

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002398.D
 Acq On : 17 Apr 2020 14:50
 Operator : SY/MD
 Sample : L2271-06MSD
 Misc : 3.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 11:41:16 AM

Quant Time: Apr 18 07:05:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	49481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	82731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	53851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	12918	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	28872	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
35) Dibromofluoromethane	7.74	113	30419	61.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.58%	
50) Toluene-d8	10.19	98	97158	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
62) 4-Bromofluorobenzene	12.49	95	18627	27.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	27800	55.591	ug/l	92
3) Chloromethane	2.12	50	36326	57.717	ug/l	99
4) Vinyl Chloride	2.26	62	37479	55.946	ug/l	99
5) Bromomethane	2.67	94	24998	60.427	ug/l	97
6) Chloroethane	2.81	64	23609	61.108	ug/l	97
7) Trichlorofluoromethane	3.15	101	47141	54.489	ug/l	95
8) Diethyl Ether	3.55	74	26390	71.753	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.93	101	29900	50.879	ug/l	98
10) Methyl Iodide	4.12	142	35826	52.446	ug/l	95
11) Tert butyl alcohol	4.99	59	21152	377.994	ug/l #	93
12) 1,1-Dichloroethene	3.90	96	34083	57.046	ug/l	83
14) Allvl chloride	4.50	41	44108	45.717	ug/l #	91
15) Acrylonitrile	5.19	53	52396	278.582	ug/l	99
16) Acetone	3.97	43	37834	261.050	ug/l	91
17) Carbon Disulfide	4.22	76	84675	42.674	ug/l	95
18) Methyl Acetate	4.50	43	98013	218.028	ug/l	90
19) Methyl tert-butyl Ether	5.25	73	107480	68.427	ug/l	99
20) Methylene Chloride	4.75	84	43461	61.011	ug/l	88
21) trans-1,2-Dichloroethene	5.25	96	33806	50.409	ug/l	94
22) Diisopropyl ether	6.14	45	106445	54.822	ug/l	89
23) Vinyl Acetate	6.14	43	48588	39.269	ug/l #	70
24) 1,1-Dichloroethane	6.05	63	62520	56.611	ug/l	99
25) 2-Butanone	7.01	43	57567	250.991	ug/l	90
26) 2,2-Dichloropropane	7.00	77	48122	52.090	ug/l	96
27) cis-1,2-Dichloroethene	7.01	96	38977	53.317	ug/l	92
28) Bromochloromethane	7.36	49	24535	51.464	ug/l	84
29) Tetrahydrofuran	7.37	42	44945	296.448	ug/l	87
30) Chloroform	7.53	83	57860	55.579	ug/l	100
31) Cyclohexane	7.80	56	41059	35.418	ug/l	90
32) 1,1,1-Trichloroethane	7.72	97	46980	54.218	ug/l	98
36) 1,1-Dichloropropene	7.94	75	36906	45.290	ug/l	95
37) Ethyl Acetate	7.10	43	1870m	4.017	ug/l	
38) Carbon Tetrachloride	7.93	117	36047	51.715	ug/l	93
39) Methylcyclohexane	9.20	83	32669	29.471	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.18	78	138129	55.869	ug/l	99
41) Methacrylonitrile	7.35	41	11775m	42.877	ug/l	
42) 1,2-Dichloroethane	8.25	62	34884	56.959	ug/l	95
43) Isopropyl Acetate	8.29	43	9125	10.748	ug/l #	58
44) Trichloroethene	8.96	130	37063	50.989	ug/l	89
45) 1,2-Dichloropropane	9.23	63	36021	58.720	ug/l	98
46) Dibromomethane	9.32	93	18905	58.942	ug/l	97
47) Bromodichloromethane	9.51	83	41699	56.660	ug/l	94
48) Methyl methacrylate	9.30	41	24067	63.219	ug/l	87
49) 1,4-Dioxane	9.31	88	8343	1838.853	ug/l #	85
51) 4-Methyl-2-Pentanone	10.08	43	111854	252.829	ug/l	93
52) Toluene	10.25	92	71099	47.718	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	35303	44.027	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	44448	46.107	ug/l #	92
55) 1,1,2-Trichloroethane	10.66	97	28994	61.744	ug/l	98
56) Ethyl methacrylate	10.52	69	2614	3.900	ug/l #	75
57) 1,3-Dichloropropane	10.80	76	47637	57.716	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	81727	235.481	ug/l	96
59) 2-Hexanone	10.85	43	62703	204.214	ug/l	91
60) Dibromochloromethane	11.00	129	27562	55.045	ug/l	98
61) 1,2-Dibromoethane	11.10	107	23720	53.060	ug/l	100
64) Tetrachloroethene	10.73	164	32330	59.381	ug/l	94
65) Chlorobenzene	11.52	112	55464	49.548	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	27453	74.281	ug/l	98
67) Ethyl Benzene	11.60	91	109018	53.198	ug/l	99
68) m/p-Xylenes	11.71	106	78507	102.283	ug/l	96
69) o-Xylene	12.03	106	40613	56.360	ug/l	96
70) Stvrene	12.05	104	49507	39.599	ug/l	97
71) Bromoform	12.22	173	13447	66.906	ug/l #	100
73) Isopropylbenzene	12.34	105	118338	116.606	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.59	83	13187	107.400	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	21240m	141.594	ug/l	
77) Bromobenzene	12.62	156	17236	77.196	ug/l	94
78) n-propylbenzene	12.68	91	85778	67.960	ug/l	99
79) 2-Chlorotoluene	12.77	91	46881	68.347	ug/l	96
80) 1,3,5-Trimethylbenzene	12.82	105	63554	75.722	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	7471	96.869	ug/l	95
82) 4-Chlorotoluene	12.86	91	44693	62.166	ug/l	99
83) tert-Butylbenzene	13.08	119	56823	80.826	ug/l	96
84) 1,2,4-Trimethylbenzene	13.13	105	57438	68.532	ug/l	98
85) sec-Butylbenzene	13.26	105	62498	59.676	ug/l	99
86) p-Isopropyltoluene	13.38	119	30395	33.721	ug/l	98
87) 1,3-Dichlorobenzene	13.38	146	21980	50.796	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	21295	48.481	ug/l	100
89) n-Butylbenzene	13.70	91	34017	36.818	ug/l	99
90) Hexachloroethane	13.97	117	10635	61.917	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	20893	53.137	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	2722	91.662	ug/l	87
93) 1,2,4-Trichlorobenzene	15.02	180	6275	24.416	ug/l	93
94) Hexachlorobutadiene	15.12	225	3561	27.510	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.25	128	15808	28.092	ug/l	98
96) 1,2,3-Trichlorobenzene	15.44	180	4873	21.836	ug/l	99

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

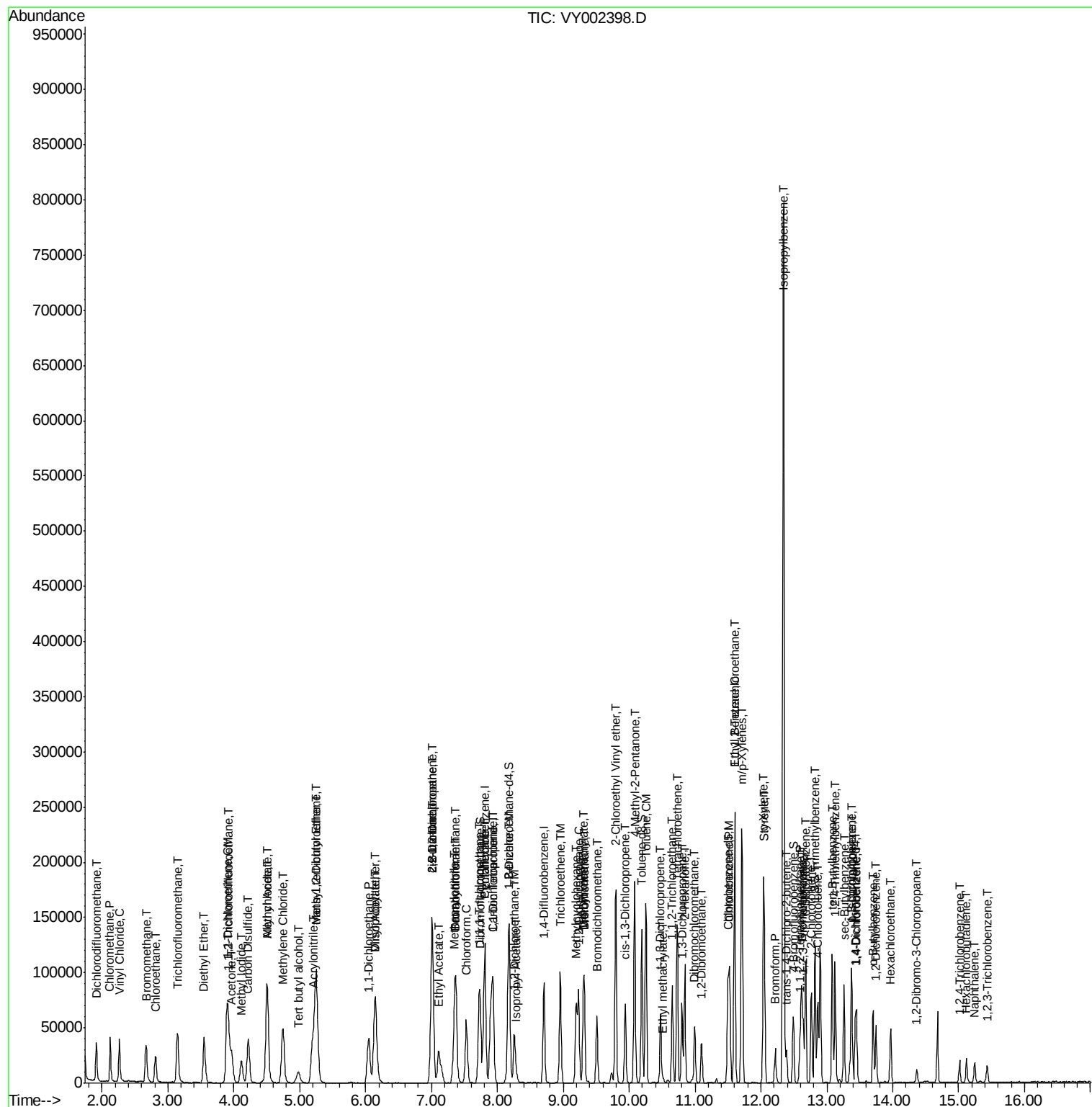
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
Data File : VY002398.D
Acq On : 17 Apr 2020 14:50
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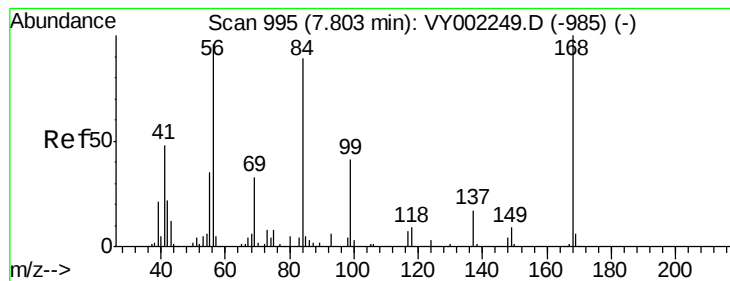
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampled :

BG-4MSD

Tot Ion:168 Resp: 49481

Ion Ratio Lower Upper

168 100

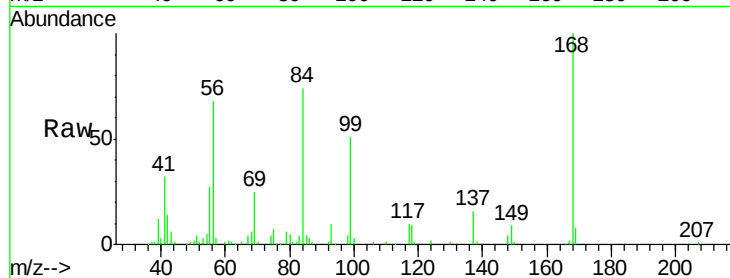
99 51.4 48.0 72.0

Manual Integrations

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4/20/2020 11:41:16 AM



Abundance Ion 167.90 (167.60 to 168.60): VY002398.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY002398.D (-946) (-)

7.81

25000

20000

15000

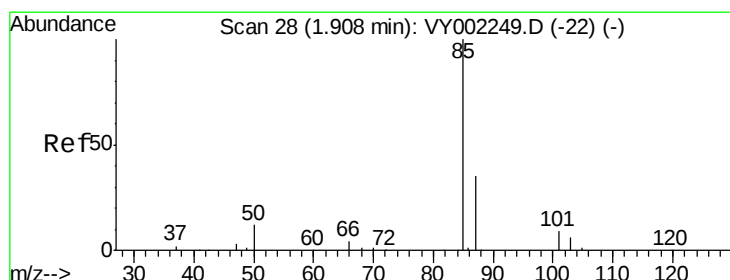
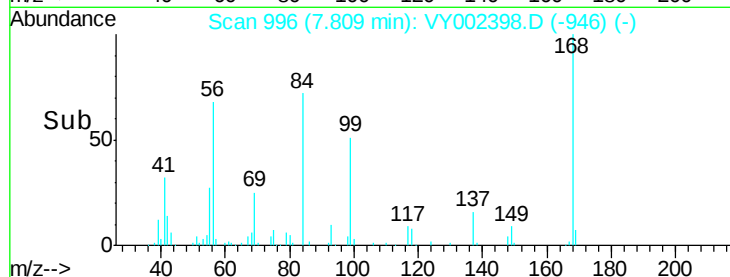
10000

5000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 55.591 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002398.D

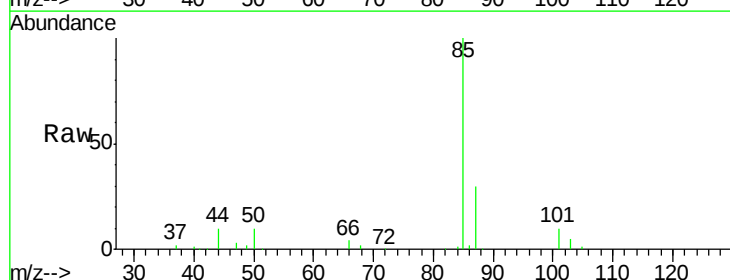
Acq: 17 Apr 2020 14:50

Tgt Ion: 85 Resp: 27800

Ion Ratio Lower Upper

85 100

87 29.9 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002398.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002398.D (-1) (-)

1.91

20000

15000

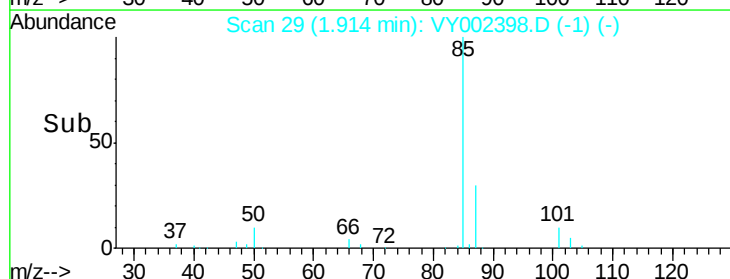
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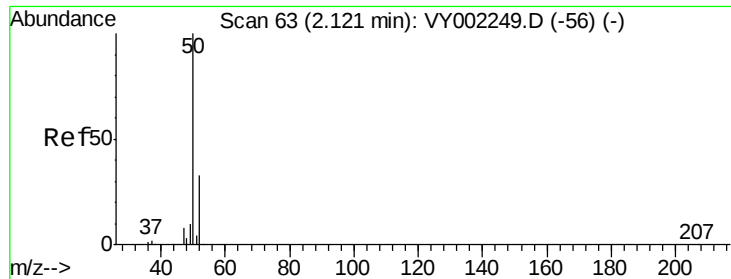
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 57.717 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

BG-4MSD

Tot Ion: 50 Resp: 36326

Ion Ratio Lower Upper

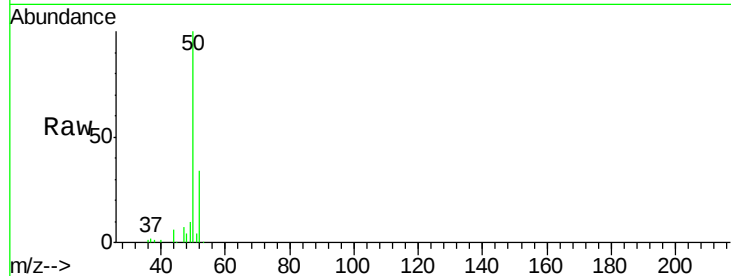
50 100

52 33.9 26.6 39.8

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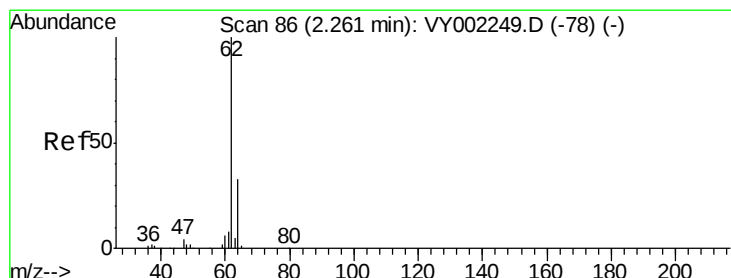
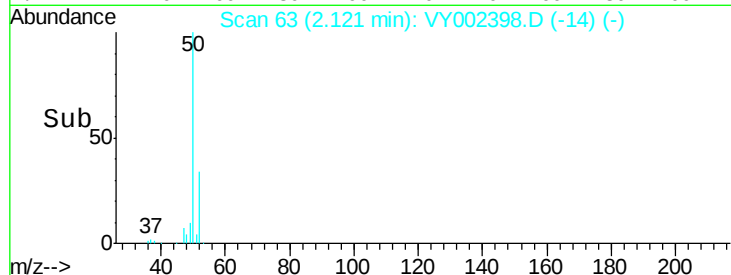
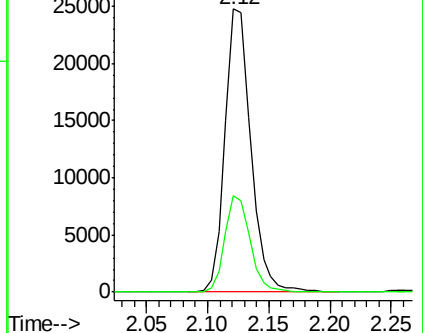
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 55.946 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002398.D

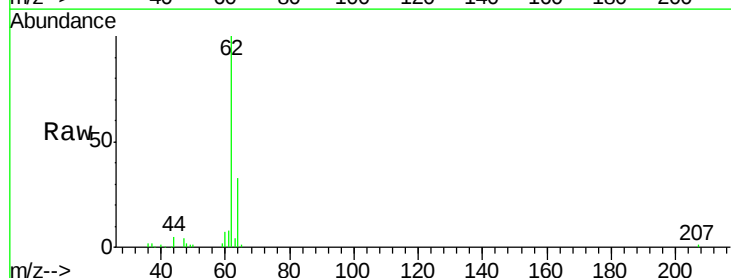
Acq: 17 Apr 2020 14:50

Tgt Ion: 62 Resp: 37479

Ion Ratio Lower Upper

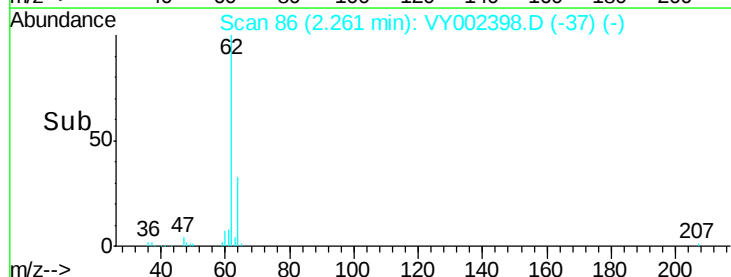
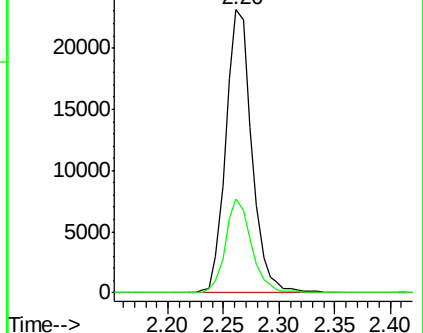
62 100

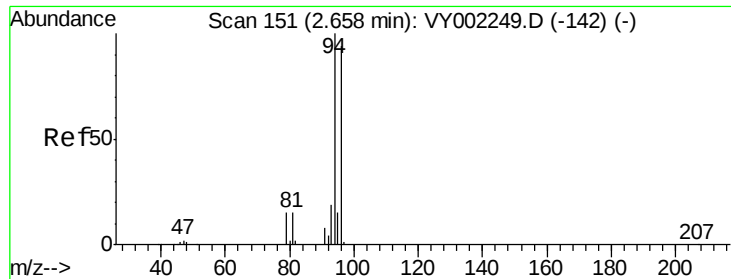
64 33.3 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 60.427 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

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ClientSampleId :

BG-4MSD

Tot Ion: 94 Resp: 24998

Ion Ratio Lower Upper

94 100

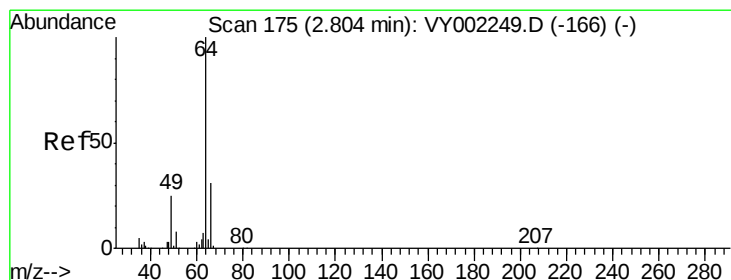
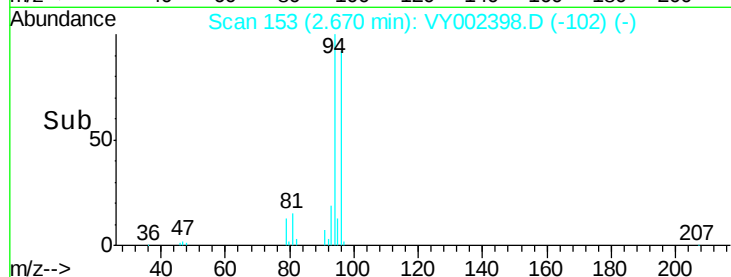
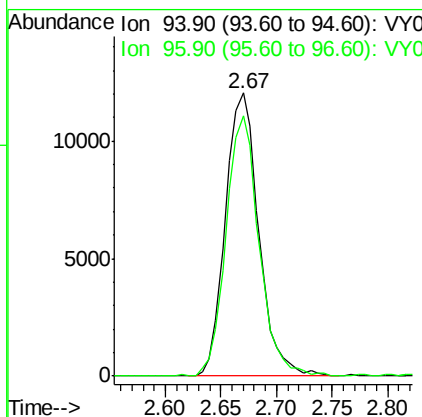
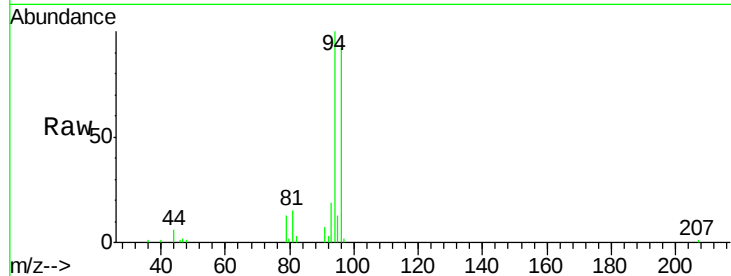
96 92.0 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 61.108 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002398.D

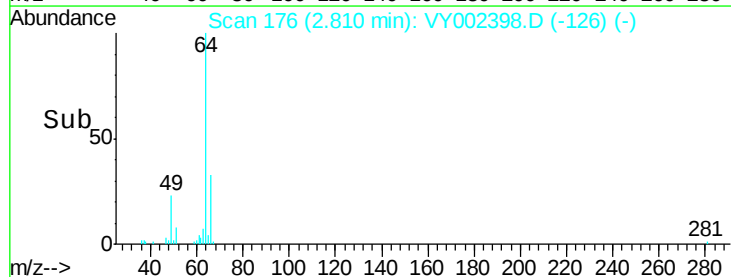
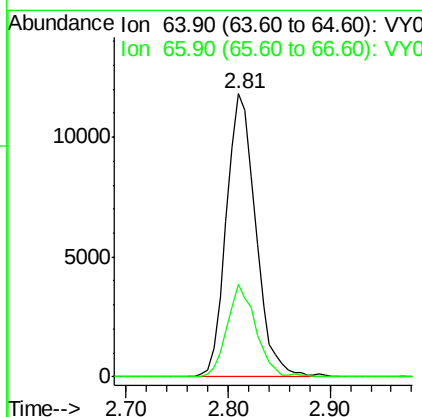
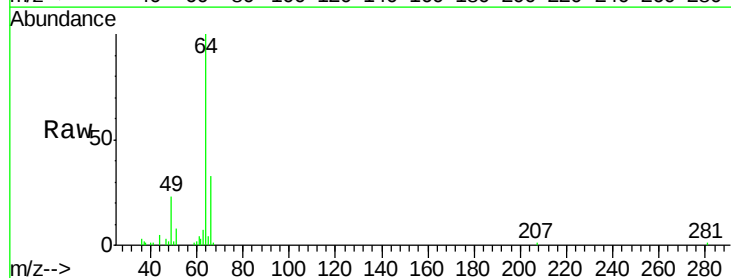
Acq: 17 Apr 2020 14:50

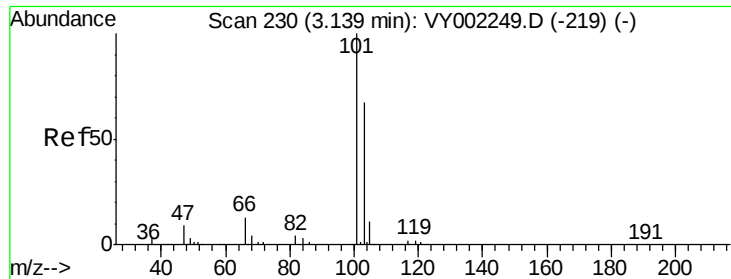
Tgt Ion: 64 Resp: 23609

Ion Ratio Lower Upper

64 100

66 32.6 24.6 37.0





#7

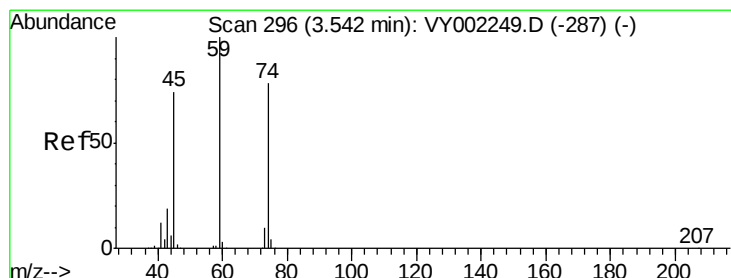
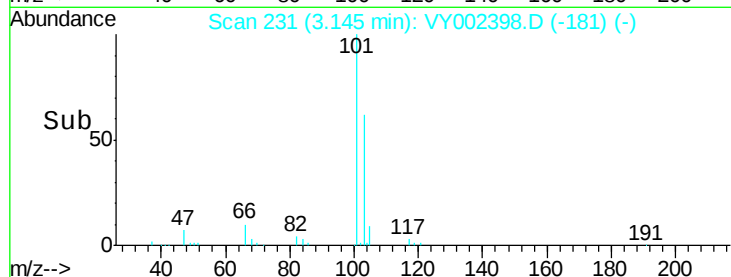
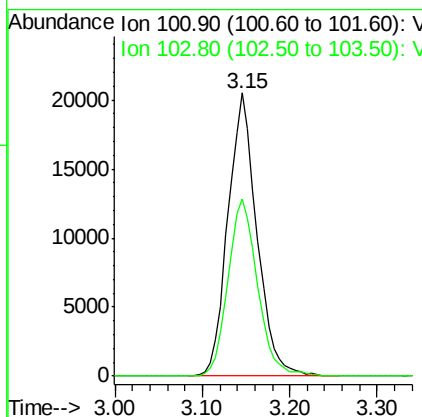
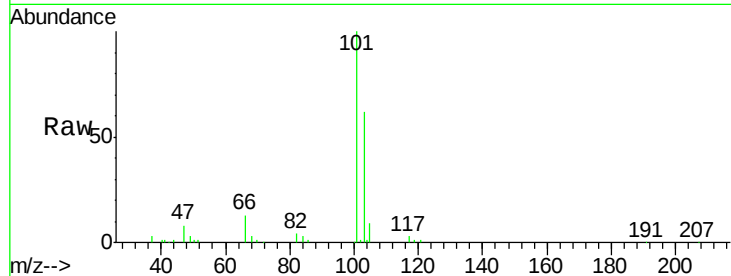
Trichlorofluoromethane
Concen: 54.489 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002398.D
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	53.3	79.9

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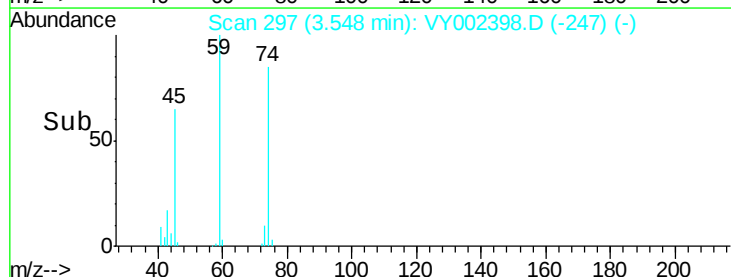
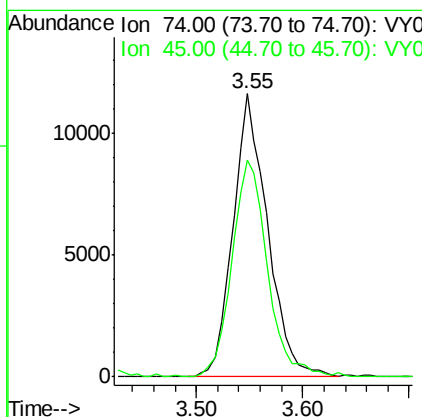
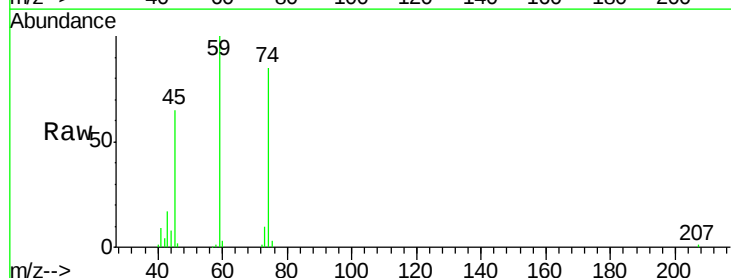
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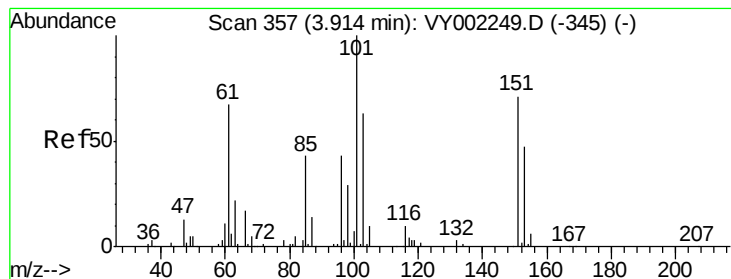


#8

Diethyl Ether
Concen: 71.753 ug/l
RT: 3.55 min Scan# 297
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.1	48.0	144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.879 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

