
Delta R.T. -0.01 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Tgt Ion:	41	Resp:	33984
Ion	Ratio	Lower	Upper
41	100		
69	87.7	69.8	104.8
39	54.6	45.2	67.8





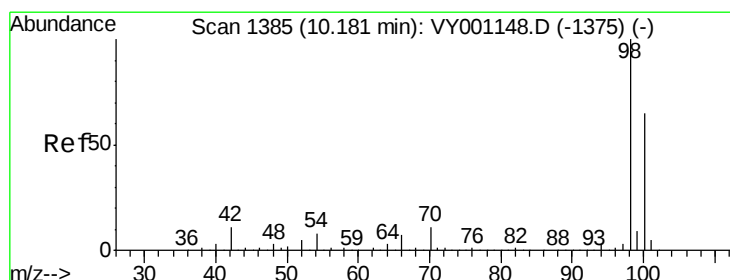
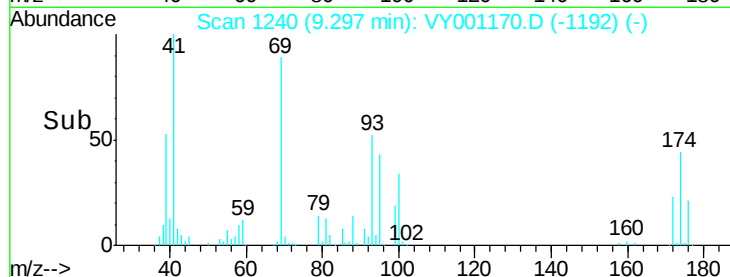
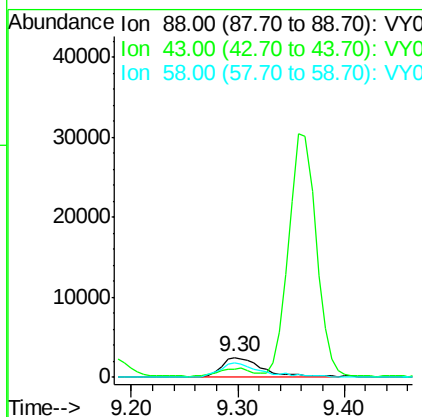
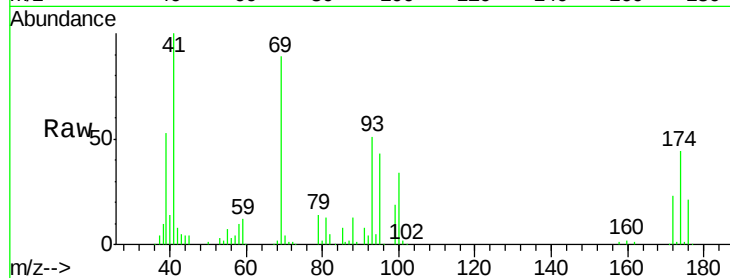
#49
1,4-Dioxane
Concen: 464.510 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.8	22.4	33.6
58	62.4	58.0	87.0

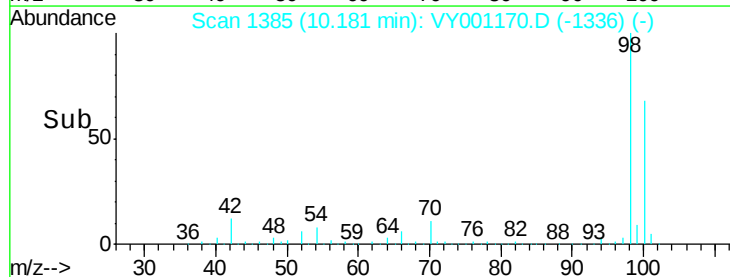
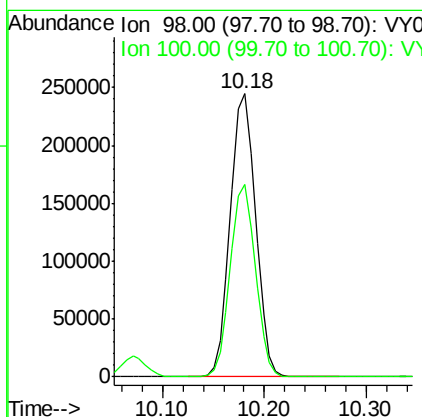
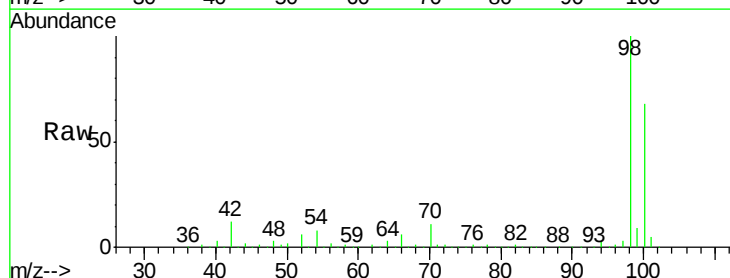
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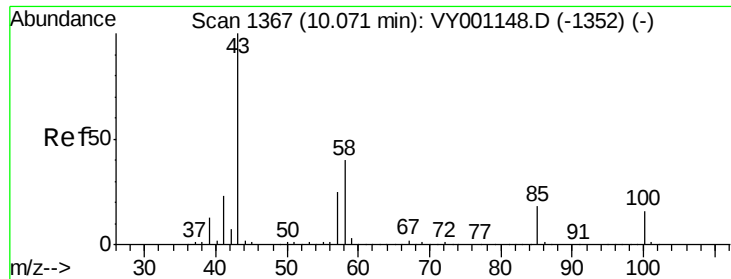
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#50
Toluene-d8
Concen: 55.423 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 103.216 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0113SBS01

Tot Ion: 43 Resp: 180434

Ion Ratio Lower Upper

43 100

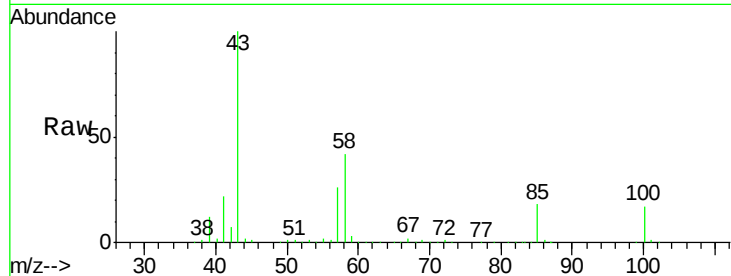
58 41.3 32.3 48.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

120000

100000

80000

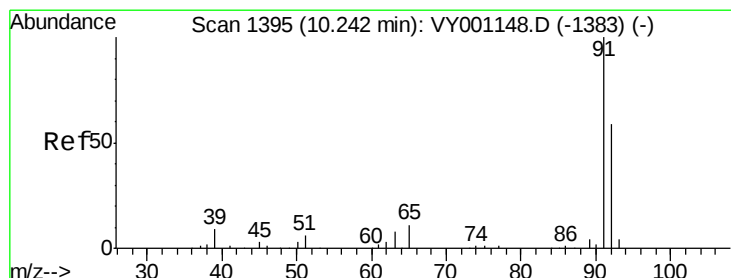
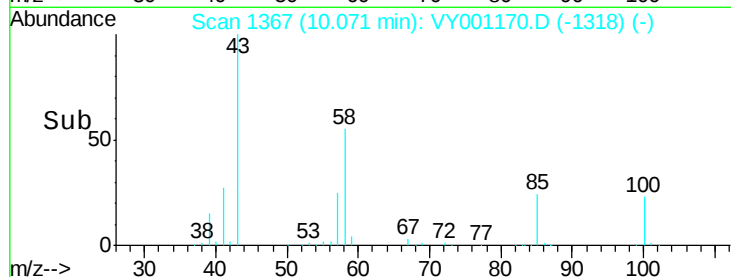
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 21.145 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY001170.D

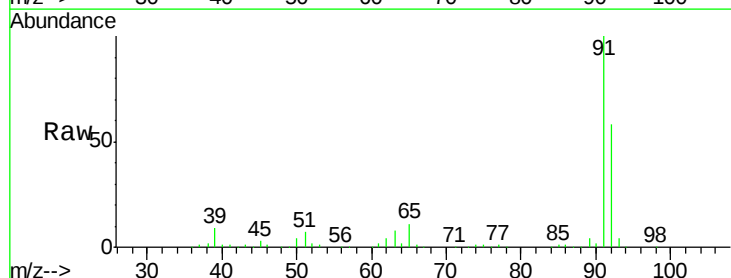
Acq: 13 Jan 2020 11:15

Tgt Ion: 92 Resp: 120855

Ion Ratio Lower Upper

92 100

91 171.5 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

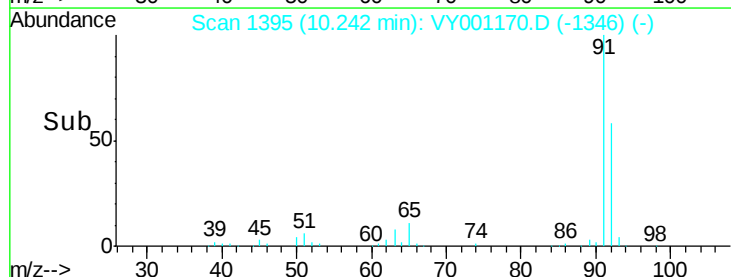
10.24

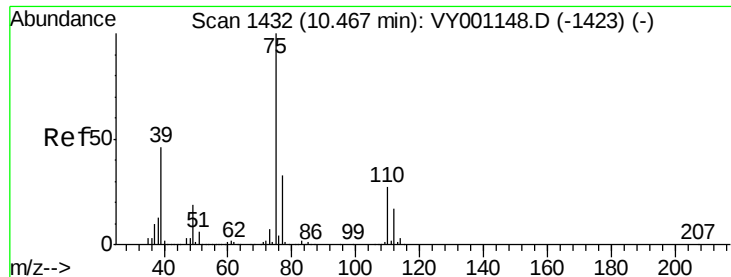
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.491 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0113SBS01

Tot Ion: 75 Resp: 67547

Ion Ratio Lower Upper

75 100

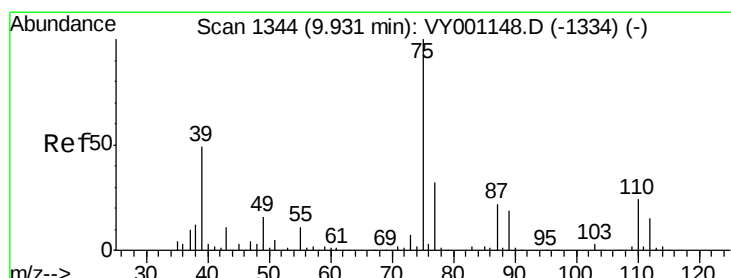
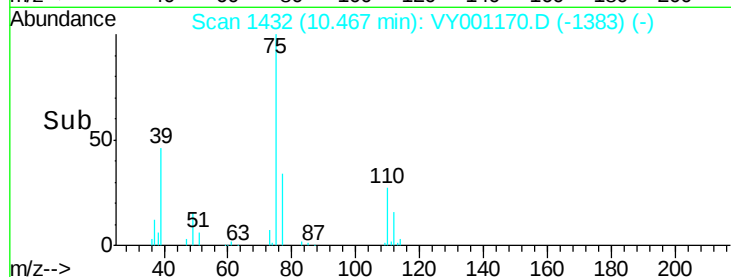
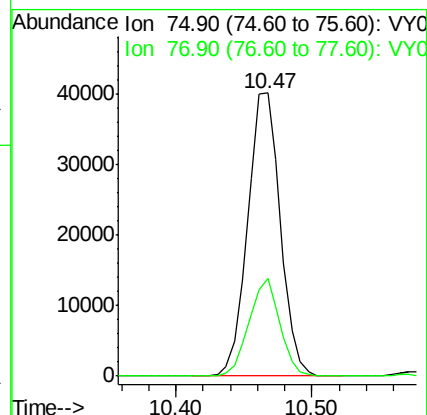
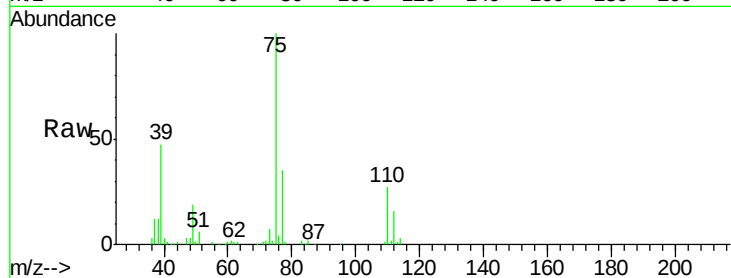
77 34.4 26.2 39.2

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#54

cis-1,3-Dichloropropene

Concen: 20.665 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

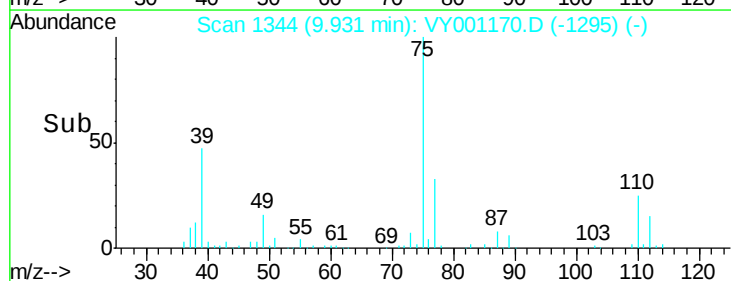
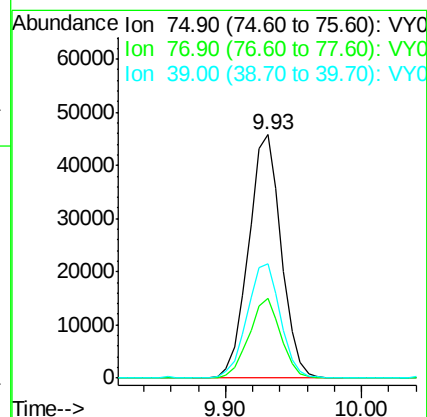
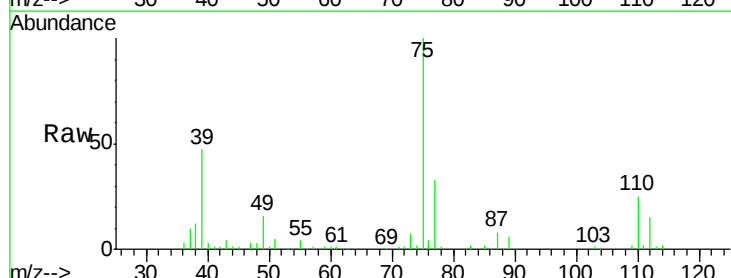
Tgt Ion: 75 Resp: 76806

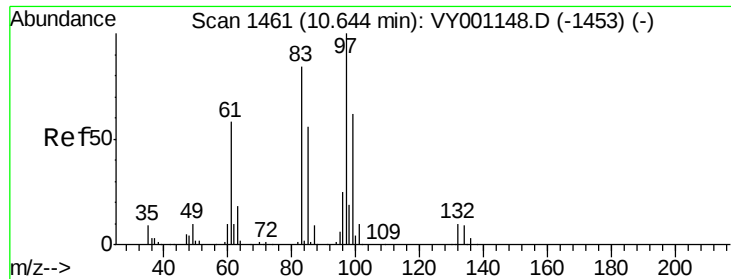
Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

