

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
 Data File : VY001447.D
 Acq On : 31 Jan 2020 12:11
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/3/2020 10:53:09 AM

Quant Time: Jan 31 13:48:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	184861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	319916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	280596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	135068	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	102977	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
35) Dibromofluoromethane	7.75	113	97610	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
50) Toluene-d8	10.19	98	396483	54.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.70%	
62) 4-Bromofluorobenzene	12.49	95	145401	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	33475	22.962	ug/l	100
3) Chloromethane	2.13	50	49001	22.239	ug/l	98
4) Vinyl Chloride	2.27	62	52119	22.686	ug/l	91
5) Bromomethane	2.66	94	34149	22.070	ug/l	98
6) Chloroethane	2.81	64	33528	22.839	ug/l	96
7) Trichlorofluoromethane	3.15	101	69459	23.630	ug/l	100
8) Diethyl Ether	3.55	74	27362	22.051	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.93	101	45302	24.200	ug/l	99
10) Methyl Iodide	4.11	142	50999	20.656	ug/l	98
11) Tert butyl alcohol	5.00	59	31688	114.819	ug/l	95
12) 1,1-Dichloroethene	3.90	96	45747	23.308	ug/l	94
13) Acrolein	3.76	56	16989	106.455	ug/l	99
14) Allyl chloride	4.51	41	79861	22.816	ug/l	99
15) Acrylonitrile	5.20	53	70382	110.808	ug/l	100
16) Acetone	3.98	43	61086	111.066	ug/l	96
17) Carbon Disulfide	4.22	76	139240	22.556	ug/l	99
18) Methyl Acetate	4.51	43	37249	21.958	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	124485	21.661	ug/l	98
20) Methylene Chloride	4.75	84	55563	19.809	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	51378	22.535	ug/l	93
22) Diisopropyl ether	6.15	45	164539	22.137	ug/l	97
23) Vinyl Acetate	6.10	43	532381	110.330	ug/l	99
24) 1,1-Dichloroethane	6.05	63	89283	22.790	ug/l	98
25) 2-Butanone	7.02	43	96862	110.632	ug/l	99
26) 2,2-Dichloropropane	7.02	77	78792	22.578	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	55462	21.767	ug/l	95
28) Bromochloromethane	7.36	49	30986	19.179	ug/l	99
29) Tetrahydrofuran	7.38	42	62243	109.272	ug/l	98
30) Chloroform	7.53	83	85919	22.374	ug/l	99
31) Cyclohexane	7.81	56	90638	23.302	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	74011	22.826	ug/l	99
36) 1,1-Dichloropropene	7.94	75	70328	23.269	ug/l	99
37) Ethyl Acetate	7.11	43	41503	22.475	ug/l	100
38) Carbon Tetrachloride	7.93	117	63874	23.713	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	92178	23.807	ug/l	97
40) Benzene	8.19	78	209531	23.121	ug/l	98
41) Methacrylonitrile	7.34	41	17499m	18.364	ug/l	
42) 1,2-Dichloroethane	8.26	62	57432	22.681	ug/l	98
43) Isopropyl Acetate	8.30	43	80237	22.346	ug/l	99
44) Trichloroethene	8.96	130	53279	22.910	ug/l	99
45) 1,2-Dichloropropane	9.24	63	53065	23.163	ug/l	97
46) Dibromomethane	9.33	93	27656	22.486	ug/l	96
47) Bromodichloromethane	9.52	83	66030	22.458	ug/l	97
48) Methyl methacrylate	9.31	41	35303	21.627	ug/l	98
49) 1,4-Dioxane	9.32	88	7426	428.160	ug/l	95
51) 4-Methyl-2-Pentanone	10.09	43	208329	112.662	ug/l	100
52) Toluene	10.26	92	131431	22.879	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	73791	22.644	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	85180	22.773	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	40658	22.397	ug/l	97
56) Ethyl methacrylate	10.52	69	61386	22.373	ug/l	98
57) 1,3-Dichloropropane	10.80	76	72022	22.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	100561	105.919	ug/l	100
59) 2-Hexanone	10.85	43	148161	115.092	ug/l	100
60) Dibromochloromethane	11.00	129	45287	22.305	ug/l	99
61) 1,2-Dibromoethane	11.10	107	39392	22.954	ug/l	99
64) Tetrachloroethene	10.73	164	41219	22.997	ug/l	94
65) Chlorobenzene	11.53	112	136713	23.115	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	47225	23.397	ug/l	99
67) Ethyl Benzene	11.61	91	256436	23.527	ug/l	99
68) m/p-Xylenes	11.71	106	191252	46.979	ug/l	99
69) o-Xylene	12.04	106	91429	23.346	ug/l	99
70) Styrene	12.05	104	157740	22.956	ug/l	99
71) Bromoform	12.22	173	26357	21.875	ug/l #	99
73) Isopropylbenzene	12.34	105	244816	22.970	ug/l	100
74) N-amyl acetate	12.16	43	77114	22.104	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	51620	22.615	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	42905m	26.361	ug/l	
77) Bromobenzene	12.62	156	52904	22.411	ug/l	100
78) n-propylbenzene	12.68	91	295166	23.009	ug/l	99
79) 2-Chlorotoluene	12.77	91	166861	22.768	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	204182	22.951	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	19042	22.140	ug/l	96
82) 4-Chlorotoluene	12.86	91	176626	22.563	ug/l	99
83) tert-Butylbenzene	13.08	119	175675	23.426	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	203641	22.800	ug/l	98
85) sec-Butylbenzene	13.27	105	249811	23.446	ug/l	100
86) p-Isopropyltoluene	13.38	119	218406	23.261	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	104370	22.957	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	103662	22.456	ug/l	99
89) n-Butylbenzene	13.70	91	220922	23.379	ug/l	99
90) Hexachloroethane	13.97	117	40332	22.662	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	93796	22.370	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	8398	21.322	ug/l	98

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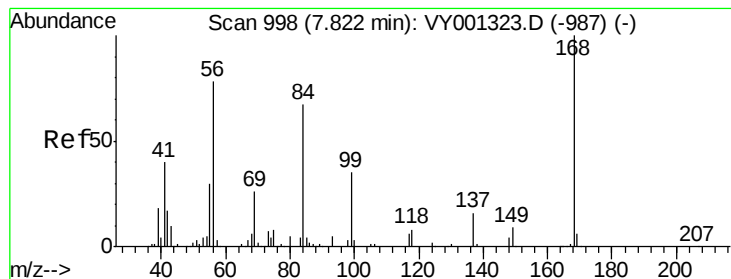
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	62028	22.042	ug/l	99
94) Hexachlorobutadiene	15.12	225	30891	22.545	ug/l	99
95) Naphthalene	15.25	128	142337	22.120	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	53951	21.855	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

Tot Ion:168 Resp: 184861

Ion Ratio Lower Upper

168 100

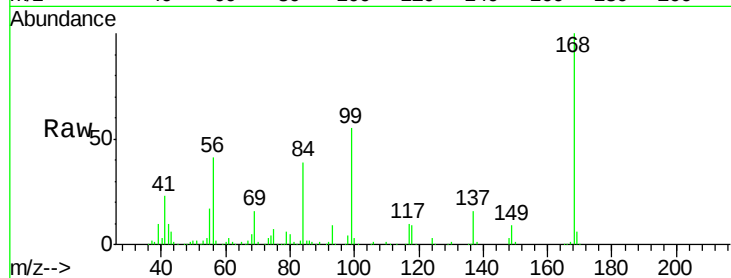
99 55.2 44.3 66.5

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Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.82

80000

60000

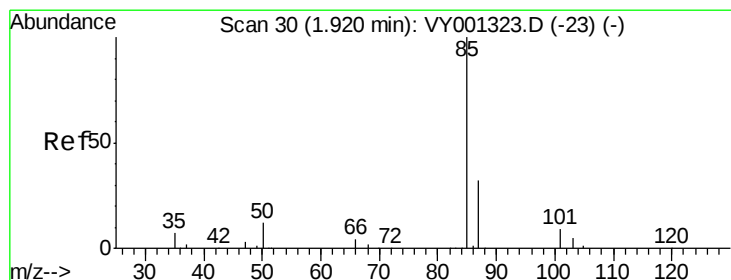
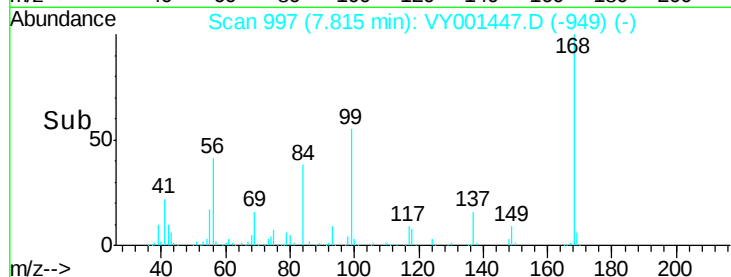
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.962 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001447.D

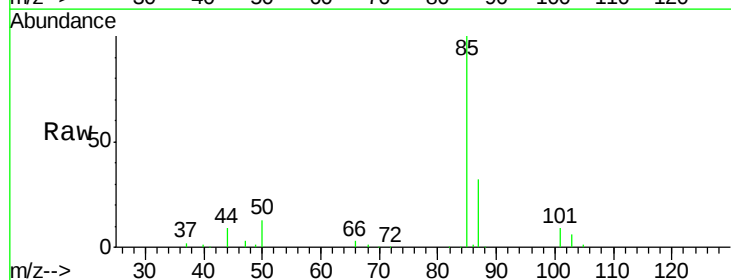
Acq: 31 Jan 2020 12:11

Tgt Ion: 85 Resp: 33475

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)

1.91

25000

20000

15000

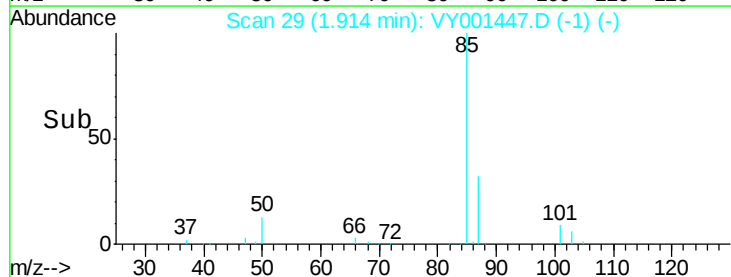
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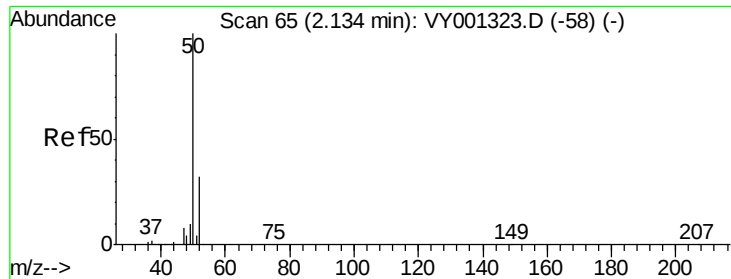
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 22.239 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

Tot Ion: 50 Resp: 49001

Ion Ratio Lower Upper

50 100

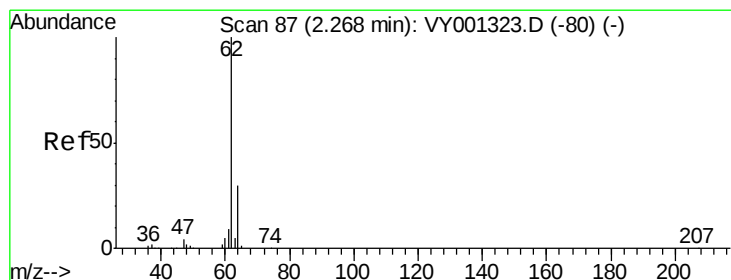
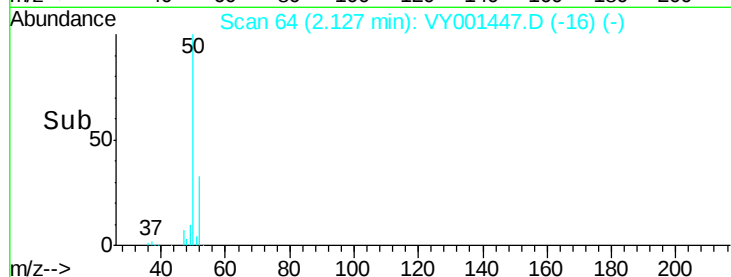
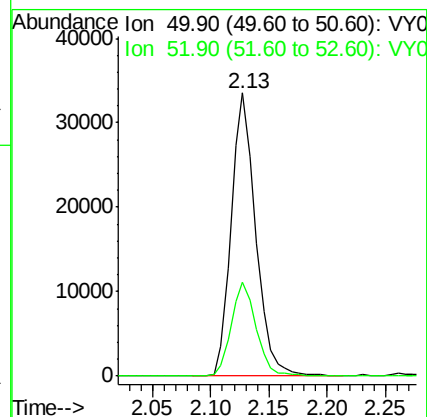
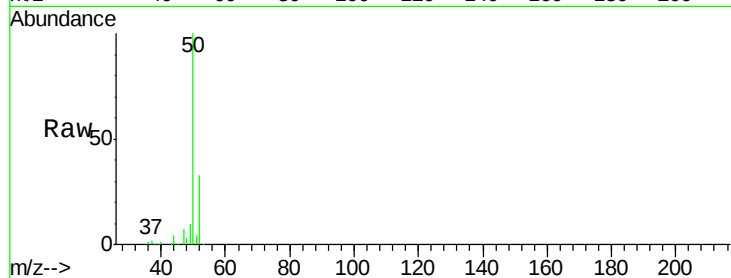
52 33.1 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.686 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001447.D

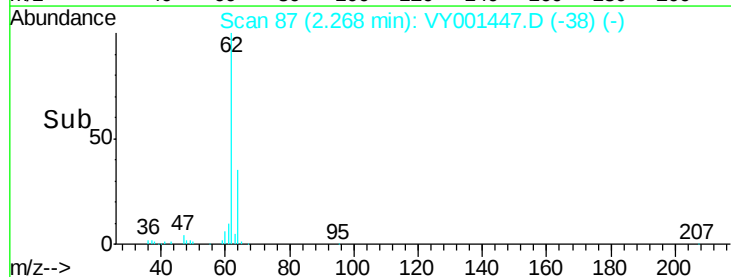
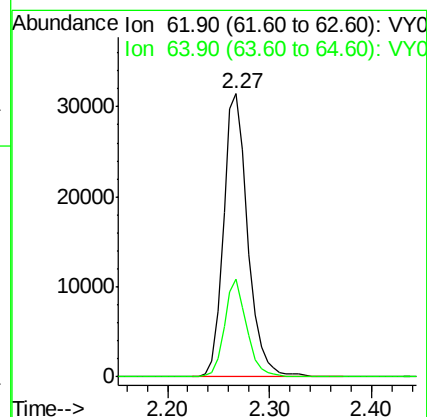
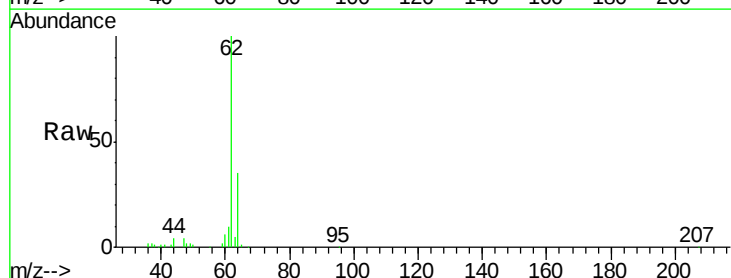
Acq: 31 Jan 2020 12:11

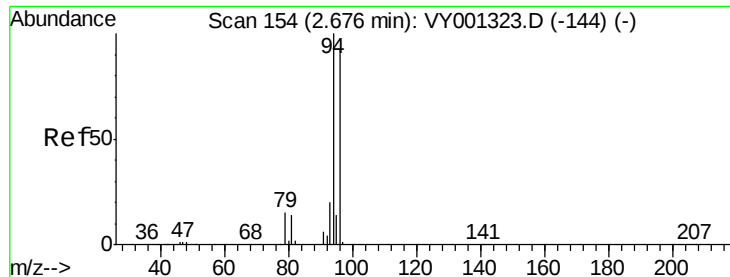
Tgt Ion: 62 Resp: 52119

Ion Ratio Lower Upper

62 100

64 34.6 23.9 35.9





#5

Bromomethane

Concen: 22.070 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

Tot Ion: 94 Resp: 34149

Ion Ratio Lower Upper

94 100

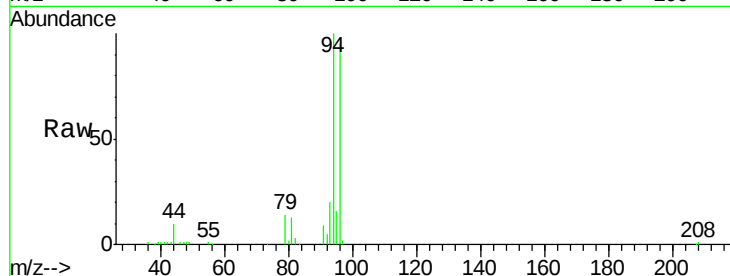
96 94.7 74.6 111.8

Manual Integrations

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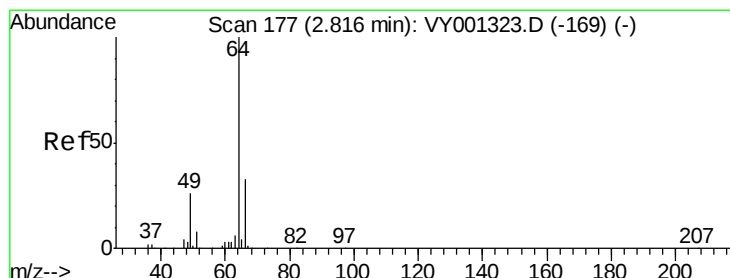
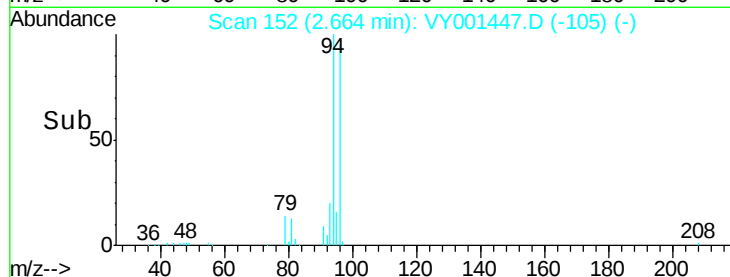
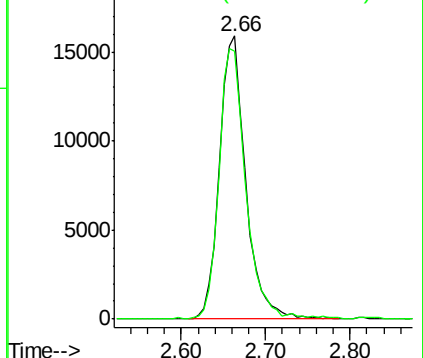
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 22.839 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001447.D

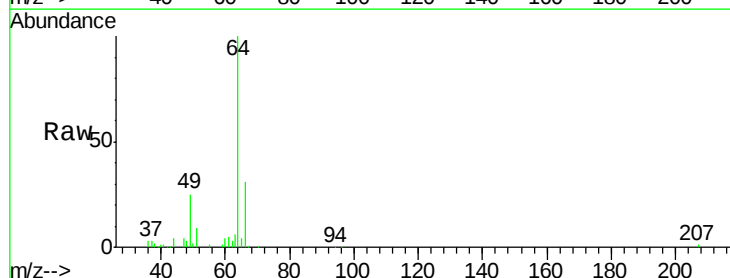
Acq: 31 Jan 2020 12:11

Tgt Ion: 64 Resp: 33528

Ion Ratio Lower Upper

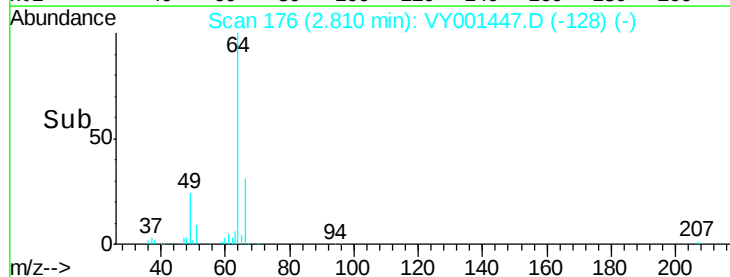
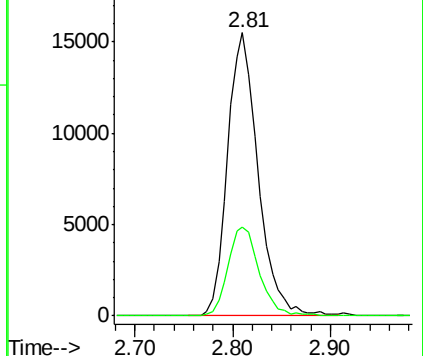
64 100

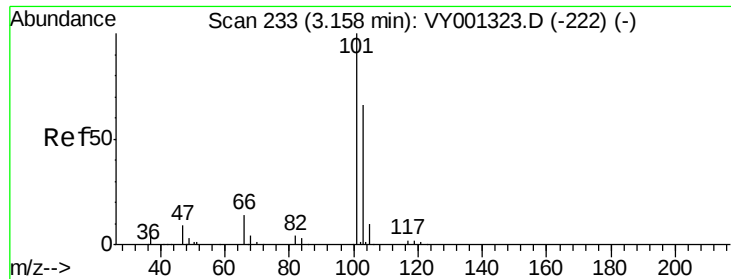
66 31.3 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

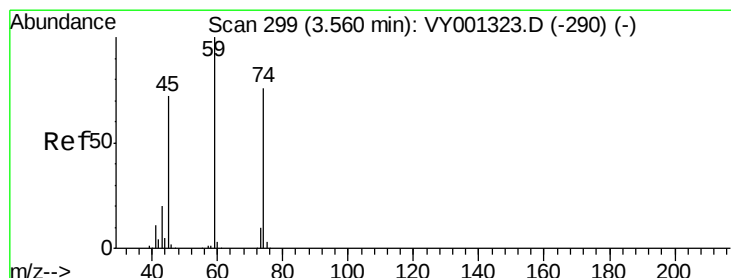
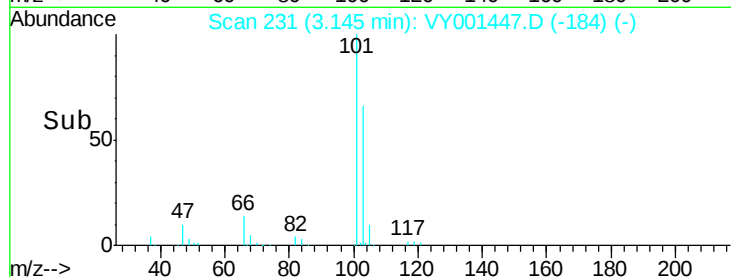
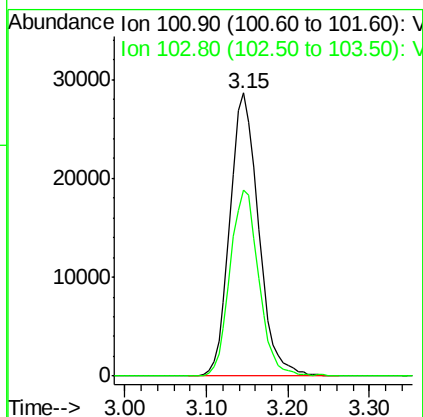
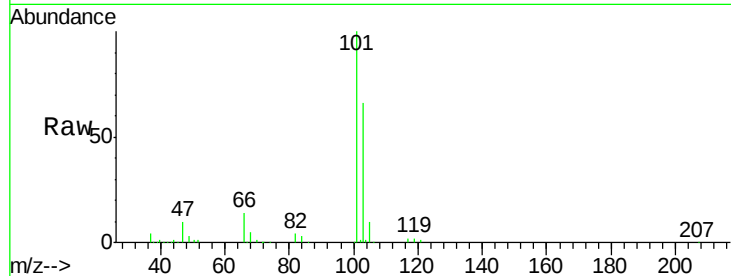
Trichlorofluoromethane
 Concen: 23.630 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. -0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.5	78.7

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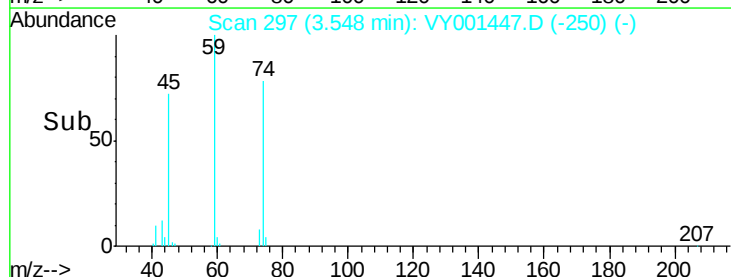
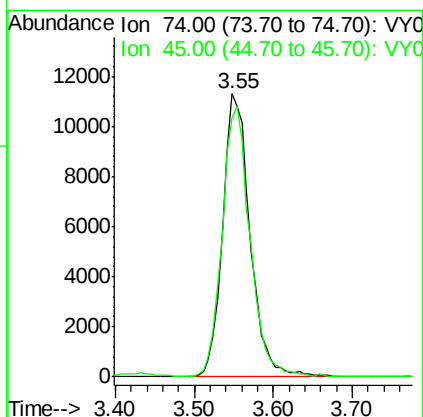
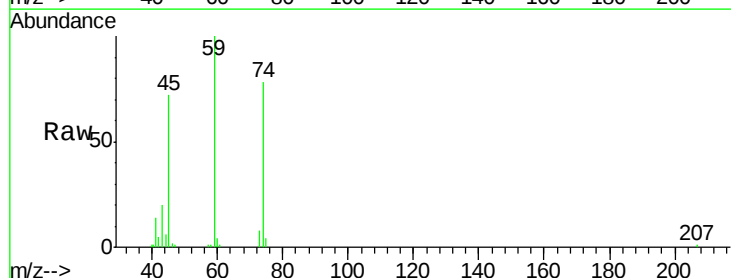
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 2/3/2020 10:53:09 AM



#8

Diethyl Ether
 Concen: 22.051 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.200 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.01 min

Lab File: VY001447.D

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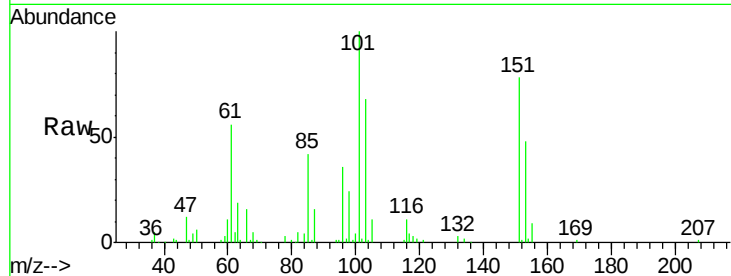
ClientSampleId :

VY0131SBS01

Tot Ion:	101	Resp:	45302
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.9	52.3
151	75.2	59.9	89.9

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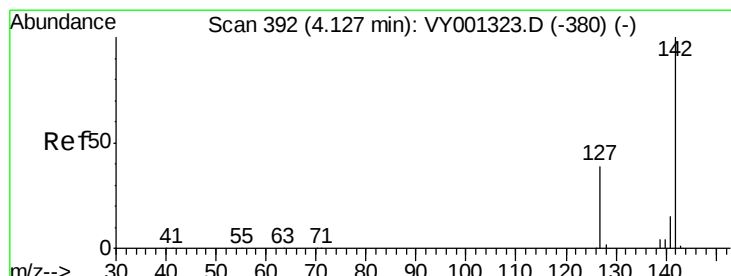
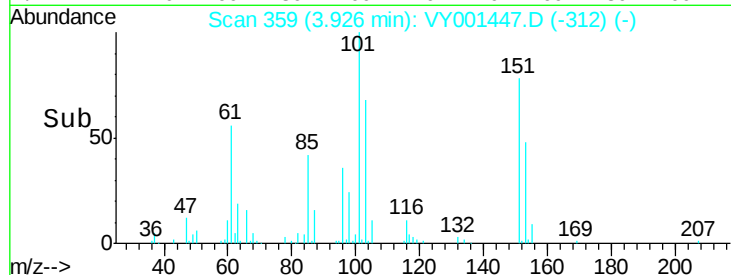
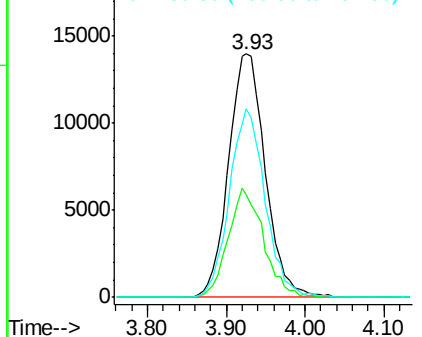
MMDadoda
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.656 ug/l

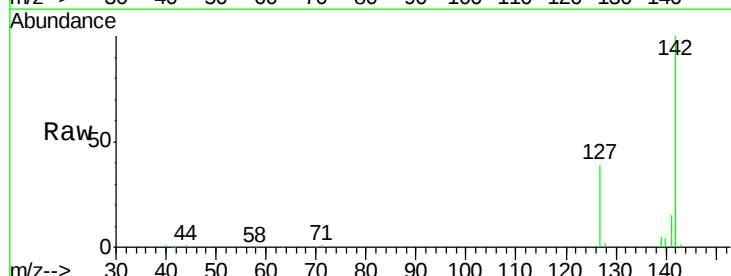
RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

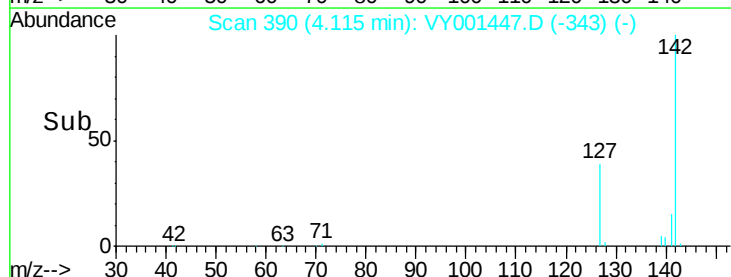
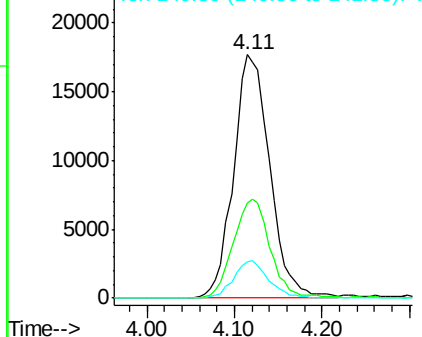
Tgt Ion:	142	Resp:	50999
Ion Ratio	Lower	Upper	
142	100		
127	41.1	31.6	47.4
141	14.7	11.2	16.8