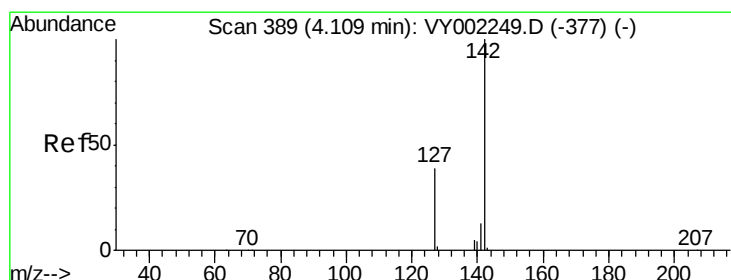
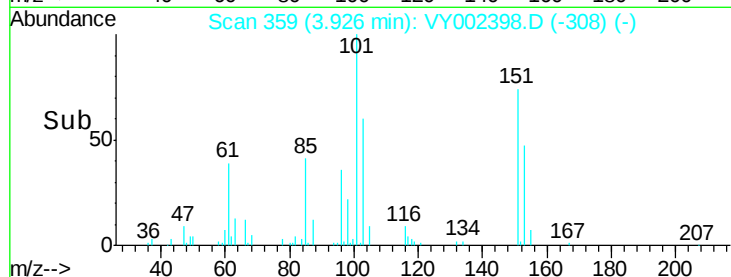
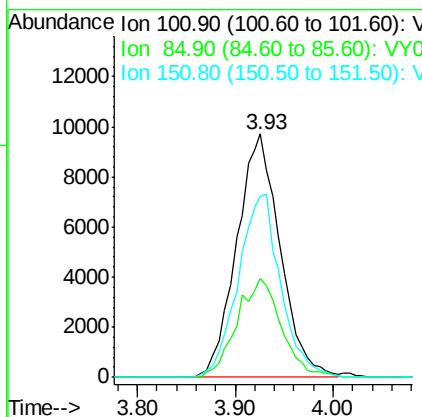
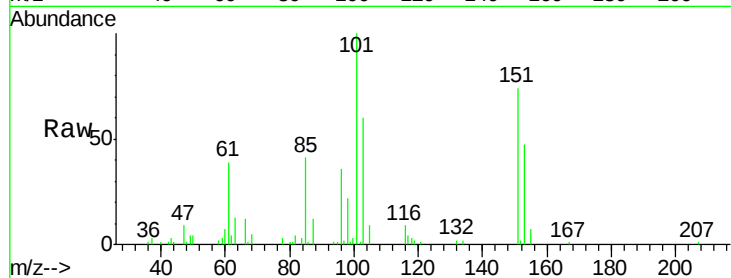
ClientSampleId :

BG-4MSD

Tot Ion:	101	Resp:	29900
Ion Ratio	Lower	Upper	
101	100		
85	41.6	34.6	52.0
151	73.6	57.6	86.4

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#10

Methyl Iodide

Concen: 52.446 ug/l

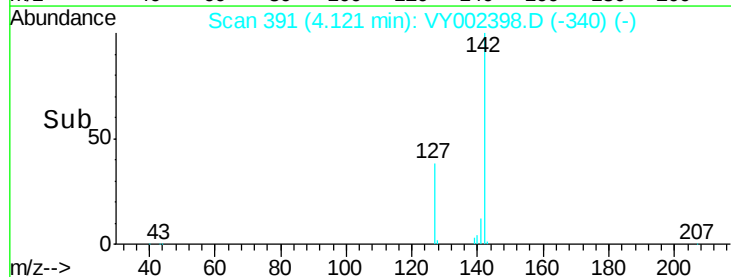
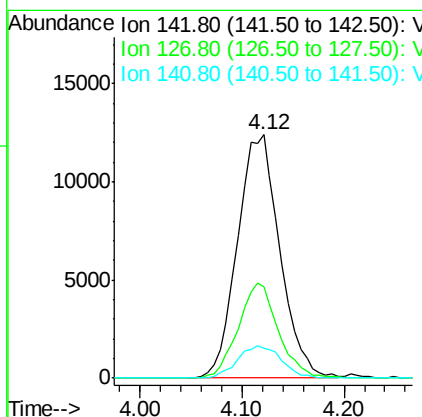
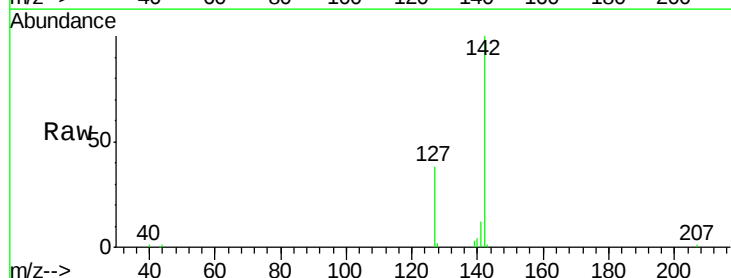
RT: 4.12 min Scan# 391

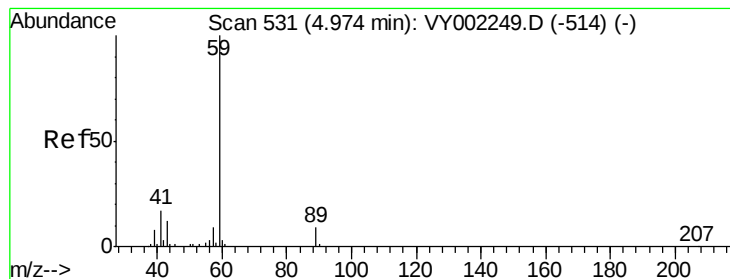
Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Tgt Ion:	142	Resp:	35826
Ion Ratio	Lower	Upper	
142	100		
127	36.8	32.4	48.6
141	13.6	11.2	16.8





#11

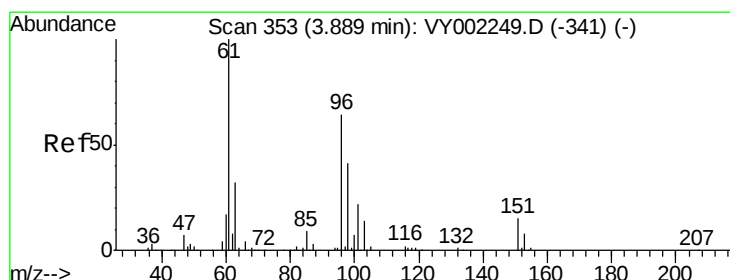
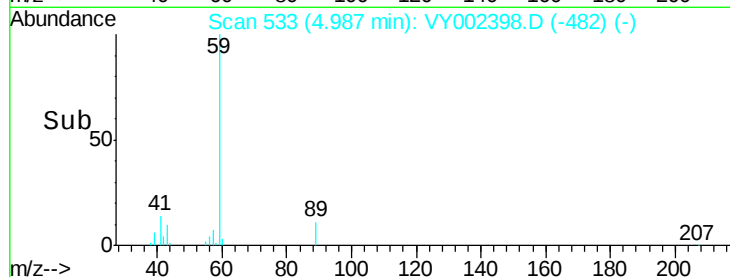
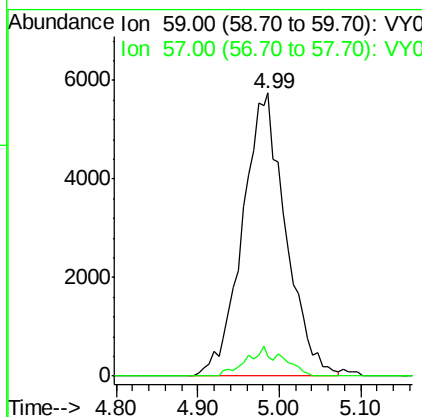
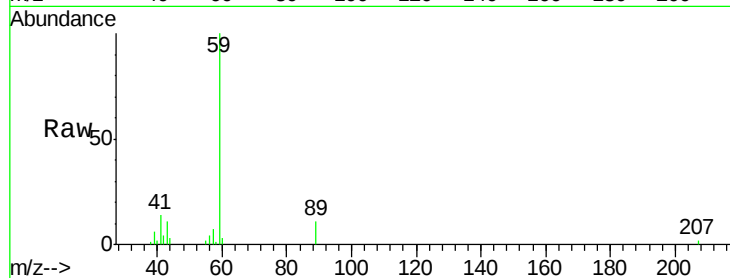
Tert butyl alcohol
Concen: 377.994 ug/l
RT: 4.99 min Scan# 533
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
59	100	21152		
57	5.8	6.6	9.8#	

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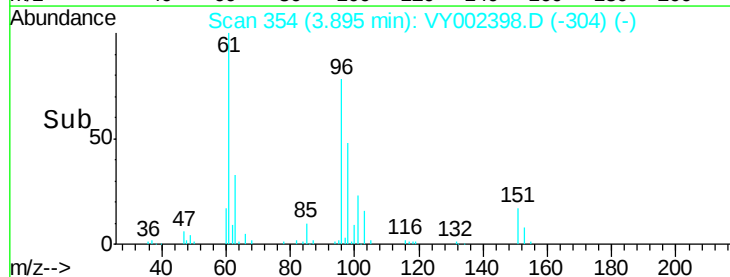
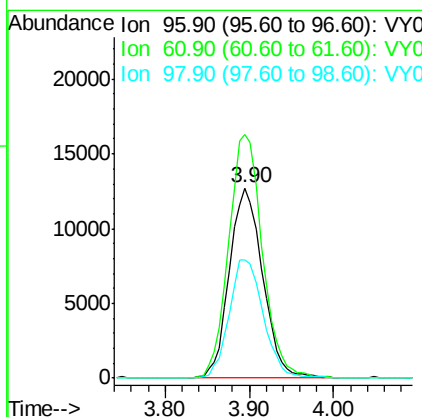
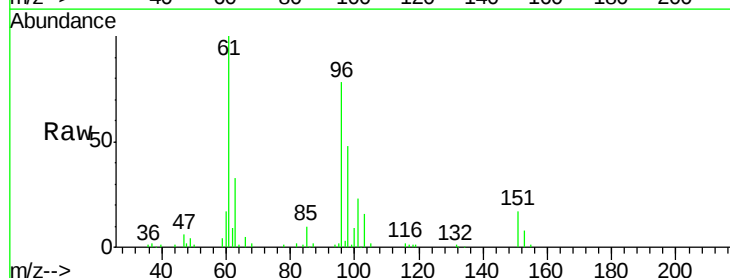
MMDadoda
4/20/2020 11:41:16 AM

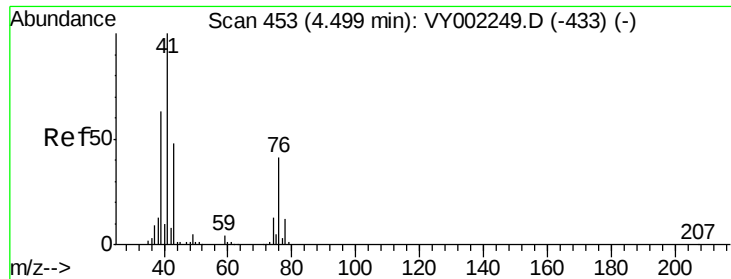


#12

1,1-Dichloroethene
Concen: 57.046 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	34083		
61	128.2	125.9	188.9	
98	62.1	51.1	76.7	





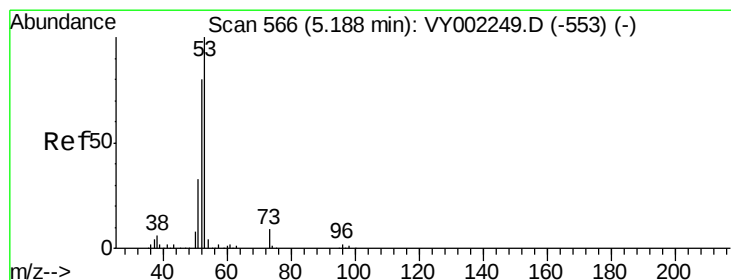
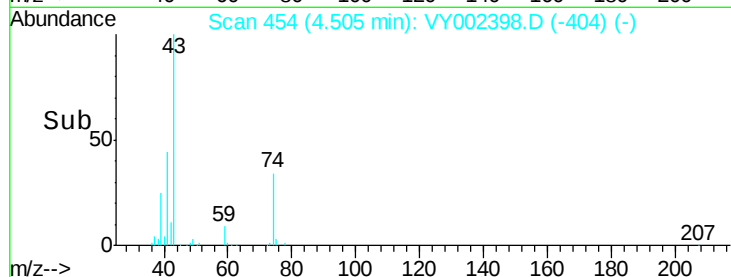
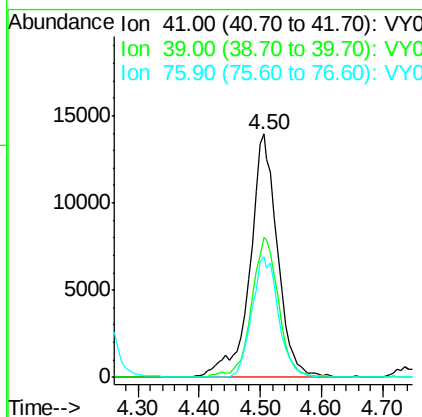
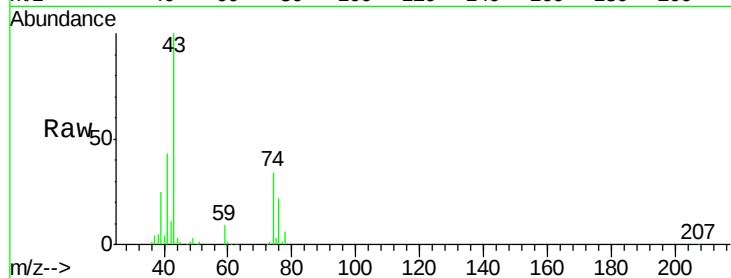
#14
Allvl chloride
Concen: 45.717 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.2	48.0	72.0
76	47.5	31.0	46.6

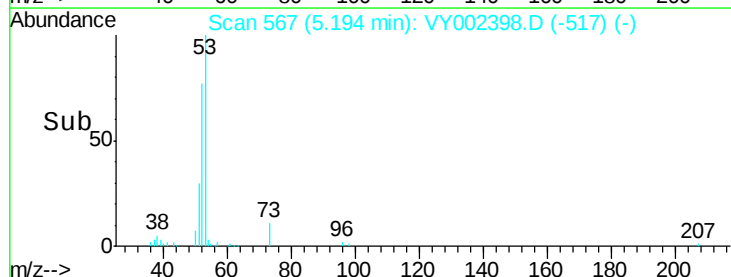
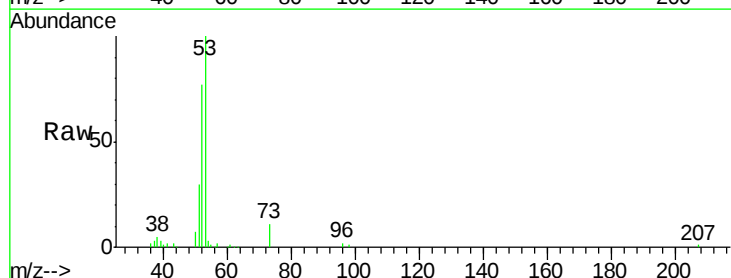
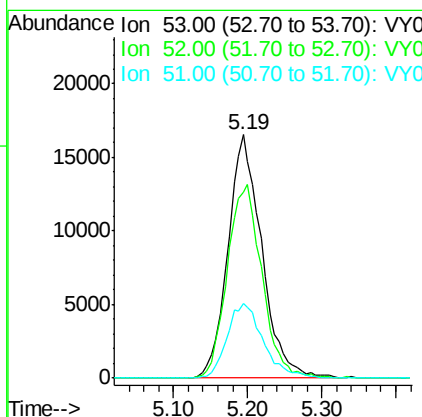
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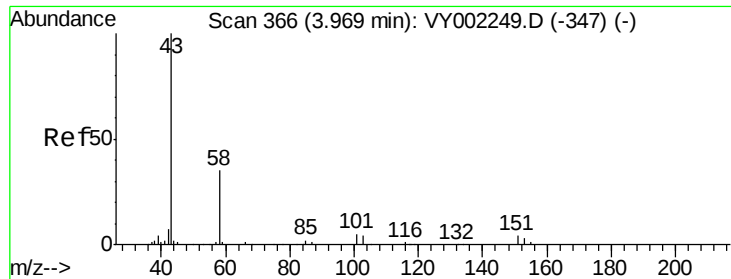
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#15
Acrylonitrile
Concen: 278.582 ug/l
RT: 5.19 min Scan# 567
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.1	97.7
51	32.9	27.1	40.7





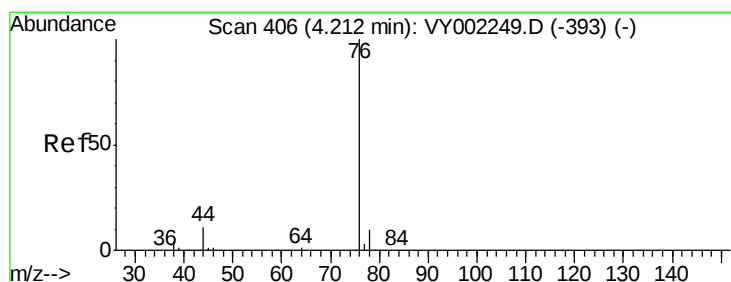
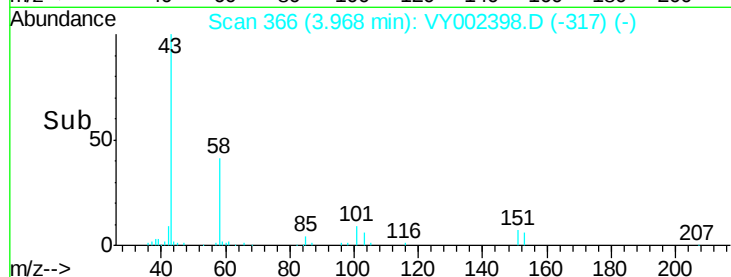
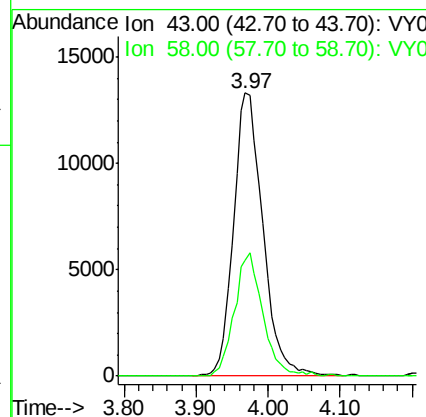
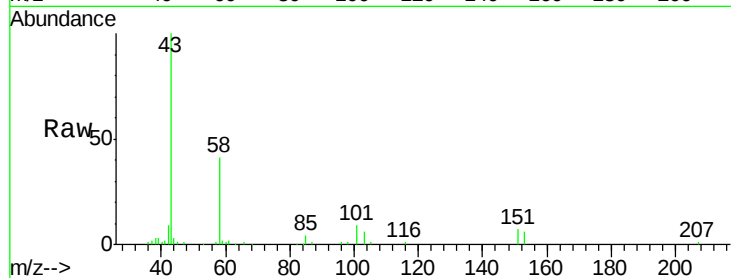
#16
Acetone
Concen: 261.050 ug/l
RT: 3.97 min Scan# 366
Delta R.T. -0.00 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion: 43 Resp: 37834
Ion Ratio Lower Upper
43 100
58 40.9 28.5 42.7

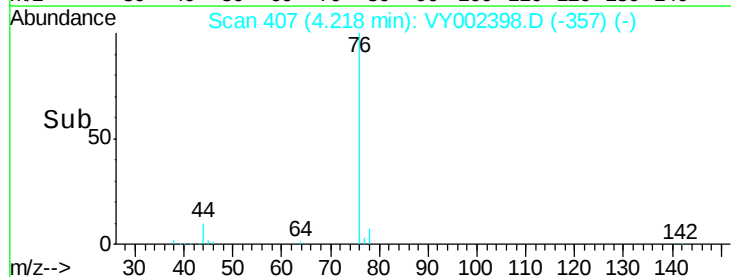
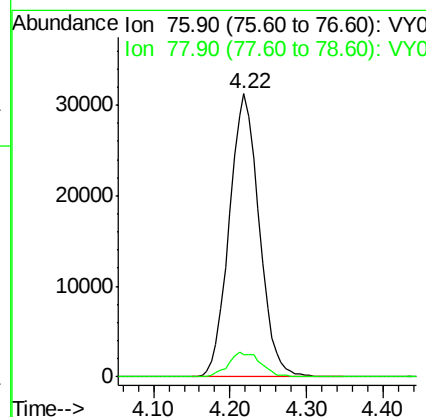
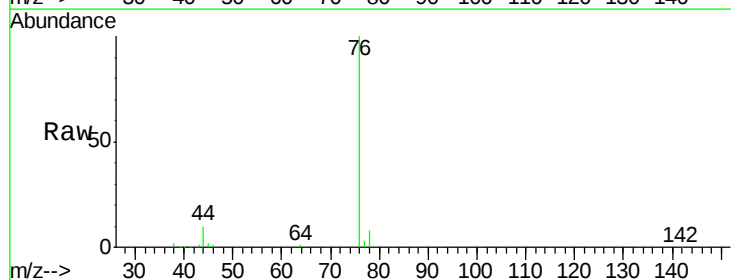
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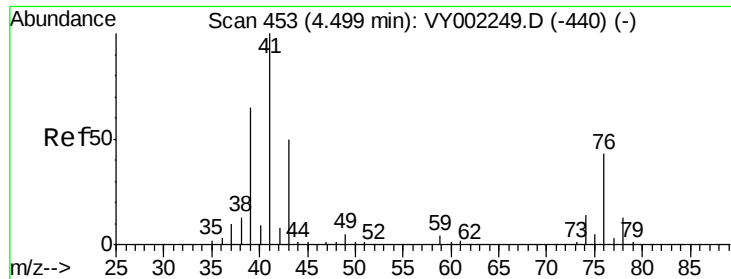
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#17
Carbon Disulfide
Concen: 42.674 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion: 76 Resp: 84675
Ion Ratio Lower Upper
76 100
78 7.8 7.7 11.5





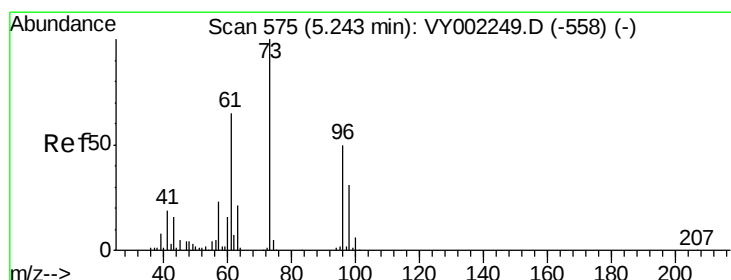
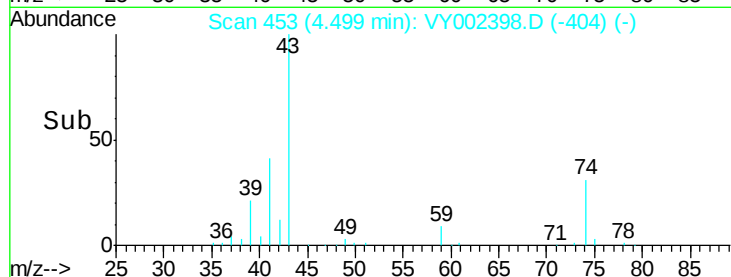
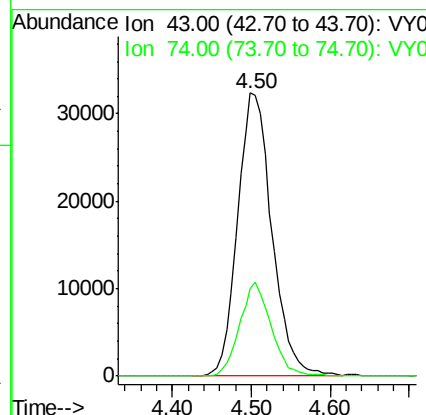
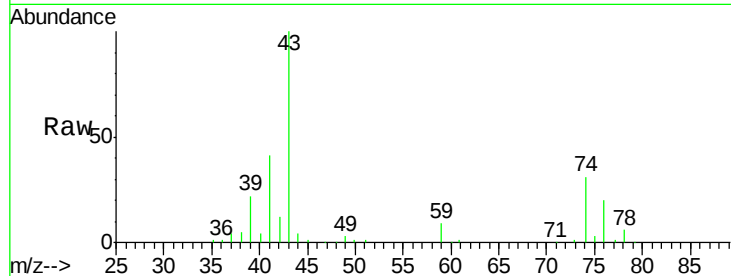
#18
Methyl Acetate
Concen: 218.028 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.00 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion: 43 Resp: 98013
Ion Ratio Lower Upper
43 100
74 30.3 20.3 30.5

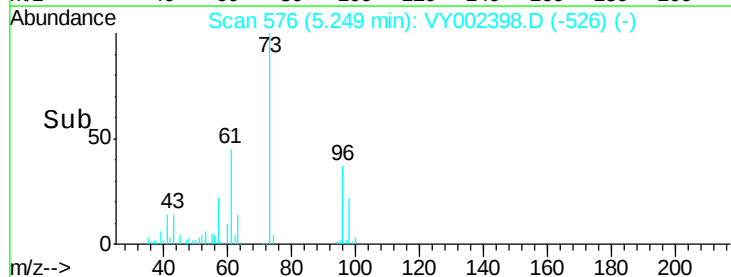
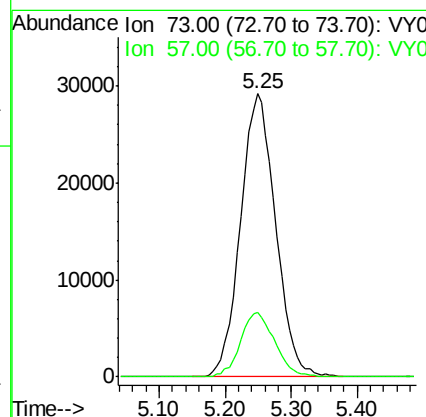
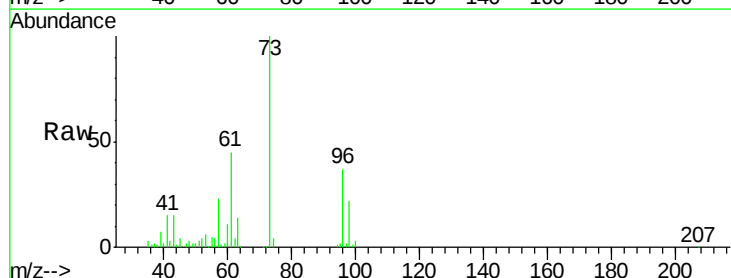
Manual Integrations
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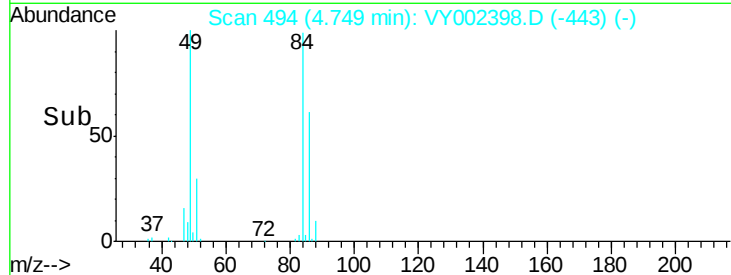
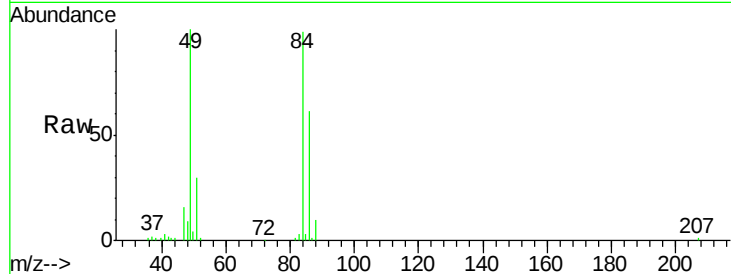
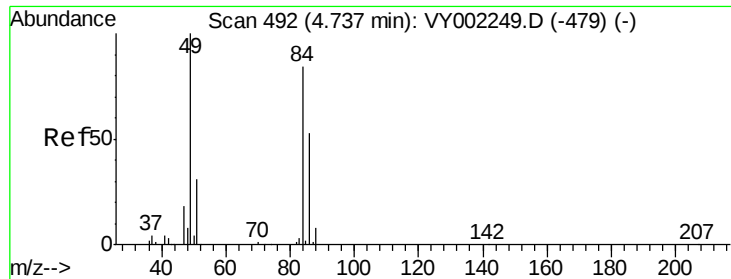
MMDadoda
4/20/2020 11:41:16 AM



#19
Methyl tert-butyl Ether
Concen: 68.427 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion: 73 Resp: 107480
Ion Ratio Lower Upper
73 100
57 22.9 18.7 28.1





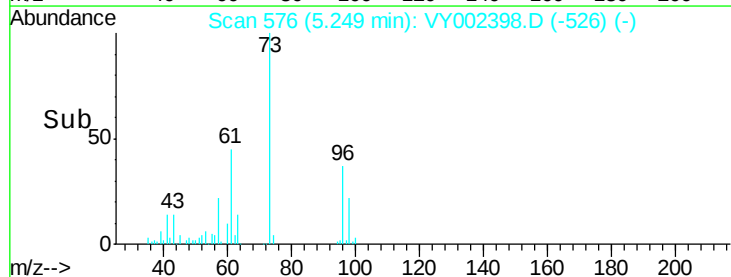
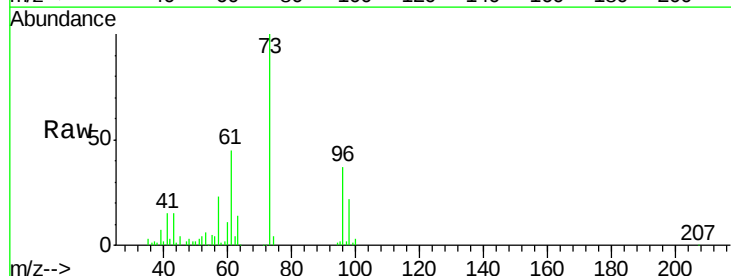
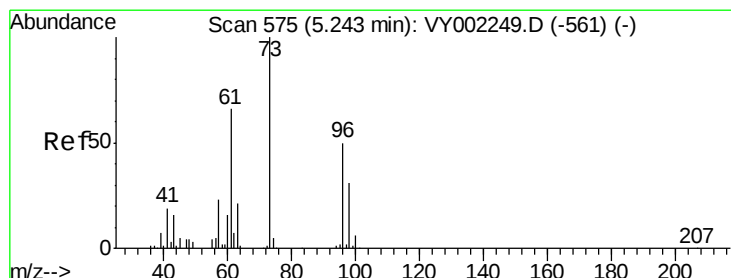
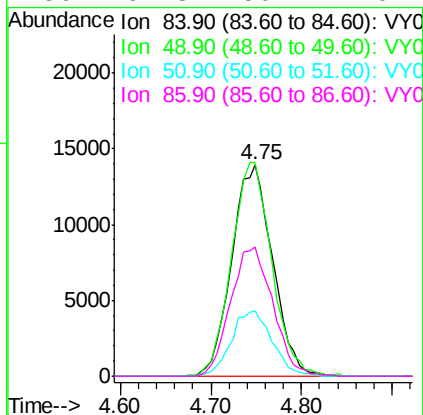
#20
Methvlene Chloride
Concen: 61.011 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tot Ion:	84	Resp:	43461
Ion	Ratio	Lower	Upper
84	100		
49	100.0	95.5	143.3
51	30.6	29.5	44.3
86	61.3	50.7	76.1

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

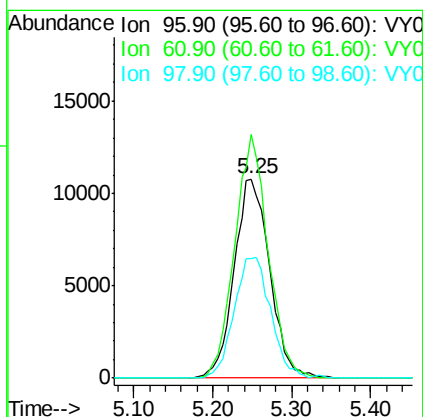
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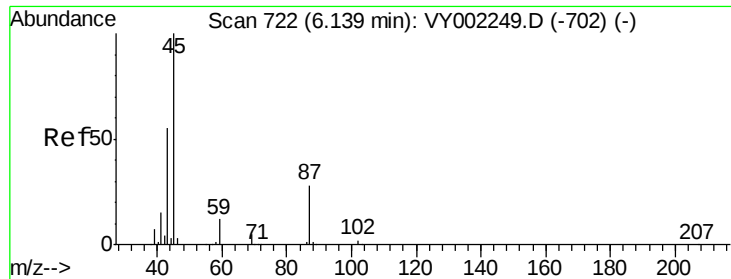
MMDadoda
4/20/2020 11:41:16 AM



#21
trans-1,2-Dichloroethene
Concen: 50.409 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion:	96	Resp:	33806
Ion	Ratio	Lower	Upper
96	100		
61	122.4	104.6	157.0
98	60.3	50.1	75.1