39 46.8 39.1 58.7





#55

1,1,2-Trichloroethane

Concen: 20.939 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

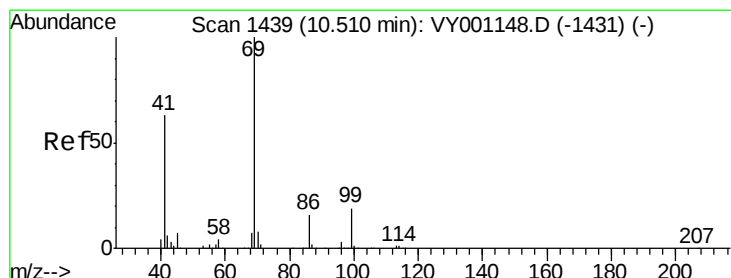
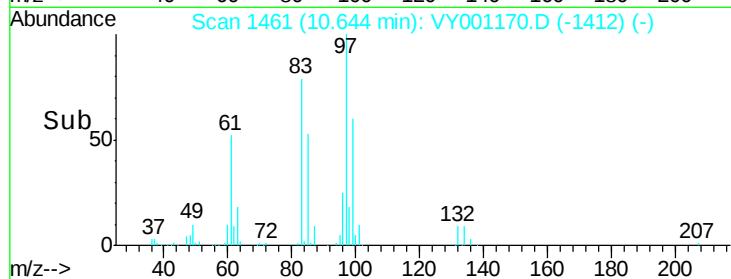
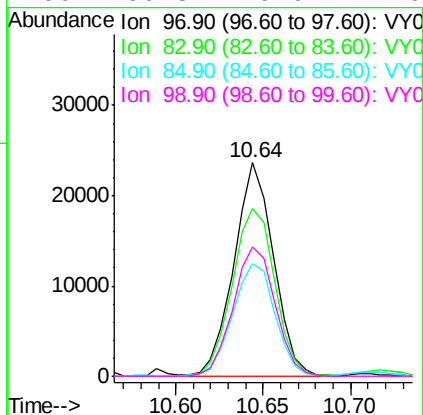
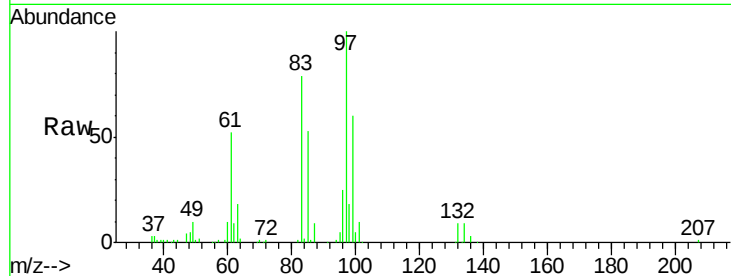
ClientSampleId :

VY0113SBS01

Tot Ion:	97	Resp:	37524
Ion	Ratio	Lower	Upper
97	100		
83	78.1	67.2	100.8
85	52.2	44.9	67.3
99	60.3	49.9	74.9

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#56

Ethyl methacrylate

Concen: 20.413 ug/l

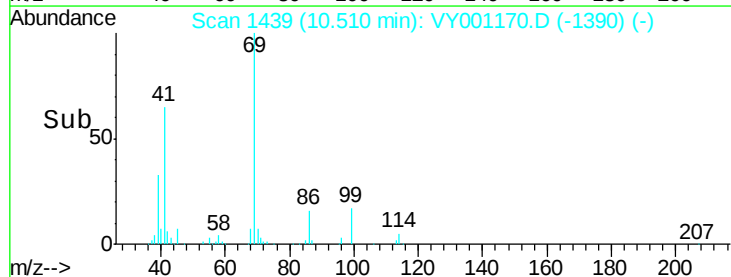
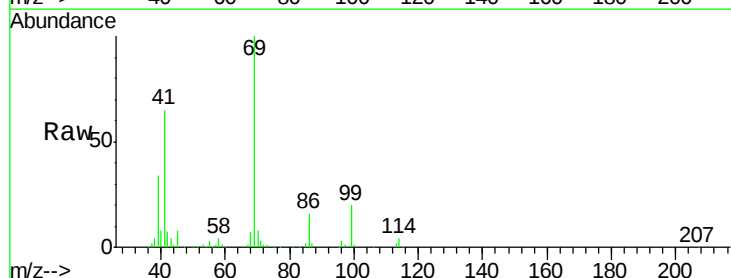
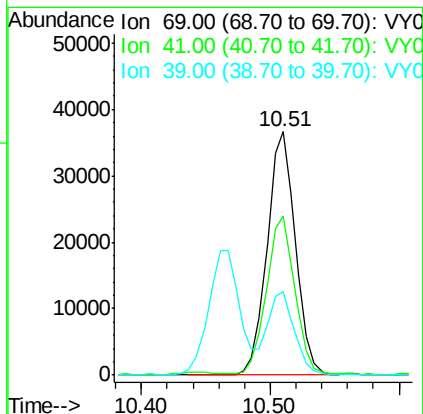
RT: 10.51 min Scan# 1439

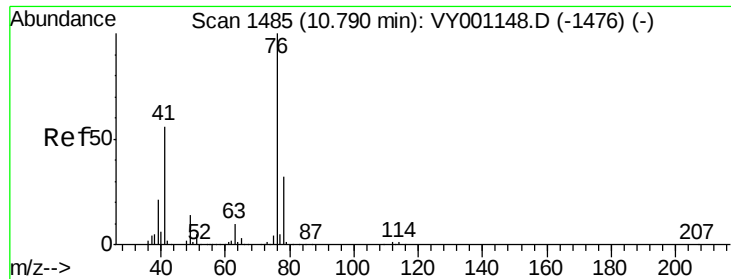
Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Tgt Ion:	69	Resp:	55956
Ion	Ratio	Lower	Upper
69	100		
41	64.3	51.4	77.2
39	31.0	26.3	39.5





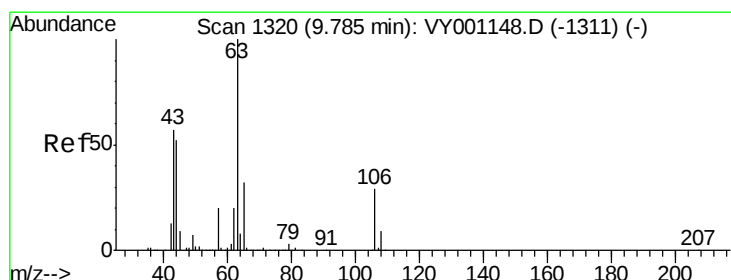
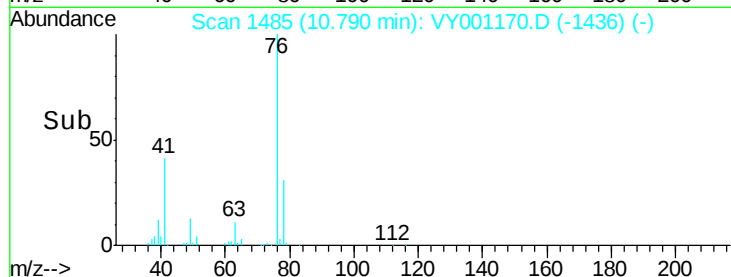
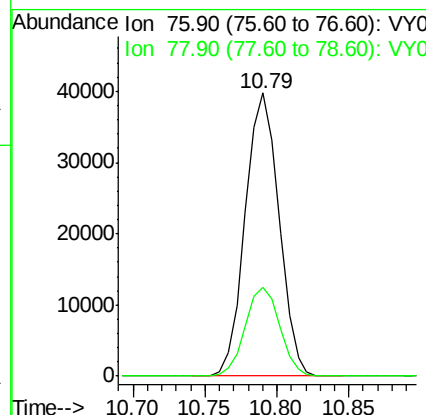
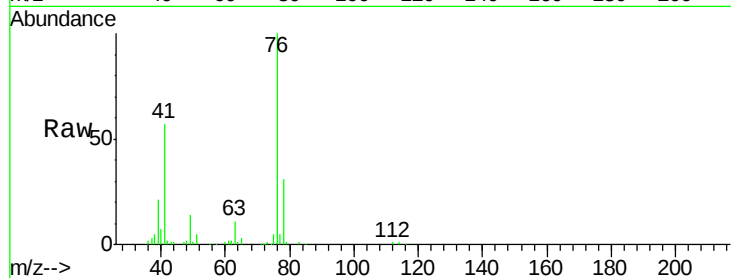
#57
 1,3-Dichloropropane
 Concen: 21.030 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY001170.D
 Acq: 13 Jan 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0113SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.1	39.1

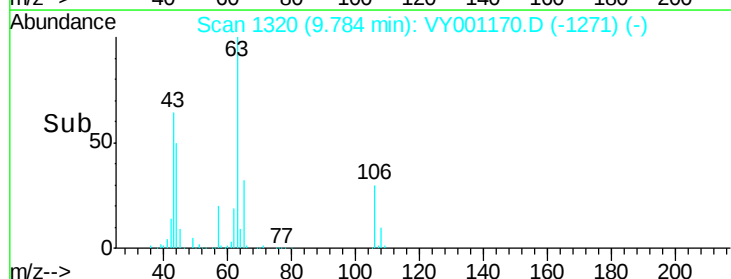
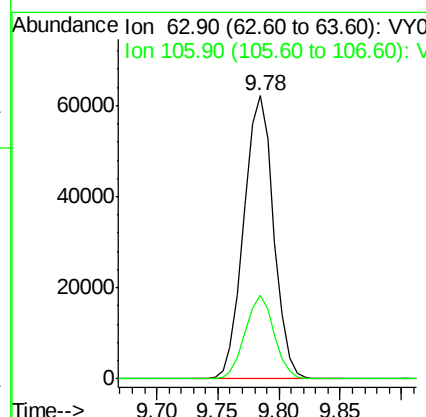
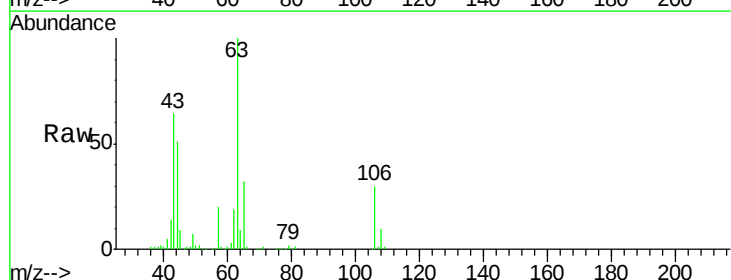
Manual Integrations
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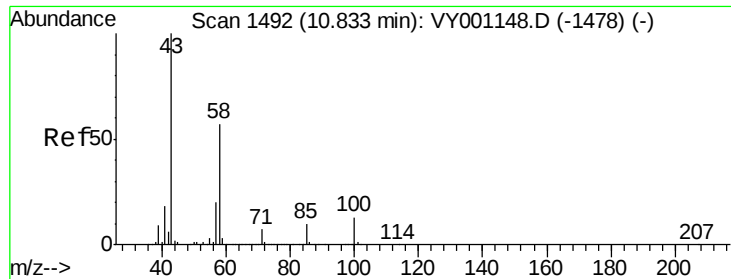
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#58
 2-Chloroethyl Vinyl ether
 Concen: 108.744 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY001170.D
 Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	23.0	34.6





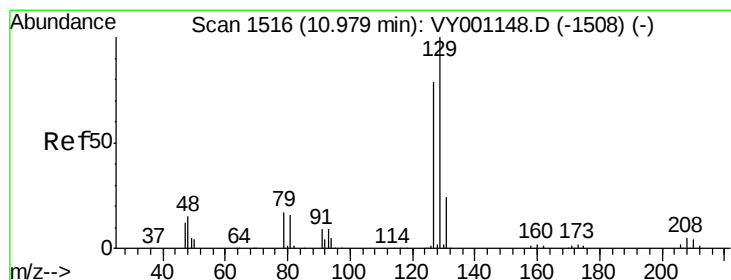
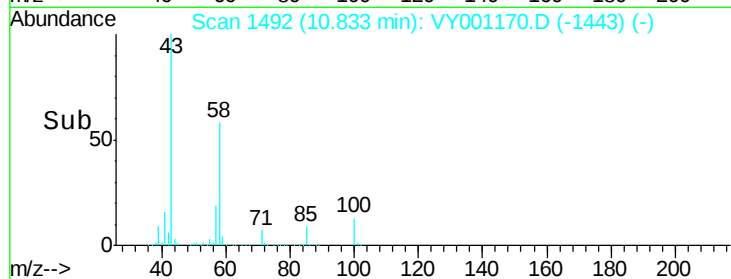
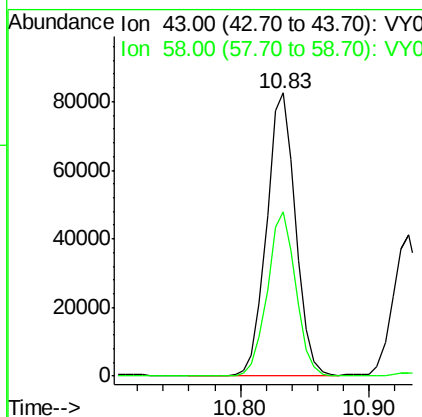
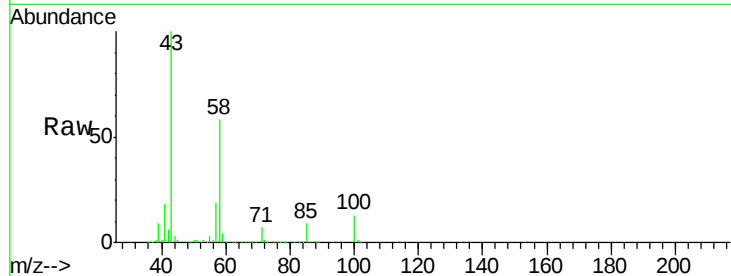
#59
2-Hexanone
Concen: 105.183 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion	43	Resp	128864
Ion Ratio	100	Lower	Upper
43	100		
58	57.0	28.4	85.2

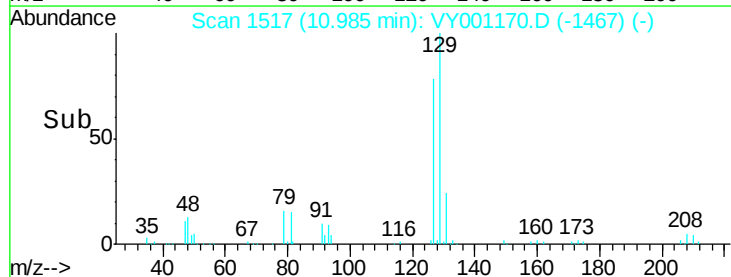
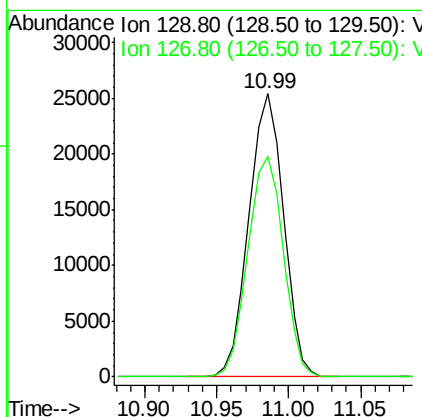
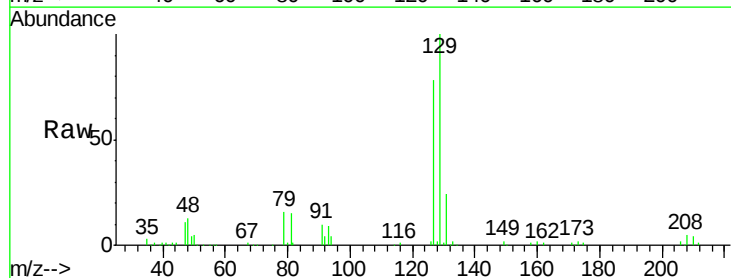
Manual Integrations
APPROVED

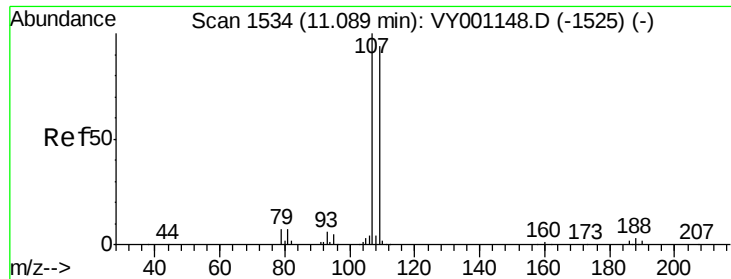
apatel
1/14/2020 12:47:21 PM



#60
Dibromochloromethane
Concen: 20.528 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion	129	Resp	42355
Ion Ratio	100	Lower	Upper
129	100		
127	79.6	38.9	116.7