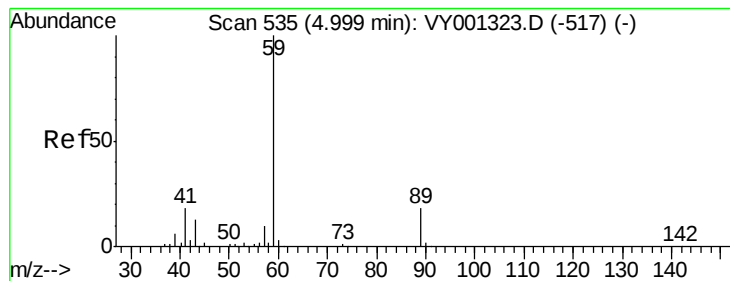


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

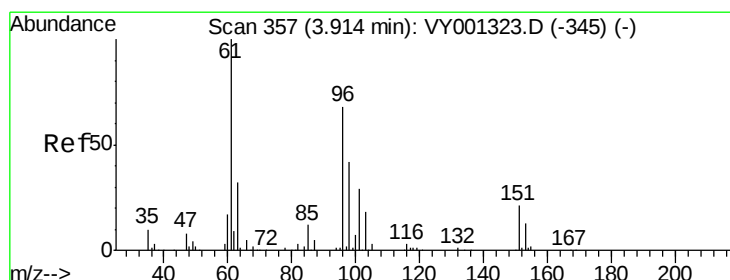
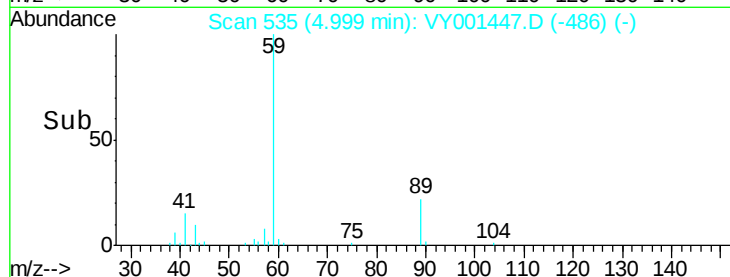
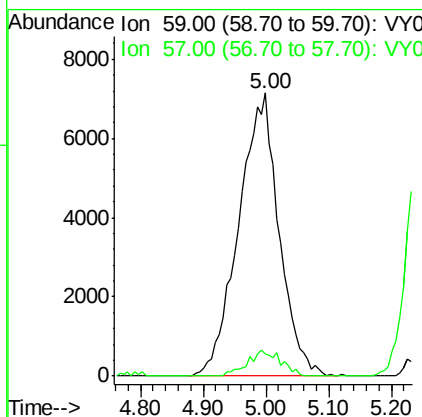
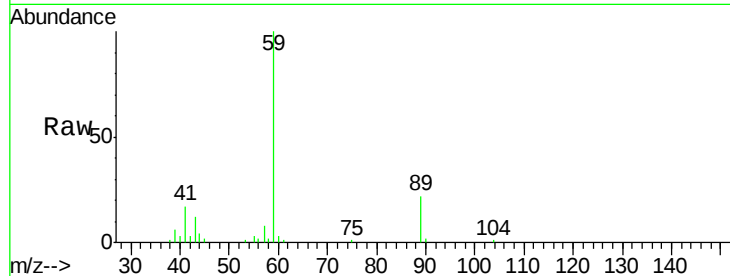
Tert butyl alcohol
Concen: 114.819 ug/l
RT: 5.00 min Scan# 535
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion	59	Resp	31688
Ion Ratio	100	Lower	Upper
57	7.4	7.4	11.2

Manual Integrations
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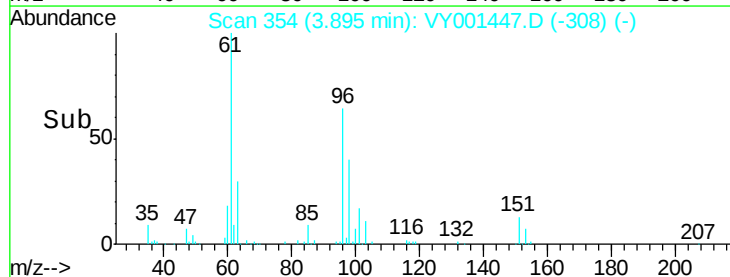
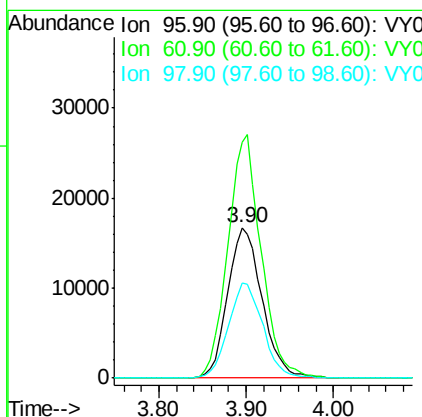
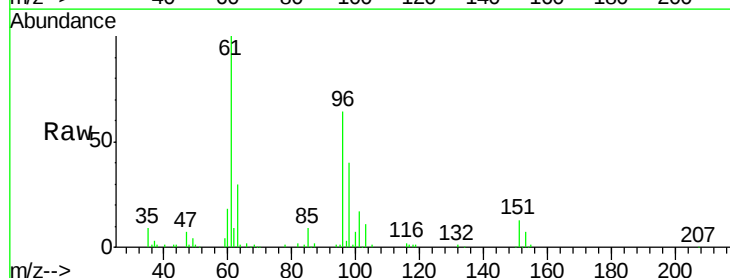
MMDadoda
2/3/2020 10:53:09 AM

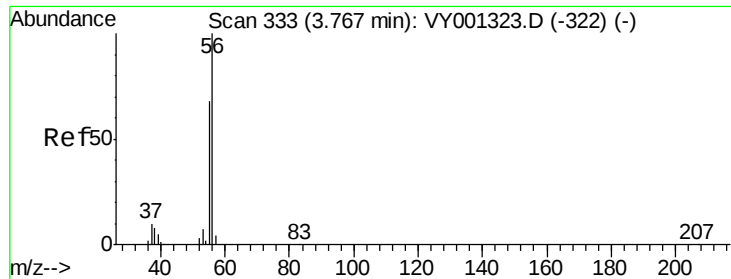


#12

1,1-Dichloroethene
Concen: 23.308 ug/l
RT: 3.90 min Scan# 354
Delta R.T. -0.02 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	96	Resp	45747
Ion Ratio	100	Lower	Upper
61	156.5	118.0	177.0
98	63.0	49.4	74.2





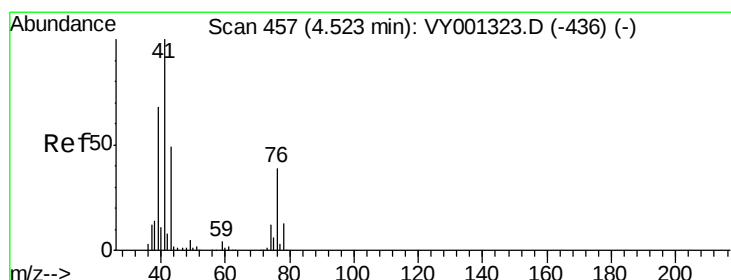
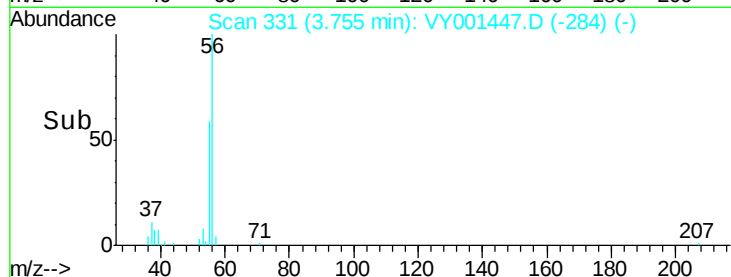
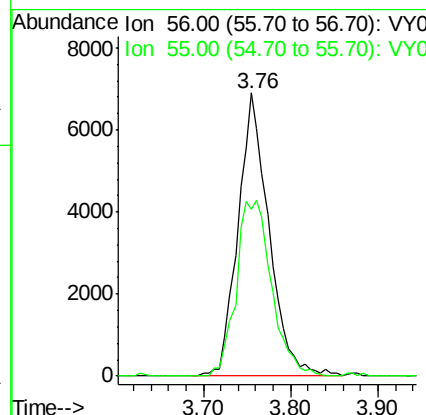
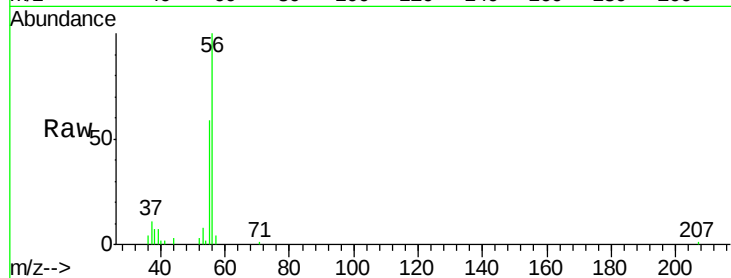
#13
Acrolein
Concen: 106.455 ug/l
RT: 3.76 min Scan# 331
Delta R.T. -0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.7	55.9	83.9

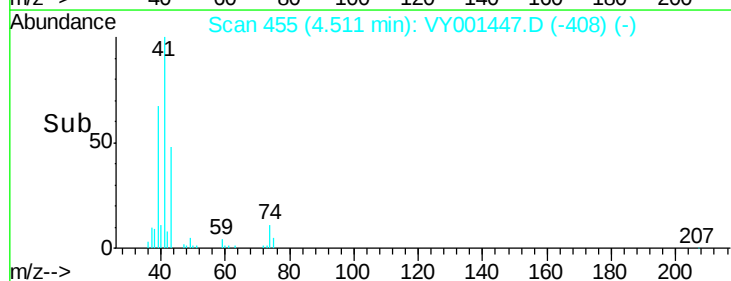
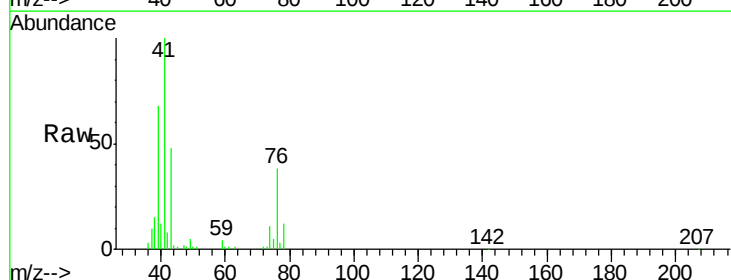
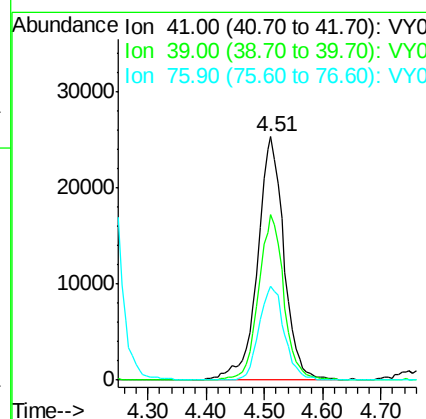
Manual Integrations
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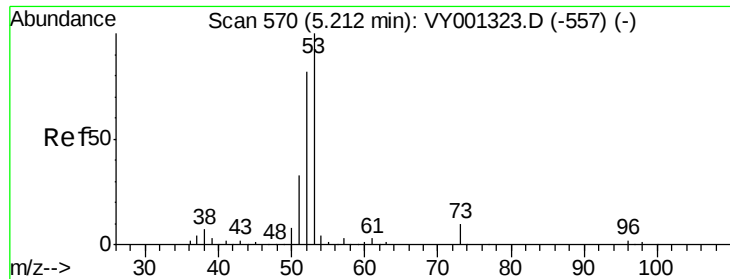
MMDadoda
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#14
Allyl chloride
Concen: 22.816 ug/l
RT: 4.51 min Scan# 455
Delta R.T. -0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.8	52.2	78.4
76	36.6	29.1	43.7





#15

Acrylonitrile

Concen: 110.808 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

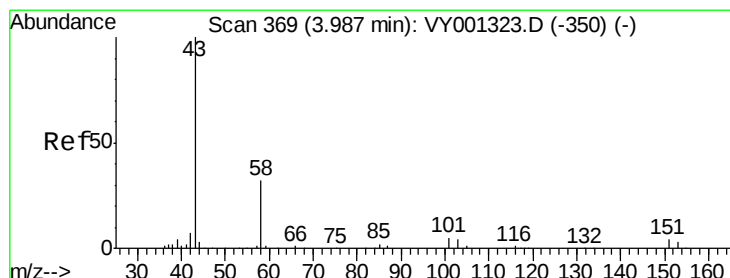
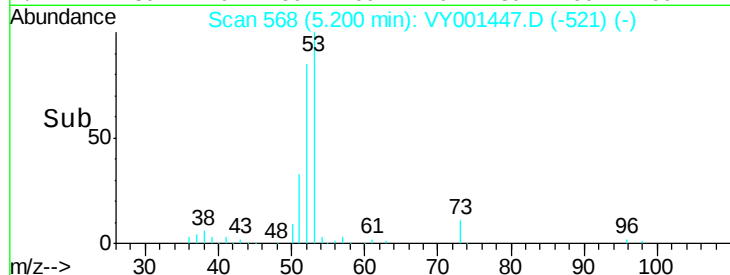
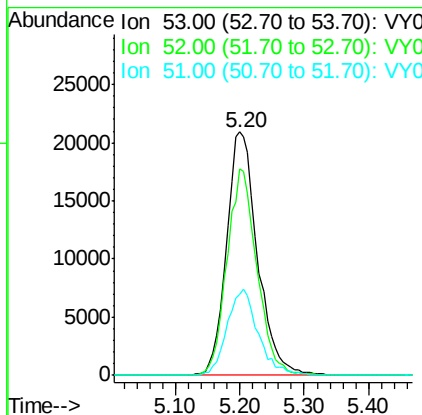
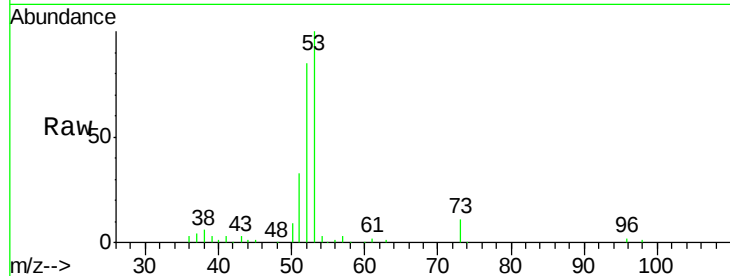
ClientSampleId :

VY0131SBS01

Tot Ion:	53	Resp:	70382
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.3	97.9
51	35.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 111.066 ug/l

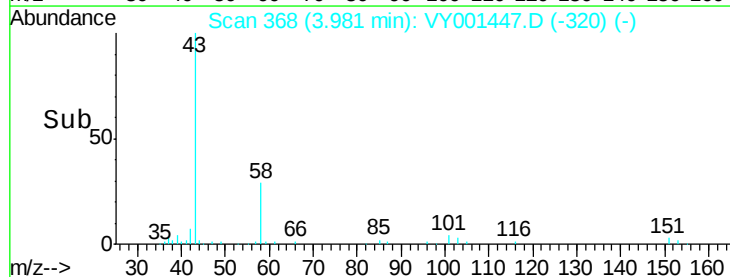
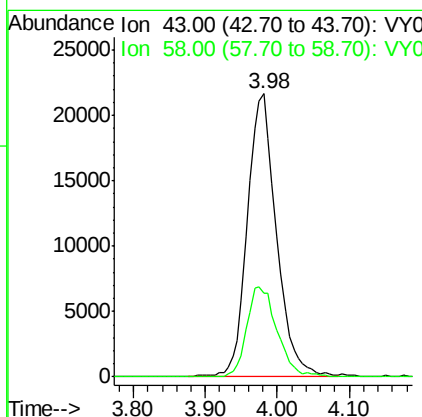
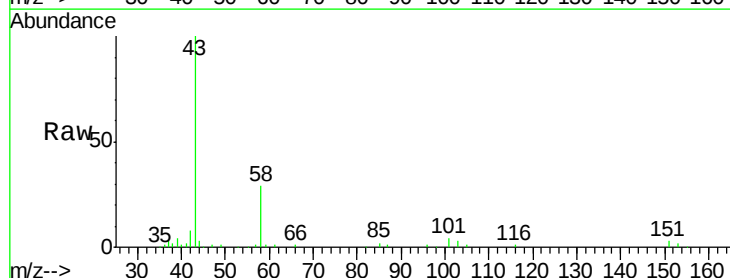
RT: 3.98 min Scan# 368

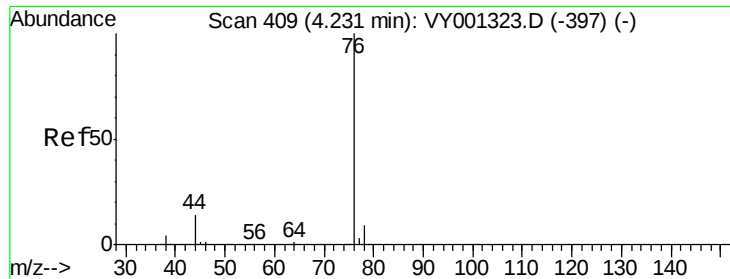
Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Tgt Ion:	43	Resp:	61086
Ion	Ratio	Lower	Upper
43	100		
58	29.5	25.4	38.0





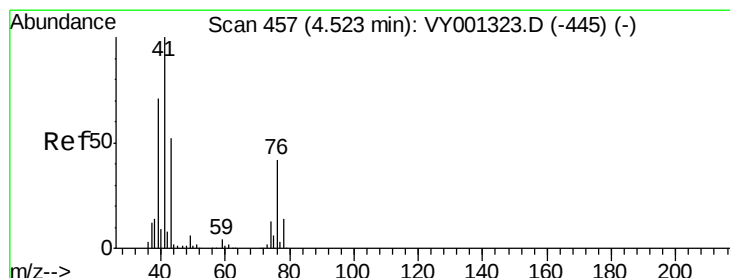
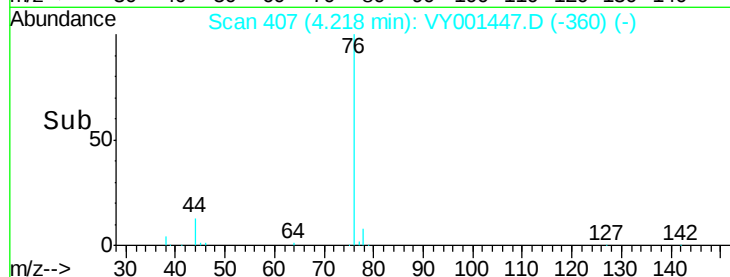
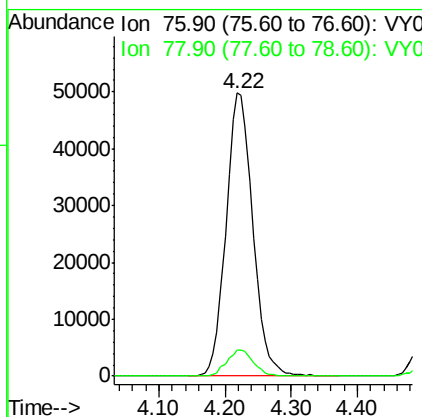
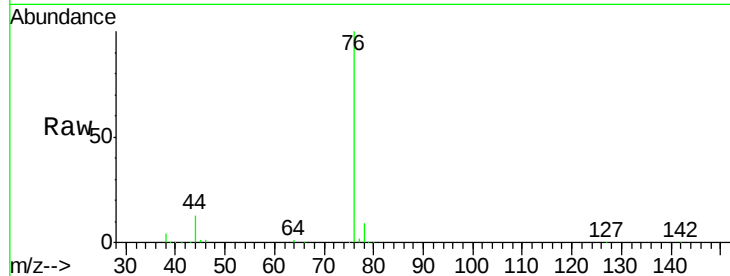
#17
Carbon Disulfide
Concen: 22.556 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion: 76 Resp: 139240
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

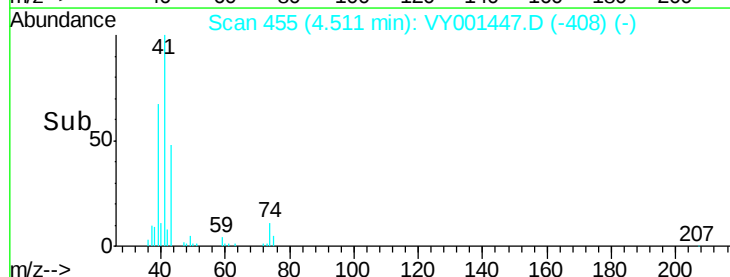
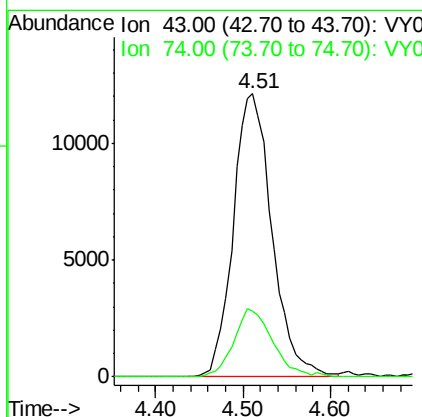
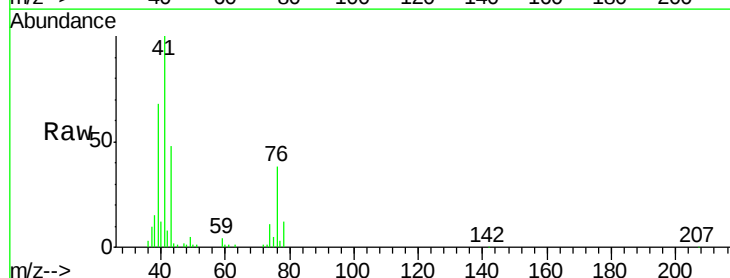
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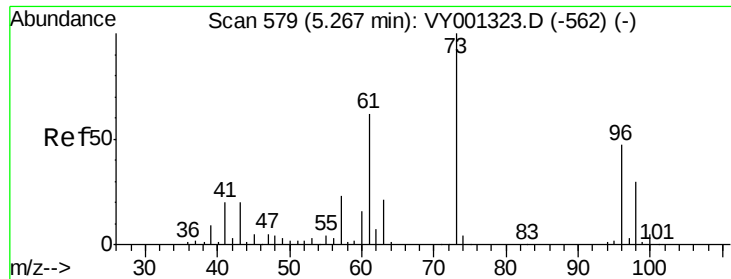
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#18
Methyl Acetate
Concen: 21.958 ug/l
RT: 4.51 min Scan# 455
Delta R.T. -0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion: 43 Resp: 37249
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2





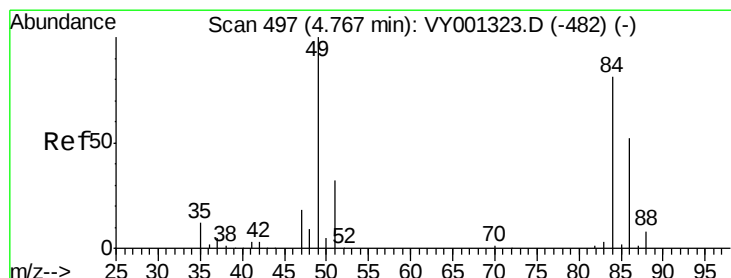
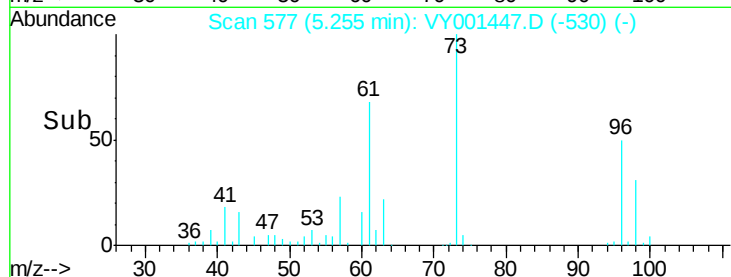
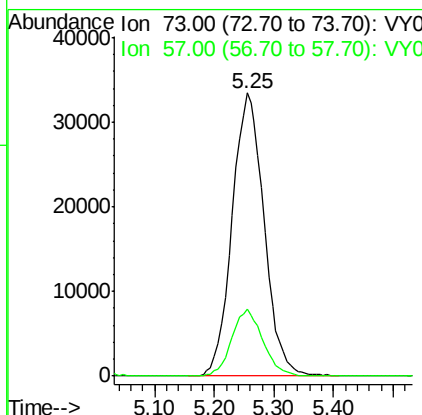
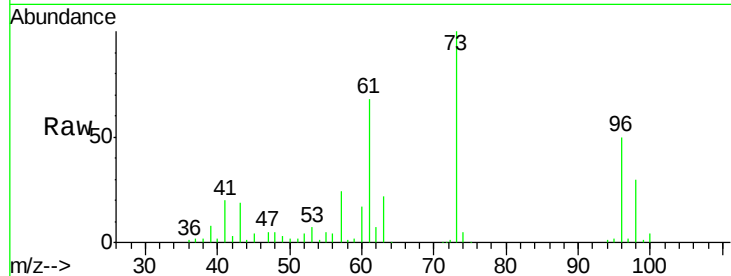
#19
Methvl tert-butvl Ether
Concen: 21.661 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion: 73 Resp: 124485
Ion Ratio Lower Upper
73 100
57 23.7 18.2 27.2

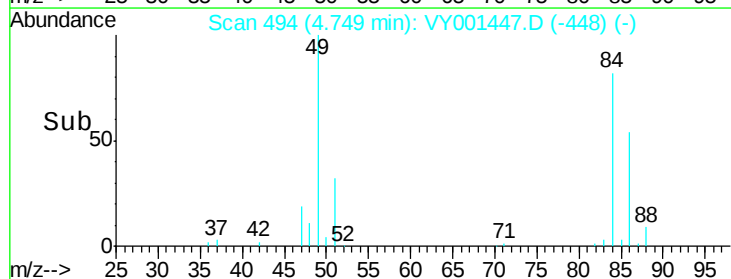
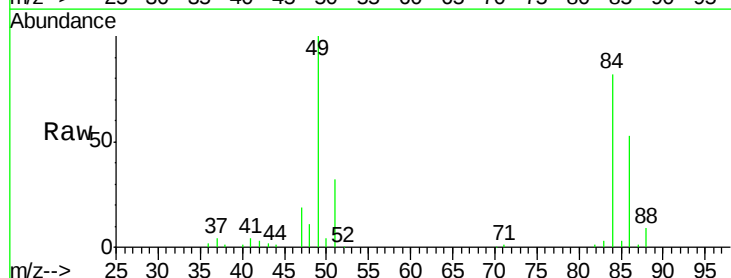
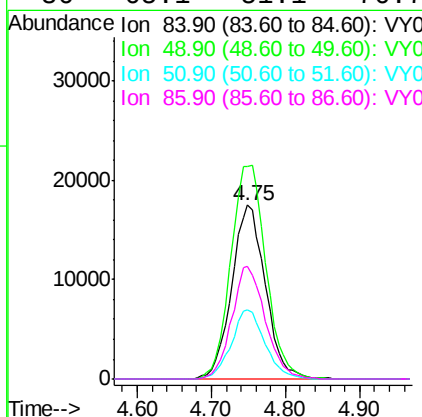
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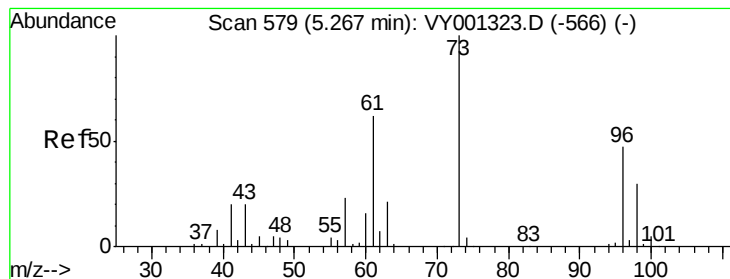
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#20
Methylene Chloride
Concen: 19.809 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.02 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion: 84 Resp: 55563
Ion Ratio Lower Upper
84 100
49 122.4 98.3 147.5
51 39.8 31.6 47.4
86 65.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 22.535 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.02 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

Tot Ion: 96 Resp: 51378

Ion Ratio Lower Upper

96 100

61 124.4 106.8 160.2

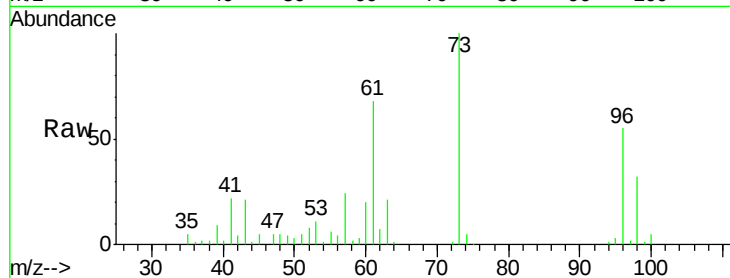
98 58.7 51.0 76.6

Manual Integrations

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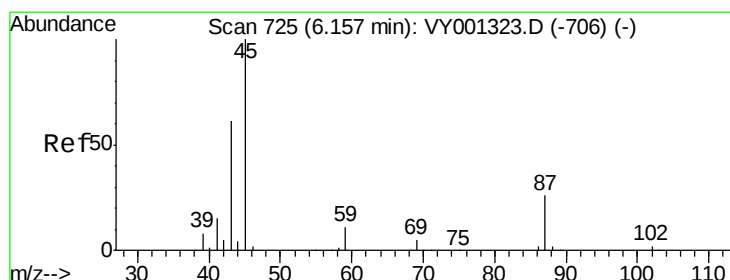
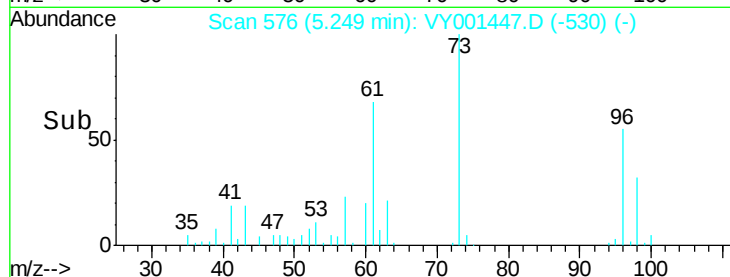
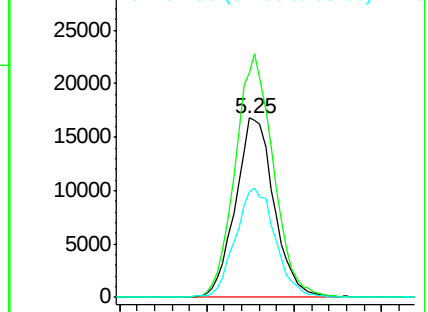


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.137 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Tgt Ion: 45 Resp: 164539

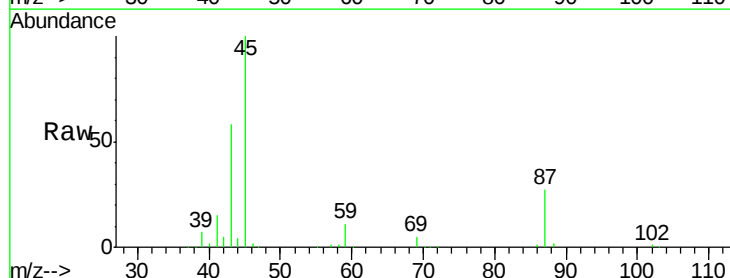
Ion Ratio Lower Upper

45 100

43 57.7 49.2 73.8

87 26.9 21.4 32.2

59 11.0 9.3 13.9



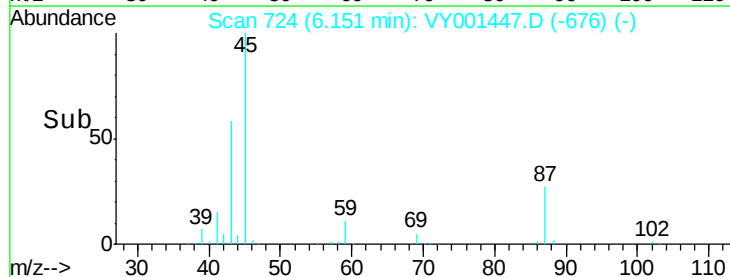
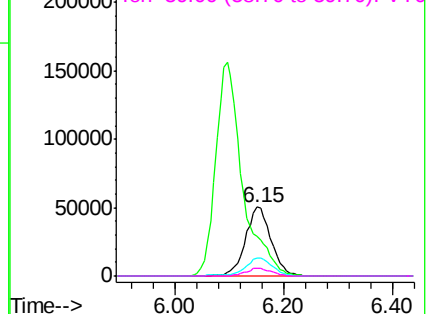
Abundance

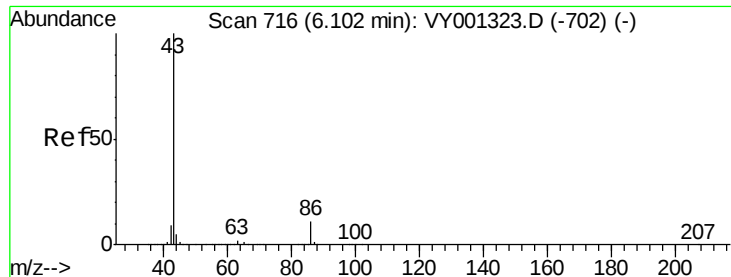
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 110.330 ug/l