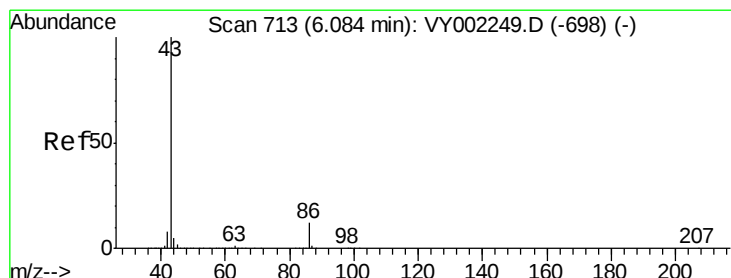
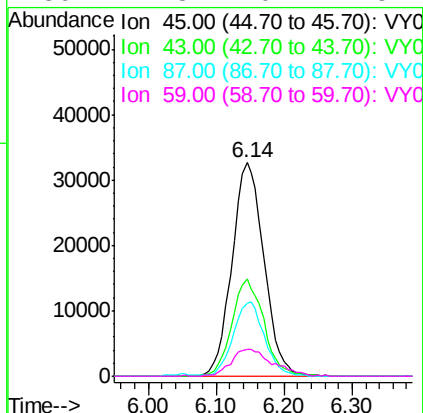
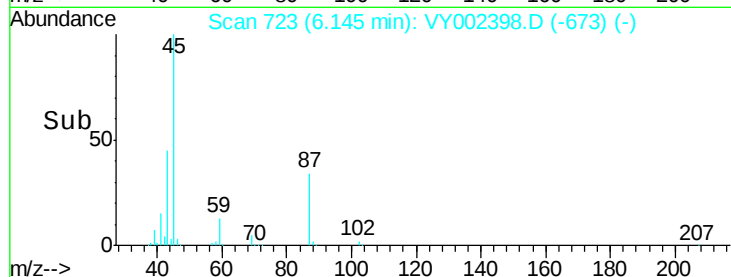
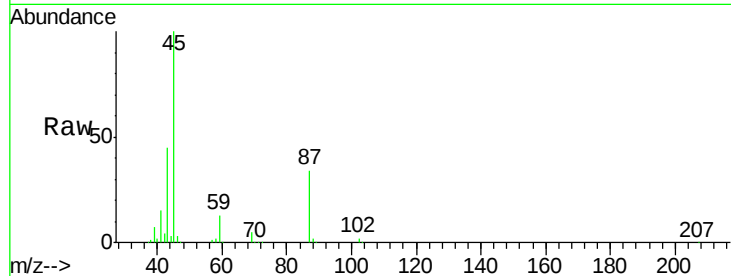
#22
Diisopropyl ether
Concen: 54.822 ug/l
RT: 6.14 min Scan# 723
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
45	100		106445		
43	45.4	44.7	67.1		
87	34.1	23.0	34.4		
59	12.8	10.1	15.1		

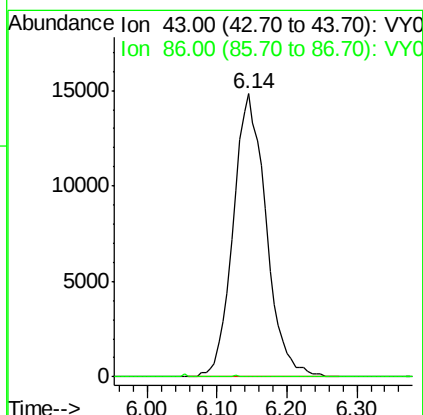
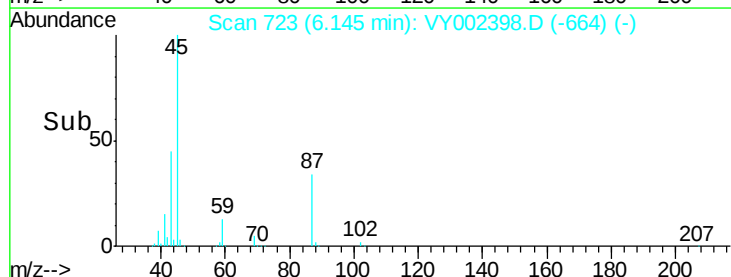
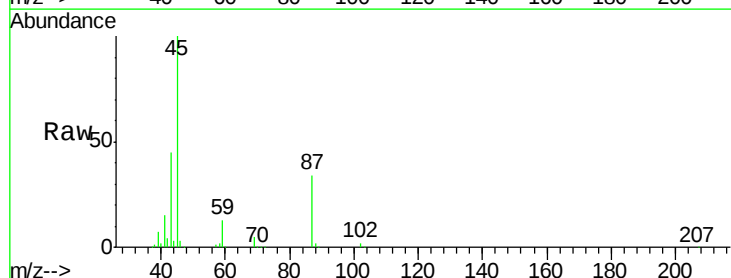
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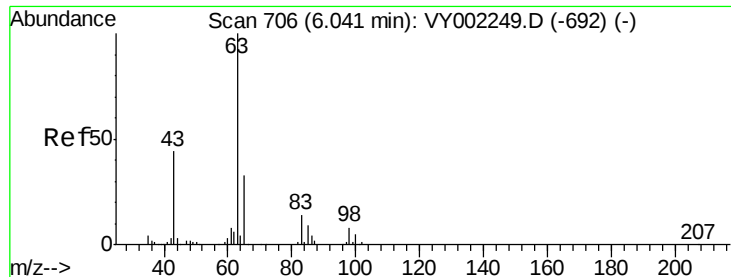
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4/20/2020 11:41:16 AM



#23
Vinyl Acetate
Concen: 39.269 ug/l
RT: 6.14 min Scan# 723
Delta R.T. 0.06 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		48588		
86	0.0	9.2	13.8#		





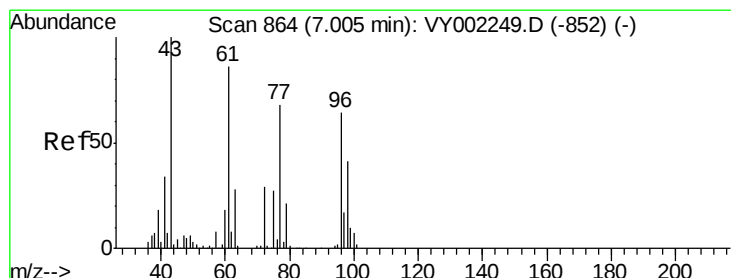
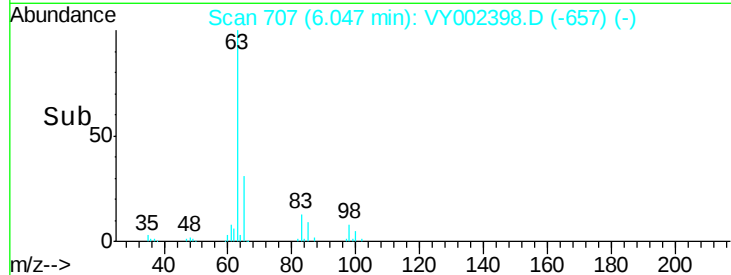
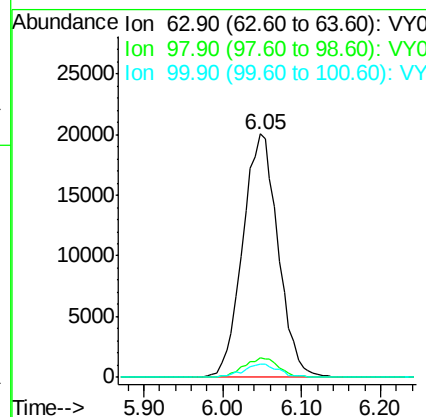
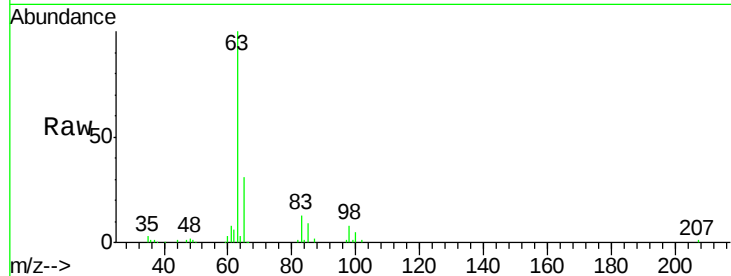
#24
 1,1-Dichloroethane
 Concen: 56.611 ug/l
 RT: 6.05 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
63	100	62520		
98	7.9		4.0	12.0
100	5.2		2.4	7.1

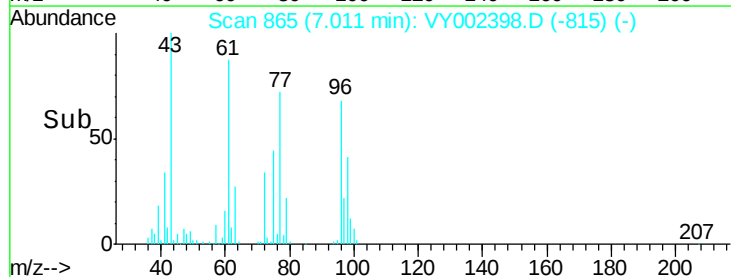
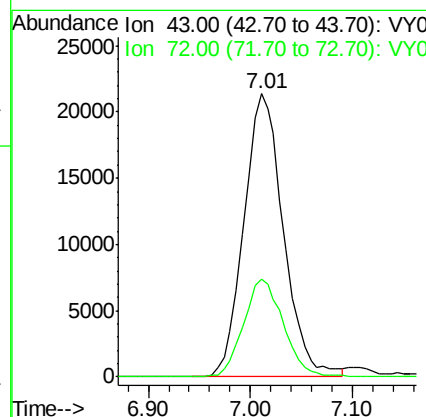
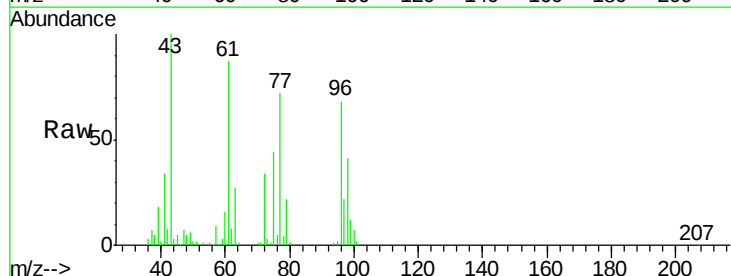
Manual Integrations
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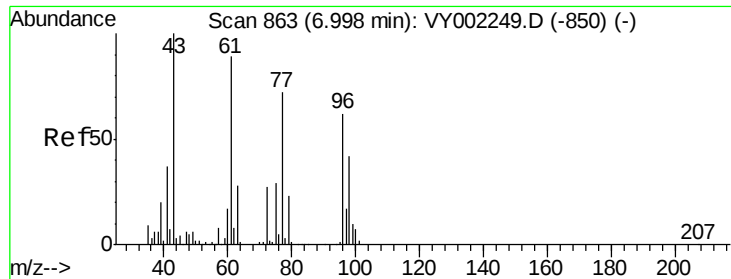
MMDadoda
 4/20/2020 11:41:16 AM



#25
 2-Butanone
 Concen: 250.991 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	57567		
72	34.5		23.2	34.8





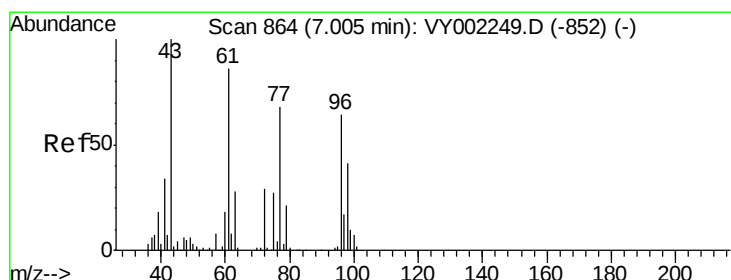
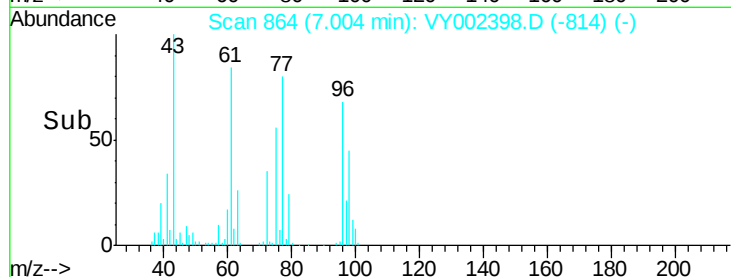
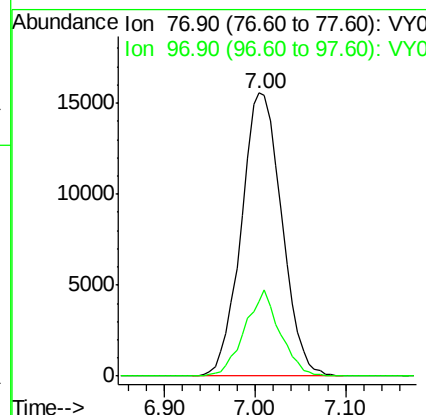
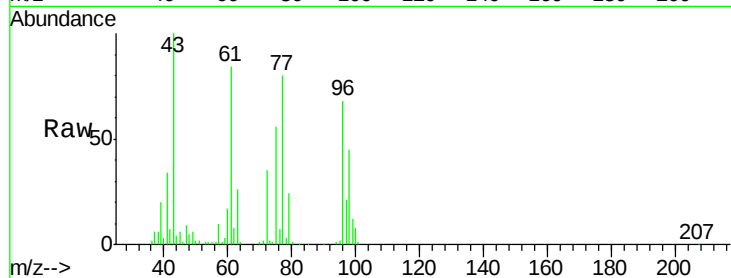
#26
 2,2-Dichloropropane
 Concen: 52.090 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion: 77 Resp: 48122
 Ion Ratio Lower Upper
 77 100
 97 26.4 12.2 36.6

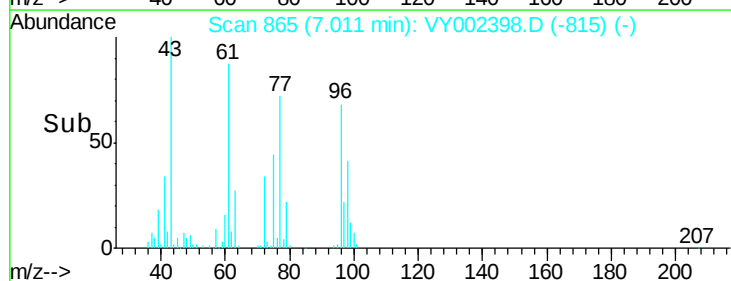
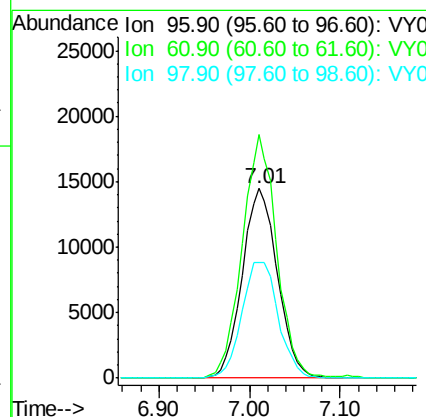
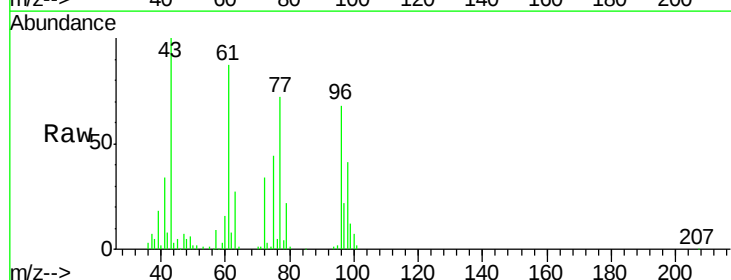
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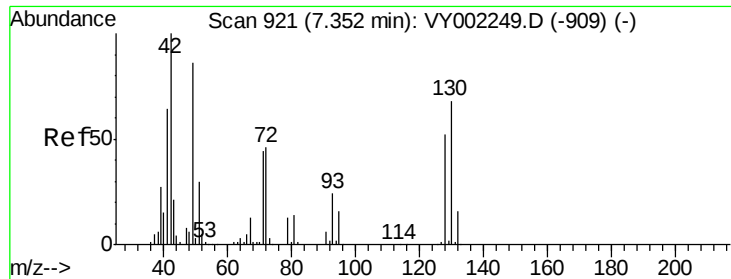
MMDadoda
 4/20/2020 11:41:16 AM



#27
 cis-1,2-Dichloroethene
 Concen: 53.317 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion: 96 Resp: 38977
 Ion Ratio Lower Upper
 96 100
 61 125.3 0.0 278.0
 98 63.2 0.0 128.6





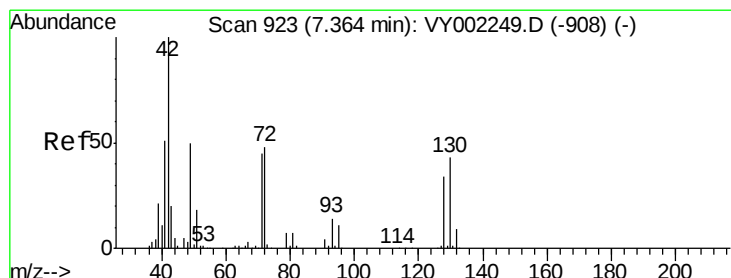
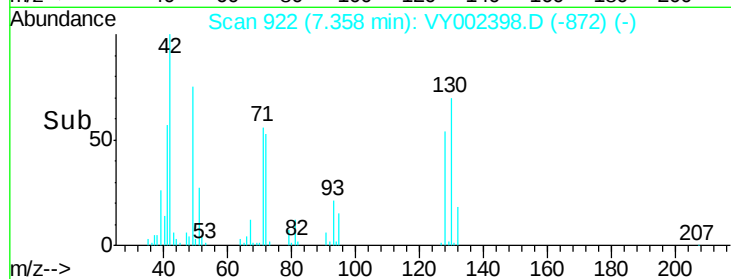
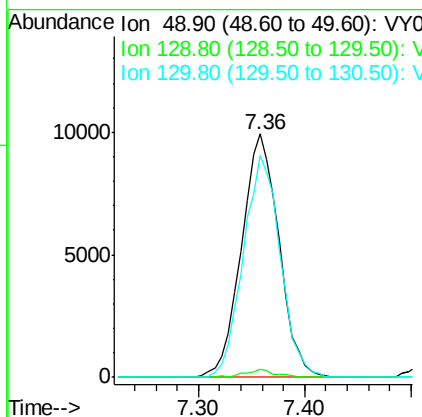
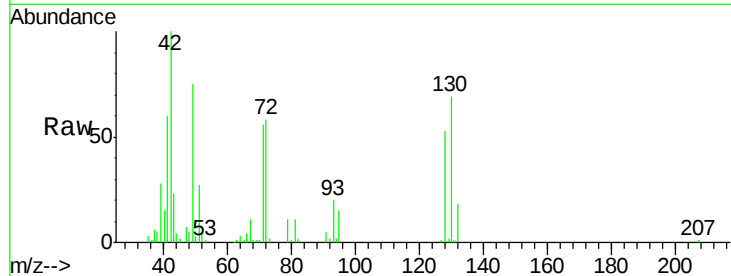
#28
Bromochloromethane
Concen: 51.464 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion: 49 Resp: 24535
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.2
130 90.0 60.9 91.3

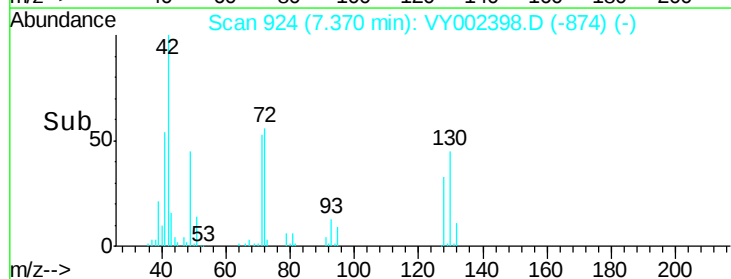
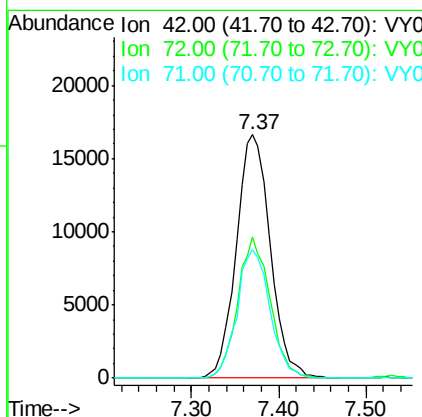
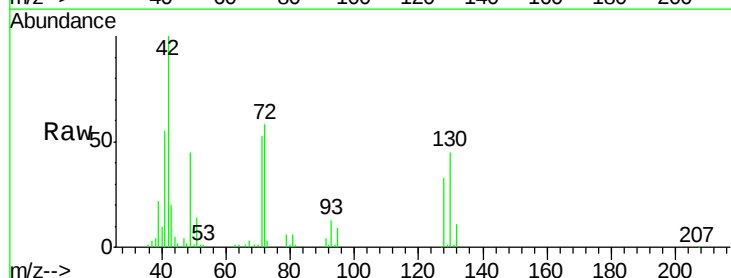
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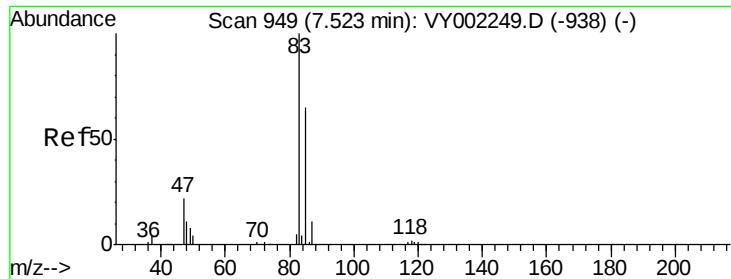
MMDadoda
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#29
Tetrahydrofuran
Concen: 296.448 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion: 42 Resp: 44945
Ion Ratio Lower Upper
42 100
72 54.9 36.7 55.1
71 51.2 34.7 52.1





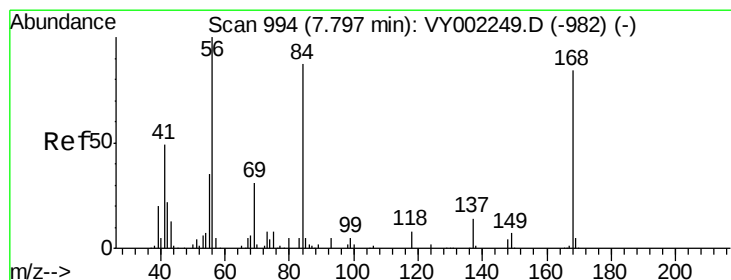
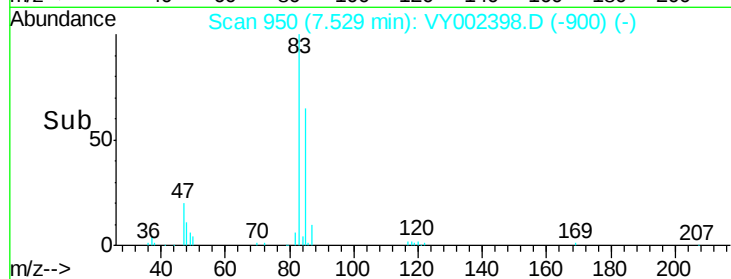
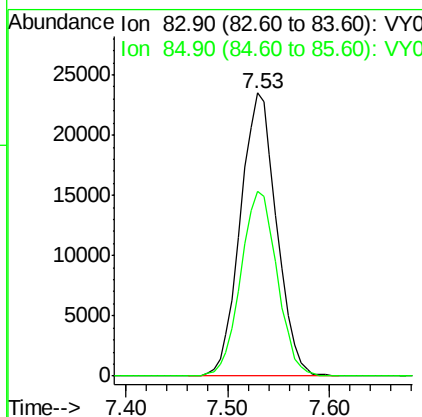
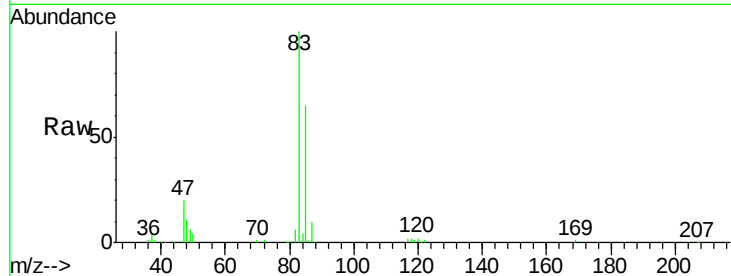
#30
Chloroform
Concen: 55.579 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampled :
BG-4MSD

Tot Ion: 83 Resp: 57860
Ion Ratio Lower Upper
83 100
85 65.3 52.0 78.0

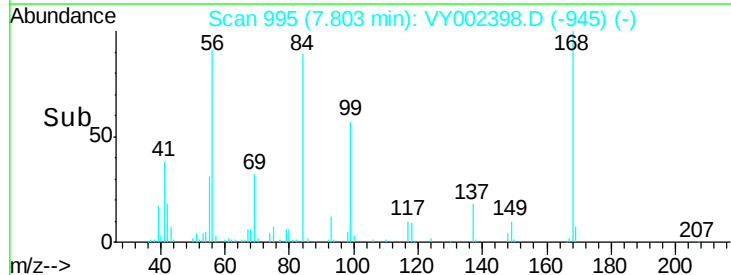
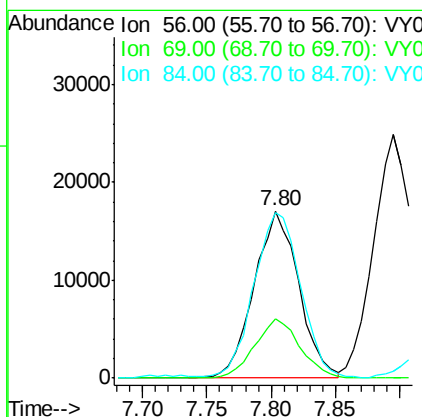
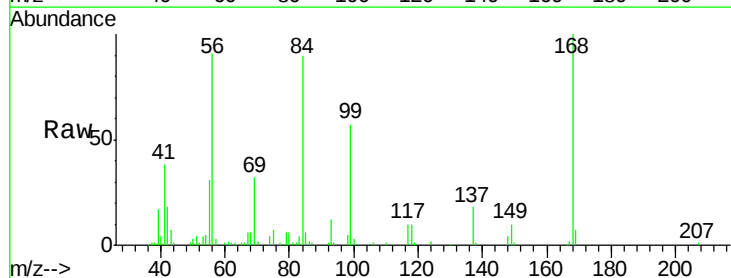
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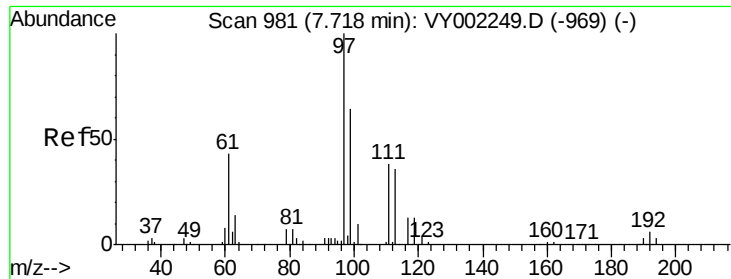
MMDadoda
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#31
Cyclohexane
Concen: 35.418 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion: 56 Resp: 41059
Ion Ratio Lower Upper
56 100
69 35.1 25.0 37.6
84 97.8 69.7 104.5





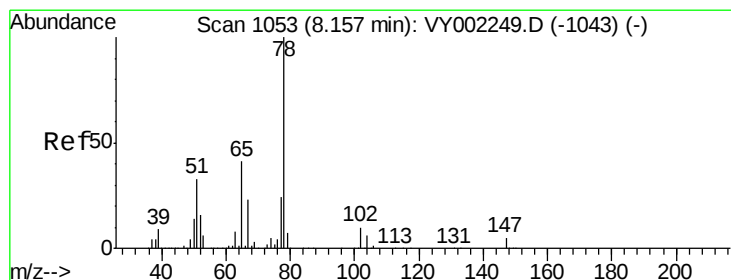
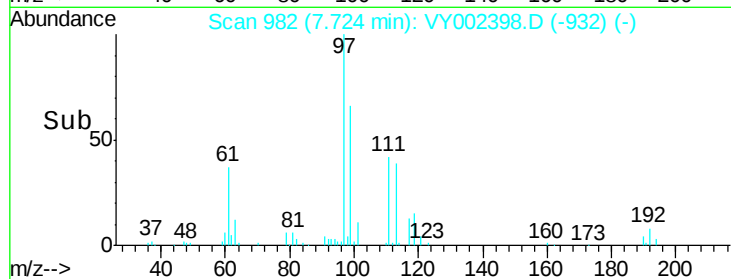
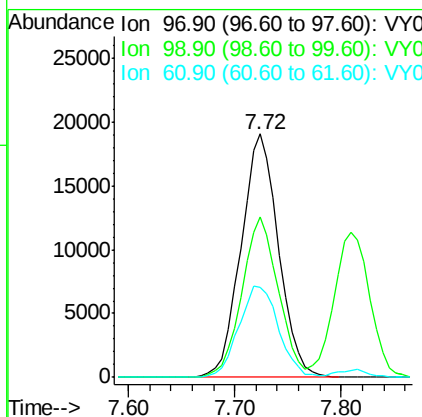
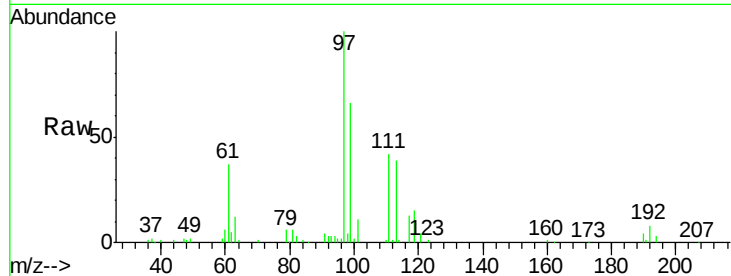
#32
 1,1,1-Trichloroethane
 Concen: 54.218 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	40.0	34.3	51.5

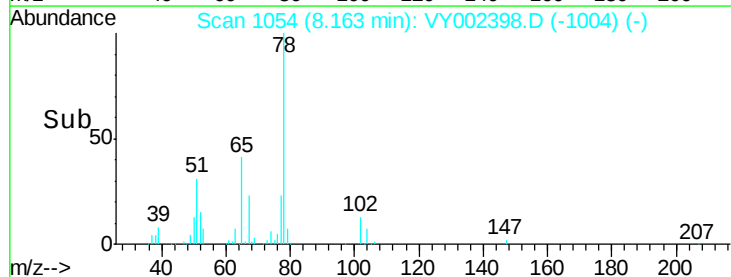
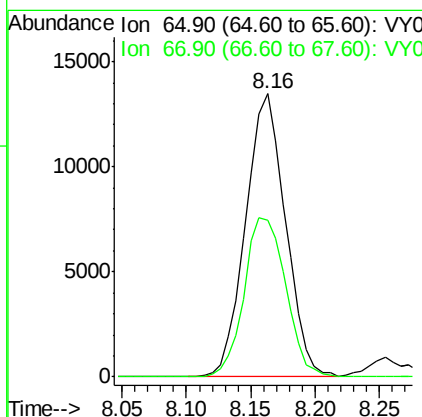
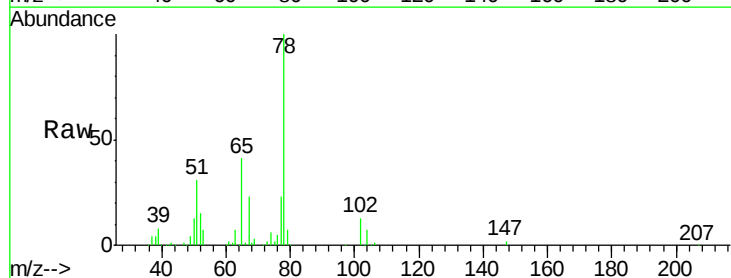
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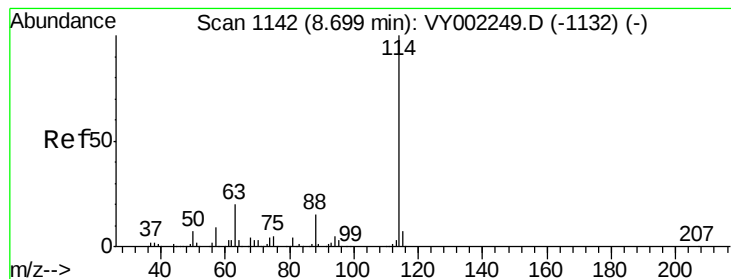
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#33
 1,2-Dichloroethane-d4
 Concen: 52.469 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
65	100		
67	58.6	0.0	114.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