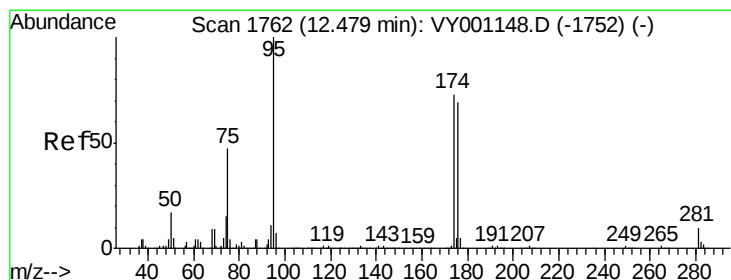
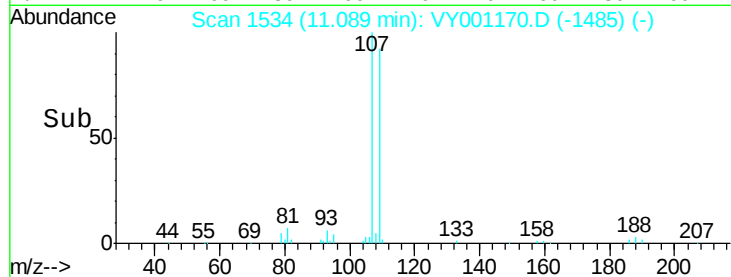
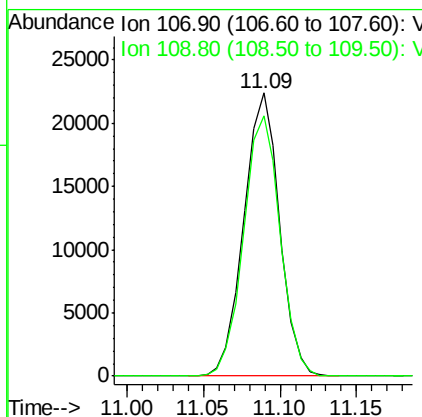
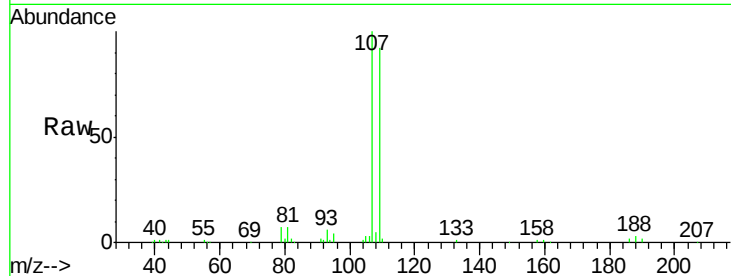
#61
 1,2-Dibromoethane
 Concen: 20.786 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY001170.D
 Acq: 13 Jan 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0113SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.4	113.0

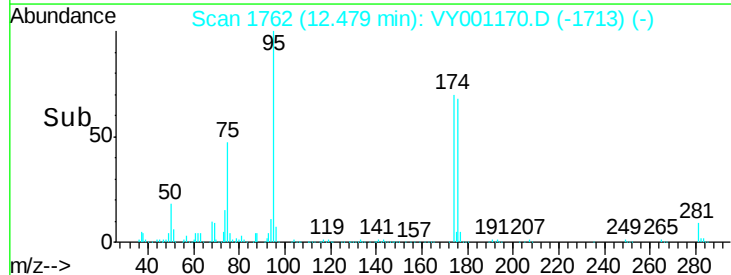
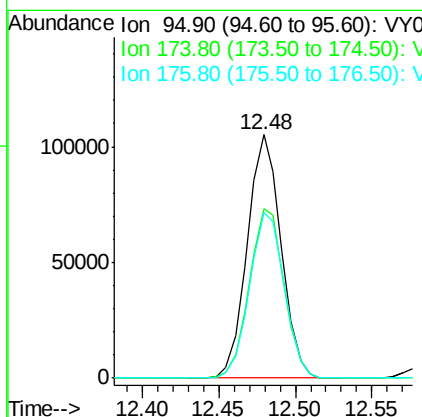
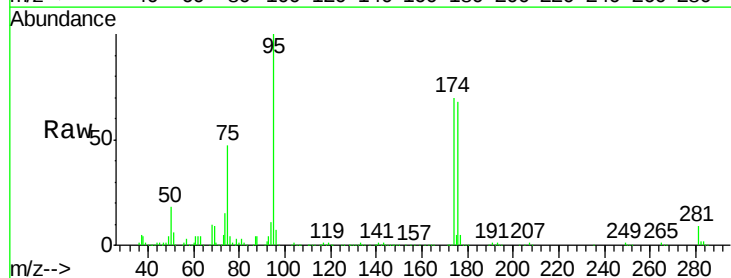
Manual Integrations
 APPROVED

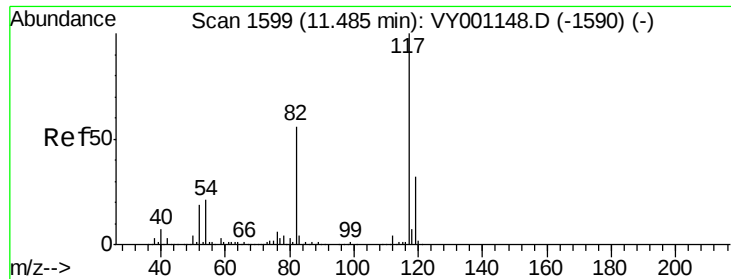
apatel
 1/14/2020 12:47:21 PM



#62
 4-Bromofluorobenzene
 Concen: 51.891 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY001170.D
 Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	143.2
176	70.3	0.0	136.0





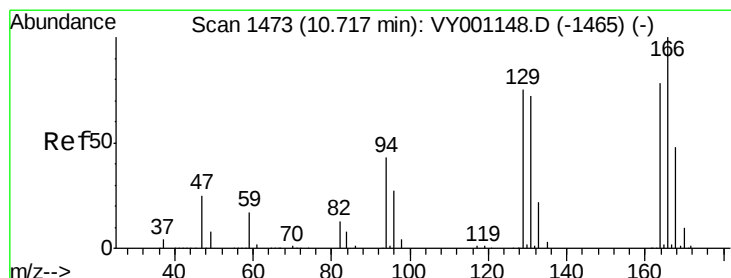
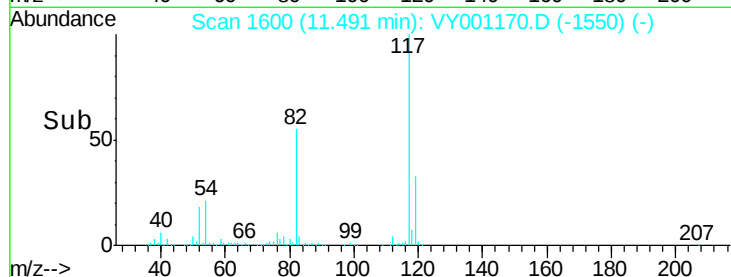
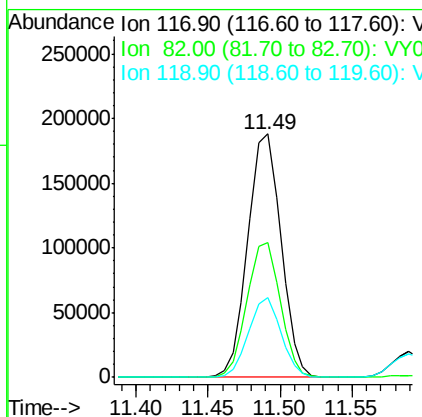
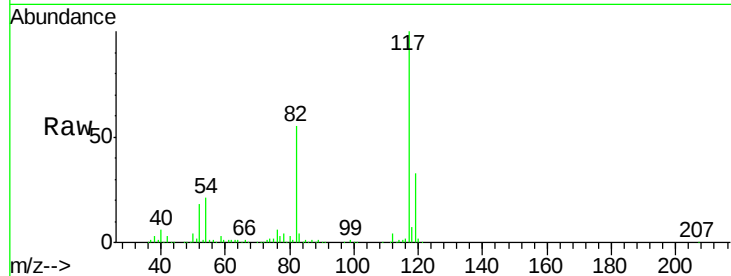
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	301114		
82	55.2	44.9	67.3	
119	32.6	25.7	38.5	

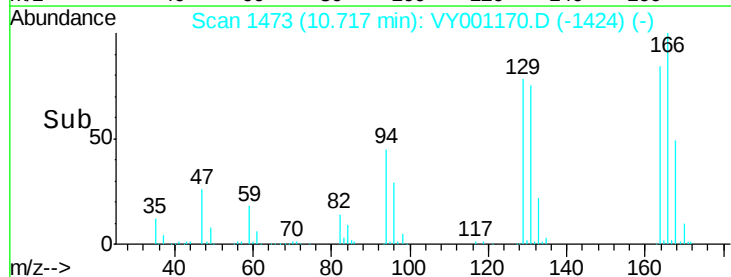
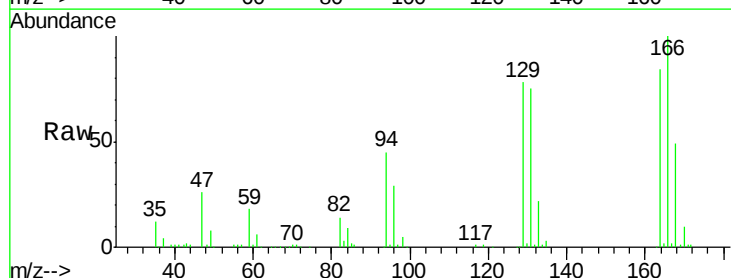
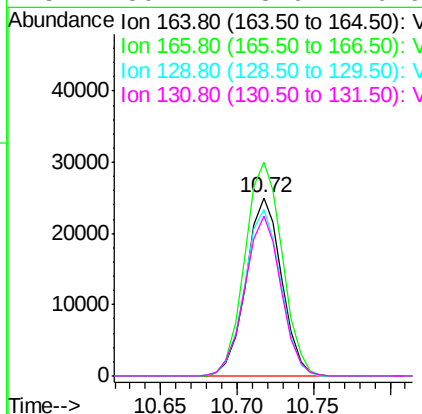
Manual Integrations
APPROVED

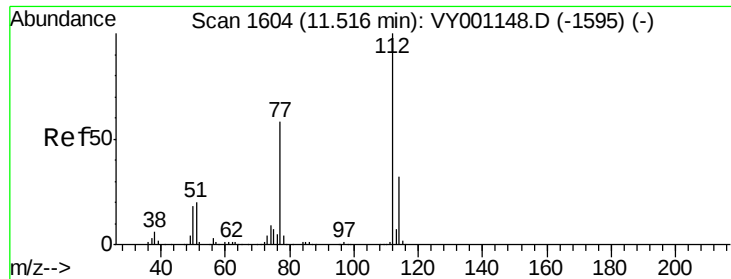
apatel
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#64
Tetrachloroethene
Concen: 20.833 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	40438		
166	119.7	102.3	153.5	
129	93.5	76.2	114.4	
131	89.7	73.9	110.9	





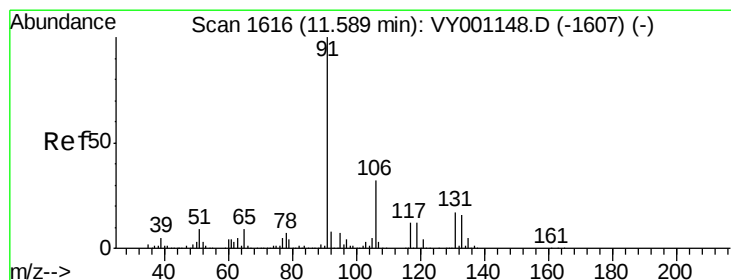
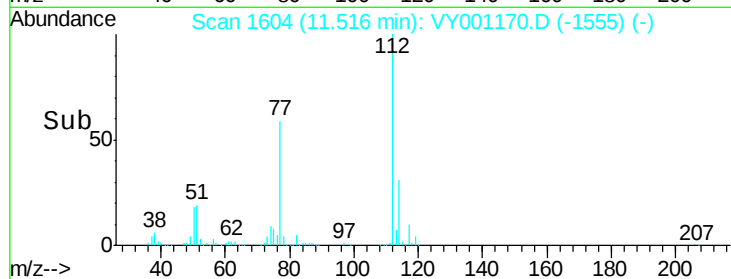
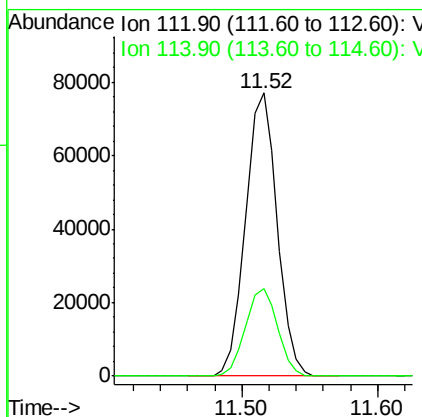
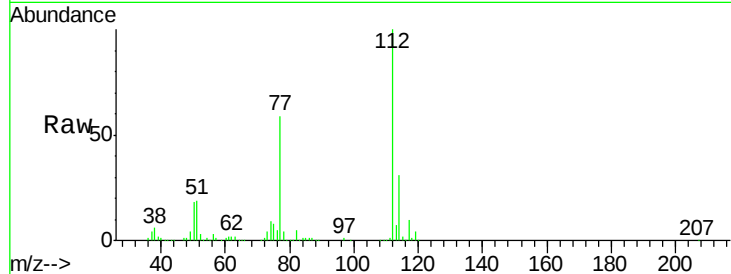
#65
Chlorobenzene
Concen: 20.819 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.9	38.9

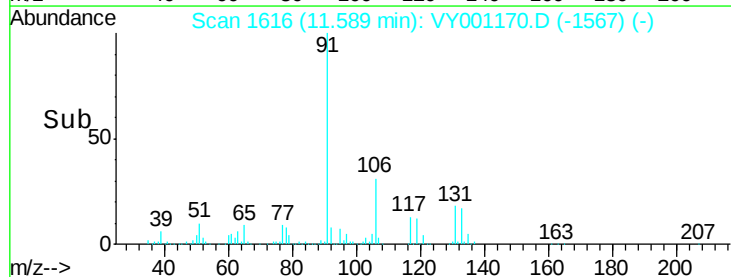
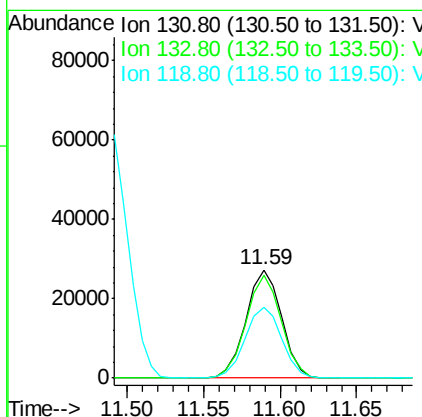
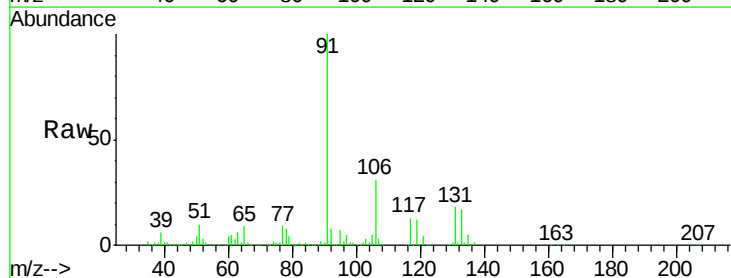
Manual Integrations
APPROVED