RT: 6.10 min Scan# 715

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

Tot Ion: 43 Resp: 532381

Ion Ratio Lower Upper

43 100

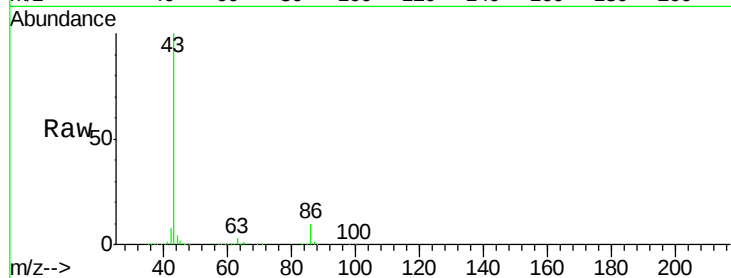
86 10.3 8.6 13.0

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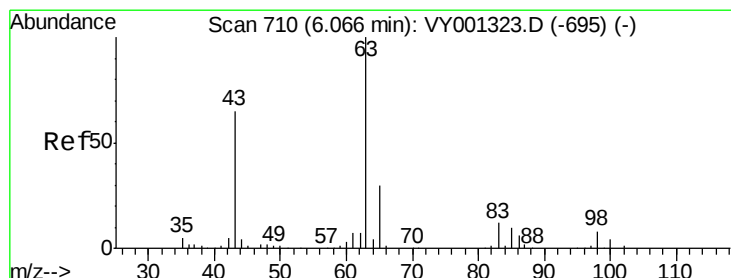
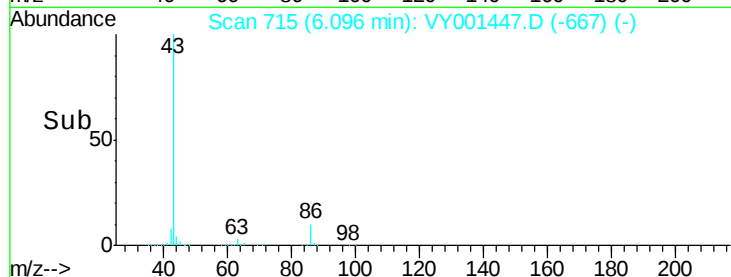
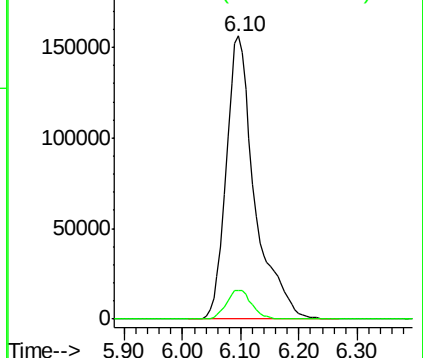
MMDadoda

2/3/2020 10:53:09 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.790 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

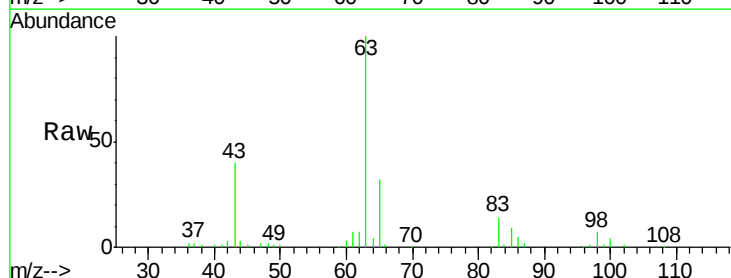
Tgt Ion: 63 Resp: 89283

Ion Ratio Lower Upper

63 100

98 6.9 4.0 12.0

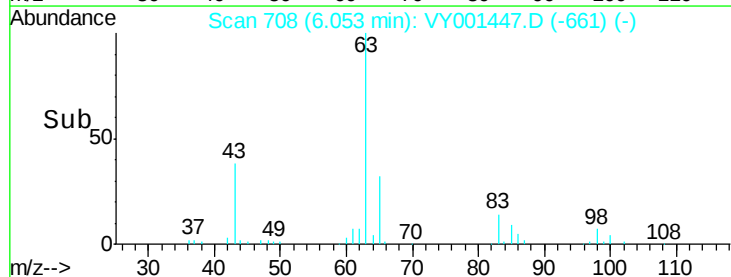
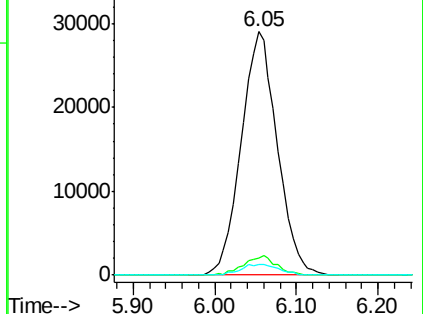
100 4.3 2.1 6.3

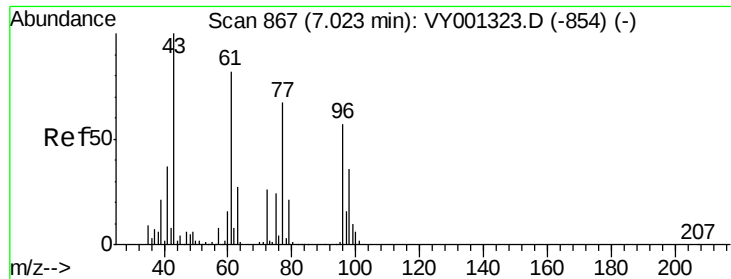


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 110.632 ug/l

RT: 7.02 min Scan# 867

Delta R.T. -0.00 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

Tot Ion: 43 Resp: 96862

Ion Ratio Lower Upper

43 100

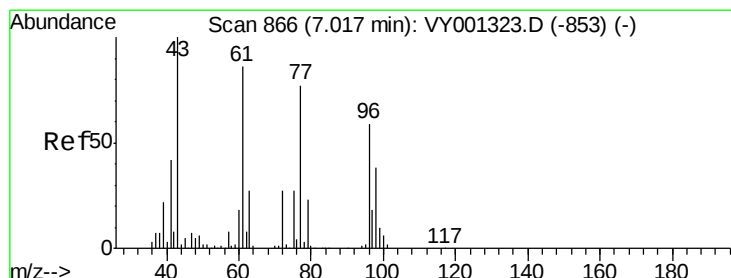
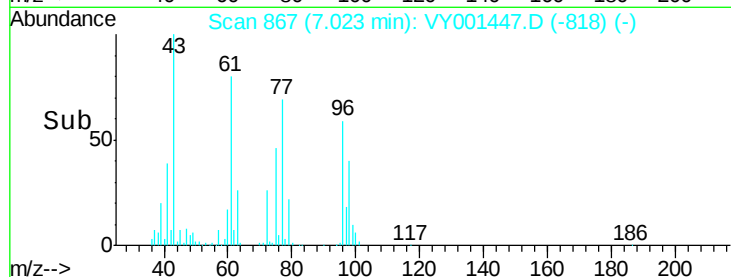
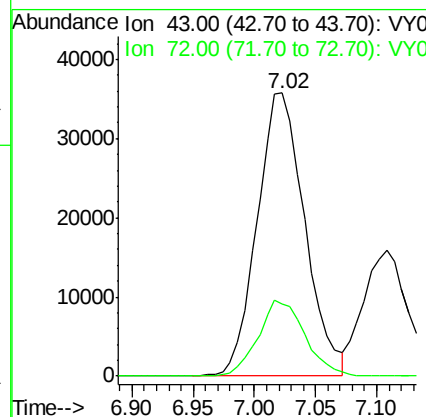
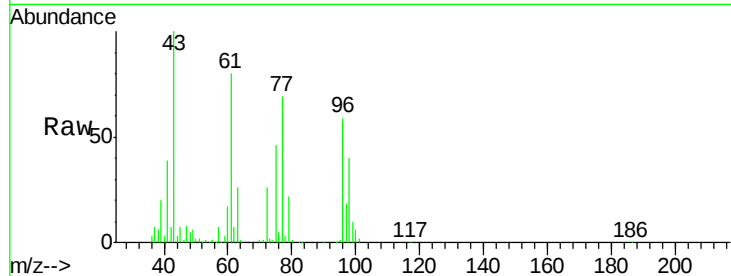
72 25.5 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 22.578 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001447.D

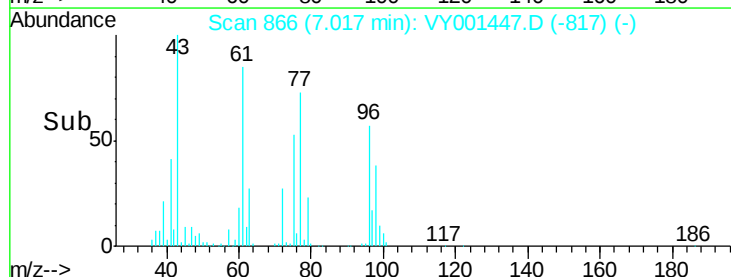
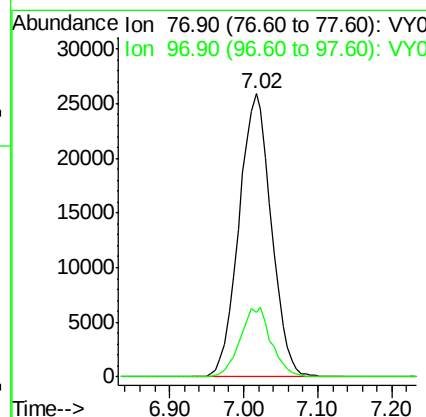
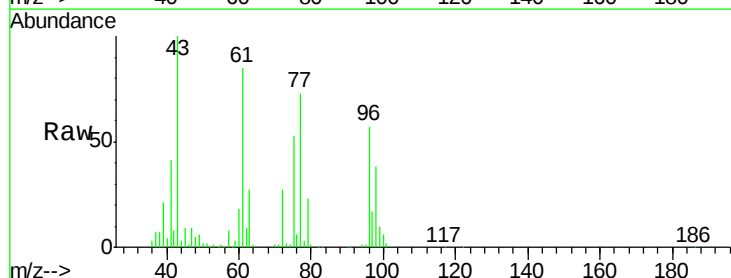
Acq: 31 Jan 2020 12:11

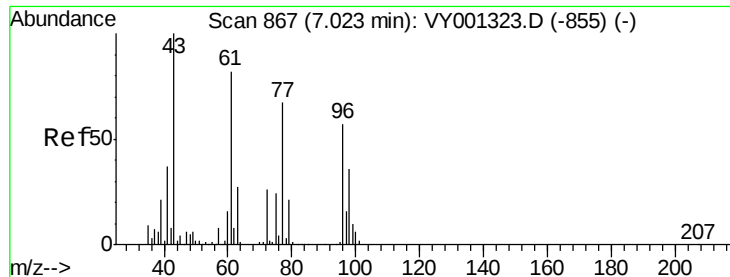
Tgt Ion: 77 Resp: 78792

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5





#27

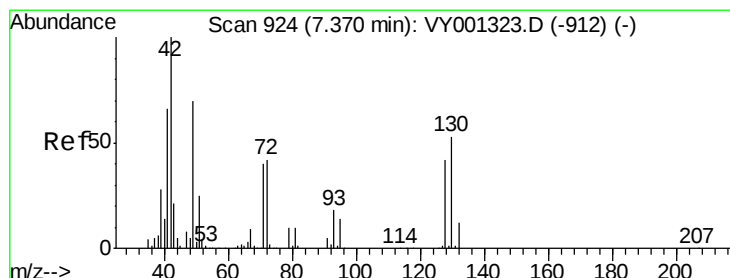
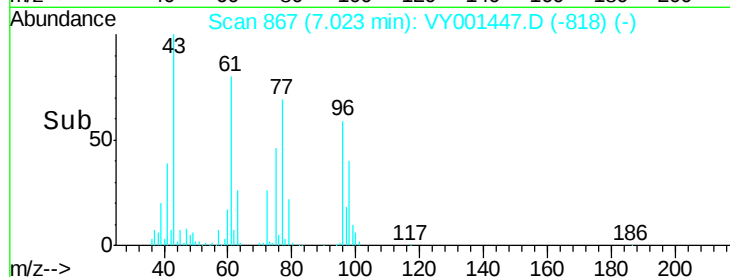
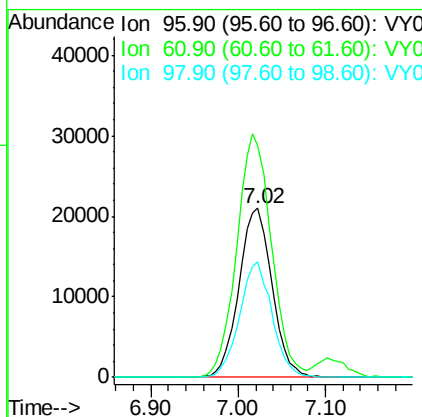
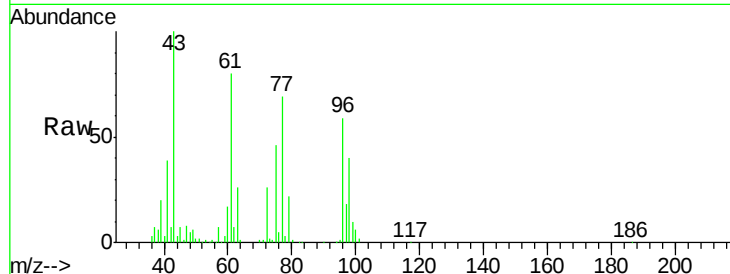
cis-1,2-Dichloroethene
Concen: 21.767 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	150.2	0.0	284.8	
98	66.6	0.0	128.4	

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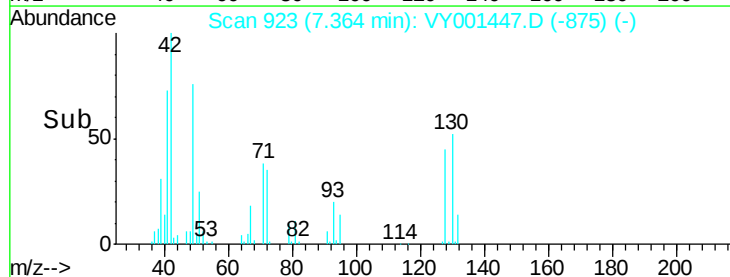
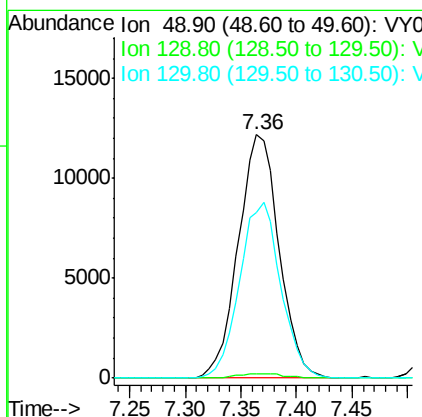
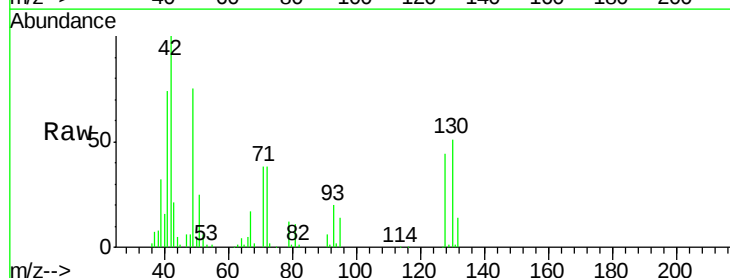
MMDadoda
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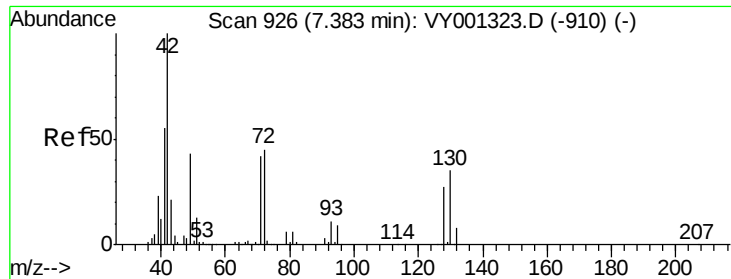


#28

Bromochloromethane
Concen: 19.179 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.0	
130	72.8	58.9	88.3	





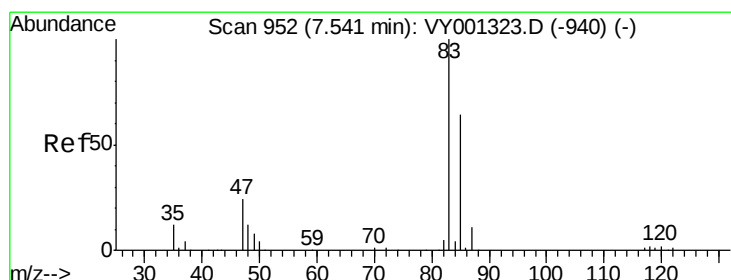
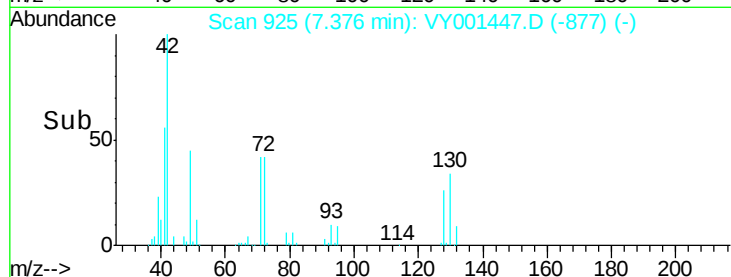
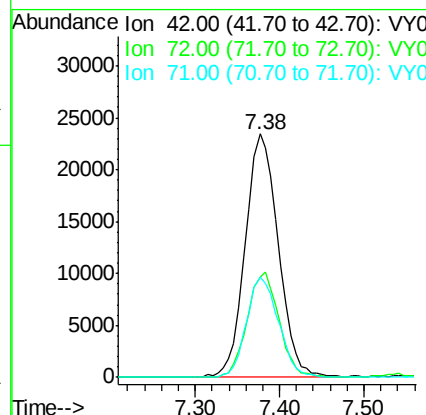
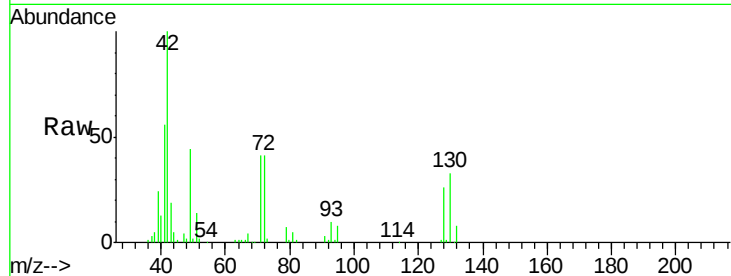
#29
Tetrahydrofuran
Concen: 109.272 ug/l
RT: 7.38 min Scan# 925
Delta R.T. -0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	34.6	51.8
71	39.7	32.6	48.8

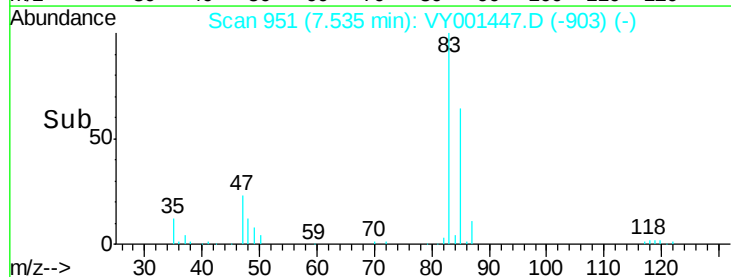
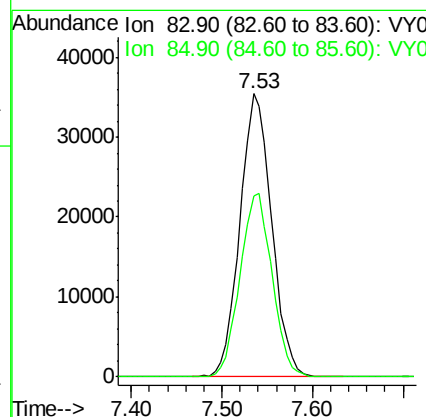
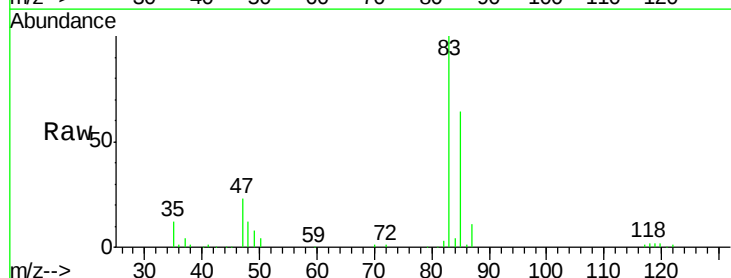
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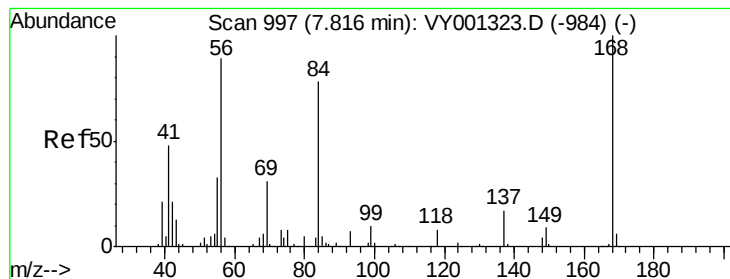
MMDadoda
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#30
Chloroform
Concen: 22.374 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.5	77.3





#31

Cyclohexane

Concen: 23.302 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

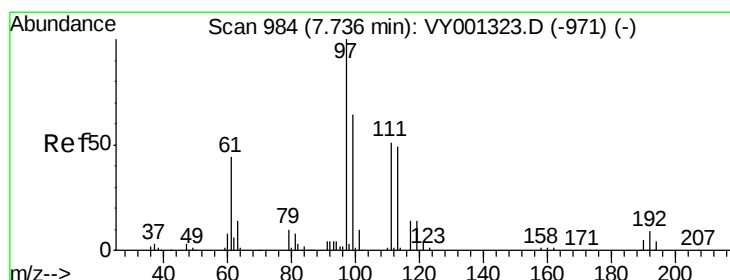
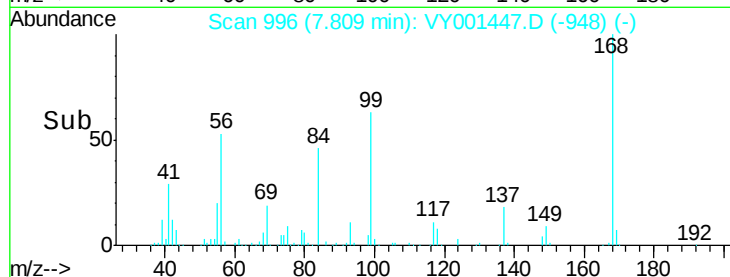
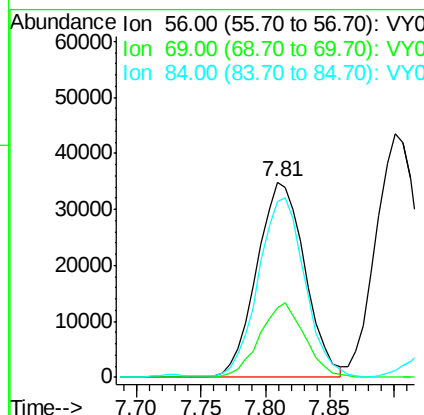
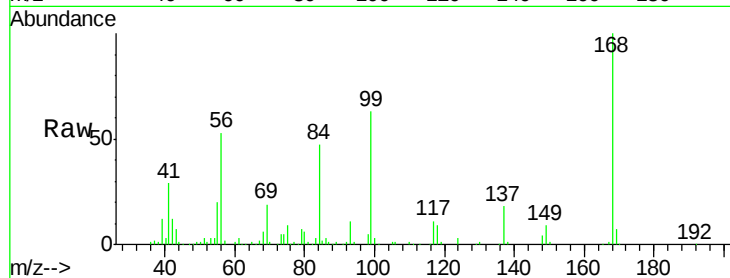
ClientSampleId :

VY0131SBS01

Tot Ion:	56	Resp:	90638
Ion	Ratio	Lower	Upper
56	100		
69	35.6	27.6	41.4
84	88.6	69.7	104.5

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#32

1,1,1-Trichloroethane

Concen: 22.826 ug/l

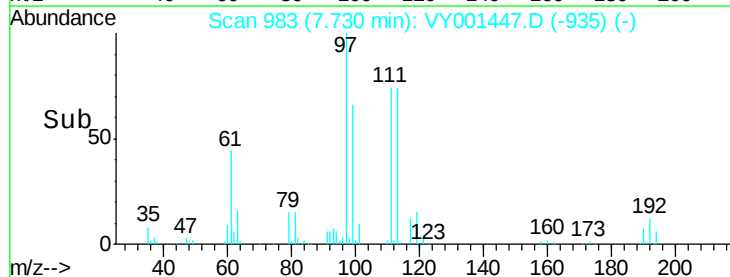
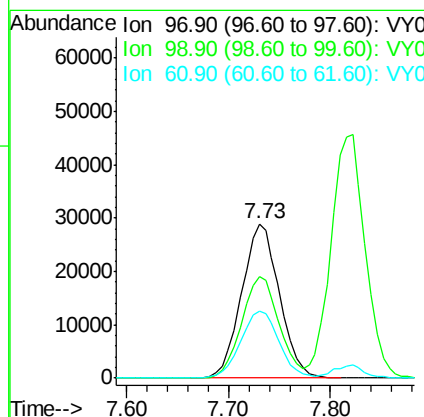
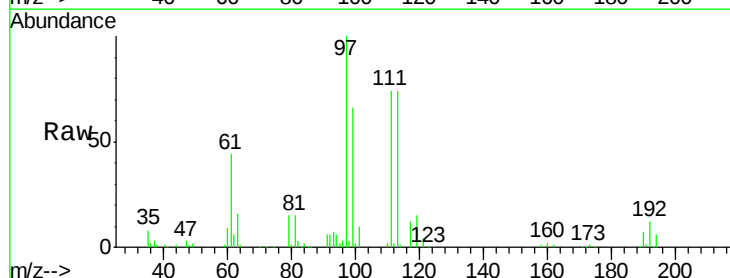
RT: 7.73 min Scan# 983

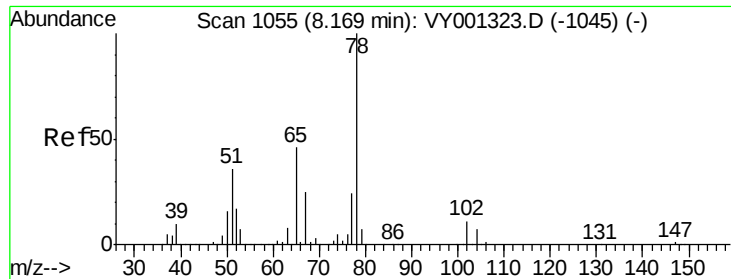
Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Tgt Ion:	97	Resp:	74011
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.3	76.9
61	44.4	35.9	53.9





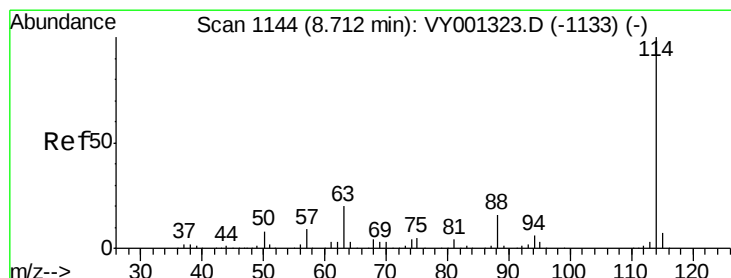
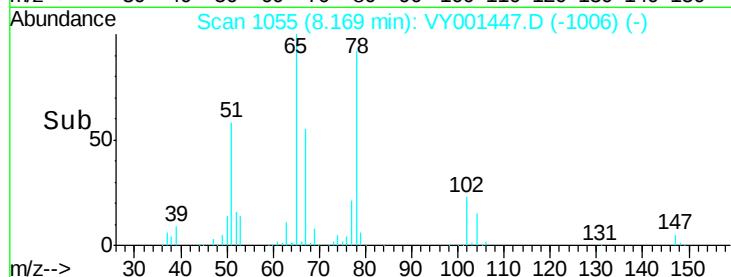
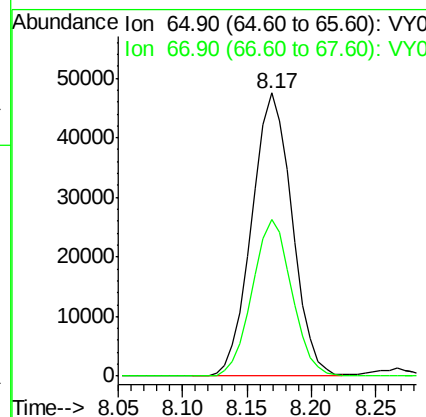
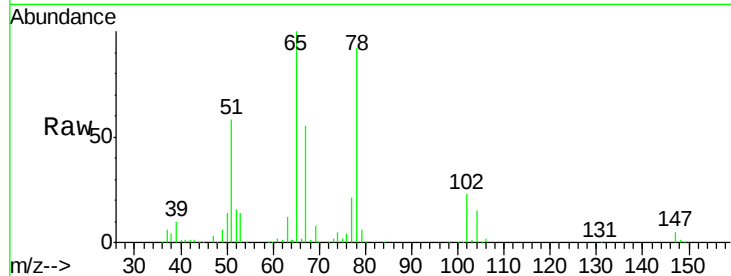
#33
 1,2-Dichloroethane-d4
 Concen: 51.193 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	102977		
67	54.1	0.0	108.6	

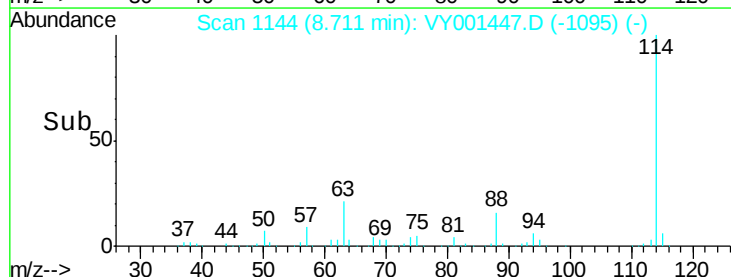
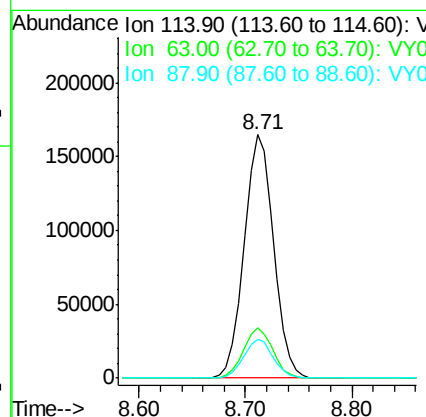
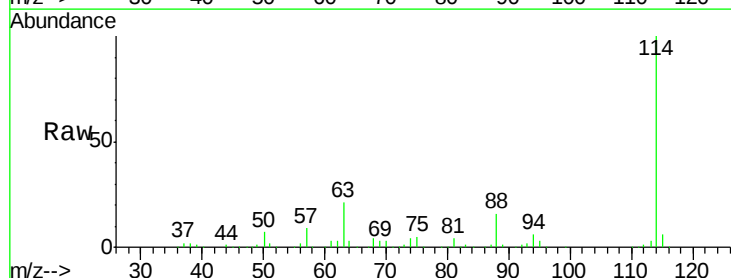
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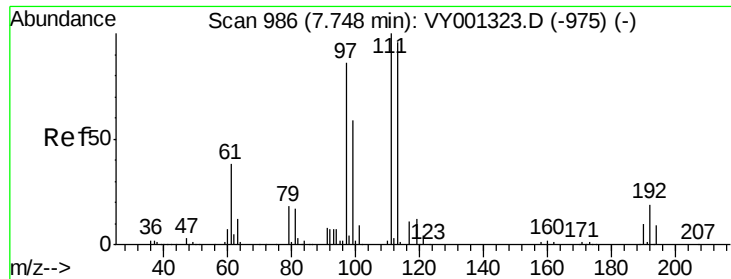
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	319916		
63	20.6	0.0	40.8	
88	15.9	0.0	31.0	