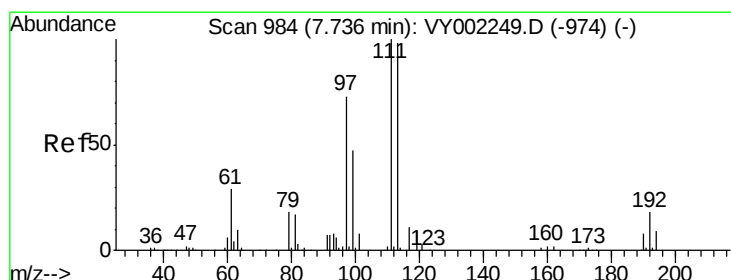
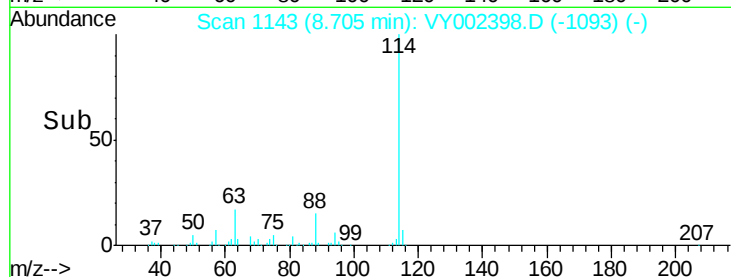
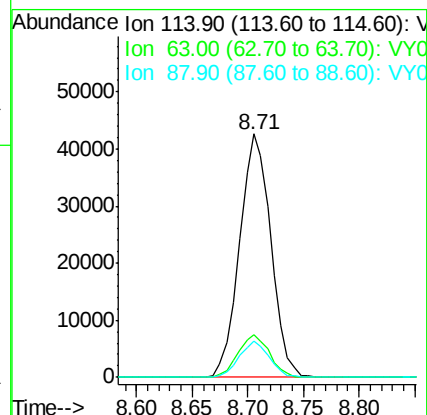
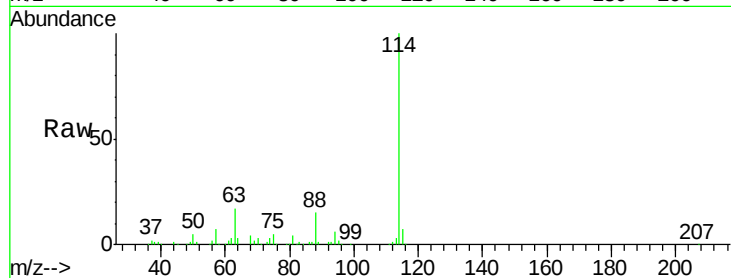
ClientSampleId :

BG-4MSD

Tot Ion:	114	Resp:	82731
Ion Ratio	Lower	Upper	
114	100		
63	17.3	0.0	39.0
88	14.7	0.0	31.0

Manual Integrations
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#35

Dibromofluoromethane

Concen: 61.792 ug/l

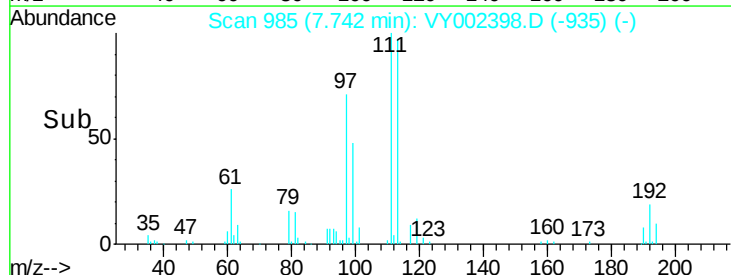
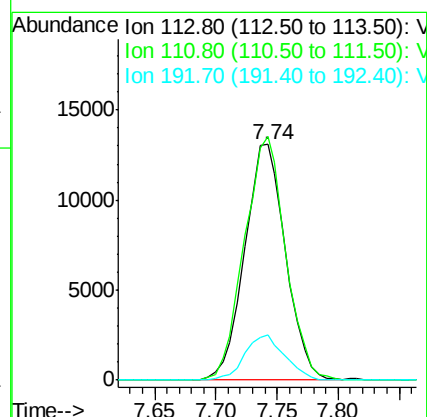
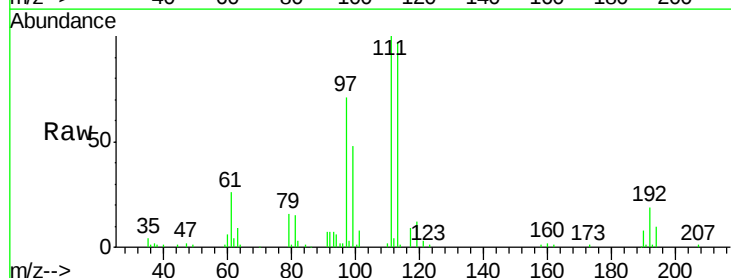
RT: 7.74 min Scan# 985

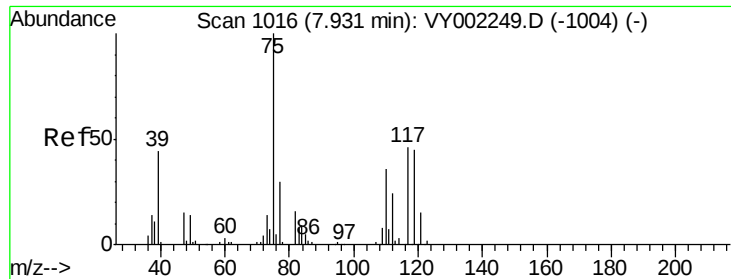
Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Tgt Ion:	113	Resp:	30419
Ion Ratio	Lower	Upper	
113	100		
111	104.0	83.5	125.3
192	18.7	14.7	22.1





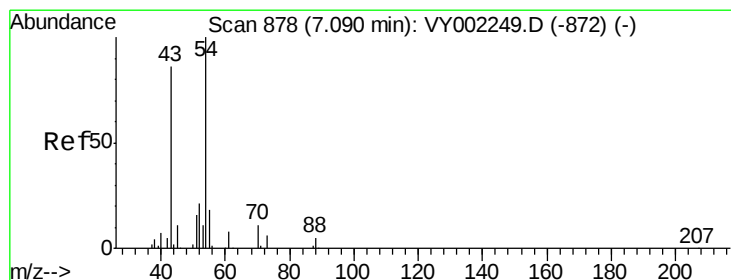
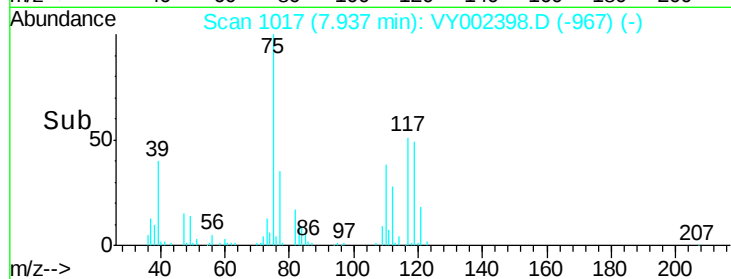
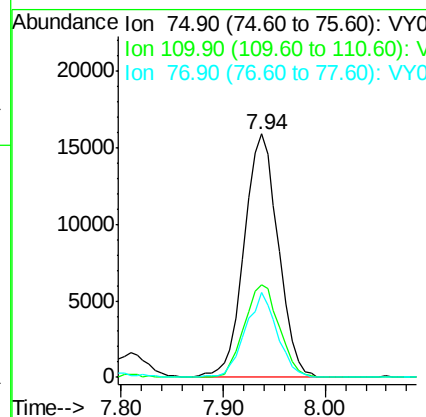
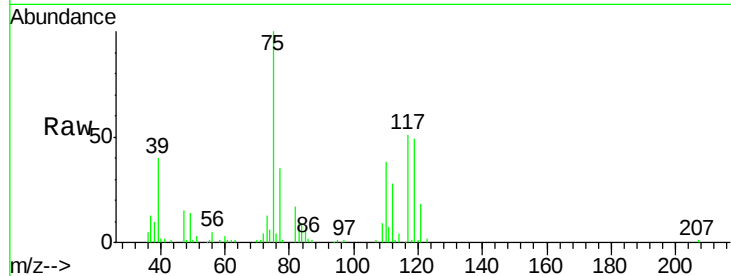
#36
 1,1-Dichloropropene
 Concen: 45.290 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.9	17.8	53.3
77	32.5	24.4	36.6

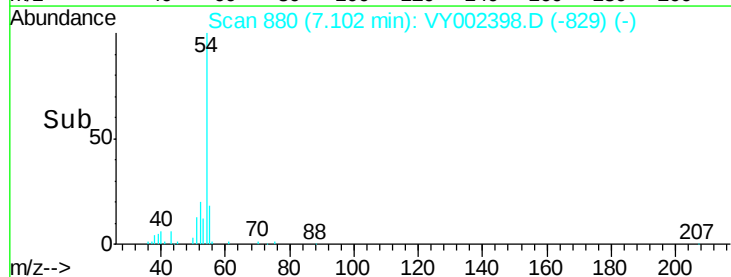
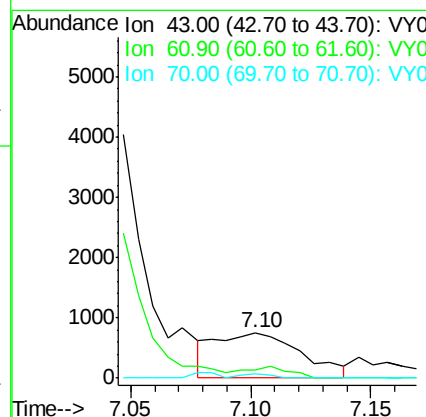
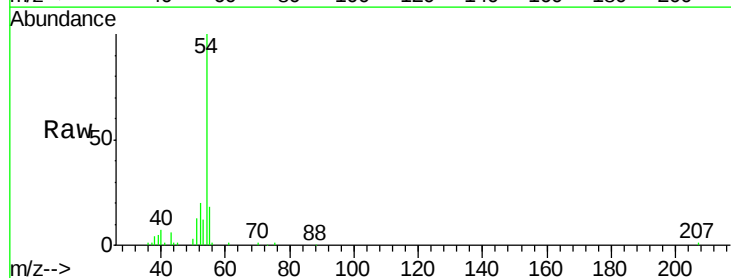
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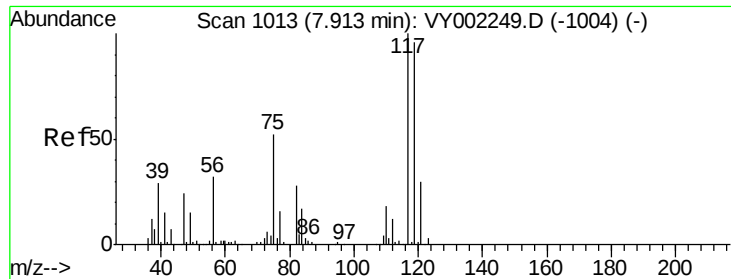
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#37
 Ethyl Acetate
 Concen: 4.017 ug/l m
 RT: 7.10 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
43	100		
61	2612.4	11.8	17.6#
70	27.8	9.1	13.7#





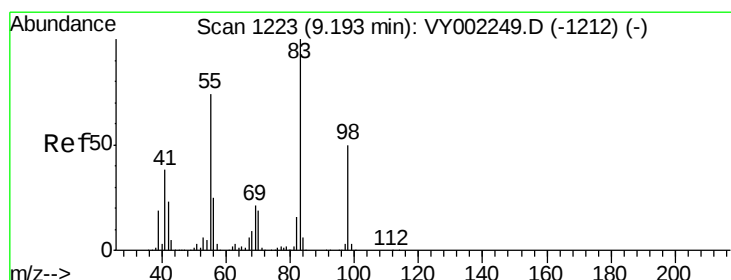
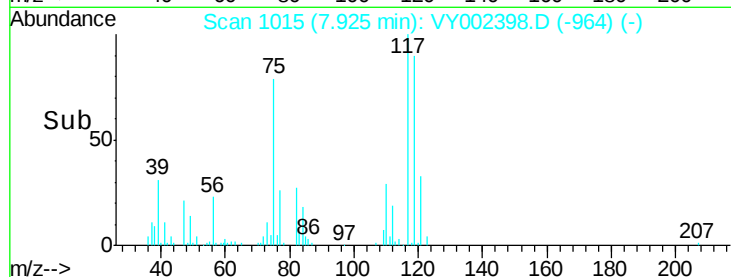
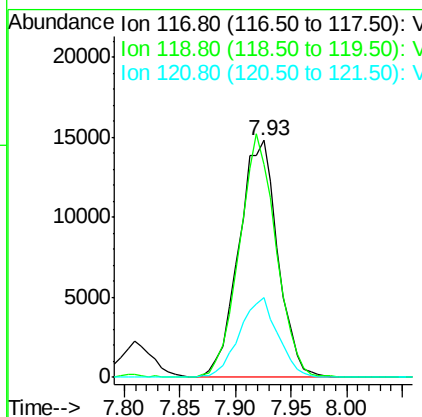
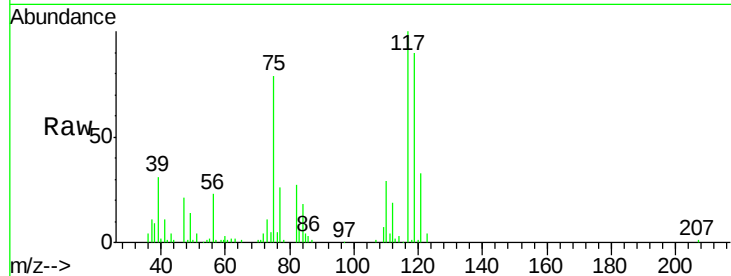
#38
Carbon Tetrachloride
Concen: 51.715 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Lower	Upper
117	100		
119	89.9	77.1	115.7
121	33.4	23.9	35.9

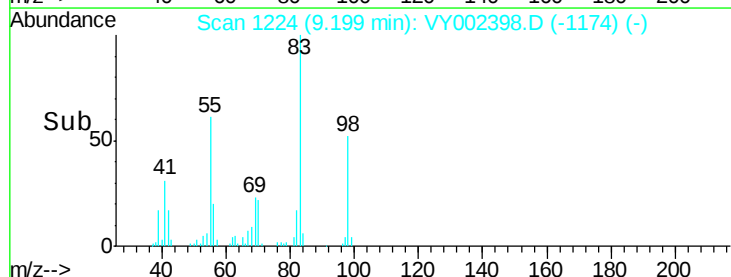
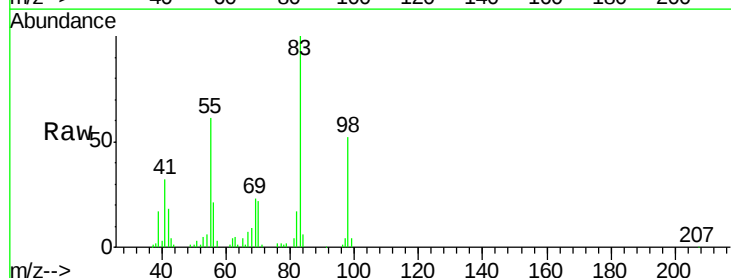
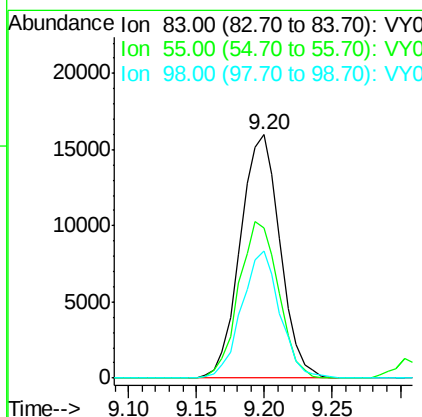
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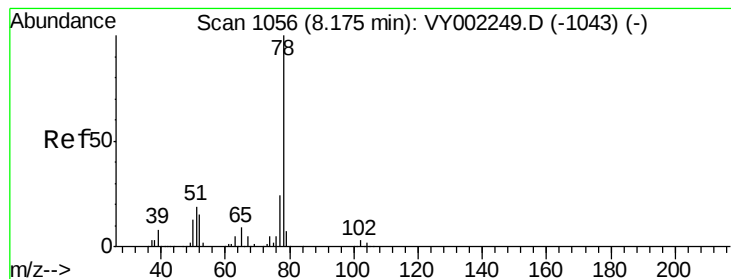
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#39
Methylcyclohexane
Concen: 29.471 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
83	100		
55	61.5	59.3	88.9
98	52.4	39.6	59.4





#40

Benzene

Concen: 55.869 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

BG-4MSD

Tot Ion: 78 Resp: 138129

Ion Ratio Lower Upper

78 100

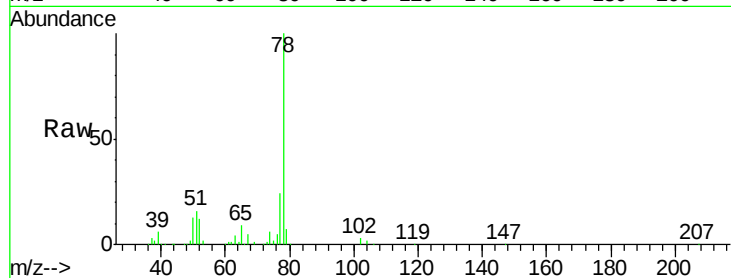
77 24.0 18.9 28.3

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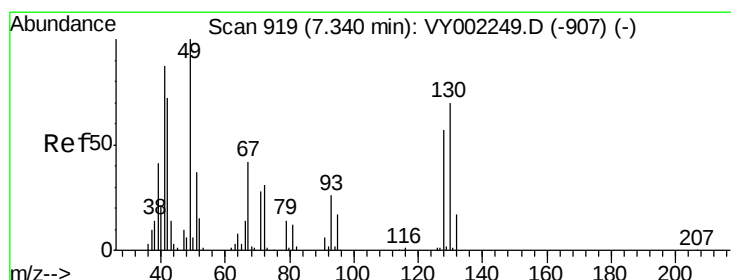
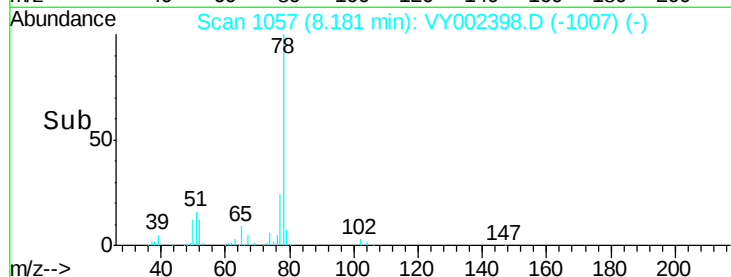
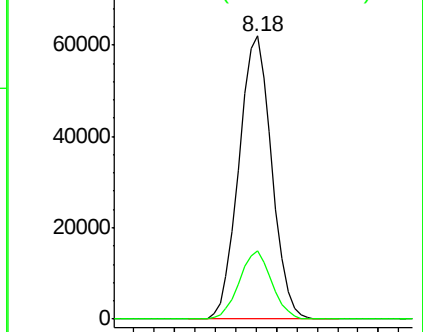
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Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#41

Methacrylonitrile

Concen: 42.877 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Tgt Ion: 41 Resp: 11775

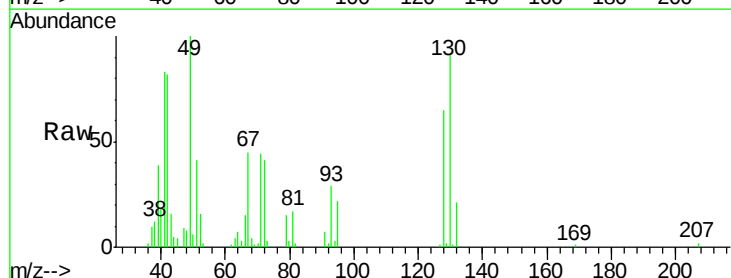
Ion Ratio Lower Upper

41 100

39 127.8 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

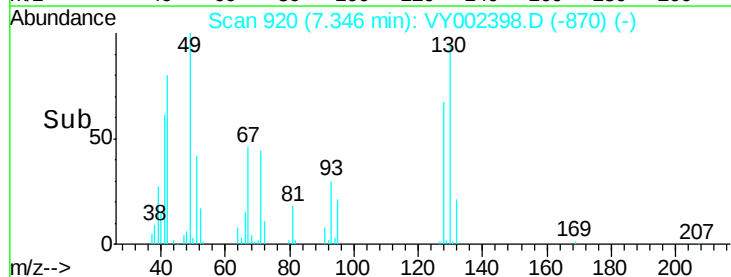
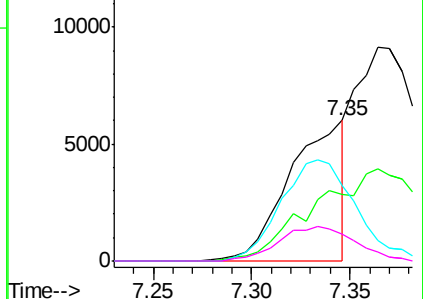


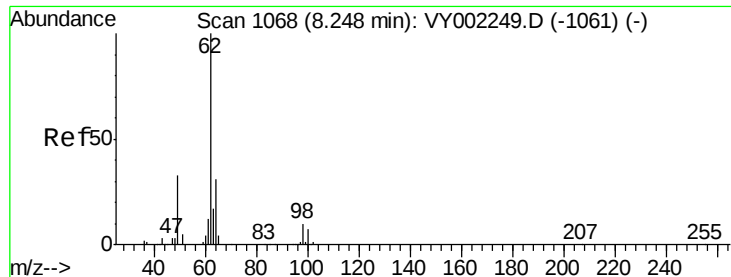
Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0





#42

1,2-Dichloroethane

Concen: 56.959 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

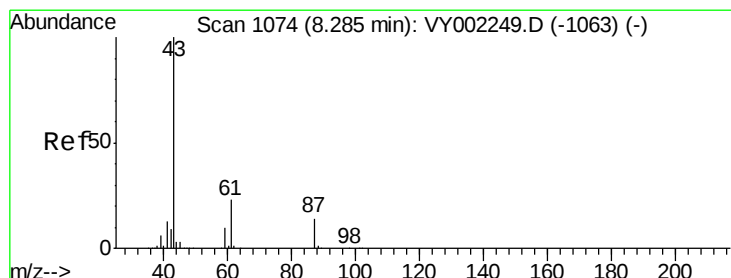
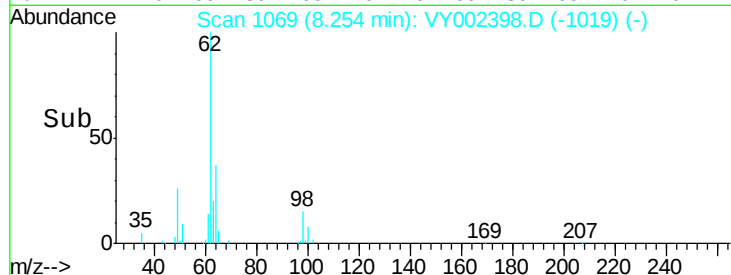
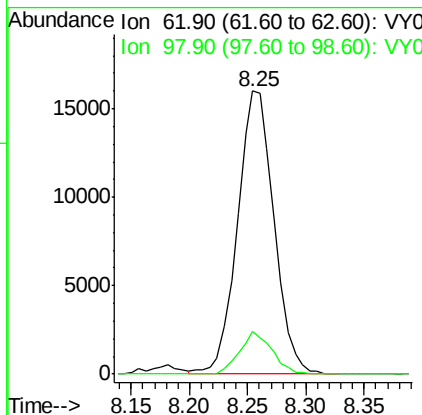
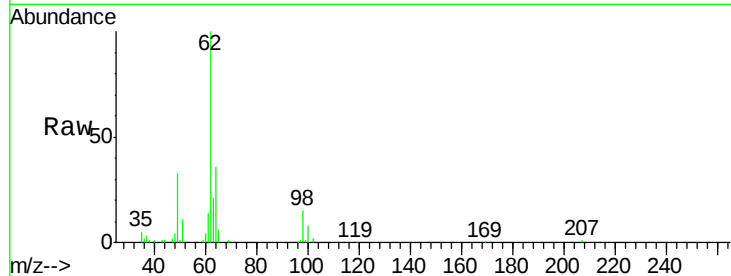
ClientSampleId :

BG-4MSD

Tot Ion	Ratio	Lower	Upper
62	100		
98	13.4	0.0	22.6

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#43

Isopropyl Acetate

Concen: 10.748 ug/l

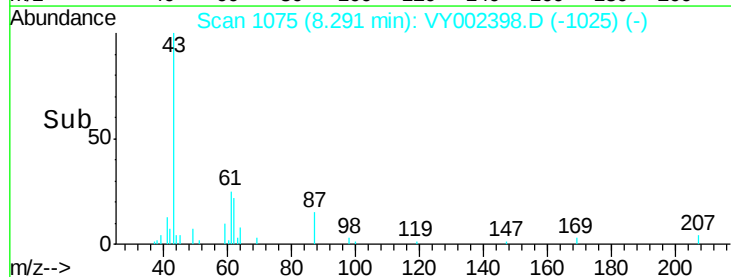
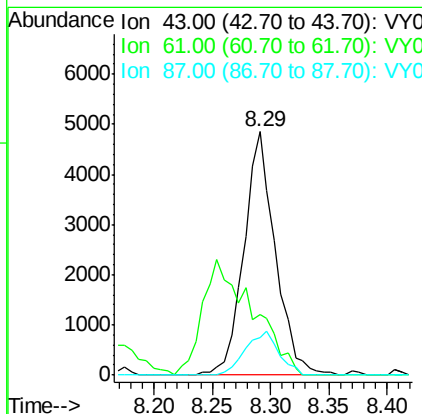
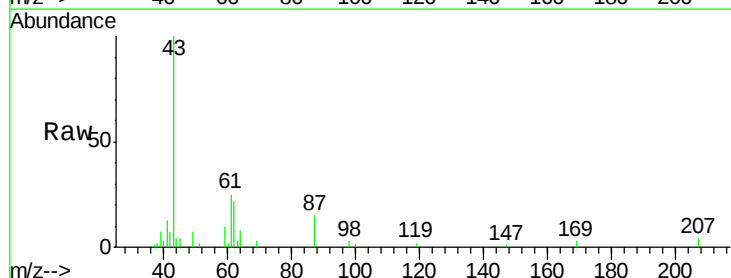
RT: 8.29 min Scan# 1075

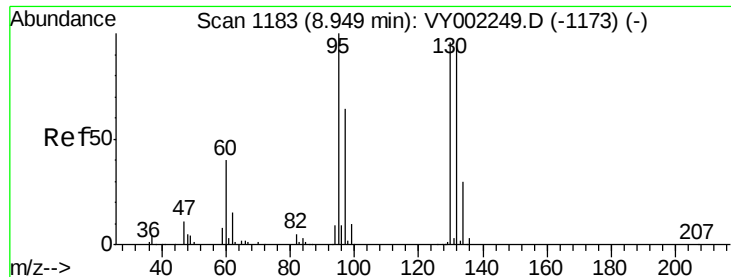
Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.9	37.3#
87	19.0	11.7	17.5#





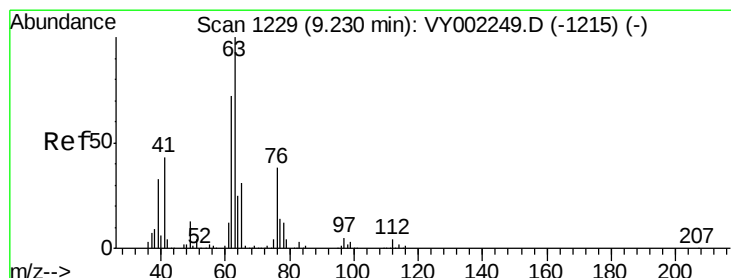
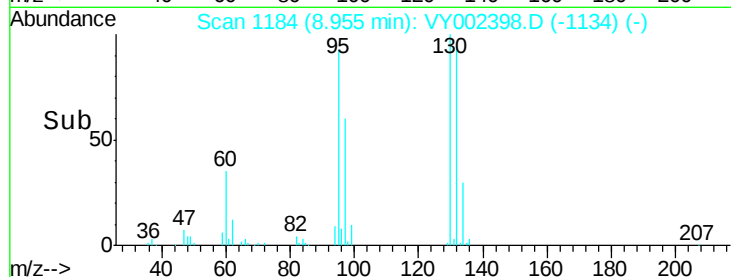
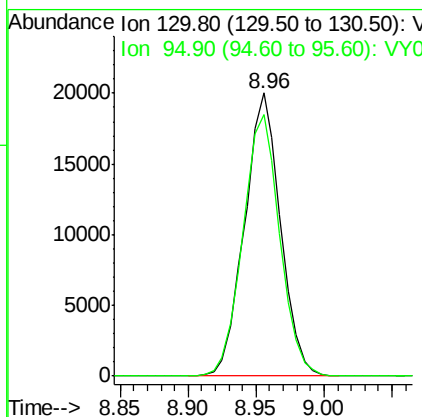
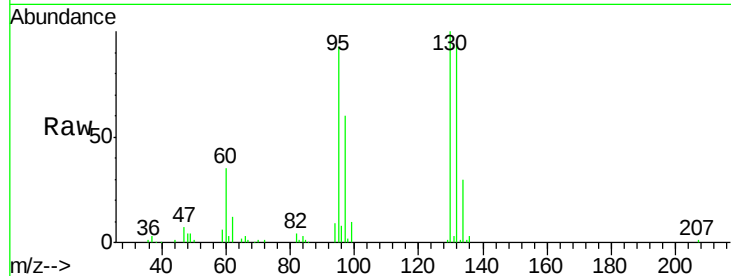
#44
 Trichloroethene
 Concen: 50.989 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
130	100	37063		
95	92.5	0.0	208.2	

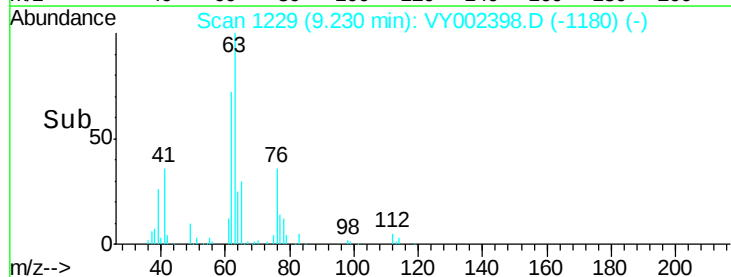
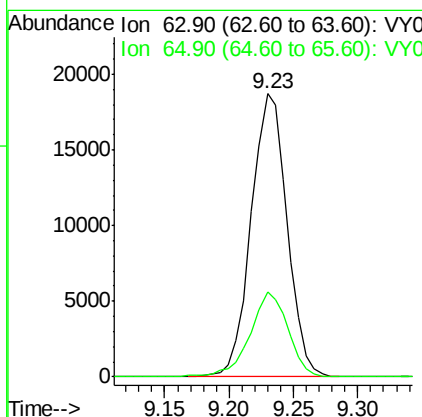
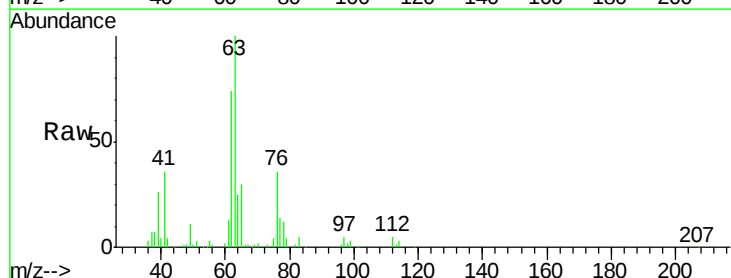
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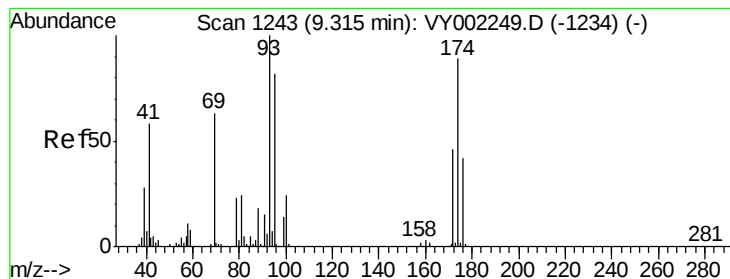
MMDadoda
 4/20/2020 11:41:16 AM



#45
 1,2-Dichloropropane
 Concen: 58.720 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	36021		
65	29.9	24.6	37.0	





#46

Dibromomethane

Concen: 58.942 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

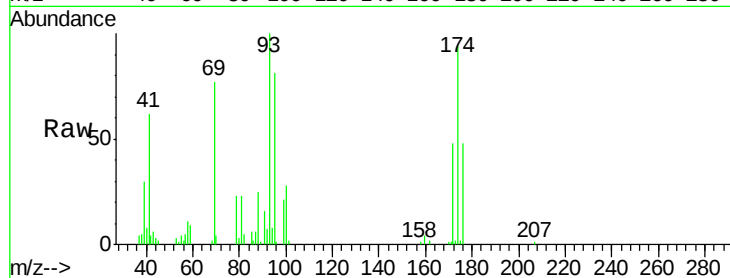
ClientSampled :

