

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
 Data File : VY001347.D
 Acq On : 23 Jan 2020 12:44
 Operator : SY/MD
 Sample : VY0123SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 4:03:31 PM

Quant Time: Jan 24 07:28:43 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	204401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	351793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	308260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	148057	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	115152	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	7.75	113	107783	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
50) Toluene-d8	10.19	98	442965	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
62) 4-Bromofluorobenzene	12.49	95	161092	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	36058	22.370	ug/l	95
3) Chloromethane	2.13	50	50021	20.532	ug/l	100
4) Vinyl Chloride	2.27	62	54078	21.288	ug/l	95
5) Bromomethane	2.66	94	35503	20.752	ug/l	98
6) Chloroethane	2.81	64	33563	20.677	ug/l	95
7) Trichlorofluoromethane	3.15	101	69223	21.298	ug/l	97
8) Diethyl Ether	3.55	74	26825	19.551	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	45741	22.099	ug/l	98
10) Methyl Iodide	4.12	142	54537	19.977	ug/l	100
11) Tert butyl alcohol	4.99	59	33175	107.598	ug/l #	94
12) 1,1-Dichloroethene	3.90	96	44793	20.640	ug/l	98
13) Acrolein	3.76	56	18704	105.939	ug/l	95
14) Allyl chloride	4.52	41	78486	20.280	ug/l	99
15) Acrylonitrile	5.21	53	65710	93.563	ug/l	98
16) Acetone	3.98	43	57489	93.370	ug/l	96
17) Carbon Disulfide	4.22	76	142395	20.862	ug/l	99
18) Methyl Acetate	4.51	43	33314	17.761	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	121939	19.190	ug/l	98
20) Methylene Chloride	4.75	84	55766	17.554	ug/l	98
21) trans-1,2-Dichloroethene	5.26	96	49803	19.756	ug/l	97
22) Diisopropyl ether	6.16	45	157942	19.218	ug/l	96
23) Vinyl Acetate	6.10	43	508177	95.247	ug/l	100
24) 1,1-Dichloroethane	6.06	63	87091	20.105	ug/l	97
25) 2-Butanone	7.02	43	90365	93.344	ug/l	95
26) 2,2-Dichloropropane	7.02	77	77163	19.998	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	56135	19.925	ug/l	99
28) Bromochloromethane	7.36	49	31713	17.752	ug/l	99
29) Tetrahydrofuran	7.38	42	58613	93.063	ug/l	98
30) Chloroform	7.54	83	83152	19.584	ug/l	100
31) Cyclohexane	7.81	56	88985	20.690	ug/l	95
32) 1,1,1-Trichloroethane	7.73	97	73362	20.463	ug/l	99
36) 1,1-Dichloropropene	7.94	75	69572	20.933	ug/l	99
37) Ethyl Acetate	7.11	43	39409	19.408	ug/l	98
38) Carbon Tetrachloride	7.93	117	63221	21.344	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	93652	21.996	ug/l	97
40) Benzene	8.19	78	204315	20.502	ug/l	98
41) Methacrylonitrile	7.35	41	19579m	18.685	ug/l	
42) 1,2-Dichloroethane	8.26	62	54518	19.579	ug/l	98
43) Isopropyl Acetate	8.30	43	76675	19.419	ug/l	100
44) Trichloroethene	8.96	130	52257	20.435	ug/l	98
45) 1,2-Dichloropropane	9.24	63	51654	20.504	ug/l	100
46) Dibromomethane	9.32	93	26372	19.500	ug/l	100
47) Bromodichloromethane	9.52	83	64491	19.947	ug/l	96
48) Methyl methacrylate	9.31	41	34769	19.370	ug/l	99
49) 1,4-Dioxane	9.32	88	7475	391.933	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	192908	94.869	ug/l	99
52) Toluene	10.25	92	128732	20.378	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	70171	19.582	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	81844	19.898	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	38718	19.396	ug/l	95
56) Ethyl methacrylate	10.52	69	57645	19.106	ug/l	99
57) 1,3-Dichloropropane	10.80	76	68839	19.797	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	108340	103.772	ug/l	100
59) 2-Hexanone	10.85	43	136987	96.770	ug/l	100
60) Dibromochloromethane	11.00	129	43048	19.281	ug/l	97
61) 1,2-Dibromoethane	11.10	107	37074	19.646	ug/l	99
64) Tetrachloroethene	10.73	164	42481	21.574	ug/l	98
65) Chlorobenzene	11.53	112	132979	20.466	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	45298	20.428	ug/l	98
67) Ethyl Benzene	11.60	91	250332	20.905	ug/l	98
68) m/p-Xylenes	11.71	106	185901	41.567	ug/l	100
69) o-Xylene	12.04	106	88666	20.609	ug/l	100
70) Styrene	12.05	104	154225	20.431	ug/l	99
71) Bromoform	12.22	173	25941	19.598	ug/l #	97
73) Isopropylbenzene	12.34	105	238835	20.443	ug/l	100
74) N-amyl acetate	12.15	43	71857	18.790	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	47089	18.820	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	29351m	16.451	ug/l	
77) Bromobenzene	12.61	156	51714	19.985	ug/l	99
78) n-propylbenzene	12.68	91	292585	20.807	ug/l	100
79) 2-Chlorotoluene	12.77	91	162834	20.270	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	199787	20.487	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	17756	18.834	ug/l	98
82) 4-Chlorotoluene	12.86	91	174296	20.312	ug/l	100
83) tert-Butylbenzene	13.08	119	169908	20.669	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	200573	20.486	ug/l	100
85) sec-Butylbenzene	13.26	105	245420	21.013	ug/l	99
86) p-Isopropyltoluene	13.38	119	216518	21.037	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	102545	20.577	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	102081	20.174	ug/l	98
89) n-Butylbenzene	13.70	91	217541	21.002	ug/l	99
90) Hexachloroethane	13.97	117	40156	20.583	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	92115	20.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8006	18.543	ug/l	98

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ClientSampleId :
VY0123SBSD01

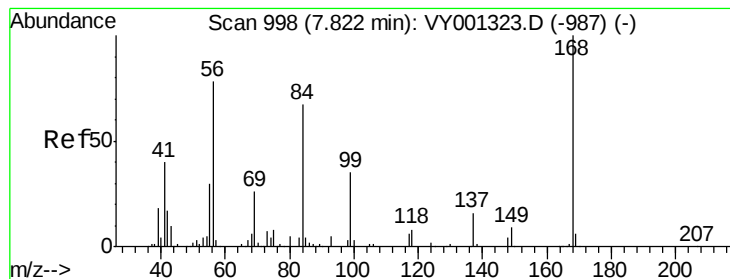
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	60994	19.773	ug/l	99
94) Hexachlorobutadiene	15.12	225	31088	20.698	ug/l	96
95) Naphthalene	15.24	128	137799	19.536	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	53977	19.948	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: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion:168 Resp: 204401

Ion Ratio Lower Upper

168 100

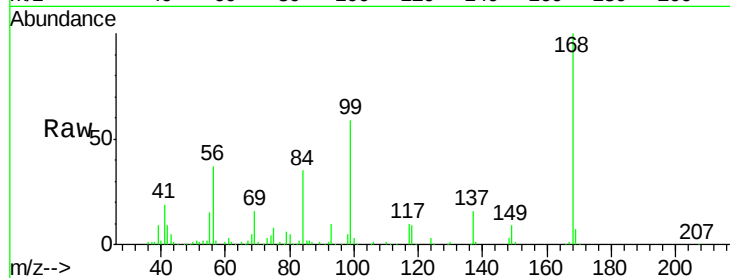
99 58.8 44.3 66.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.82

100000

80000

60000

40000

20000

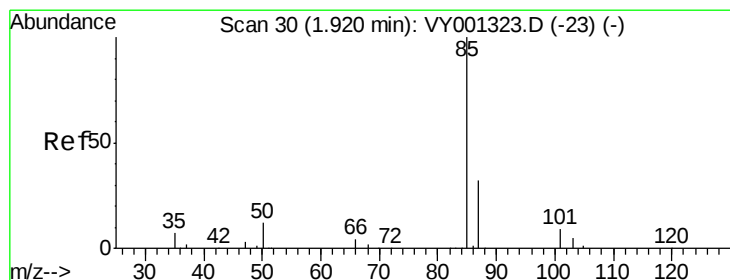
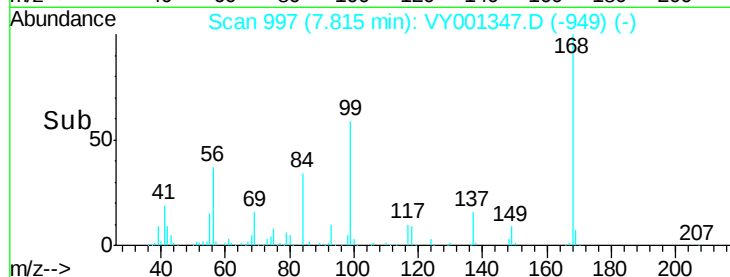
0

Time-->

7.70

7.80

7.90



#2

Dichlorodifluoromethane

Concen: 22.370 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001347.D

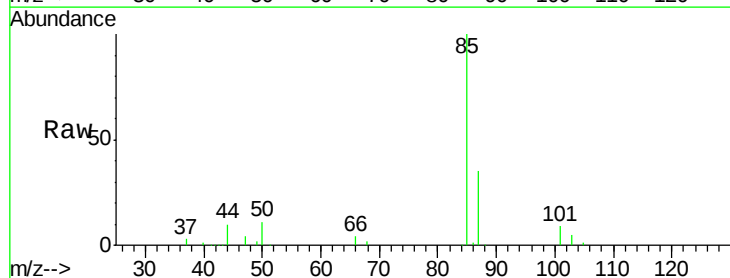
Acq: 23 Jan 2020 12:44

Tgt Ion: 85 Resp: 36058

Ion Ratio Lower Upper

85 100

87 35.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

25000

20000

15000

10000

5000

0

Time-->

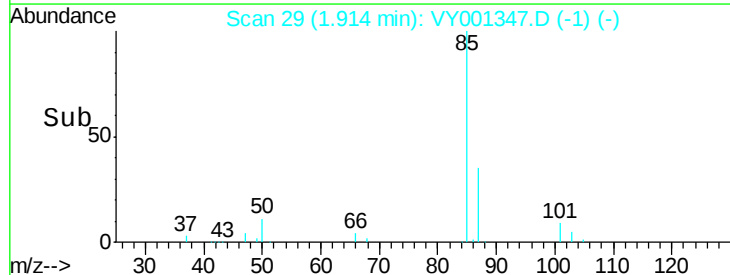
1.85

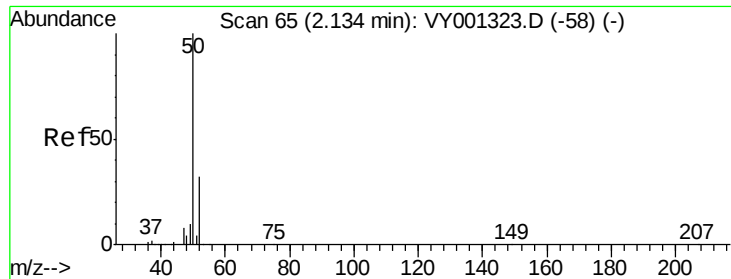
1.90

1.95

2.00

2.05





#3

Chloromethane

Concen: 20.532 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion: 50 Resp: 50021

Ion Ratio Lower Upper

50 100

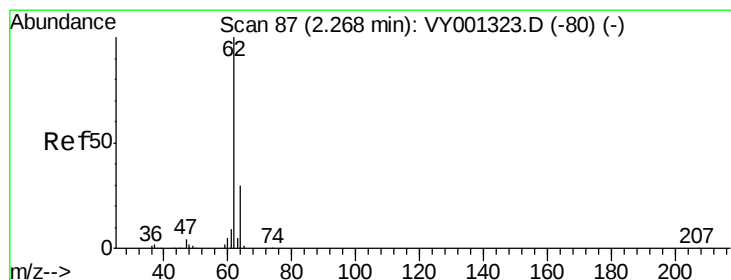
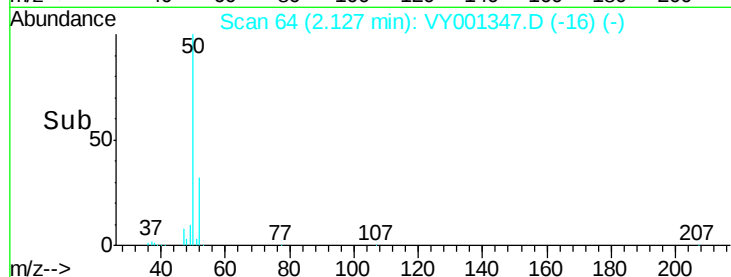
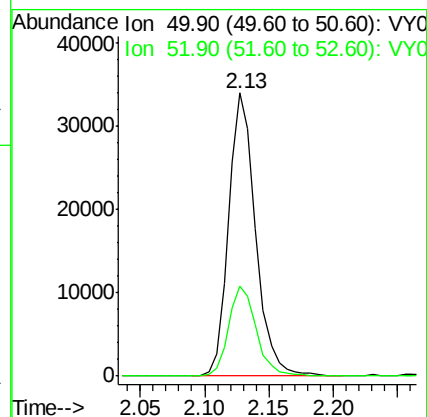
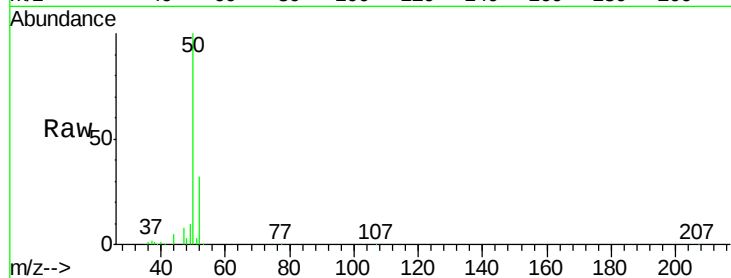
52 32.1 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.288 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001347.D

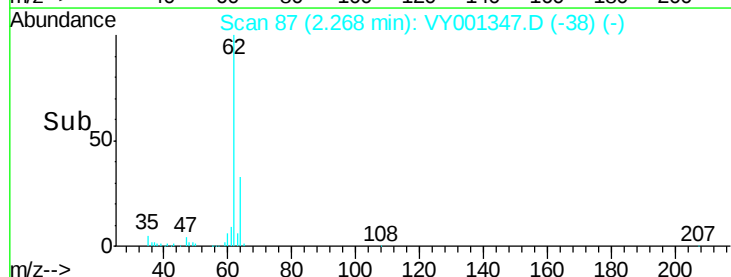
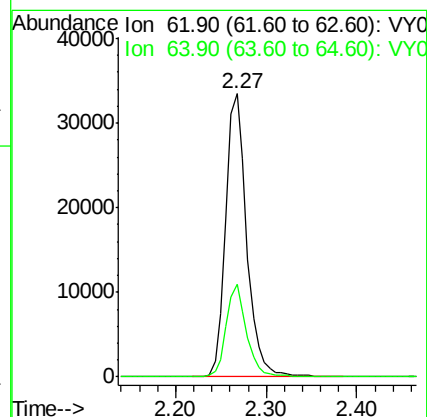
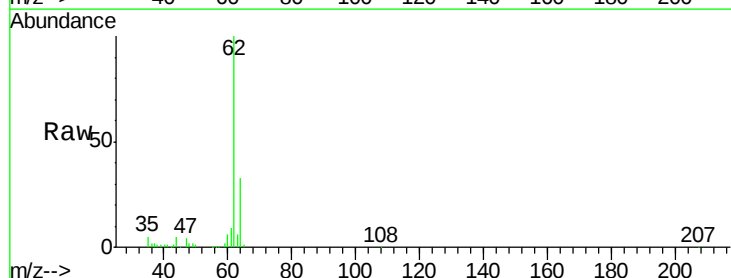
Acq: 23 Jan 2020 12:44

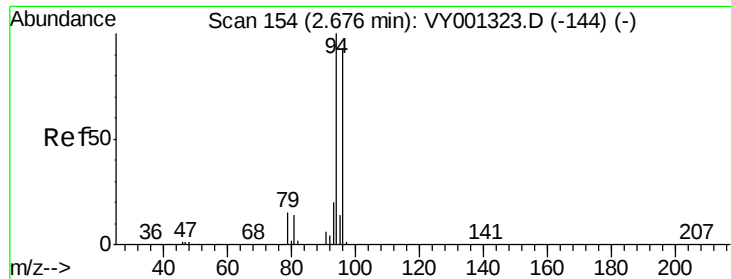
Tgt Ion: 62 Resp: 54078

Ion Ratio Lower Upper

62 100

64 32.8 23.9 35.9





#5

Bromomethane

Concen: 20.752 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.02 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion: 94 Resp: 35503

Ion Ratio Lower Upper

94 100

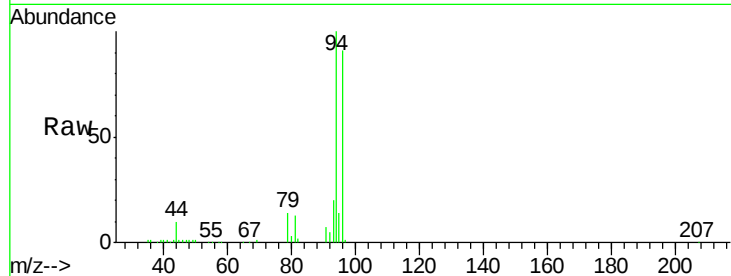
96 90.9 74.6 111.8

Manual Integrations

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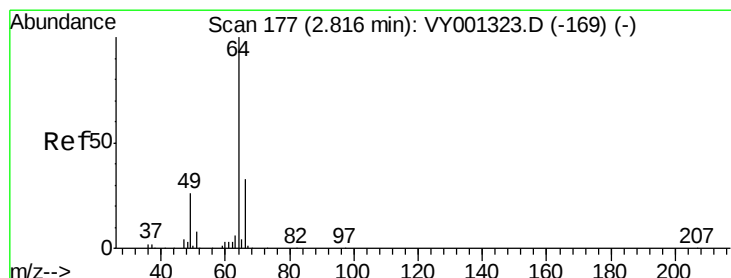
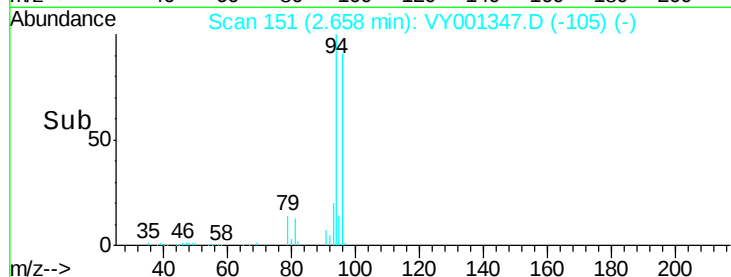
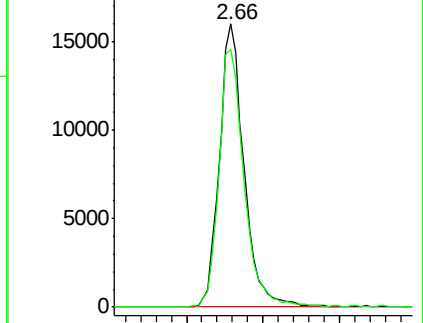
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.677 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001347.D

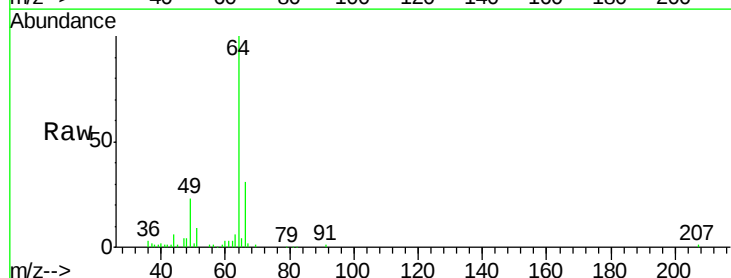
Acq: 23 Jan 2020 12:44

Tgt Ion: 64 Resp: 33563

Ion Ratio Lower Upper

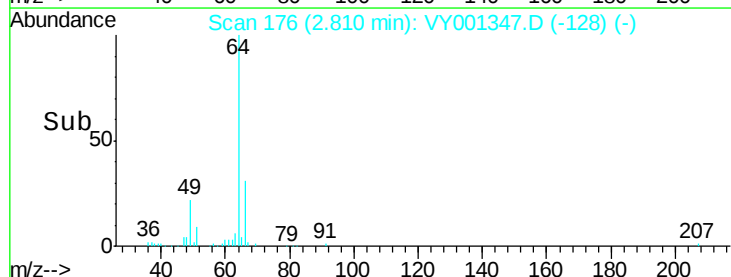
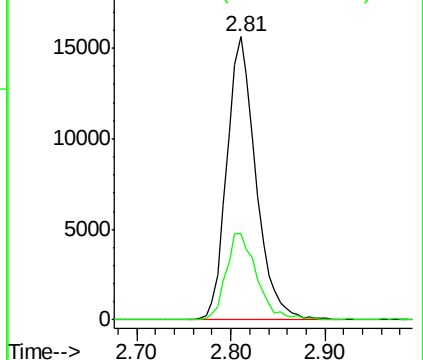
64 100

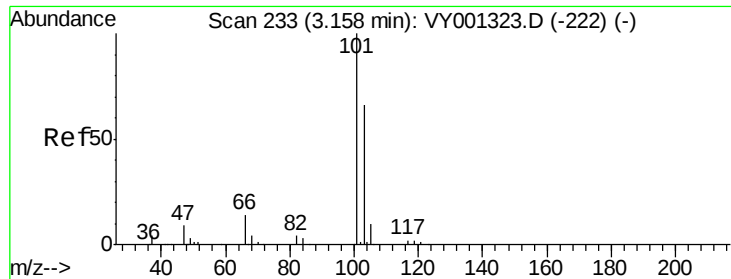
66 30.5 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

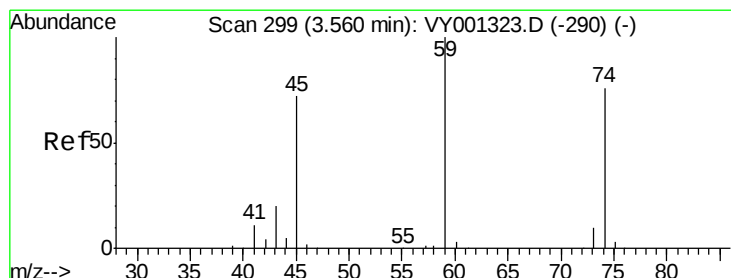
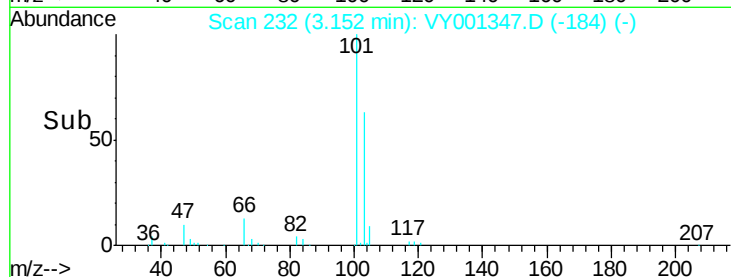
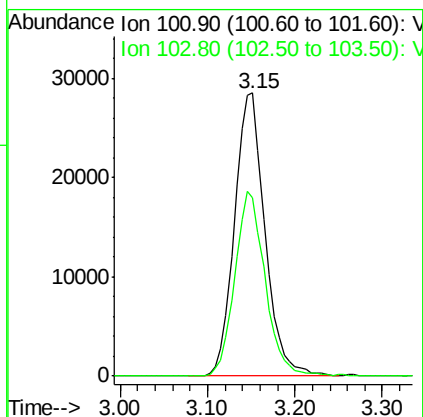
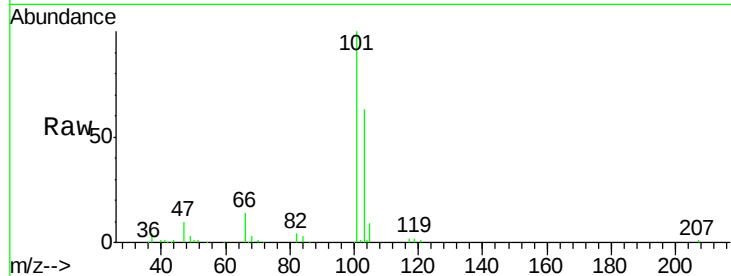
Trichlorofluoromethane
Concen: 21.298 ug/l
RT: 3.15 min Scan# 232
Delta R.T. -0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

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VY0123SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	52.5	78.7

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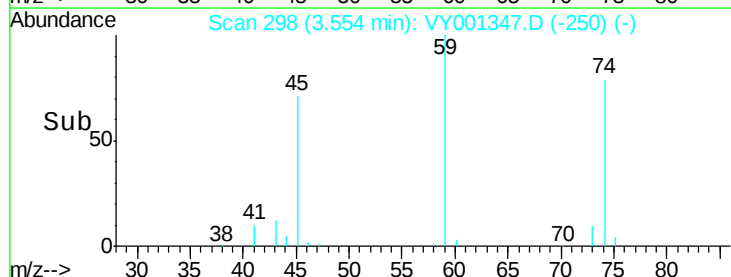
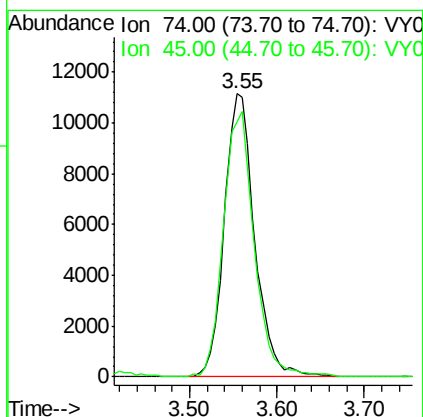
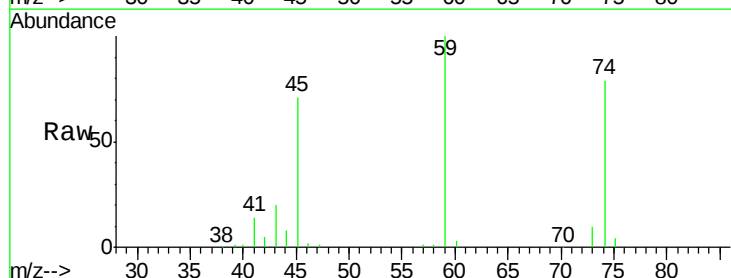
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1/24/2020 4:03:31 PM



#8

Diethyl Ether
Concen: 19.551 ug/l
RT: 3.55 min Scan# 298
Delta R.T. -0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.099 ug/l

RT: 3.93 min Scan# 360

Delta R.T. -0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

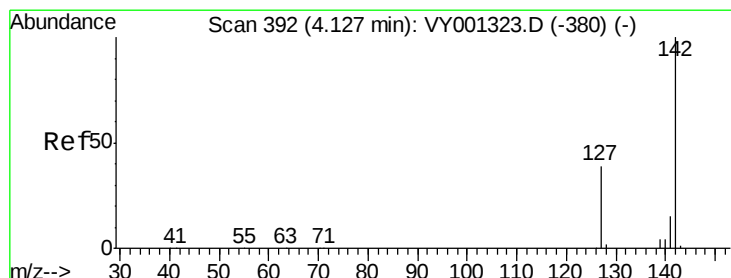
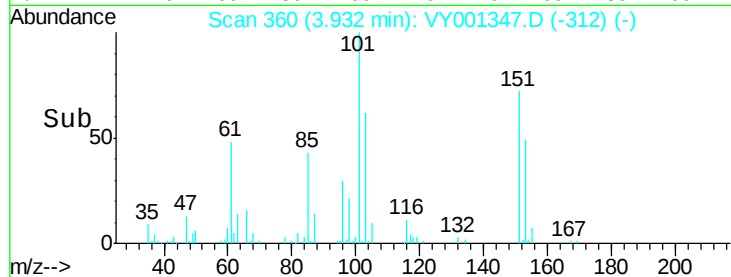
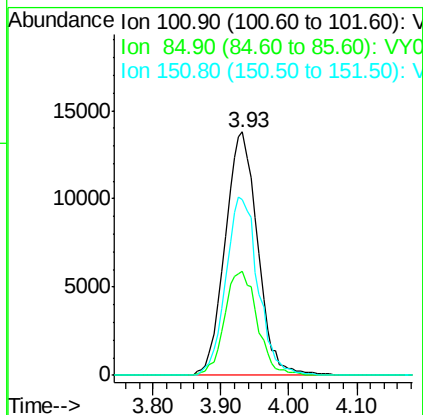
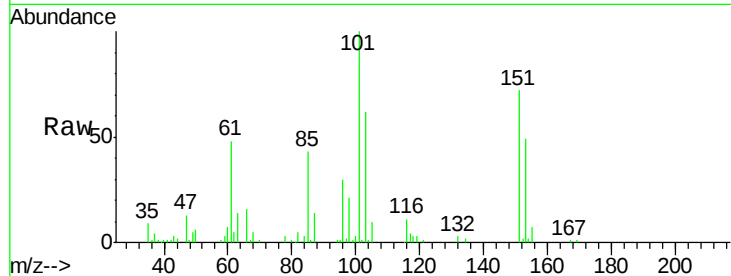
ClientSampleId :

VY0123SBS01

Tot Ion:	101	Resp:	45741
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.9	52.3
151	72.7	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 19.977 ug/l

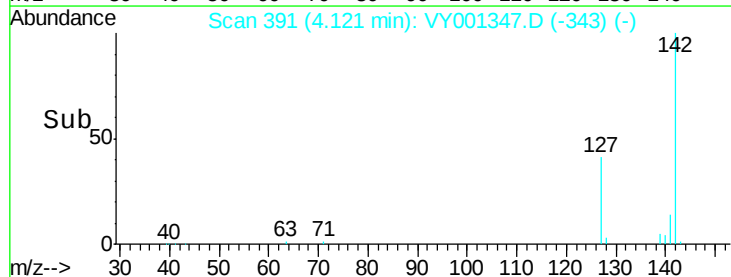
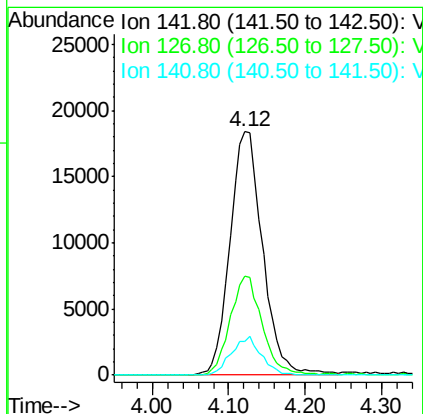
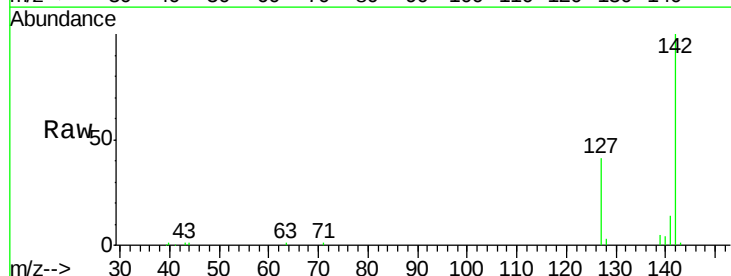
RT: 4.12 min Scan# 391

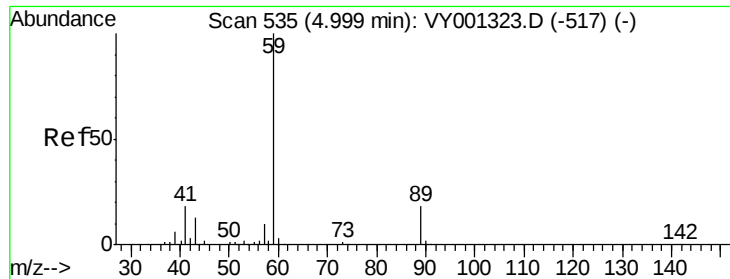
Delta R.T. -0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Tgt Ion:	142	Resp:	54537
Ion Ratio	Lower	Upper	
142	100		
127	39.4	31.6	47.4
141	14.5	11.2	16.8