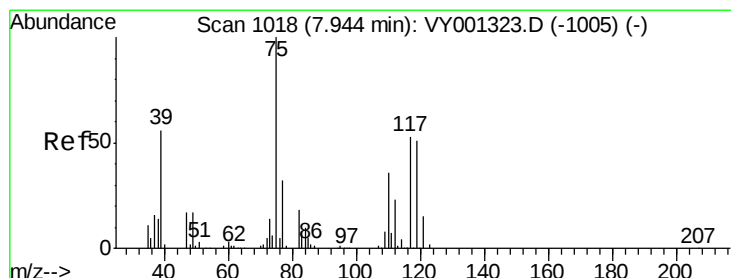
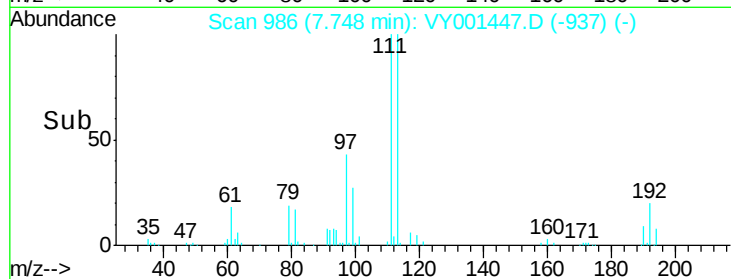
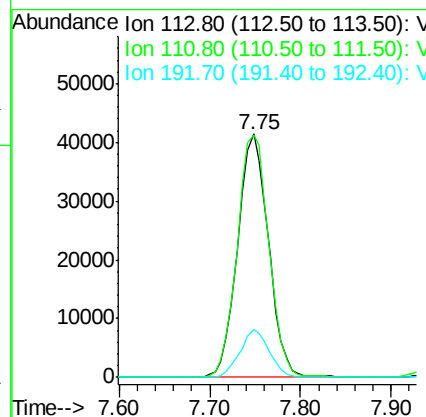
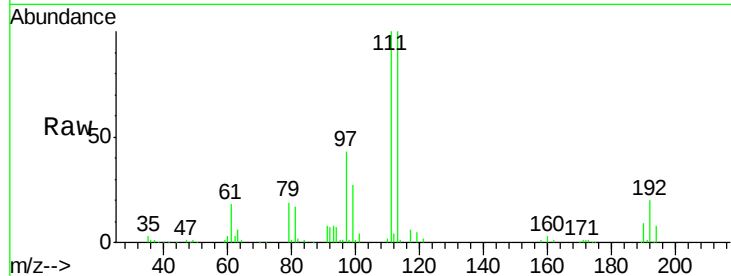
#35
 Dibromofluoromethane
 Concen: 51.986 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	18.6	15.5	23.3

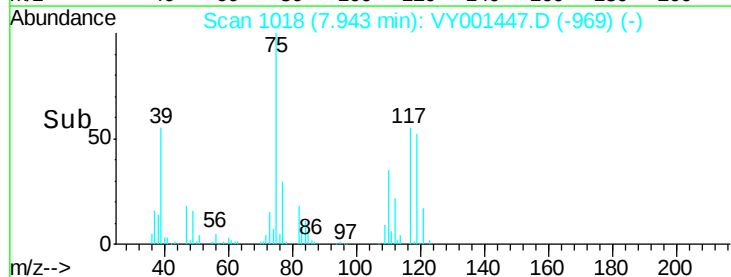
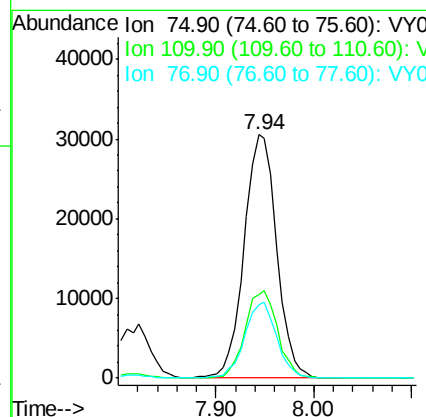
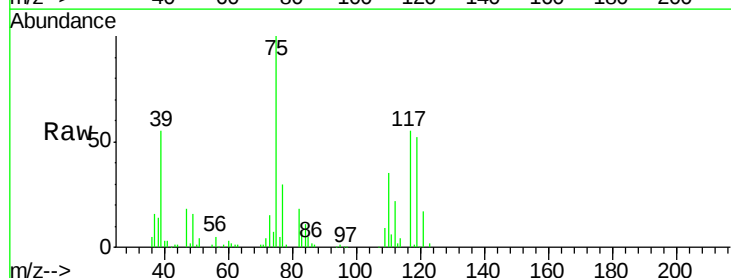
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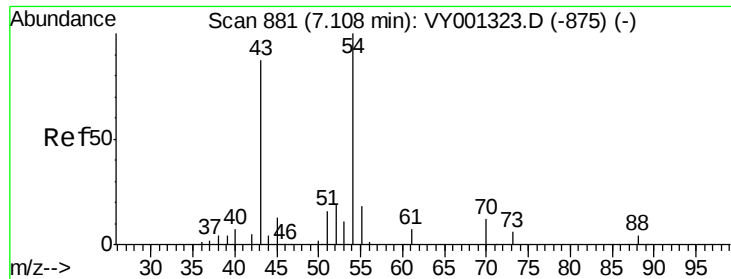
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#36
 1,1-Dichloropropene
 Concen: 23.269 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.6	52.8
77	30.7	24.7	37.1





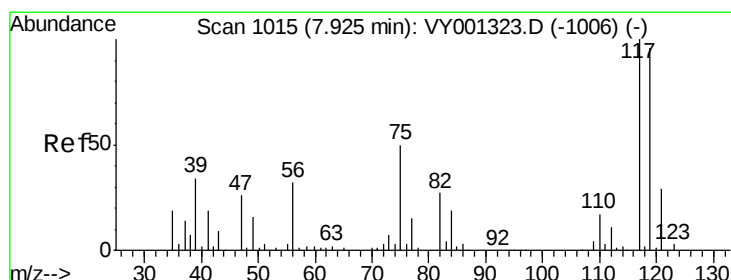
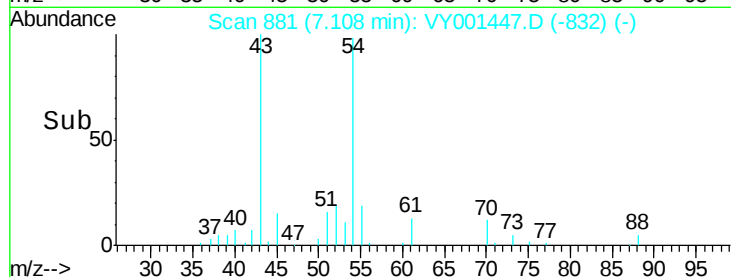
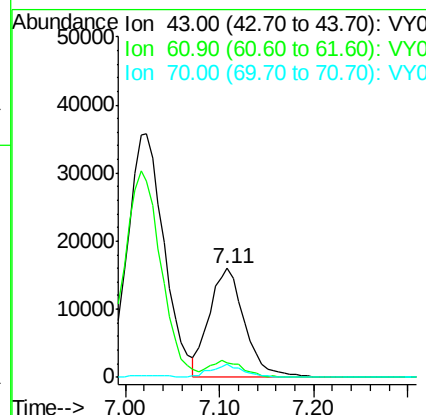
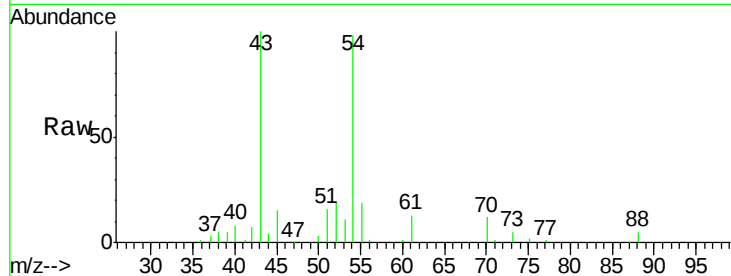
#37
Ethyl Acetate
Concen: 22.475 ug/l
RT: 7.11 min Scan# 881
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.3	16.9
70	11.0	8.7	13.1

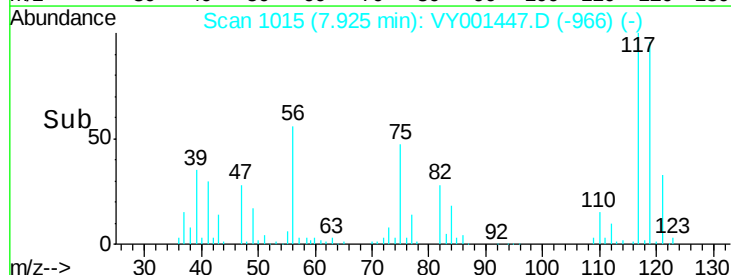
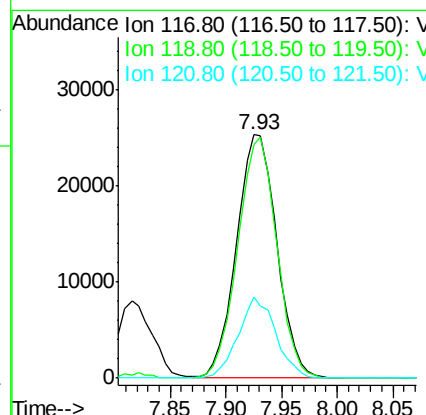
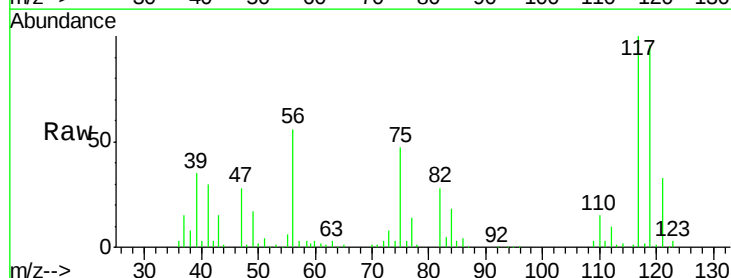
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#38
Carbon Tetrachloride
Concen: 23.713 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.3	114.5
121	33.2	23.5	35.3





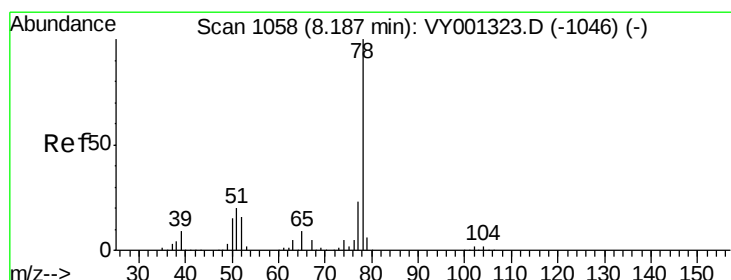
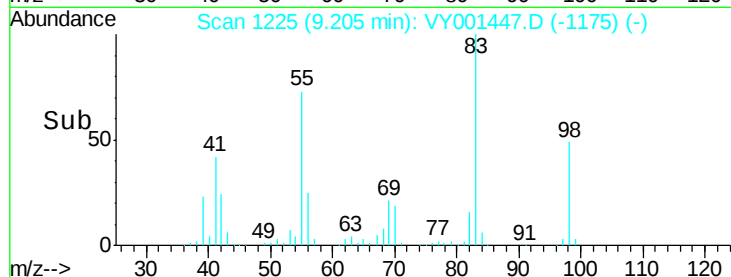
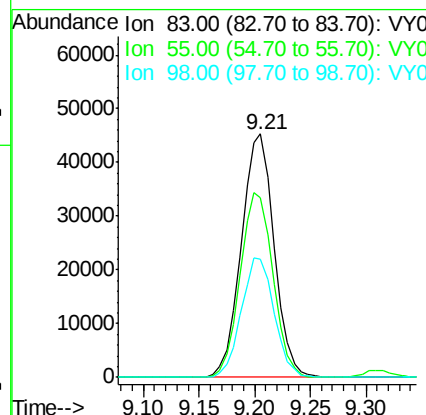
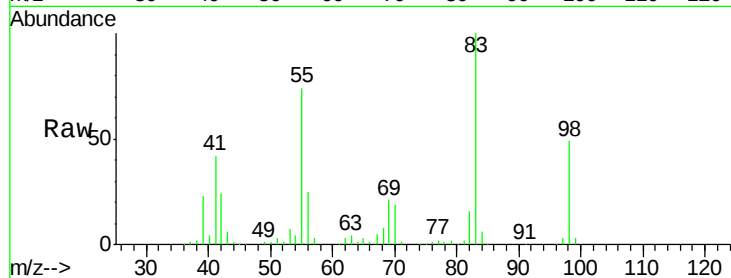
#39
Methvlcvclohexane
Concen: 23.807 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	60.7	91.1
98	48.7	37.8	56.8

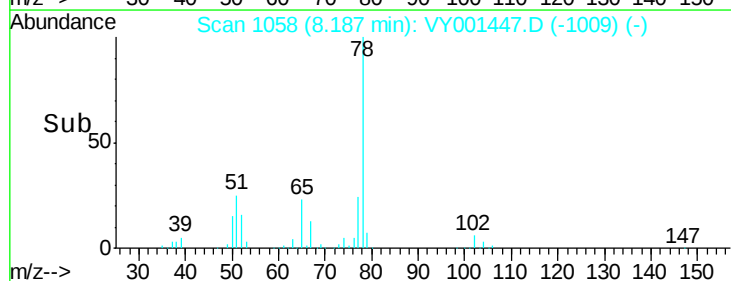
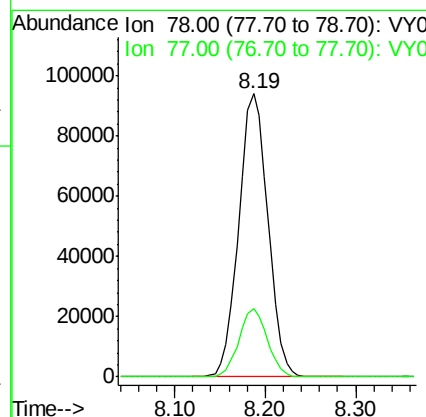
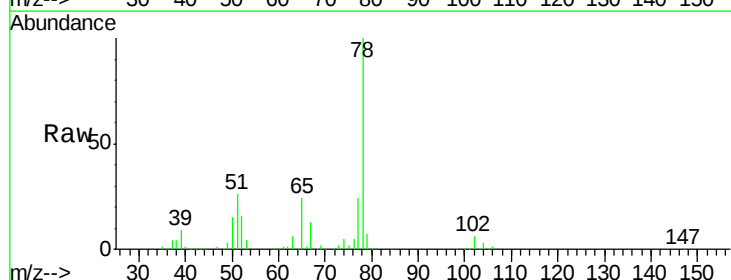
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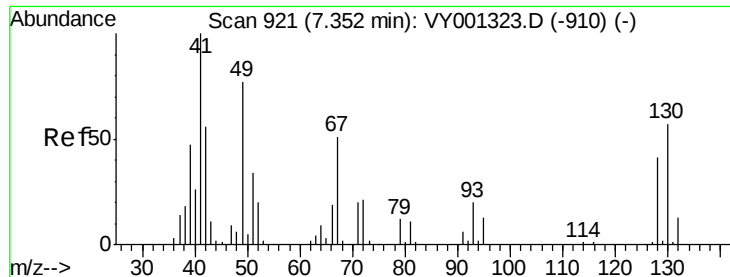
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#40
Benzene
Concen: 23.121 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	27.8





#41

Methacrylonitrile

Concen: 18.364 ug/l m

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

Tot Ion: 41 Resp: 17499

Ion Ratio Lower Upper

41 100

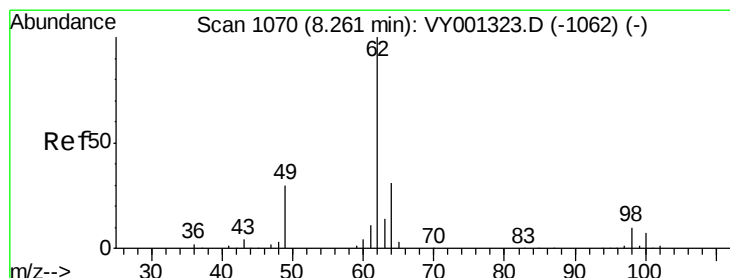
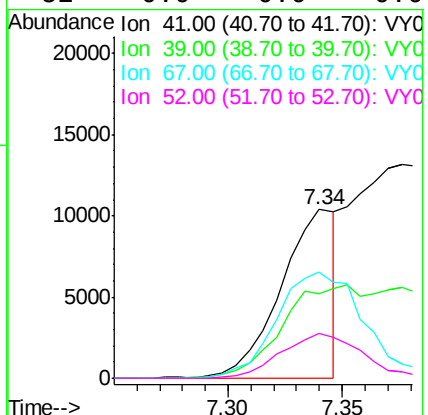
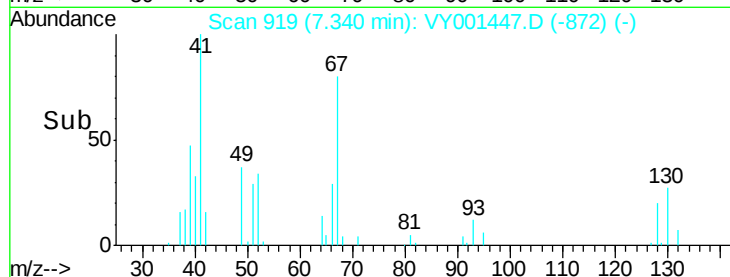
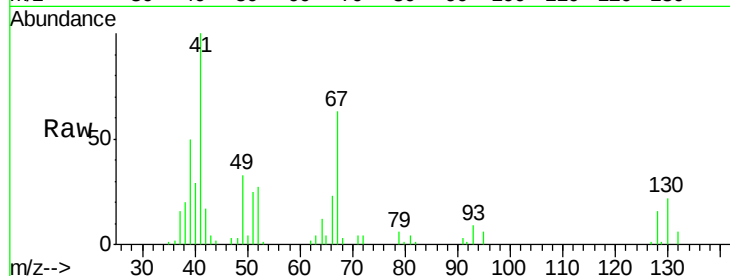
39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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MMDadoda
2/3/2020 10:53:09 AM



#42

1,2-Dichloroethane

Concen: 22.681 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VY001447.D

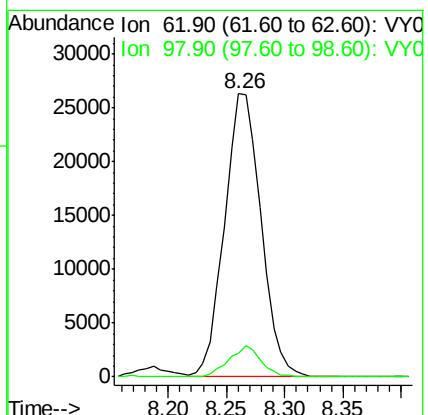
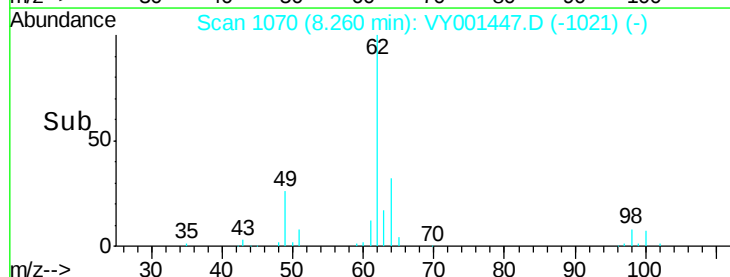
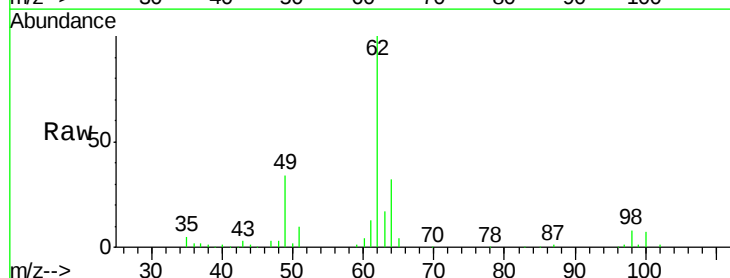
Acq: 31 Jan 2020 12:11

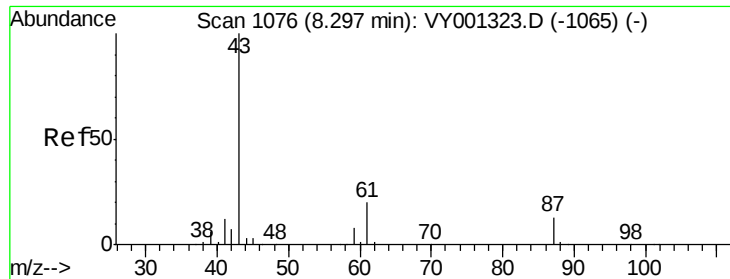
Tgt Ion: 62 Resp: 57432

Ion Ratio Lower Upper

62 100

98 9.7 0.0 20.8





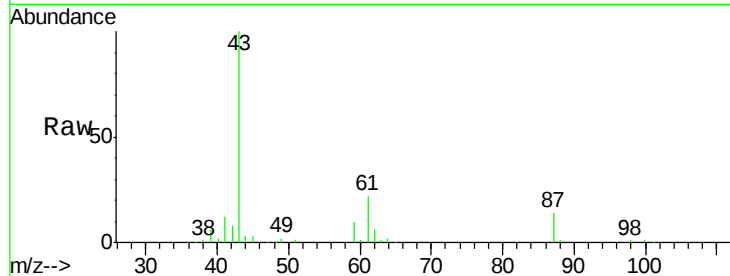
#43
Isopropyl Acetate
Concen: 22.346 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

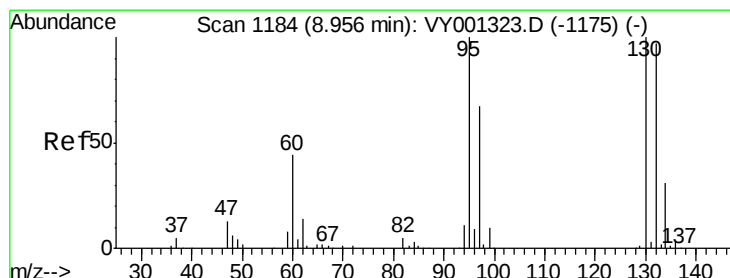
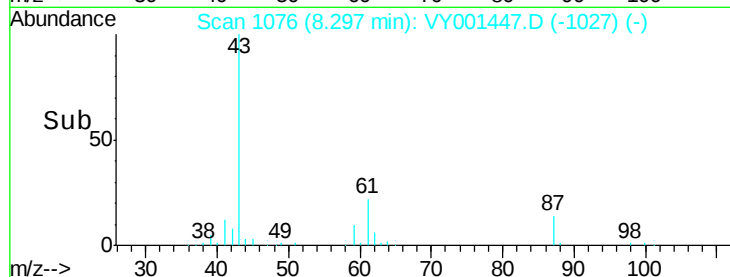
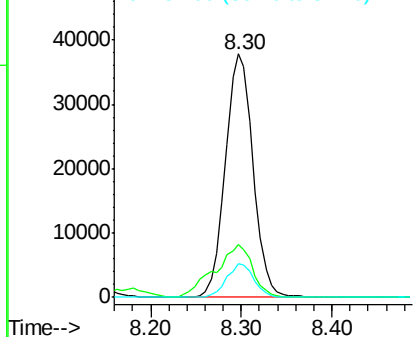
Tot Ion	Ratio	Lower	Upper
43	100		
61	29.2	22.7	34.1
87	13.7	11.0	16.4

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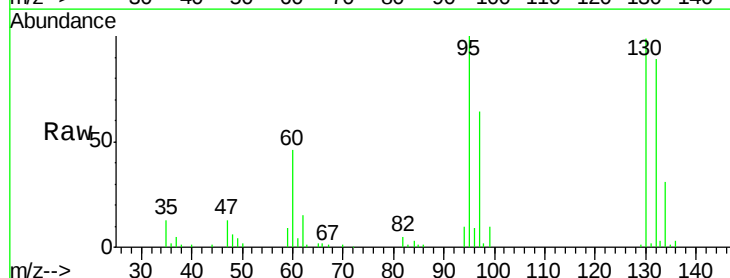


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

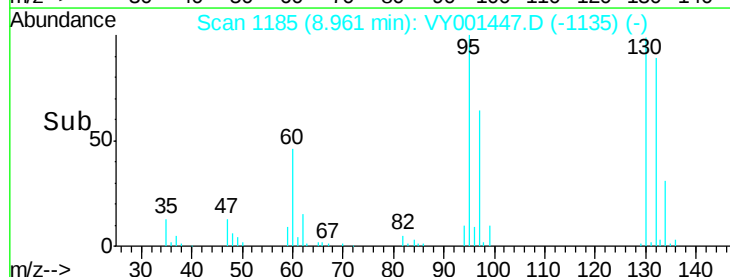
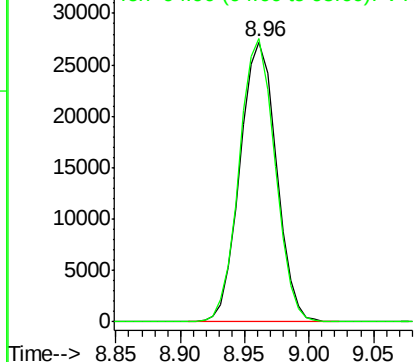


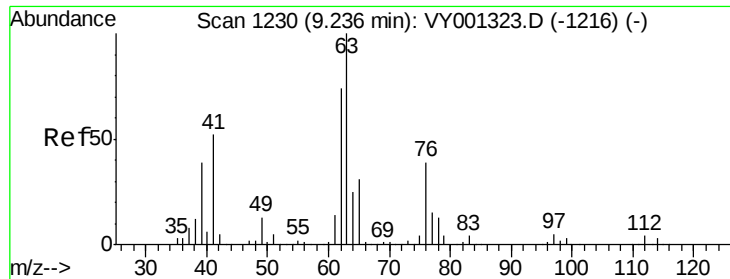
#44
Trichloroethene
Concen: 22.910 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	200.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





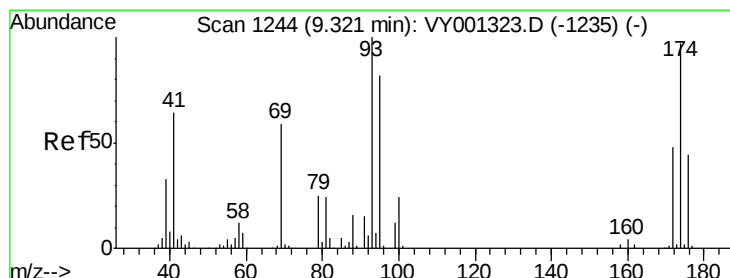
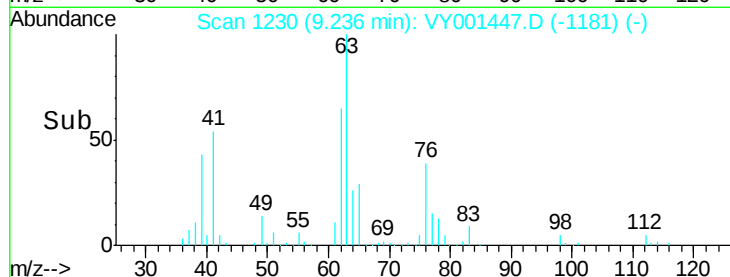
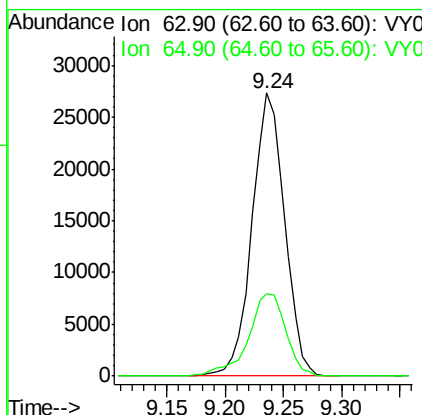
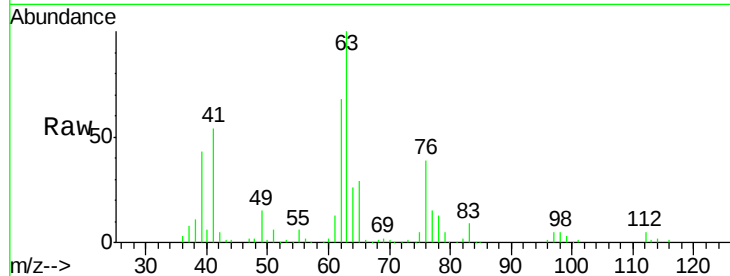
#45
 1,2-Dichloropropane
 Concen: 23.163 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.3	24.9	37.3

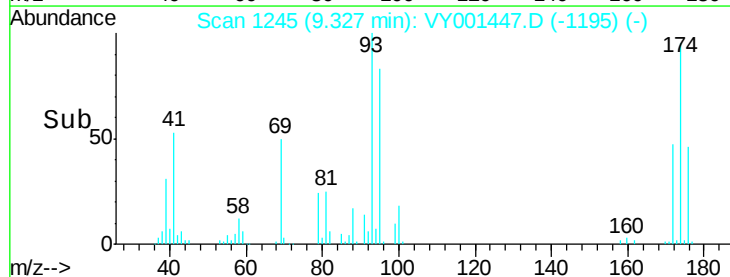
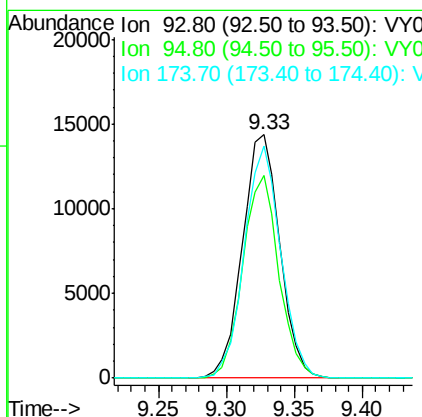
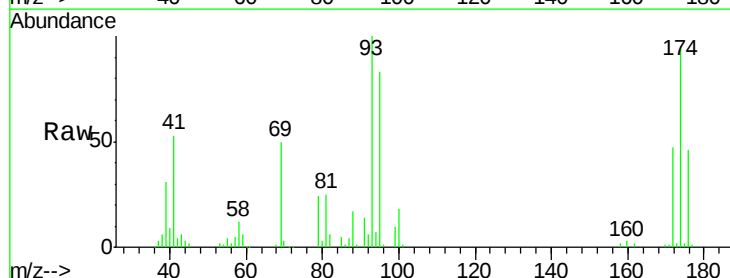
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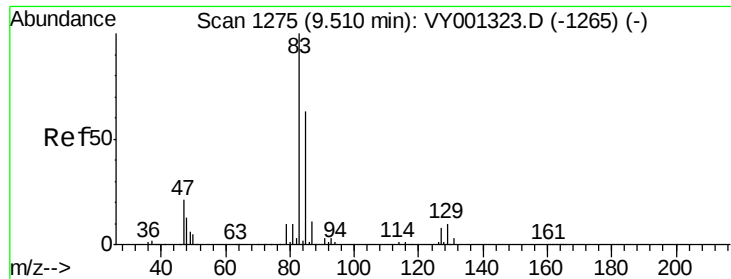
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 2/3/2020 10:53:09 AM



#46
 Dibromomethane
 Concen: 22.486 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.2	66.5	99.7
174	92.8	77.9	116.9