BG-4MSD

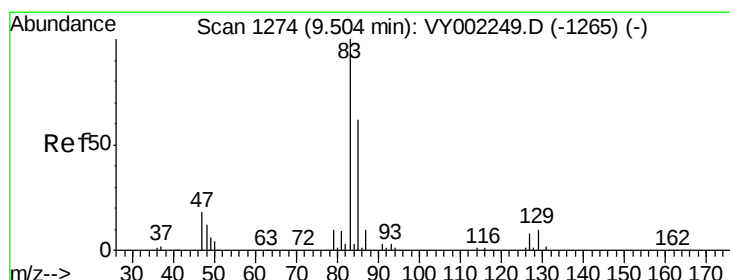
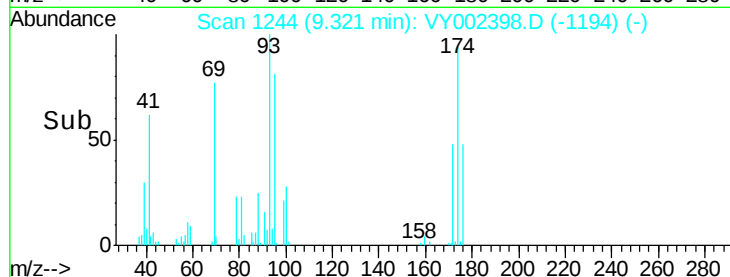
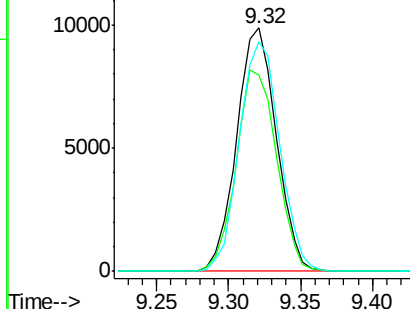
Tot Ion:	93	Resp:	18905
Ion	Ratio	Lower	Upper
93	100		
95	84.2	67.3	100.9
174	96.0	72.5	108.7

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Abundance Ion 92.80 (92.50 to 93.50): VY0
Ion 94.80 (94.50 to 95.50): VY0
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 56.660 ug/l

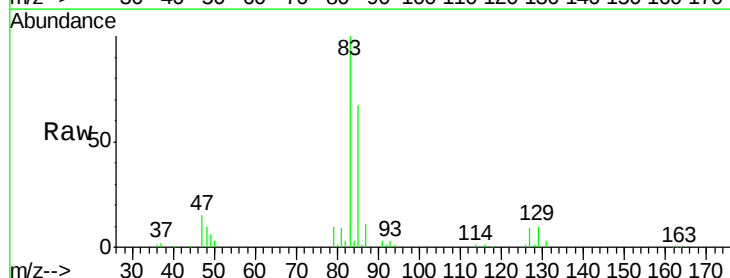
RT: 9.51 min Scan# 1275

Delta R.T. 0.01 min

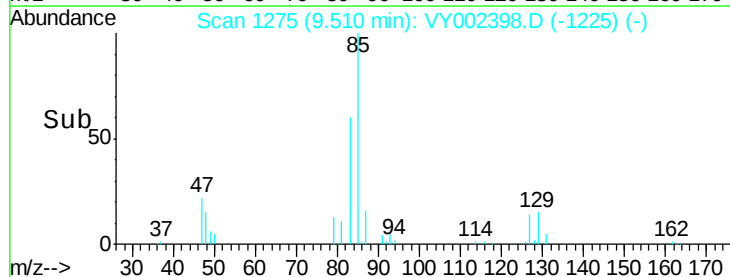
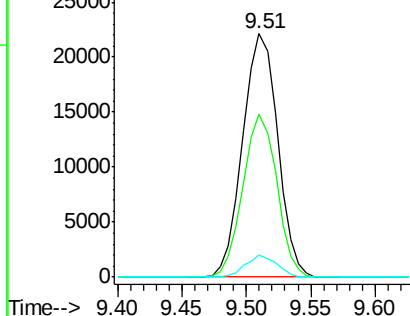
Lab File: VY002398.D

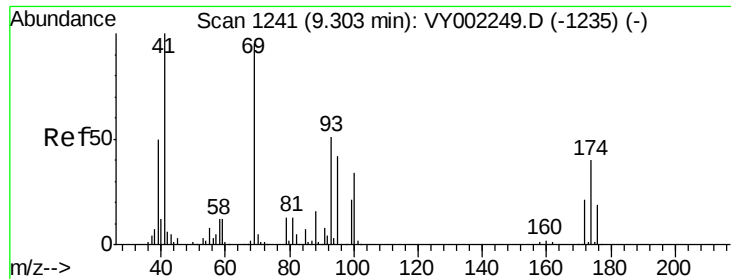
Acq: 17 Apr 2020 14:50

Tgt Ion:	83	Resp:	41699
Ion	Ratio	Lower	Upper
83	100		
85	66.8	49.7	74.5
127	9.2	6.2	9.4



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V





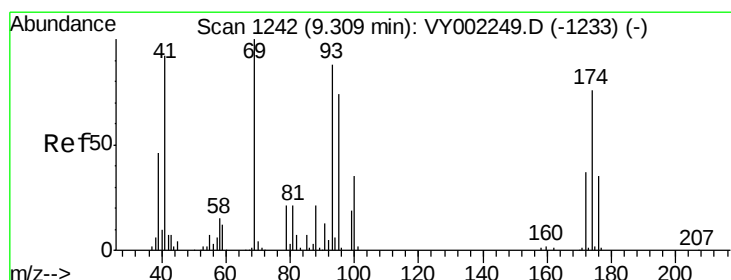
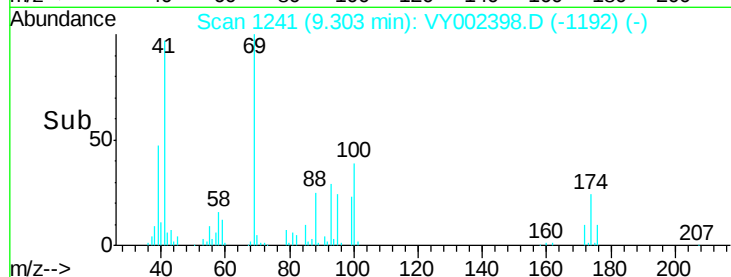
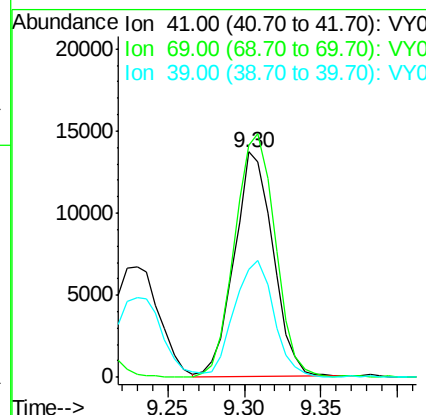
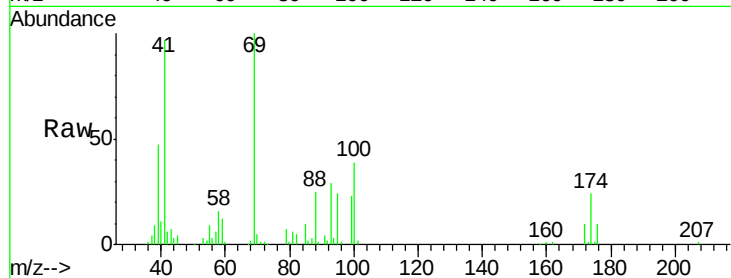
#48
Methvl methacrylate
Concen: 63.219 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Lower	Upper
41	100		
69	113.3	76.7	115.1
39	53.1	40.5	60.7

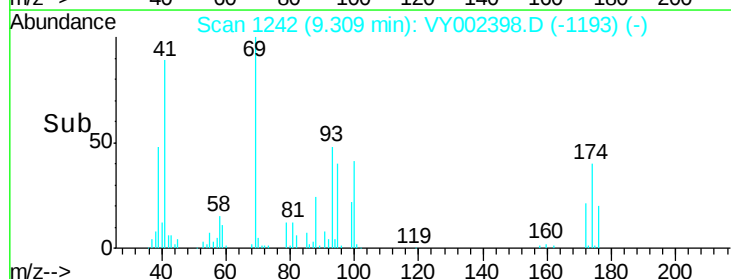
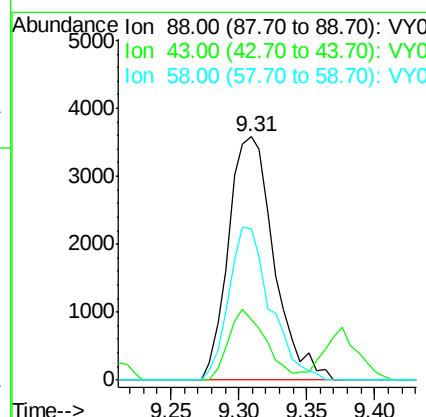
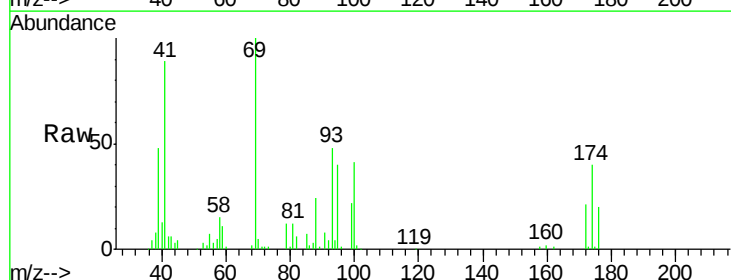
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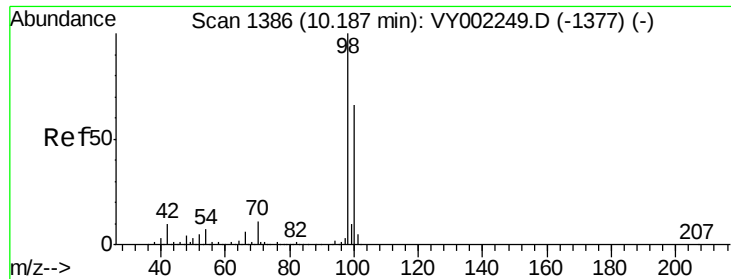
MMDadoda
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#49
1,4-Dioxane
Concen: 1838.853 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
43	23.5	22.2	33.2
58	57.5	57.6	86.4#





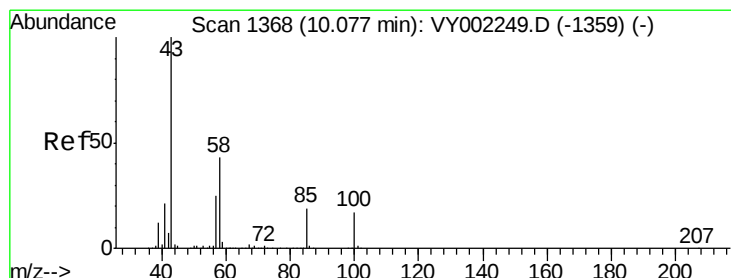
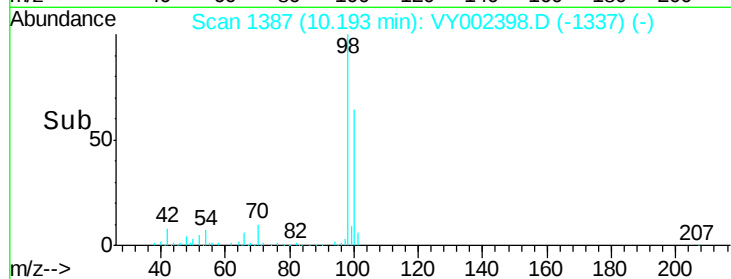
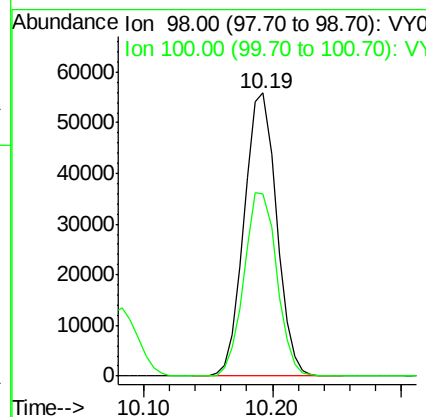
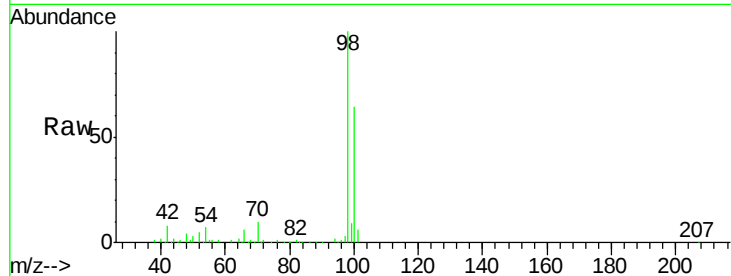
#50
Toluene-d8
Concen: 47.153 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	98	Resp	97158
Ion Ratio	100	Lower	Upper
98	100		
100	65.5	52.6	78.8

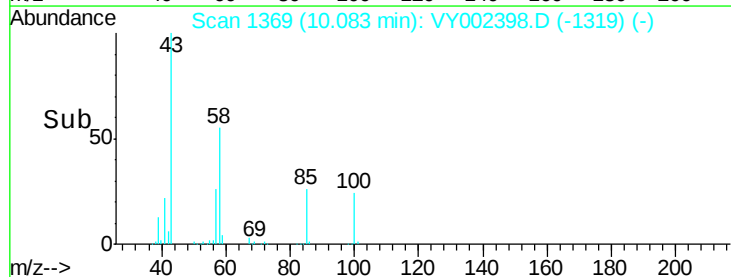
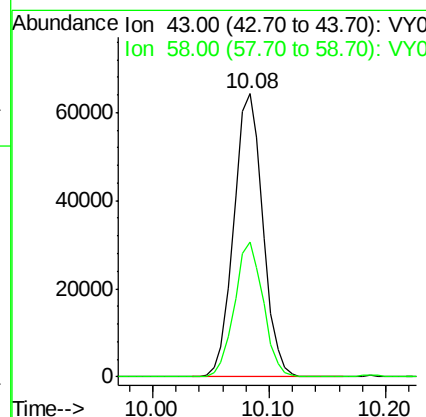
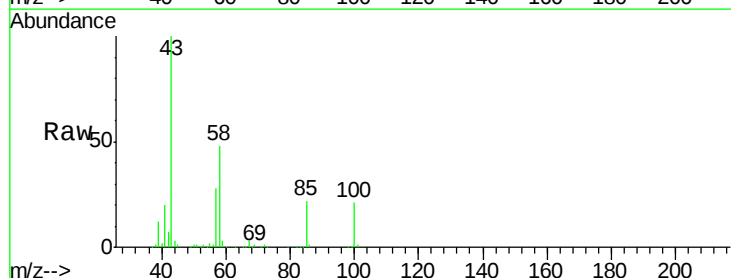
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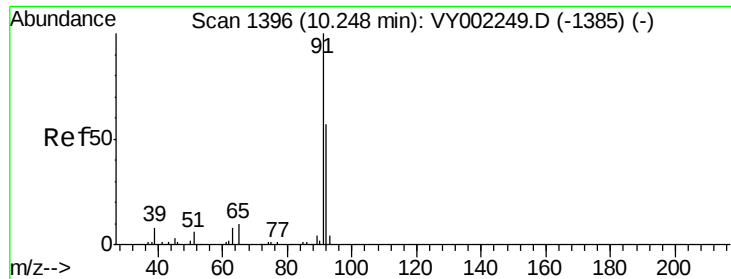
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 252.829 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion	43	Resp	111854
Ion Ratio	100	Lower	Upper
43	100		
58	47.0	33.8	50.8





#52

Toluene

Concen: 47.718 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

BG-4MSD

Tot Ion: 92 Resp: 71099

Ion Ratio Lower Upper

92 100

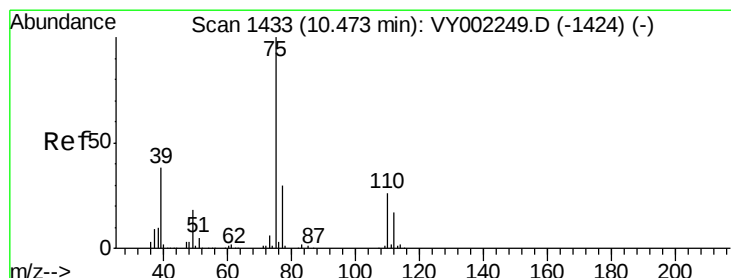
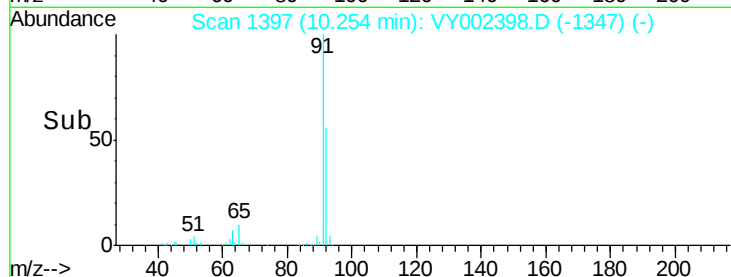
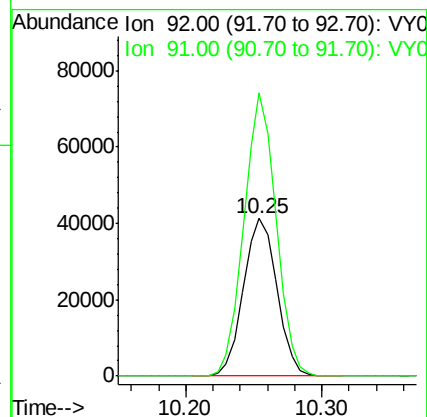
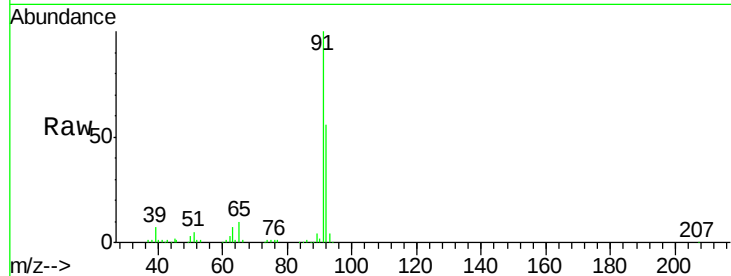
91 172.4 139.0 208.6

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#53

t-1,3-Dichloropropene

Concen: 44.027 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002398.D

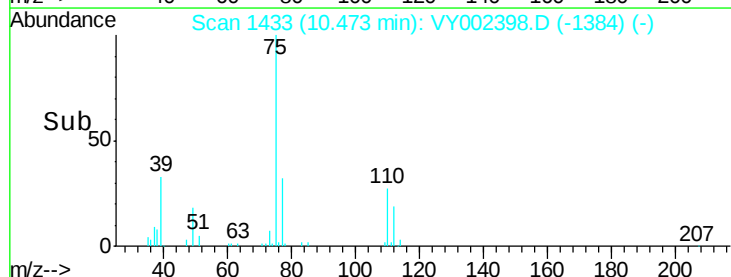
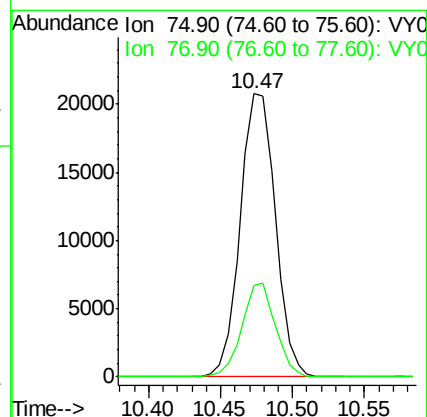
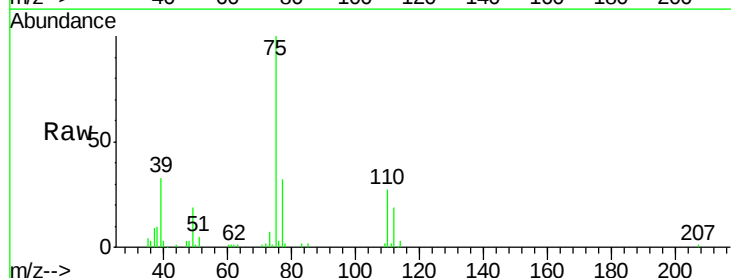
Acq: 17 Apr 2020 14:50

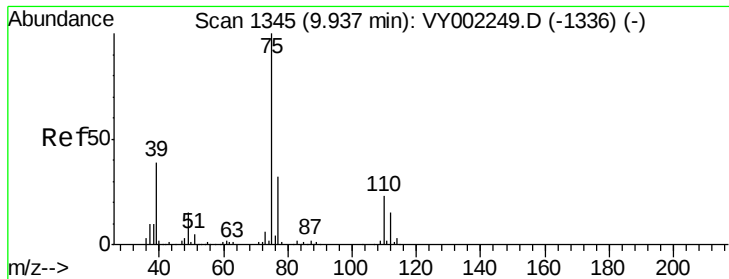
Tgt Ion: 75 Resp: 35303

Ion Ratio Lower Upper

75 100

77 32.4 24.2 36.2





#54

cis-1,3-Dichloropropene

Concen: 46.107 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

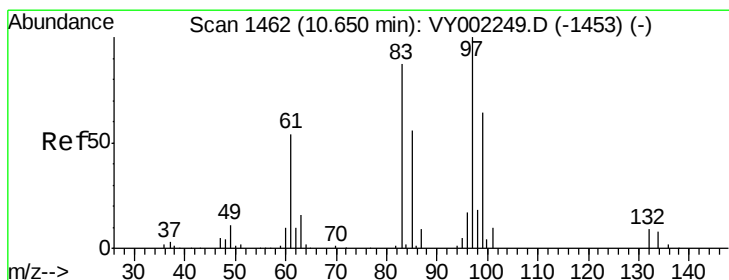
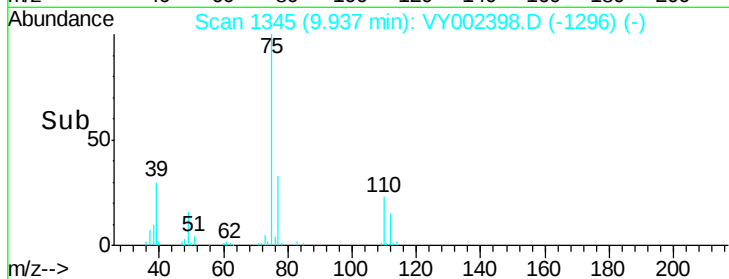
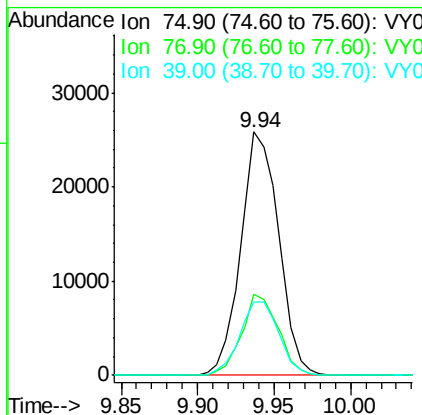
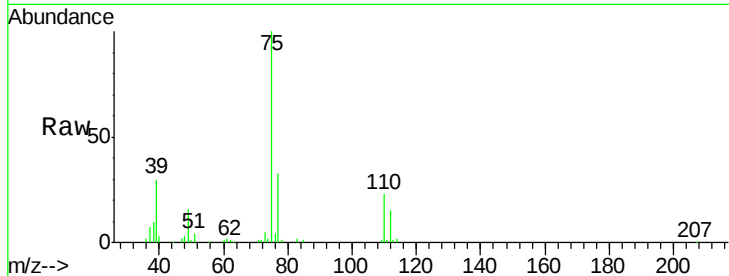
ClientSampleId :

BG-4MSD

Tot Ion:	75	Resp:	44448
Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.8	38.8
39	30.0	30.8	46.2#

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#55

1,1,2-Trichloroethane

Concen: 61.744 ug/l

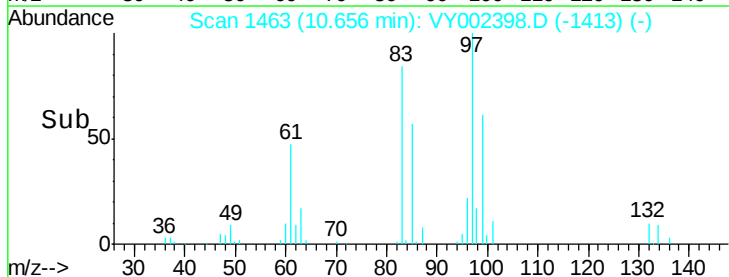
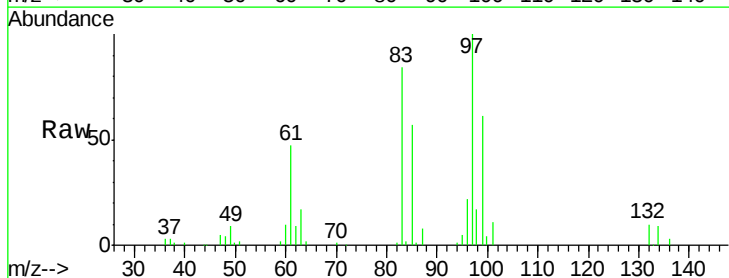
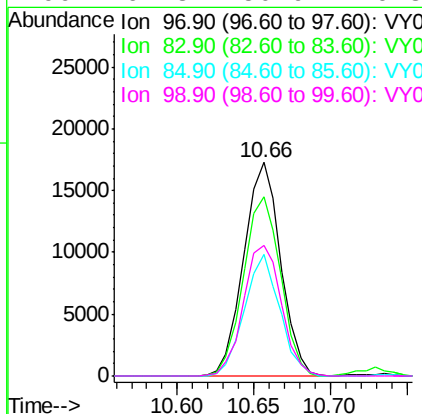
RT: 10.66 min Scan# 1463

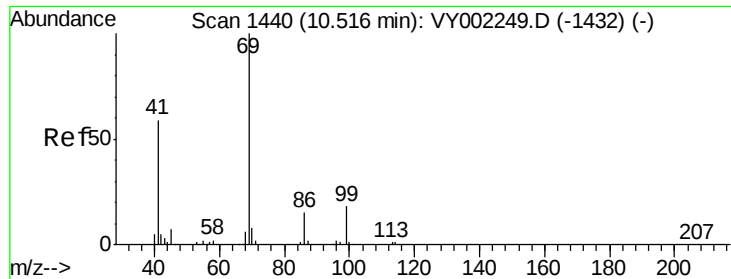
Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Tgt Ion:	97	Resp:	28994
Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.5	104.3
85	56.7	45.2	67.8
99	61.3	50.9	76.3





#56

Ethyl methacrylate

Concen: 3.900 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

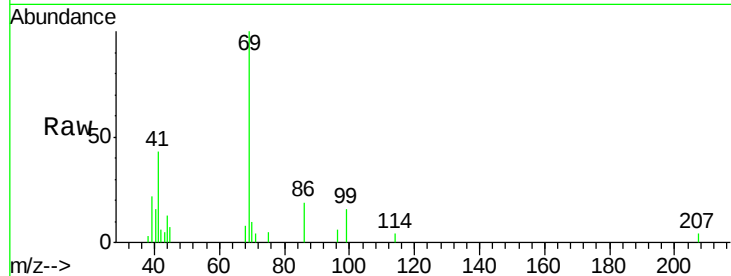
ClientSampleId :

BG-4MSD

Tot Ion:	69	Resp:	2614
Ion	Ratio	Lower	Upper
69	100		
41	51.8	47.9	71.9
39	0.0	23.8	35.6

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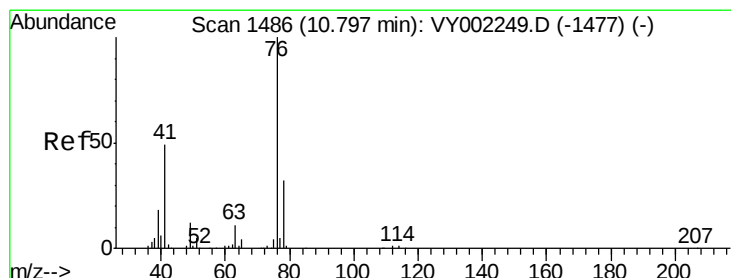
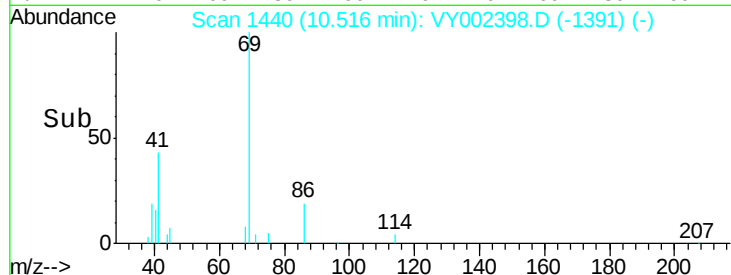
Abundance Ion 69.00 (68.70 to 69.70): VY002249.D (-1432) (-)

Ion 41.00 (40.70 to 41.70): VY002249.D (-1432) (-)

Ion 39.00 (38.70 to 39.70): VY002249.D (-1432) (-)

Time-->

10.45 10.50 10.55



#57

1,3-Dichloropropane

Concen: 57.716 ug/l

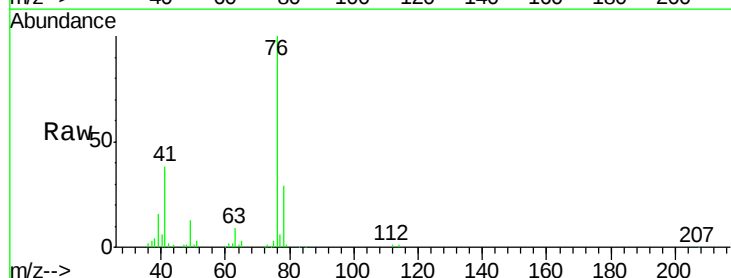
RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Tgt Ion:	76	Resp:	47637
Ion	Ratio	Lower	Upper
76	100		
78	31.4	25.8	38.6

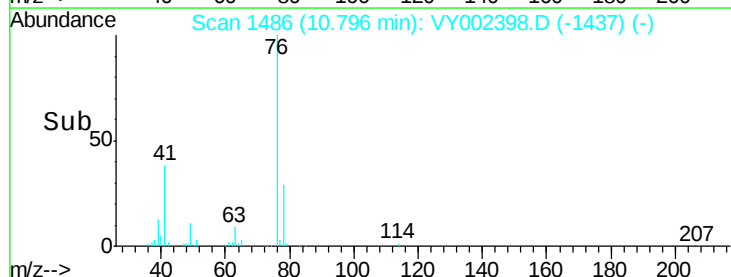


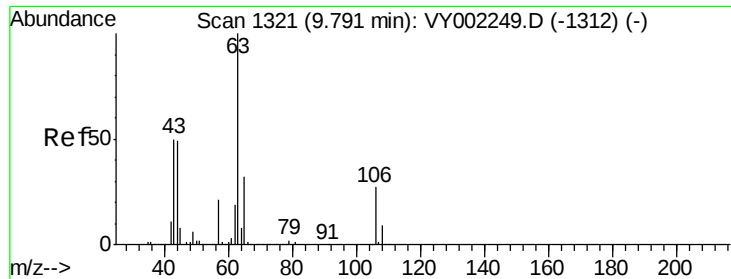
Abundance Ion 75.90 (75.60 to 76.60): VY002249.D (-1477) (-)

Ion 77.90 (77.60 to 78.60): VY002249.D (-1477) (-)

Time-->

10.70 10.75 10.80 10.85





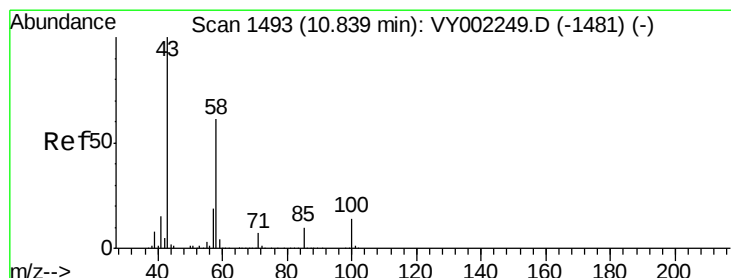
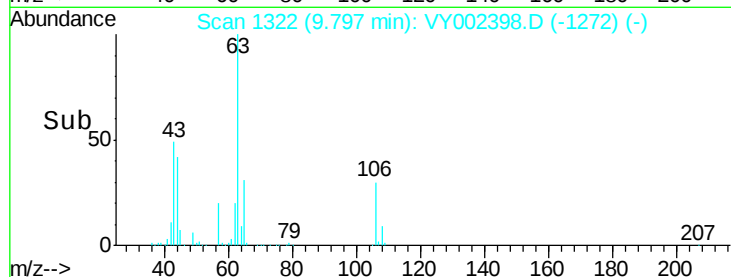
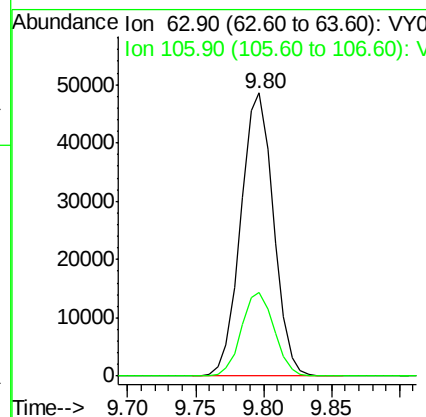
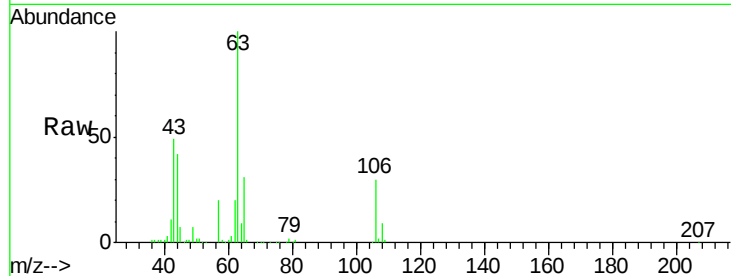
#58
 2-Chloroethyl Vinyl ether
 Concen: 235.481 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion: 63 Resp: 81727
 Ion Ratio Lower Upper
 63 100
 106 29.7 22.2 33.2