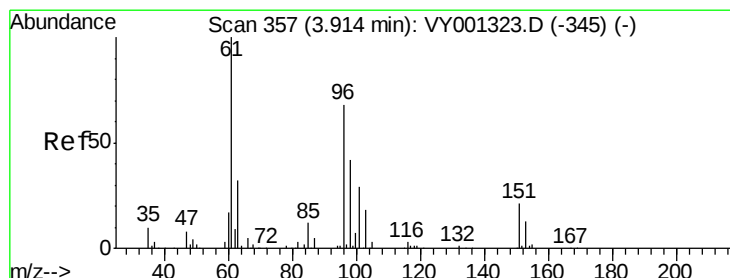
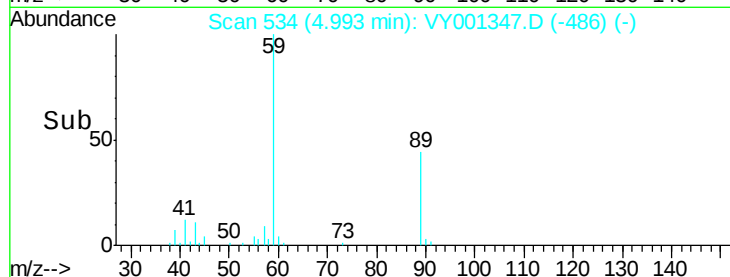
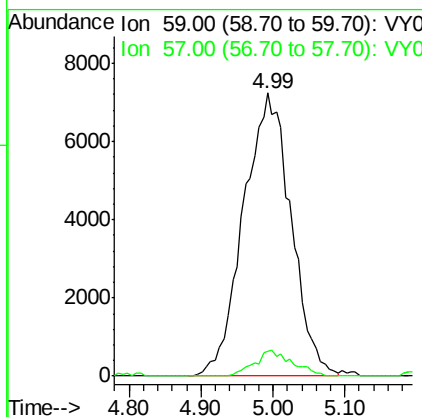
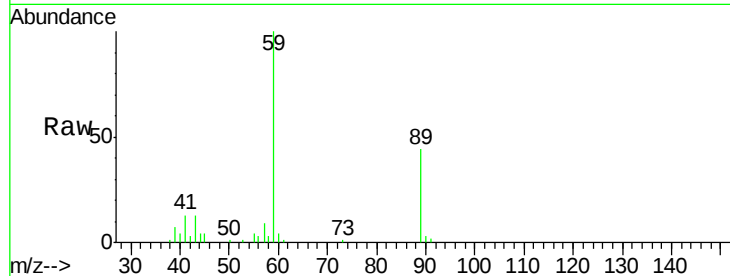
#11
Tert butyl alcohol
Concen: 107.598 ug/l
RT: 4.99 min Scan# 534
Delta R.T. -0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion: 59 Resp: 33175
Ion Ratio Lower Upper
59 100
57 7.2 7.4 11.2#

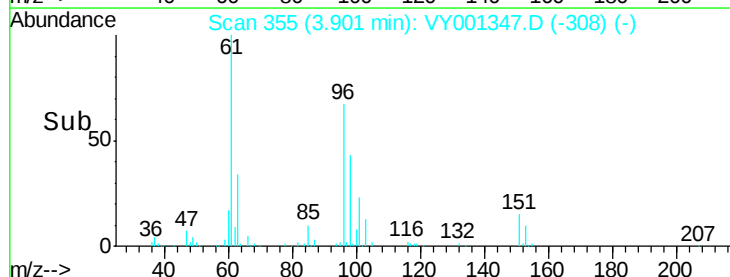
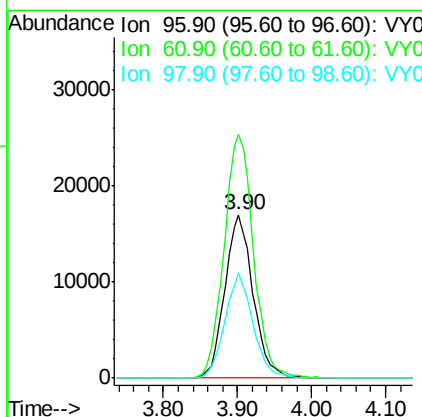
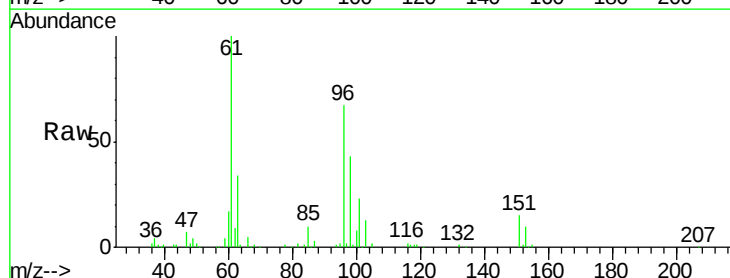
Manual Integrations
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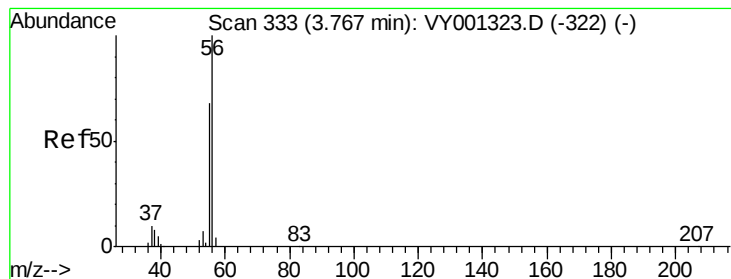
MMDadoda
1/24/2020 4:03:31 PM



#12
1,1-Dichloroethene
Concen: 20.640 ug/l
RT: 3.90 min Scan# 355
Delta R.T. -0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion: 96 Resp: 44793
Ion Ratio Lower Upper
96 100
61 149.4 118.0 177.0
98 64.5 49.4 74.2





#13

Acrolein

Concen: 105.939 ug/l

RT: 3.76 min Scan# 332

Delta R.T. -0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion: 56 Resp: 18704

Ion Ratio Lower Upper

56 100

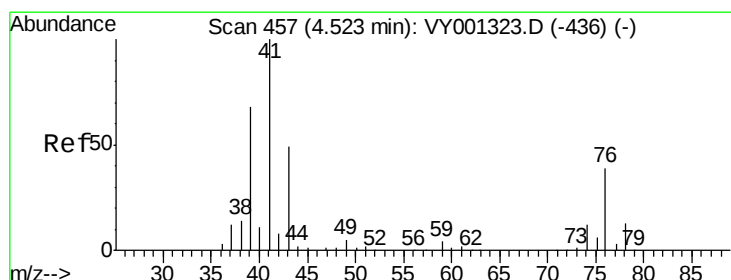
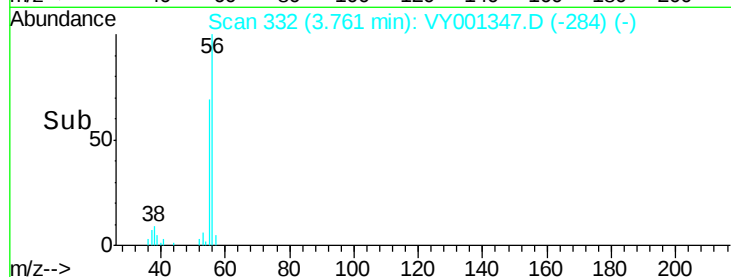
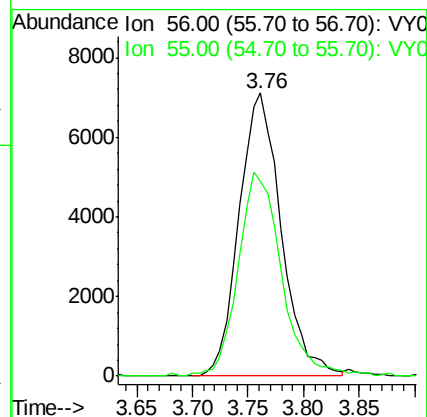
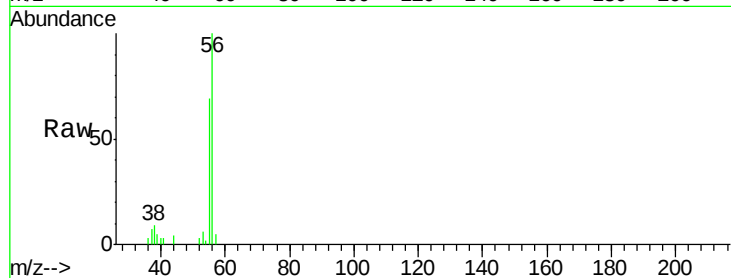
55 74.1 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 20.280 ug/l

RT: 4.52 min Scan# 456

Delta R.T. -0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

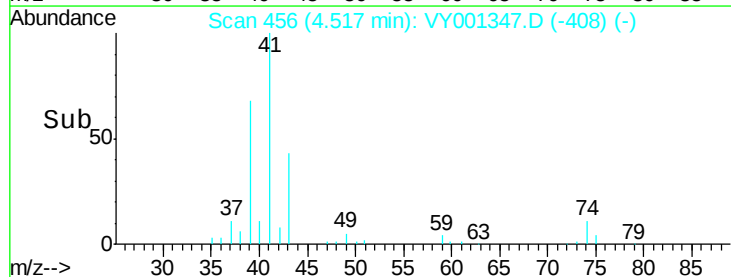
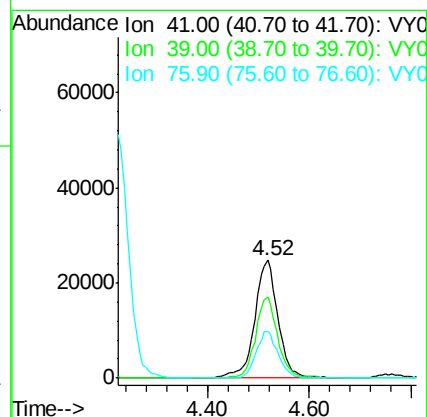
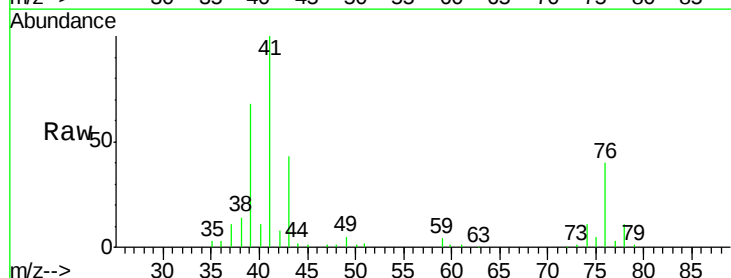
Tgt Ion: 41 Resp: 78486

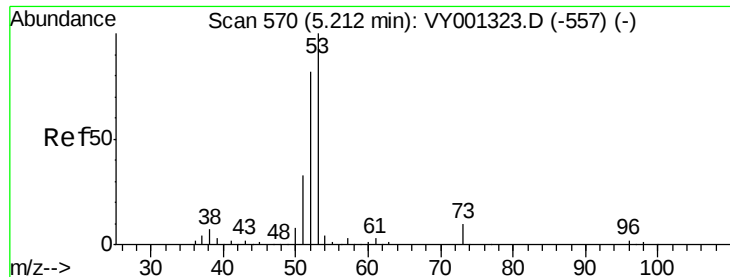
Ion Ratio Lower Upper

41 100

39 65.9 52.2 78.4

76 37.5 29.1 43.7





#15

Acrylonitrile

Concen: 93.563 ug/l

RT: 5.21 min Scan# 569

Delta R.T. -0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

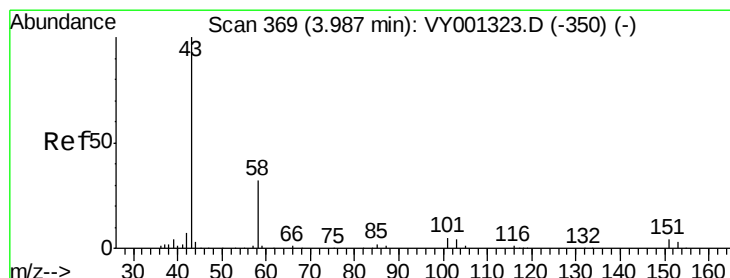
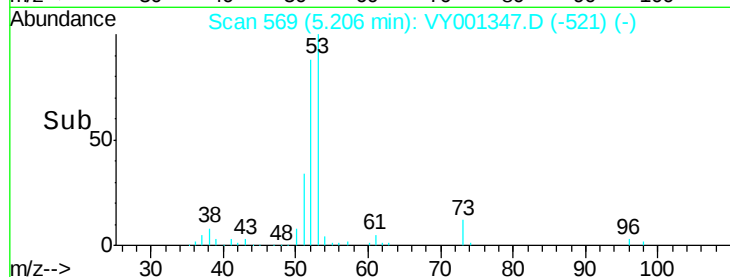
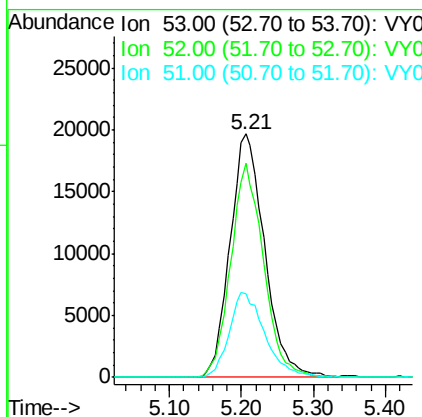
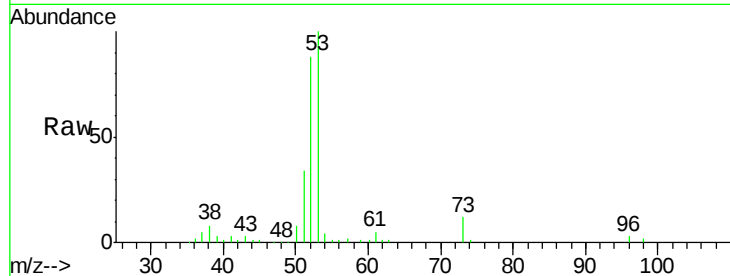
ClientSampleId :

VY0123SBS01

Tot Ion:	53	Resp:	65710
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.3	97.9
51	36.0	28.4	42.6

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#16

Acetone

Concen: 93.370 ug/l

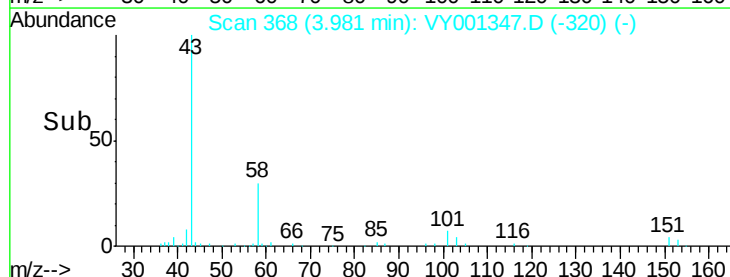
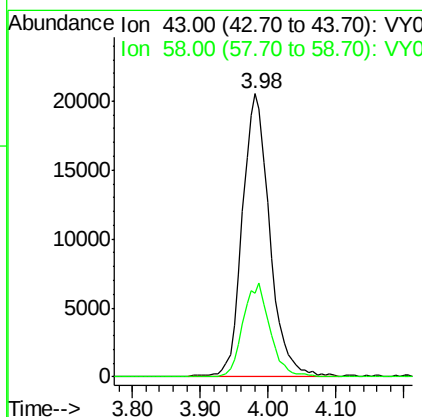
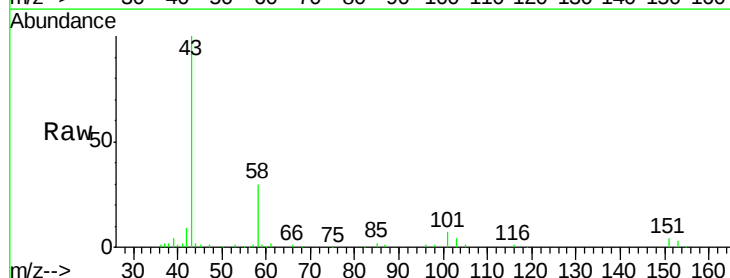
RT: 3.98 min Scan# 368

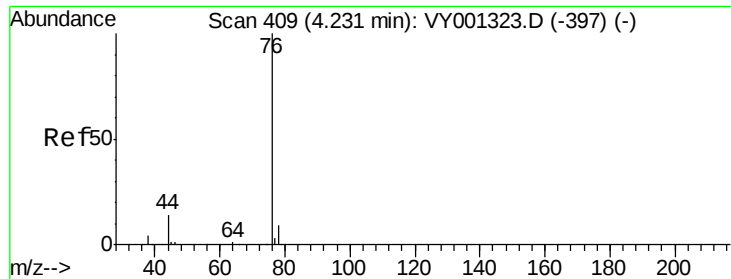
Delta R.T. -0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Tgt Ion:	43	Resp:	57489
Ion	Ratio	Lower	Upper
43	100		
58	29.7	25.4	38.0





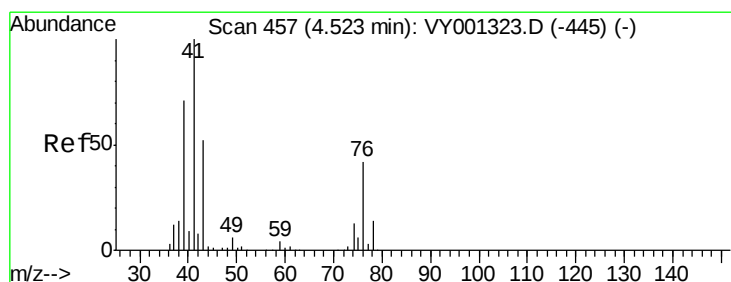
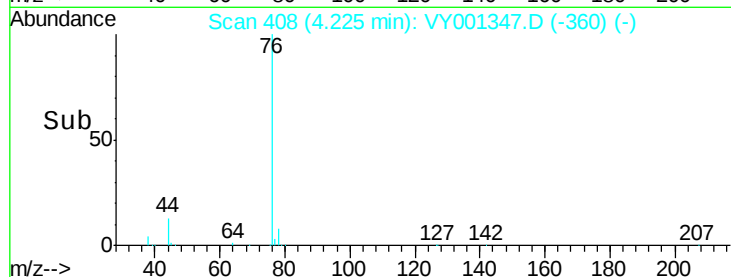
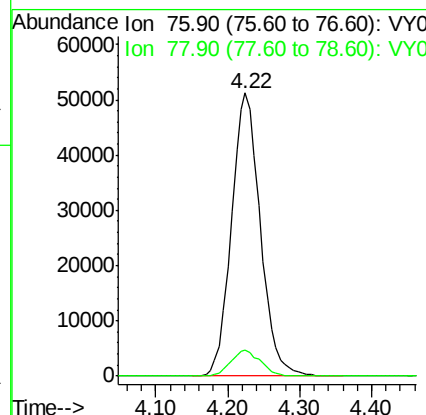
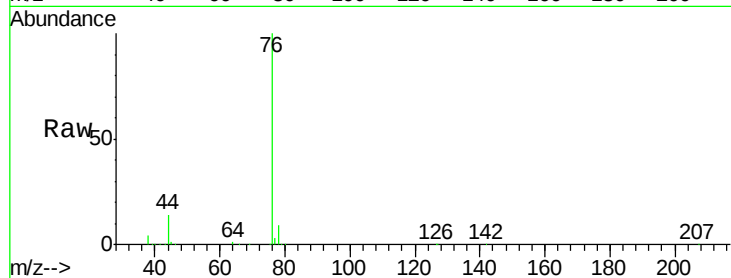
#17
Carbon Disulfide
Concen: 20.862 ug/l
RT: 4.22 min Scan# 408
Delta R.T. -0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

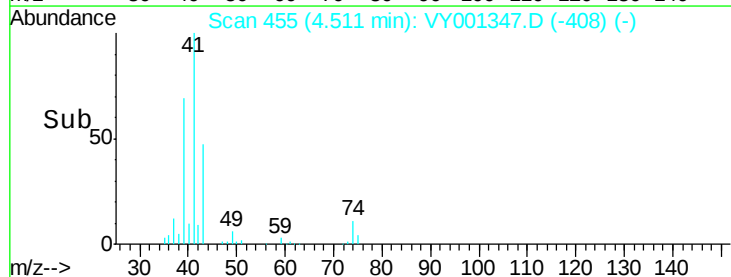
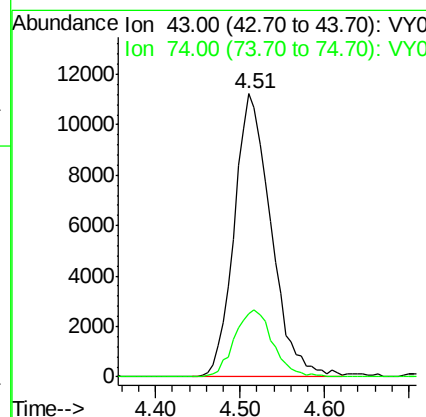
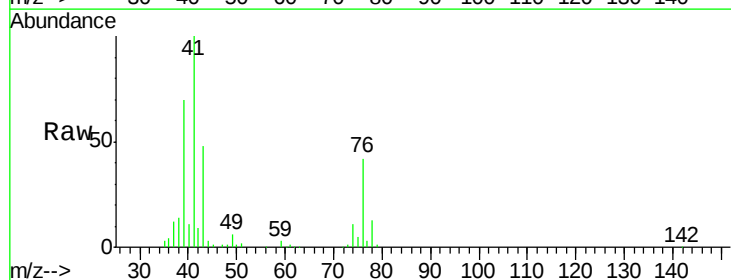
Manual Integrations
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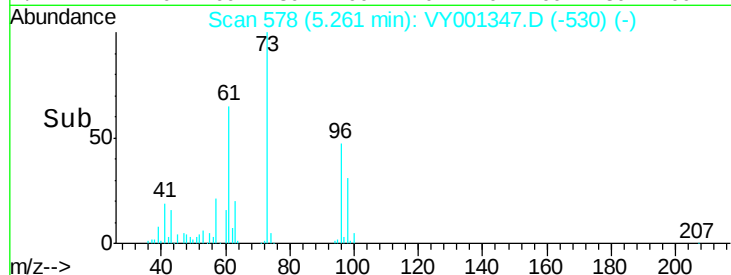
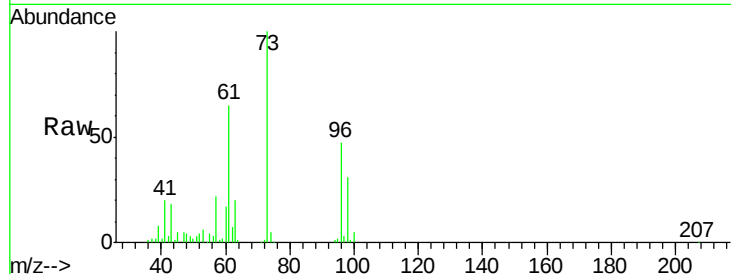
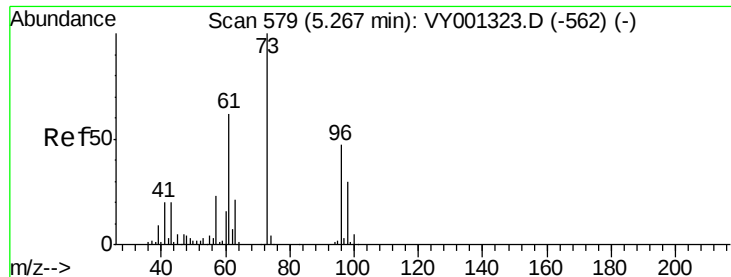
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#18
Methyl Acetate
Concen: 17.761 ug/l
RT: 4.51 min Scan# 455
Delta R.T. -0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.4	29.2





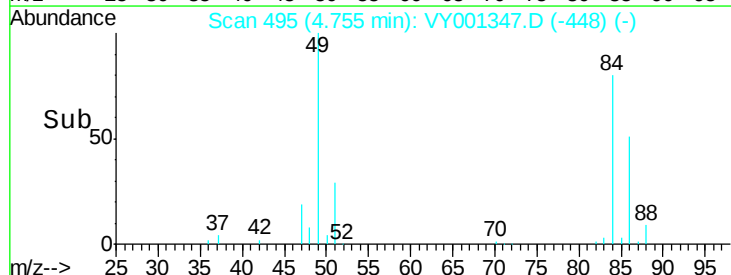
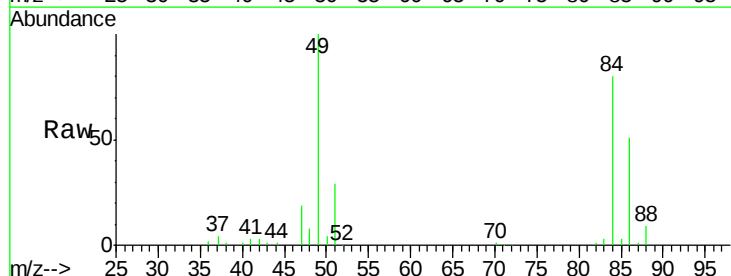
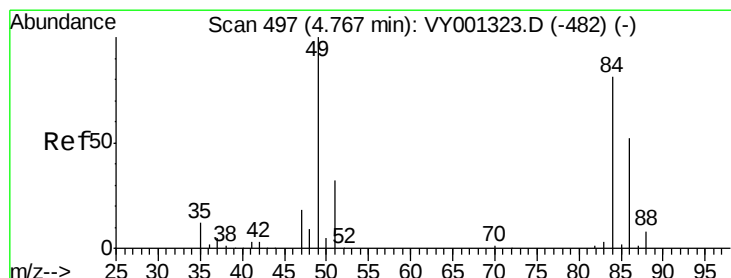
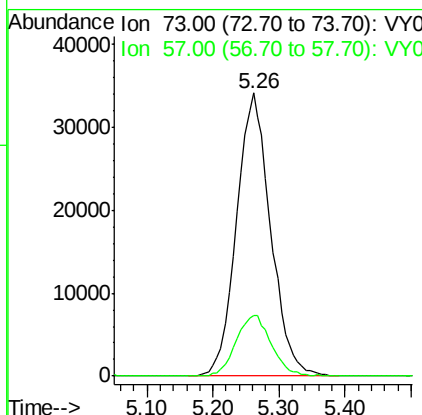
#19
Methyl tert-butyl Ether
Concen: 19.190 ug/l
RT: 5.26 min Scan# 578
Delta R.T. -0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tot Ion: 73 Resp: 121939
Ion Ratio Lower Upper
73 100
57 21.6 18.2 27.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

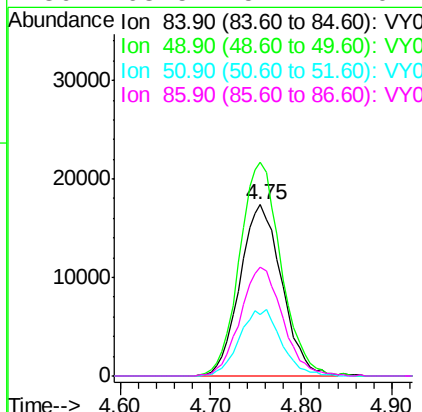
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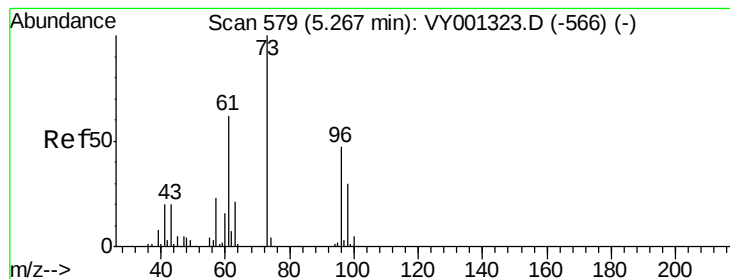
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#20
Methylene Chloride
Concen: 17.554 ug/l
RT: 4.75 min Scan# 495
Delta R.T. -0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion: 84 Resp: 55766
Ion Ratio Lower Upper
84 100
49 124.8 98.3 147.5
51 35.6 31.6 47.4
86 63.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.756 ug/l

RT: 5.26 min Scan# 578

Delta R.T. -0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion: 96 Resp: 49803

Ion Ratio Lower Upper

96 100

61 137.2 106.8 160.2

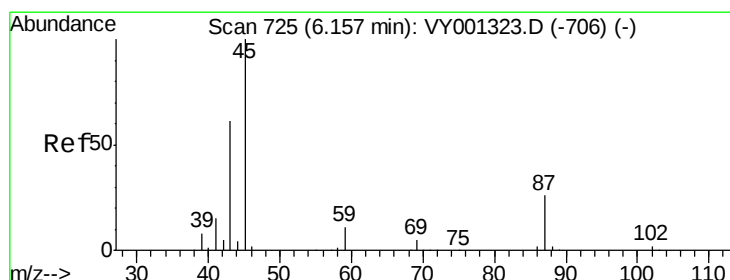
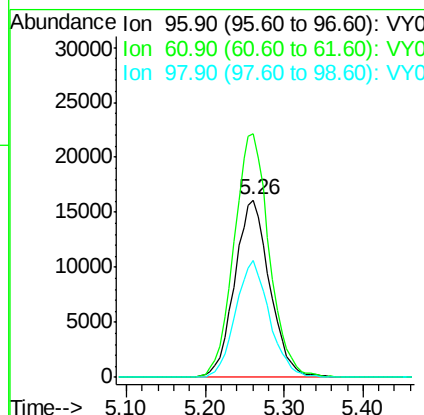
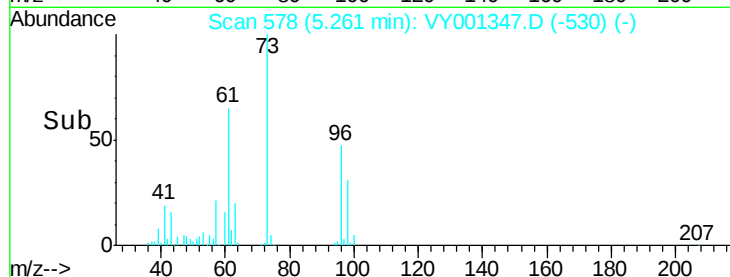
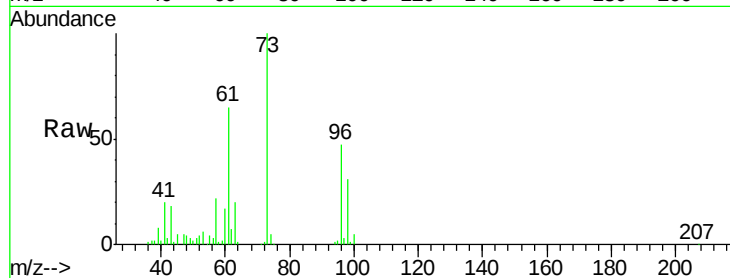
98 66.1 51.0 76.6

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#22

Diisopropyl ether

Concen: 19.218 ug/l

RT: 6.16 min Scan# 725

Delta R.T. -0.00 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Tgt Ion: 45 Resp: 157942

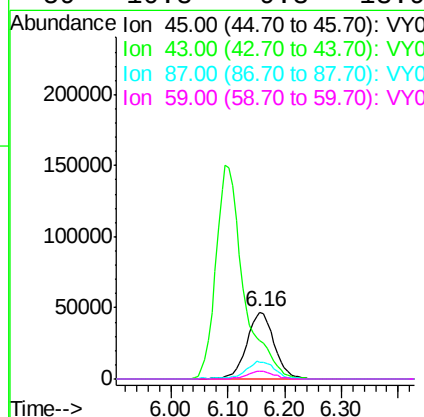
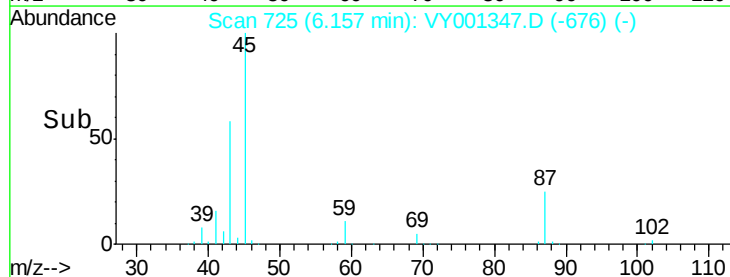
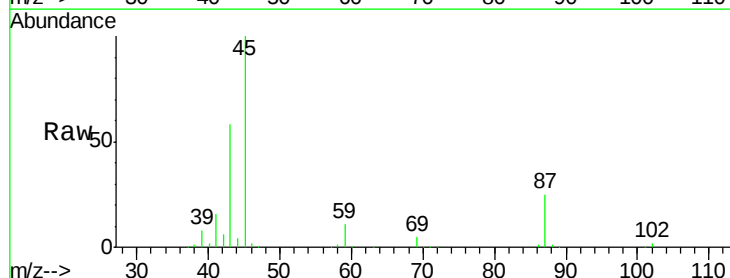
Ion Ratio Lower Upper