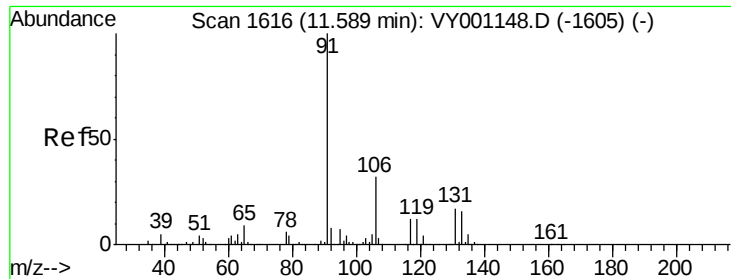
apatel
1/14/2020 12:47:21 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.228 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	142.0
119	67.4	33.6	100.8





#67

Ethyl Benzene

Concen: 21.053 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0113SBS01

Tot Ion: 91 Resp: 231717

Ion Ratio Lower Upper

91 100

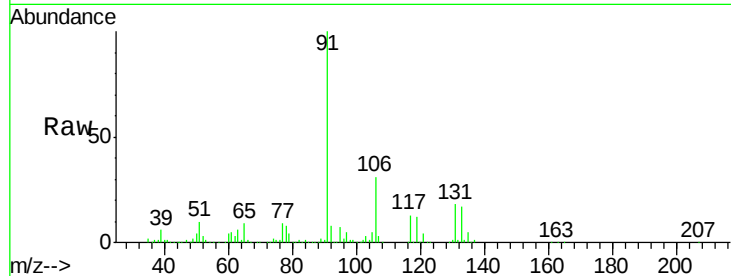
106 30.9 25.3 37.9

Manual Integrations

APPROVED

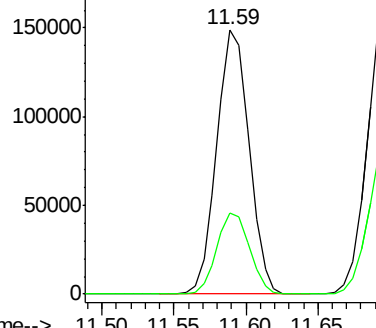
apatel

1/14/2020 12:47:21 PM

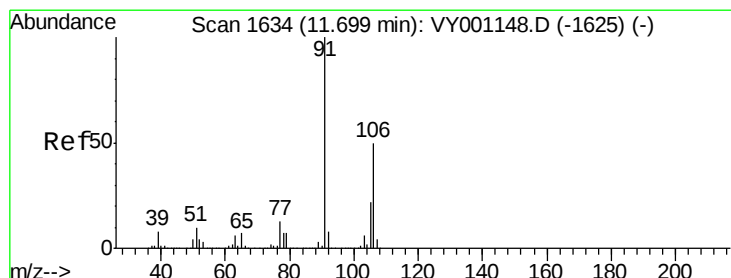
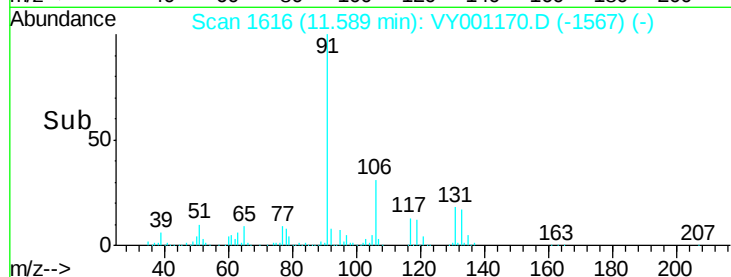


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



Time--> 11.50 11.55 11.60 11.65



#68

m/p-Xylenes

Concen: 42.702 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY001170.D

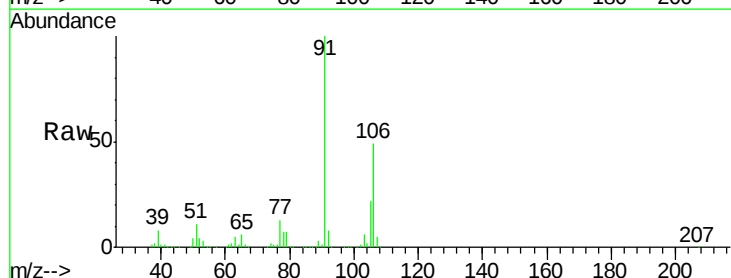
Acq: 13 Jan 2020 11:15

Tgt Ion: 106 Resp: 177297

Ion Ratio Lower Upper

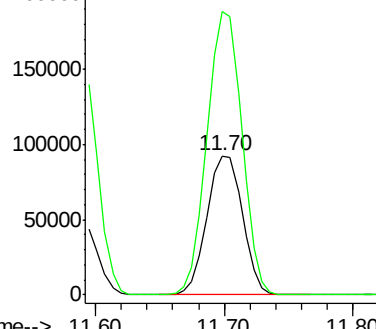
106 100

91 199.5 161.4 242.2

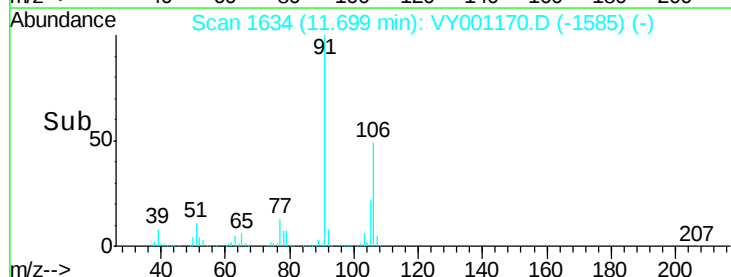


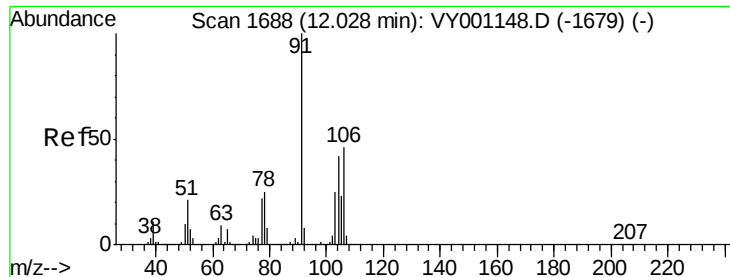
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time--> 11.60 11.70 11.80





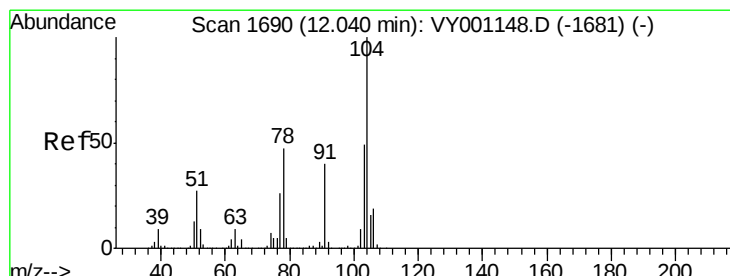
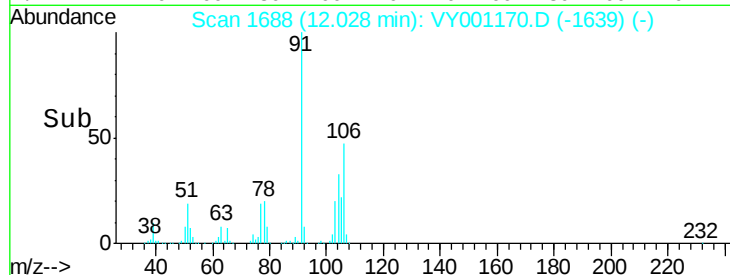
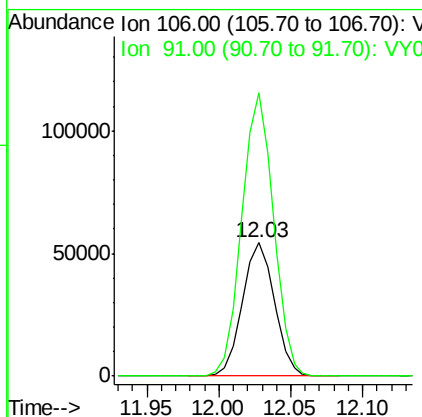
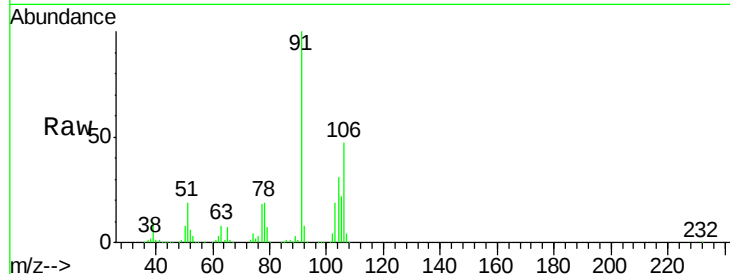
#69
o-Xylene
Concen: 21.049 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion:106 Resp: 83791
Ion Ratio Lower Upper
106 100
91 210.0 106.3 318.8

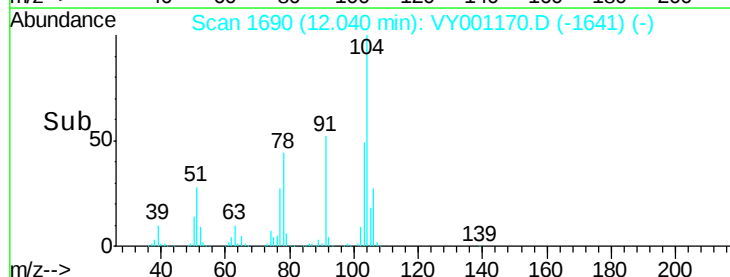
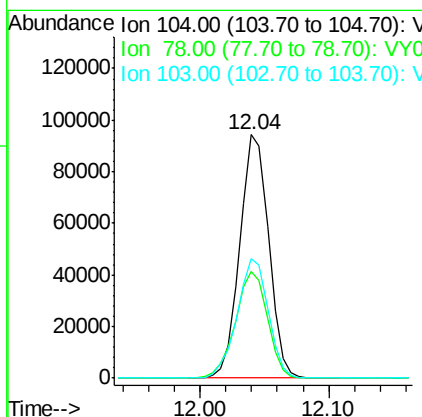
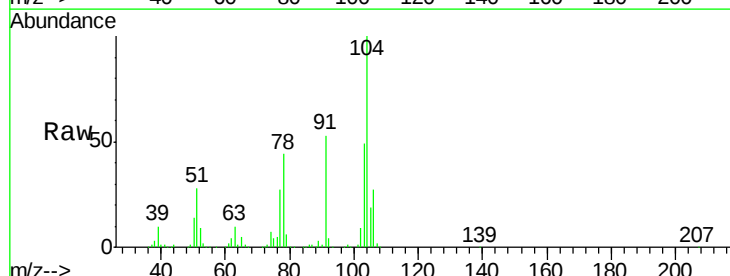
Manual Integrations
APPROVED

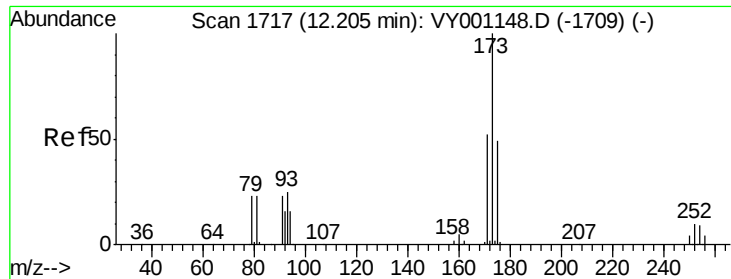
apatel
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#70
Styrene
Concen: 20.966 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion:104 Resp: 146441
Ion Ratio Lower Upper
104 100
78 48.5 40.5 60.7
103 53.0 42.4 63.6





#71

Bromoform

Concen: 20.726 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

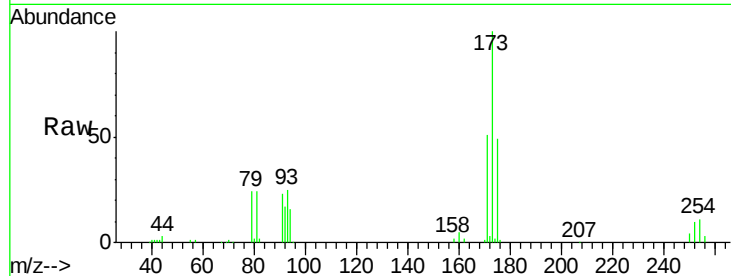
ClientSampleId :

VY0113SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.2
254	0.0	0.1	0.1#

Manual Integrations
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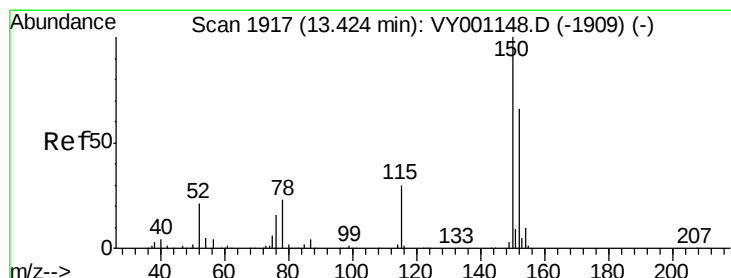
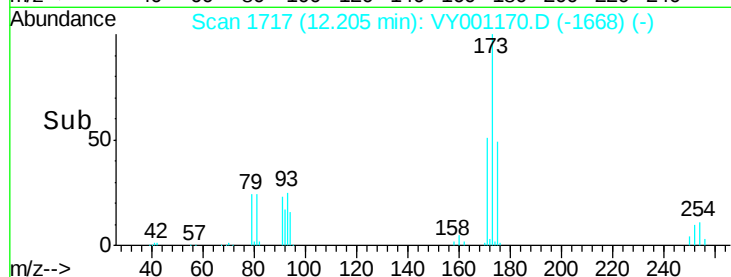
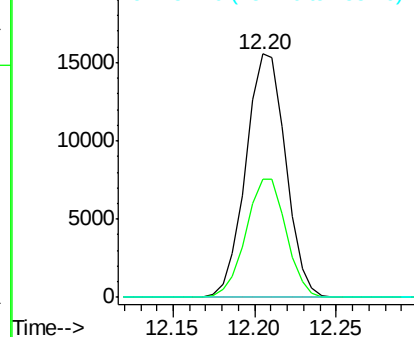


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

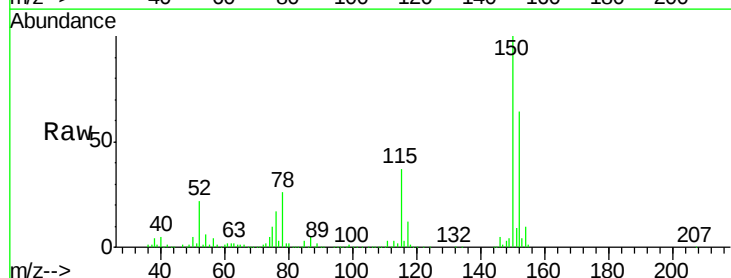
RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.9	92.5
150	164.1	0.0	346.8

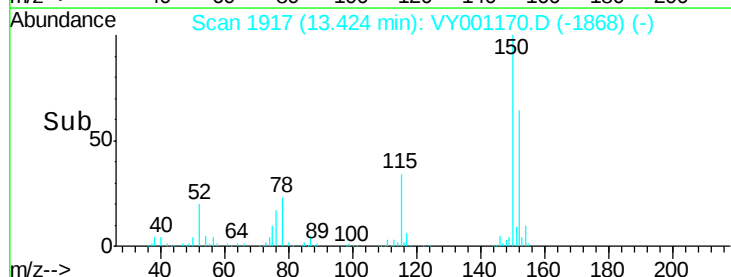
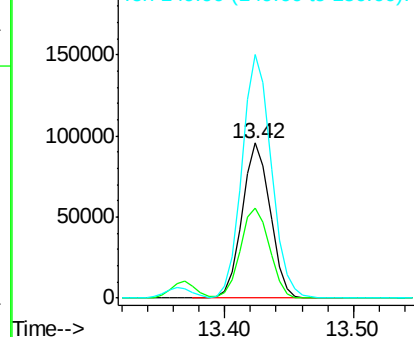