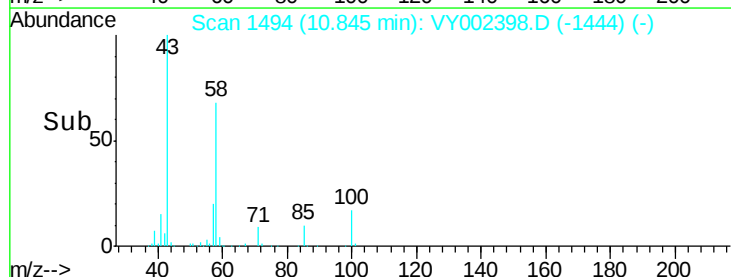
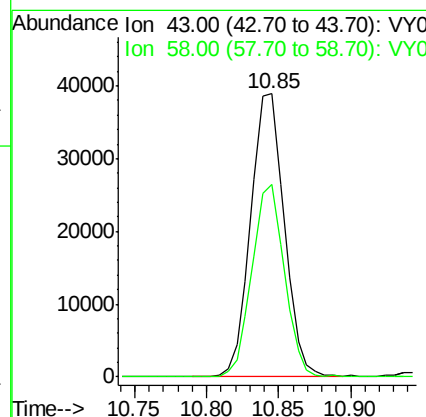
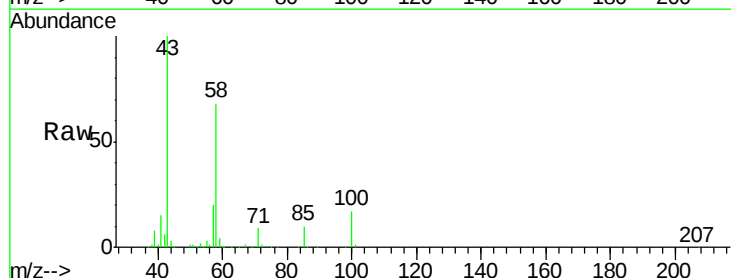
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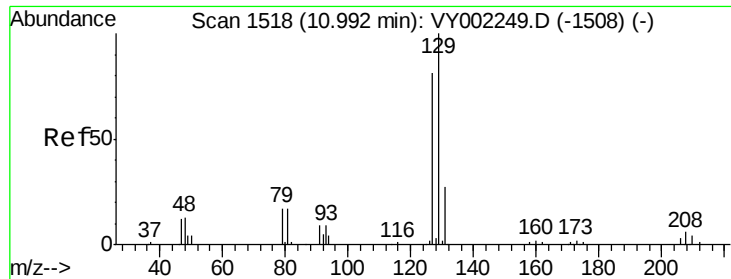
MMDadoda
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#59
 2-Hexanone
 Concen: 204.214 ug/l
 RT: 10.85 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion: 43 Resp: 62703
 Ion Ratio Lower Upper
 43 100
 58 66.0 29.8 89.3





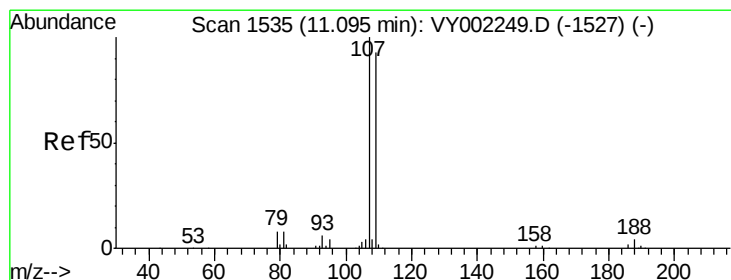
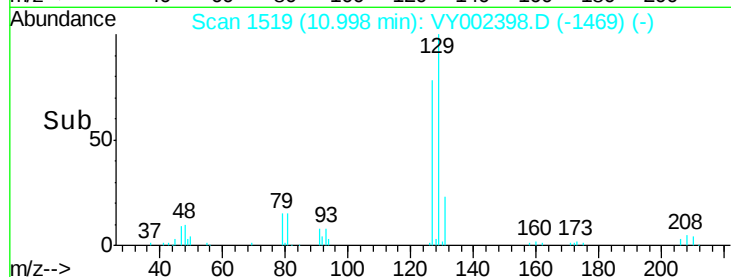
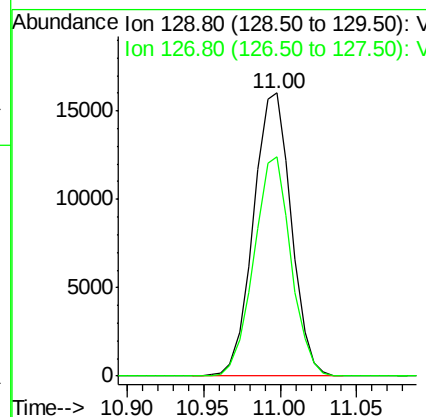
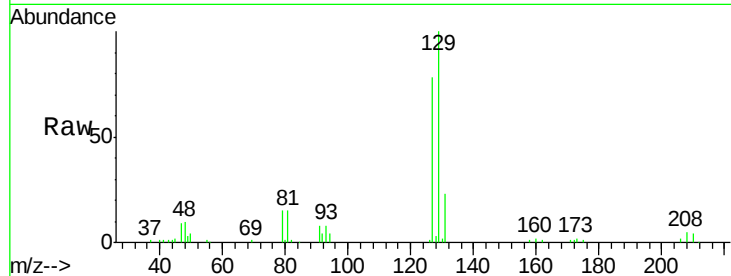
#60
Dibromochloromethane
Concen: 55.045 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion:129 Resp: 27562
Ion Ratio Lower Upper
129 100
127 76.0 39.0 117.0

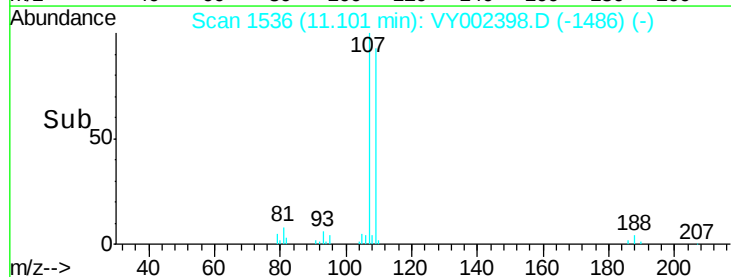
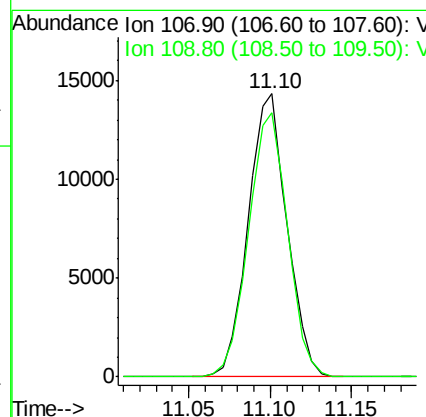
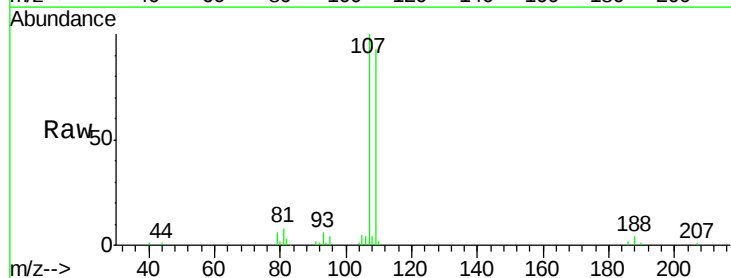
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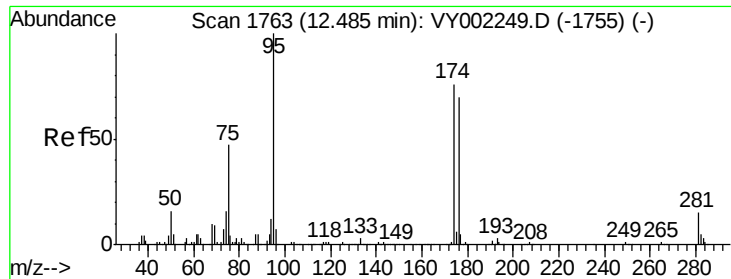
MMDadoda
4/20/2020 11:41:16 AM



#61
1,2-Dibromoethane
Concen: 53.060 ug/l
RT: 11.10 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion:107 Resp: 23720
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4





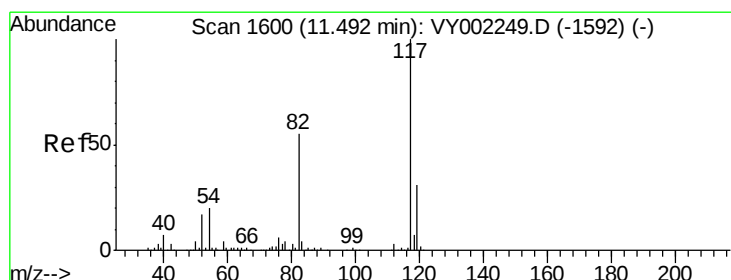
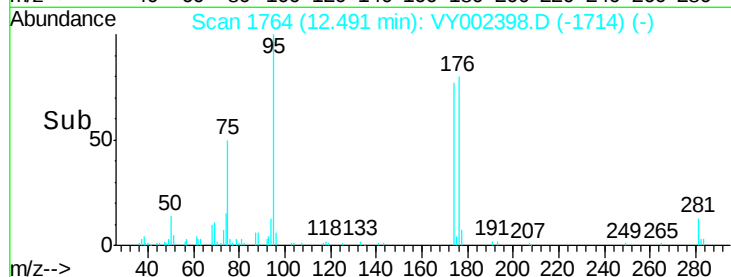
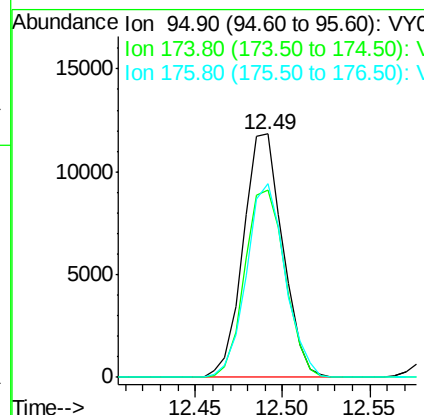
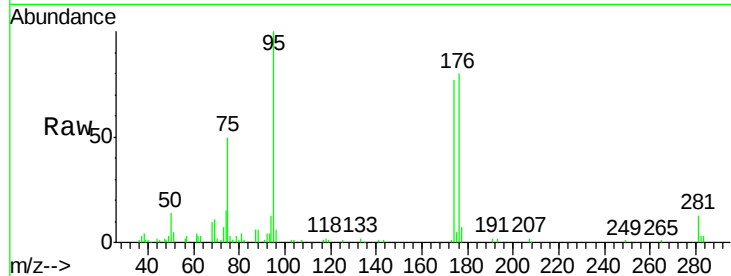
#62
4-Bromofluorobenzene
Concen: 27.402 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	18627		
174	78.5	0.0	150.6	
176	77.9	0.0	141.4	

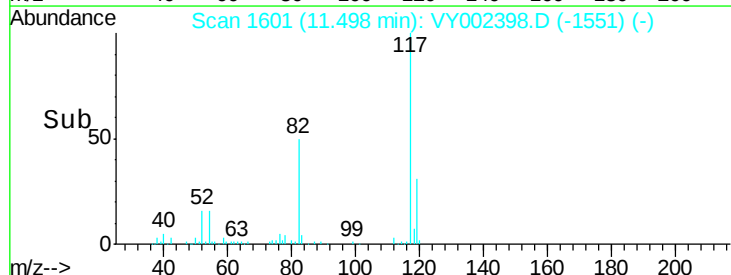
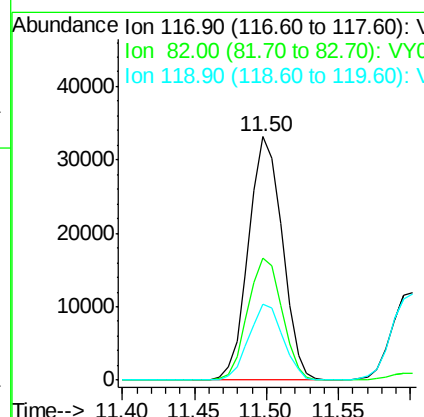
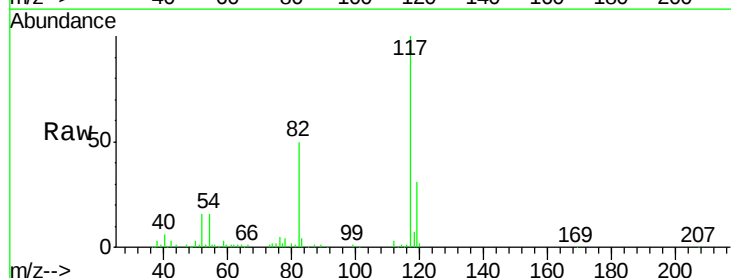
Manual Integrations
APPROVED

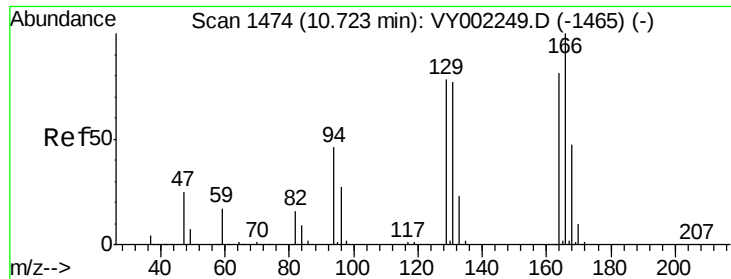
MMDadoda
4/20/2020 11:41:16 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	53851		
82	50.0	44.2	66.4	
119	30.8	25.1	37.7	





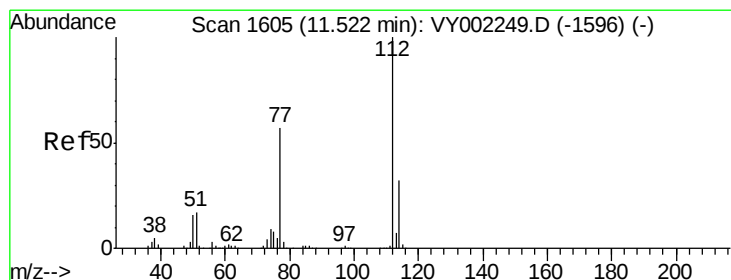
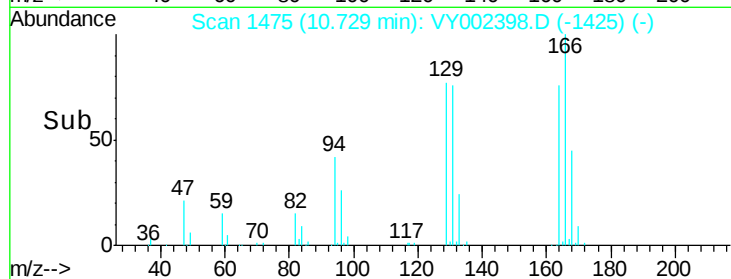
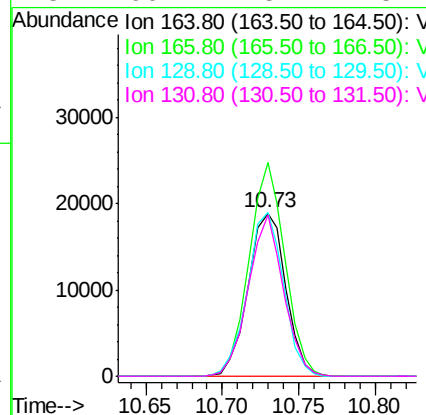
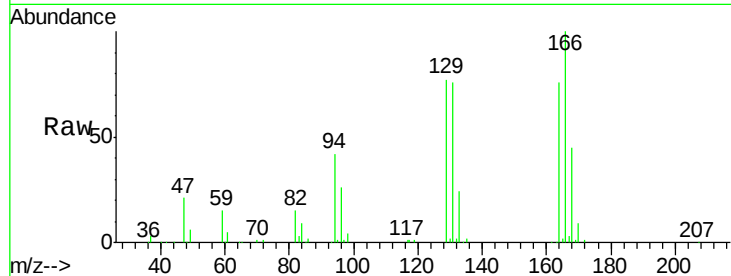
#64
Tetrachloroethene
Concen: 59.381 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.1	98.4	147.6
129	100.4	76.6	115.0
131	99.1	75.4	113.2

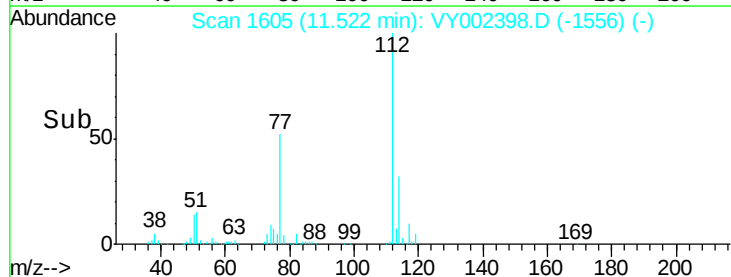
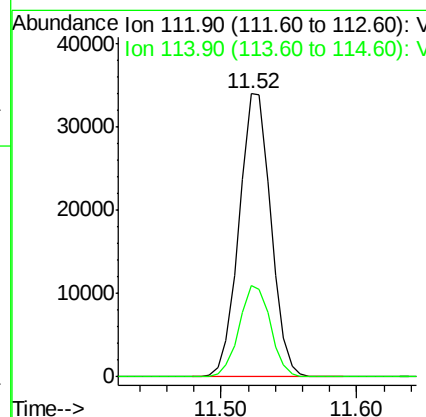
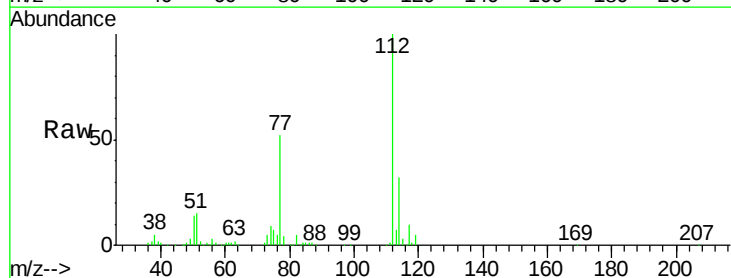
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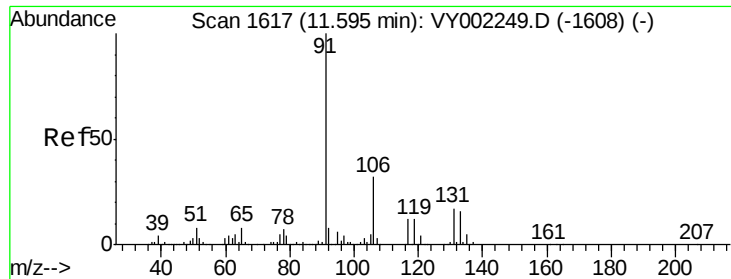
MMDadoda
4/20/2020 11:41:16 AM



#65
Chlorobenzene
Concen: 49.548 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 74.281 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

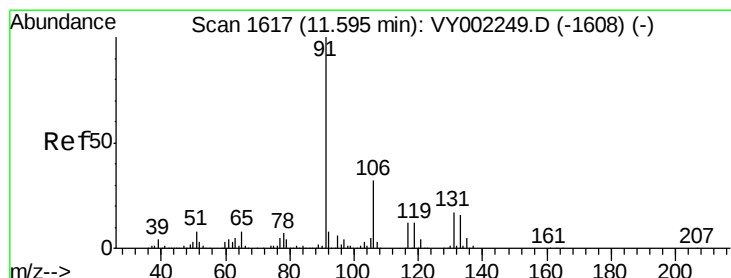
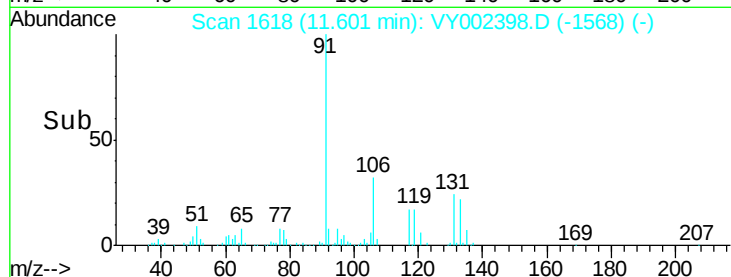
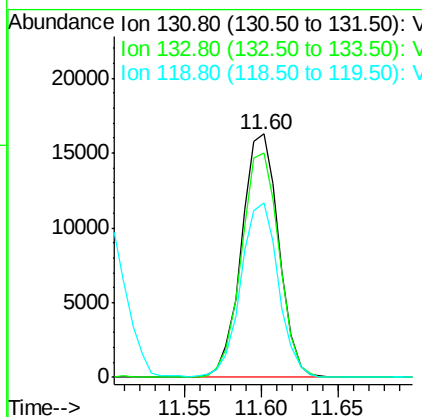
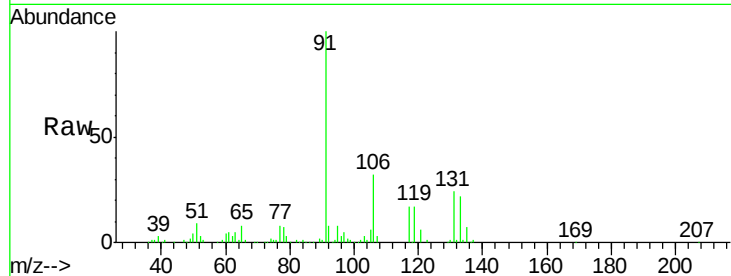
ClientSampleId :

BG-4MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	93.6	46.5	139.3
119	72.2	34.5	103.6

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#67

Ethyl Benzene

Concen: 53.198 ug/l

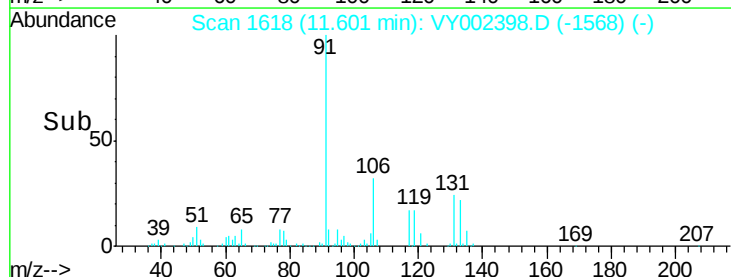
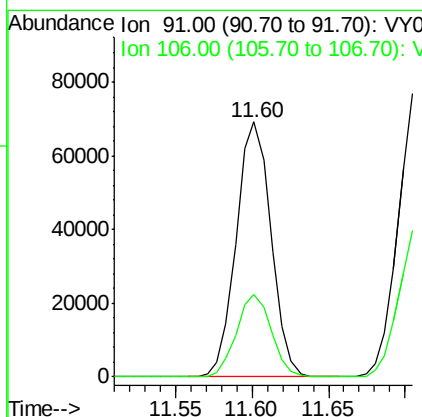
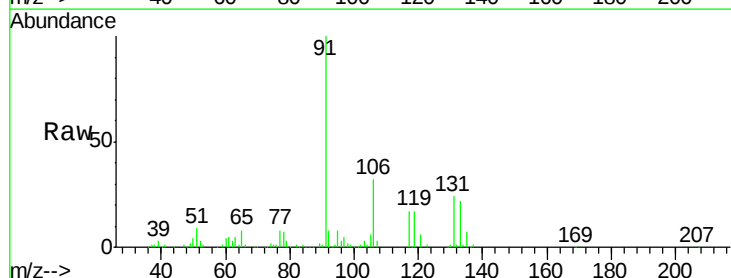
RT: 11.60 min Scan# 1618

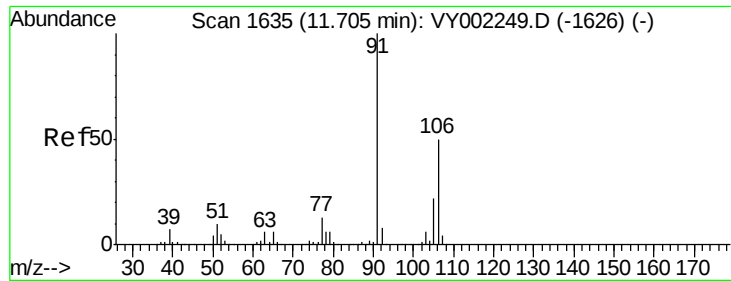
Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.3	25.4	38.0





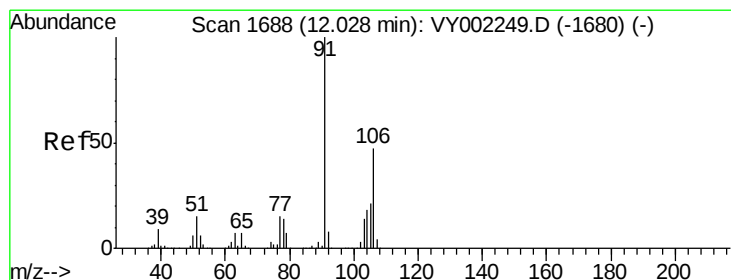
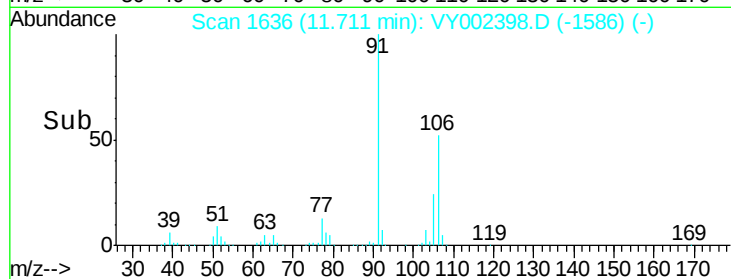
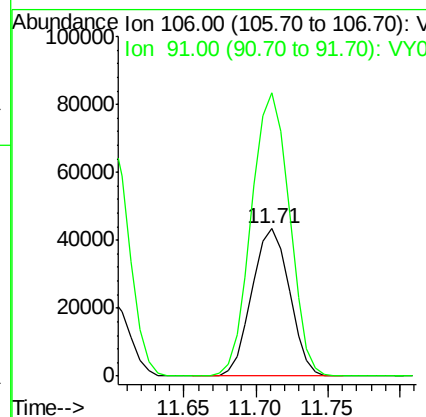
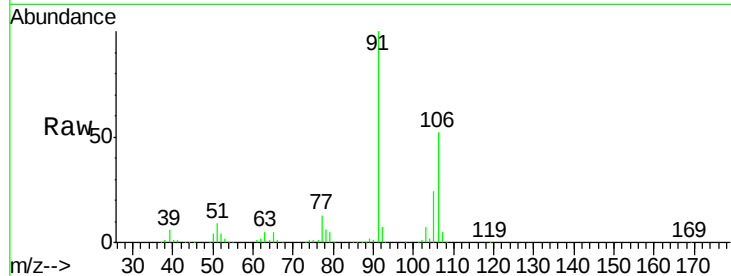
#68
m/p-Xylenes
Concen: 102.283 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampled :
BG-4MSD

Tot Ion:106 Resp: 78507
Ion Ratio Lower Upper
106 100
91 194.3 159.8 239.6

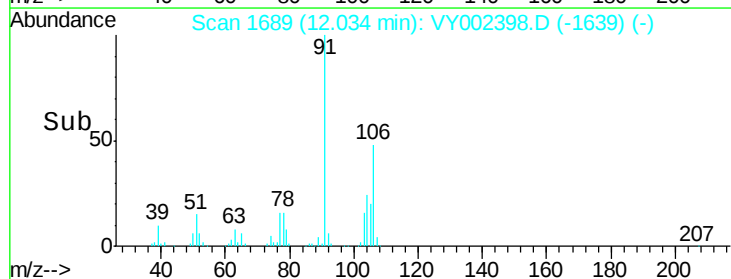
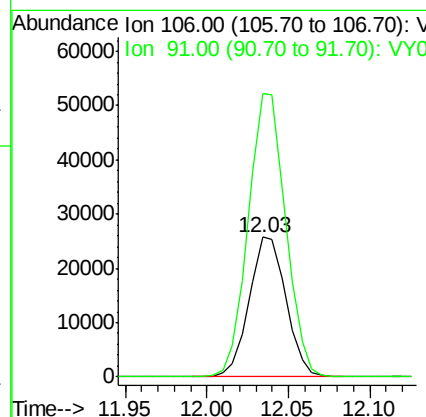
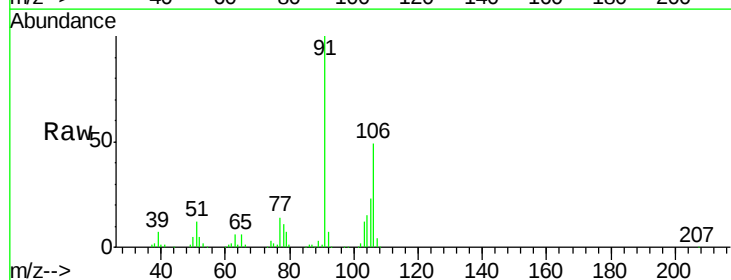
Manual Integrations
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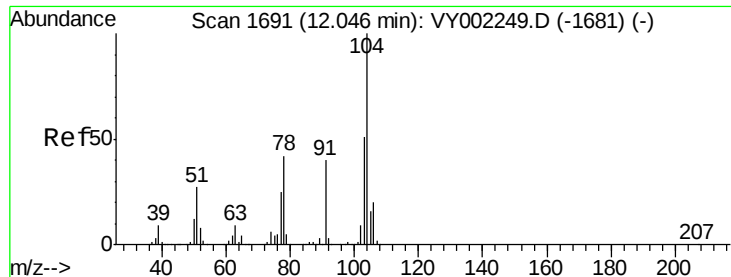
MMDadoda
4/20/2020 11:41:16 AM



#69
o-Xylene
Concen: 56.360 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion:106 Resp: 40613
Ion Ratio Lower Upper
106 100
91 205.8 105.8 317.3





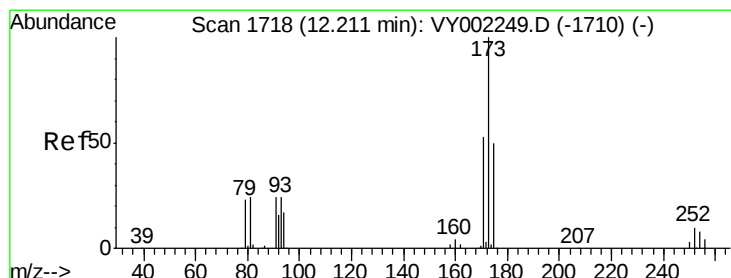
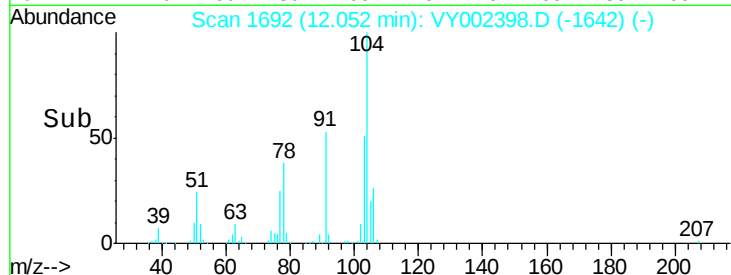
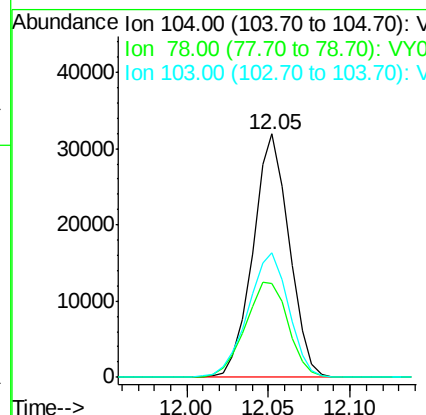
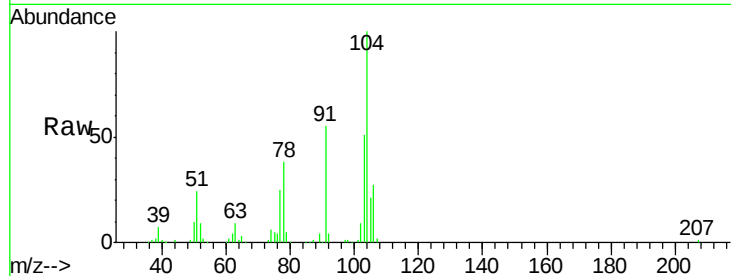
#70
Stvrene
Concen: 39.599 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.2	37.2	55.8
103	57.7	43.4	65.0