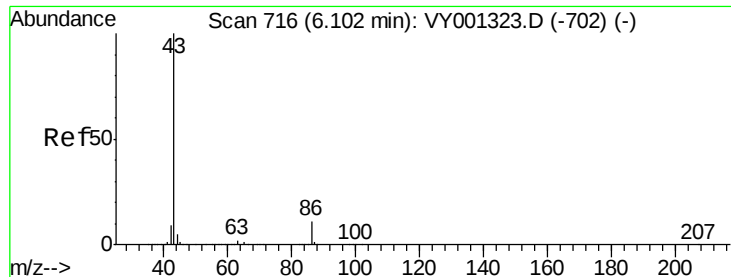
45 100

43 57.4 49.2 73.8

87 25.4 21.4 32.2

59 10.8 9.3 13.9





#23

Vinyl Acetate

Concen: 95.247 ug/l

RT: 6.10 min Scan# 715

Delta R.T. -0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion: 43 Resp: 508177

Ion Ratio Lower Upper

43 100

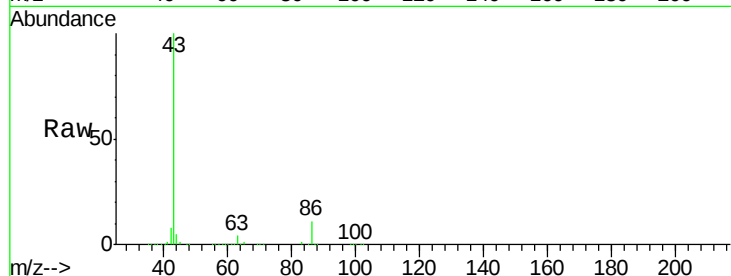
86 10.9 8.6 13.0

Manual Integrations

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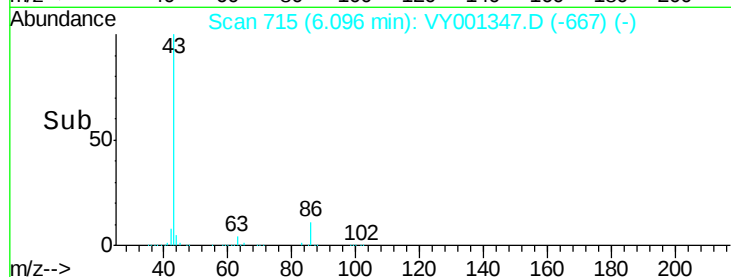
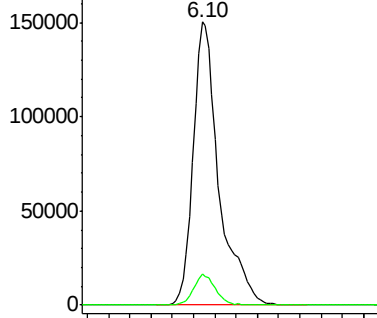
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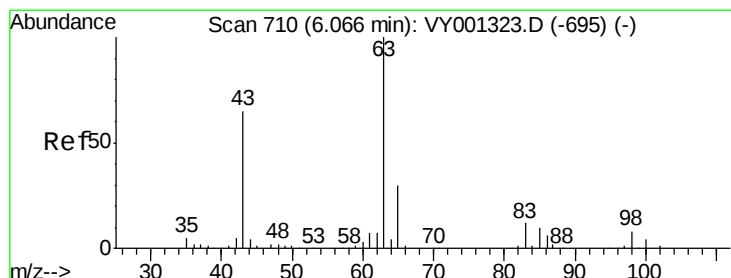


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 20.105 ug/l

RT: 6.06 min Scan# 709

Delta R.T. -0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

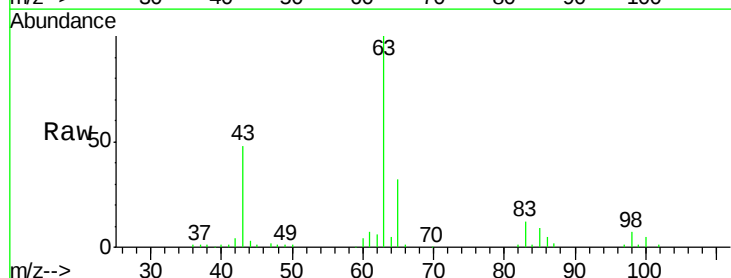
Tgt Ion: 63 Resp: 87091

Ion Ratio Lower Upper

63 100

98 6.9 4.0 12.0

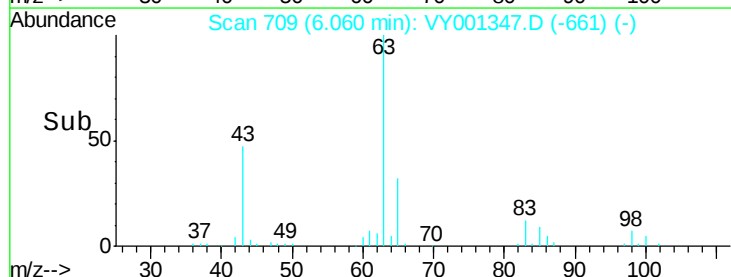
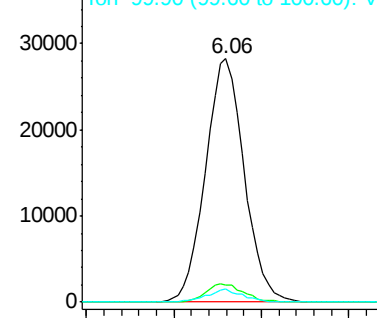
100 5.2 2.1 6.3



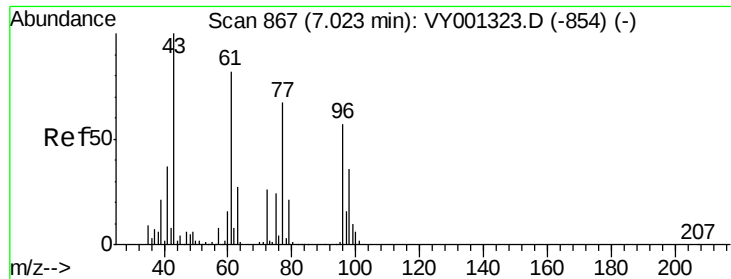
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->



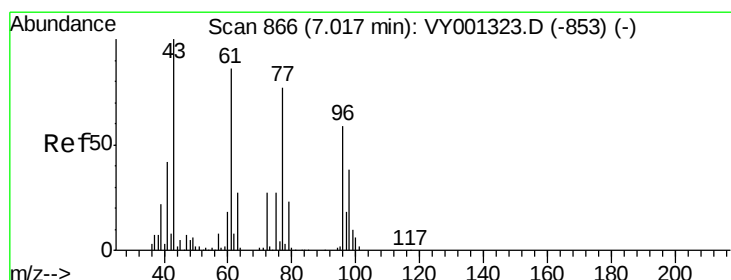
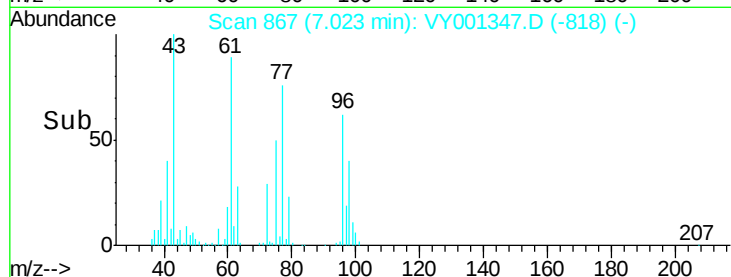
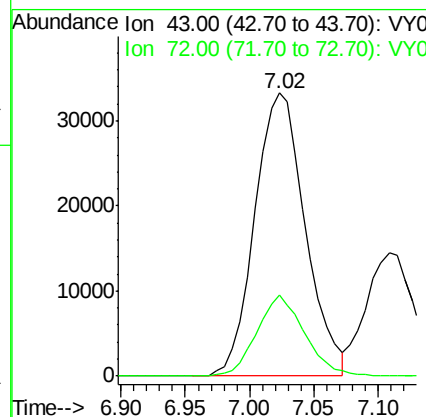
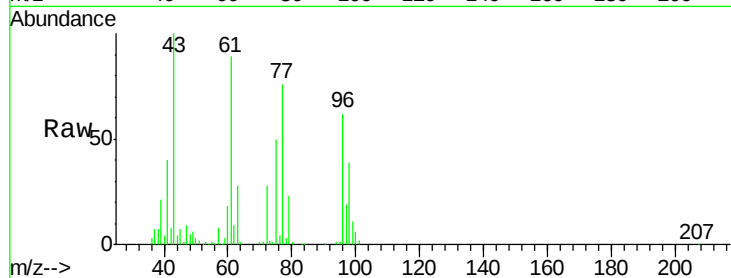
#25
2-Butanone
Concen: 93.344 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion: 43 Resp: 90365
Ion Ratio Lower Upper
43 100
72 28.5 20.6 31.0

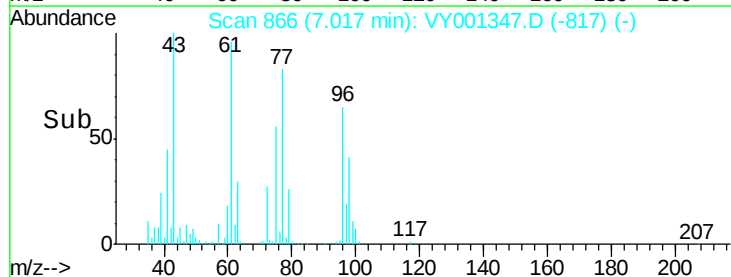
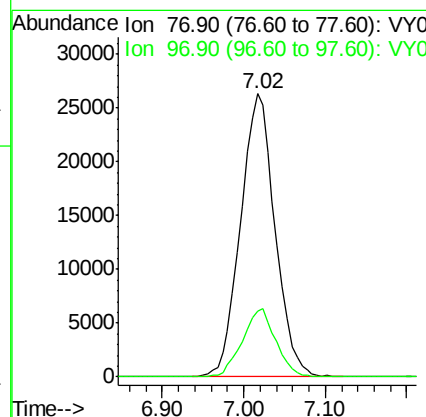
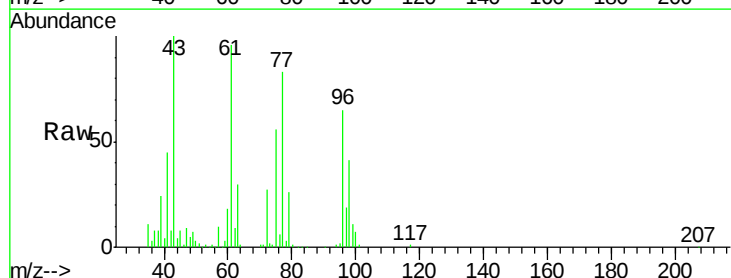
Manual Integrations
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#26
2,2-Dichloropropane
Concen: 19.998 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion: 77 Resp: 77163
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.5





#27

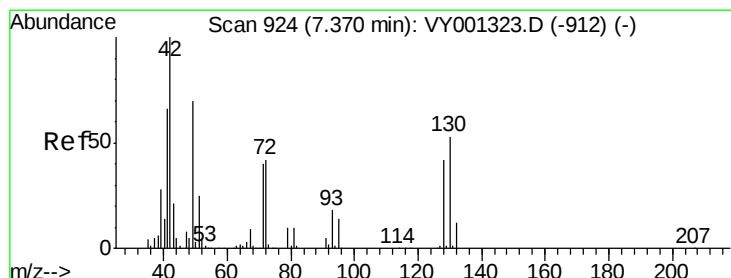
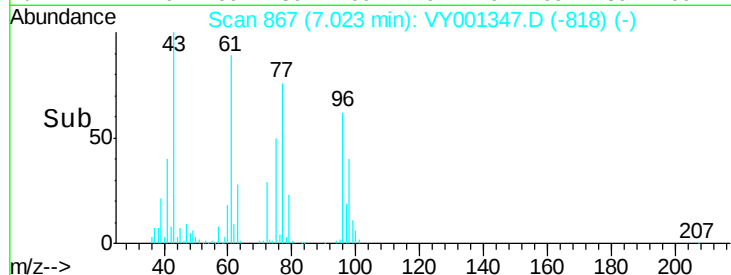
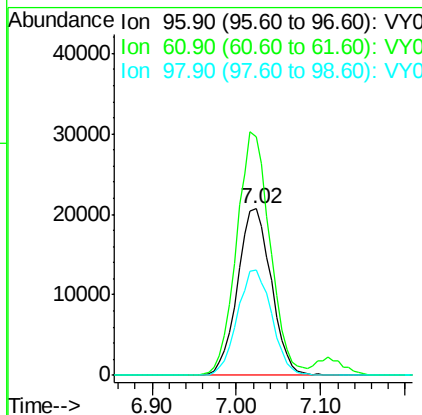
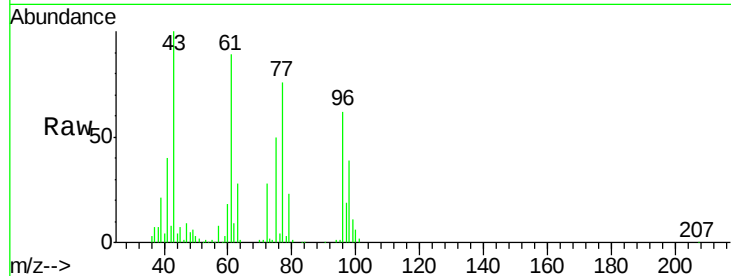
cis-1,2-Dichloroethene
Concen: 19.925 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	284.8
98	64.2	0.0	128.4

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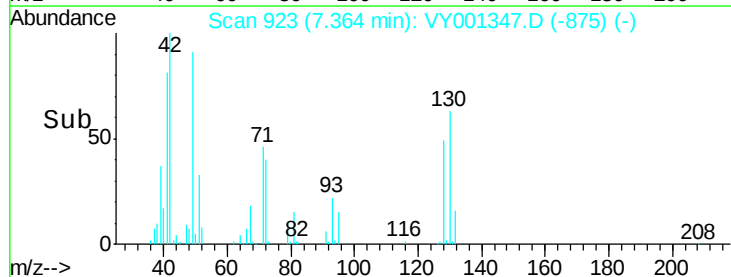
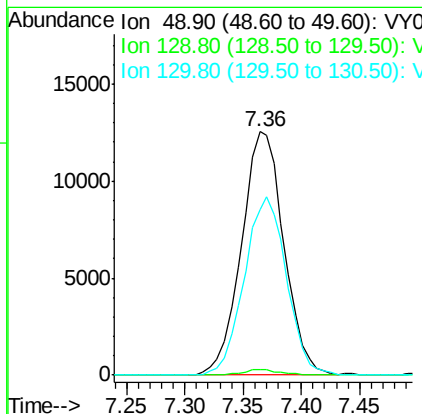
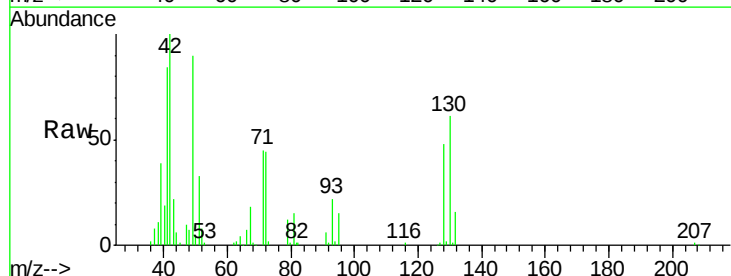
MMDadoda
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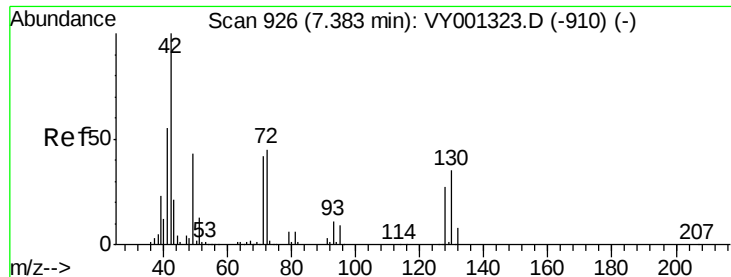


#28

Bromochloromethane
Concen: 17.752 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	72.6	58.9	88.3





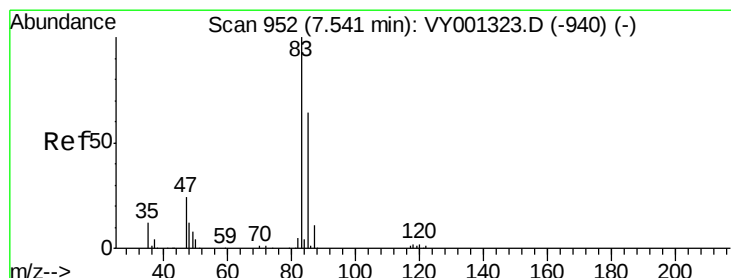
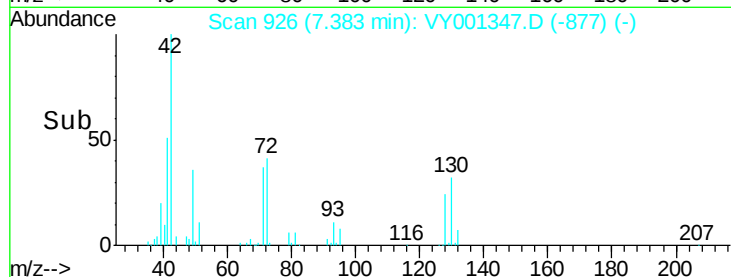
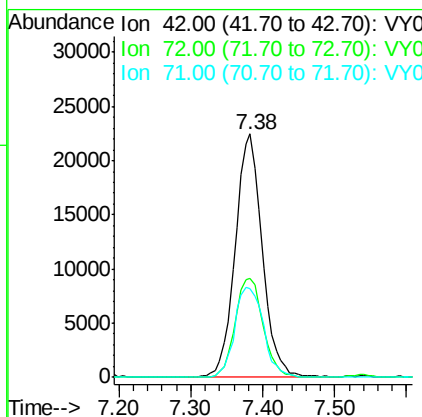
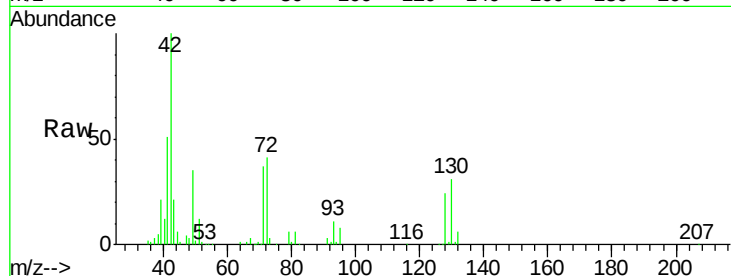
#29
Tetrahydrofuran
Concen: 93.063 ug/l
RT: 7.38 min Scan# 926
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.6	51.8
71	39.3	32.6	48.8

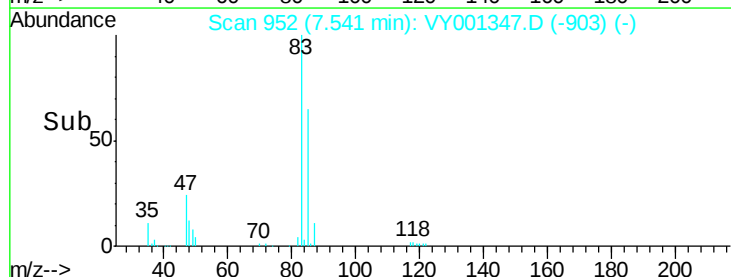
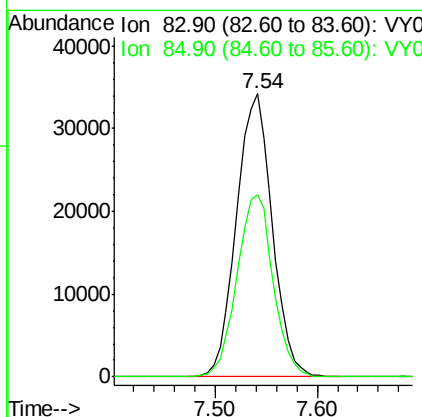
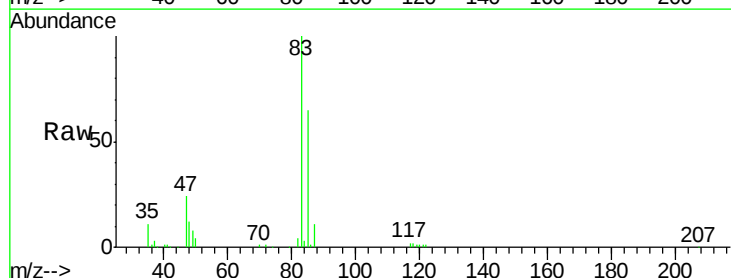
Manual Integrations
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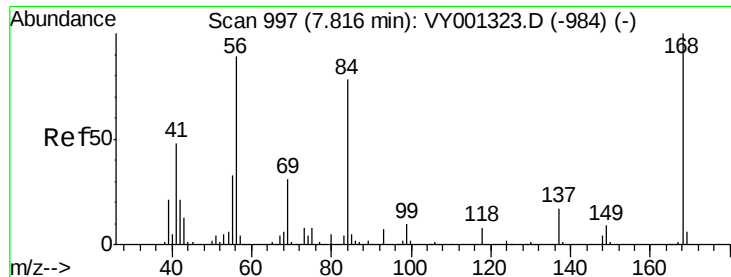
MMDadoda
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#30
Chloroform
Concen: 19.584 ug/l
RT: 7.54 min Scan# 952
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.5	77.3





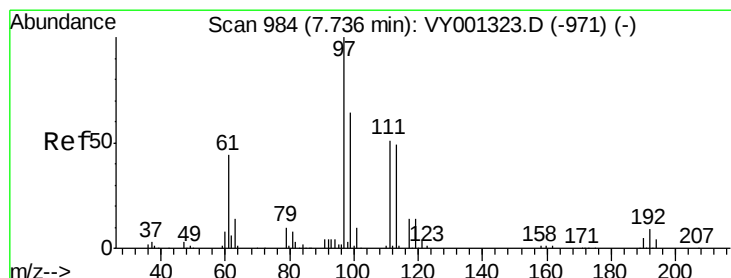
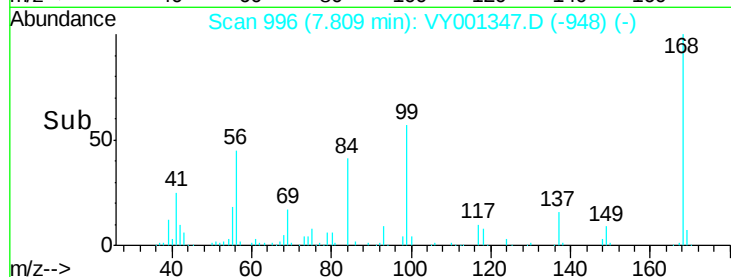
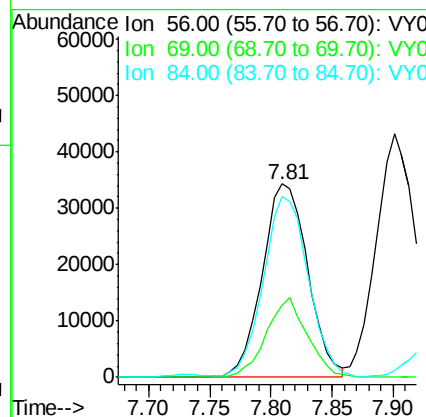
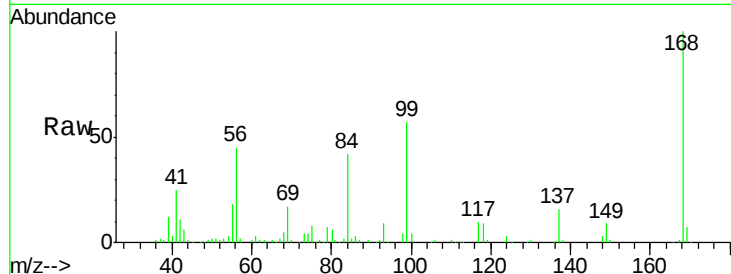
#31
Cyclohexane
Concen: 20.690 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.0	27.6	41.4
84	91.9	69.7	104.5

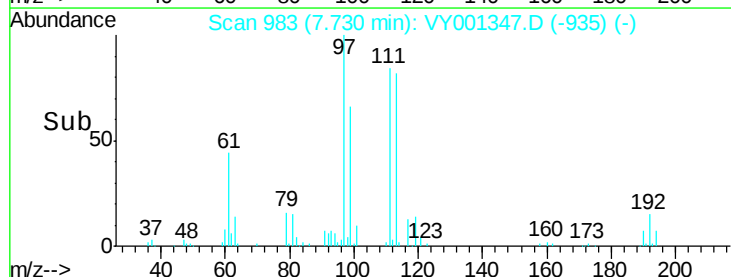
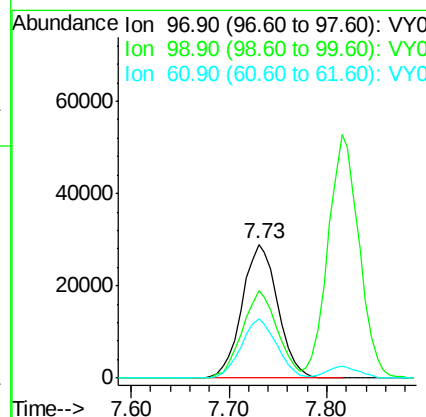
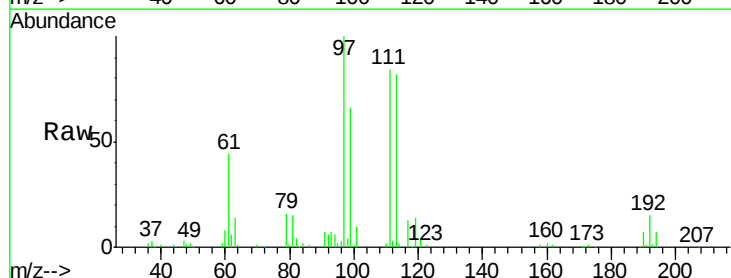
Manual Integrations
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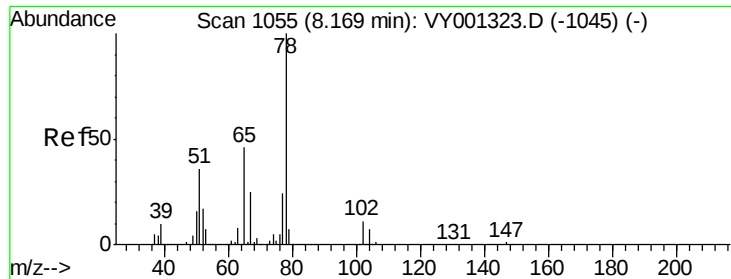
MMDadoda
1/24/2020 4:03:31 PM



#32
1,1,1-Trichloroethane
Concen: 20.463 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.3	76.9
61	44.1	35.9	53.9





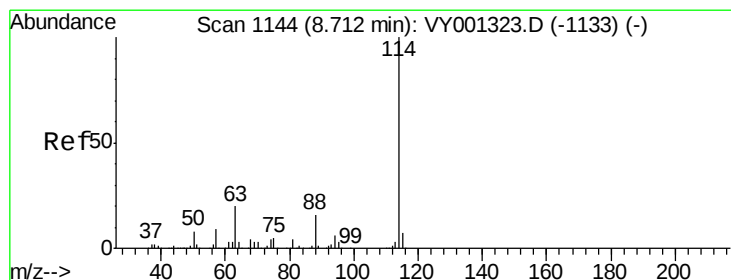
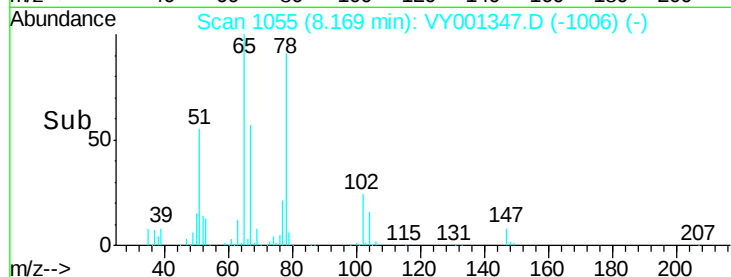
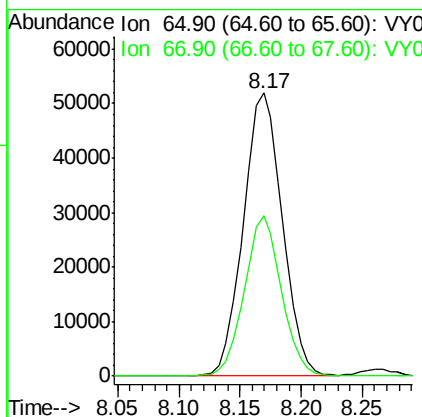
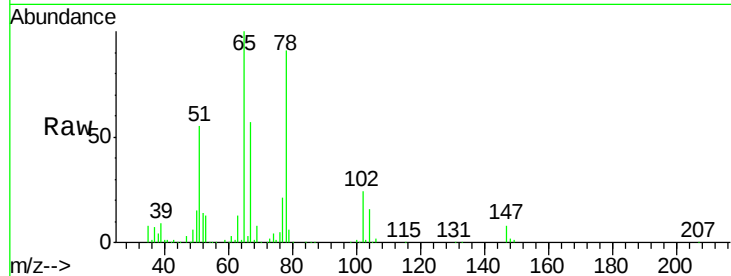
#33
 1,2-Dichloroethane-d4
 Concen: 51.773 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001347.D
 Acq: 23 Jan 2020 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.7	0.0	108.6	

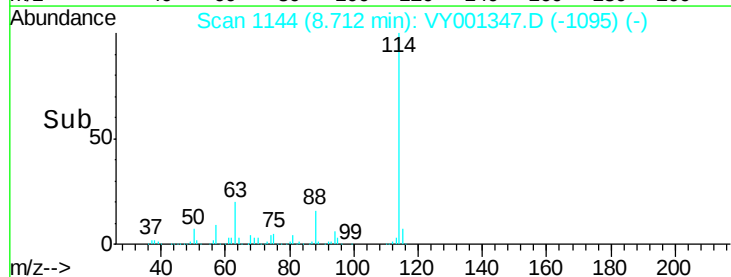
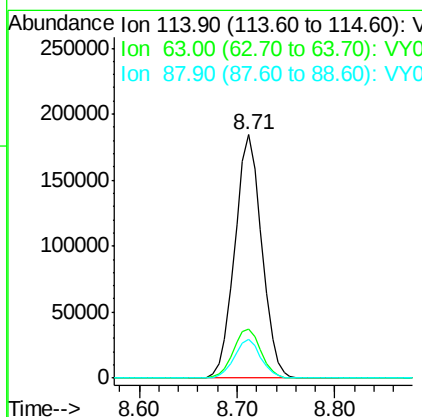
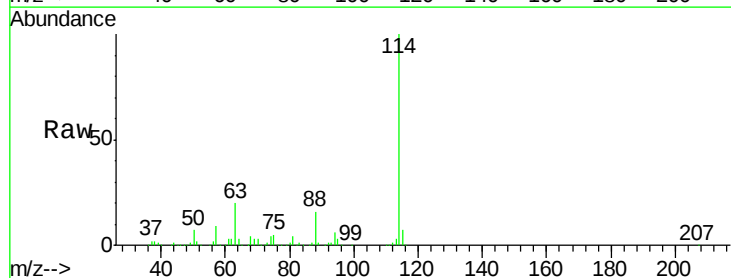
Manual Integrations
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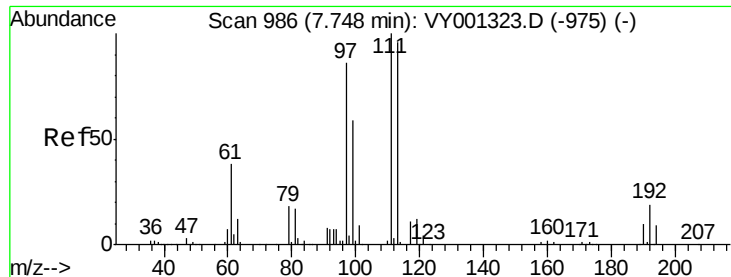
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001347.D
 Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.1	0.0	40.8	
88	15.9	0.0	31.0	