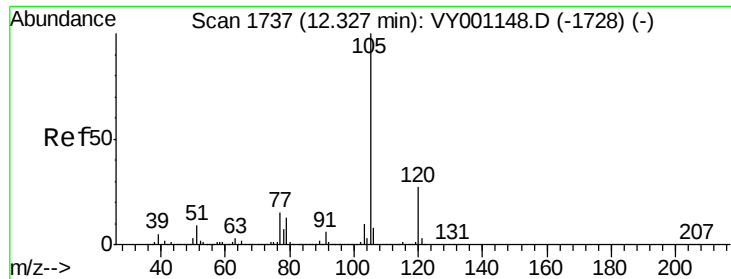
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





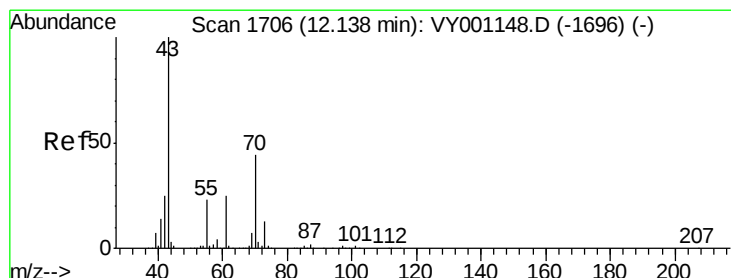
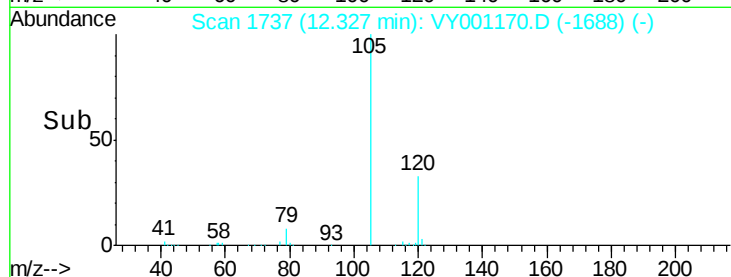
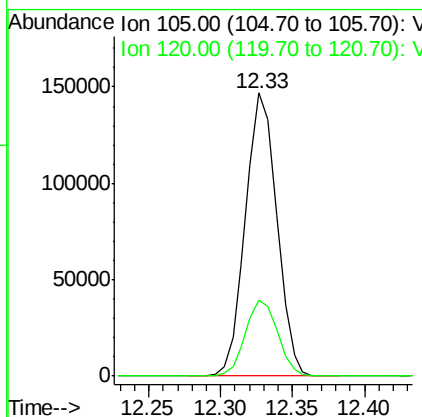
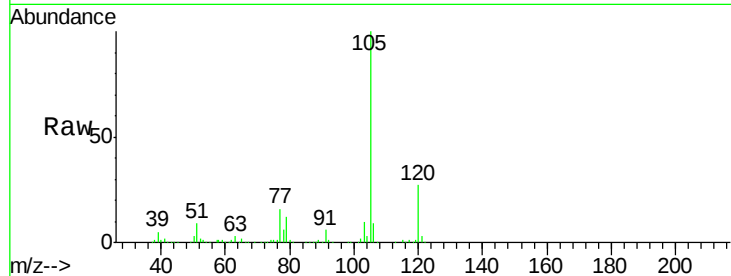
#73
Isopropylbenzene
Concen: 20.523 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	221756		
120	27.4	13.4	40.2	

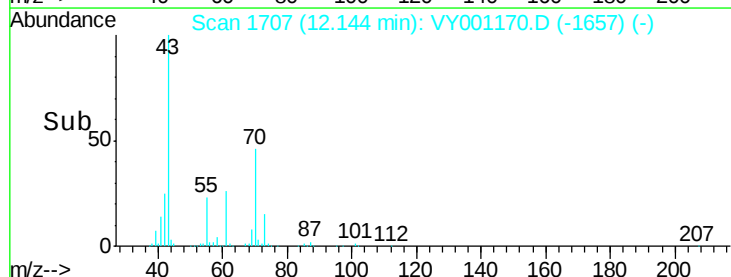
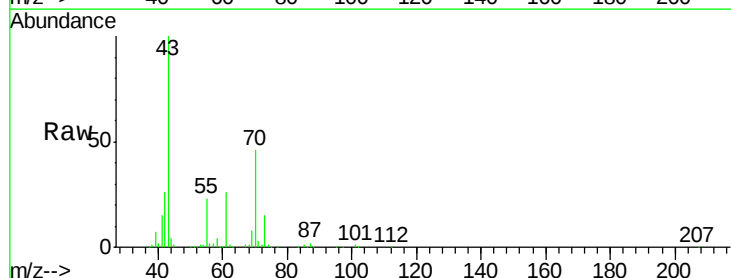
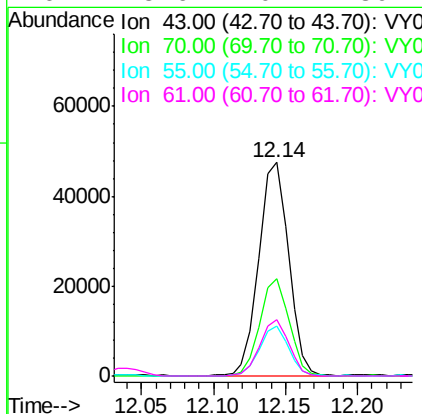
Manual Integrations
APPROVED

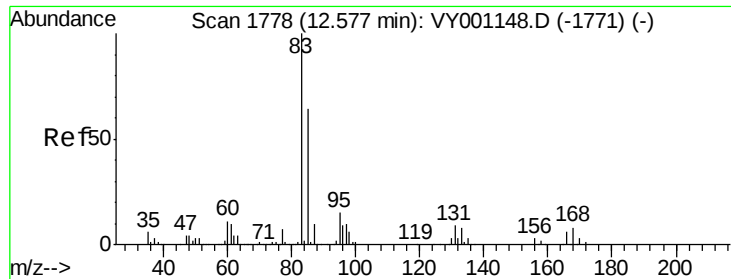
apatel
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#74
N-ethyl acetate
Concen: 20.144 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	67926		
70	44.8	35.0	52.6	
55	23.2	18.4	27.6	
61	25.6	20.1	30.1	





#75

1,1,2,2-Tetrachloroethane

Concen: 20.419 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

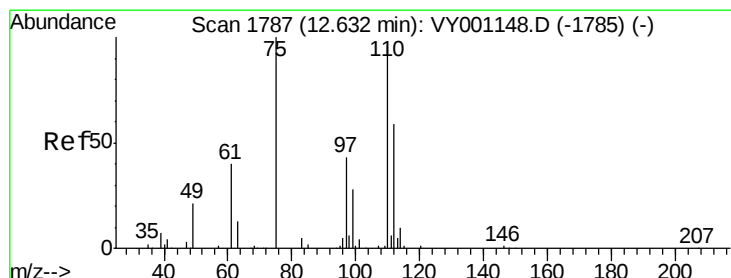
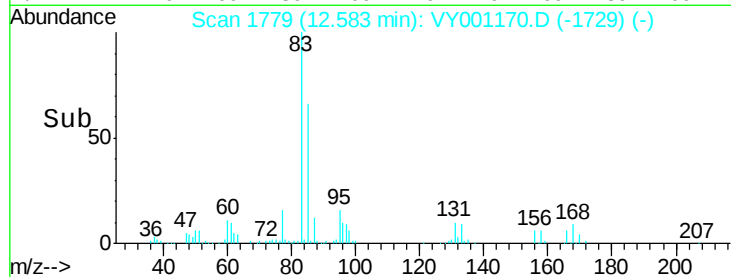
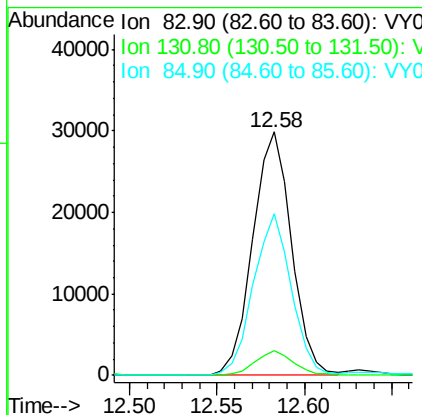
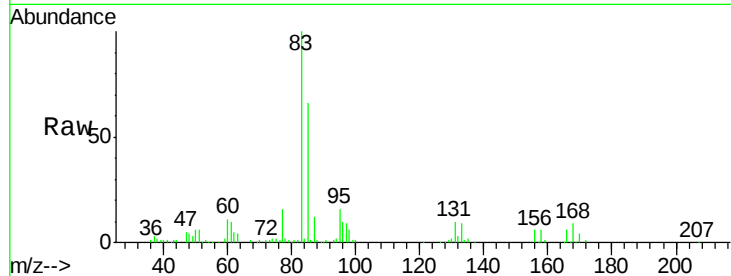
ClientSampleId :

VY0113SBS01

Tot Ion	83	Resp	46420
Ion Ratio	100	Lower	Upper
83	100		
131	10.0	5.1	15.3
85	64.8	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 21.047 ug/l m

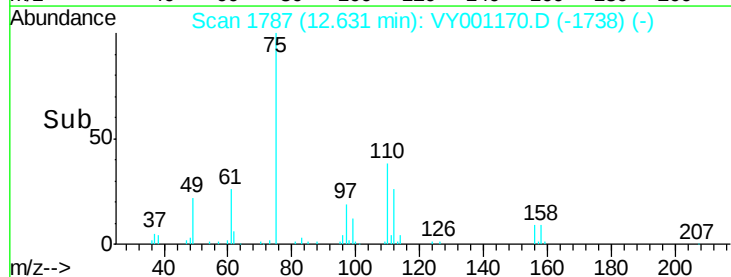
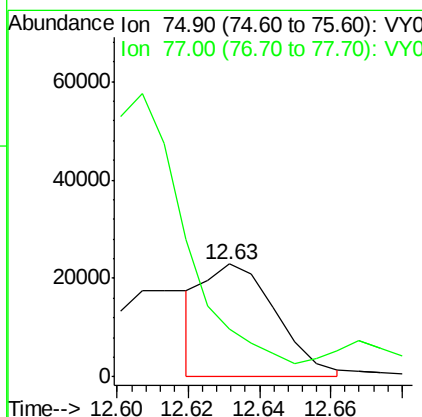
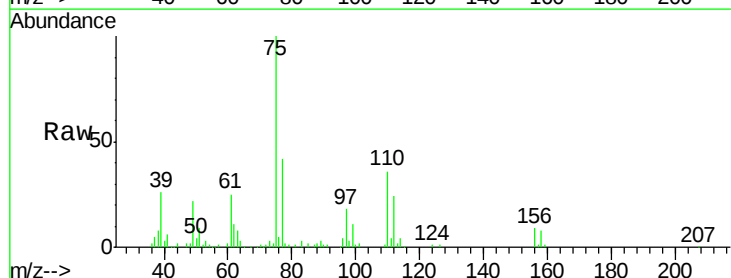
RT: 12.63 min Scan# 1787

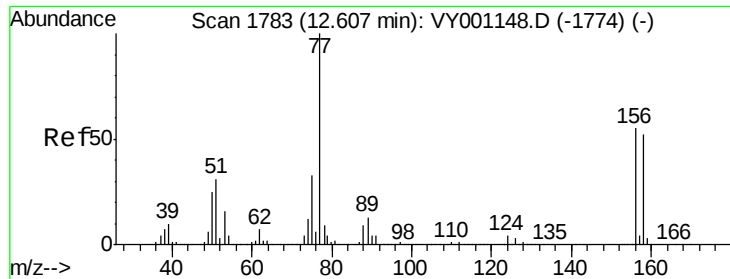
Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Tgt Ion	75	Resp	32384
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.822 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

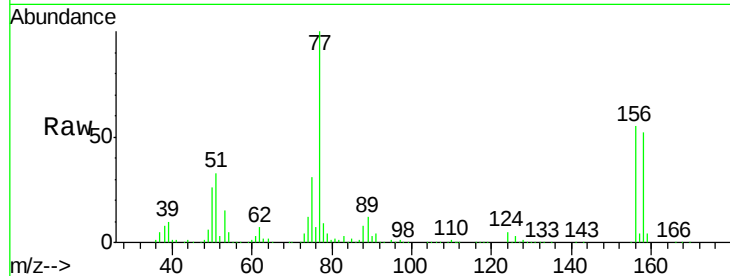
ClientSampleId :

VY0113SBS01

Tot Ion	156	Resp	49714
Ion	Ratio	Lower	Upper
156	100		
77	205.5	106.7	320.1
158	97.2	48.3	144.8

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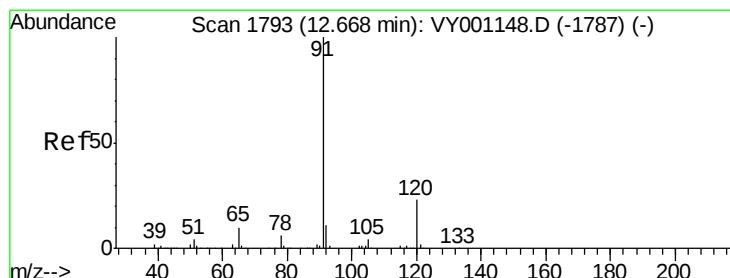
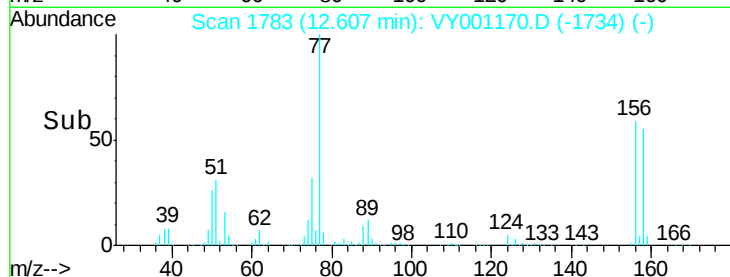
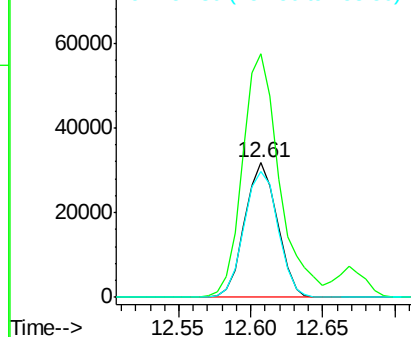


Abundance

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: 20.639 ug/l

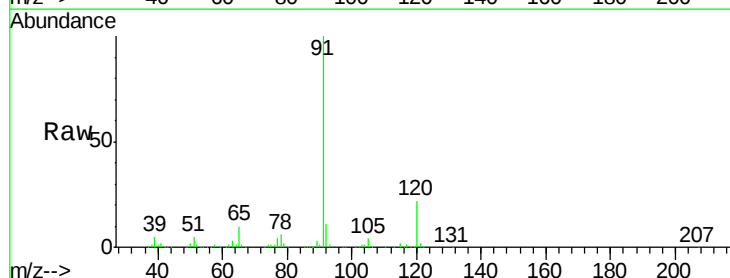
RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

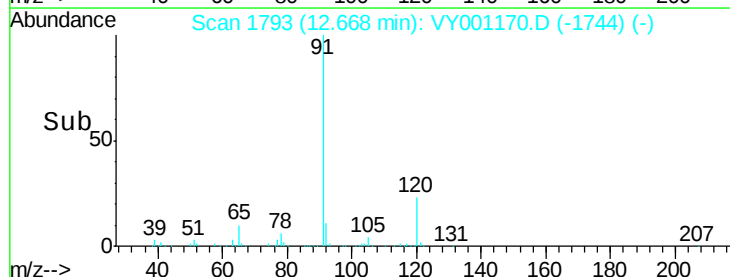
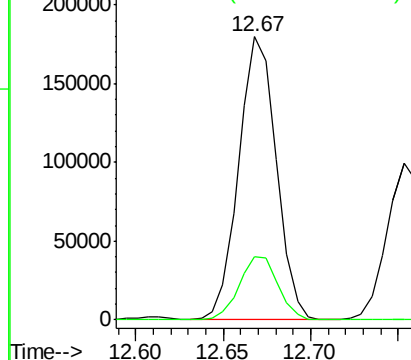
Tgt Ion	91	Resp	268243
Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.4