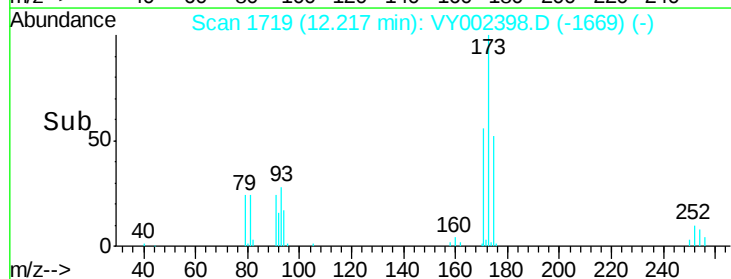
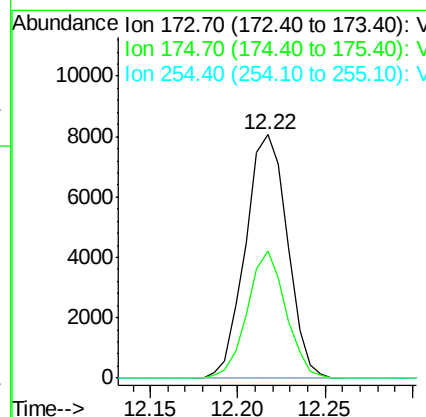
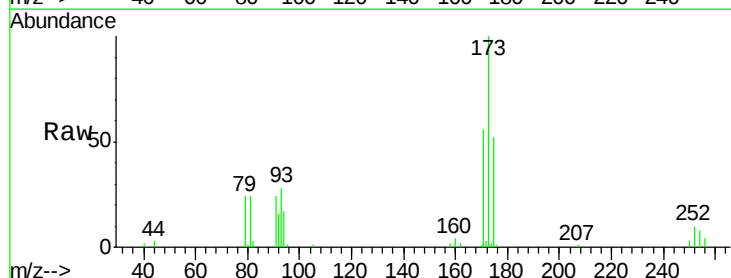
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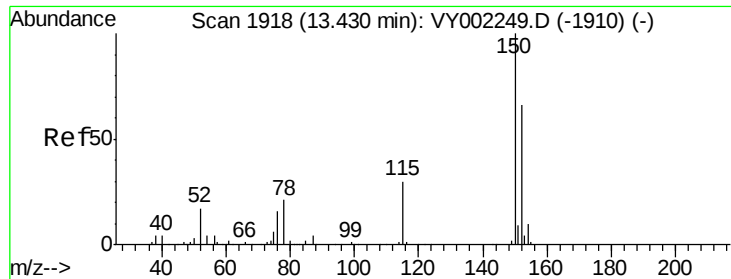
MMDadoda
4/20/2020 11:41:16 AM



#71
Bromoform
Concen: 66.906 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.1	72.3
254	0.0	0.0	0.0





#72

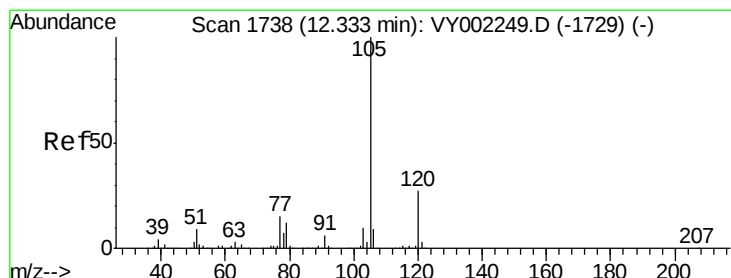
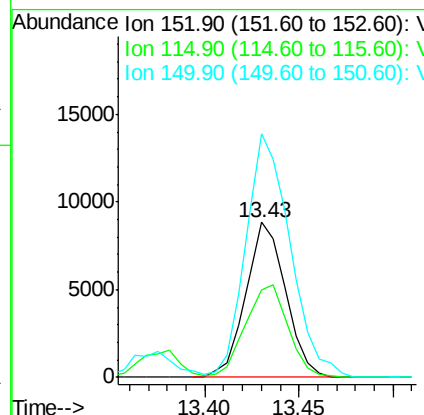
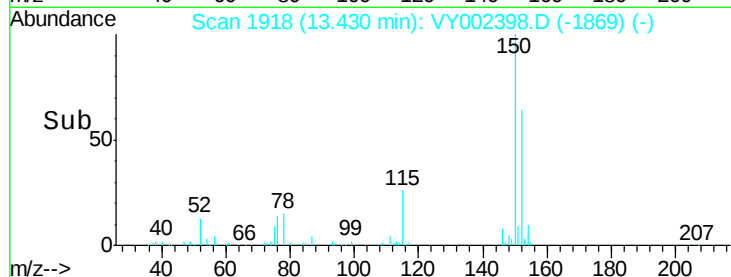
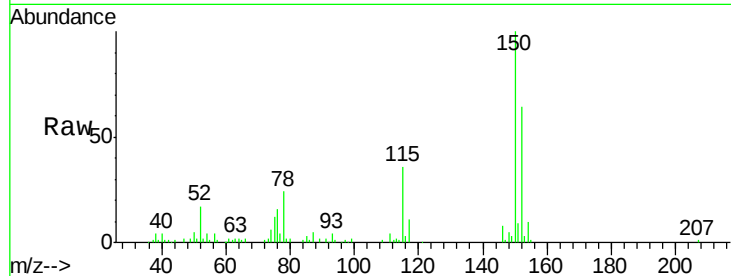
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.8	30.7	92.1
150	175.5	0.0	350.6

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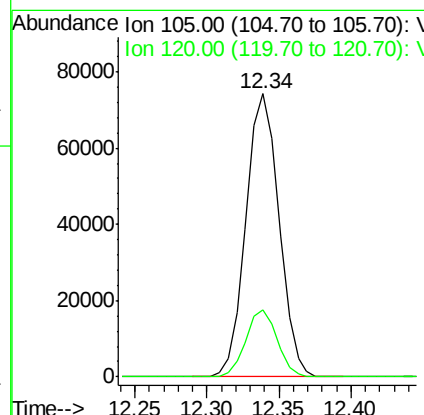
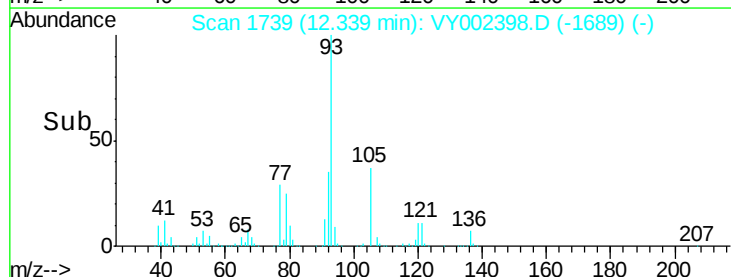
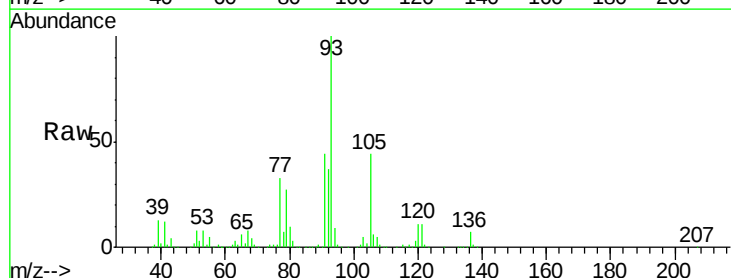
MMDadoda
4/20/2020 11:41:16 AM

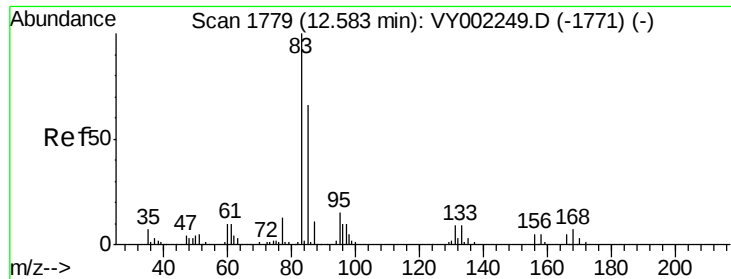


#73

Isopropylbenzene
Concen: 116.606 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	22.5	13.3	39.8





#75

1,1,2,2-Tetrachloroethane

Concen: 107.400 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

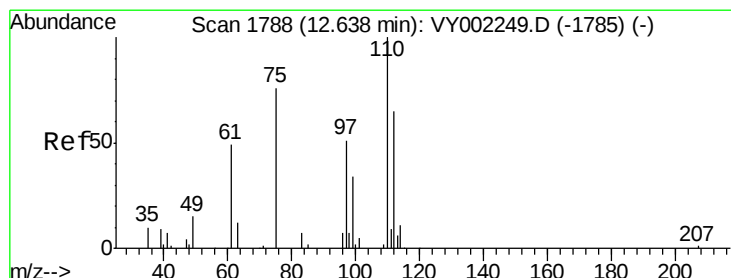
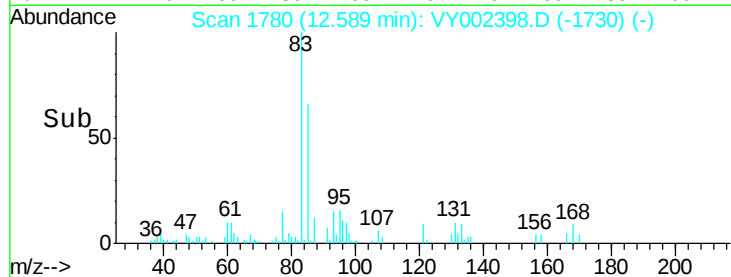
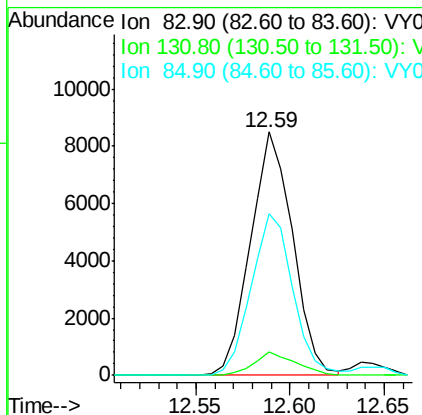
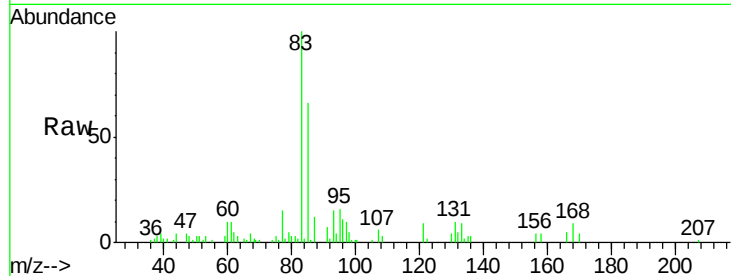
ClientSampleId :

BG-4MSD

Tot Ion:	83	Resp:	13187
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.9	14.7
85	65.5	32.6	97.8

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#76

1,2,3-Trichloropropane

Concen: 141.594 ug/l m

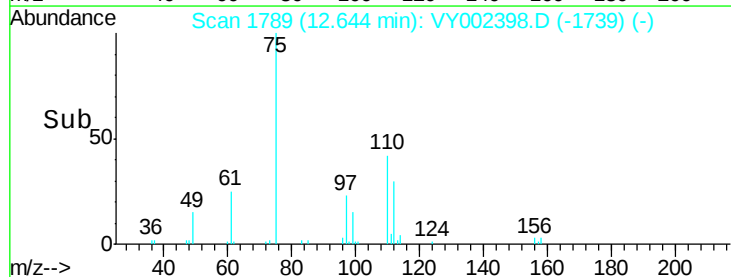
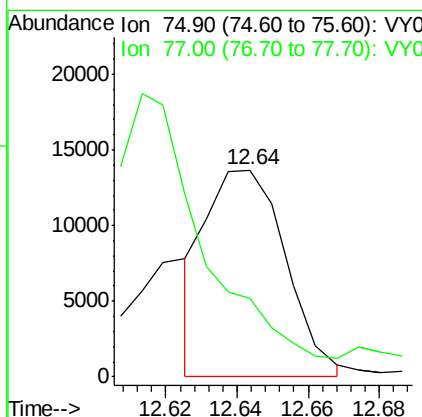
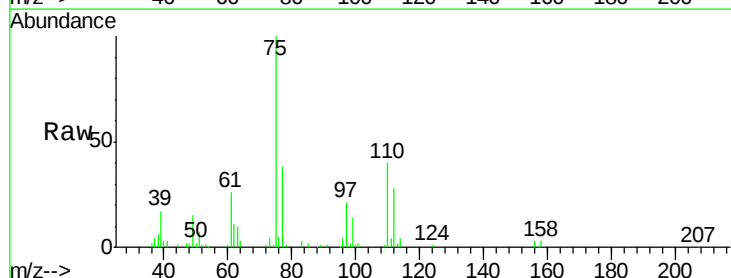
RT: 12.64 min Scan# 1789

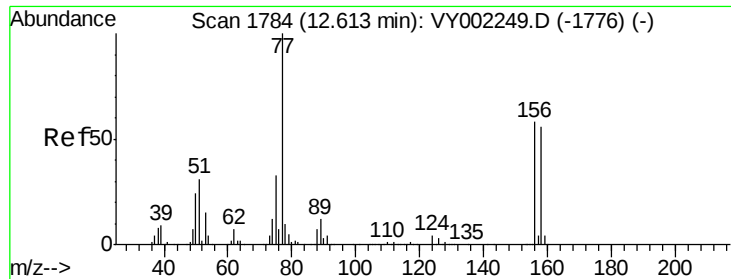
Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Tgt Ion:	75	Resp:	21240
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





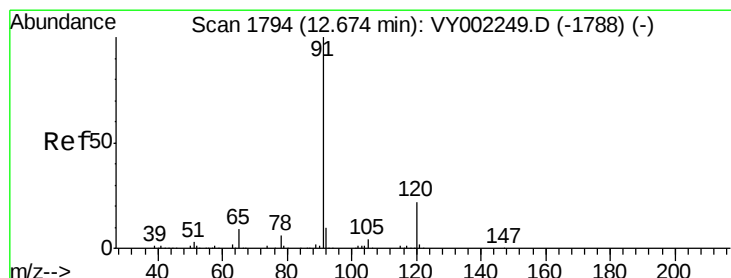
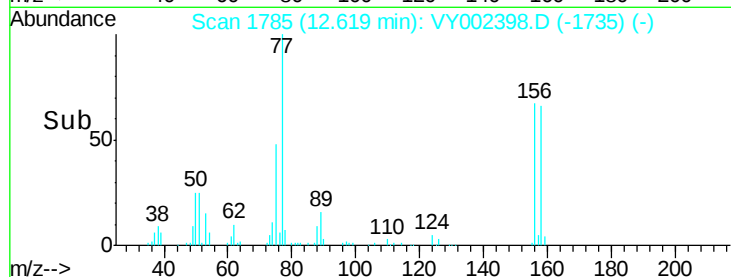
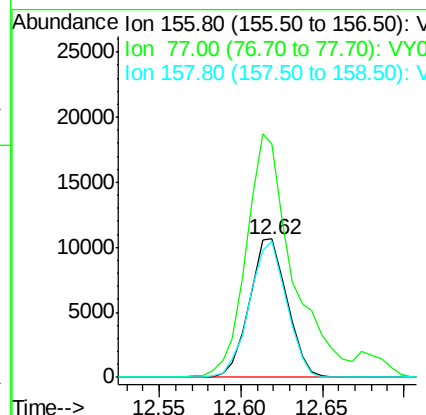
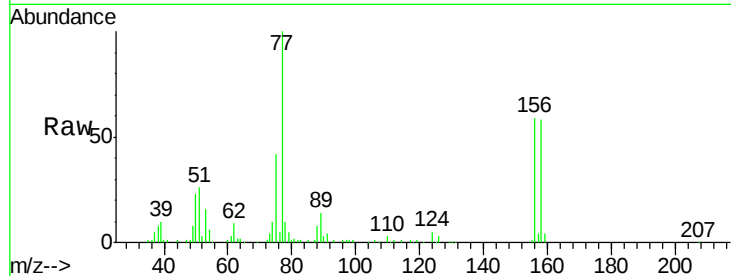
#77
Bromobenzene
Concen: 77.196 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Lower	Upper
156	100		
77	215.6	101.3	303.9
158	96.6	48.3	144.8

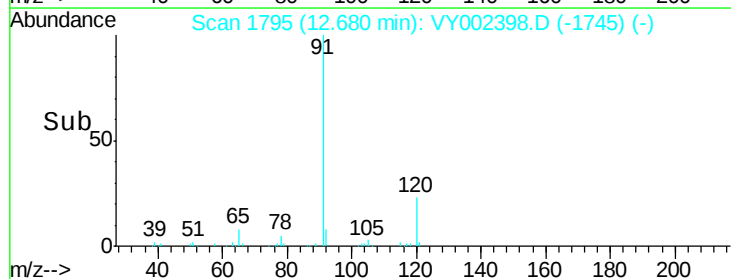
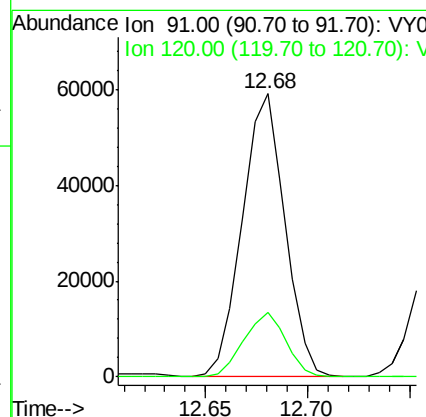
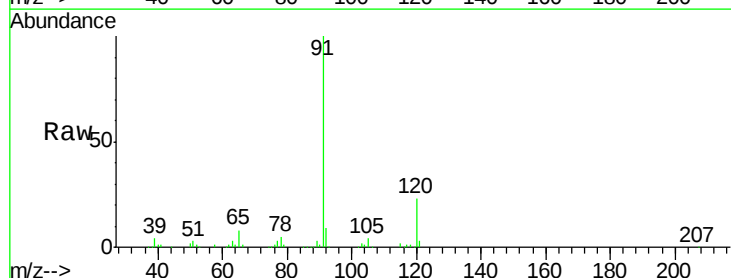
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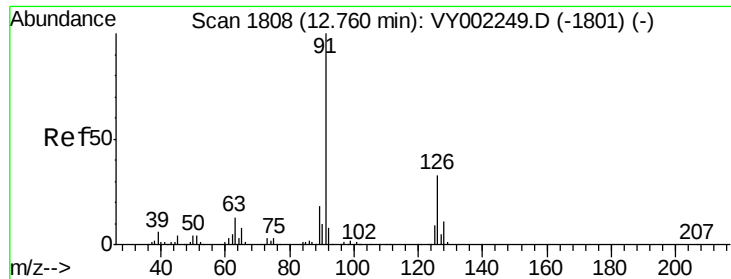
MMDadoda
4/20/2020 11:41:16 AM



#78
n-propylbenzene
Concen: 67.960 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.2	33.5





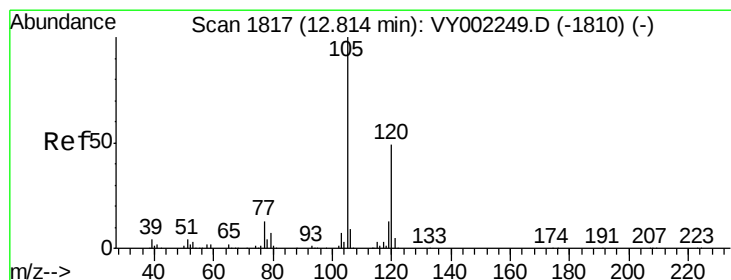
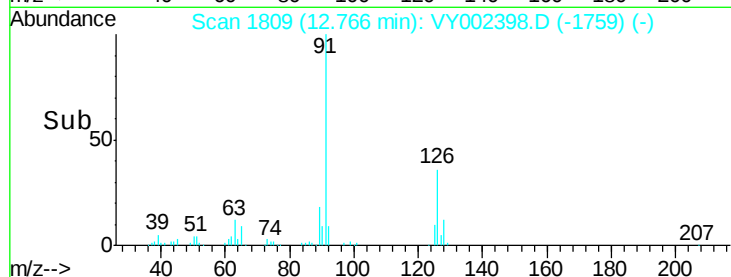
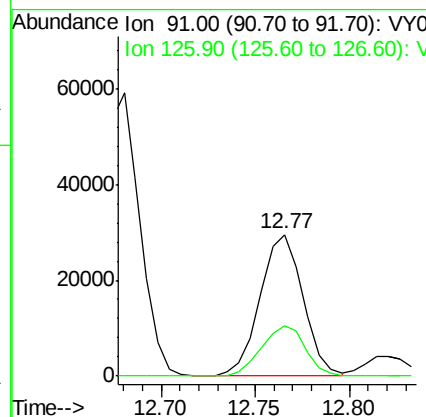
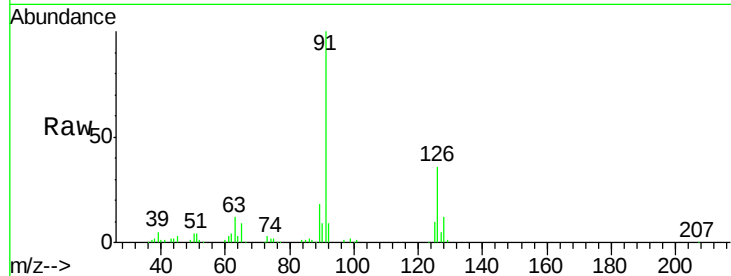
#79
2-Chlorotoluene
Concen: 68.347 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion: 91 Resp: 46881
Ion Ratio Lower Upper
91 100
126 35.9 16.9 50.7

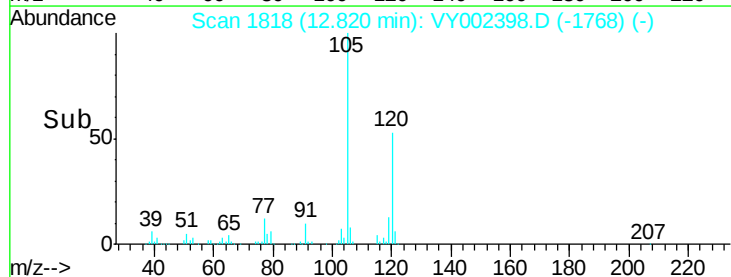
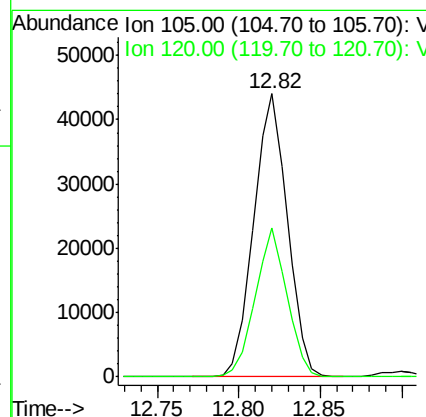
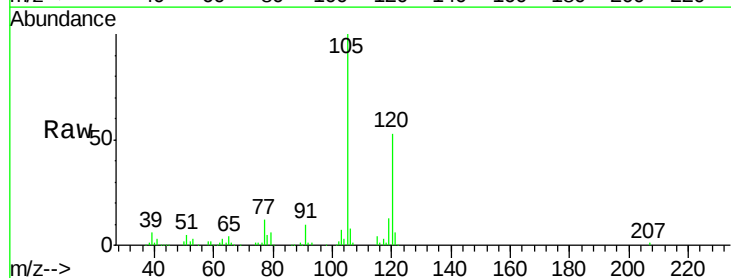
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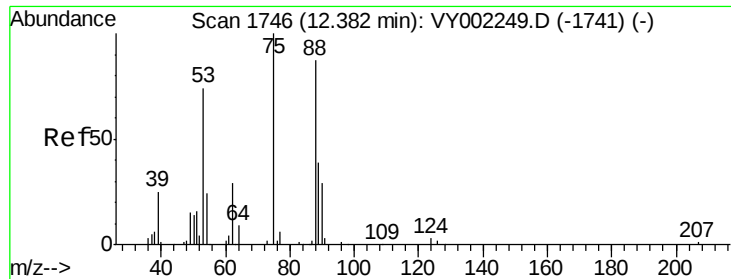
MMDadoda
4/20/2020 11:41:16 AM



#80
1,3,5-Trimethylbenzene
Concen: 75.722 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion: 105 Resp: 63554
Ion Ratio Lower Upper
105 100
120 49.6 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 96.869 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

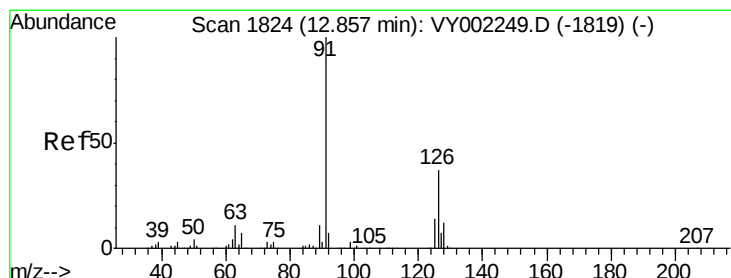
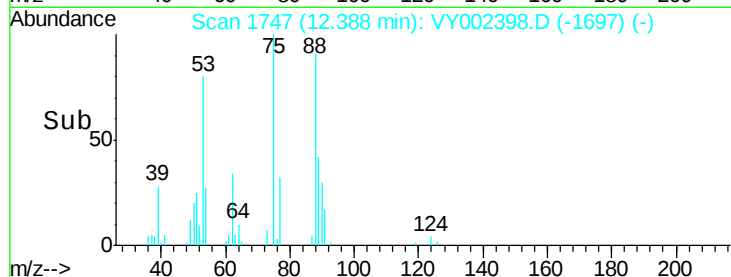
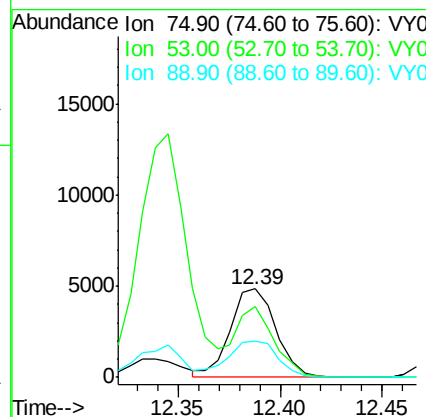
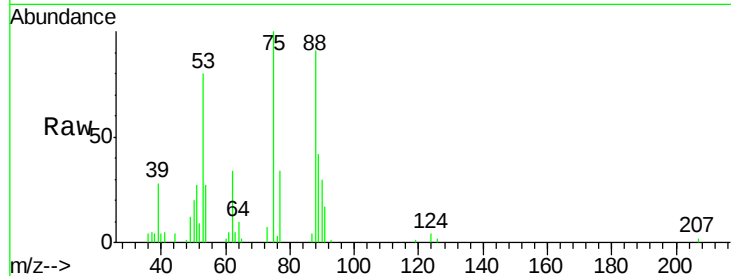
ClientSampleId :

BG-4MSD

Tot Ion:	75	Resp:	7471
Ion	Ratio	Lower	Upper
75	100		
53	70.0	59.8	89.8
89	44.0	37.0	55.6

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#82

4-Chlorotoluene

Concen: 62.166 ug/l

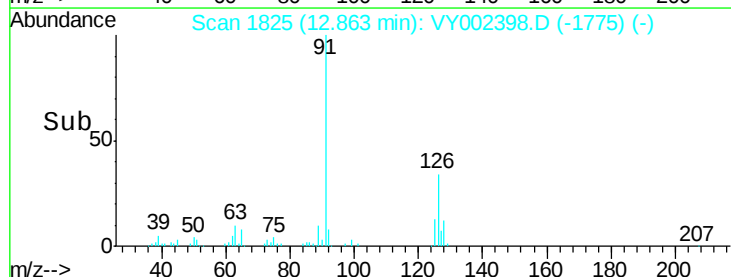
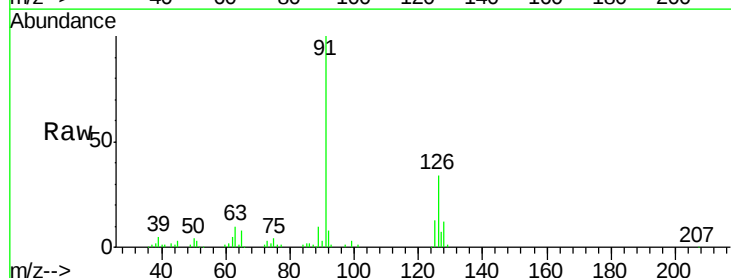
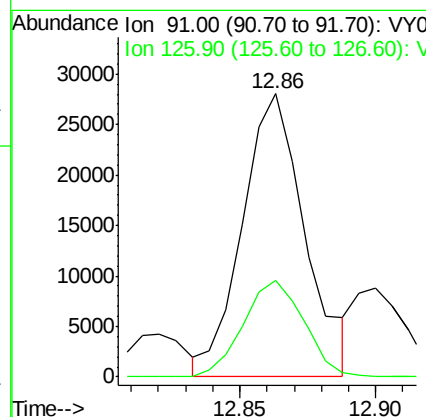
RT: 12.86 min Scan# 1825

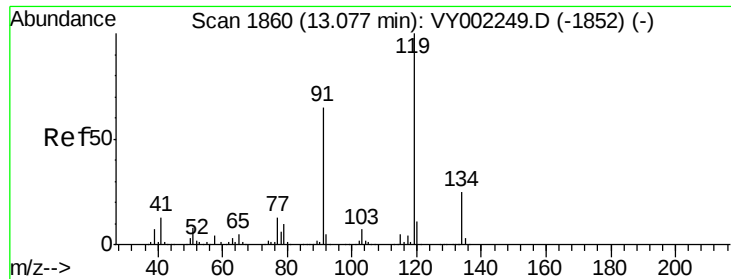
Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Tgt Ion:	91	Resp:	44693
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.9	50.7





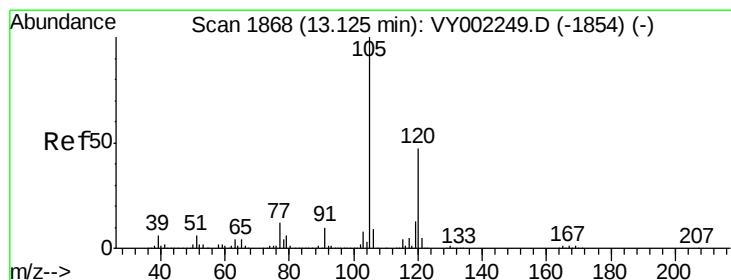
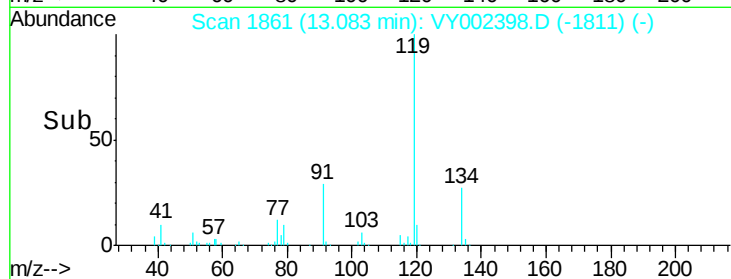
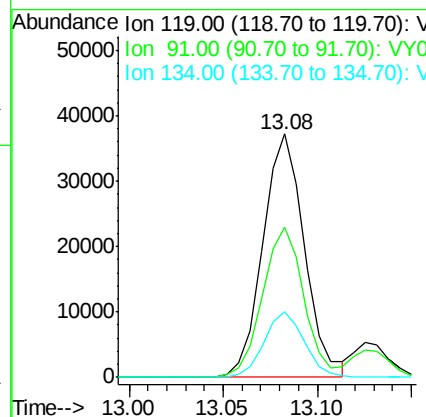
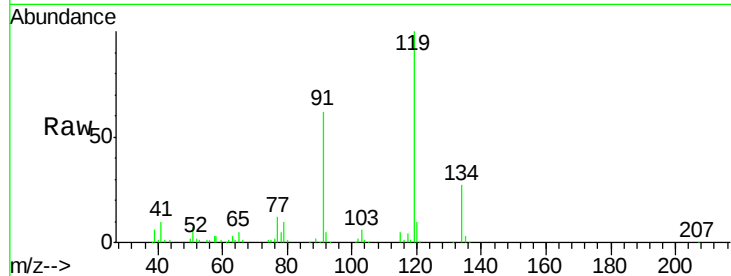
#83
 tert-Butylbenzene
 Concen: 80.826 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	56823		
91	60.9		32.4	97.0
134	26.1		12.6	37.6