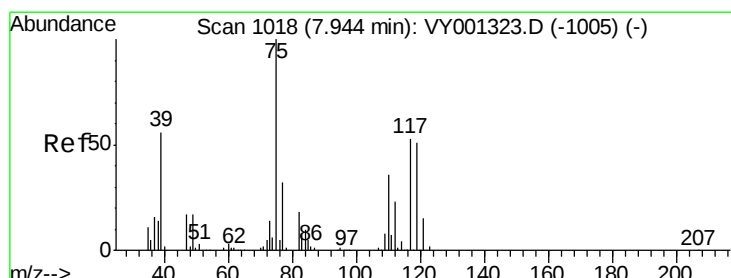
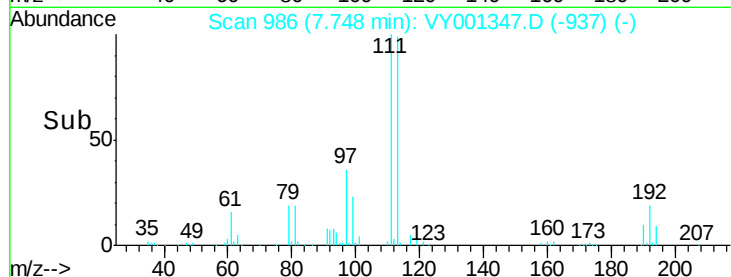
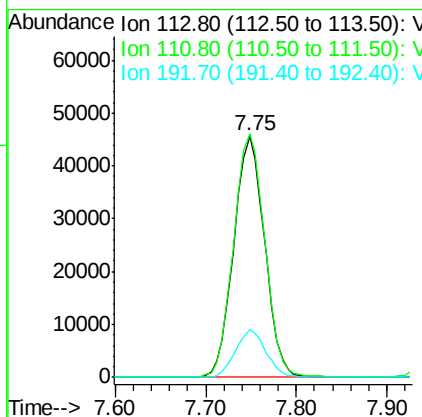
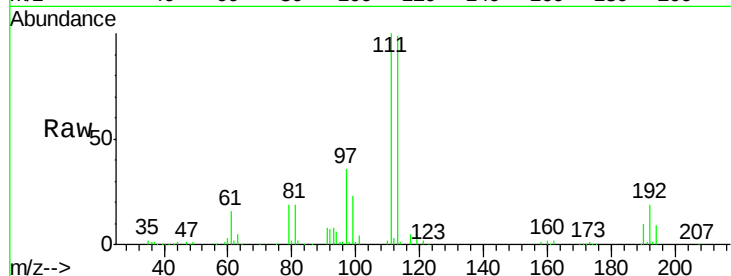
#35
 Dibromofluoromethane
 Concen: 52.202 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001347.D
 Acq: 23 Jan 2020 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107783		
111	102.2	82.8	124.2	
192	19.3	15.5	23.3	

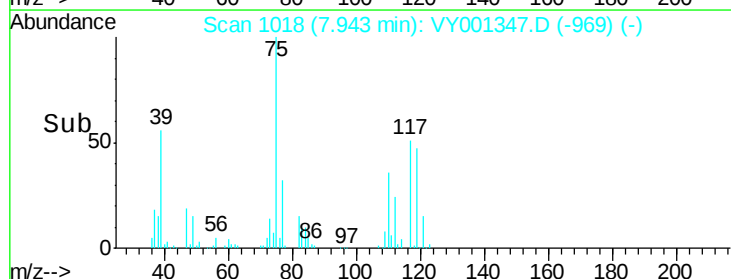
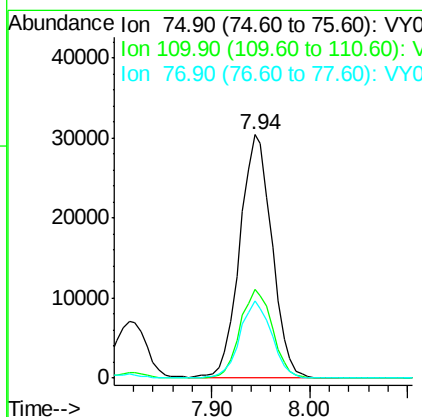
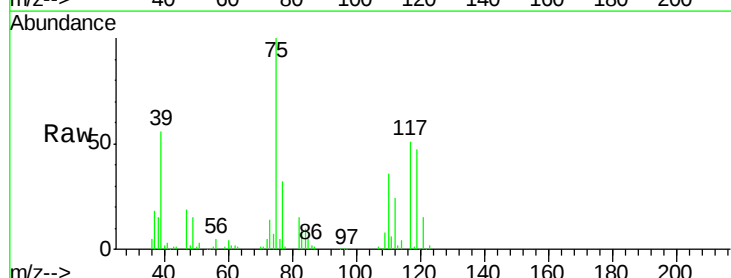
Manual Integrations
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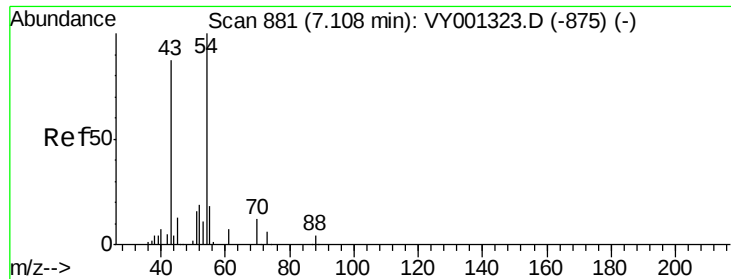
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#36
 1,1-Dichloropropene
 Concen: 20.933 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VY001347.D
 Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69572		
110	36.3	17.6	52.8	
77	31.2	24.7	37.1	





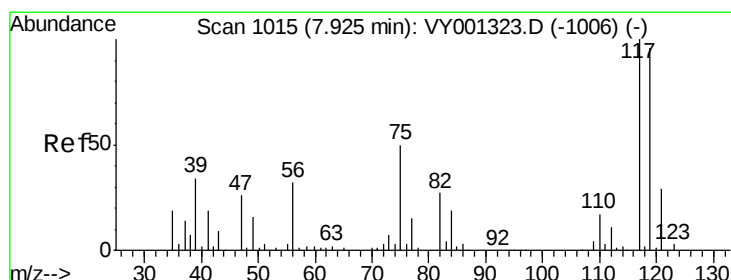
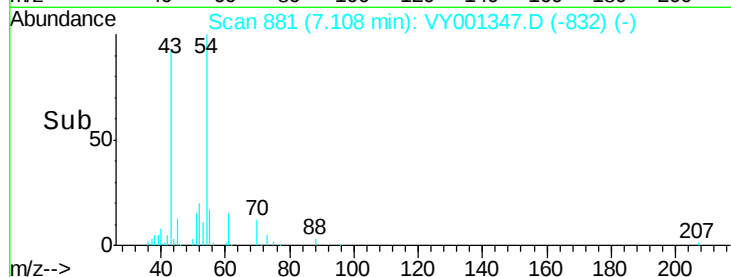
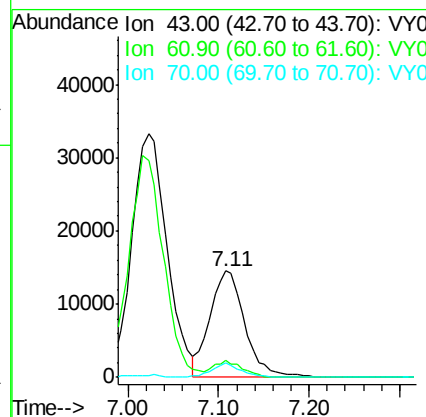
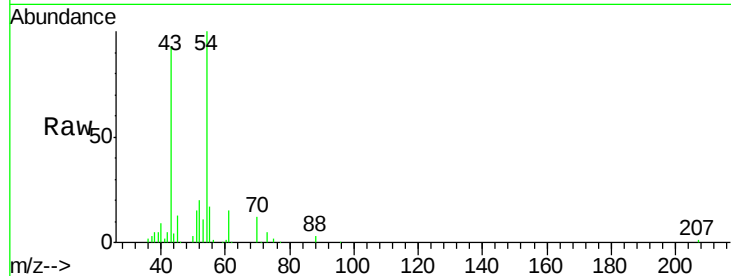
#37
Ethyl Acetate
Concen: 19.408 ug/l
RT: 7.11 min Scan# 881
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.3	16.9
70	11.0	8.7	13.1

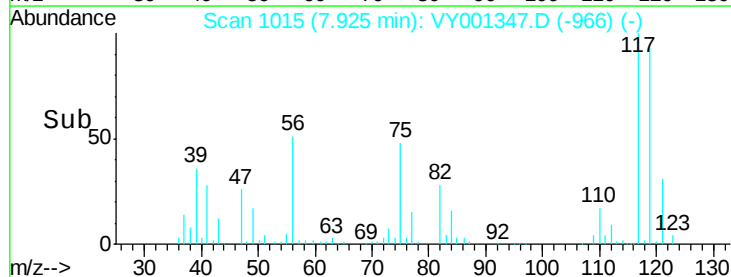
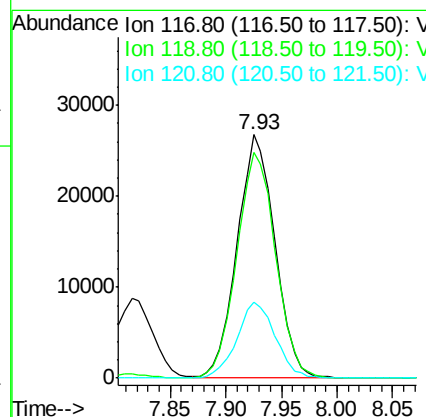
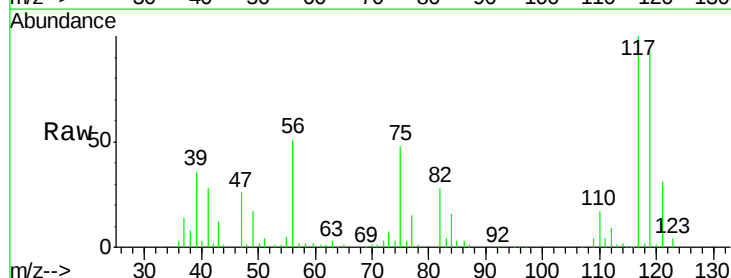
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 21.344 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.3	114.5
121	31.1	23.5	35.3





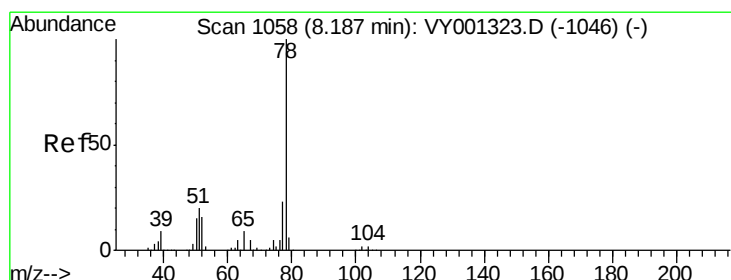
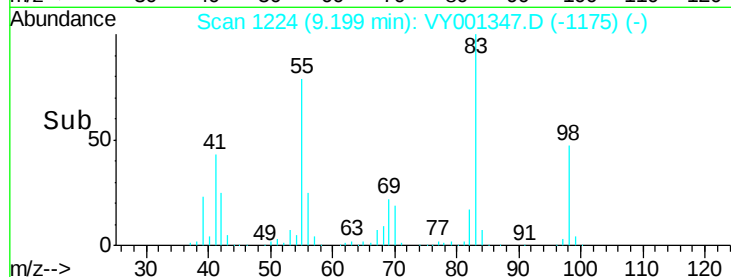
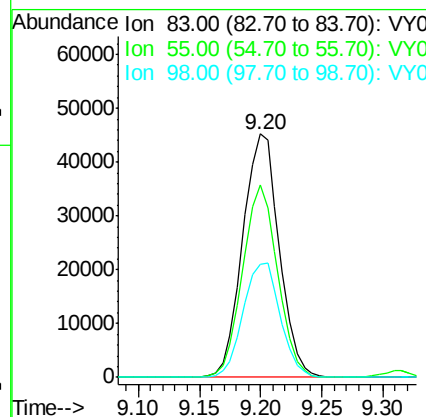
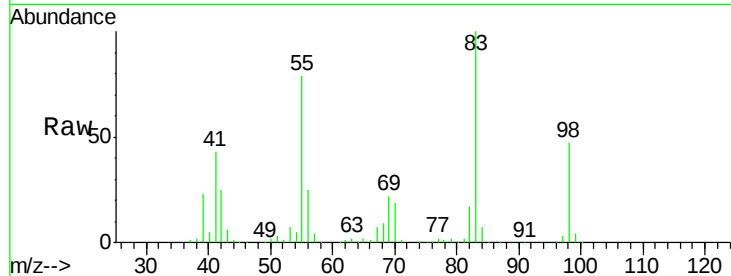
#39
Methylvlcvclohexane
Concen: 21.996 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.1	60.7	91.1
98	46.6	37.8	56.8

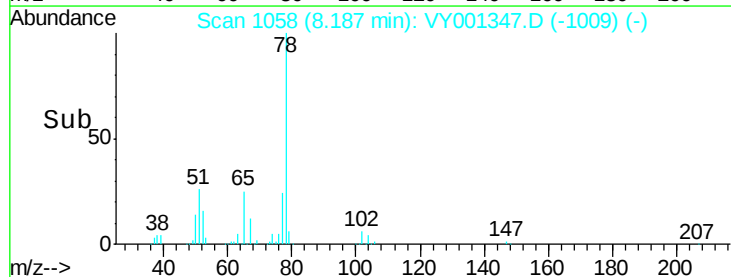
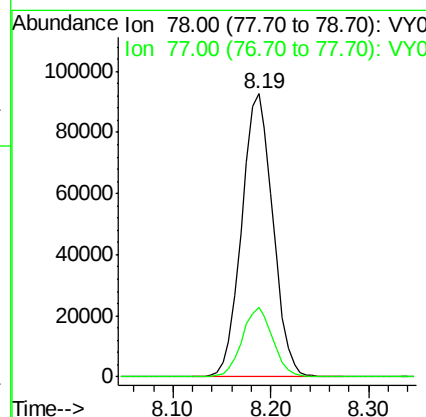
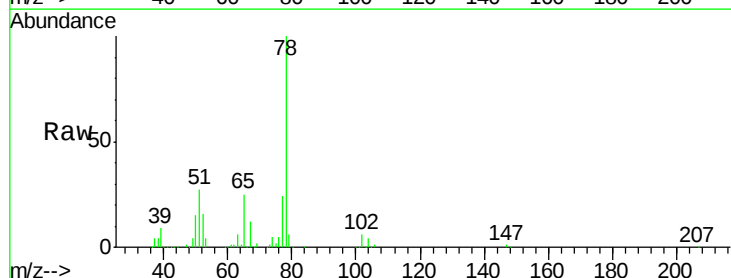
Manual Integrations
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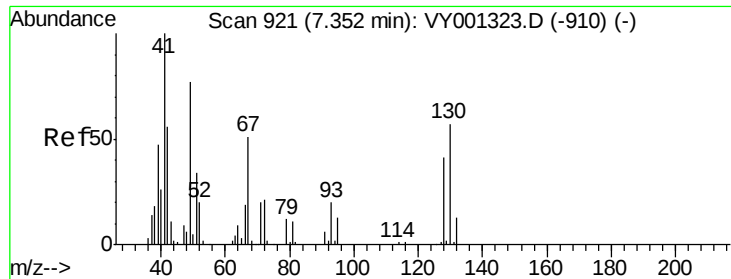
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#40
Benzene
Concen: 20.502 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.6	27.8





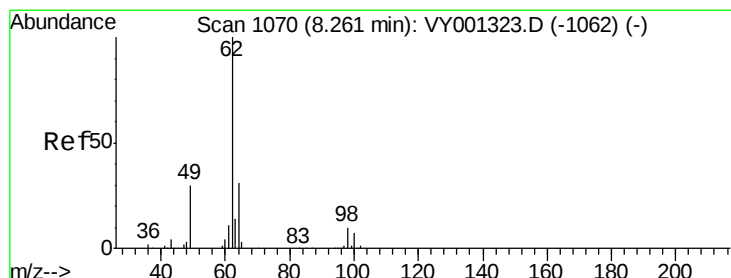
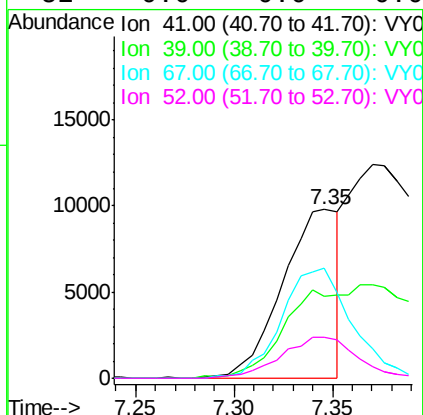
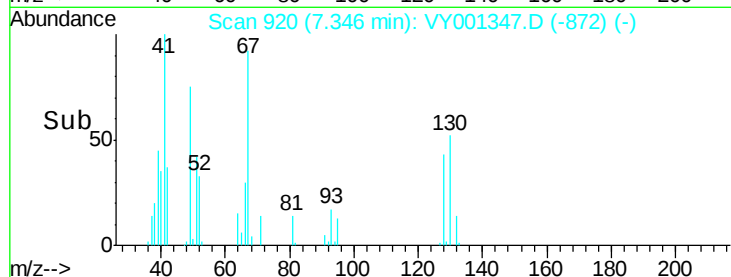
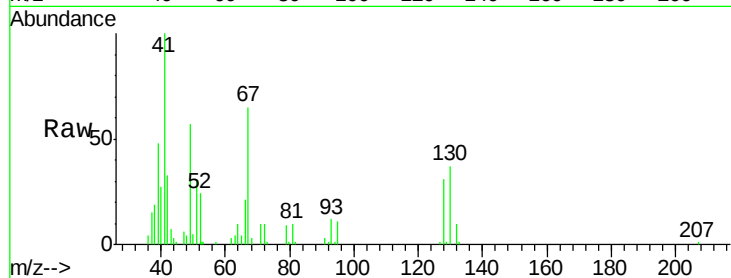
#41
Methacrylonitrile
Concen: 18.685 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	126.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

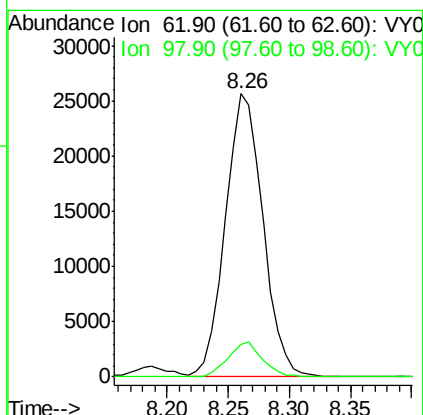
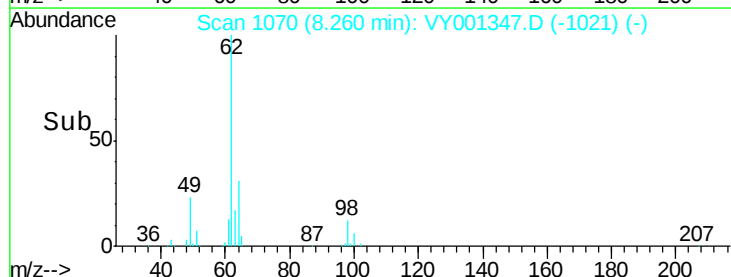
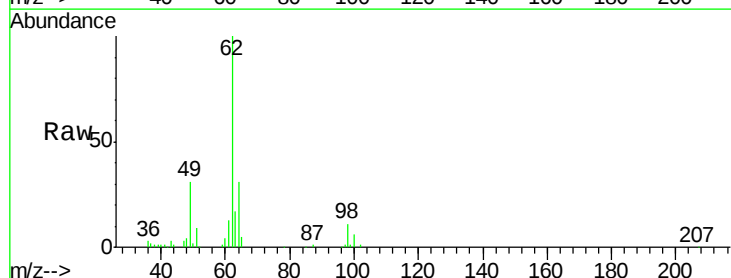
Manual Integrations
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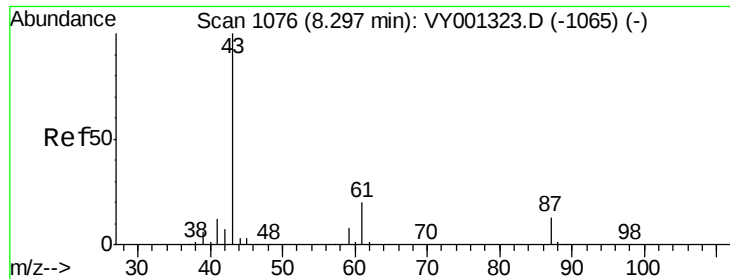
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.579 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	20.8





#43

Isopropyl Acetate

Concen: 19.419 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

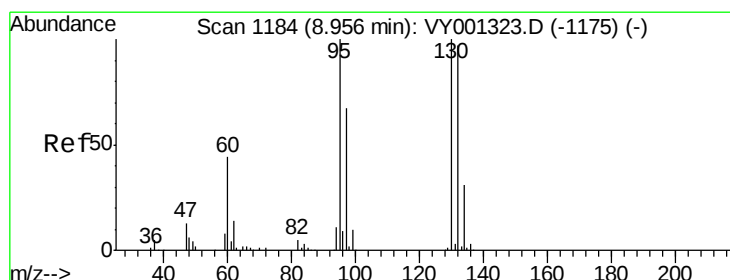
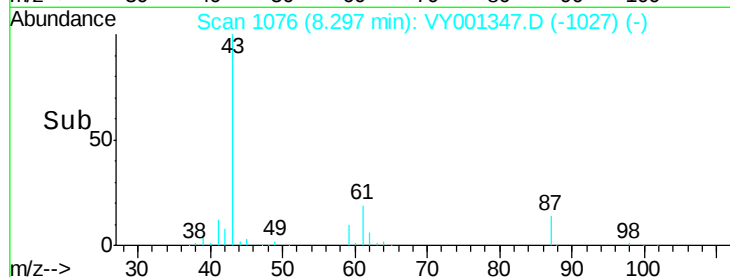
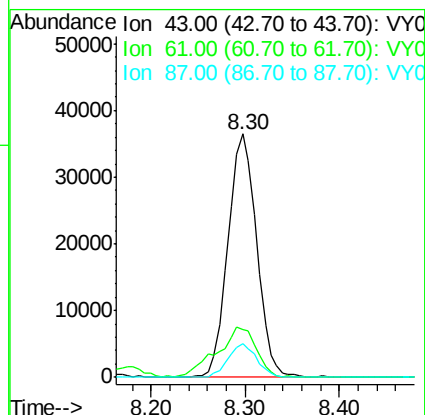
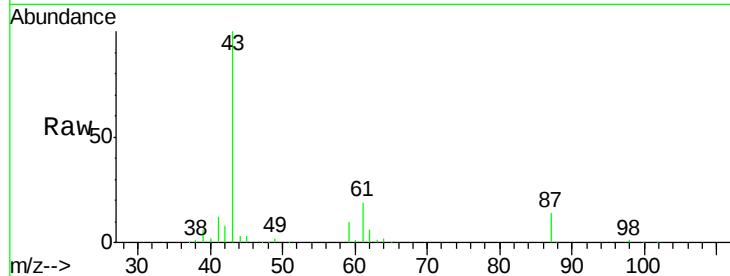
ClientSampleId :

VY0123SBS01

Tot Ion:	43	Resp:	76675
Ion	Ratio	Lower	Upper
43	100		
61	28.7	22.7	34.1
87	13.7	11.0	16.4

Manual Integrations
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#44

Trichloroethene

Concen: 20.435 ug/l

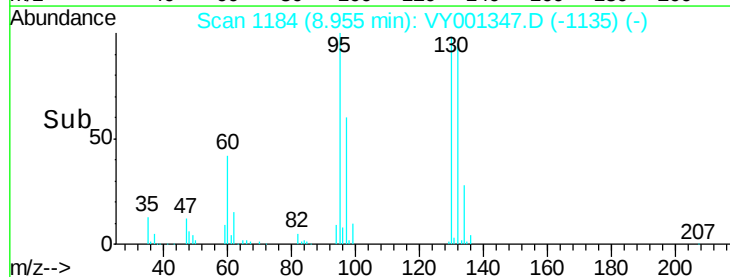
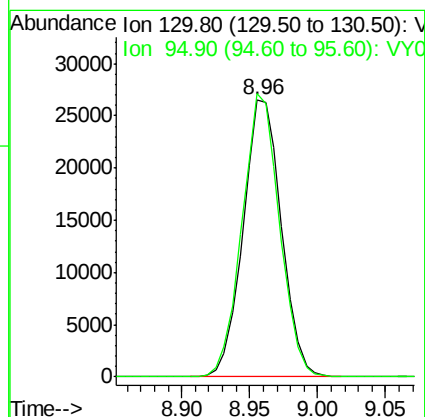
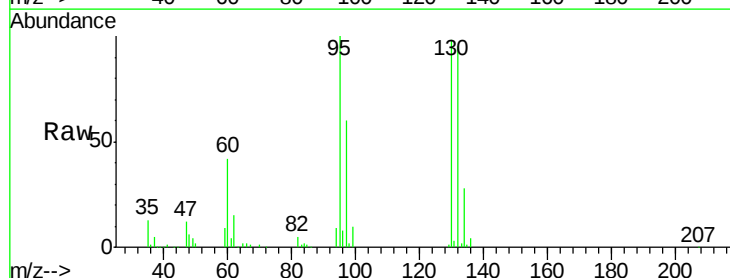
RT: 8.96 min Scan# 1184

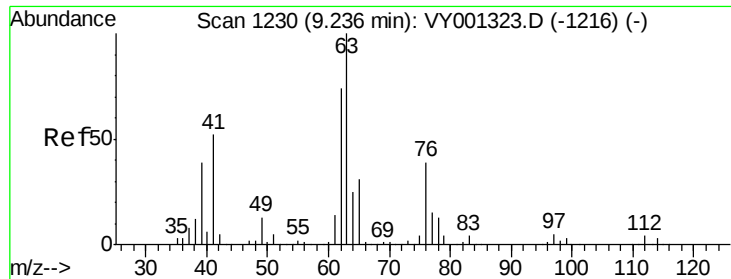
Delta R.T. -0.00 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Tgt Ion:	130	Resp:	52257
Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	200.0





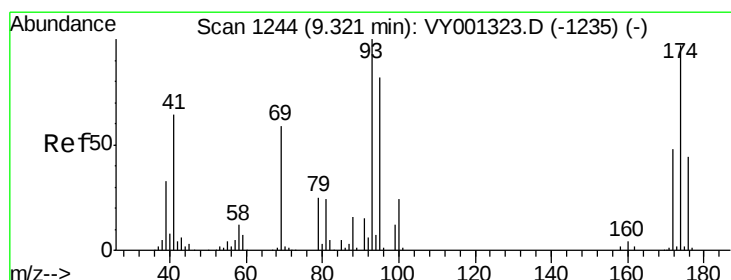
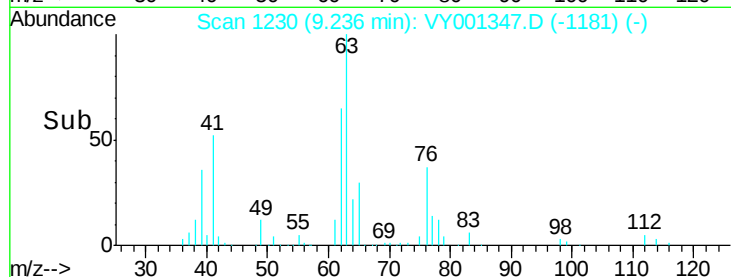
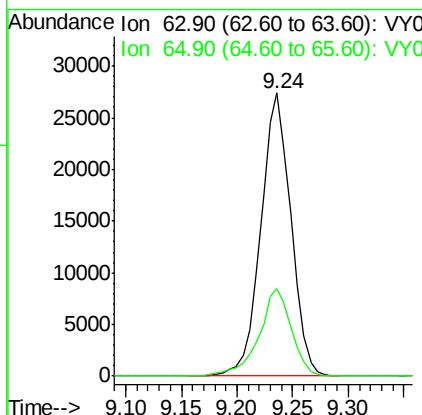
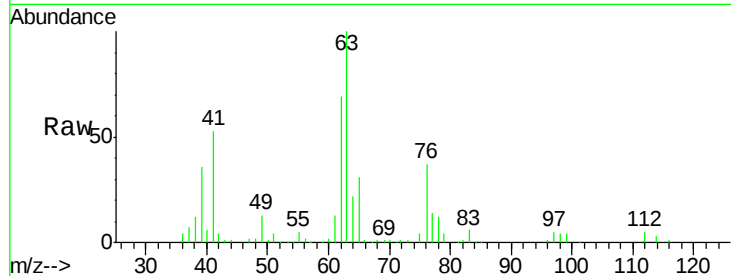
#45
 1,2-Dichloropropane
 Concen: 20.504 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY001347.D
 Acq: 23 Jan 2020 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Tot Ion: 63 Resp: 51654
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.9 37.3

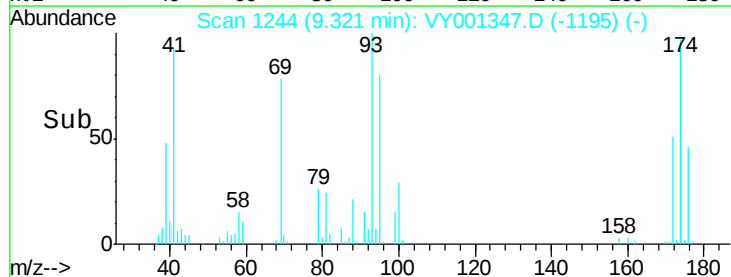
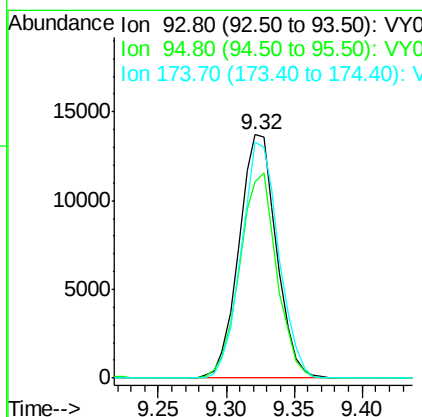
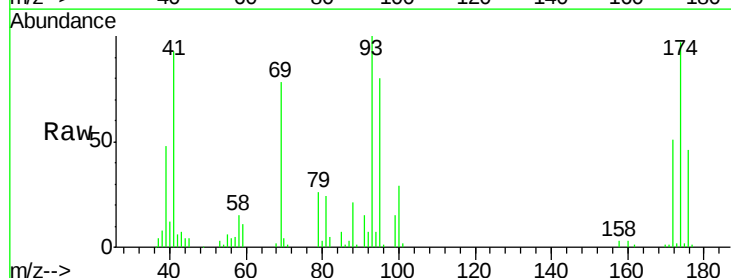
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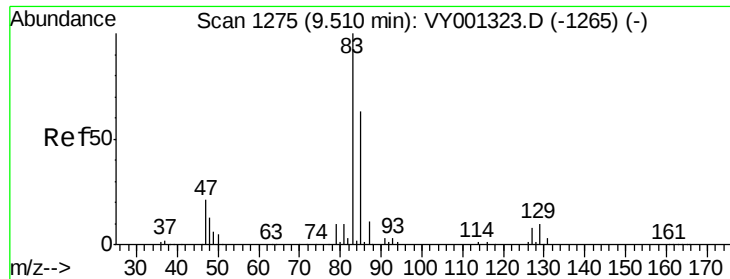
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#46
 Dibromomethane
 Concen: 19.500 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001347.D
 Acq: 23 Jan 2020 12:44

Tgt Ion: 93 Resp: 26372
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.5 99.7
 174 96.8 77.9 116.9