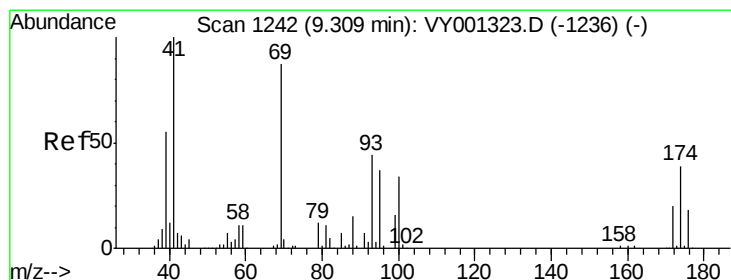
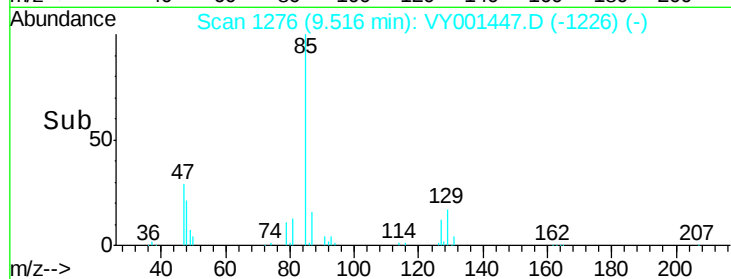
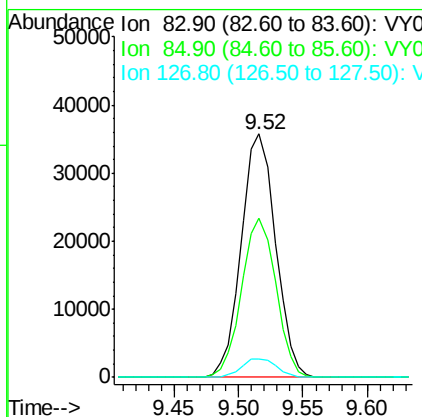
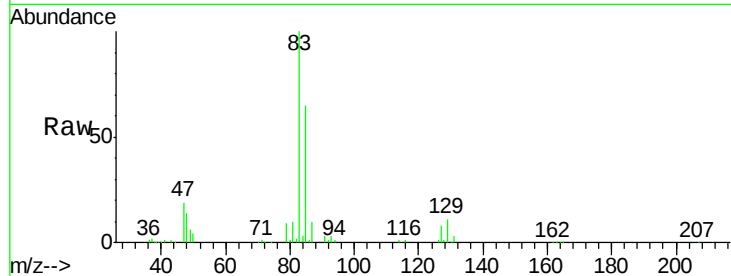
#47
Bromodichloromethane
Concen: 22.458 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion	83	Resp	66030
Ion Ratio	100	Lower	Upper
85	65.1	50.2	75.2
127	7.5	6.4	9.6

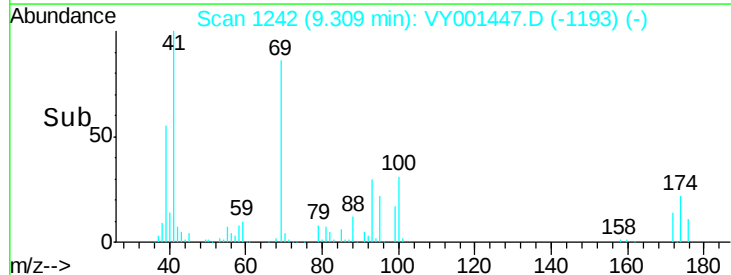
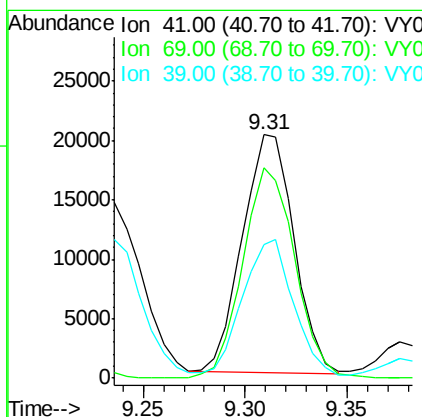
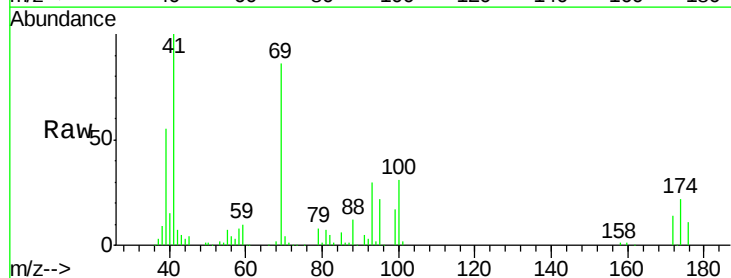
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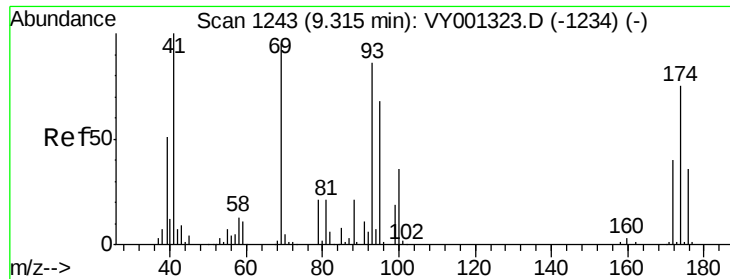
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#48
Methyl methacrylate
Concen: 21.627 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	41	Resp	35303
Ion Ratio	100	Lower	Upper
69	89.7	70.2	105.4
39	58.9	45.7	68.5





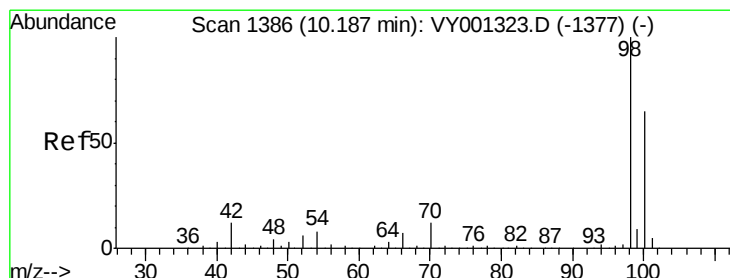
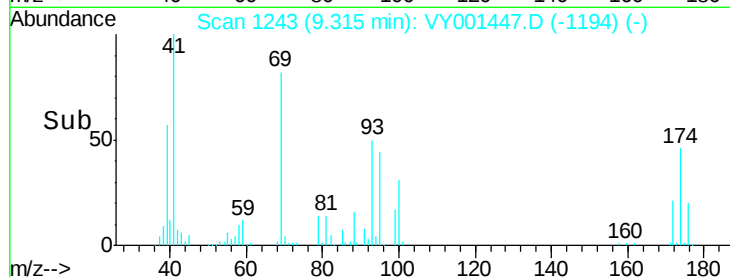
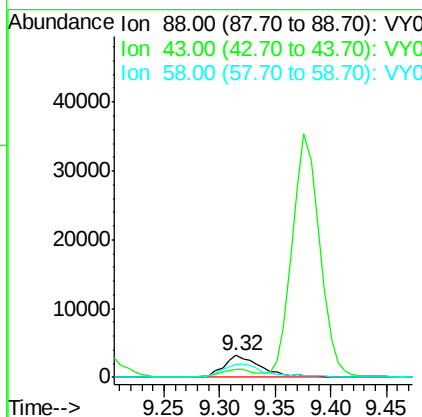
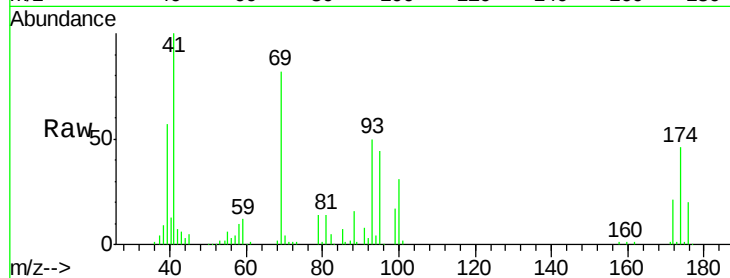
#49
 1,4-Dioxane
 Concen: 428.160 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	28.2	42.2
58	64.1	55.6	83.4

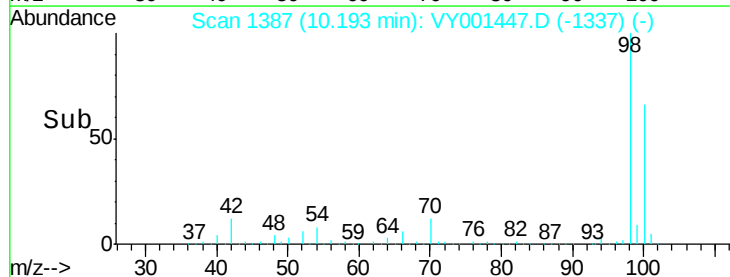
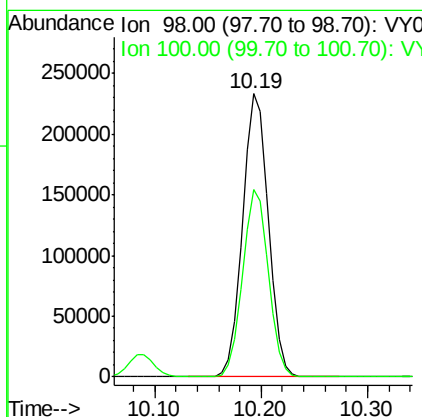
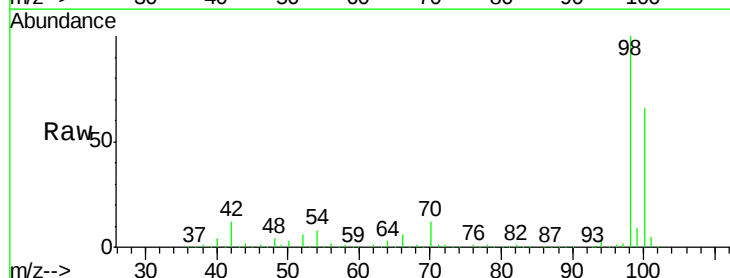
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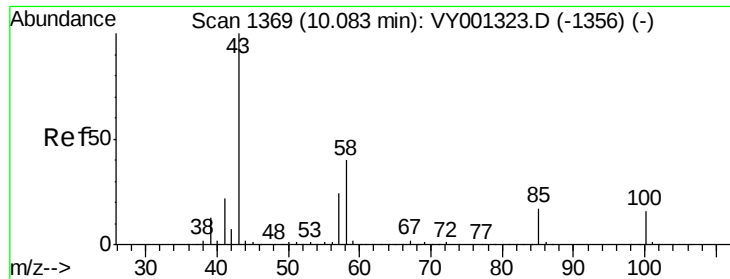
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#50
 Toluene-d8
 Concen: 54.350 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.6	79.0





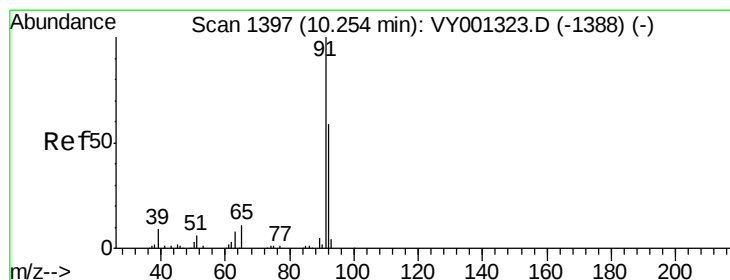
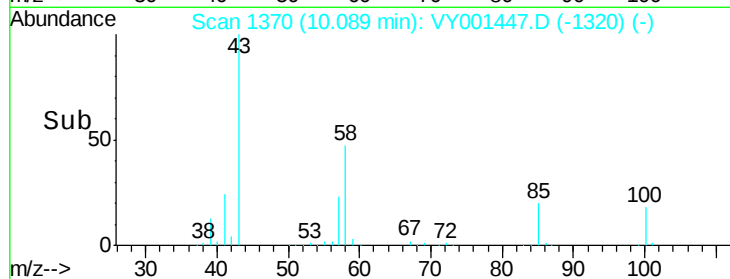
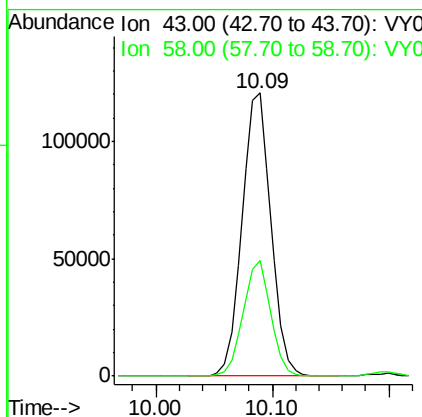
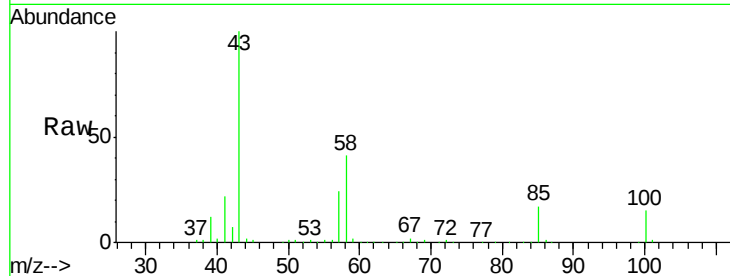
#51
4-Methyl-2-Pentanone
Concen: 112.662 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.5	47.3

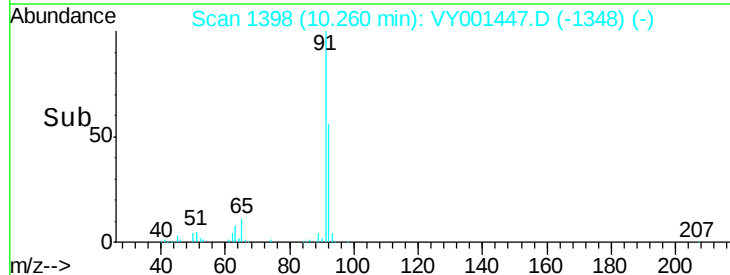
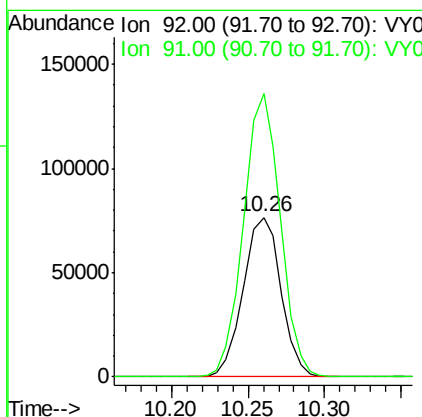
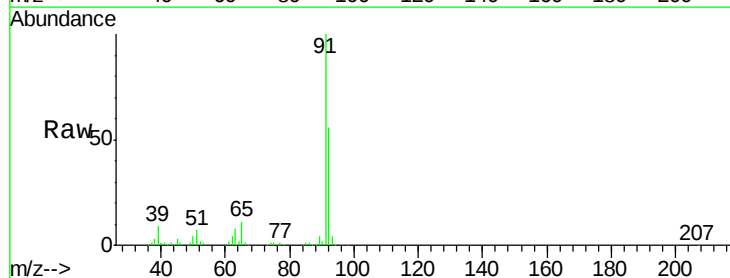
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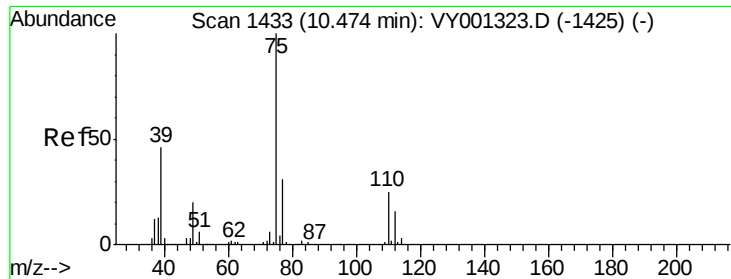
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#52
Toluene
Concen: 22.879 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.8	136.4	204.6





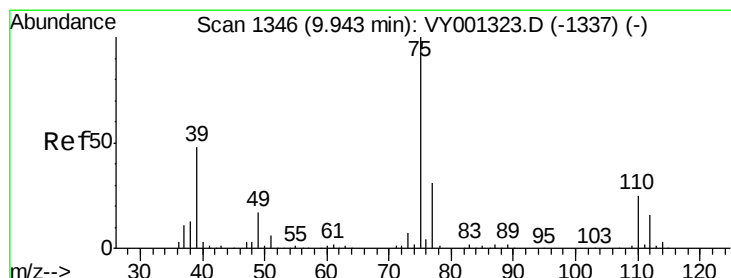
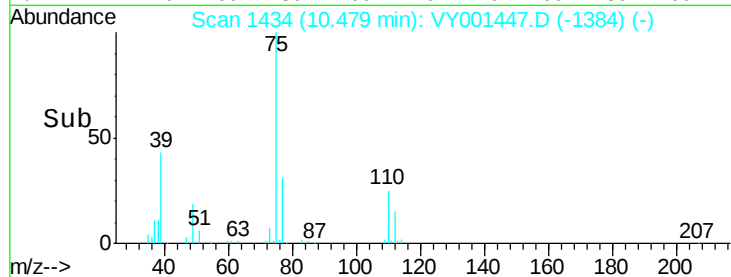
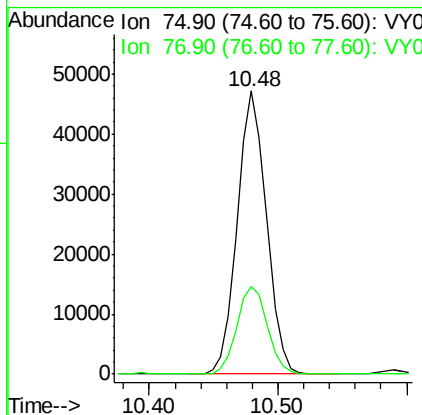
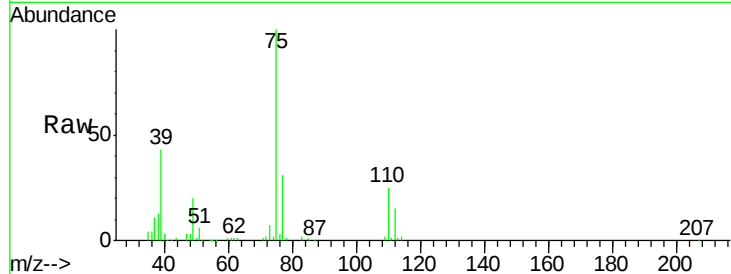
#53
 t-1,3-Dichloropropene
 Concen: 22.644 ug/l
 RT: 10.48 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Tot Ion: 75 Resp: 73791
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8

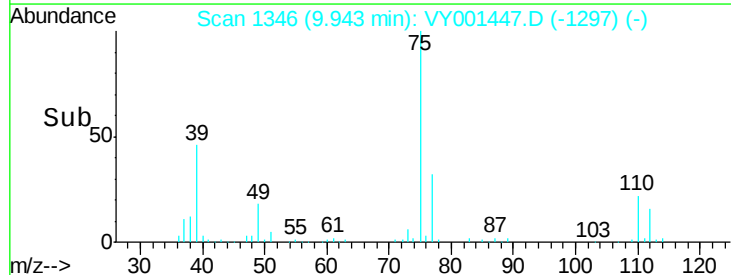
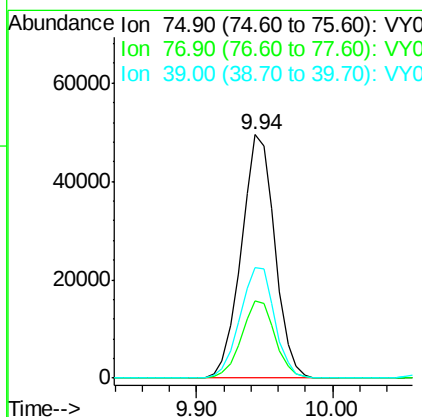
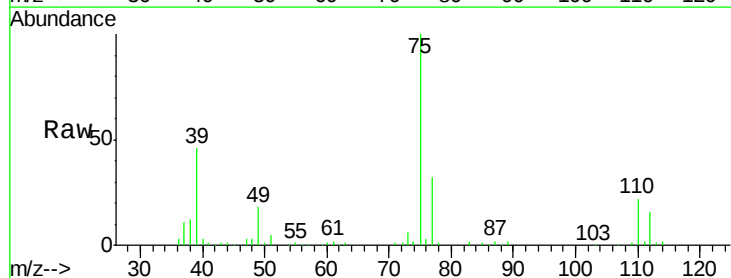
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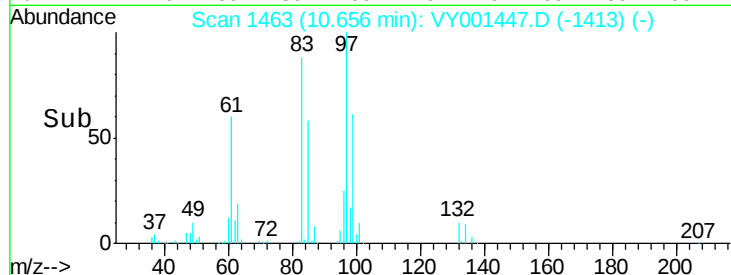
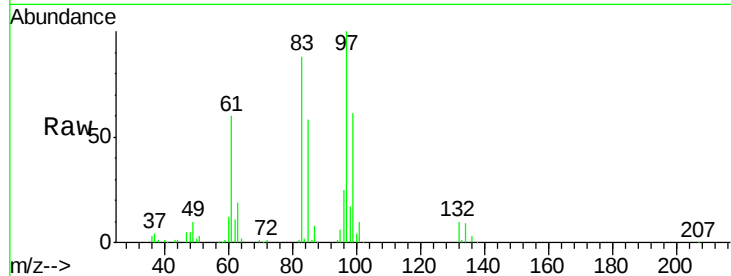
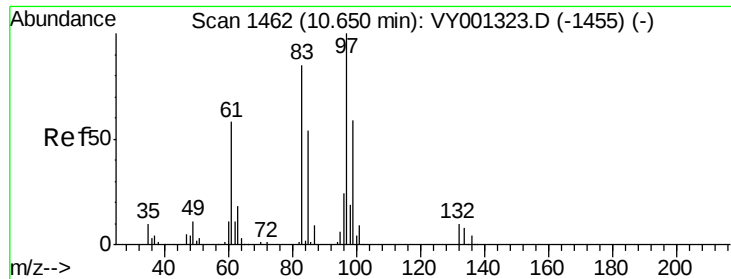
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#54
 cis-1,3-Dichloropropene
 Concen: 22.773 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion: 75 Resp: 85180
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6
 39 45.5 38.2 57.4





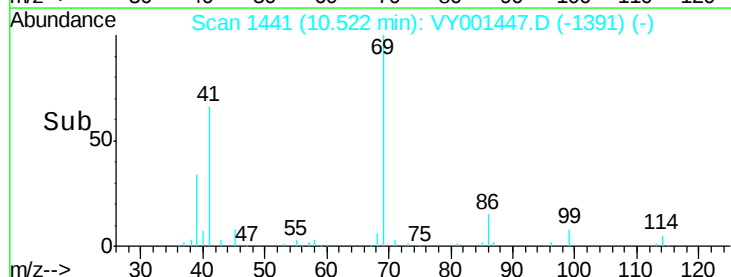
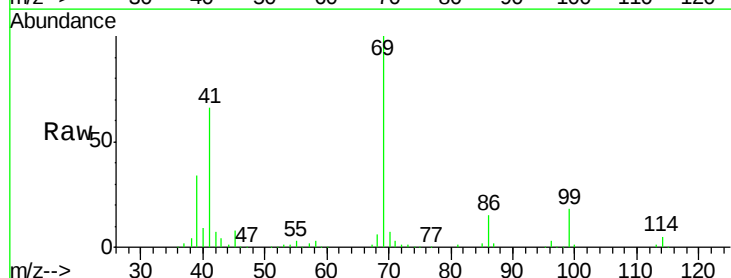
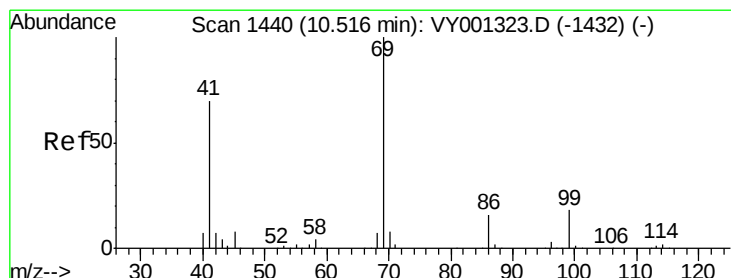
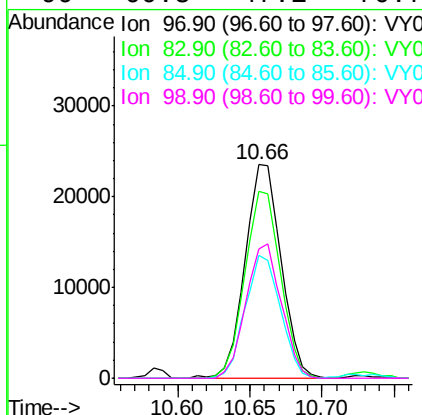
#55
1,1,2-Trichloroethane
Concen: 22.397 ug/l
RT: 10.66 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tot Ion	97	Resp	40658
Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.0	102.0
85	57.7	43.6	65.4
99	60.8	47.1	70.7

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

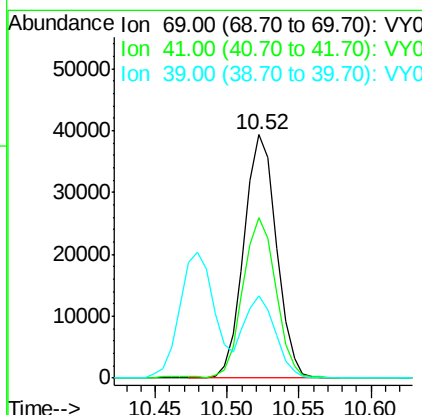
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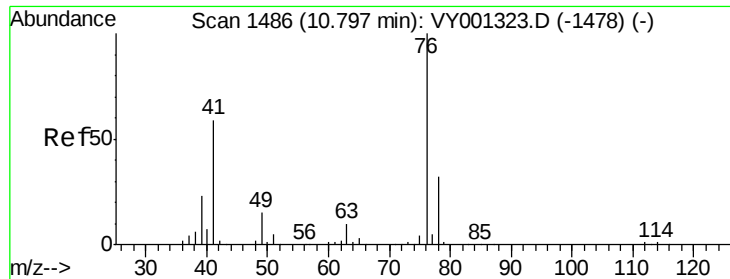
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#56
Ethyl methacrylate
Concen: 22.373 ug/l
RT: 10.52 min Scan# 1441
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	69	Resp	61386
Ion	Ratio	Lower	Upper
69	100		
41	66.3	54.1	81.1
39	32.6	26.8	40.2





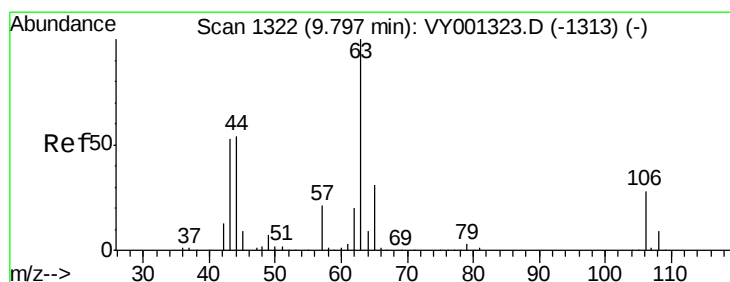
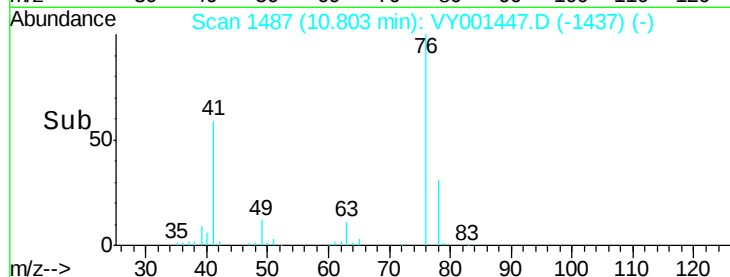
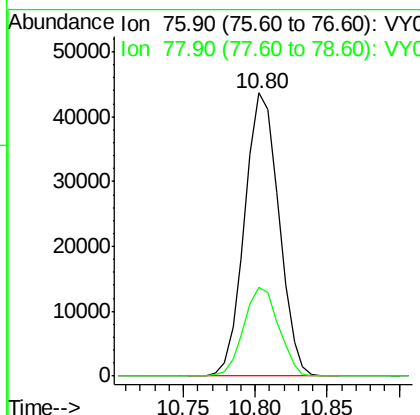
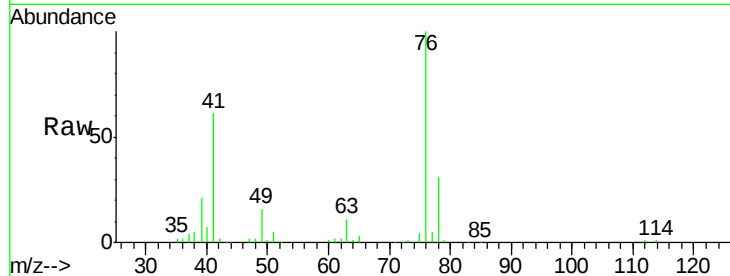
#57
 1,3-Dichloropropane
 Concen: 22.776 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Tot Ion: 76 Resp: 72022
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8

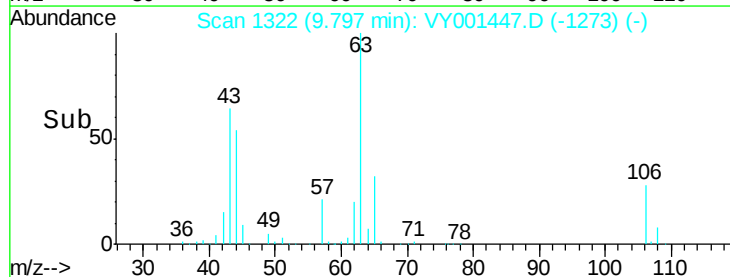
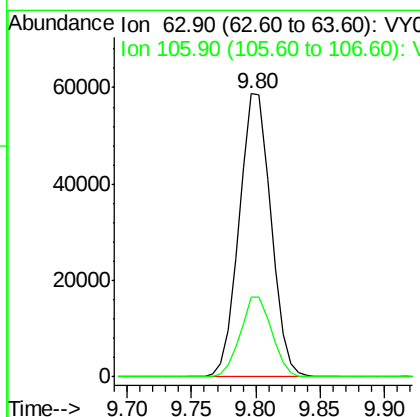
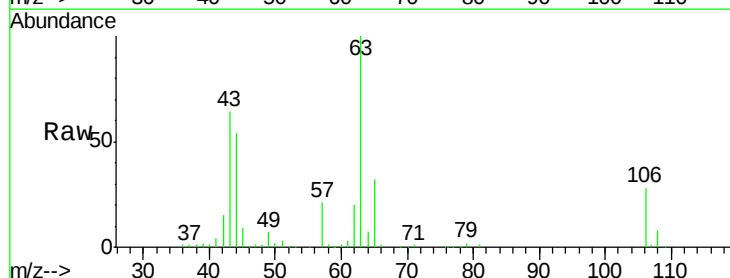
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#58
 2-Chloroethyl Vinyl ether
 Concen: 105.919 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion: 63 Resp: 100561
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.5 33.7