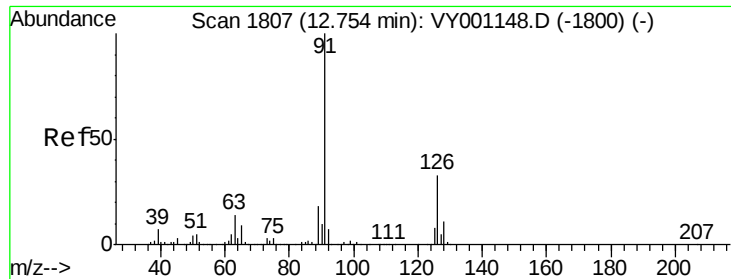


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.455 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0113SBS01

Tot Ion: 91 Resp: 152679

Ion Ratio Lower Upper

91 100

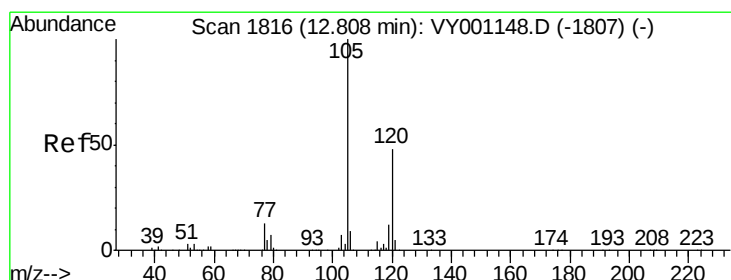
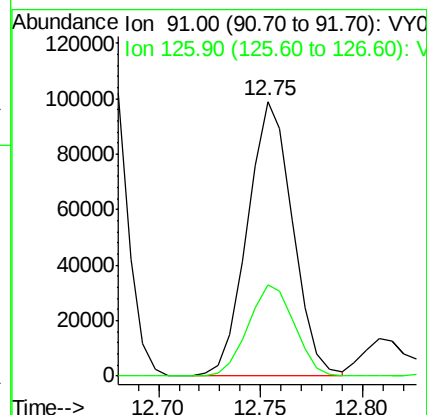
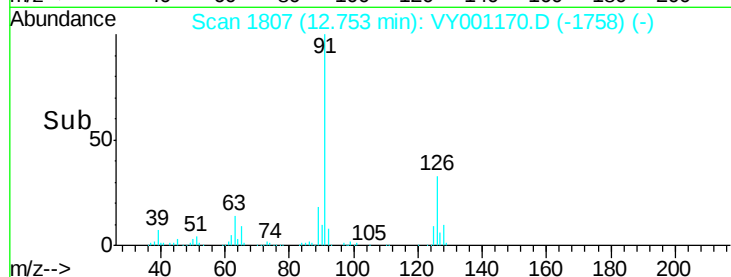
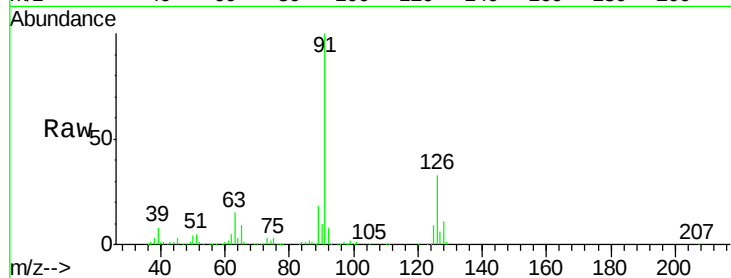
126 34.0 16.4 49.4

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#80

1,3,5-Trimethylbenzene

Concen: 20.903 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001170.D

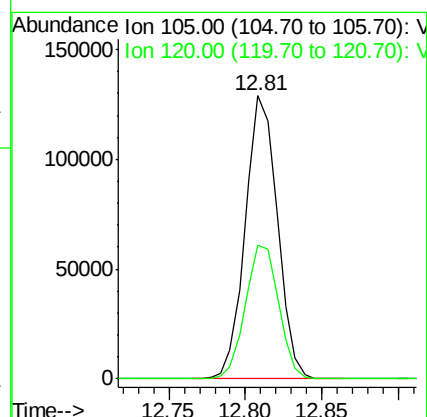
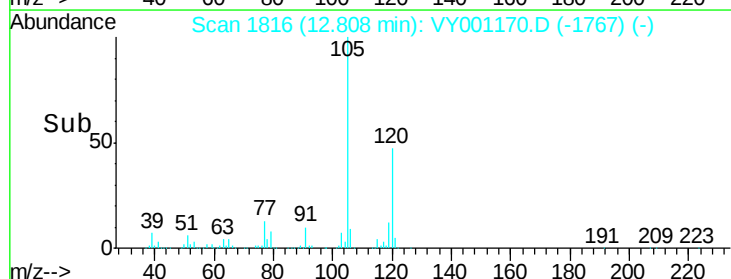
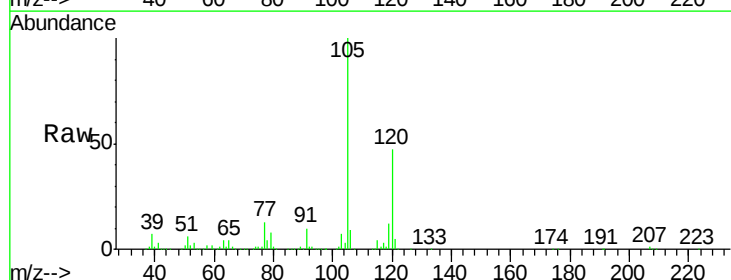
Acq: 13 Jan 2020 11:15

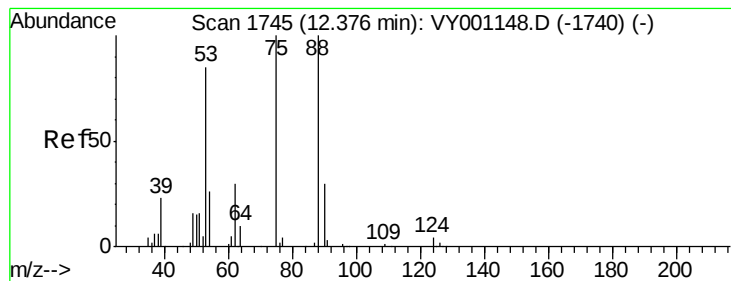
Tgt Ion: 105 Resp: 188452

Ion Ratio Lower Upper

105 100

120 48.9 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.859 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

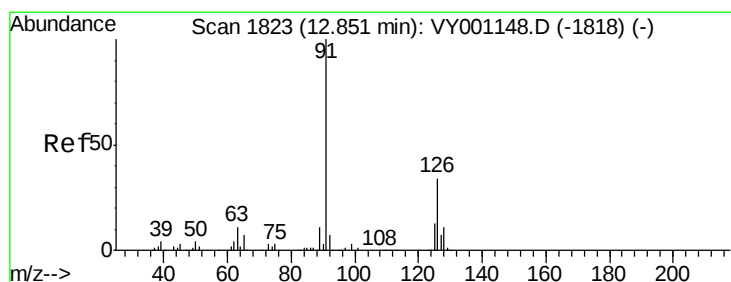
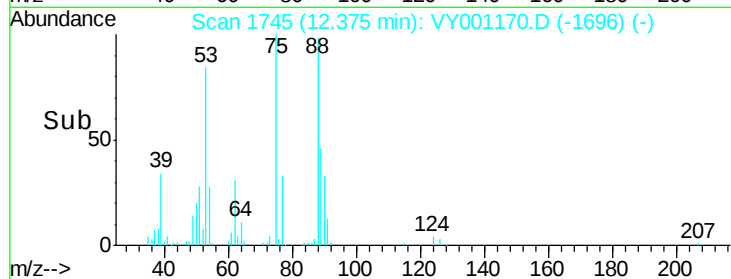
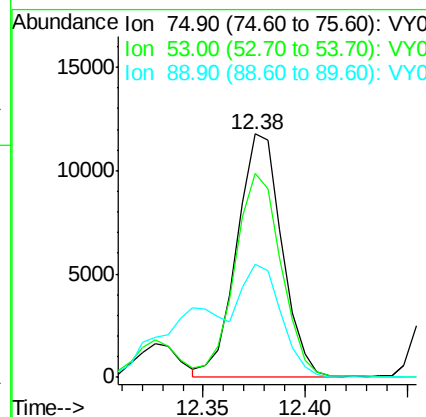
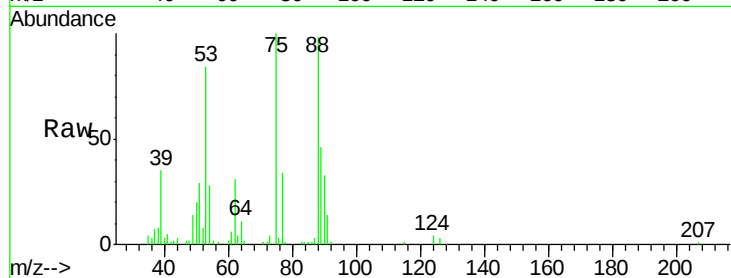
ClientSampleId :

VY0113SBS01

Tot Ion:	75	Resp:	18019
Ion Ratio	Lower	Upper	
75	100		
53	86.6	69.4	104.2
89	41.5	0.0	0.0#

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#82

4-Chlorotoluene

Concen: 20.186 ug/l

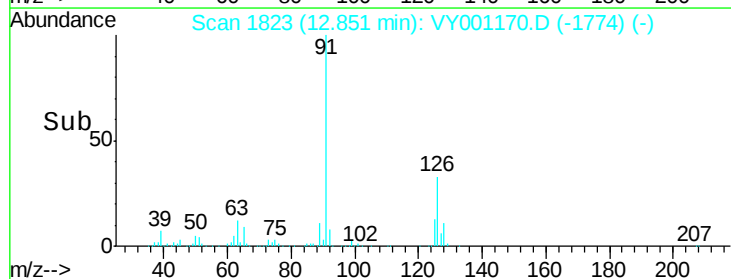
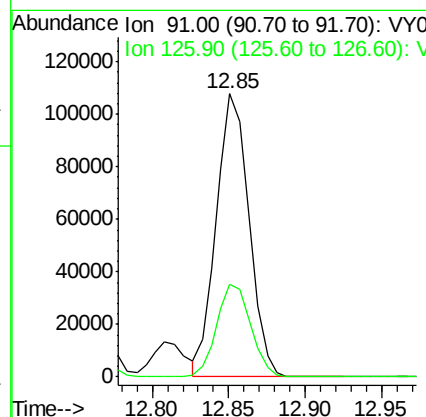
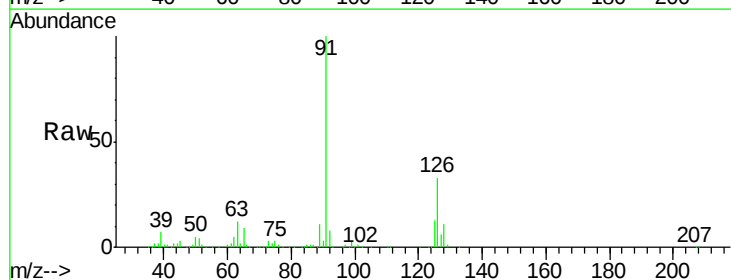
RT: 12.85 min Scan# 1823

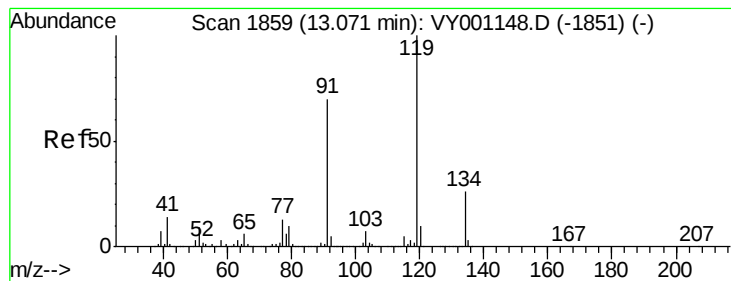
Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Tgt Ion:	91	Resp:	160857
Ion Ratio	Lower	Upper	
91	100		
126	34.0	16.3	48.8





#83

tert-Butylbenzene

Concen: 21.465 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.01 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

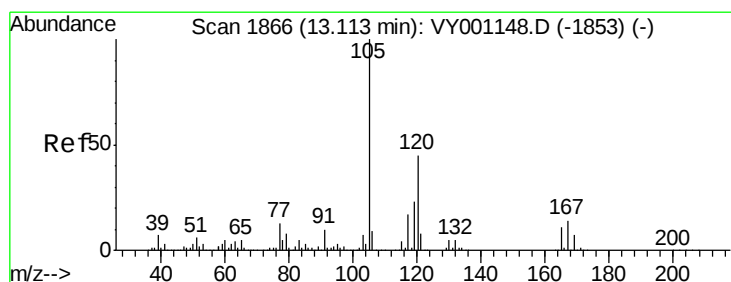
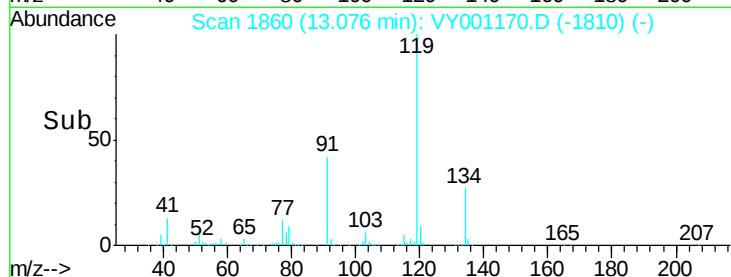
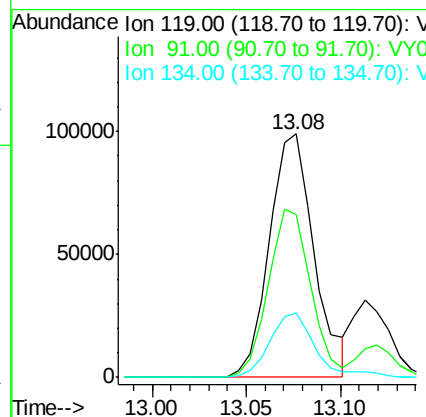
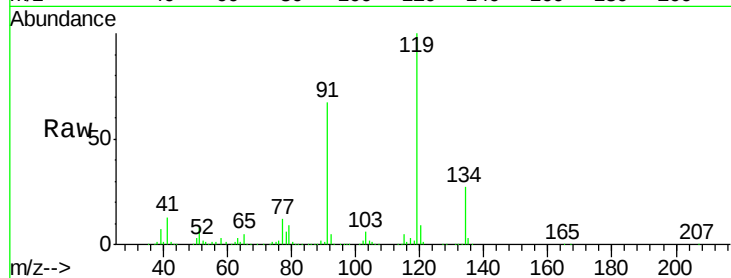
ClientSampleId :

VY0113SBS01

Tot Ion:	119	Resp:	162606
Ion Ratio	Lower	Upper	
119	100		
91	65.7	33.9	101.7
134	27.1	13.5	40.4