#47

Bromodichloromethane

Concen: 19.947 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

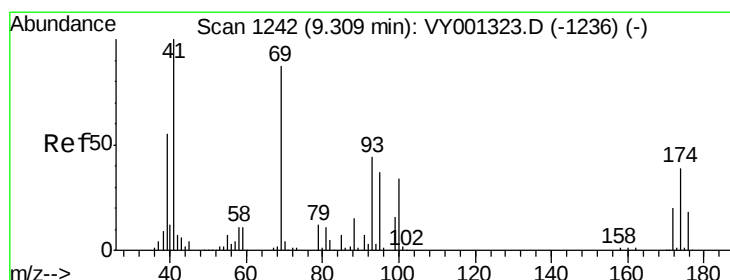
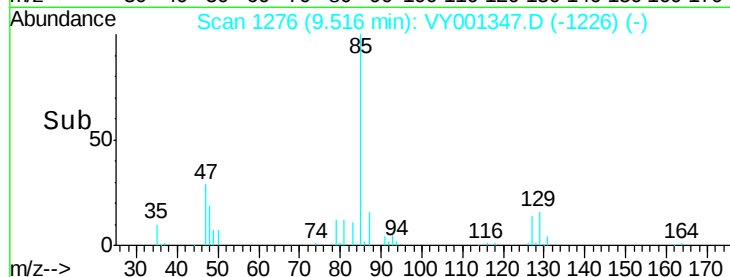
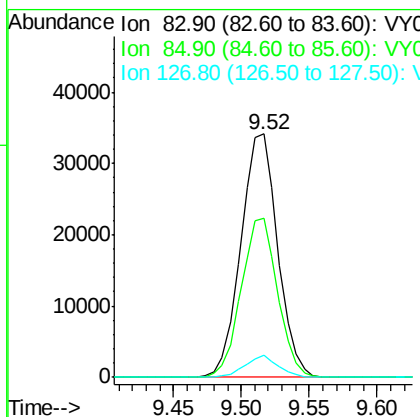
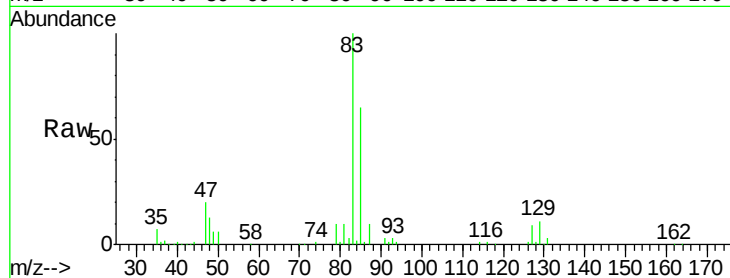
ClientSampleId :

VY0123SBS01

Tot Ion:	83	Resp:	64491
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.2	75.2
127	9.0	6.4	9.6

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#48

Methyl methacrylate

Concen: 19.370 ug/l

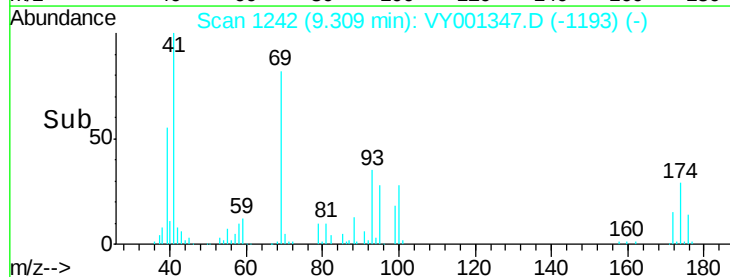
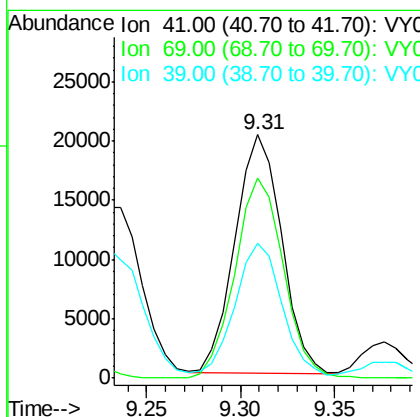
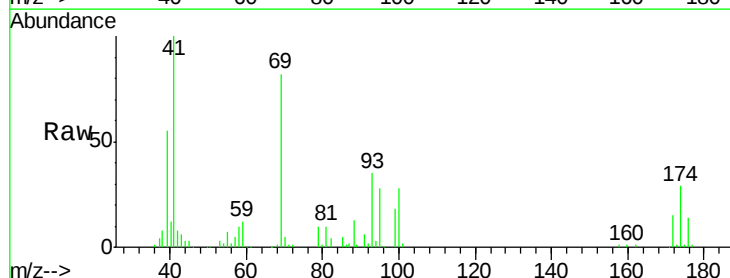
RT: 9.31 min Scan# 1242

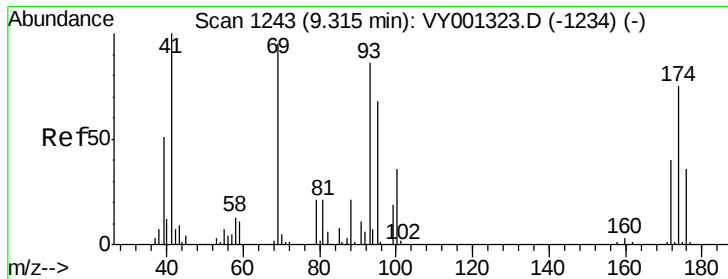
Delta R.T. -0.00 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Tgt Ion:	41	Resp:	34769
Ion	Ratio	Lower	Upper
41	100		
69	86.9	70.2	105.4
39	57.7	45.7	68.5





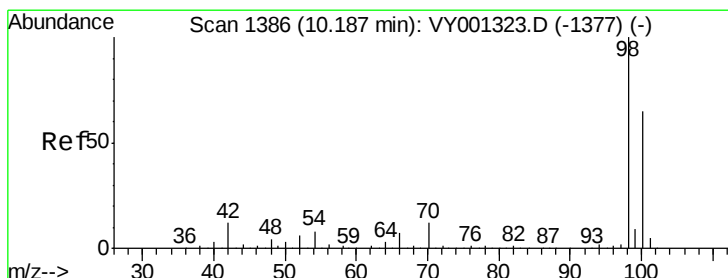
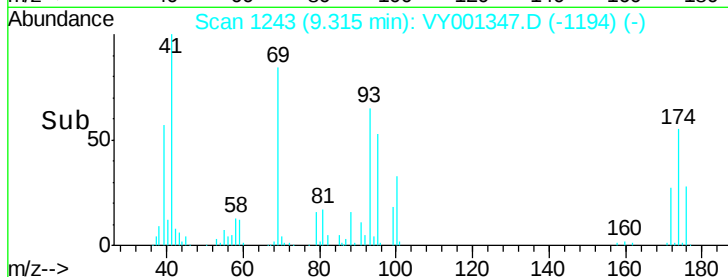
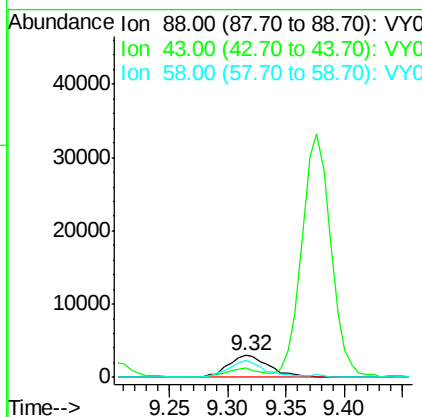
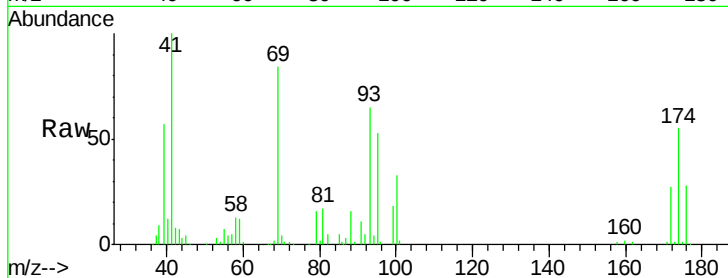
#49
 1,4-Dioxane
 Concen: 391.933 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY001347.D
 Acq: 23 Jan 2020 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	28.2	42.2
58	68.1	55.6	83.4

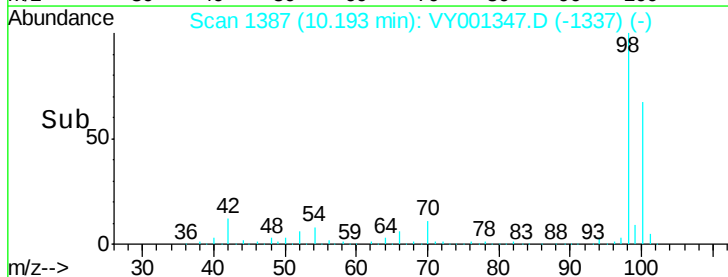
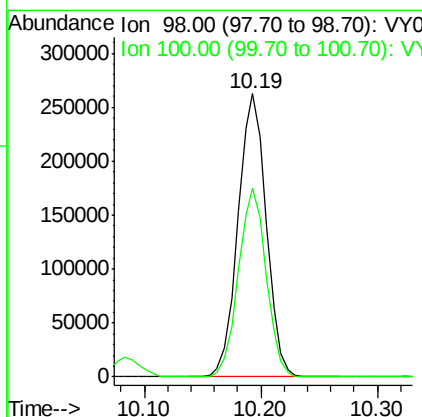
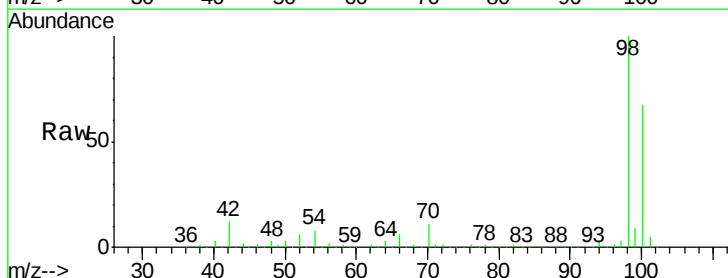
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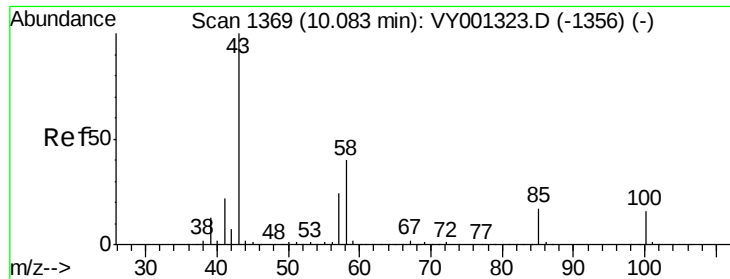
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#50
 Toluene-d8
 Concen: 55.220 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY001347.D
 Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	79.0





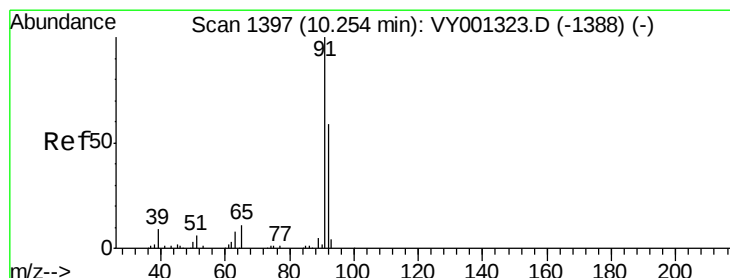
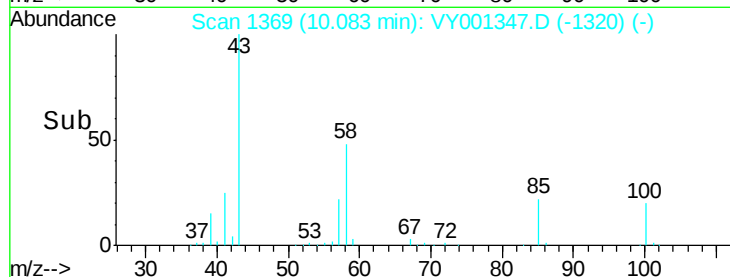
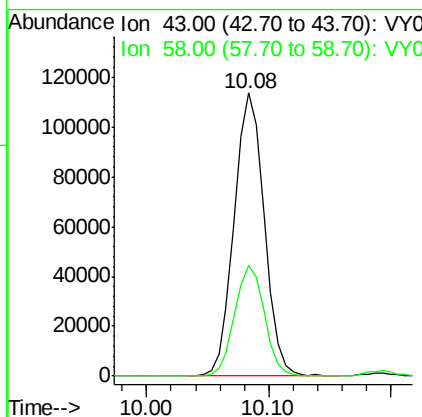
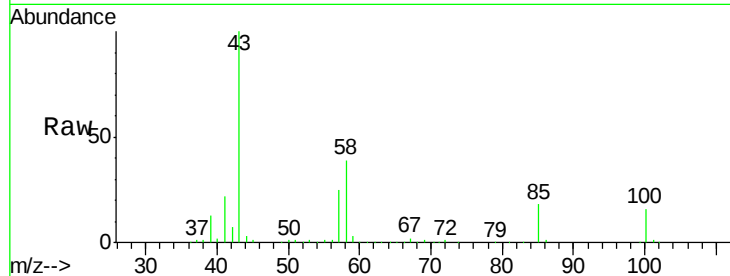
#51
4-Methyl-2-Pentanone
Concen: 94.869 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.8	31.5	47.3

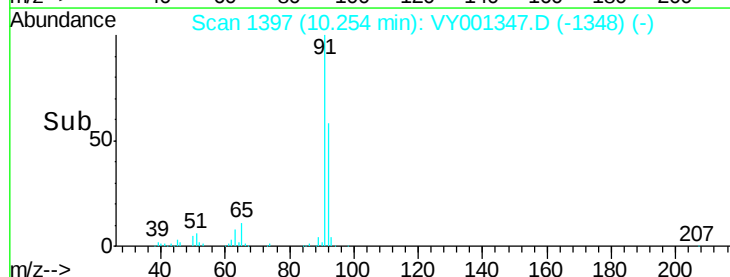
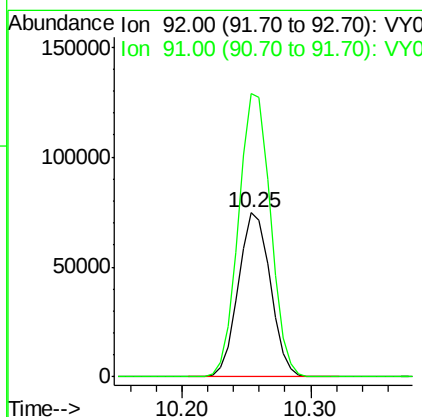
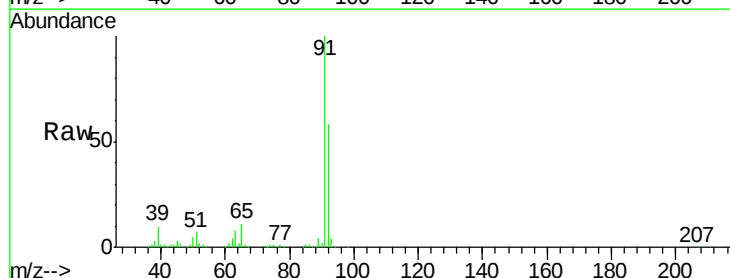
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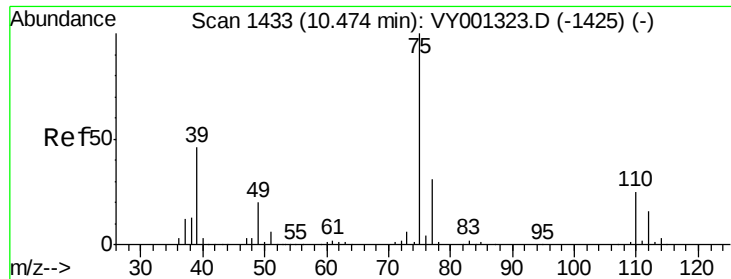
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#52
Toluene
Concen: 20.378 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.7	136.4	204.6





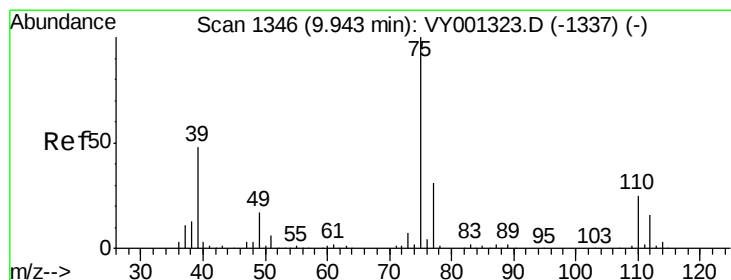
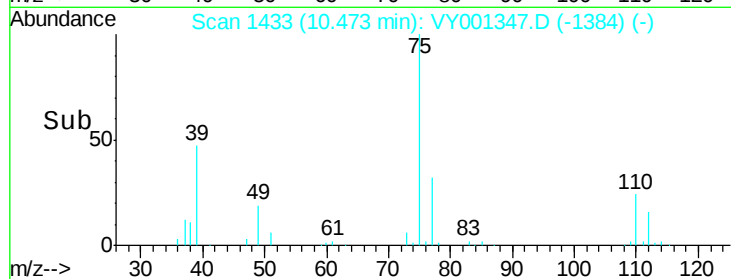
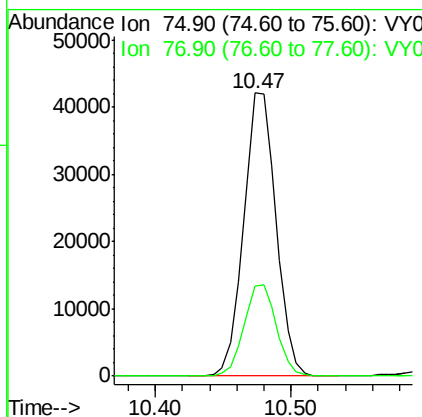
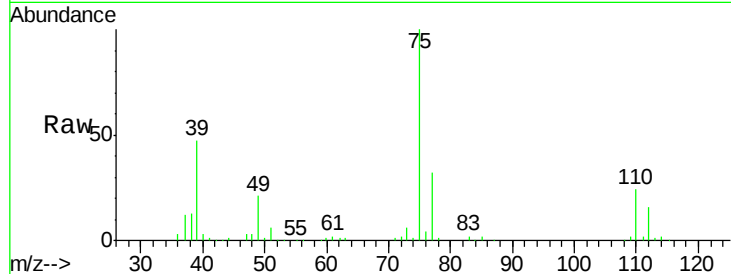
#53
t-1,3-Dichloropropene
Concen: 19.582 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion: 75 Resp: 70171
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8

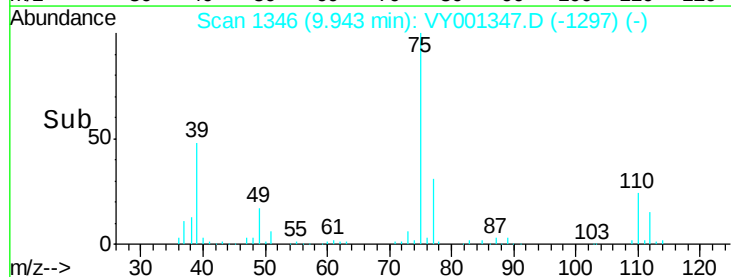
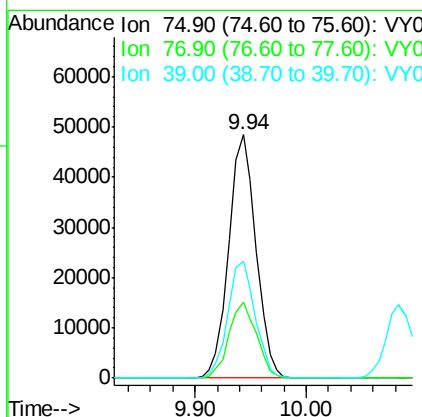
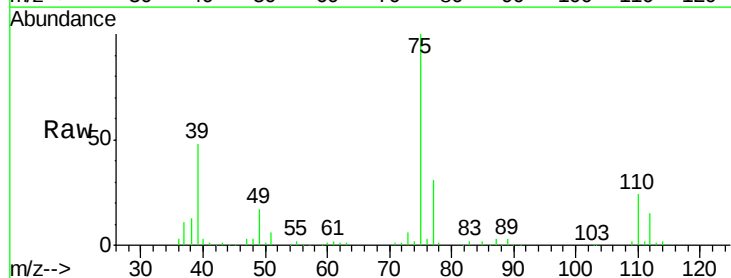
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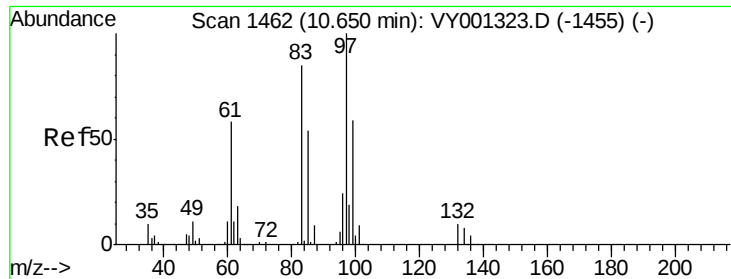
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#54
cis-1,3-Dichloropropene
Concen: 19.898 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion: 75 Resp: 81844
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6
39 47.9 38.2 57.4





#55

1,1,2-Trichloroethane

Concen: 19.396 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion: 97 Resp: 38718

Ion Ratio Lower Upper

97 100

83 88.2 68.0 102.0

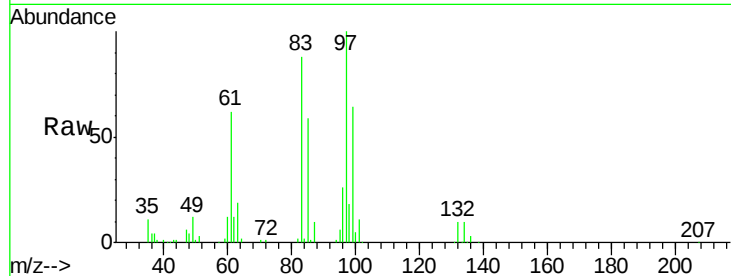
85 59.2 43.6 65.4

99 63.9 47.1 70.7

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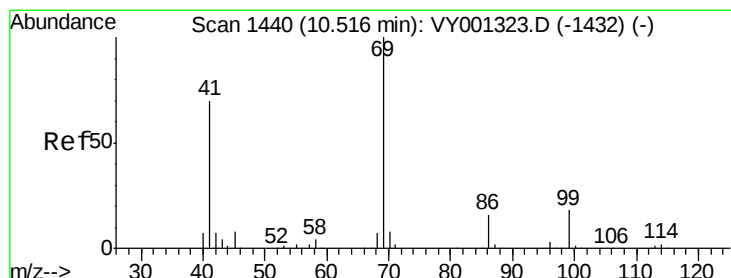
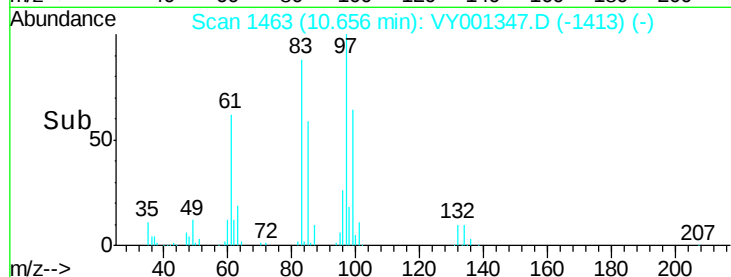
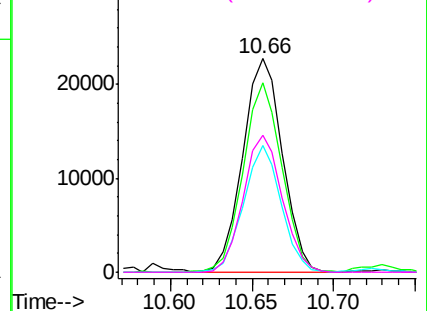


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 19.106 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

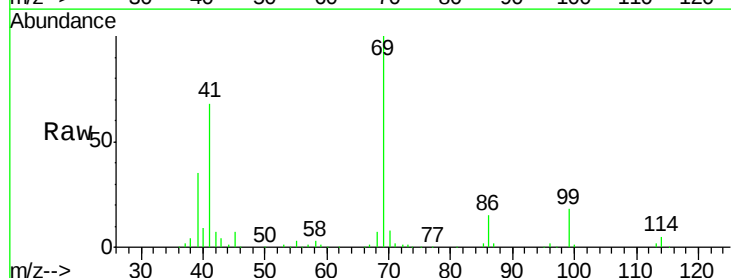
Tgt Ion: 69 Resp: 57645

Ion Ratio Lower Upper

69 100

41 66.4 54.1 81.1

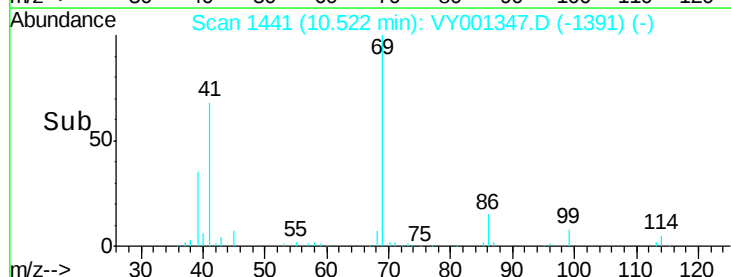
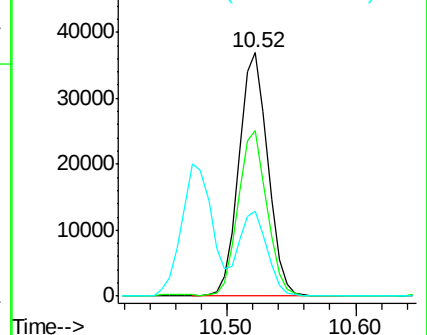
39 34.3 26.8 40.2

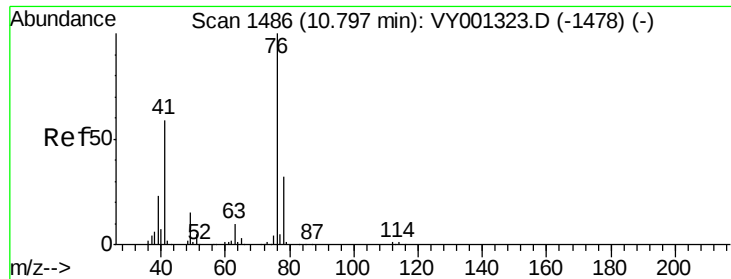


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 19.797 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion: 76 Resp: 68839

Ion Ratio Lower Upper

76 100

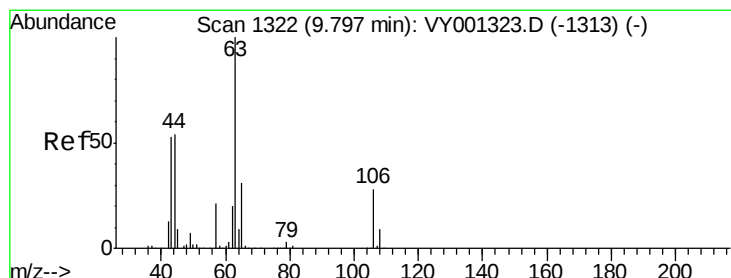
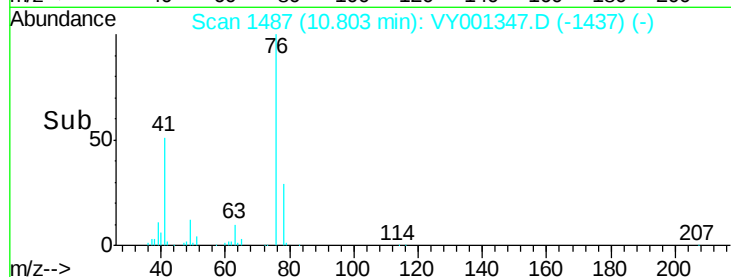
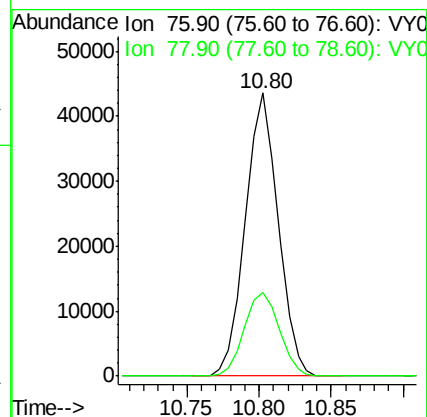
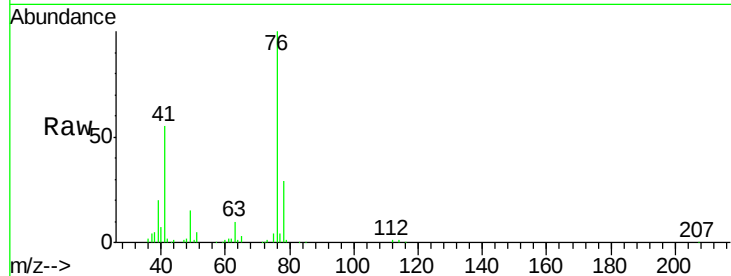
78 31.7 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 103.772 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY001347.D

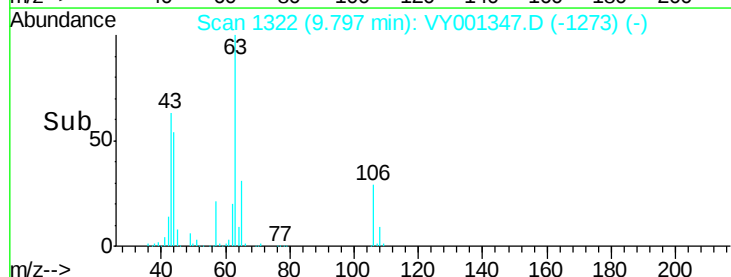
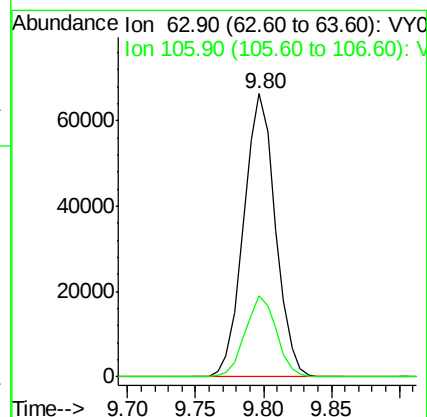
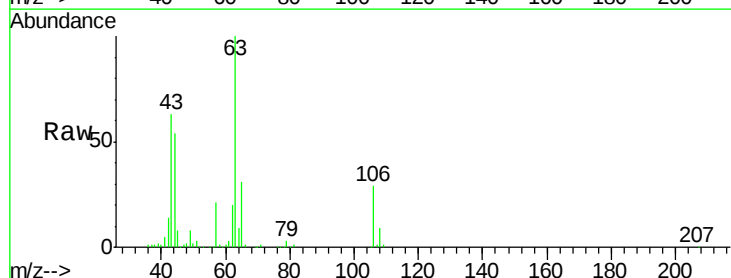
Acq: 23 Jan 2020 12:44

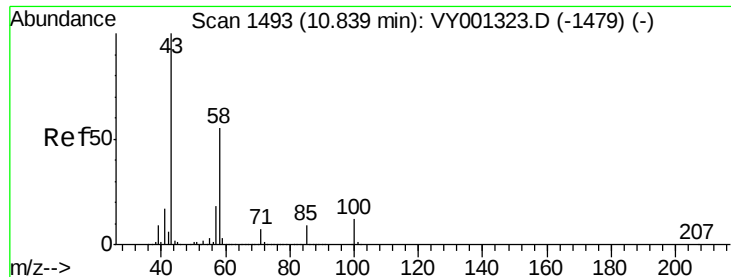
Tgt Ion: 63 Resp: 108340

Ion Ratio Lower Upper

63 100

106 28.3 22.5 33.7





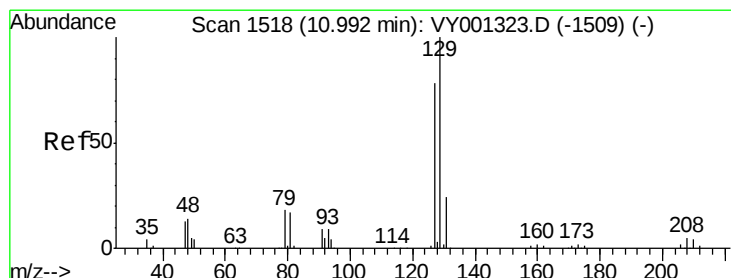
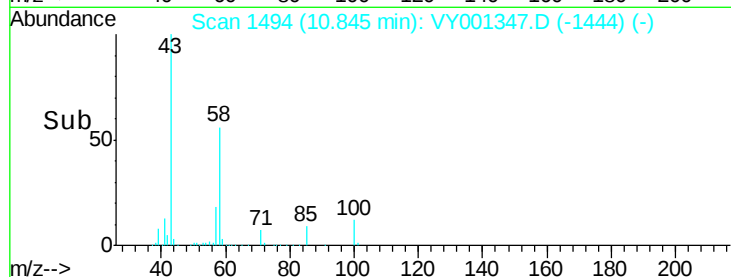
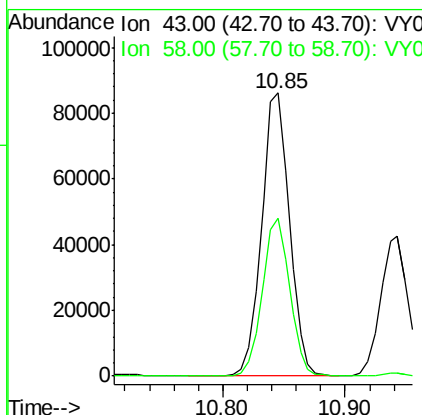
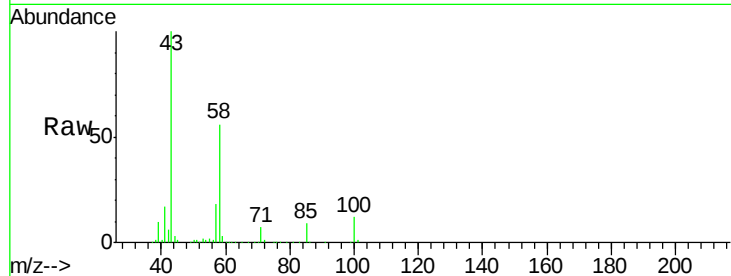
#59
2-Hexanone
Concen: 96.770 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion: 43 Resp: 136987
Ion Ratio Lower Upper
43 100
58 54.8 27.6 82.8