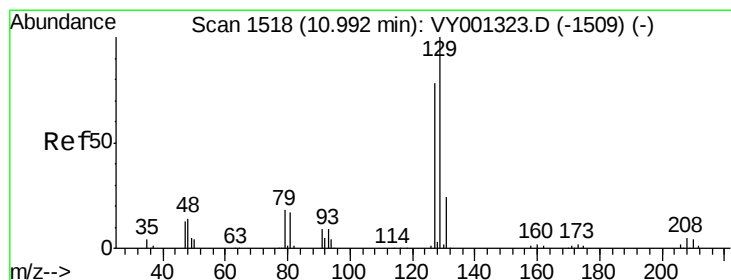
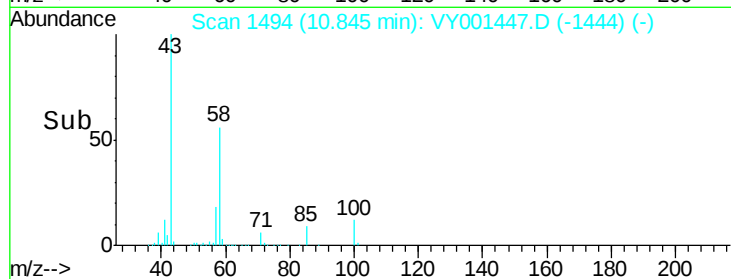
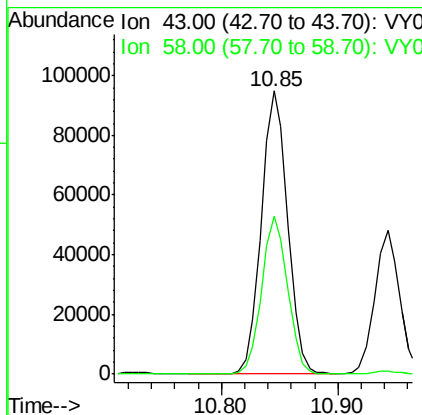
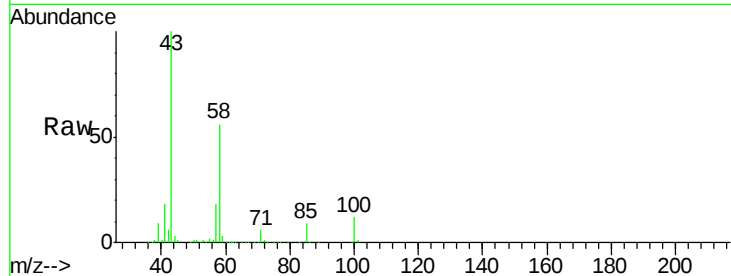
#59
2-Hexanone
Concen: 115.092 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion: 43 Resp: 148161
Ion Ratio Lower Upper
43 100
58 55.0 27.6 82.8

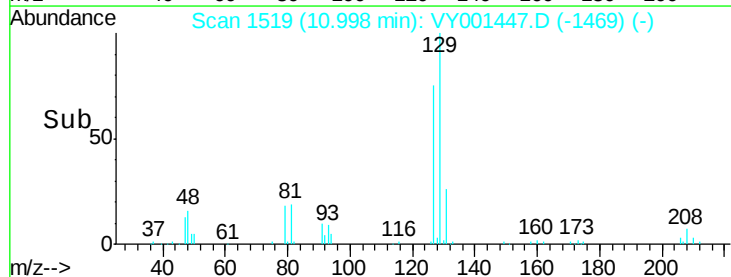
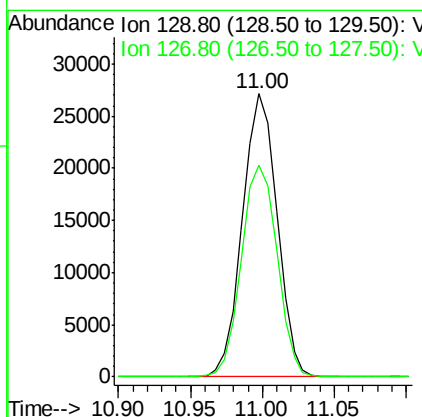
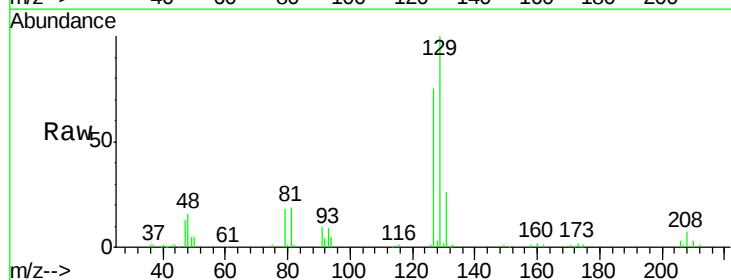
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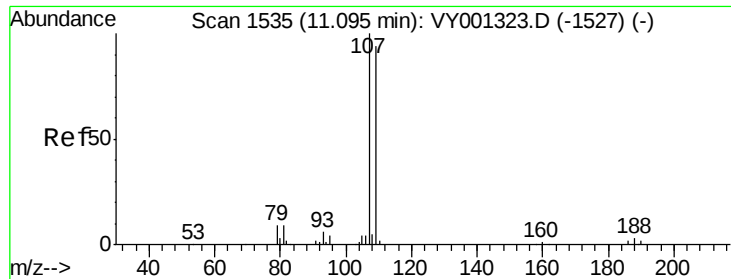
MMDadoda
2/3/2020 10:53:09 AM



#60
Dibromochloromethane
Concen: 22.305 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion:129 Resp: 45287
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





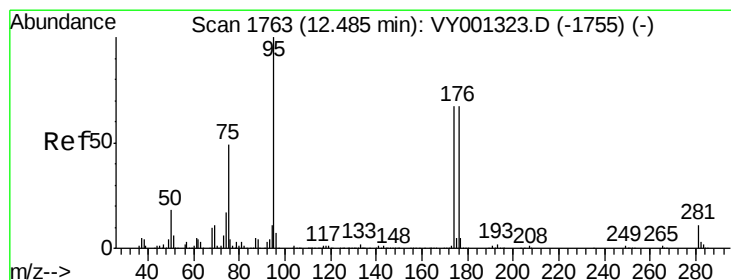
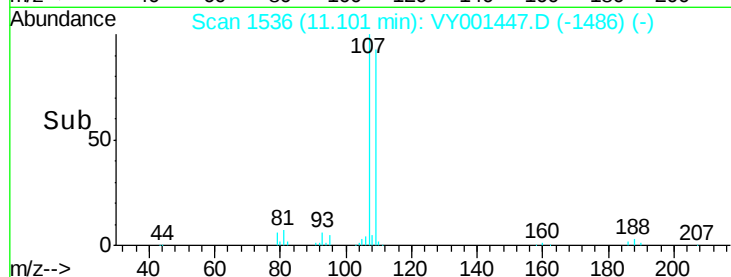
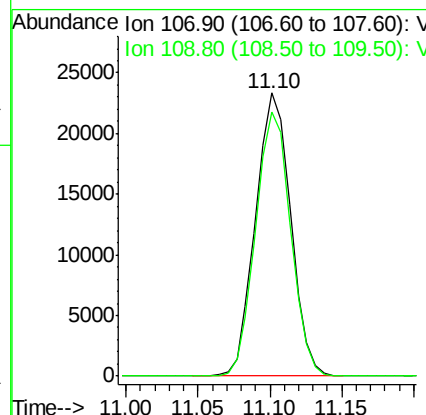
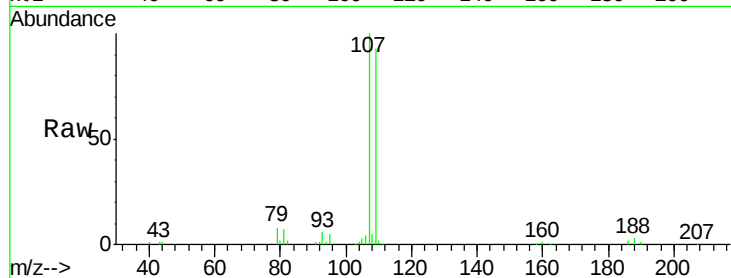
#61
 1,2-Dibromoethane
 Concen: 22.954 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	75.0	112.6

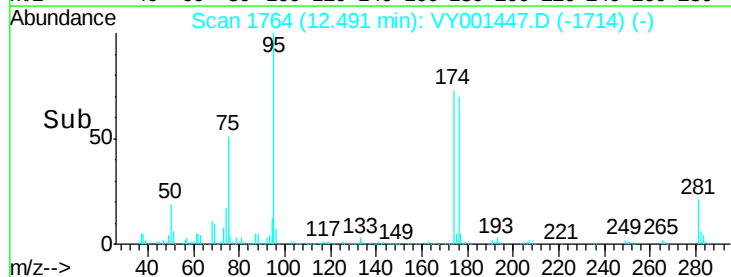
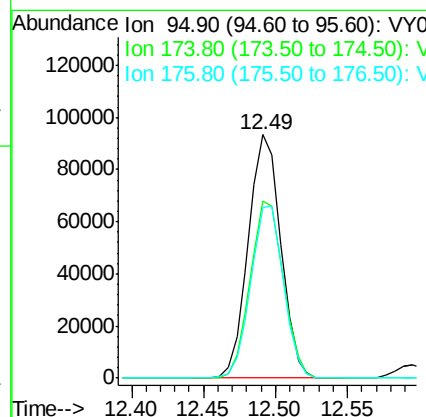
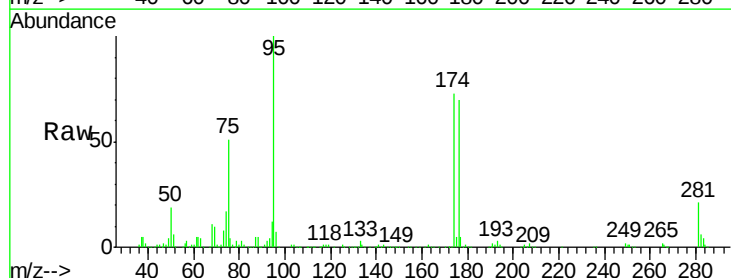
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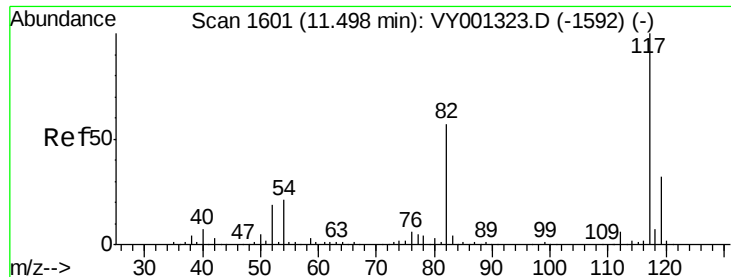
MMDadoda
 2/3/2020 10:53:09 AM



#62
 4-Bromofluorobenzene
 Concen: 50.050 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	142.0
176	71.3	0.0	138.6





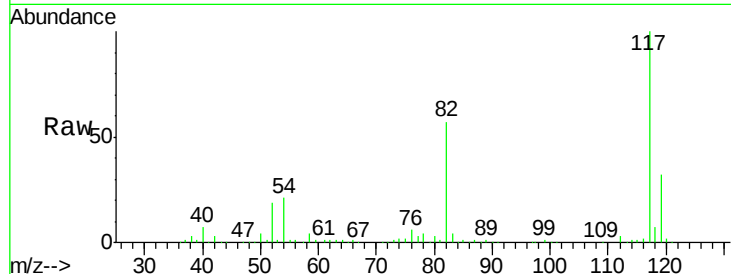
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

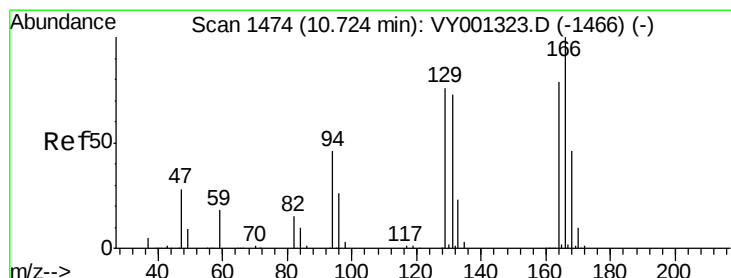
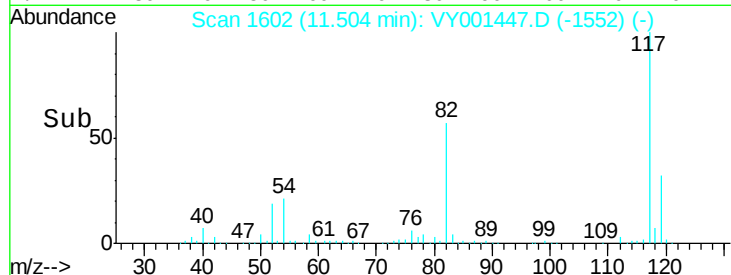
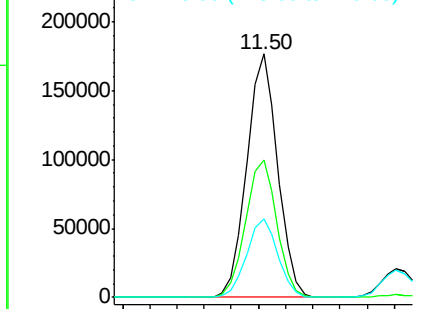
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.5	68.3
119	32.4	25.8	38.6

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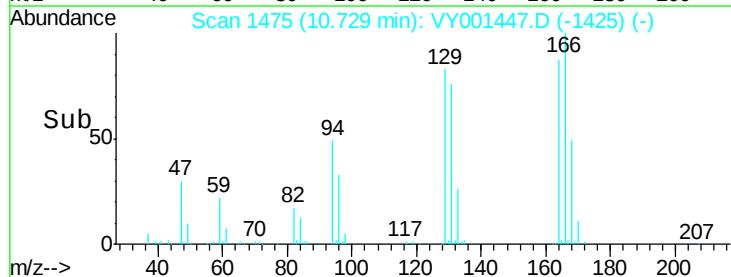
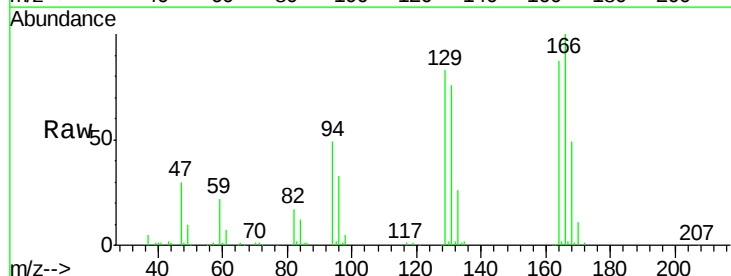
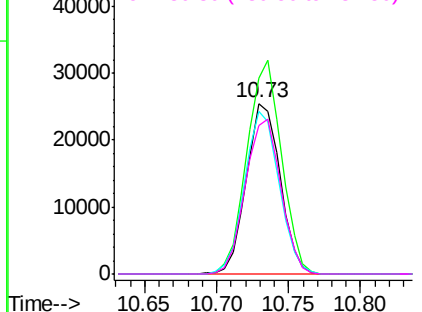
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 22.997 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	114.8	101.8	152.8
129	95.7	77.1	115.7
131	86.9	74.2	111.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





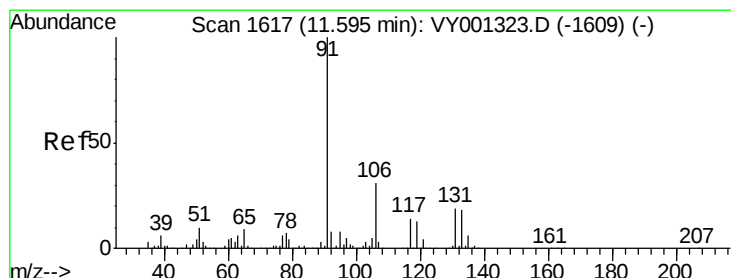
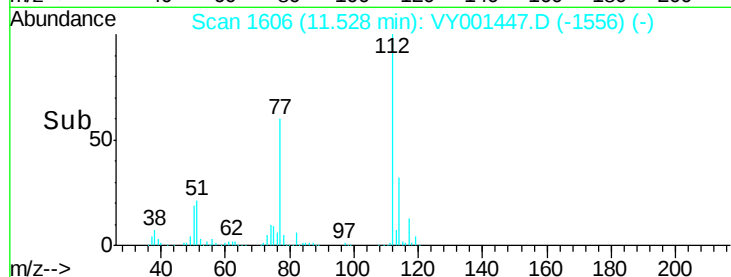
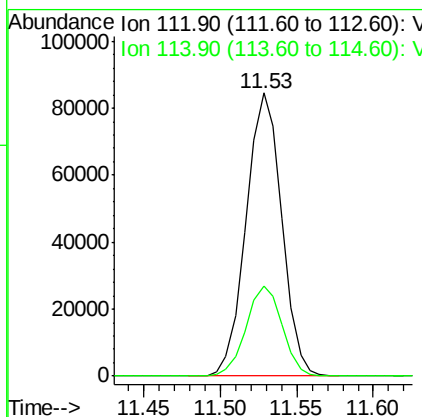
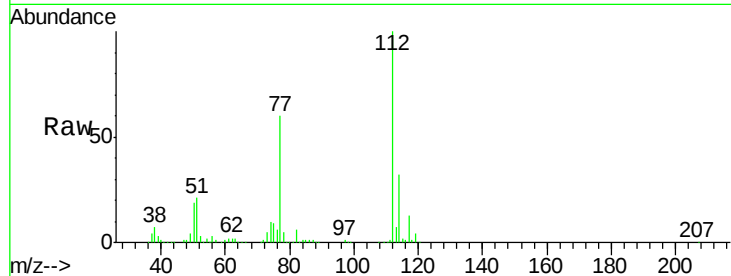
#65
Chlorobenzene
Concen: 23.115 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.8	38.6

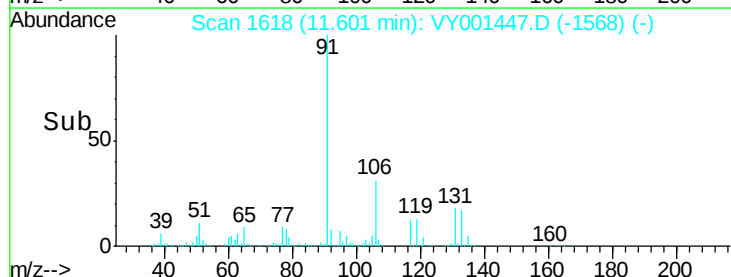
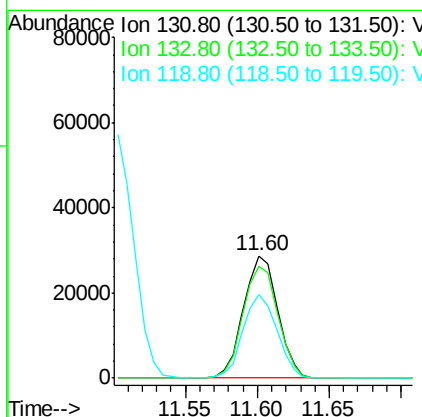
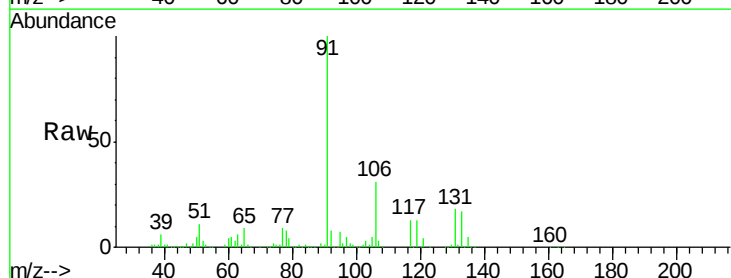
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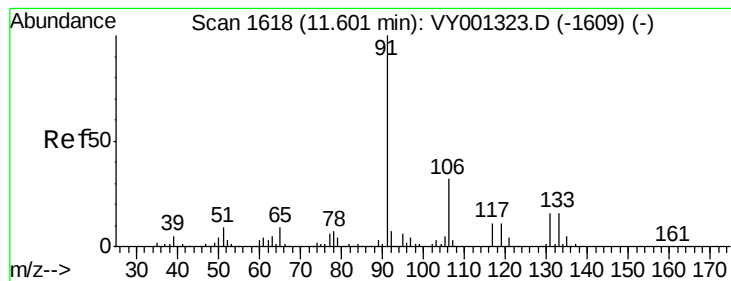
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#66
1,1,1,2-Tetrachloroethane
Concen: 23.397 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.7	47.1	141.3
119	67.6	34.1	102.2





#67

Ethyl Benzene

Concen: 23.527 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

Tot Ion: 91 Resp: 256436

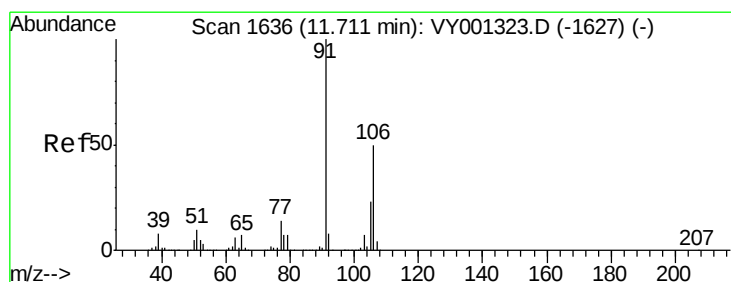
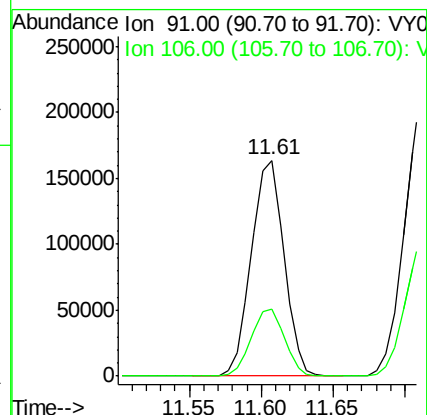
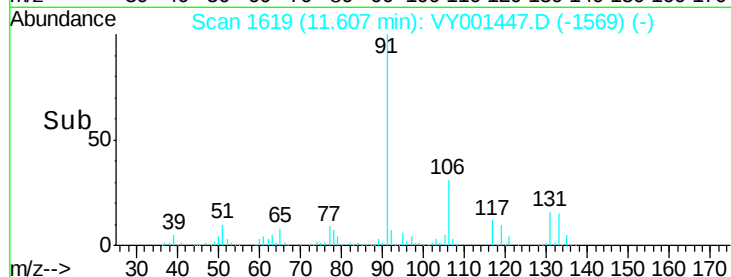
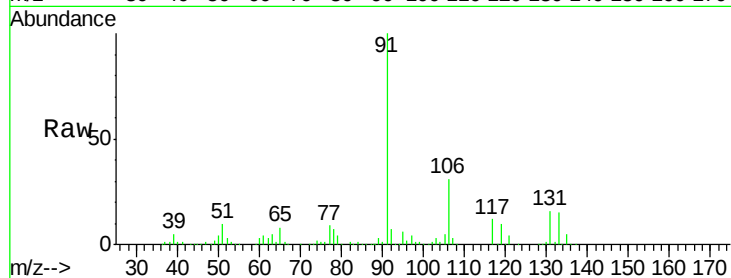
Ion Ratio Lower Upper

91 100

106 31.3 25.4 38.0

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#68

m/p-Xylenes

Concen: 46.979 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY001447.D

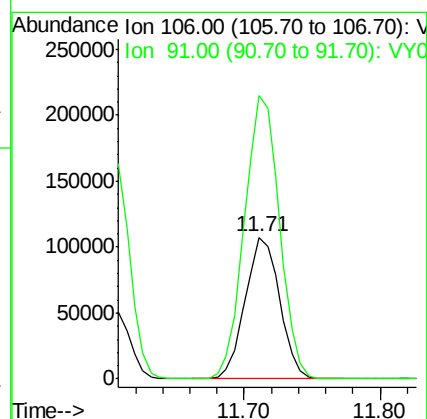
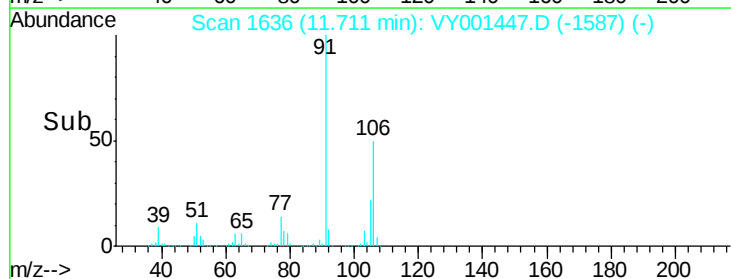
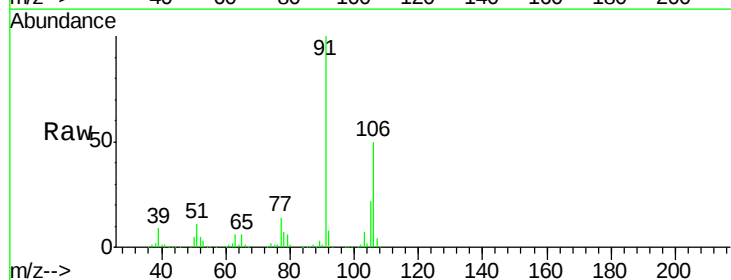
Acq: 31 Jan 2020 12:11

Tgt Ion: 106 Resp: 191252

Ion Ratio Lower Upper

106 100

91 202.4 162.8 244.2





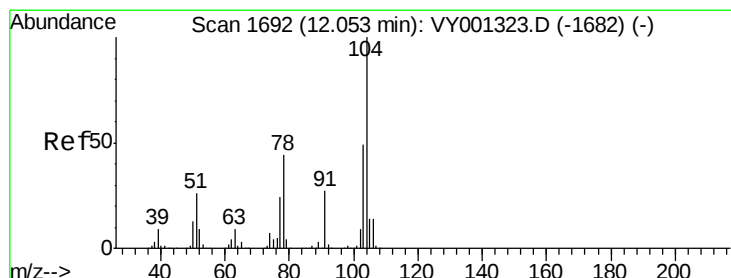
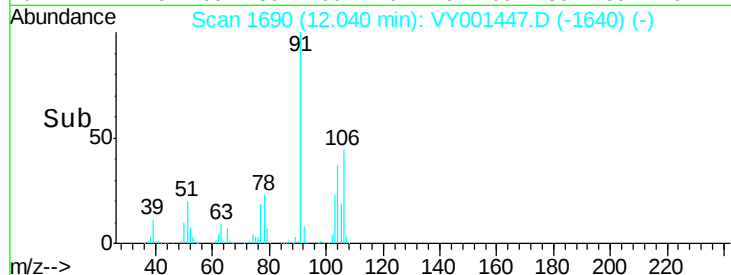
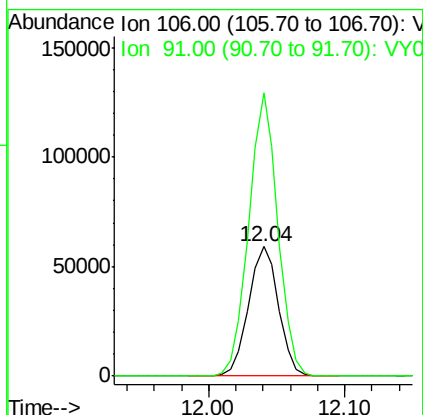
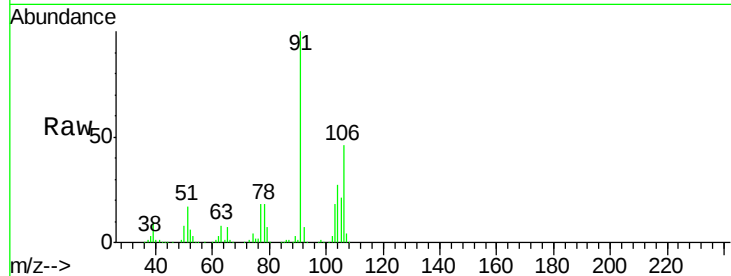
#69
o-Xylene
Concen: 23.346 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.9	106.3	319.0	

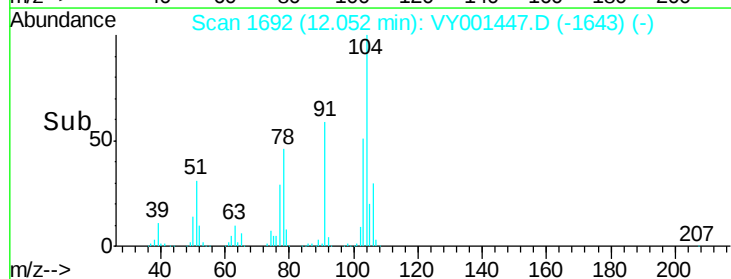
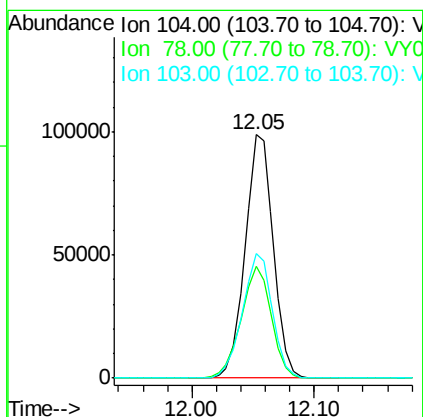
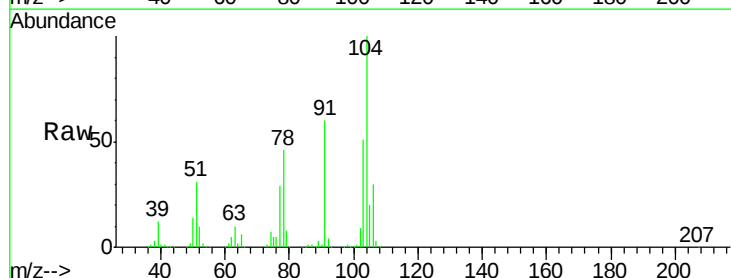
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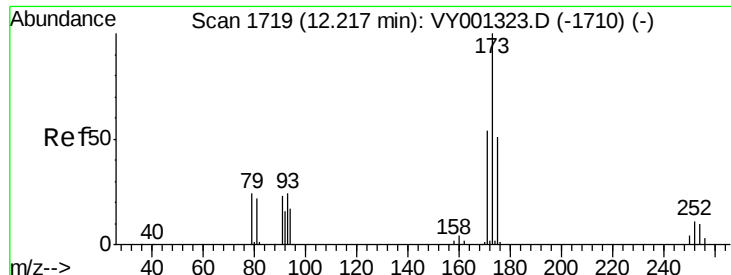
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#70
Styrene
Concen: 22.956 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.9	39.8	59.8	
103	54.3	43.2	64.8	





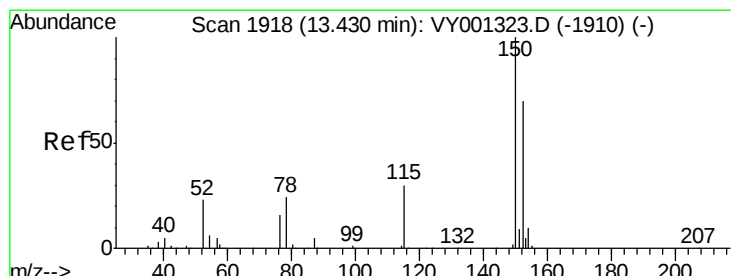
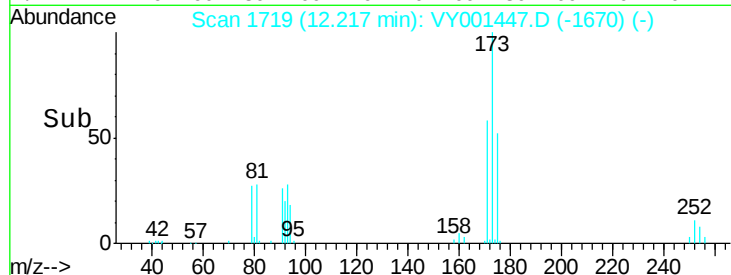
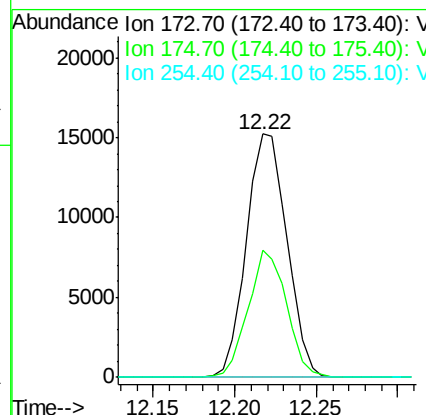
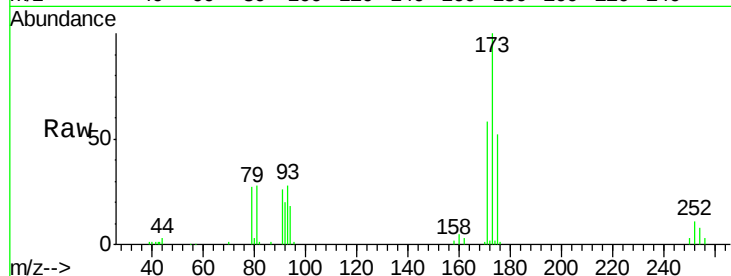
#71
Bromoform
Concen: 21.875 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.3	72.9
254	0.0	0.0	0.0