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#84

1,2,4-Trimethylbenzene

Concen: 21.071 ug/l

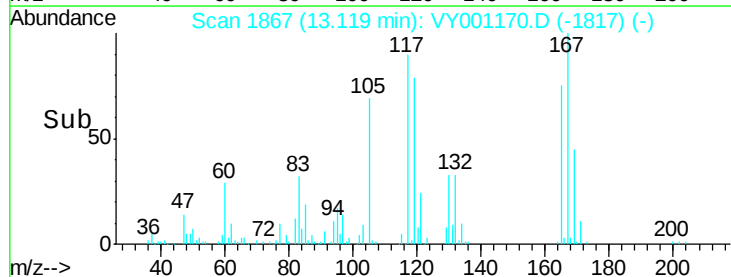
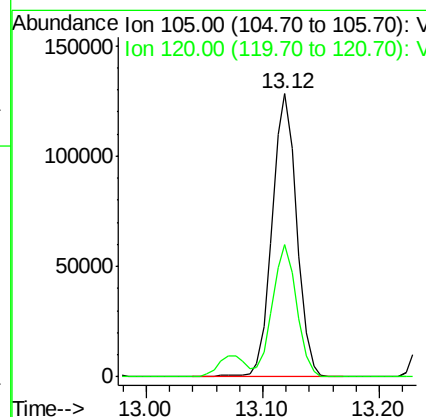
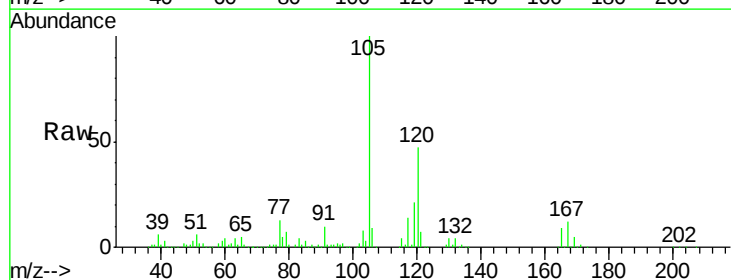
RT: 13.12 min Scan# 1867

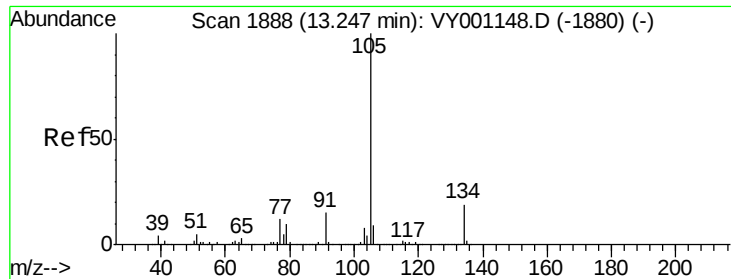
Delta R.T. 0.01 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Tgt Ion:	105	Resp:	188646
Ion Ratio	Lower	Upper	
105	100		
120	46.4	22.8	68.3





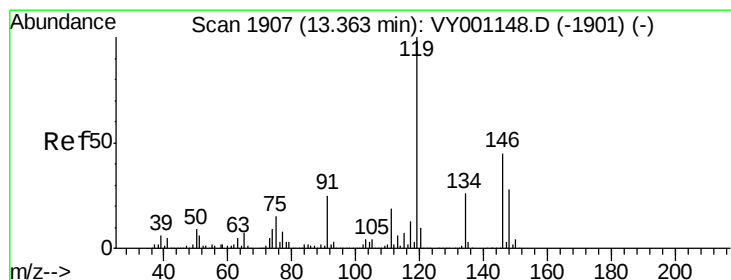
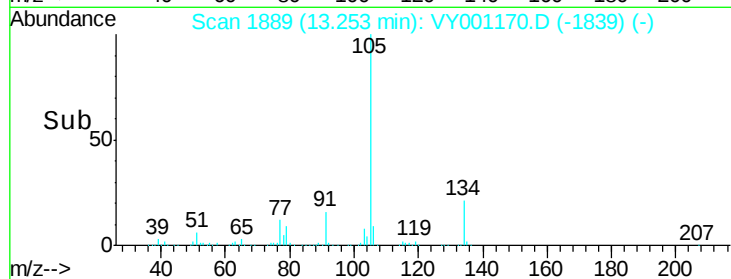
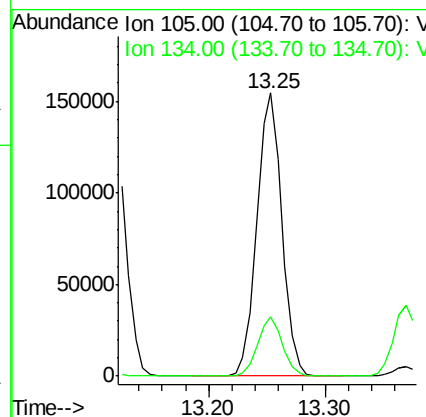
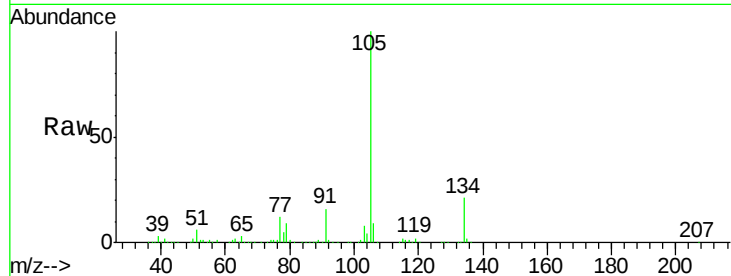
#85
 sec-Butylbenzene
 Concen: 21.089 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VY001170.D
 Acq: 13 Jan 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0113SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	9.8	29.5

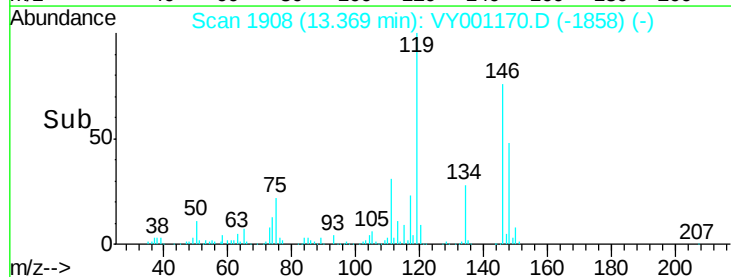
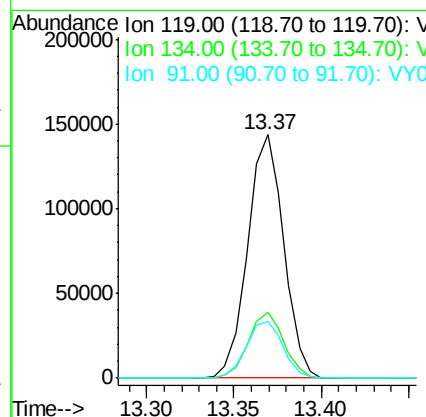
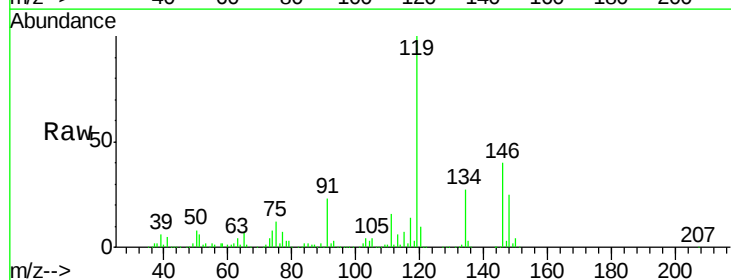
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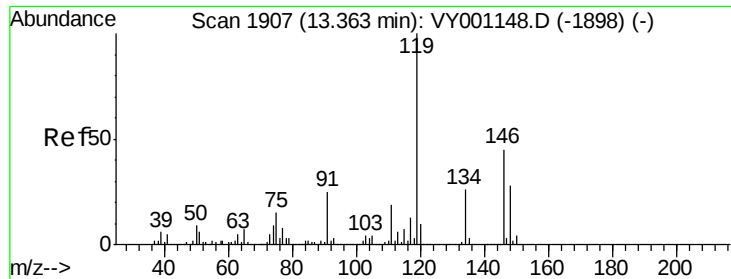
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#86
 p-Isopropyltoluene
 Concen: 21.692 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY001170.D
 Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.2
91	24.0	12.4	37.2





#87

1,3-Dichlorobenzene

Concen: 21.517 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Instrument :

MSVOA_Y

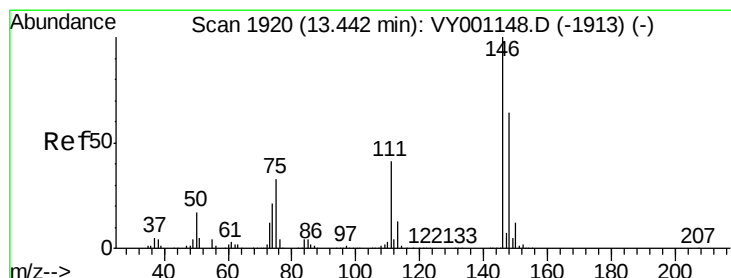
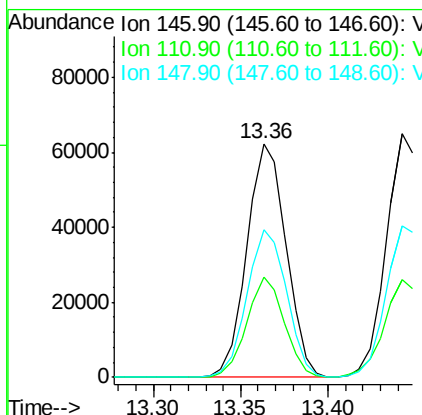
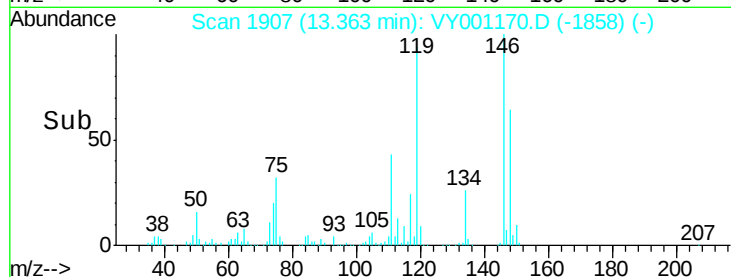
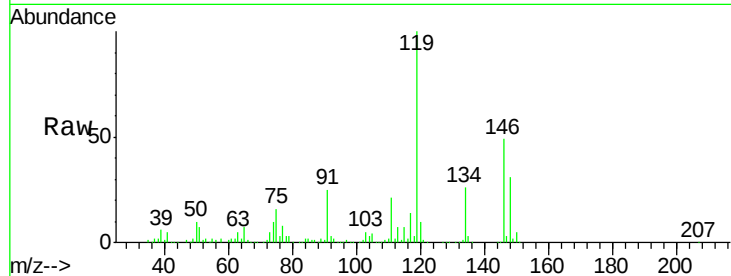
ClientSampleId :

VY0113SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.3	64.0
148	63.9	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 21.266 ug/l

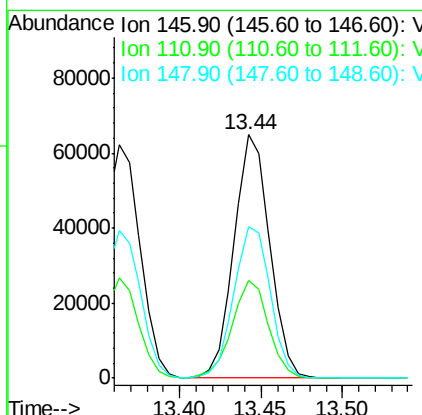
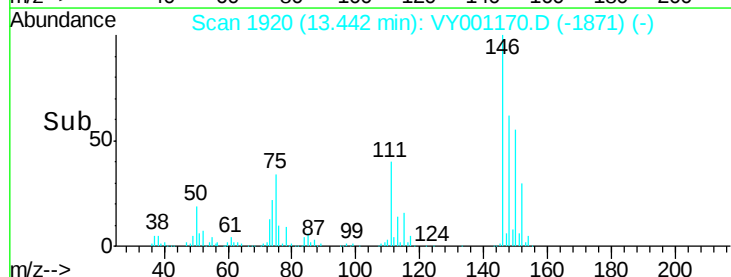
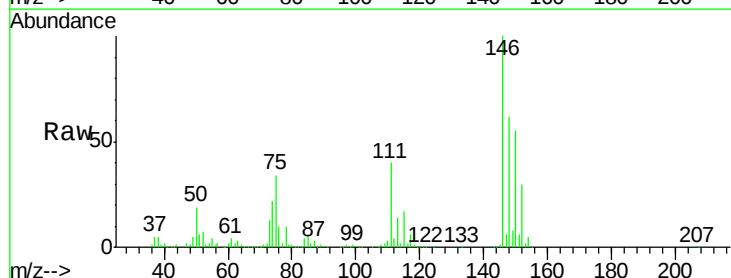
RT: 13.44 min Scan# 1920

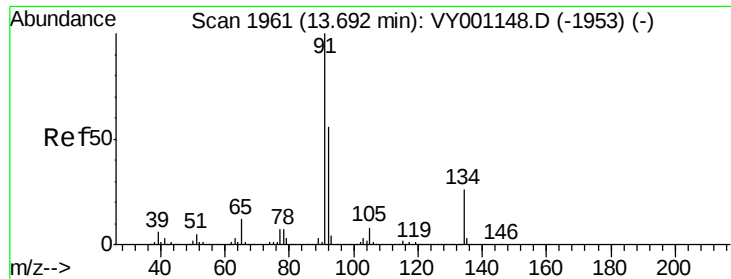
Delta R.T. -0.00 min

Lab File: VY001170.D

Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.5
148	63.9	32.0	96.2





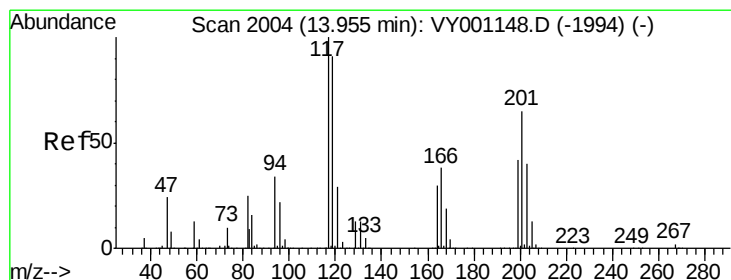
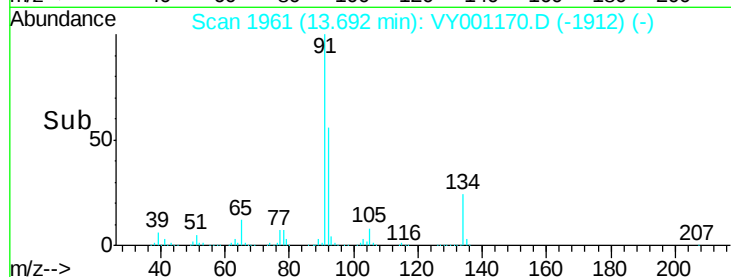
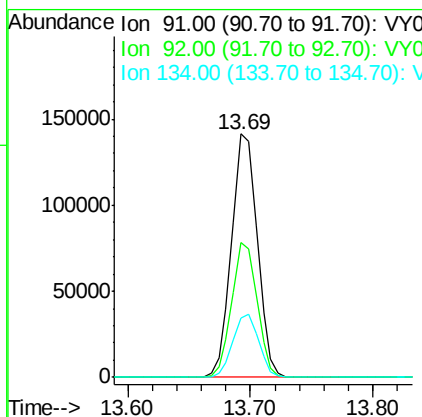
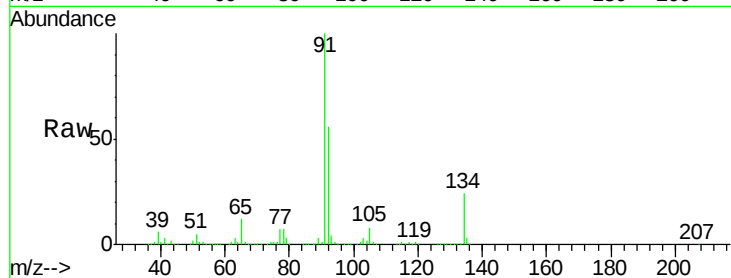
#89
n-Butylbenzene
Concen: 21.570 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.7	83.1
134	26.0	12.9	38.6