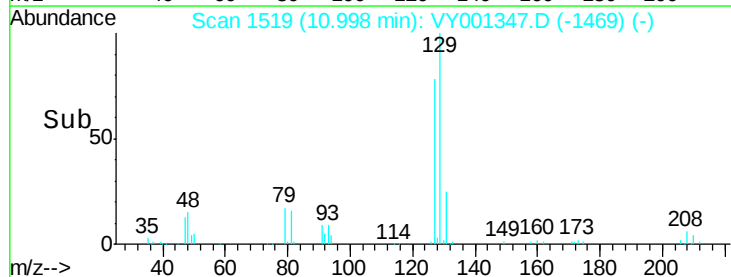
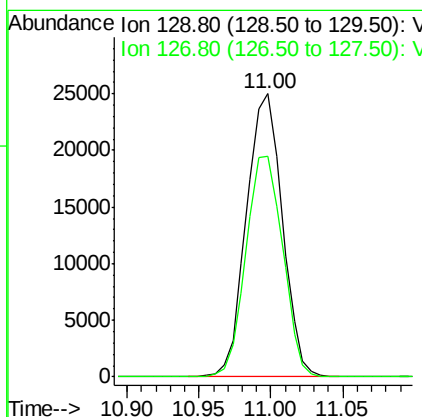
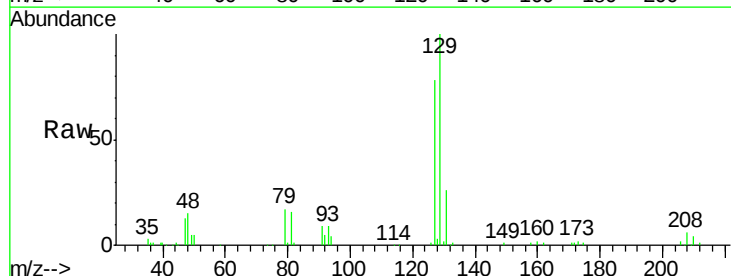
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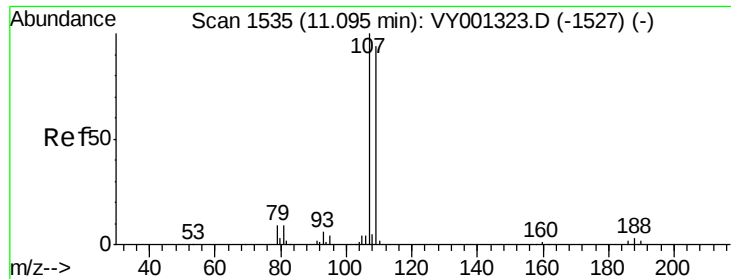
MMDadoda
1/24/2020 4:03:31 PM



#60
Dibromochloromethane
Concen: 19.281 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion: 129 Resp: 43048
Ion Ratio Lower Upper
129 100
127 80.3 38.8 116.4





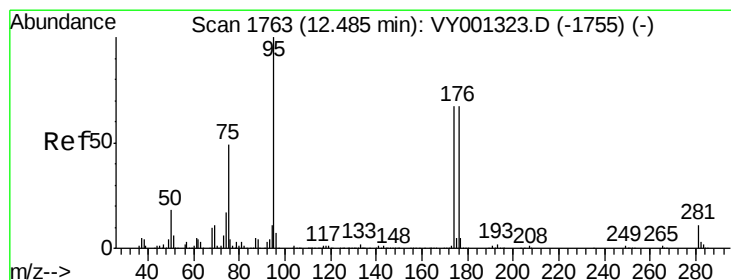
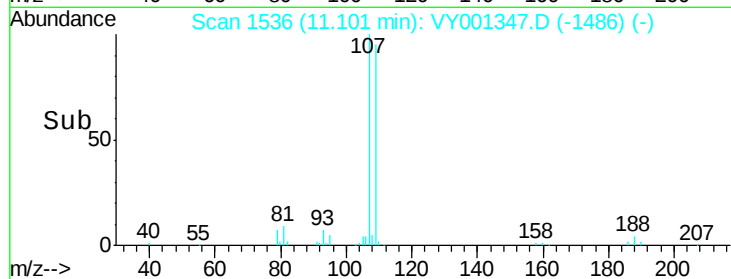
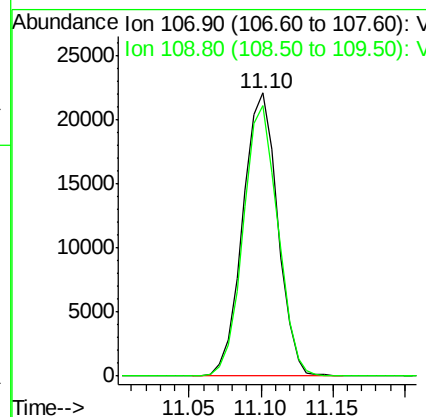
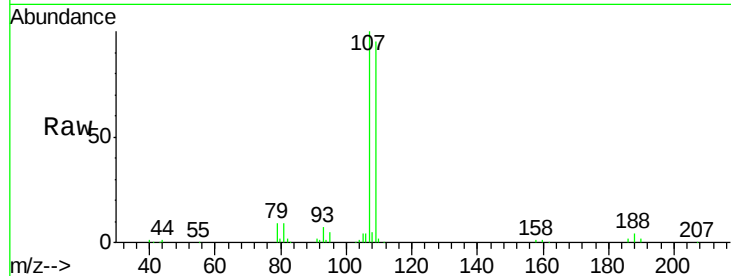
#61
 1,2-Dibromoethane
 Concen: 19.646 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001347.D
 Acq: 23 Jan 2020 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Tot Ion: 107 Resp: 37074
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.0 112.6

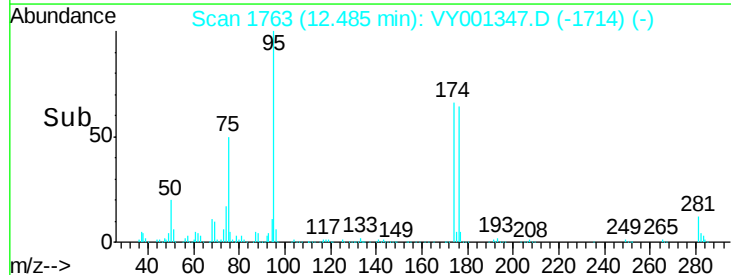
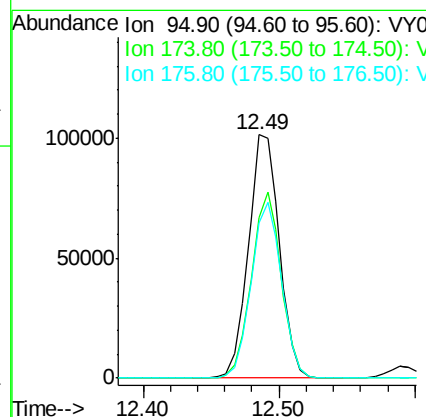
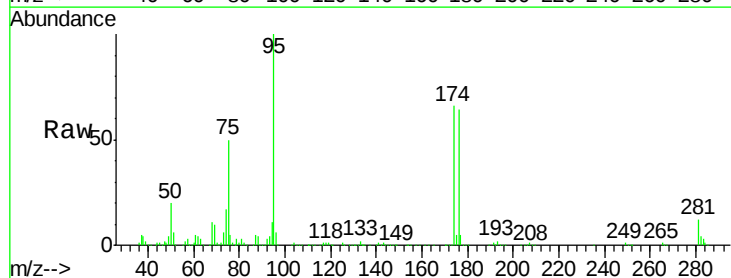
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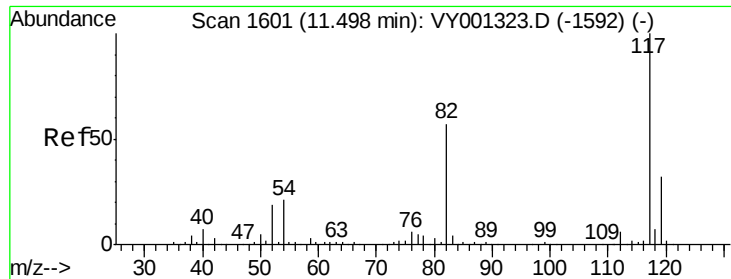
MMDadoda
 1/24/2020 4:03:31 PM



#62
 4-Bromofluorobenzene
 Concen: 50.427 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY001347.D
 Acq: 23 Jan 2020 12:44

Tgt Ion: 95 Resp: 161092
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 142.0
 176 71.2 0.0 138.6





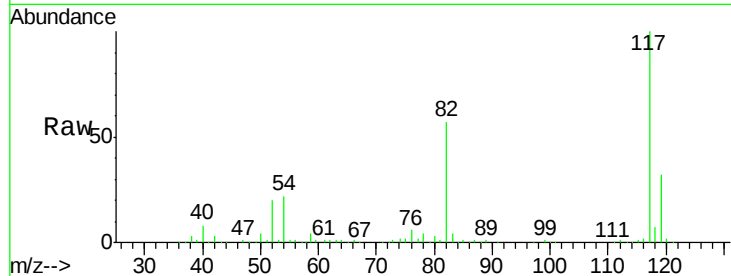
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.5	68.3
119	32.0	25.8	38.6

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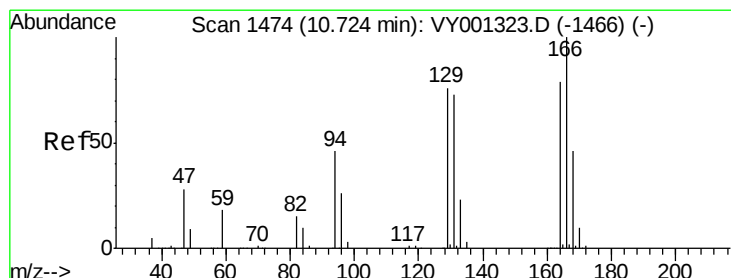
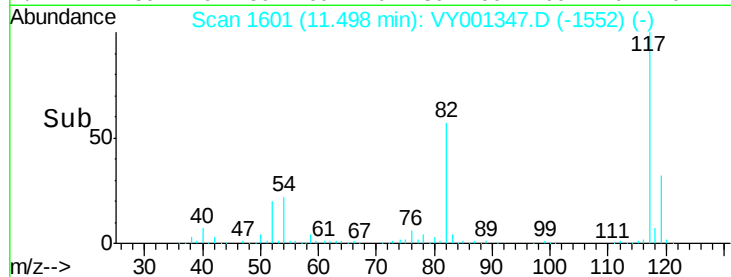
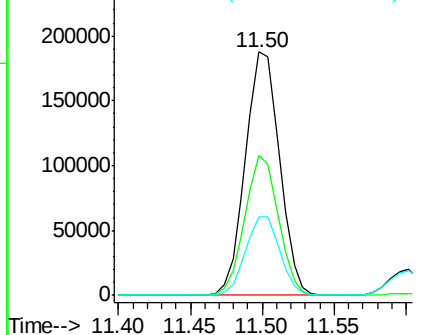


Abundance

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: 21.574 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	101.8	152.8
129	95.3	77.1	115.7
131	91.2	74.2	111.2

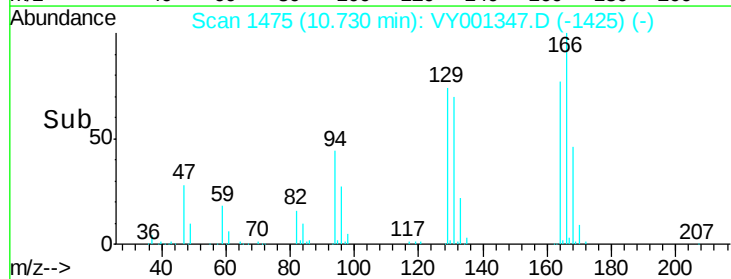
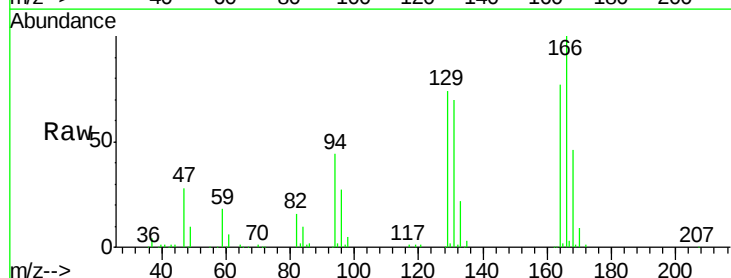
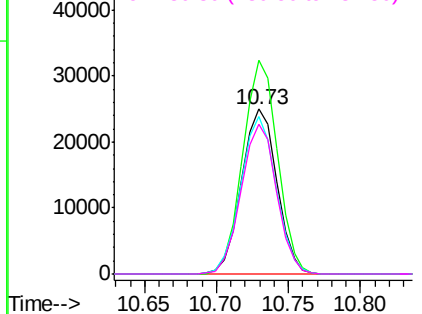
Abundance

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





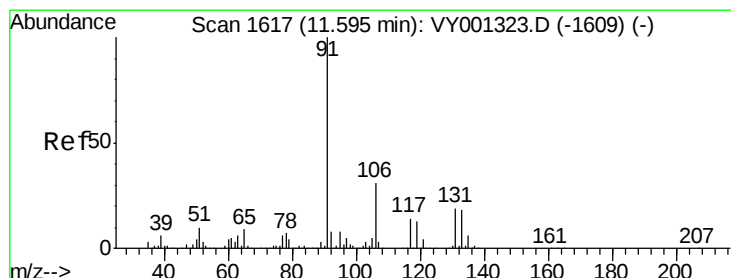
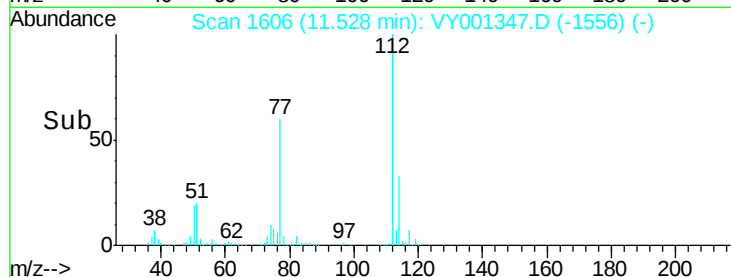
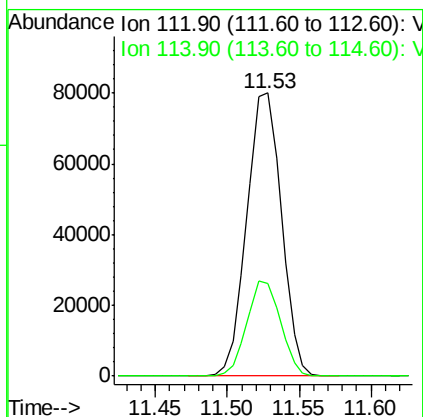
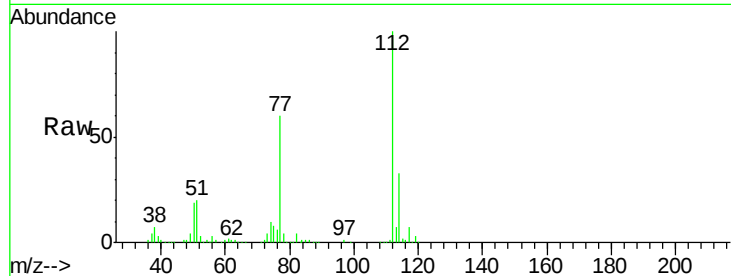
#65
Chlorobenzene
Concen: 20.466 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion:112 Resp: 132979
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

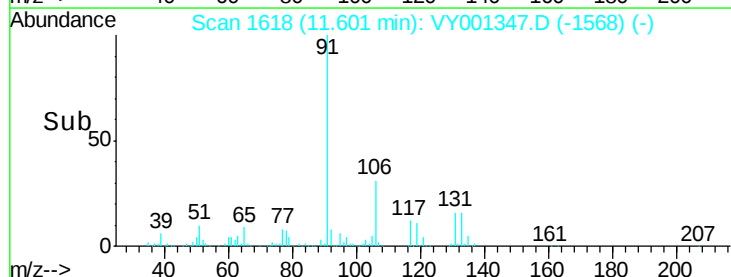
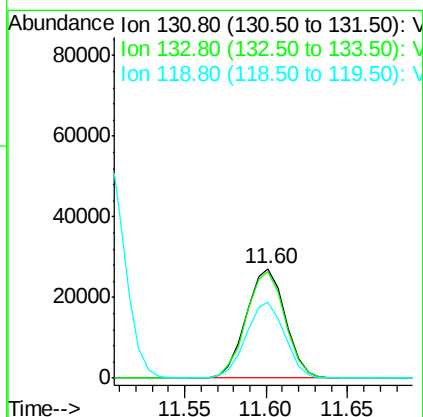
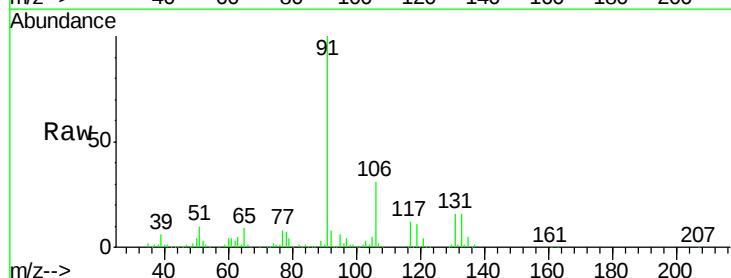
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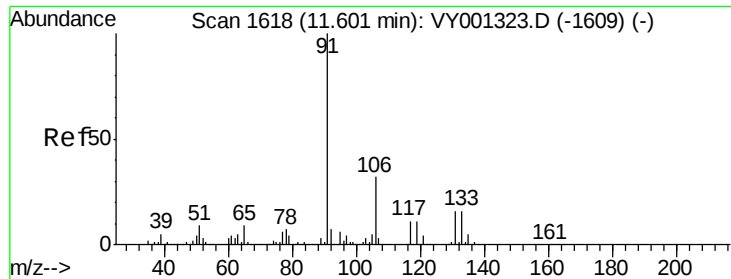
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.428 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion:131 Resp: 45298
Ion Ratio Lower Upper
131 100
133 97.0 47.1 141.3
119 68.4 34.1 102.2





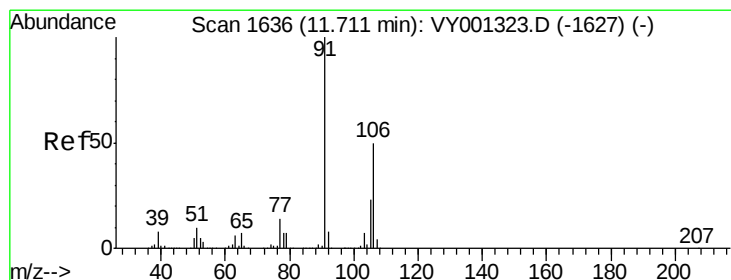
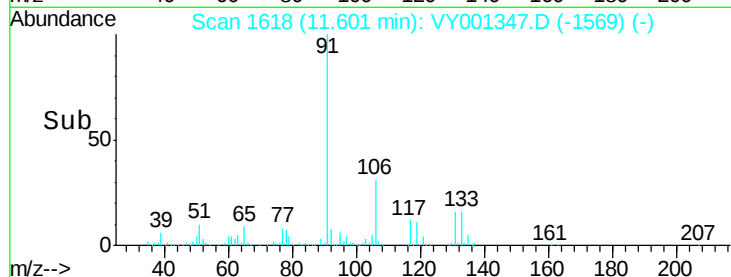
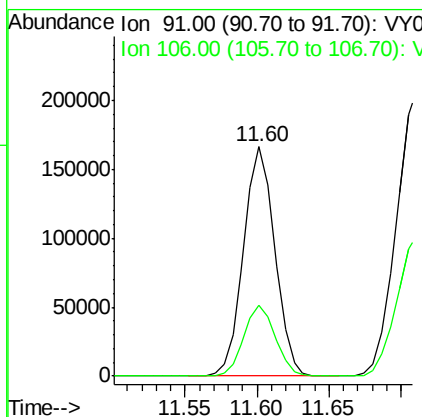
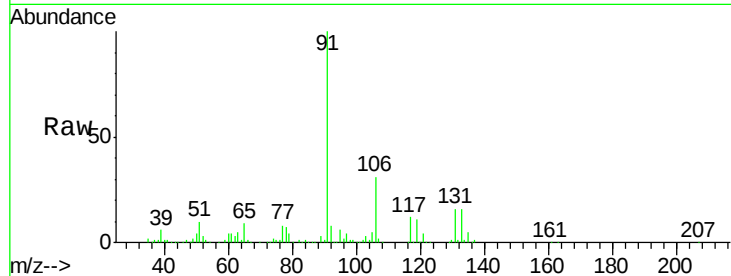
#67
Ethyl Benzene
Concen: 20.905 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion: 91 Resp: 250332
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.0

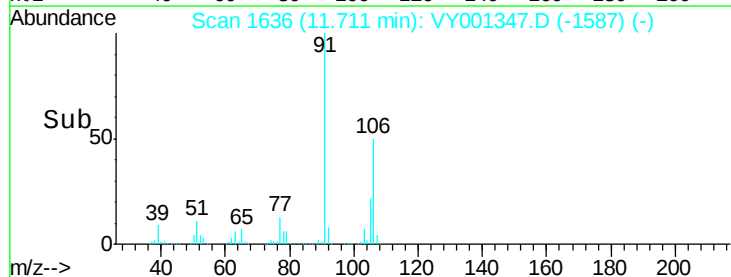
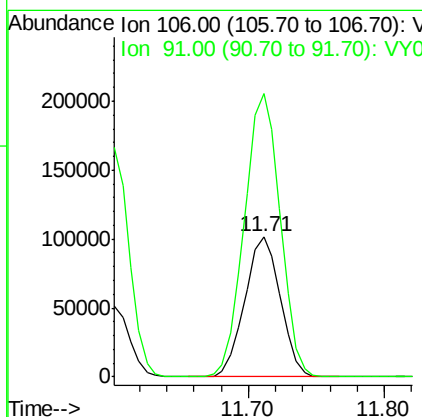
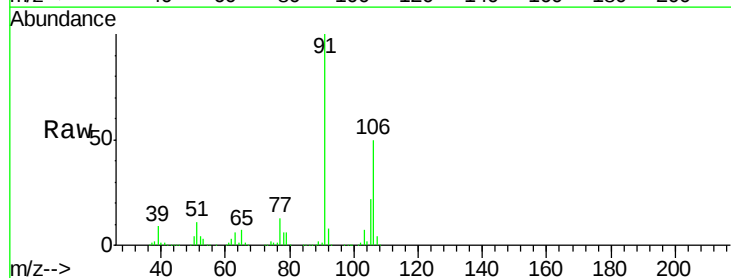
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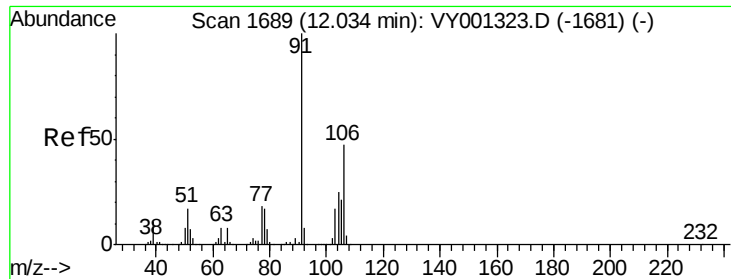
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#68
m/p-Xylenes
Concen: 41.567 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion: 106 Resp: 185901
Ion Ratio Lower Upper
106 100
91 204.2 162.8 244.2





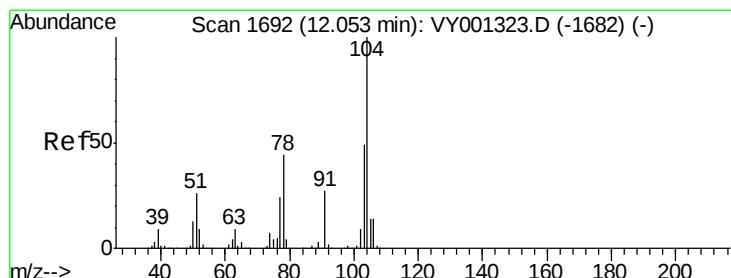
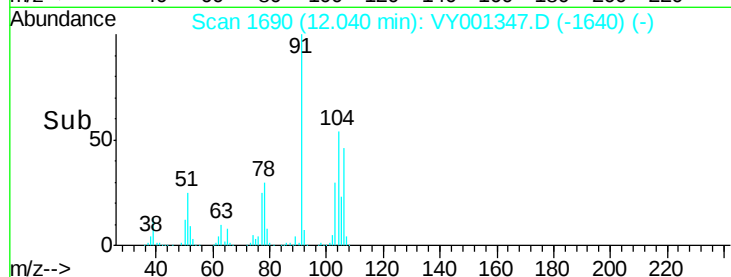
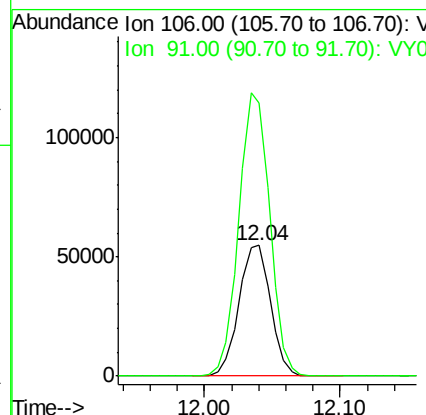
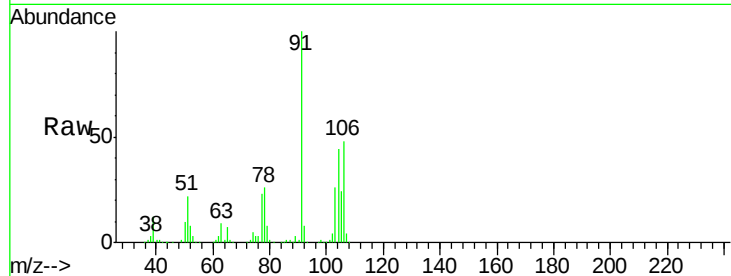
#69
o-Xylene
Concen: 20.609 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion:106 Resp: 88666
Ion Ratio Lower Upper
106 100
91 212.4 106.3 319.0

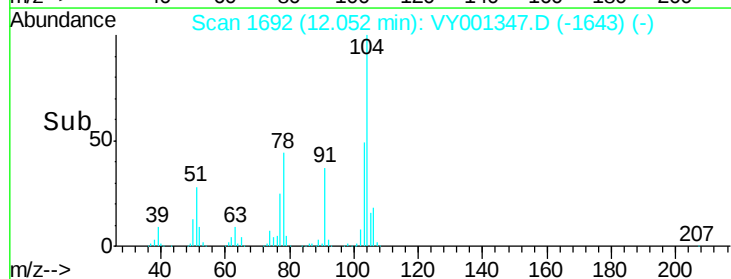
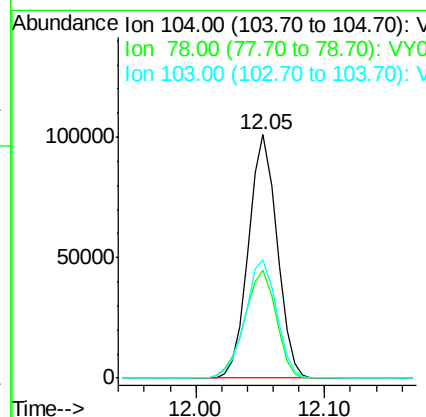
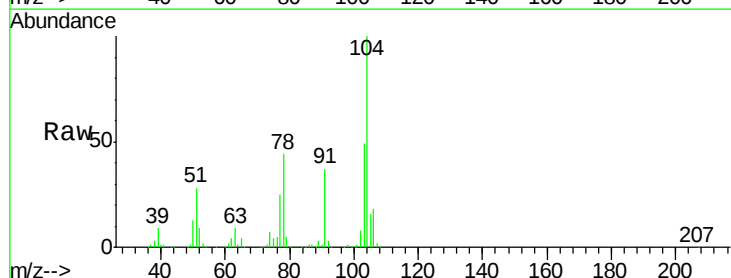
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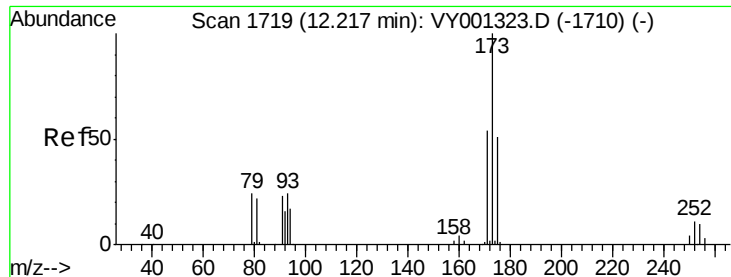
MMDadoda
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#70
Styrene
Concen: 20.431 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion:104 Resp: 154225
Ion Ratio Lower Upper
104 100
78 49.3 39.8 59.8
103 53.4 43.2 64.8





#71

Bromoform

Concen: 19.598 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion:173 Resp: 25941

Ion Ratio Lower Upper

173 100

175 46.7 24.3 72.9

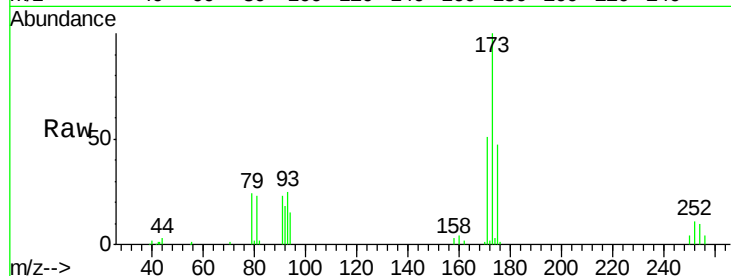
254 0.0 0.0 0.0

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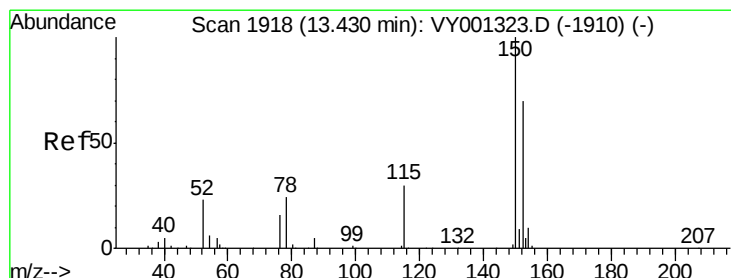
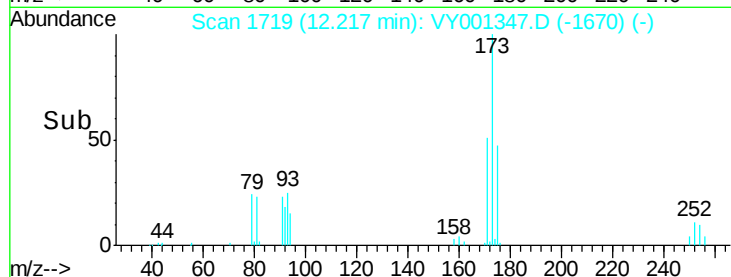
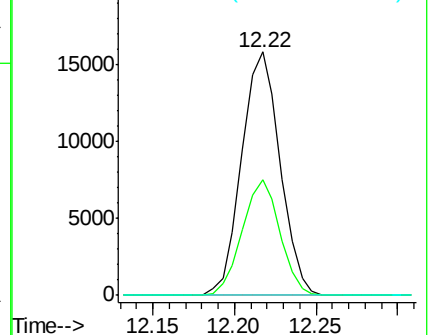
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