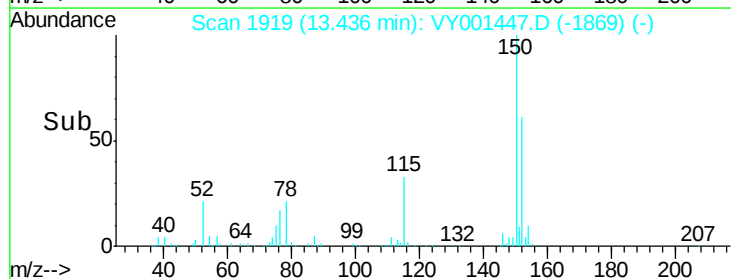
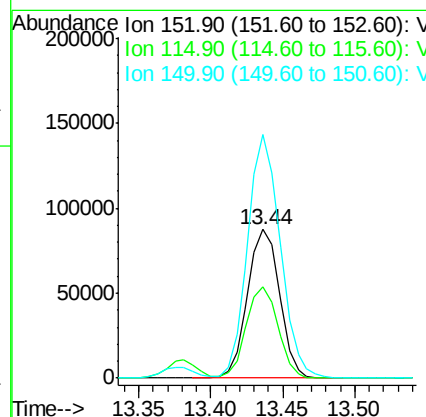
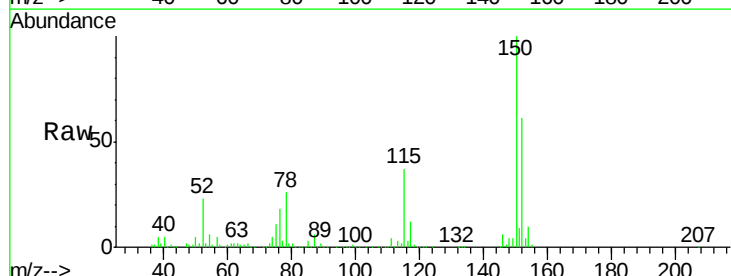
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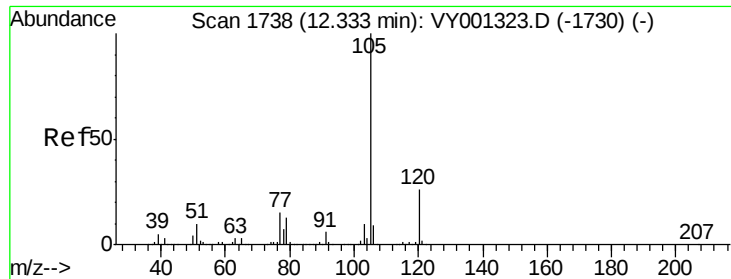
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.9	92.8
150	166.8	0.0	349.2





#73

Isopropylbenzene

Concen: 22.970 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

Tot Ion: 105 Resp: 244816

Ion Ratio Lower Upper

105 100

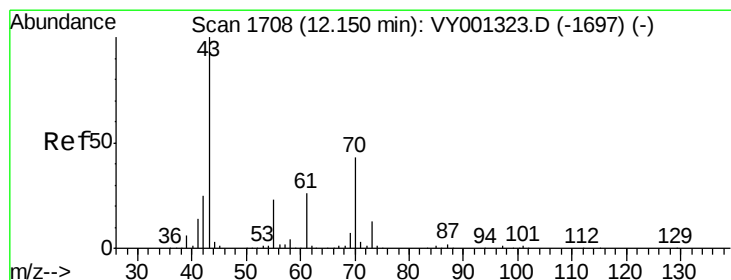
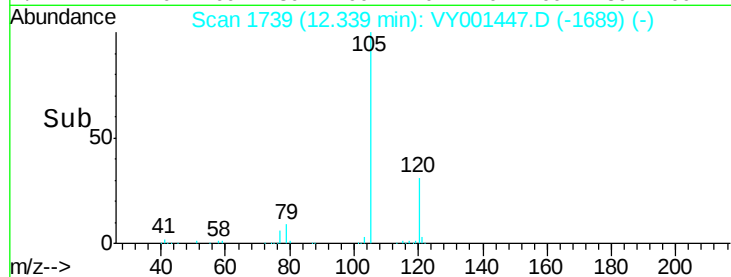
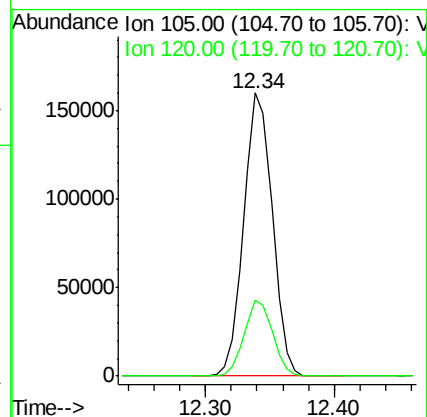
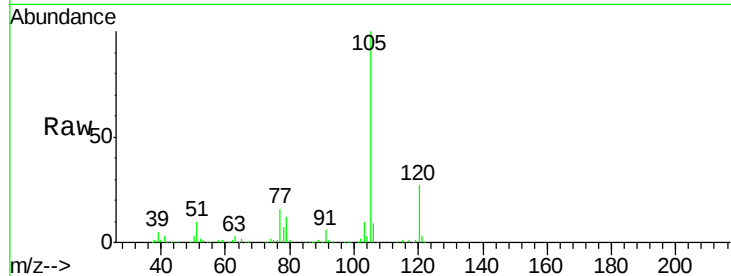
120 26.7 13.5 40.4

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#74

N-ethyl acetate

Concen: 22.104 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Tgt Ion: 43 Resp: 77114

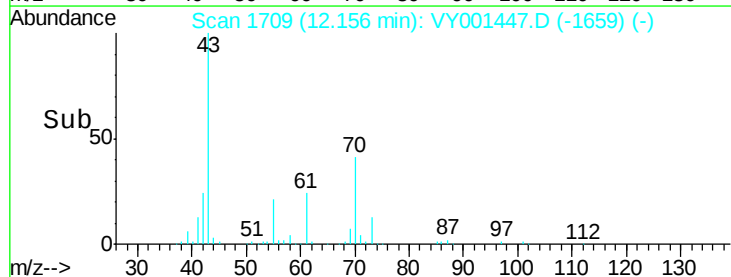
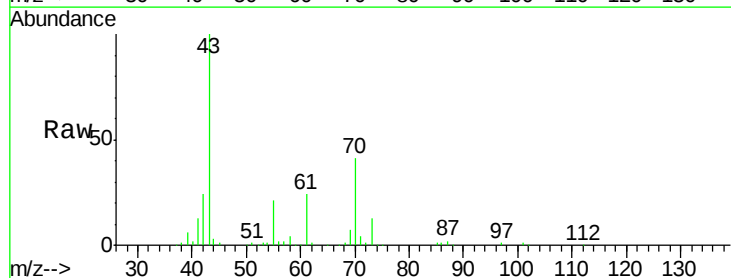
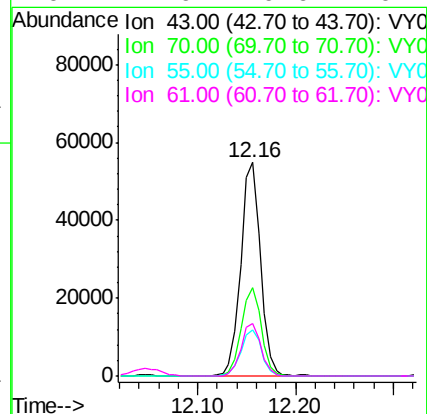
Ion Ratio Lower Upper

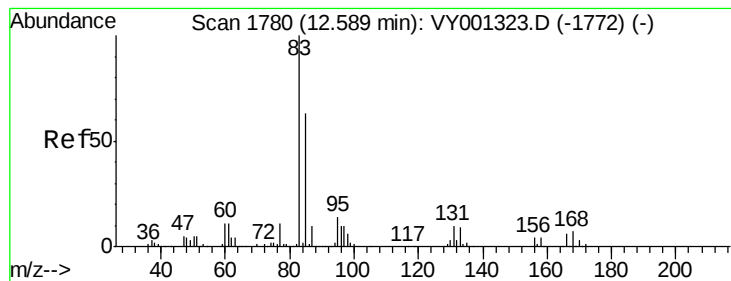
43 100

70 41.8 33.5 50.3

55 22.5 18.2 27.2

61 24.9 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.615 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

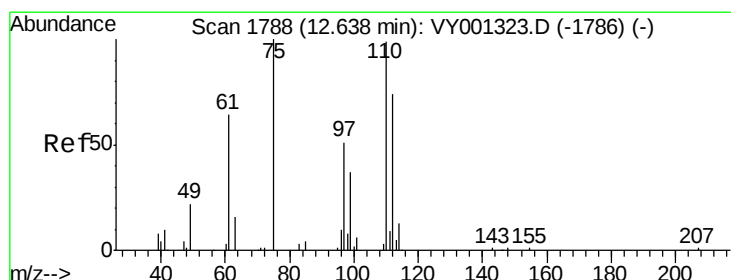
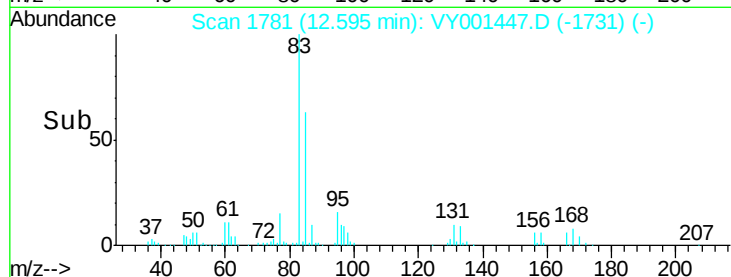
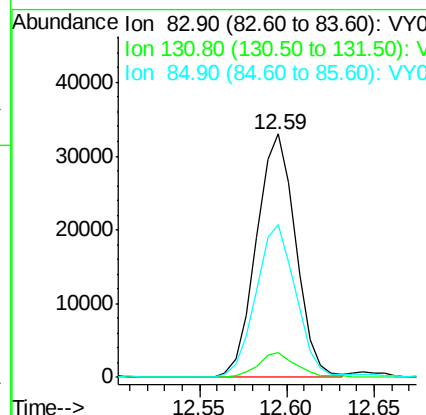
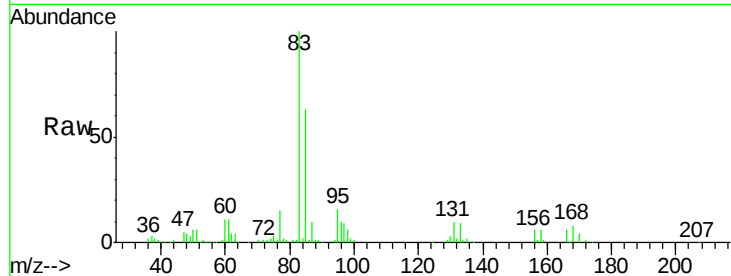
ClientSampleId :

VY0131SBS01

Tot Ion:	83	Resp:	51620
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.6
85	63.7	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 26.361 ug/l m

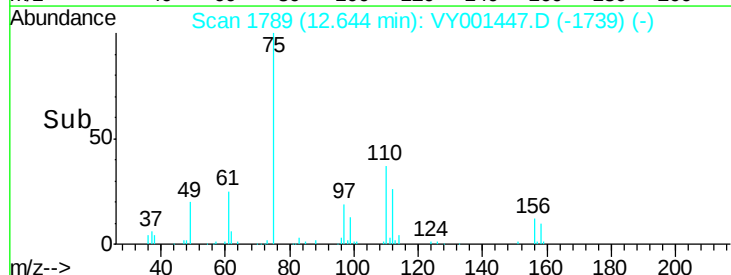
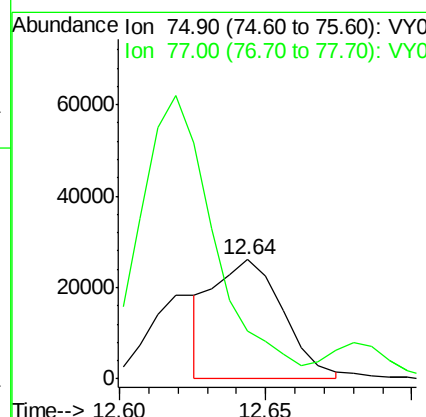
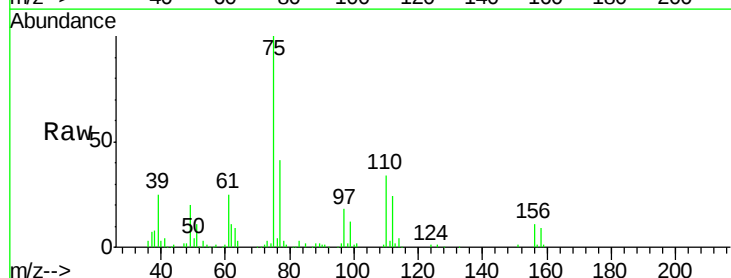
RT: 12.64 min Scan# 1789

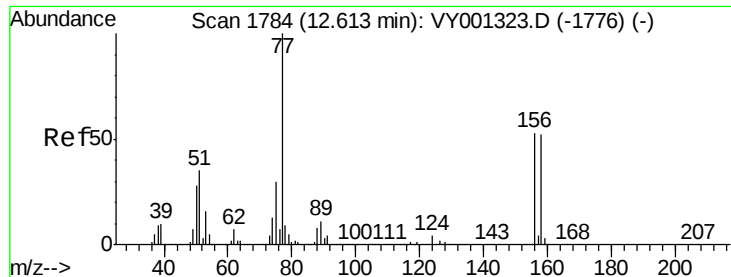
Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Tgt Ion:	75	Resp:	42905
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.411 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

Tot Ion:156 Resp: 52904

Ion Ratio Lower Upper

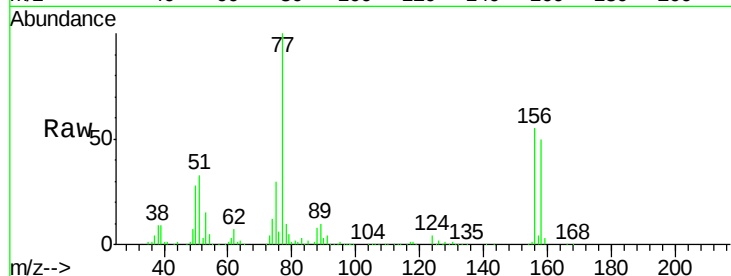
156 100

77 209.7 104.7 313.9

158 96.8 48.6 145.8

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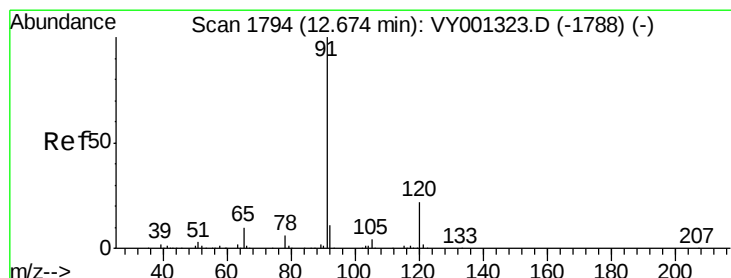
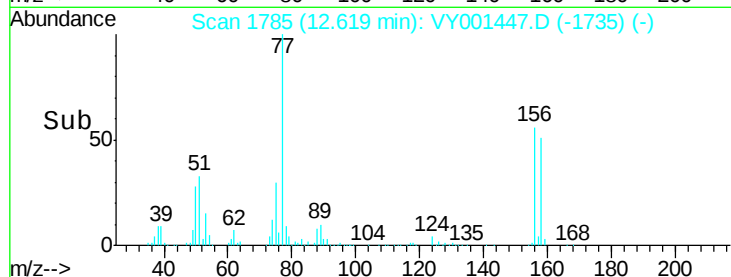
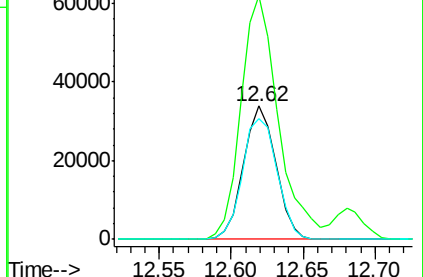
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 23.009 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001447.D

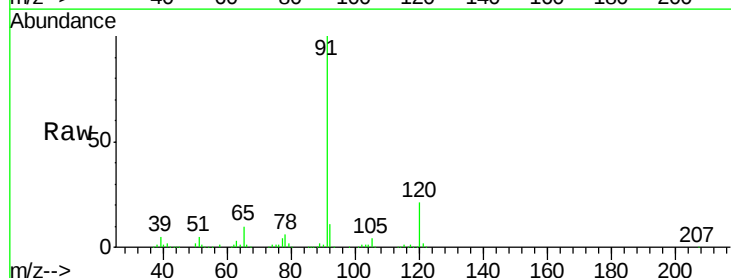
Acq: 31 Jan 2020 12:11

Tgt Ion: 91 Resp: 295166

Ion Ratio Lower Upper

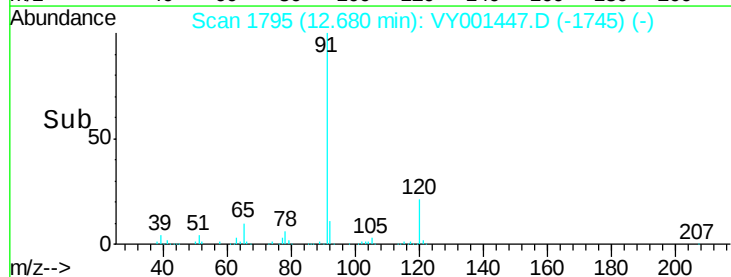
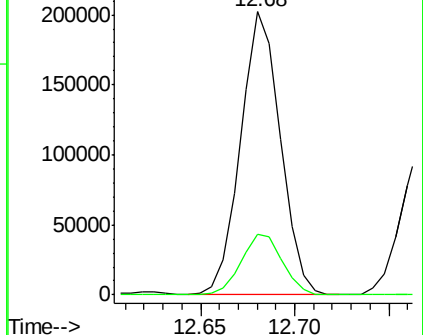
91 100

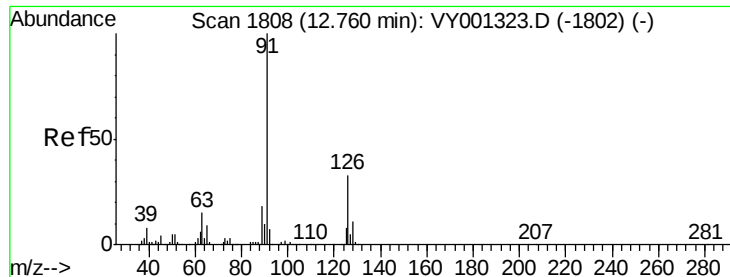
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





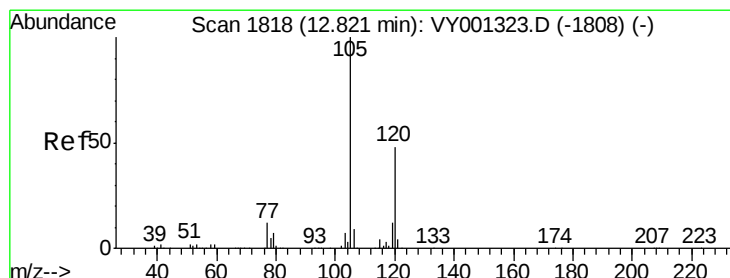
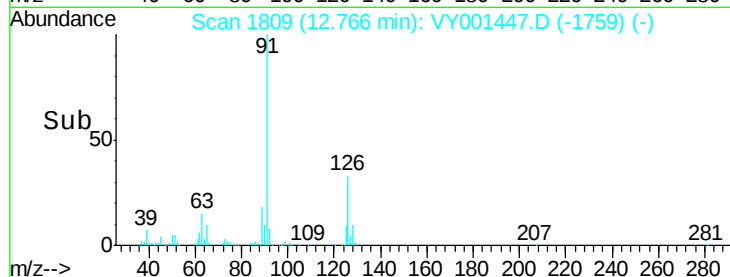
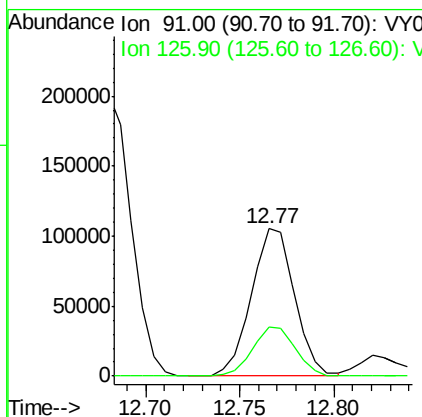
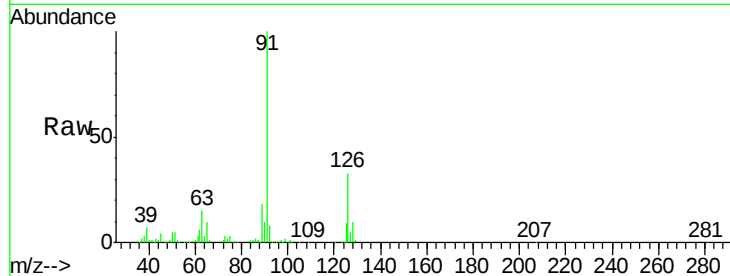
#79
 2-Chlorotoluene
 Concen: 22.768 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.6	49.7

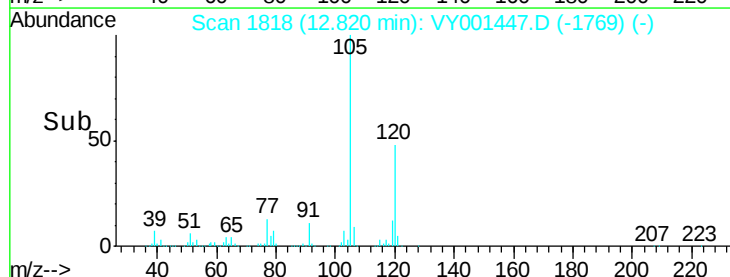
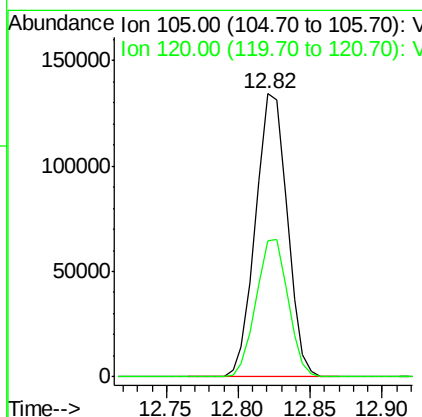
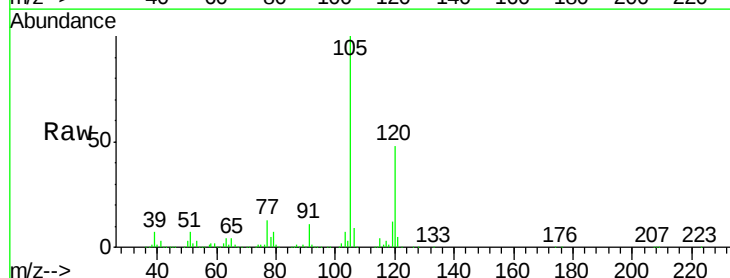
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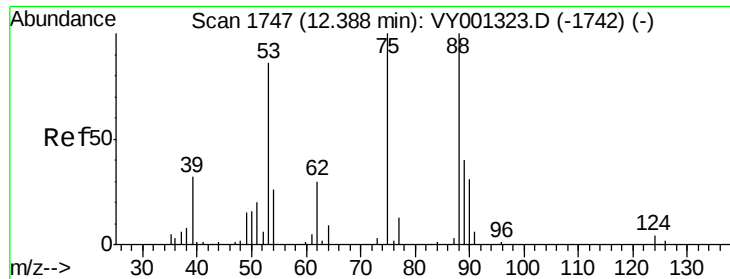
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.951 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.3	72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 22.140 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

Tot Ion: 75 Resp: 19042

Ion Ratio Lower Upper

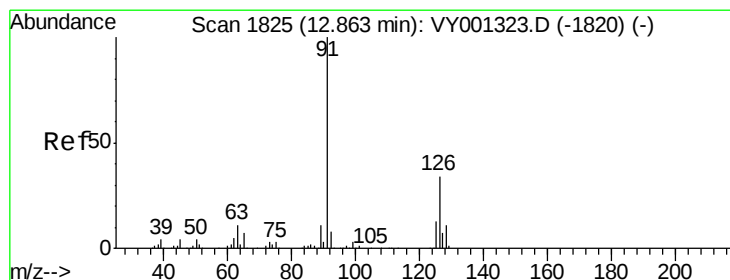
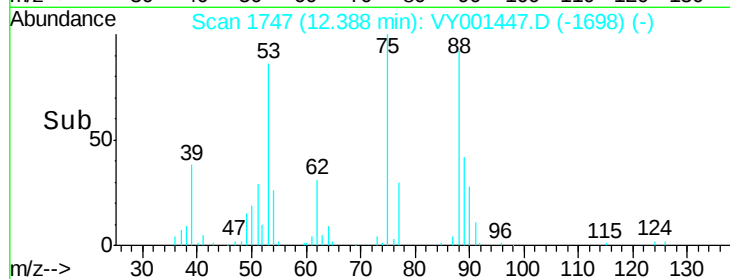
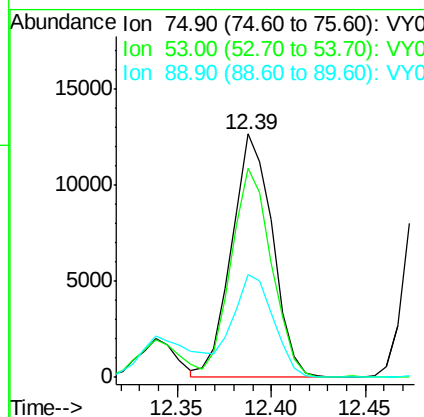
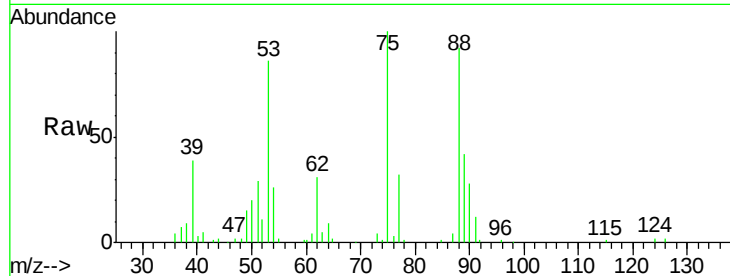
75 100

53 84.6 69.9 104.9

89 41.6 36.6 54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 22.563 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001447.D

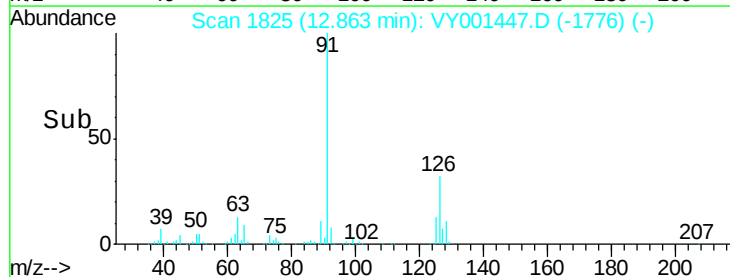
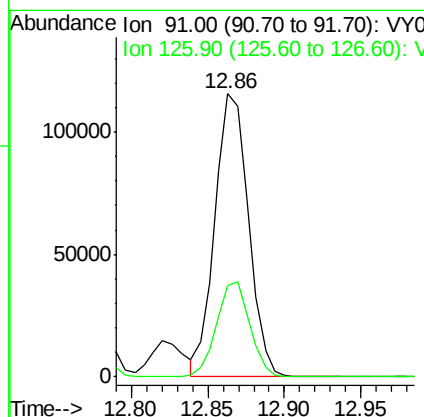
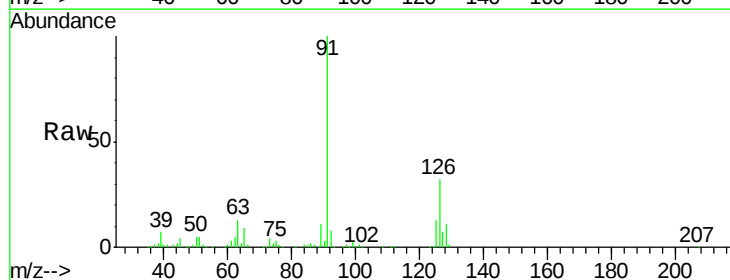
Acq: 31 Jan 2020 12:11

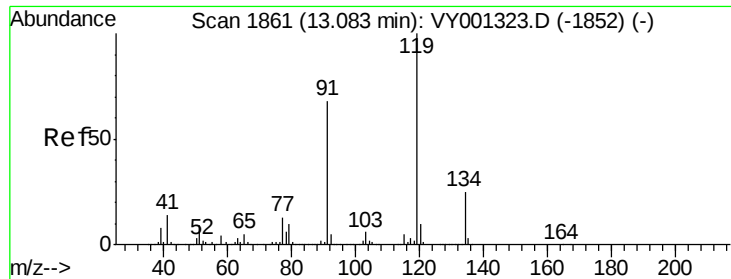
Tgt Ion: 91 Resp: 176626

Ion Ratio Lower Upper

91 100

126 33.2 16.4 49.4





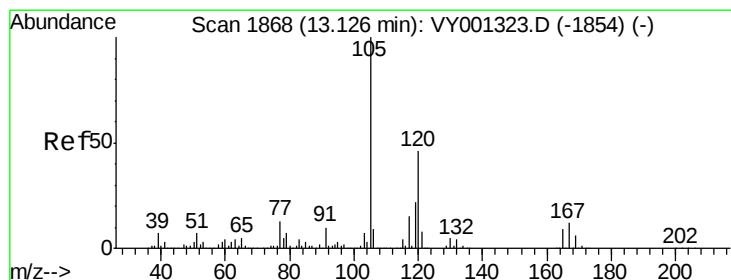
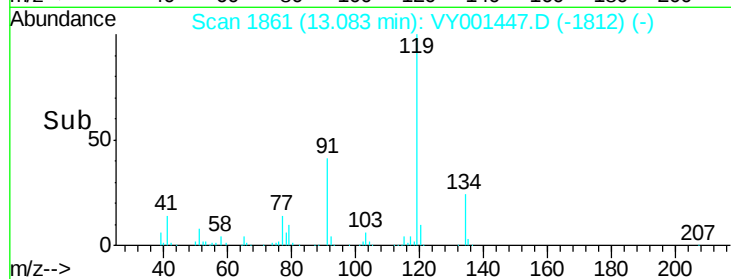
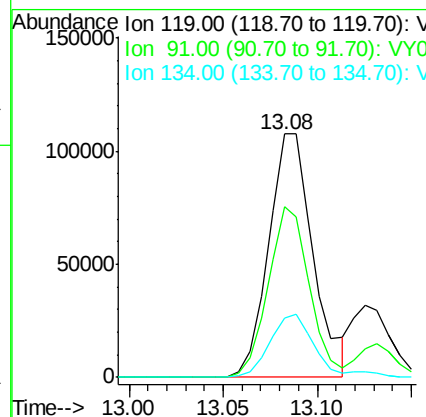
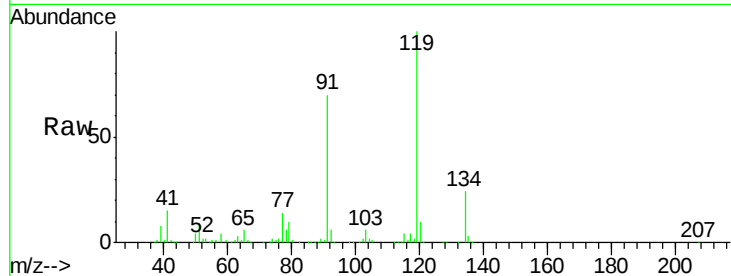
#83
tert-Butylbenzene
Concen: 23.426 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	175675		
91	64.9	33.0	99.0	
134	26.5	13.3	39.9	