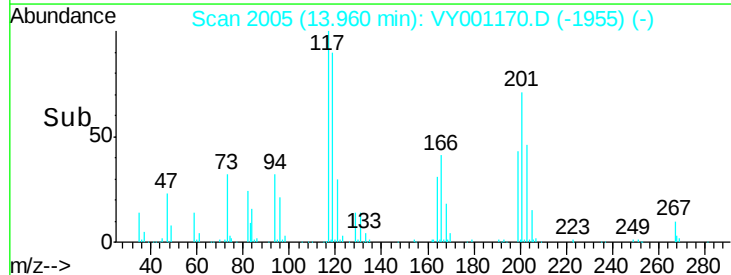
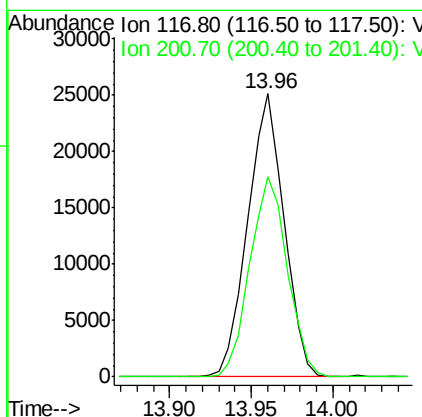
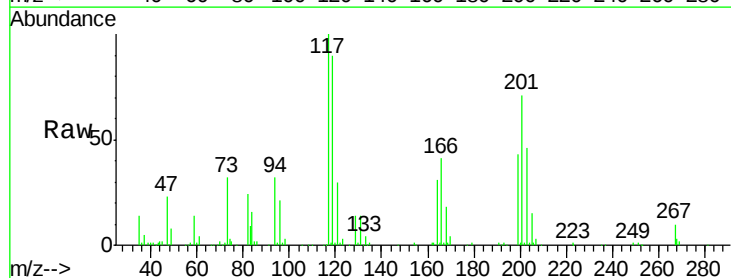
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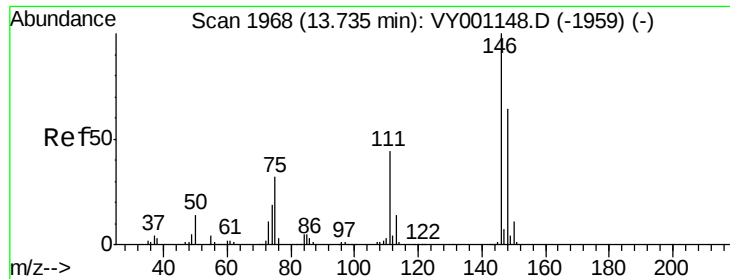
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#90
Hexachloroethane
Concen: 21.143 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.6	35.4	106.2





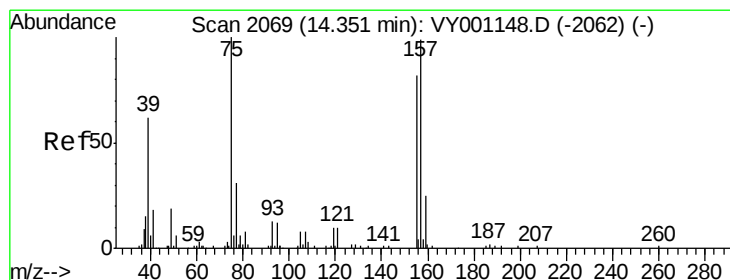
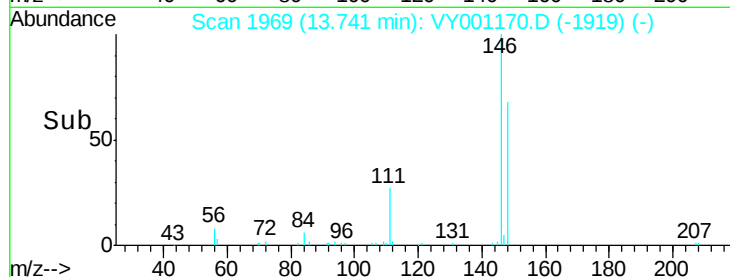
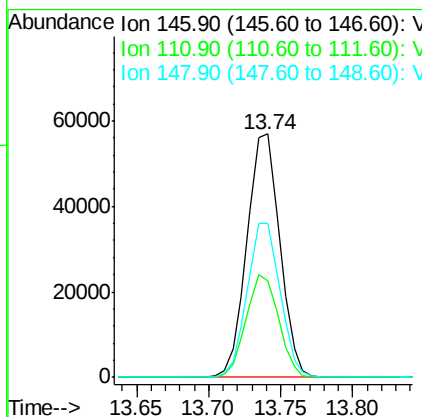
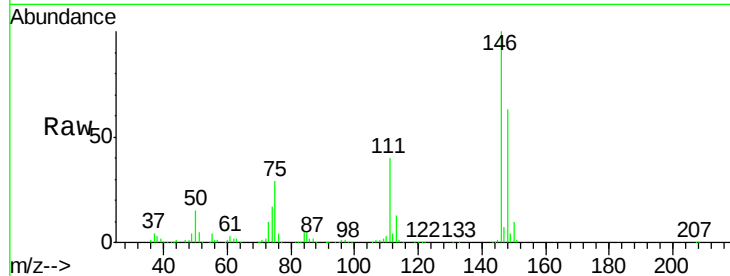
#91
 1,2-Dichlorobenzene
 Concen: 21.434 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY001170.D
 Acq: 13 Jan 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0113SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	22.0	66.0
148	63.7	32.1	96.3

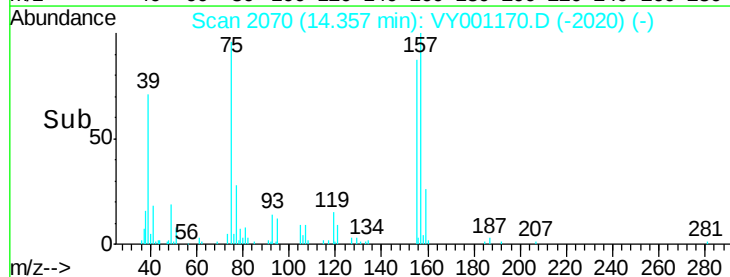
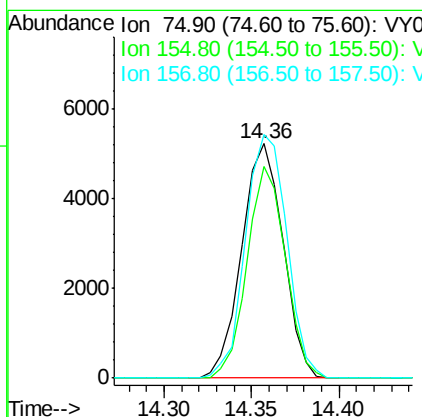
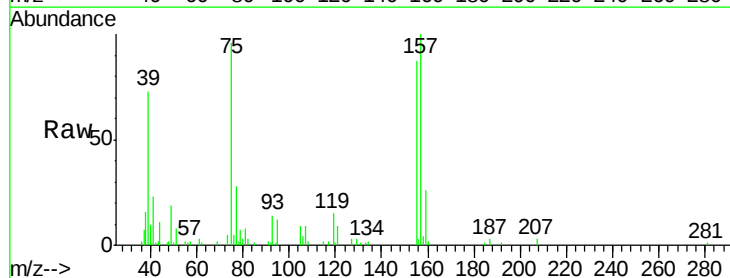
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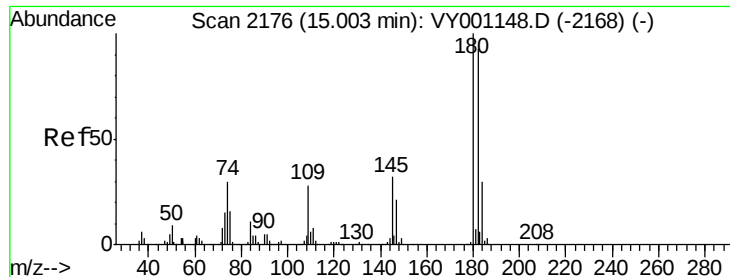
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.938 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY001170.D
 Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.8	41.2	123.6
157	104.4	52.8	158.4





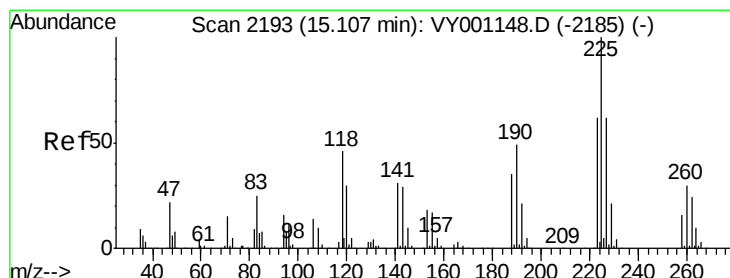
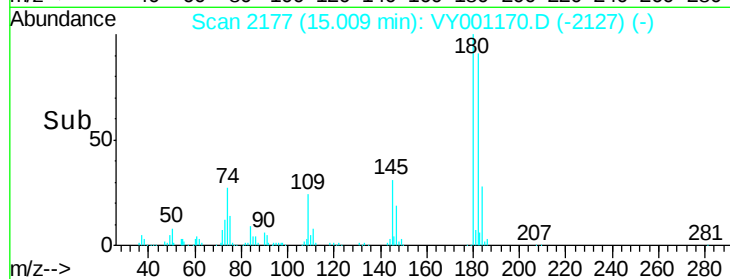
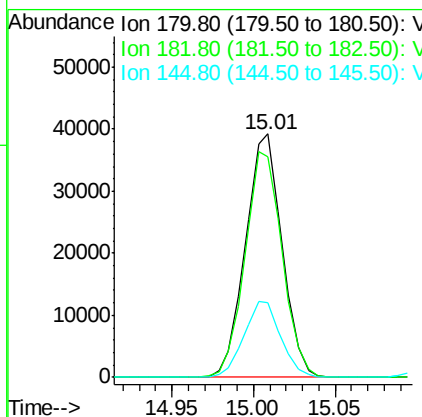
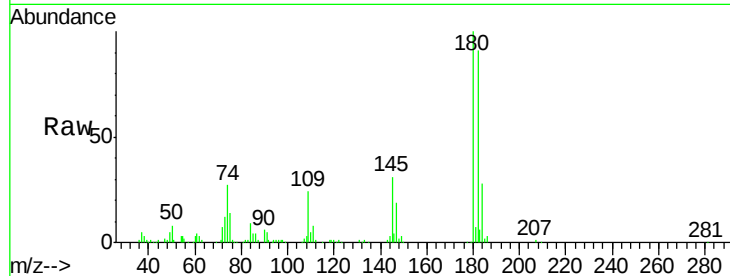
#93
 1,2,4-Trichlorobenzene
 Concen: 22.107 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY001170.D
 Acq: 13 Jan 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0113SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	61122		
182	94.1	46.9	140.8	
145	31.6	16.0	48.0	

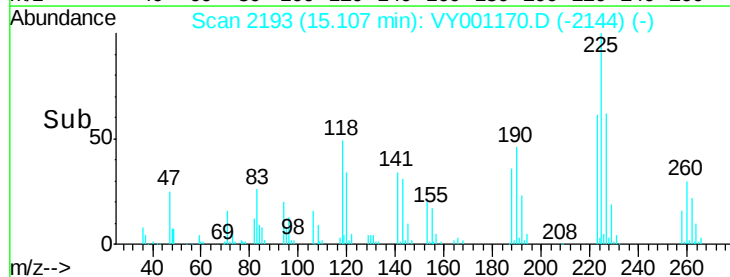
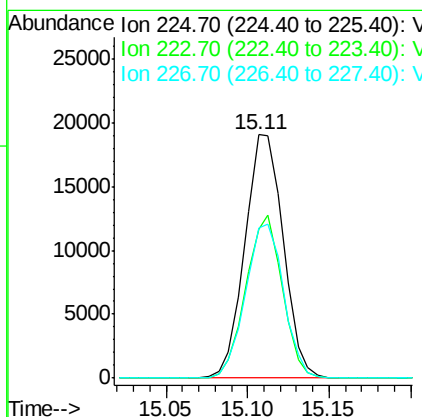
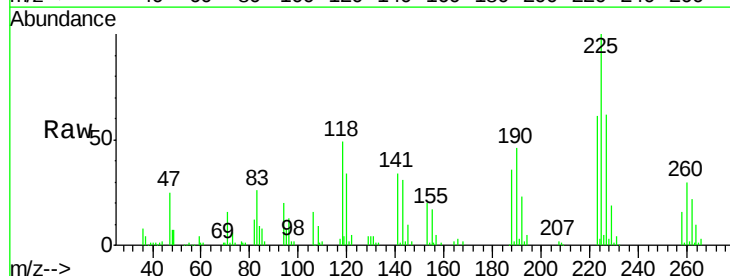
Manual Integrations
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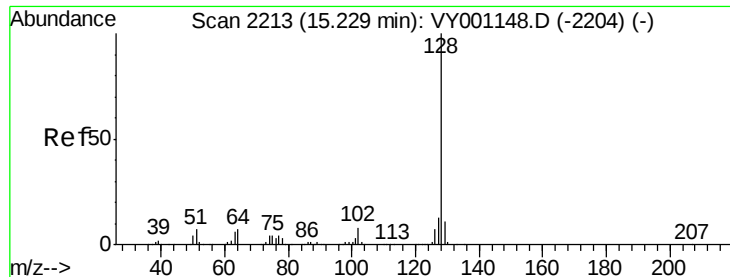
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#94
 Hexachlorobutadiene
 Concen: 22.434 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY001170.D
 Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31248		
223	63.2	31.1	93.3	
227	63.0	31.3	93.9	





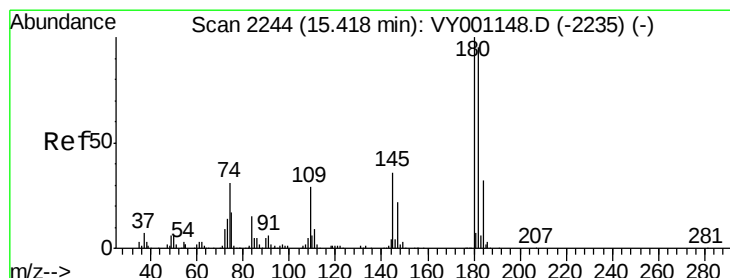
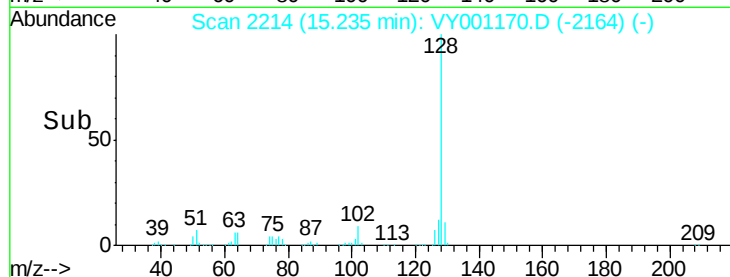
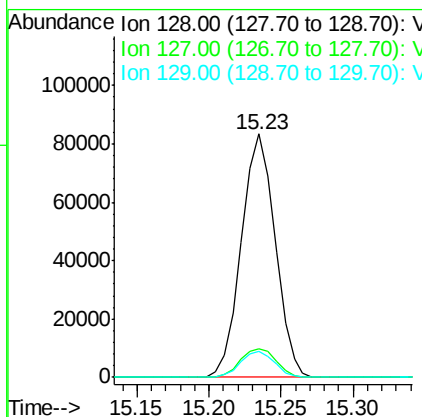
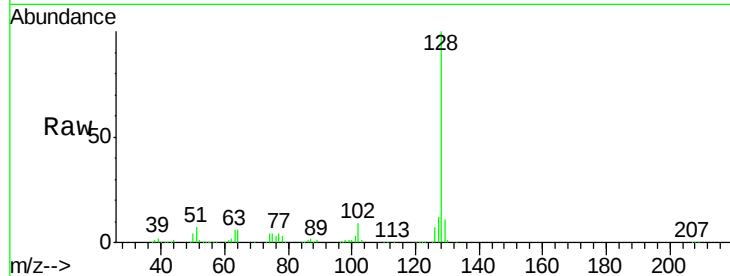
#95
Naphthalene
Concen: 21.119 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.8	8.5	12.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.778 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001170.D
Acq: 13 Jan 2020 11:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.5	142.5
145	32.9	17.1	51.3