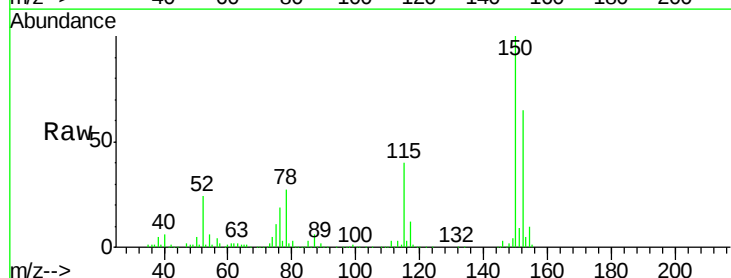
Tgt Ion:152 Resp: 148057

Ion Ratio Lower Upper

152 100

115 61.0 30.9 92.8

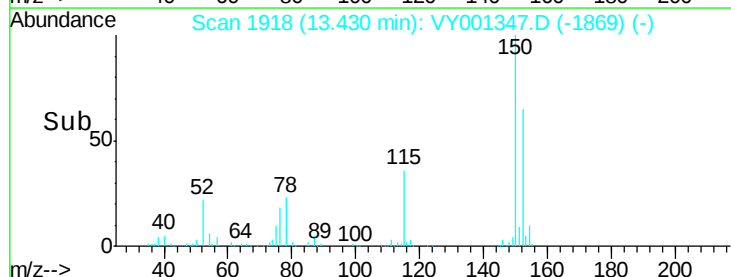
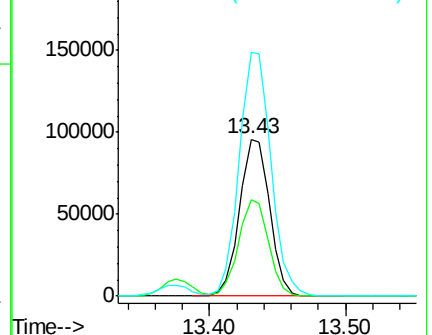
150 163.9 0.0 349.2

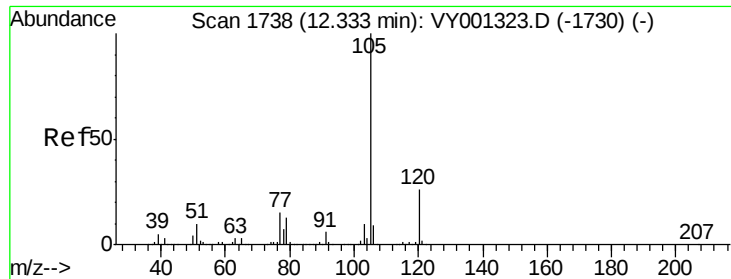


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.443 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion:105 Resp: 238835

Ion Ratio Lower Upper

105 100

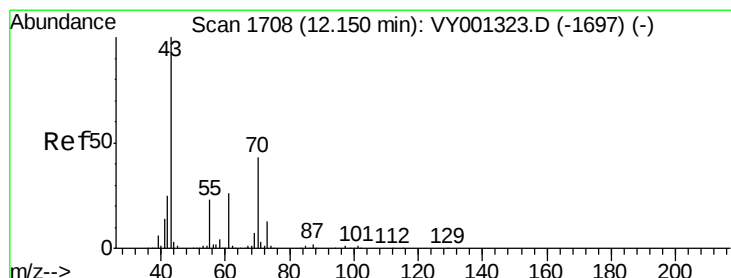
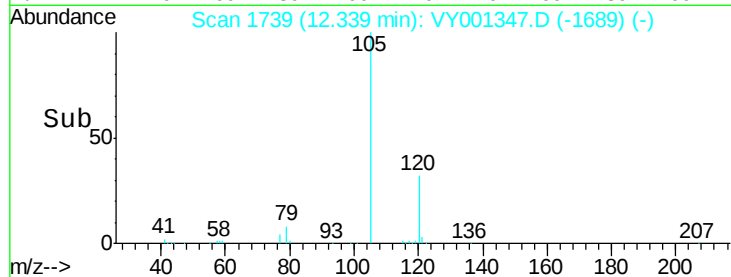
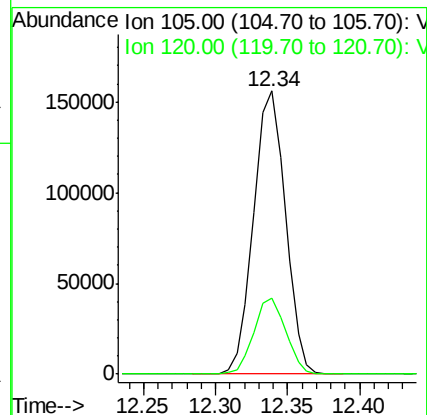
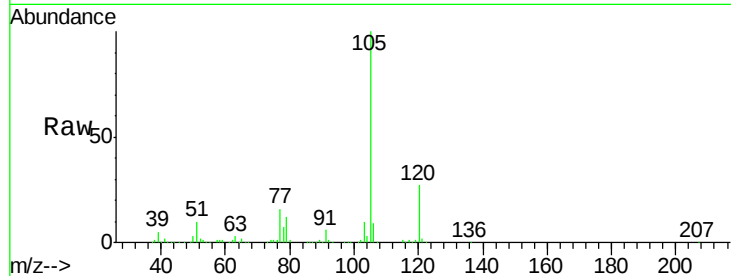
120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 18.790 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Tgt Ion: 43 Resp: 71857

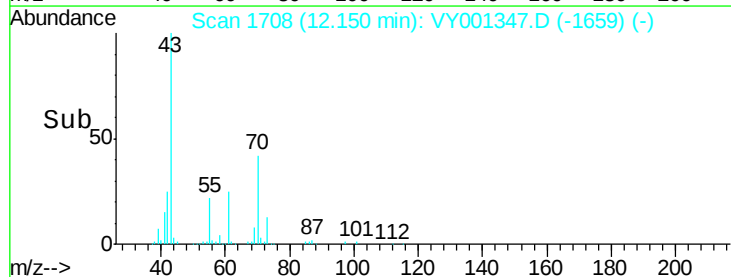
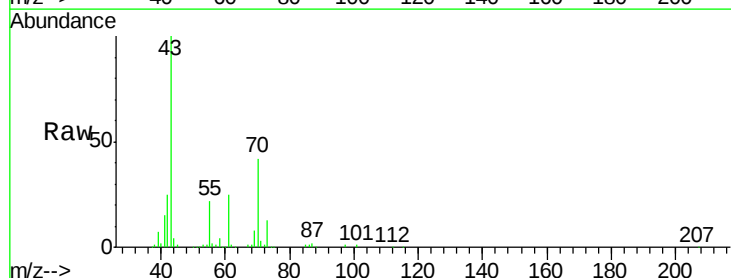
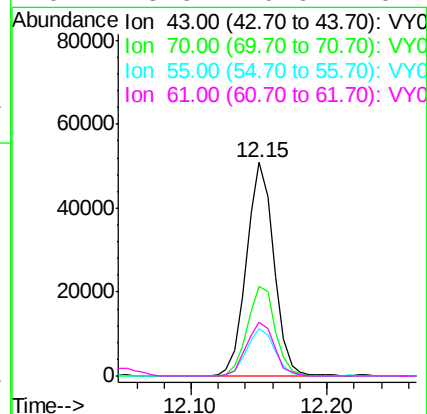
Ion Ratio Lower Upper

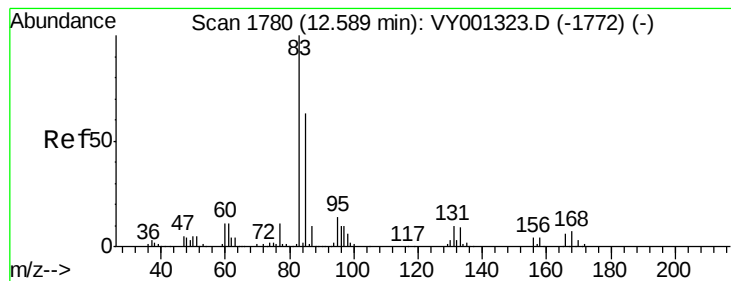
43 100

70 43.0 33.5 50.3

55 22.7 18.2 27.2

61 25.6 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.820 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

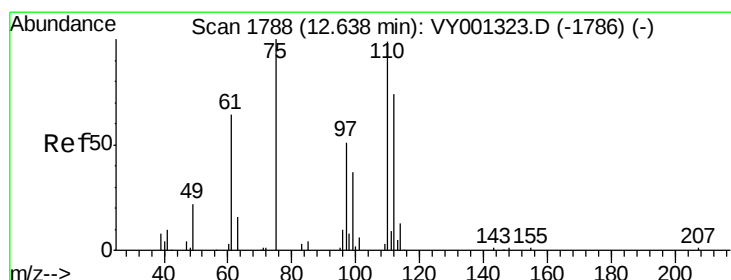
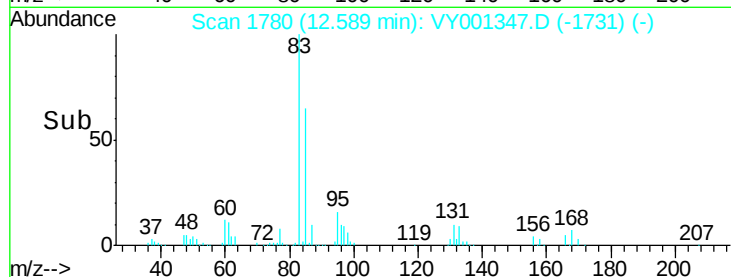
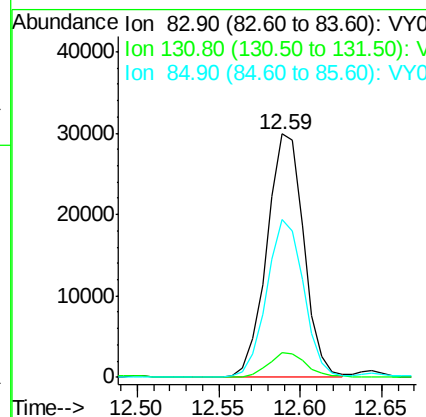
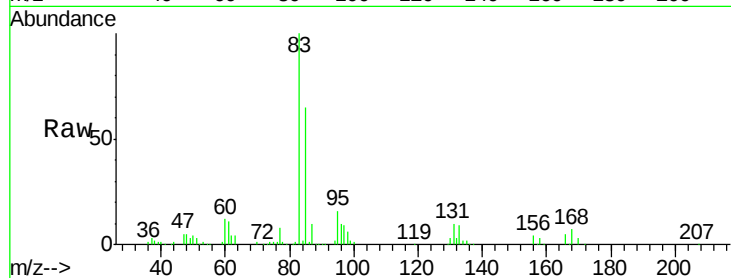
ClientSampleId :

VY0123SBS01

Tot Ion:	83	Resp:	47089
Ion Ratio	Lower	Upper	
83	100		
131	10.3	4.9	14.6
85	64.7	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.451 ug/l m

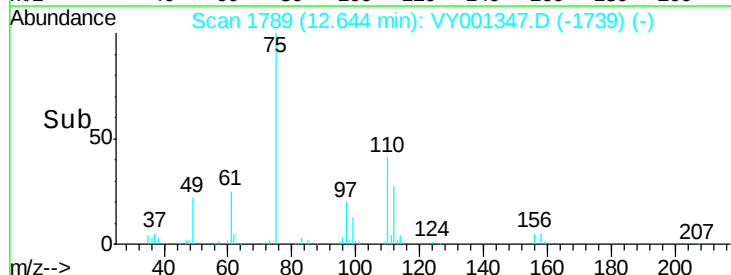
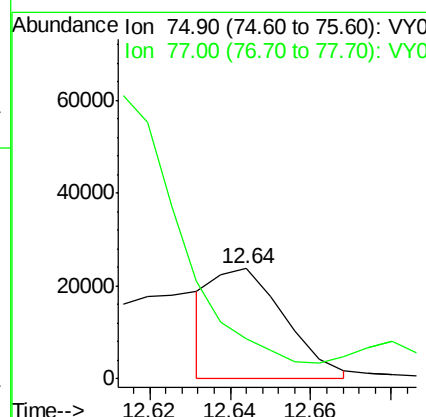
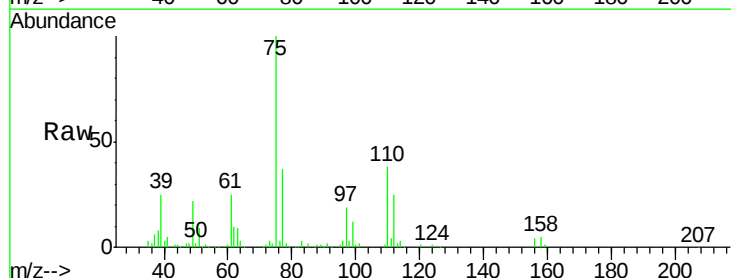
RT: 12.64 min Scan# 1789

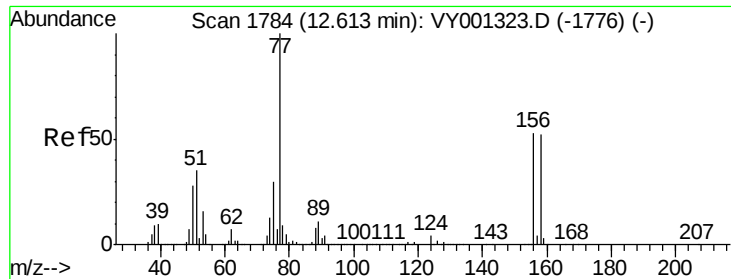
Delta R.T. 0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Tgt Ion:	75	Resp:	29351
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.985 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

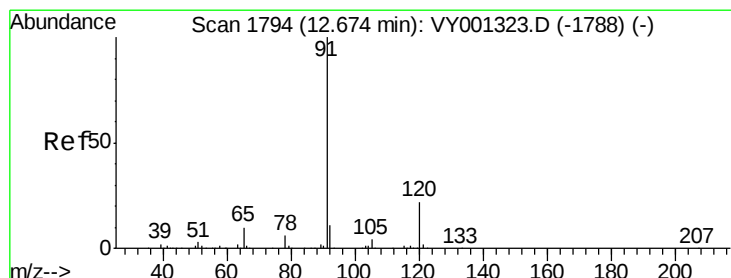
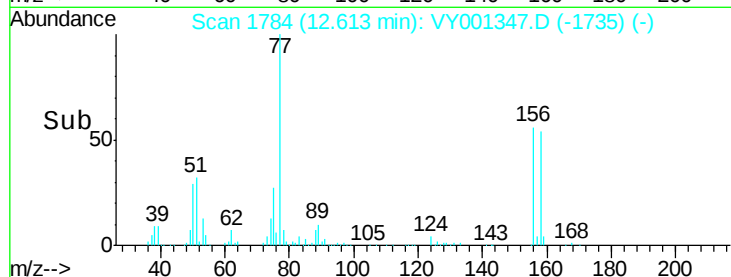
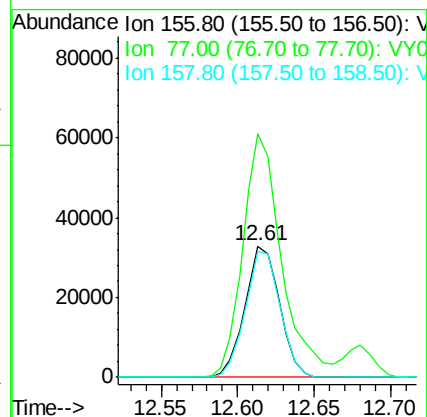
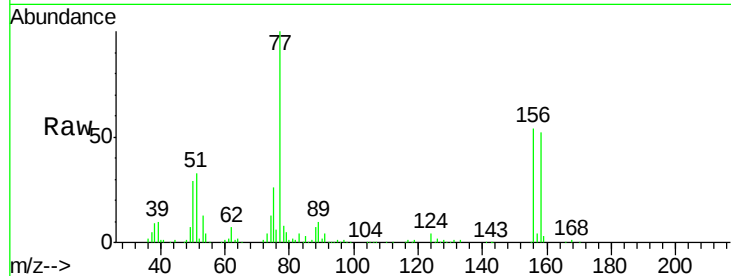
ClientSampleId :

VY0123SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	208.1	104.7	313.9
158	97.2	48.6	145.8

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#78

n-propylbenzene

Concen: 20.807 ug/l

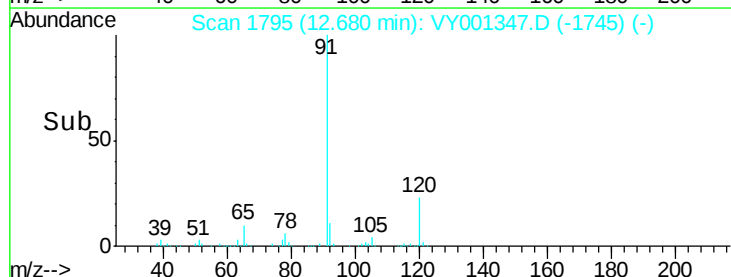
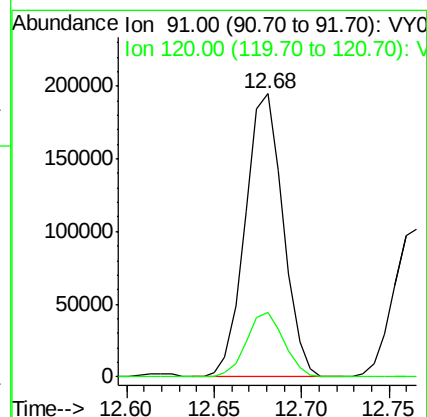
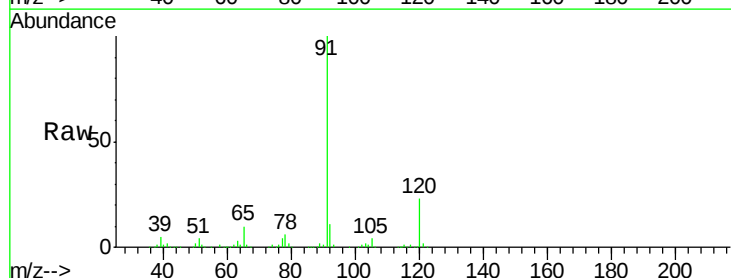
RT: 12.68 min Scan# 1795

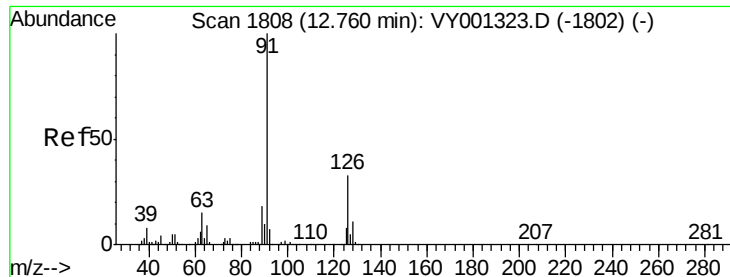
Delta R.T. 0.01 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.3	33.8





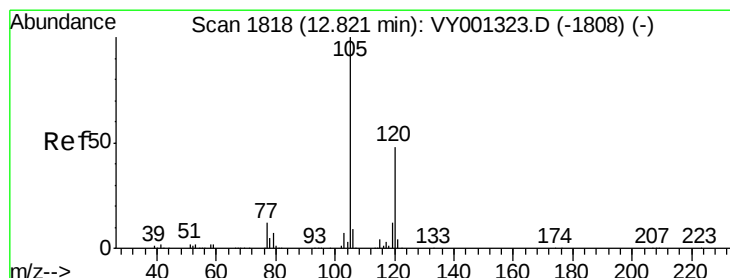
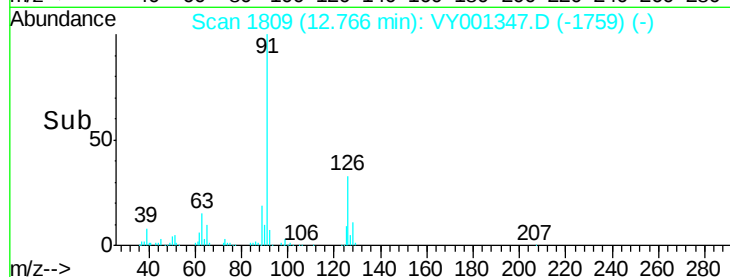
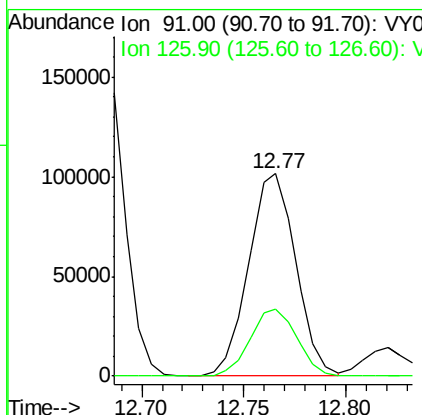
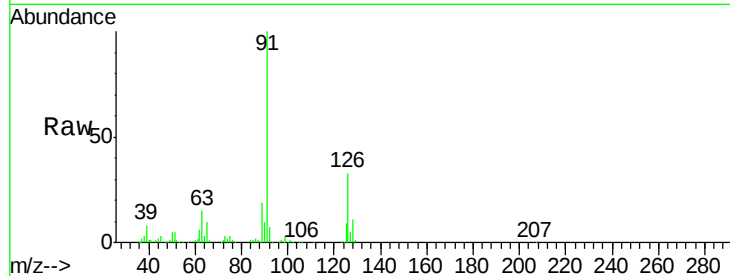
#79
 2-Chlorotoluene
 Concen: 20.270 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001347.D
 Acq: 23 Jan 2020 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Tot Ion: 91 Resp: 162834
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.6 49.7

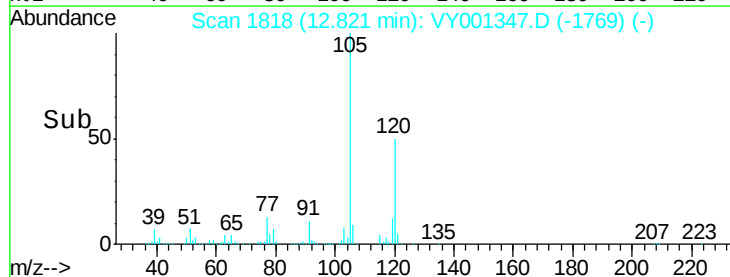
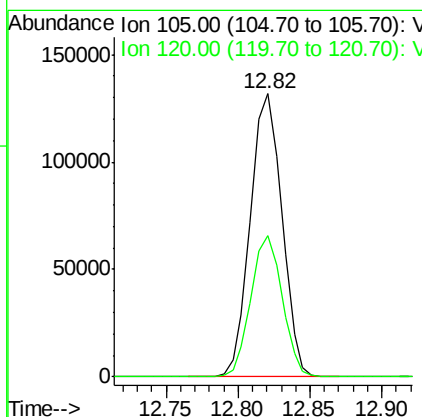
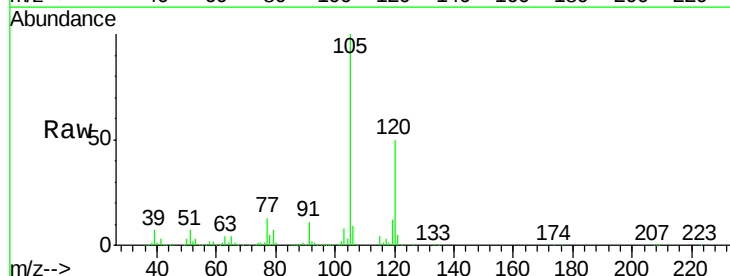
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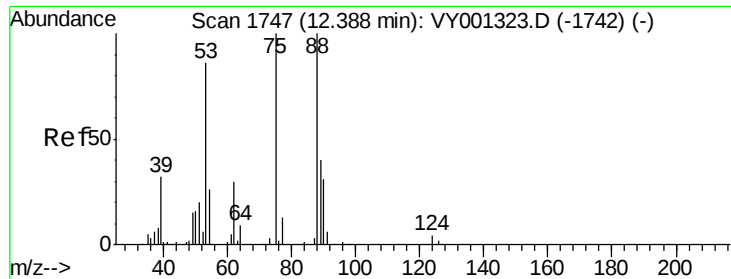
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.487 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001347.D
 Acq: 23 Jan 2020 12:44

Tgt Ion: 105 Resp: 199787
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.3 72.9





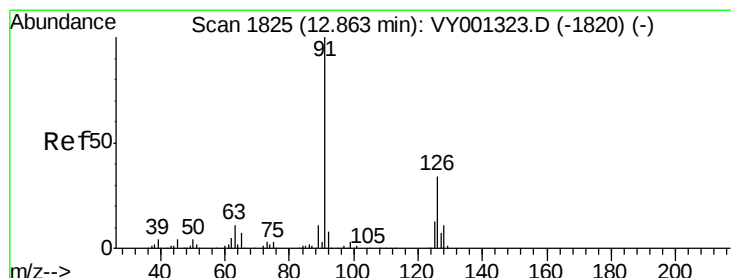
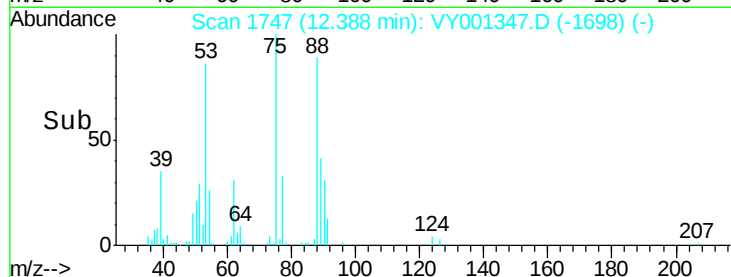
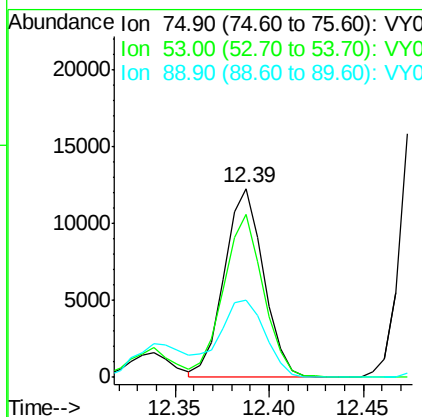
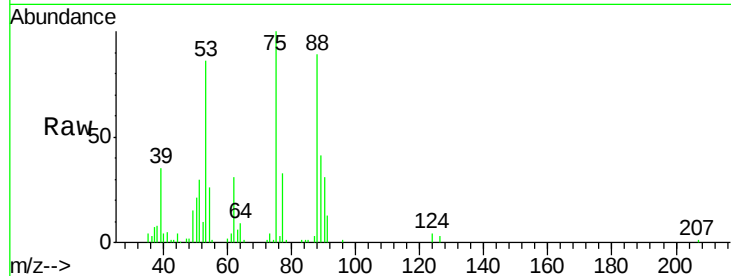
#81
trans-1,4-Dichloro-2-butene
Concen: 18.834 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.0	69.9	104.9
89	49.1	36.6	54.8

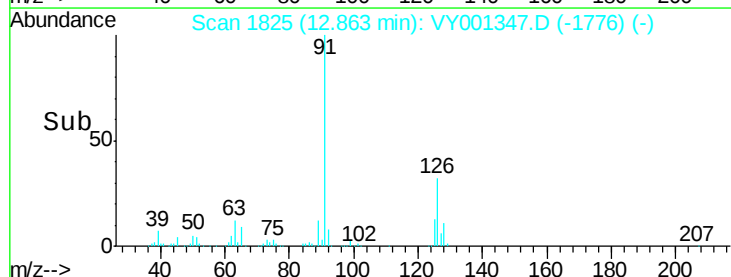
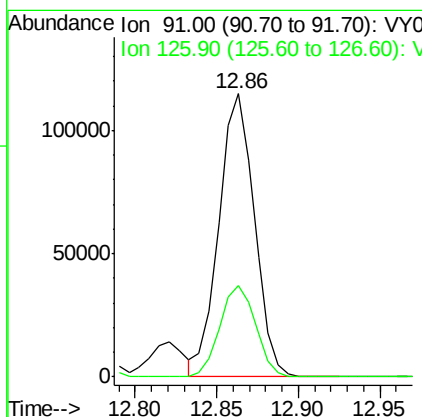
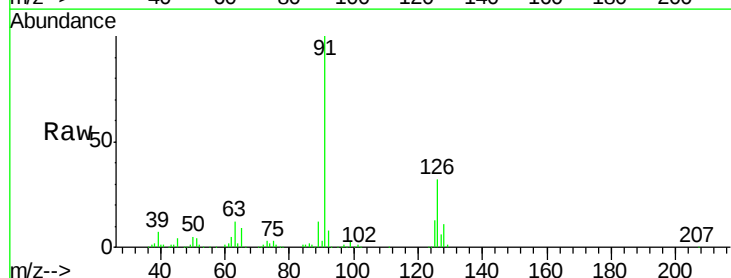
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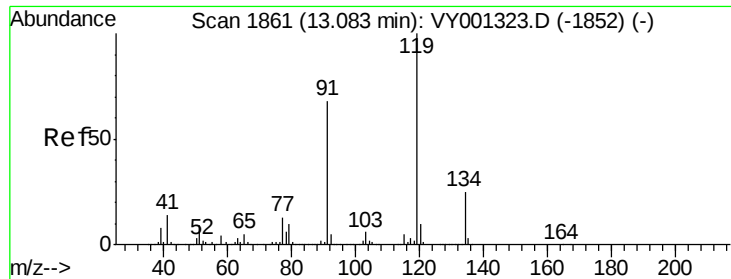
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#82
4-Chlorotoluene
Concen: 20.312 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.4





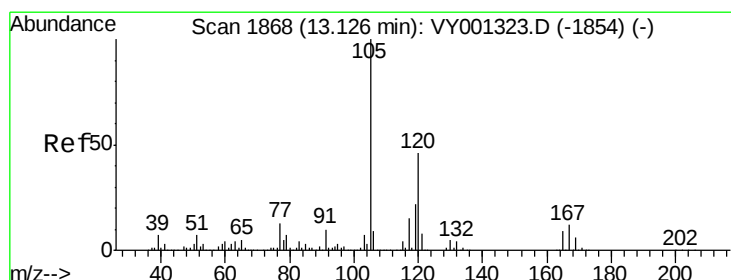
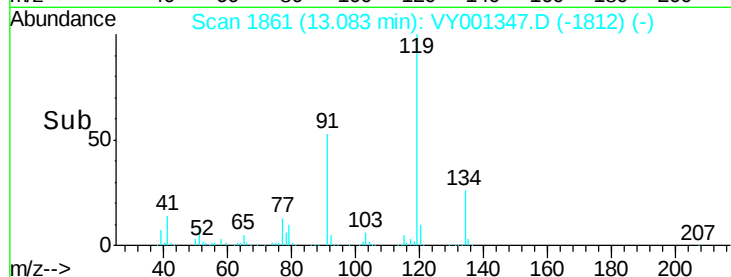
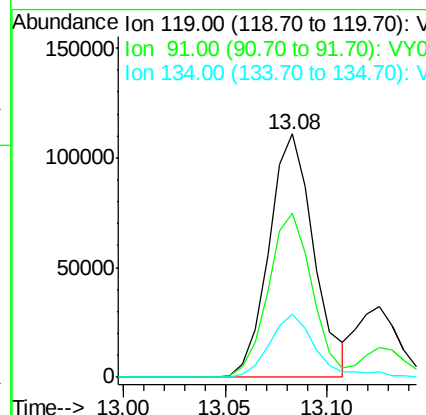
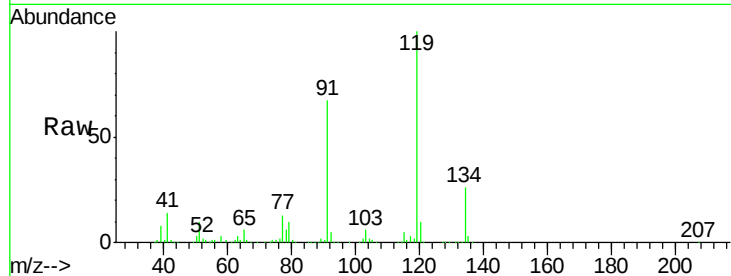
#83
tert-Butylbenzene
Concen: 20.669 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	169908		
91	66.0	33.0	99.0	
134	26.8	13.3	39.9	