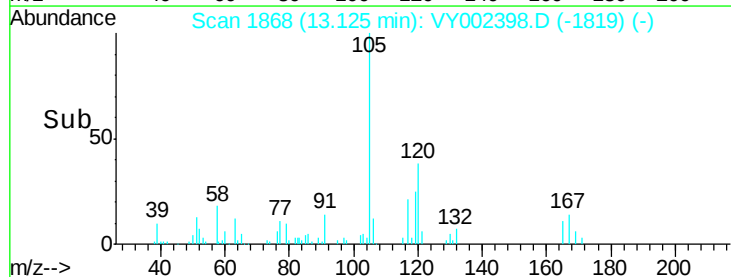
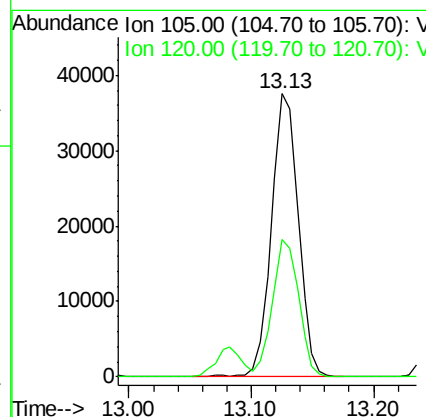
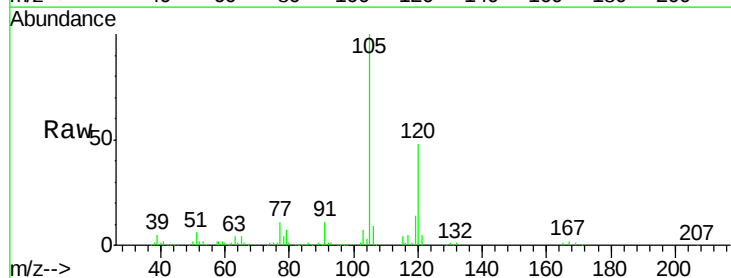
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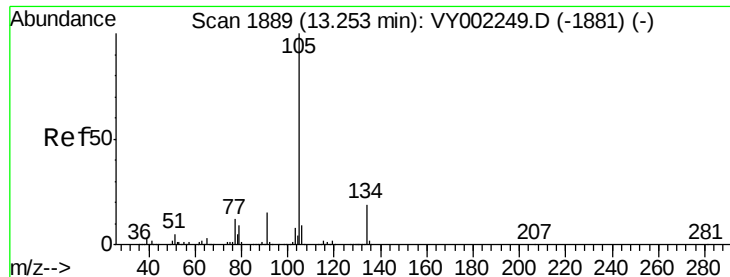
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#84
 1,2,4-Trimethylbenzene
 Concen: 68.532 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	57438		
120	47.2		23.1	69.2





#85

sec-Butylbenzene

Concen: 59.676 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

BG-4MSD

Tot Ion:105 Resp: 62498

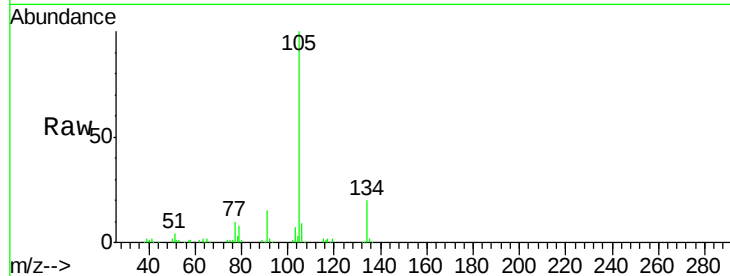
Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3

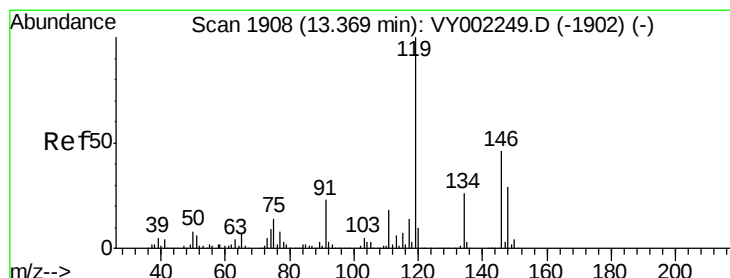
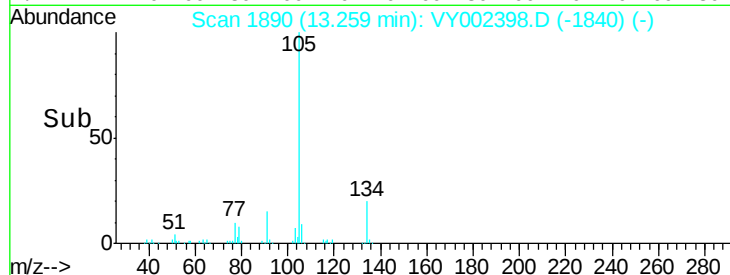
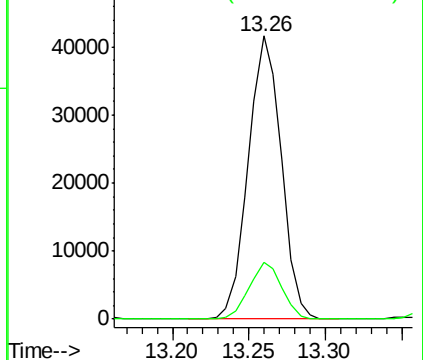
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 33.721 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002398.D

Acq: 17 Apr 2020 14:50

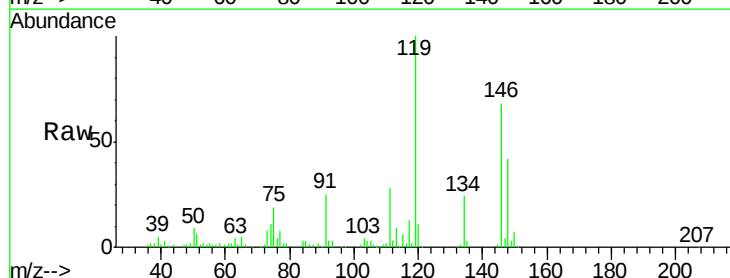
Tgt Ion:119 Resp: 30395

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

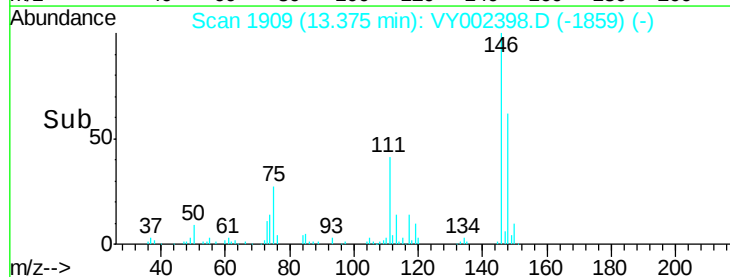
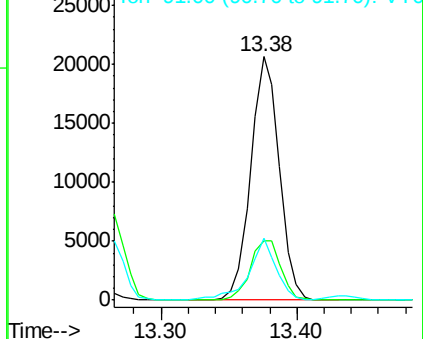
91 24.5 11.5 34.4

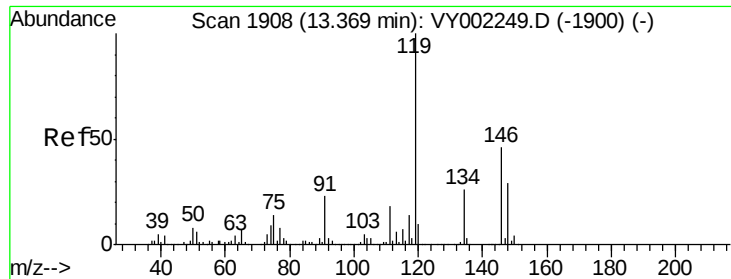


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





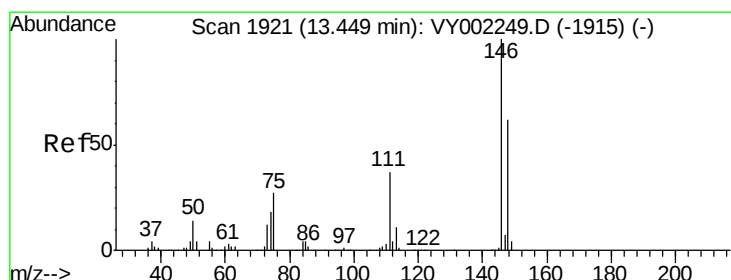
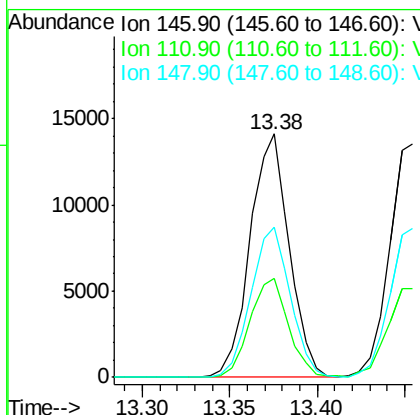
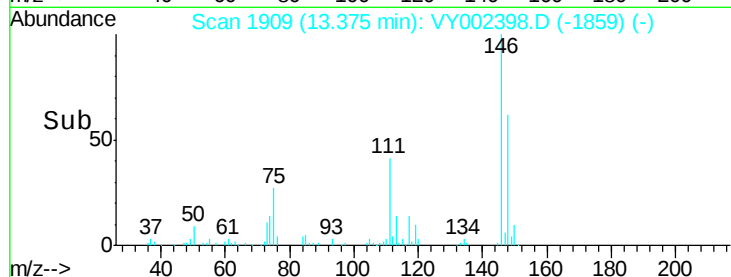
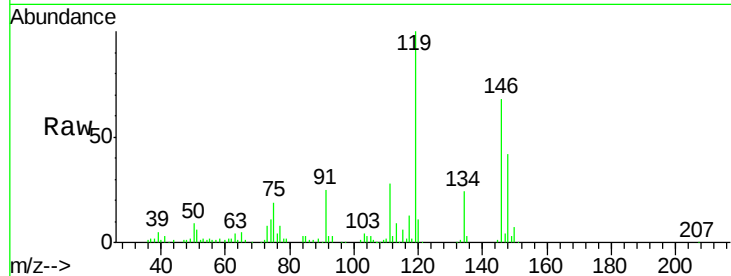
#87
 1,3-Dichlorobenzene
 Concen: 50.796 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	62.2	32.1	96.3

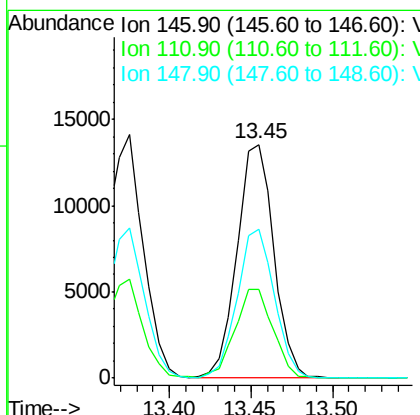
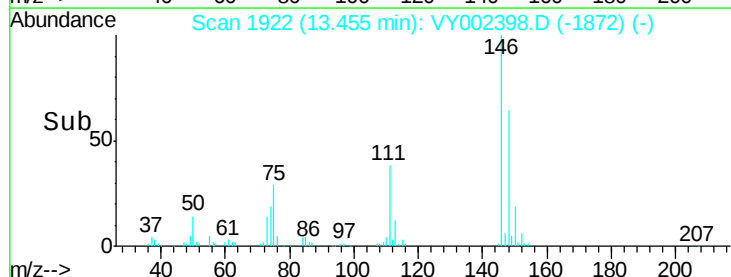
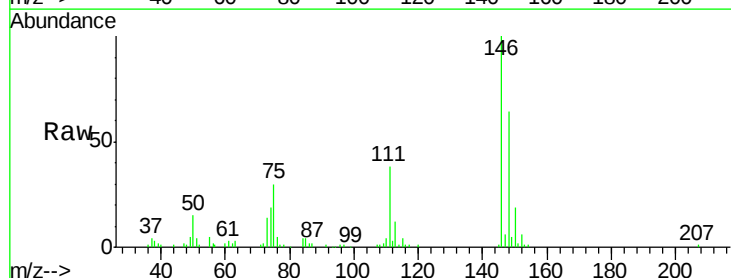
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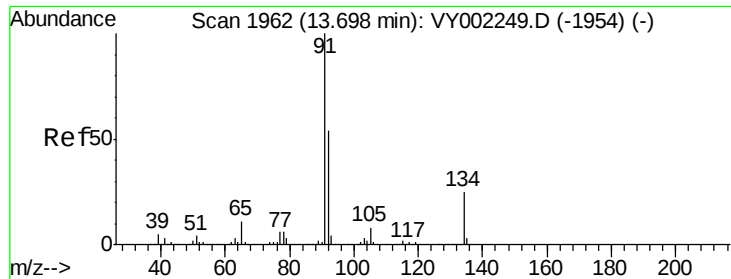
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#88
 1,4-Dichlorobenzene
 Concen: 48.481 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	64.5	32.0	96.0





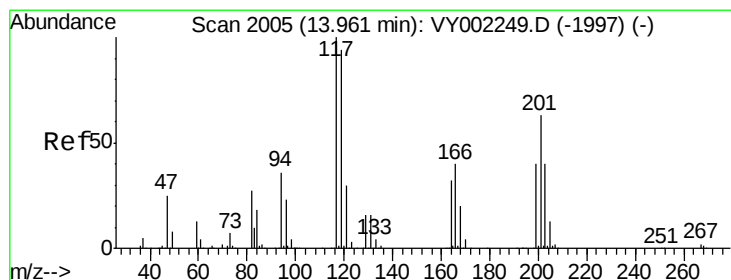
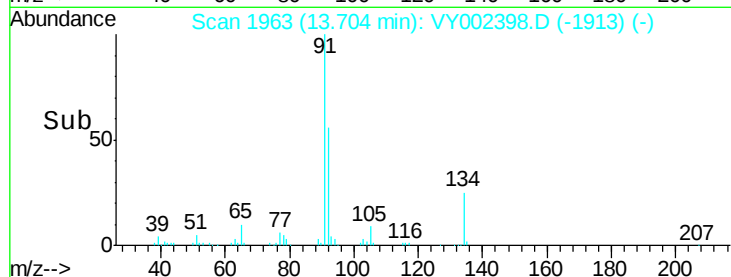
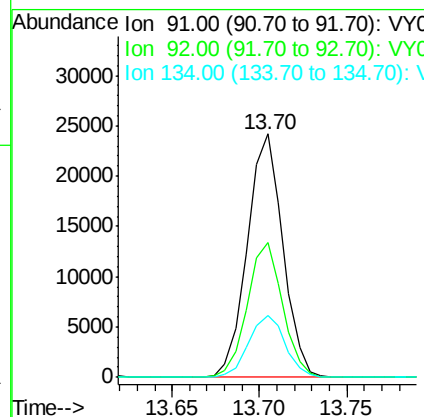
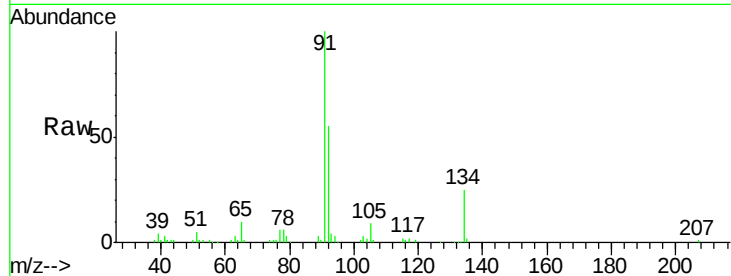
#89
n-Butylbenzene
Concen: 36.818 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.2	81.6
134	26.2	12.7	38.0

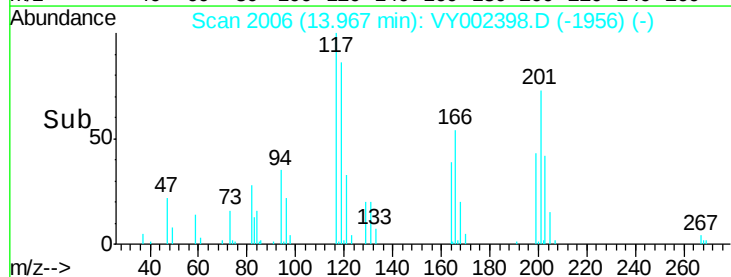
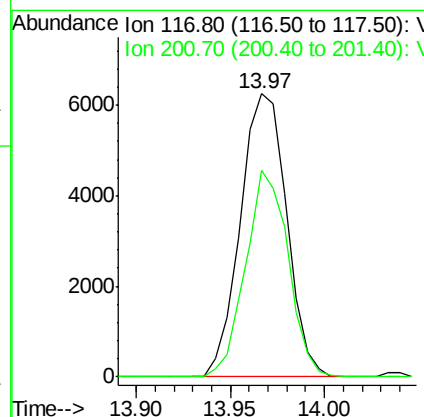
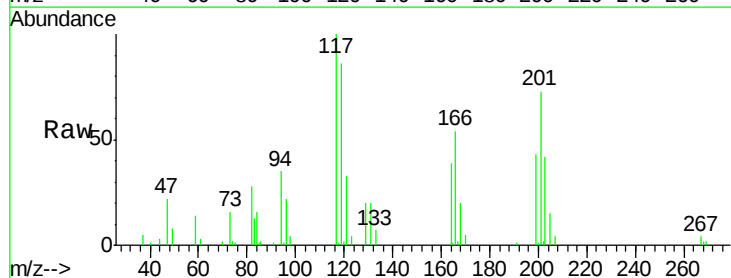
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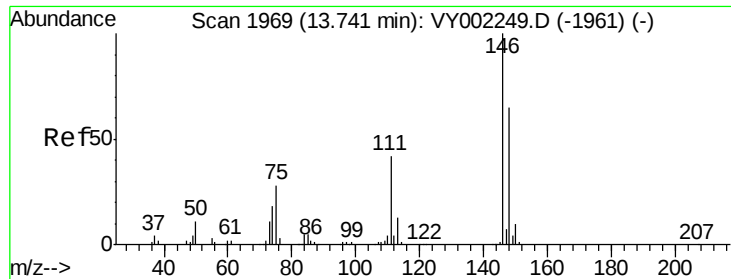
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#90
Hexachloroethane
Concen: 61.917 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.2	33.1	99.2





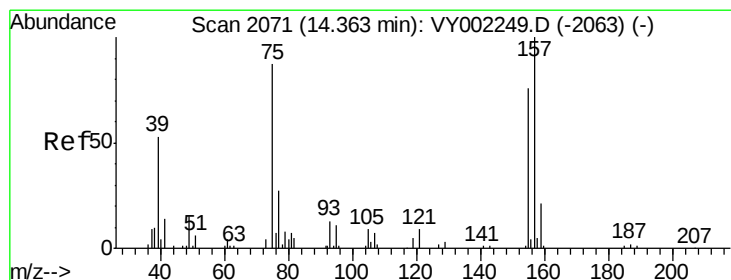
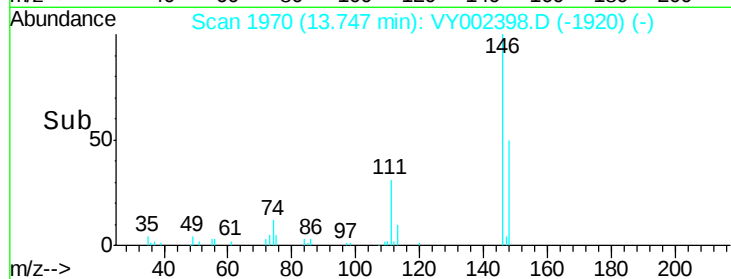
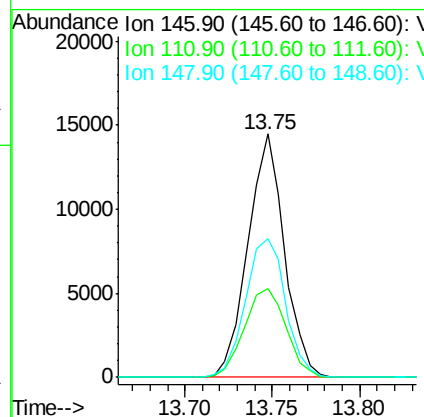
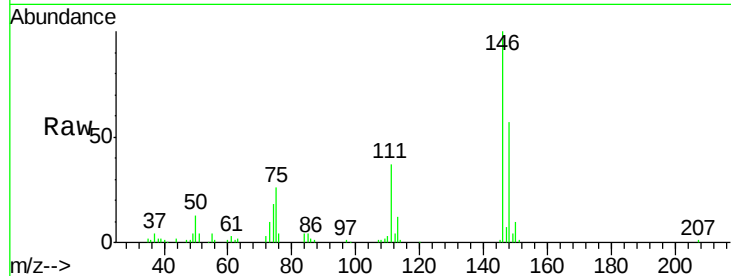
#91
 1,2-Dichlorobenzene
 Concen: 53.137 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.1	63.1
148	62.7	31.9	95.9

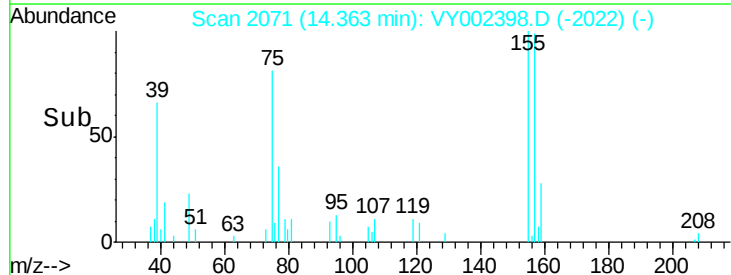
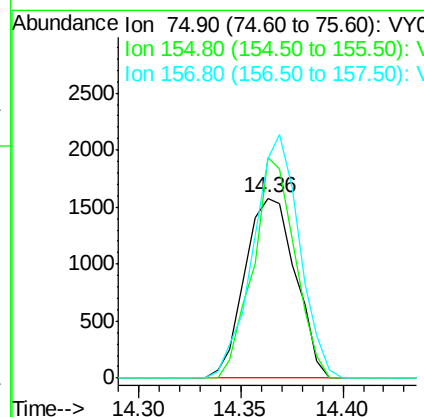
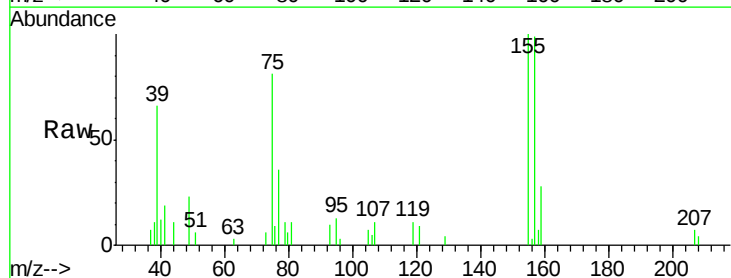
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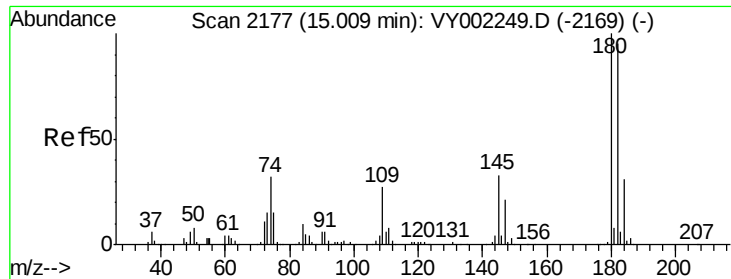
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 91.662 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.6	43.6	130.8
157	123.3	56.0	168.2





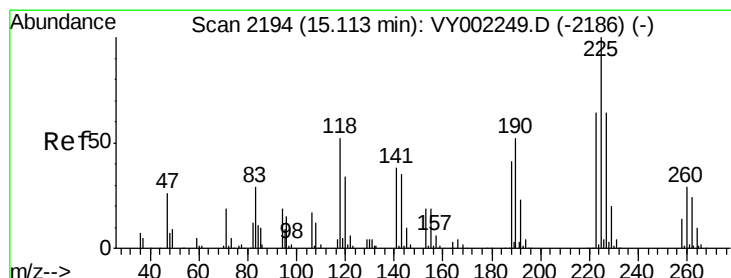
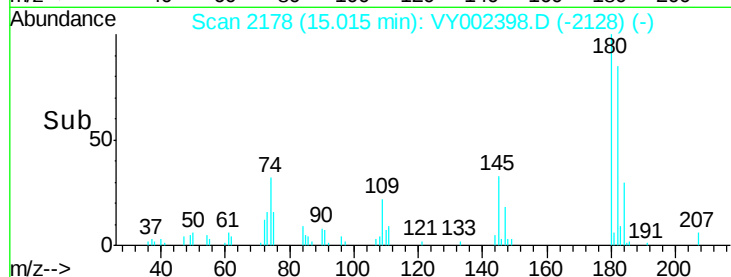
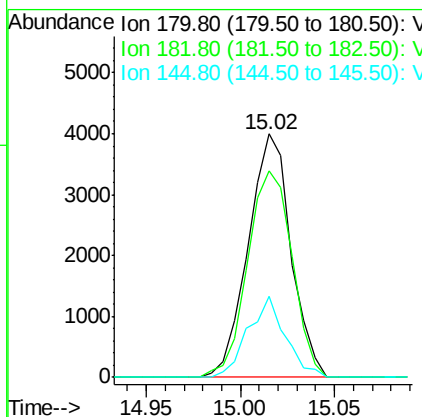
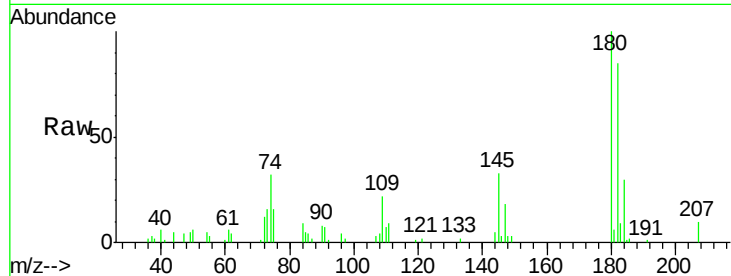
#93
 1,2,4-Trichlorobenzene
 Concen: 24.416 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Instrument :
 MSVOA_Y
 ClientSampled :
 BG-4MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.4	47.9	143.7
145	29.0	16.0	48.0

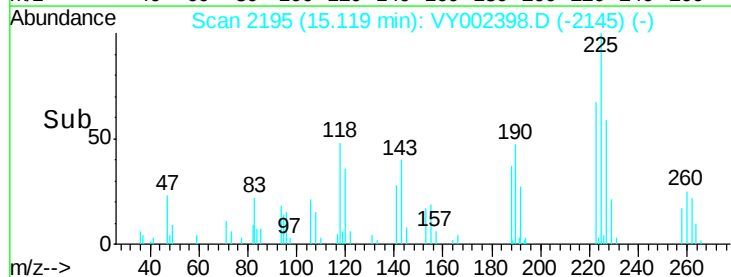
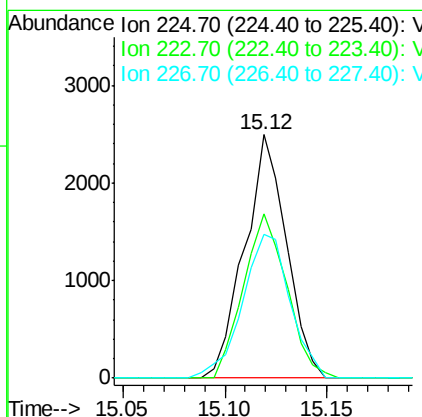
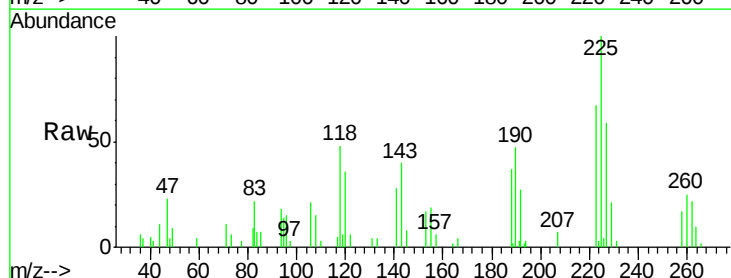
Manual Integrations
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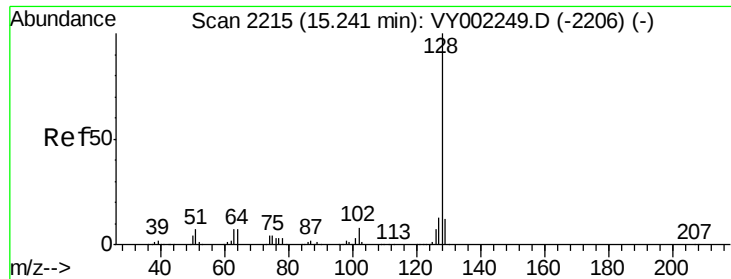
MMDadoda
 4/20/2020 11:41:16 AM



#94
 Hexachlorobutadiene
 Concen: 27.510 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002398.D
 Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.8	31.0	93.0
227	67.1	31.3	93.9





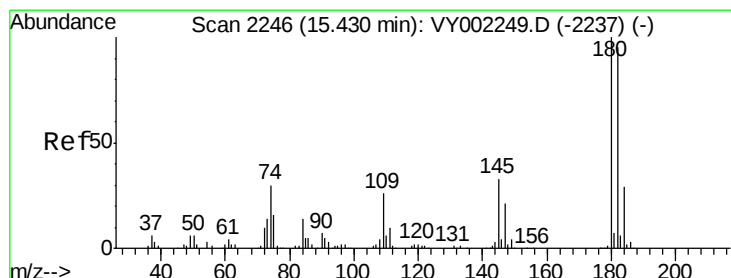
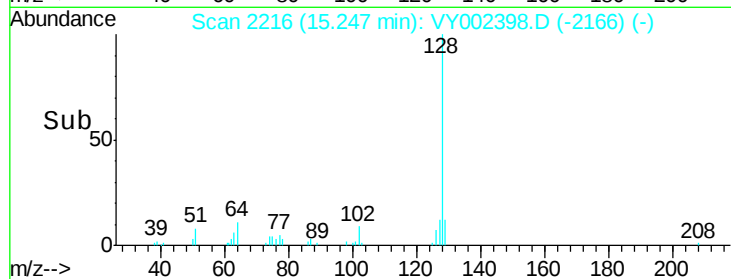
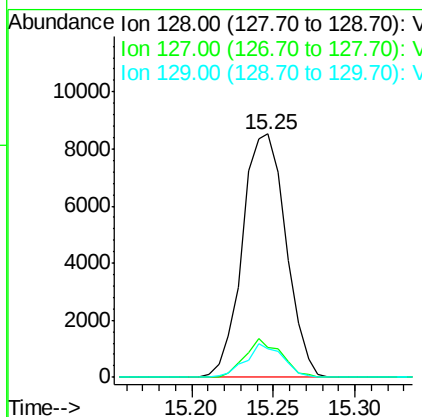
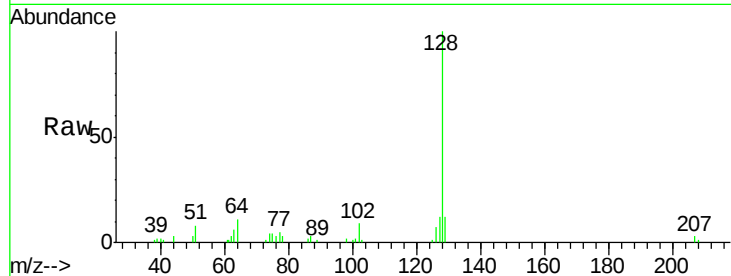
#95
Naphthalene
Concen: 28.092 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BG-4MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	11.7	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.836 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002398.D
Acq: 17 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.1	141.3
145	34.6	16.7	50.1