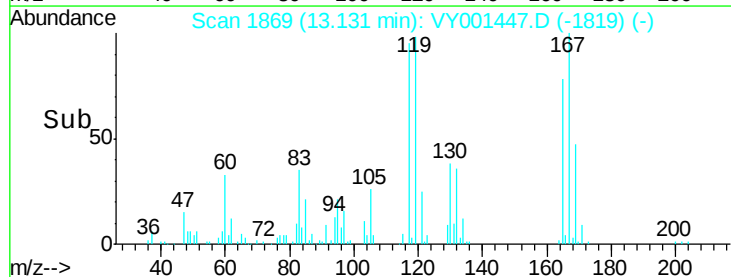
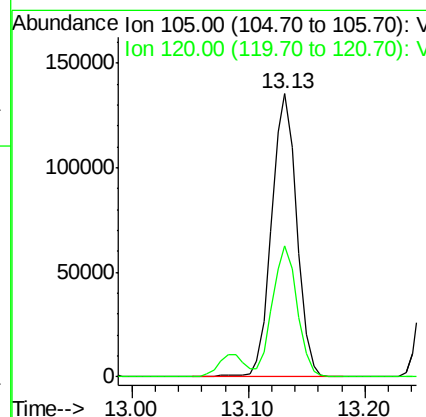
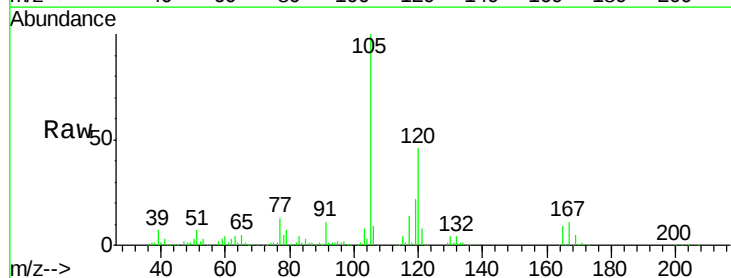
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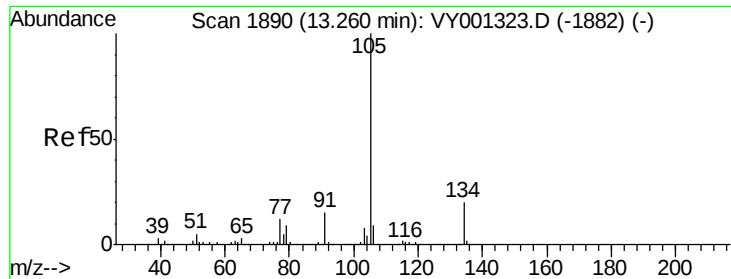
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#84
1,2,4-Trimethylbenzene
Concen: 22.800 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	203641		
120	46.0	22.4	67.3	





#85

sec-Butylbenzene

Concen: 23.446 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

Tot Ion:105 Resp: 249811

Ion Ratio Lower Upper

105 100

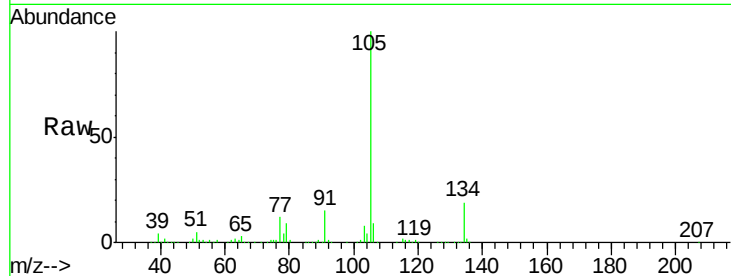
134 19.4 9.8 29.4

Manual Integrations

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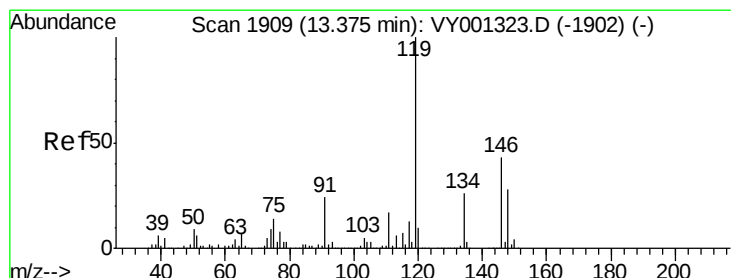
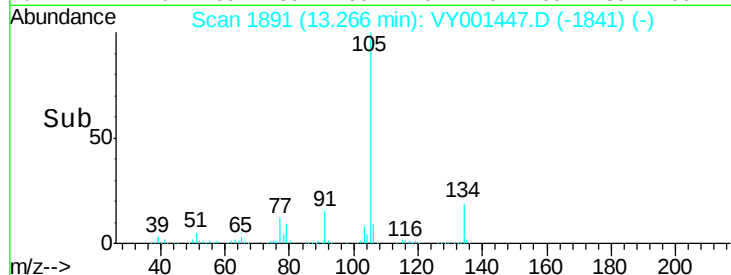
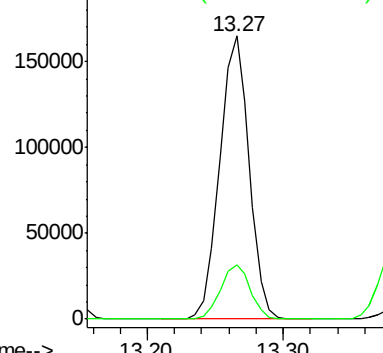
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.261 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001447.D

Acq: 31 Jan 2020 12:11

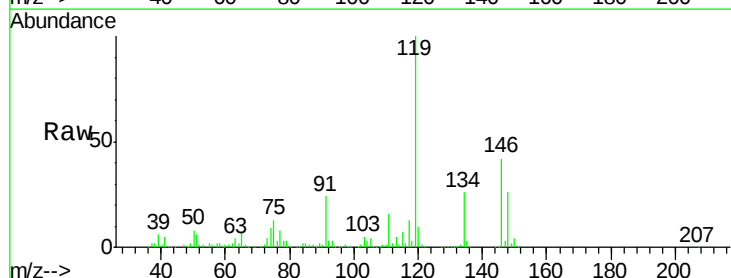
Tgt Ion:119 Resp: 218406

Ion Ratio Lower Upper

119 100

134 26.1 13.5 40.4

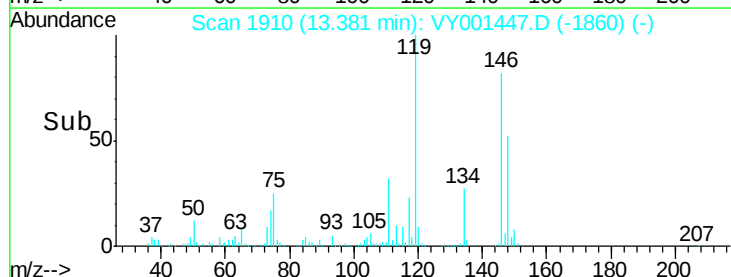
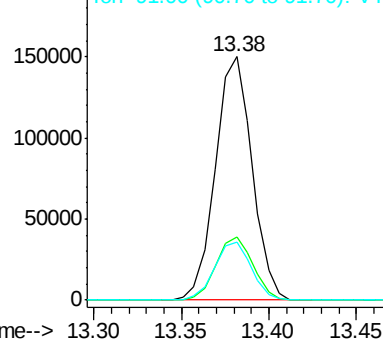
91 24.2 12.2 36.6

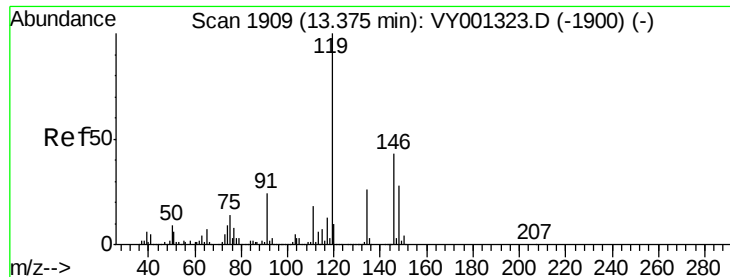


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





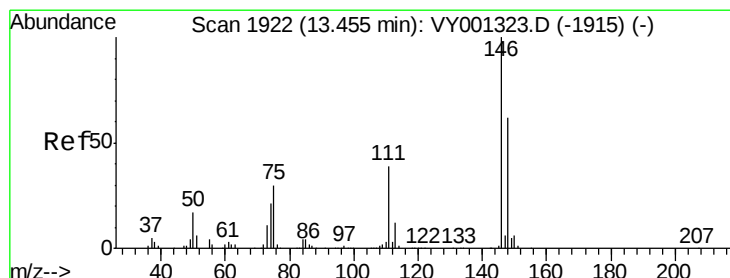
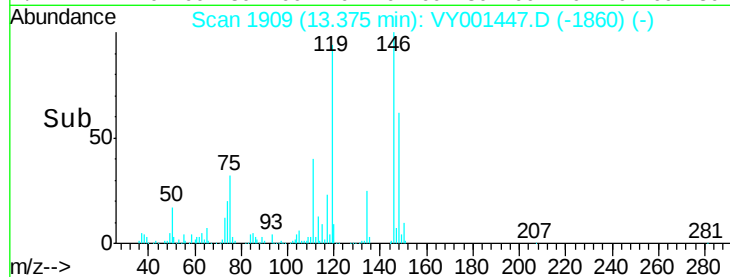
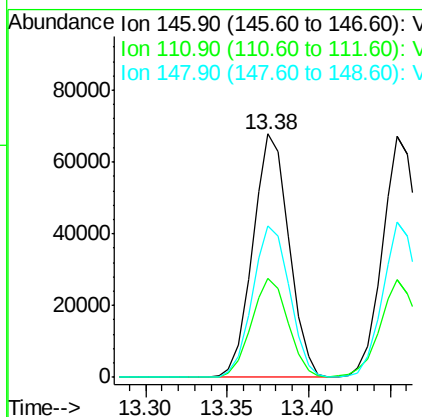
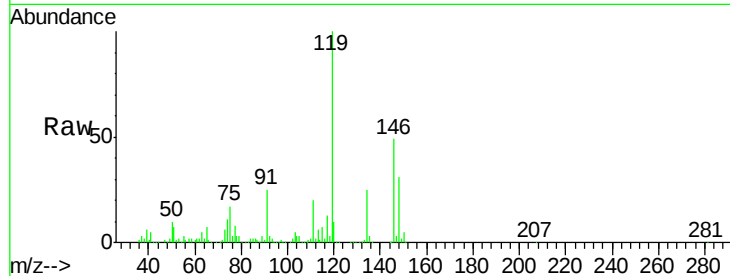
#87
 1,3-Dichlorobenzene
 Concen: 22.957 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.6	61.8
148	63.8	31.6	95.0

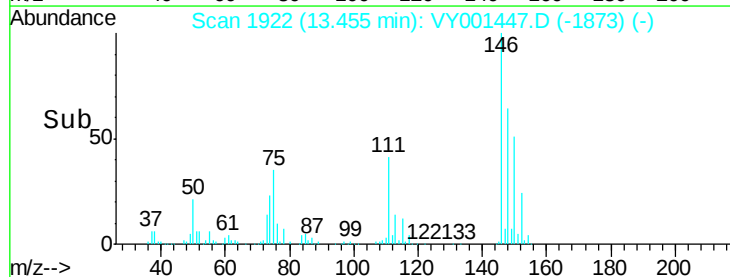
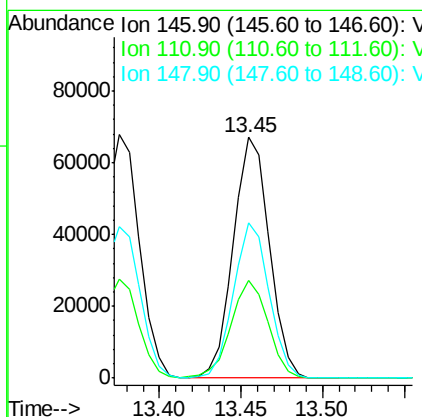
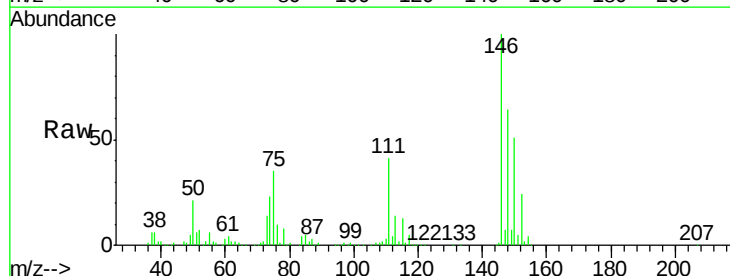
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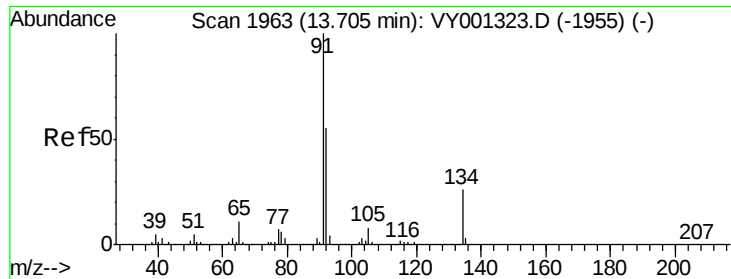
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#88
 1,4-Dichlorobenzene
 Concen: 22.456 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.5	61.5
148	63.4	31.6	95.0





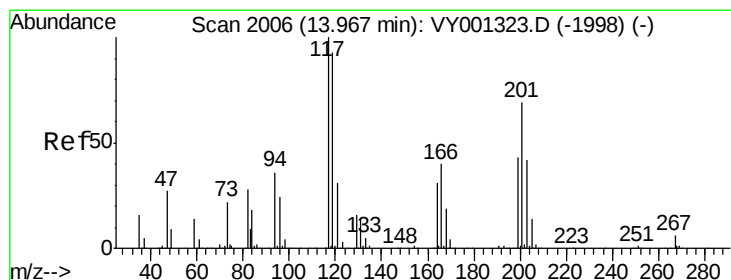
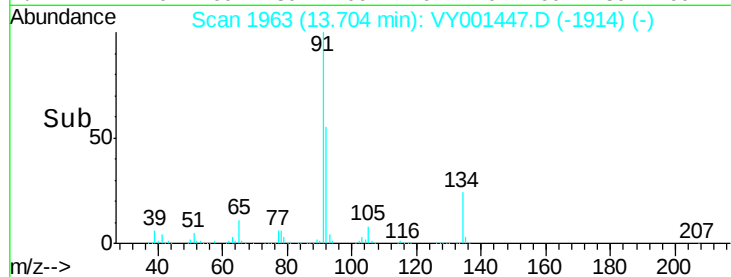
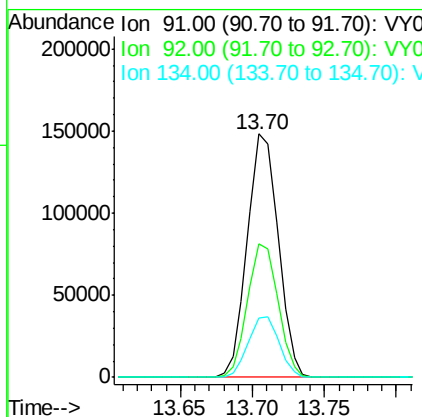
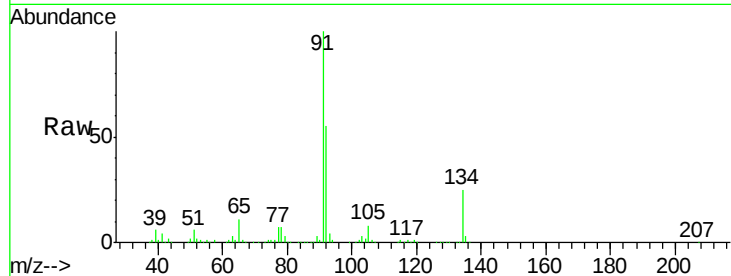
#89
n-Butylbenzene
Concen: 23.379 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	220922		
92	54.1		27.6	82.8
134	25.1		12.9	38.6

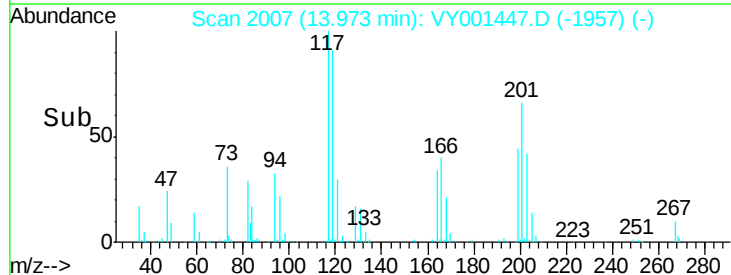
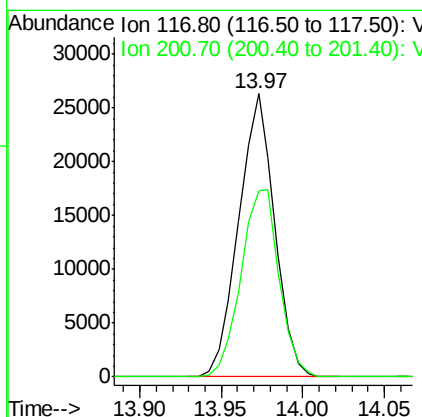
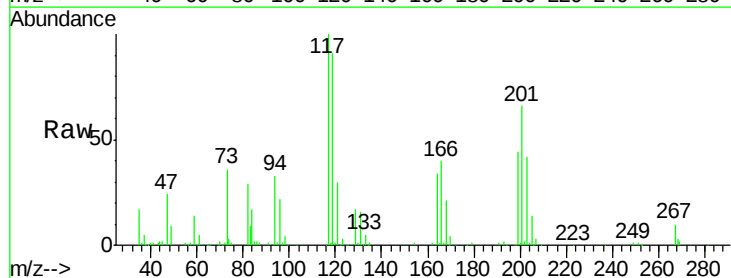
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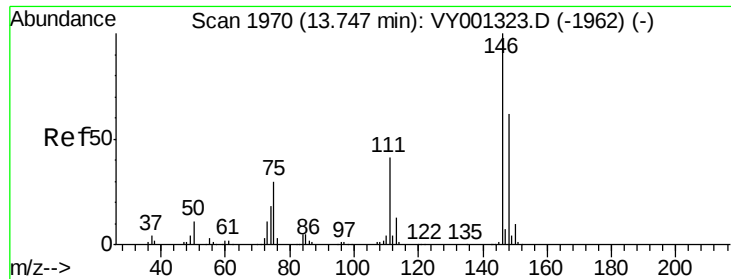
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#90
Hexachloroethane
Concen: 22.662 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	40332		
201	70.3		34.6	103.8





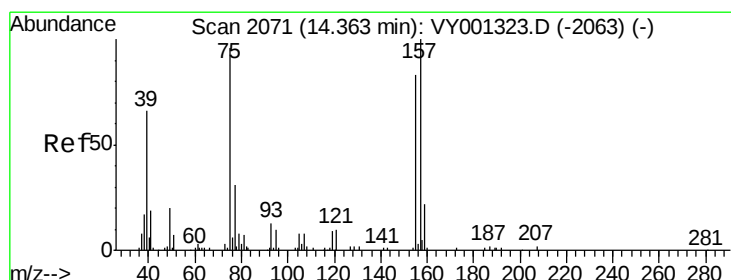
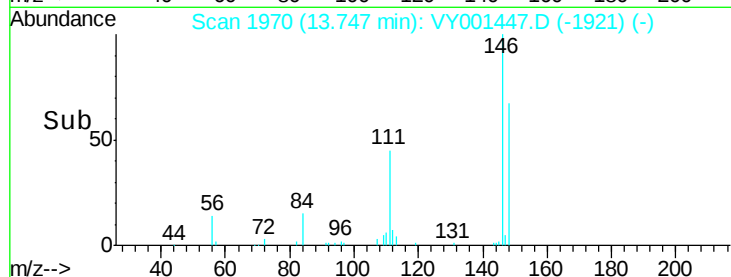
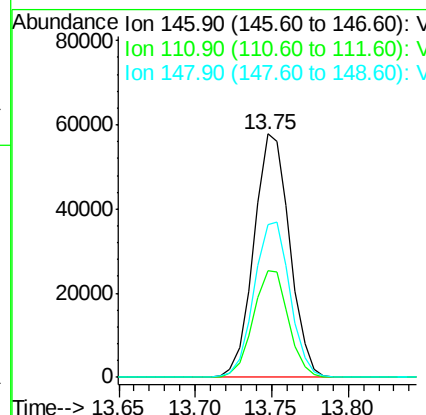
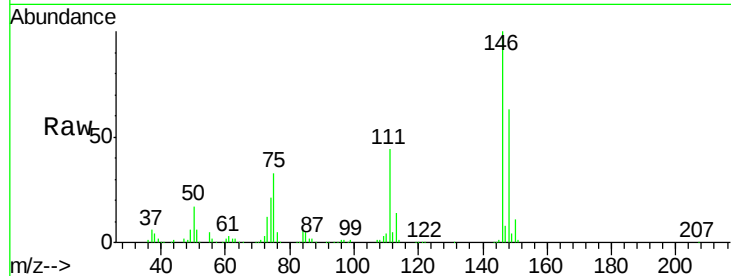
#91
 1,2-Dichlorobenzene
 Concen: 22.370 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.1	63.4
148	64.1	31.5	94.5

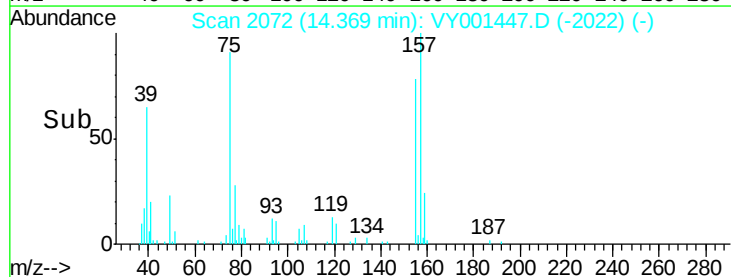
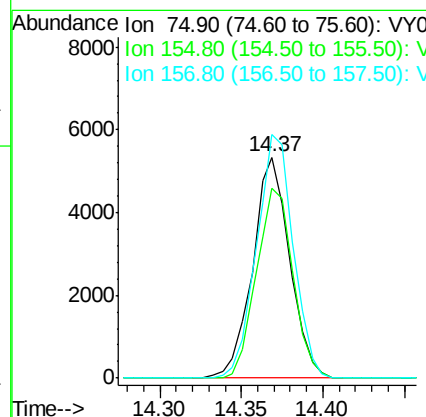
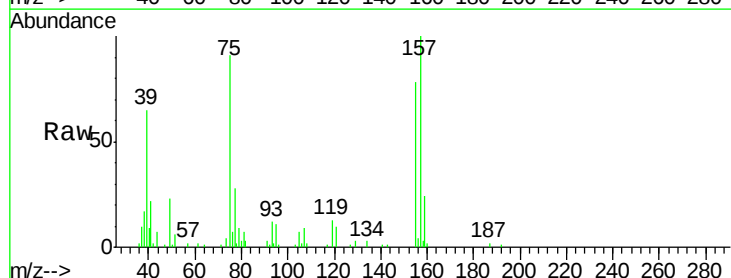
Manual Integrations
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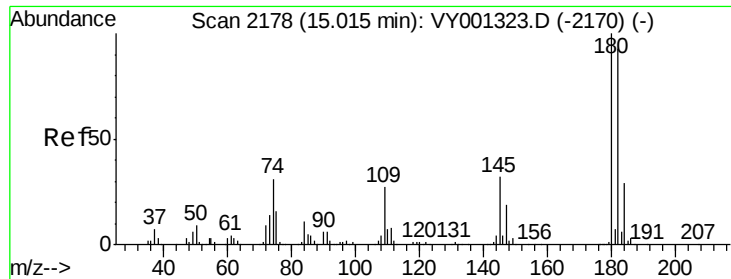
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.322 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001447.D
 Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.6	43.0	129.2
157	109.1	53.3	160.0





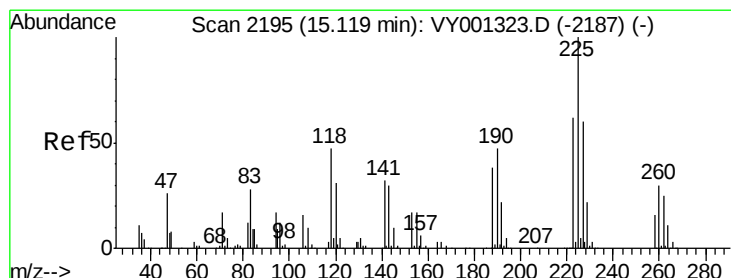
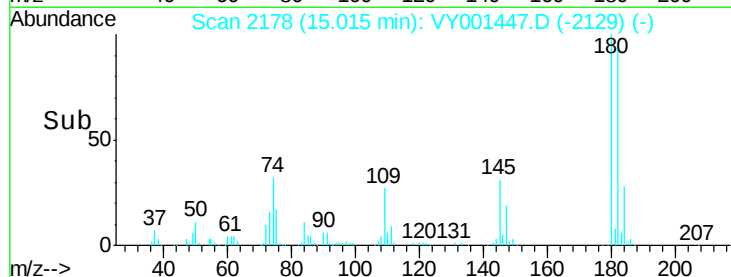
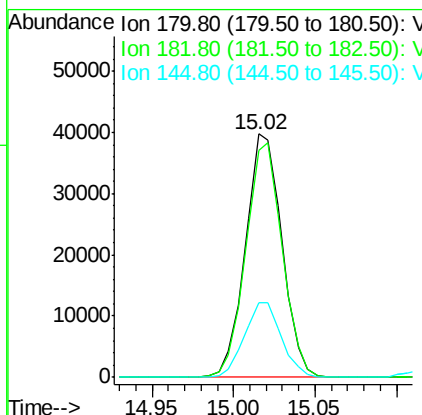
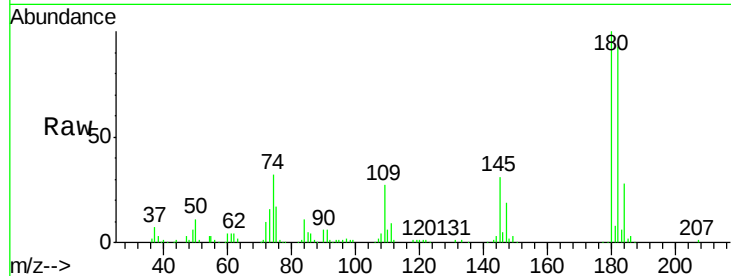
#93
1,2,4-Trichlorobenzene
Concen: 22.042 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.8
145	31.3	16.3	48.9

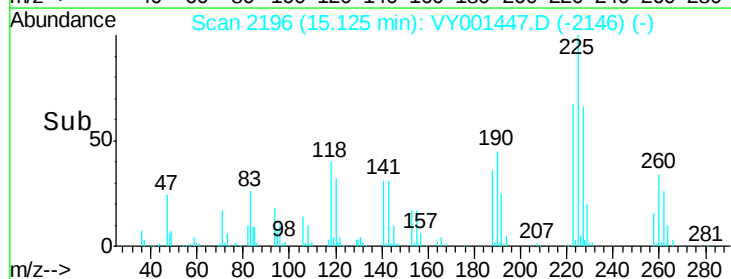
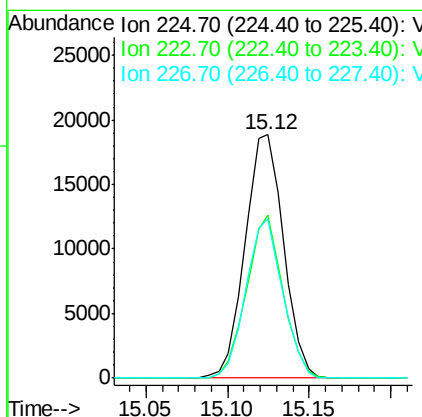
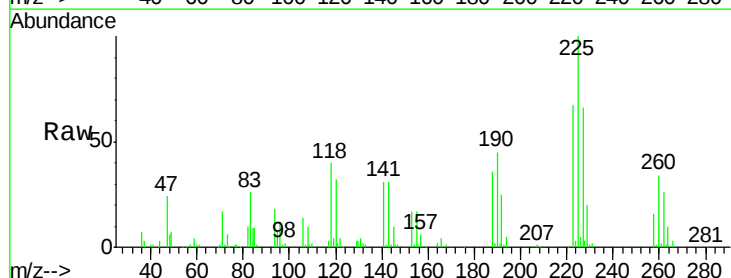
Manual Integrations
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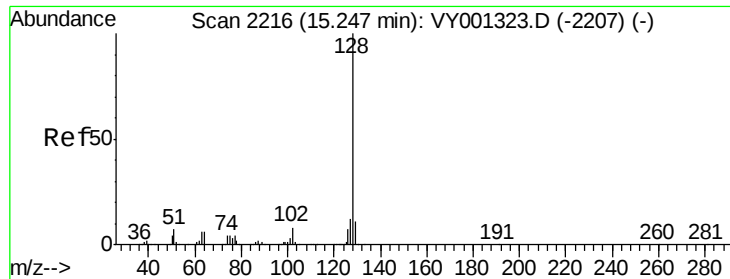
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#94
Hexachlorobutadiene
Concen: 22.545 ug/l
RT: 15.12 min Scan# 2196
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.2	93.6
227	62.6	31.0	93.0





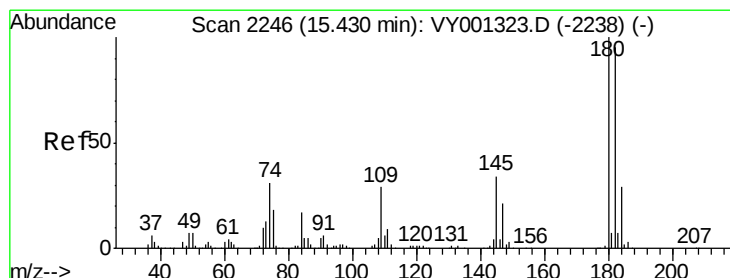
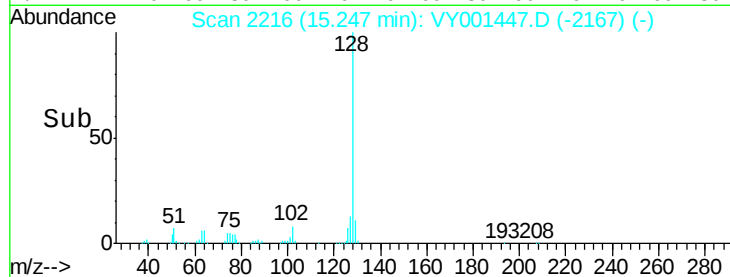
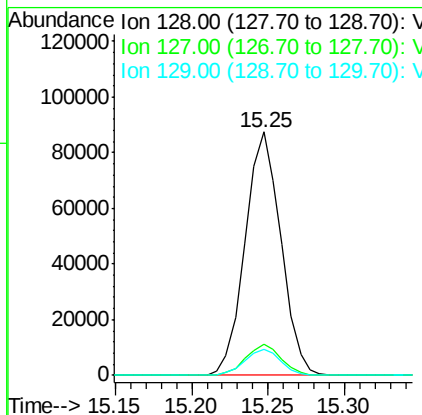
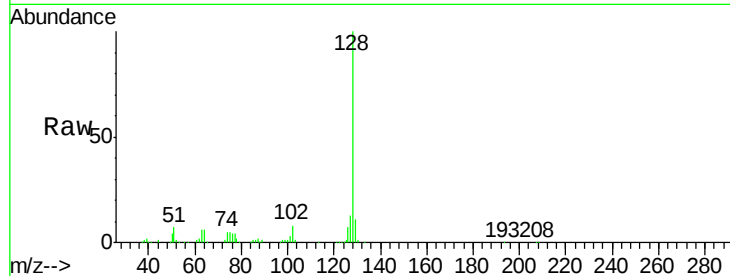
#95
Naphthalene
Concen: 22.120 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Tot Ion:	128	Resp:	142337
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.855 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001447.D
Acq: 31 Jan 2020 12:11

Tgt Ion:	180	Resp:	53951
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.3	141.8
145	34.1	16.8	50.3