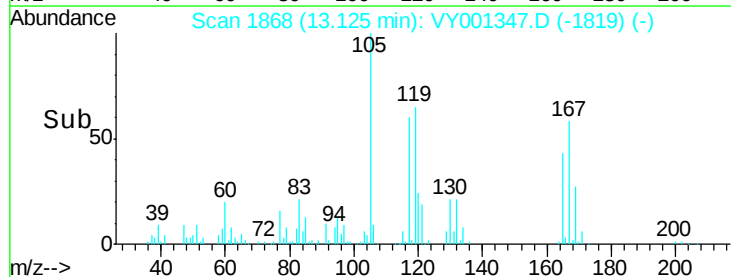
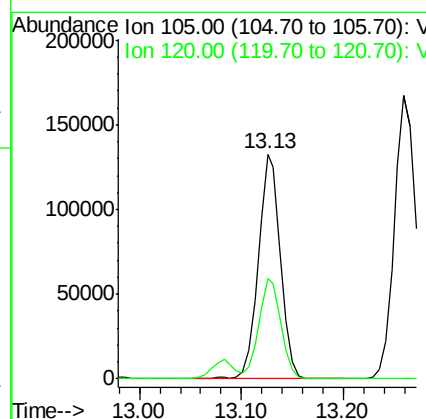
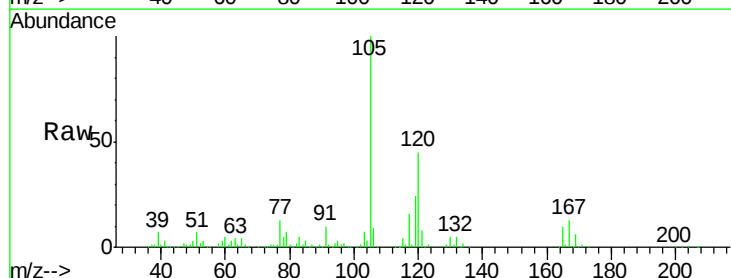
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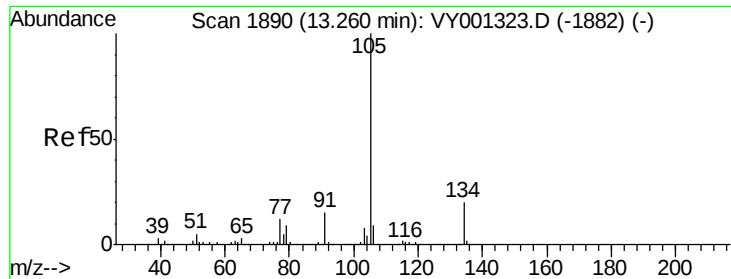
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#84
1,2,4-Trimethylbenzene
Concen: 20.486 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	200573		
120	44.7	22.4	67.3	





#85

sec-Butylbenzene

Concen: 21.013 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS01

Tot Ion:105 Resp: 245420

Ion Ratio Lower Upper

105 100

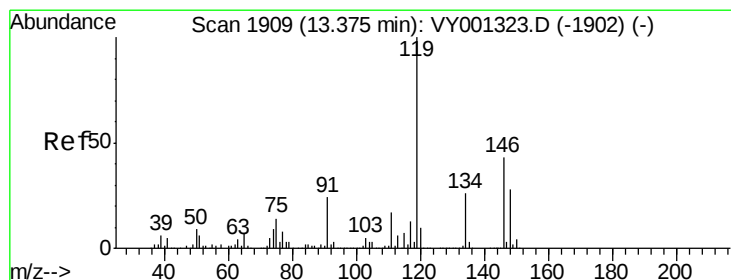
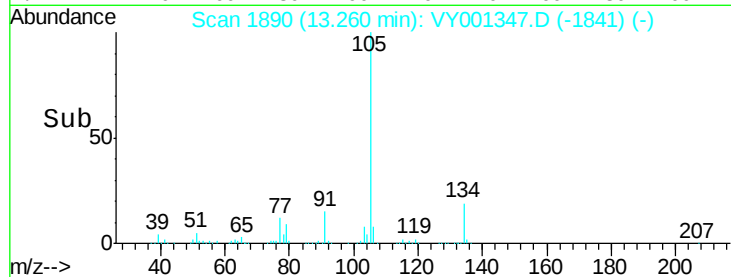
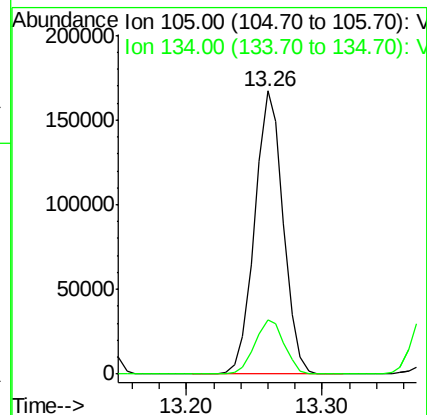
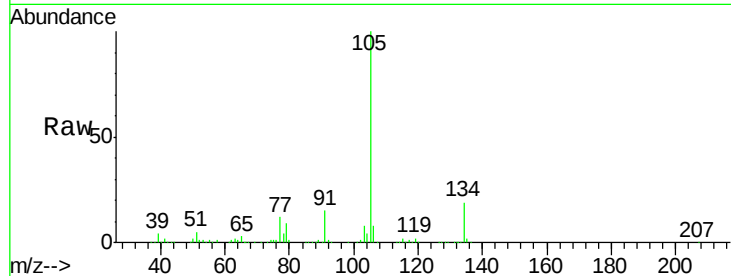
134 19.8 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 21.037 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

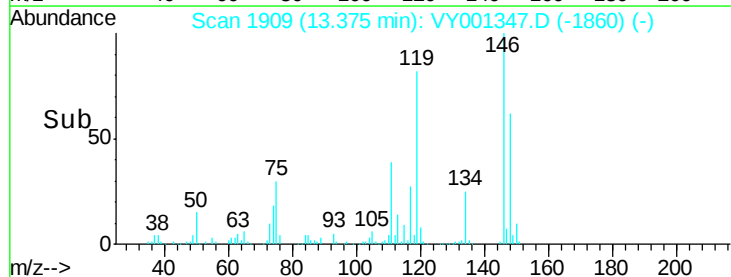
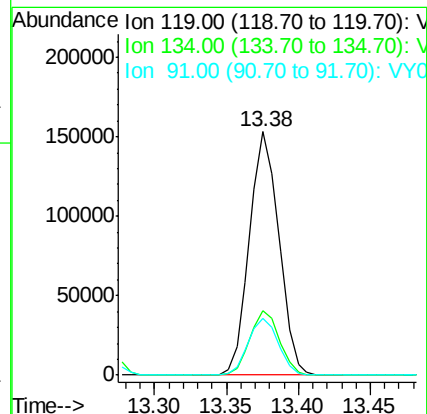
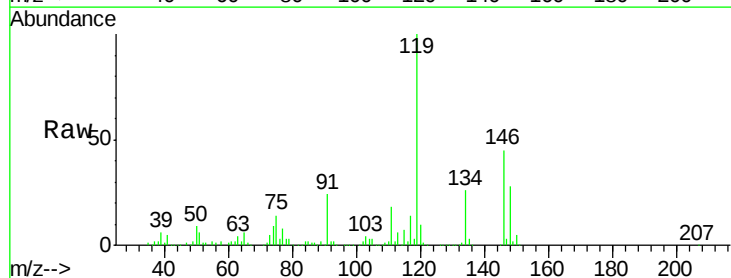
Tgt Ion:119 Resp: 216518

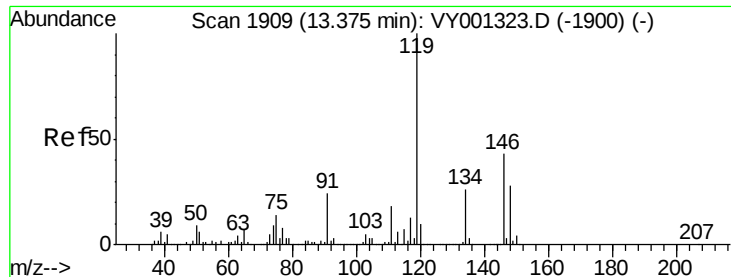
Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

91 24.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 20.577 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_Y

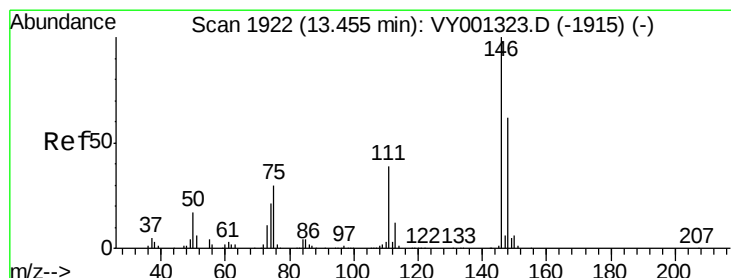
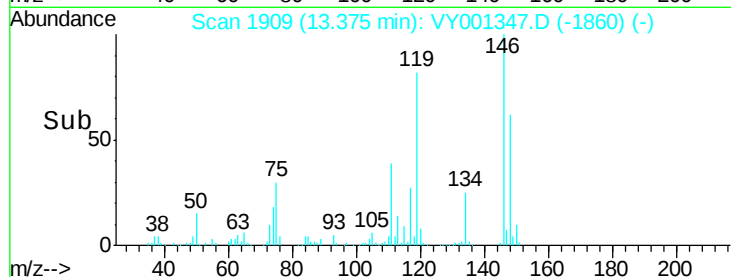
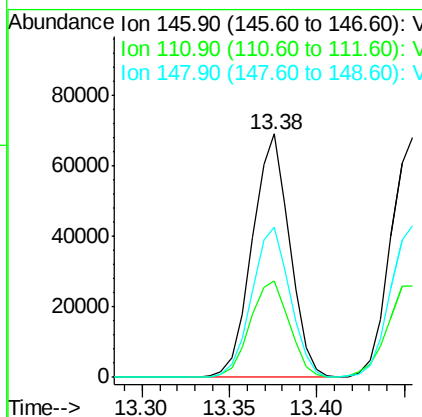
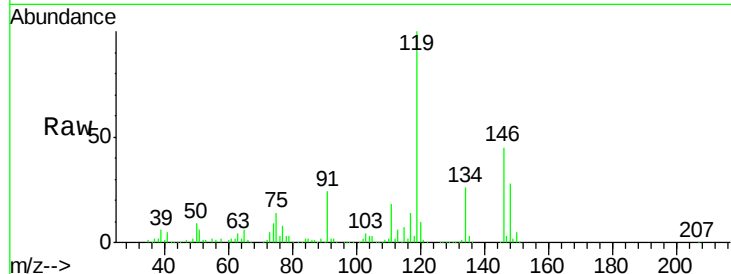
ClientSampleId :

VY0123SBS01

Tot Ion:	146	Resp:	102545
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.6	61.8
148	62.9	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 20.174 ug/l

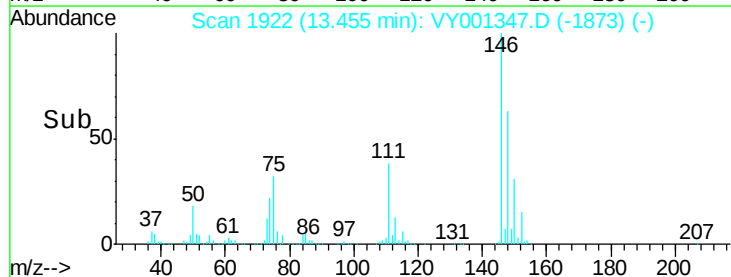
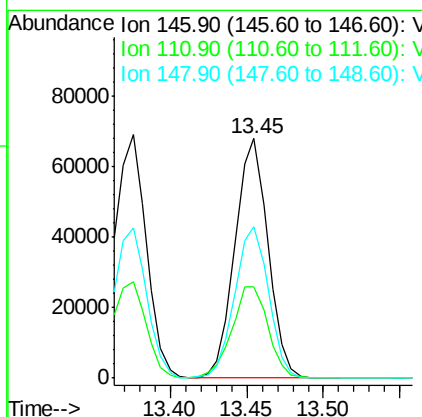
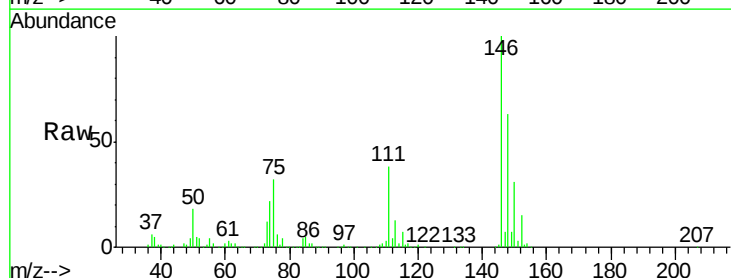
RT: 13.45 min Scan# 1922

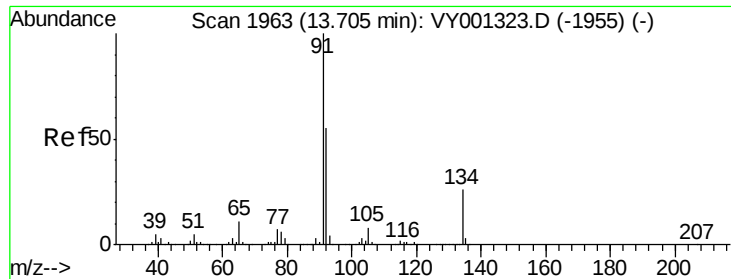
Delta R.T. -0.00 min

Lab File: VY001347.D

Acq: 23 Jan 2020 12:44

Tgt Ion:	146	Resp:	102081
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.5	61.5
148	64.5	31.6	95.0





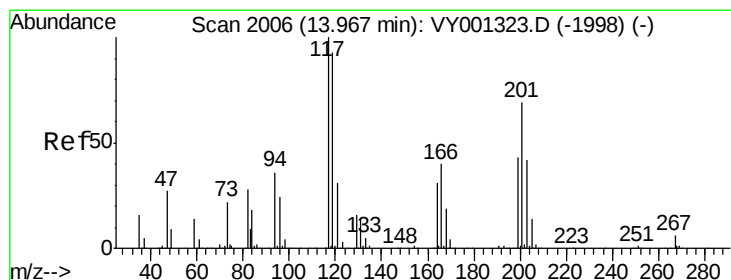
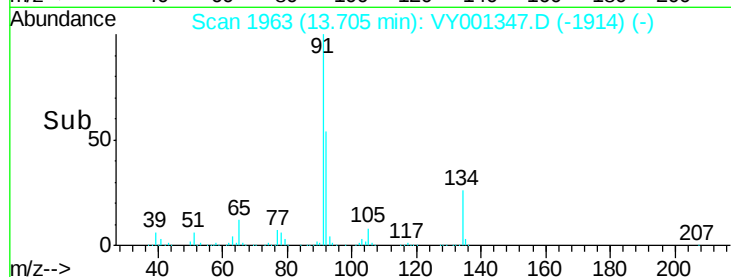
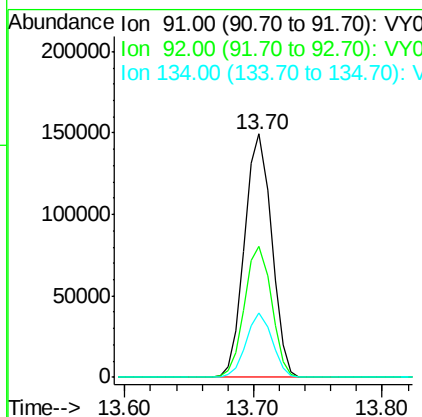
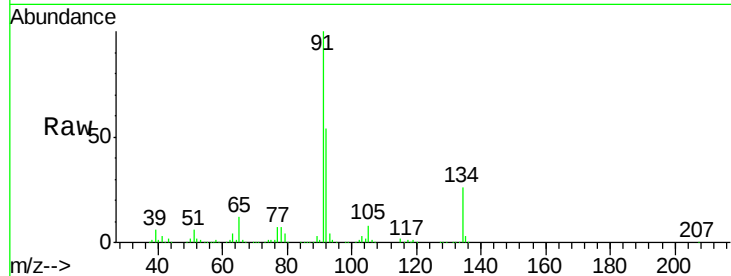
#89
n-Butylbenzene
Concen: 21.002 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	217541		
92	53.8		27.6	82.8
134	25.4		12.9	38.6

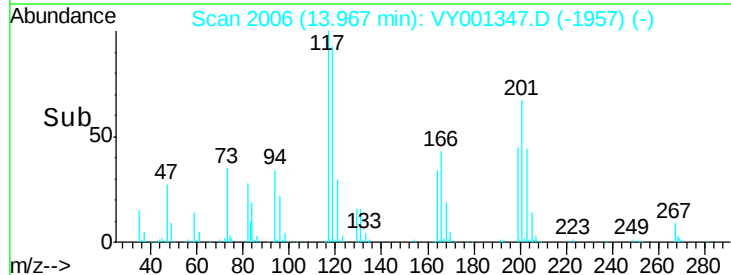
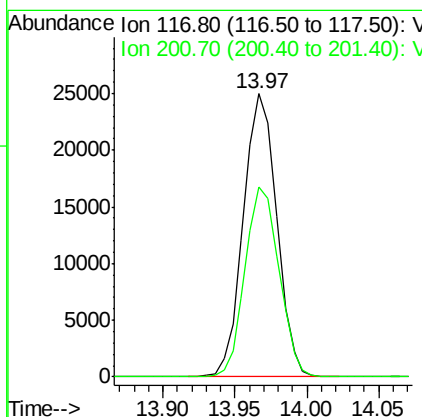
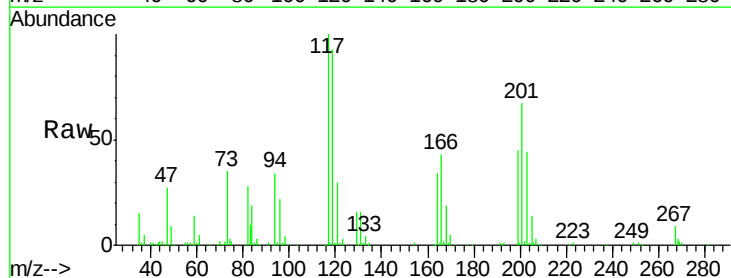
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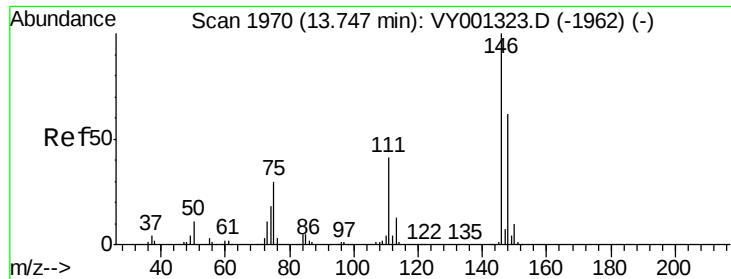
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#90
Hexachloroethane
Concen: 20.583 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	40156		
201	68.3		34.6	103.8





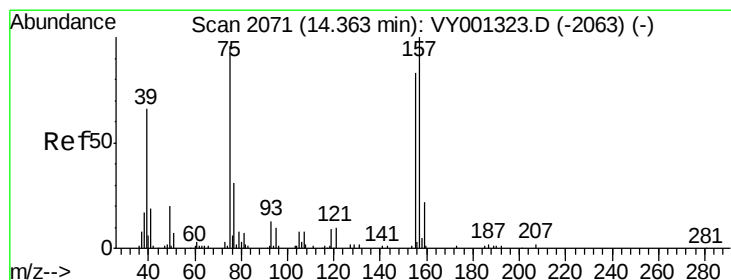
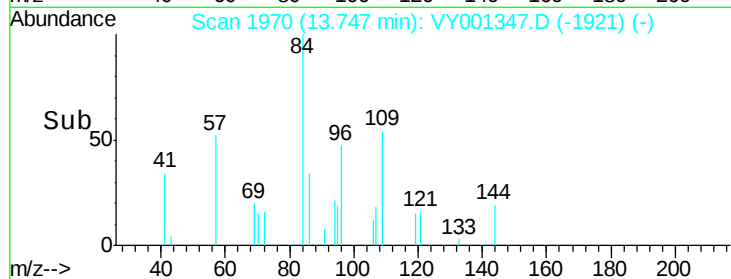
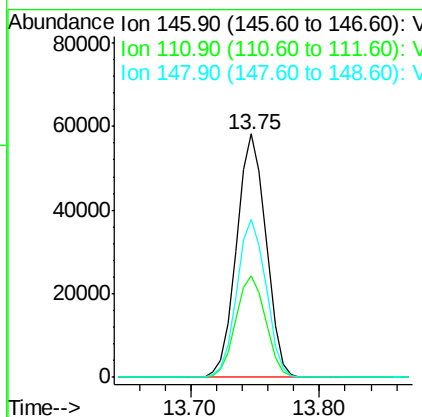
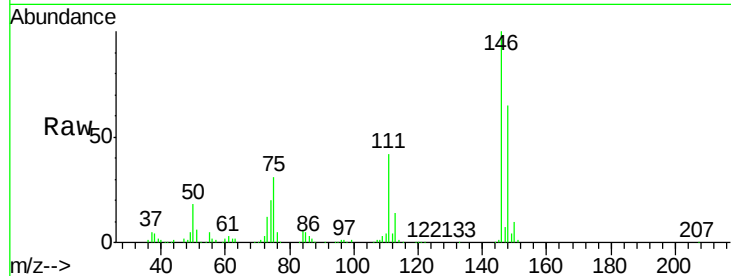
#91
 1,2-Dichlorobenzene
 Concen: 20.042 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001347.D
 Acq: 23 Jan 2020 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.4
148	64.6	31.5	94.5

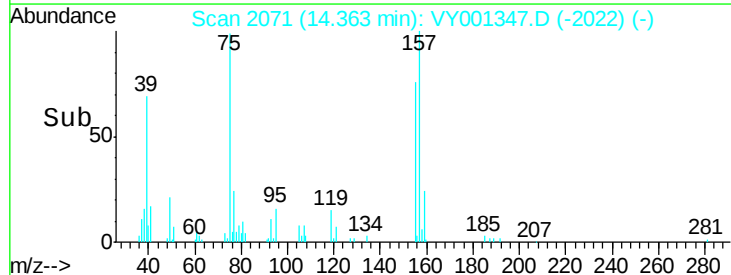
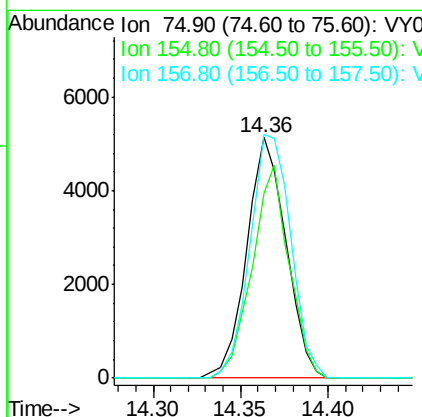
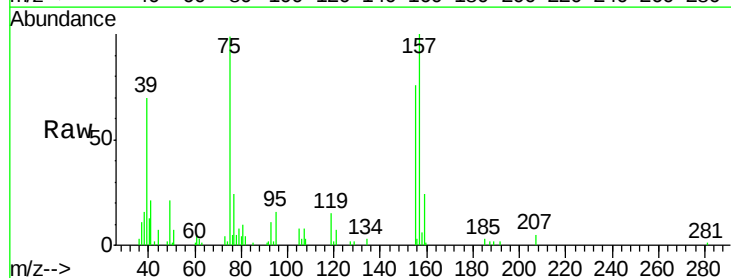
Manual Integrations
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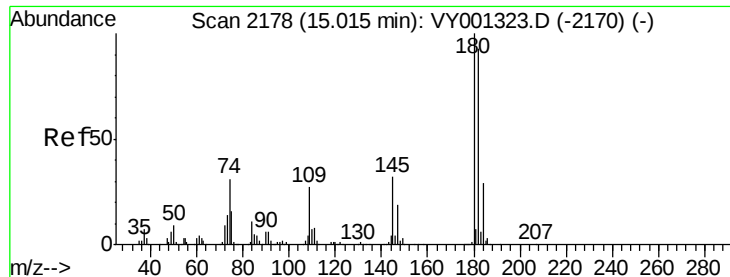
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.543 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001347.D
 Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.3	43.0	129.2
157	105.4	53.3	160.0





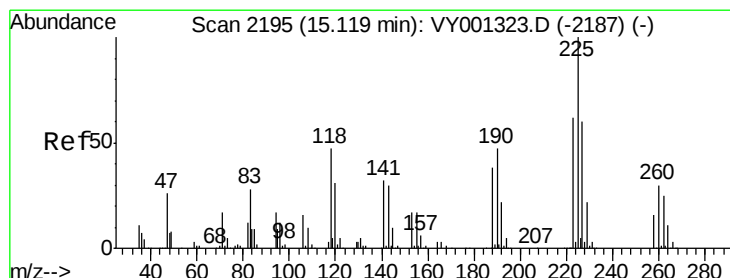
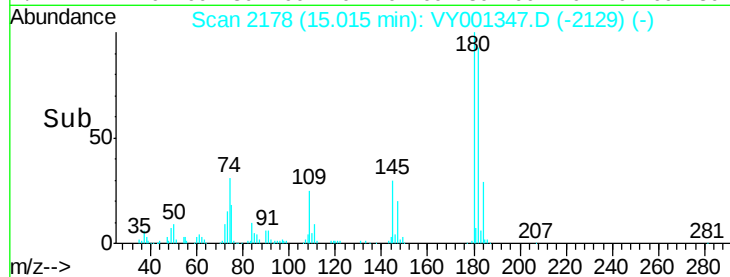
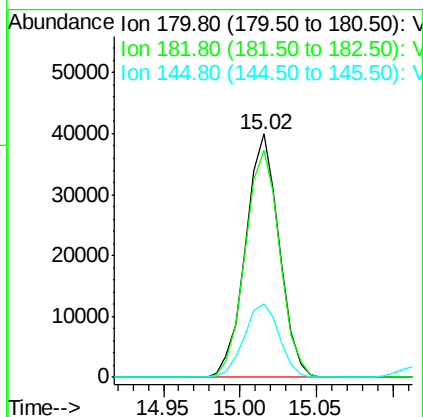
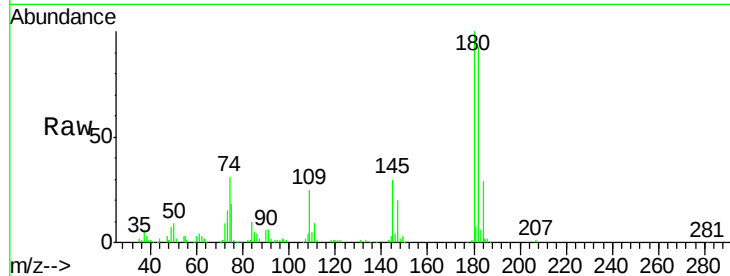
#93
 1,2,4-Trichlorobenzene
 Concen: 19.773 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001347.D
 Acq: 23 Jan 2020 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.6	142.8
145	31.8	16.3	48.9

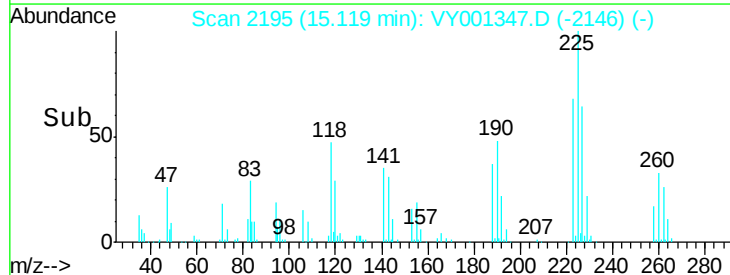
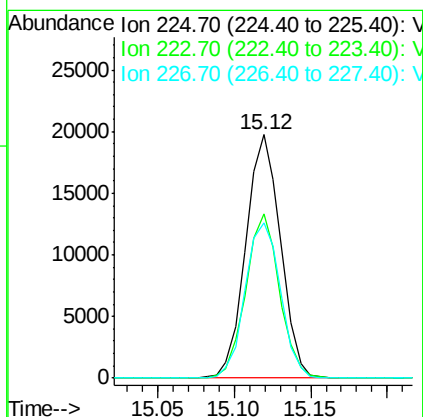
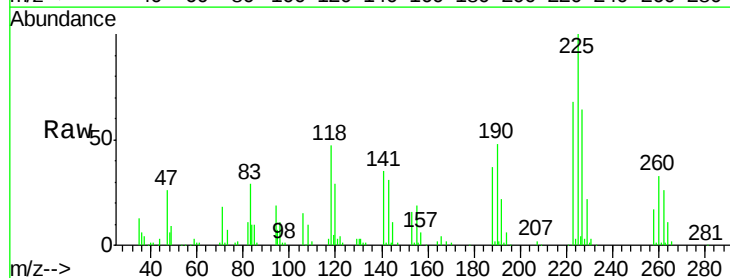
Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 4:03:31 PM



#94
 Hexachlorobutadiene
 Concen: 20.698 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001347.D
 Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	31.2	93.6
227	65.4	31.0	93.0





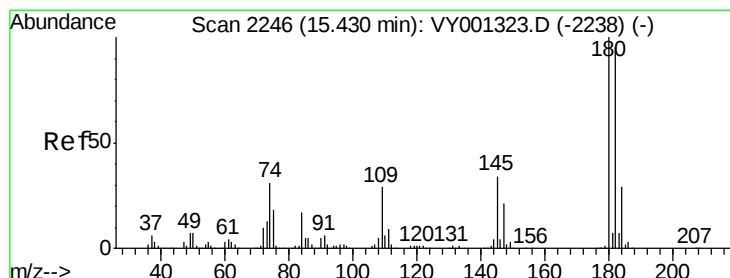
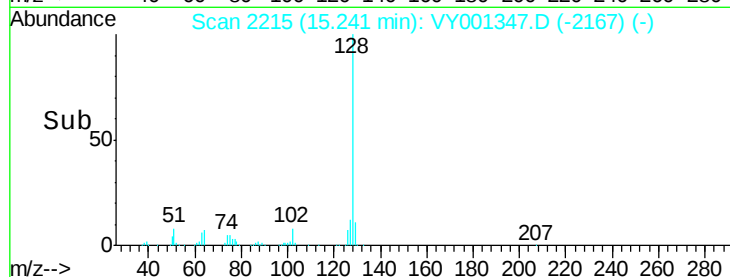
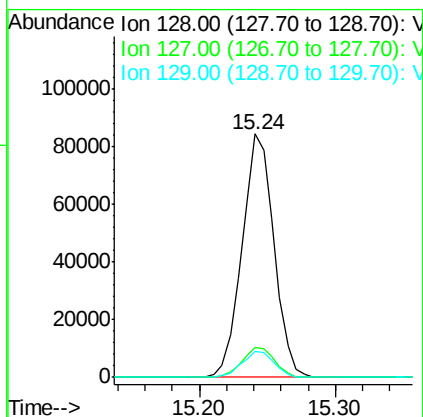
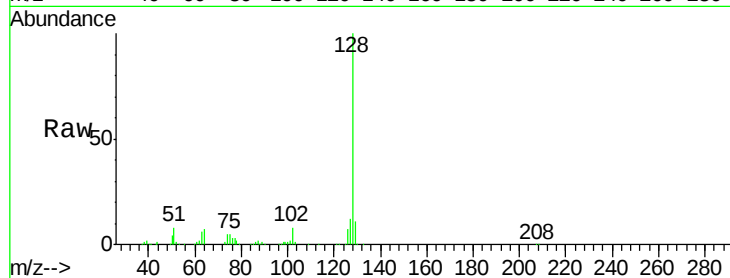
#95
Naphthalene
Concen: 19.536 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/24/2020 4:03:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.948 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001347.D
Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	141.8
145	32.5	16.8	50.3

