

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091819\
 Data File : VY000064.D
 Acq On : 18 Sep 2019 16:41
 Operator : SY/MD
 Sample : VY0918SBS01
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 12:40:07 AM

Quant Time: Sep 19 05:11:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:28:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	101575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	204624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	174603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	73814	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	59198	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
35) Dibromofluoromethane	7.72	113	57813	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
50) Toluene-d8	10.18	98	239042	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.48	95	84784	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	16917	21.451	ug/l	96
3) Chloromethane	2.11	50	22539	20.190	ug/l	93
4) Vinyl Chloride	2.25	62	25620	22.605	ug/l	98
5) Bromomethane	2.62	94	15933	20.554	ug/l	98
6) Chloroethane	2.78	64	17660	23.245	ug/l #	86
7) Trichlorofluoromethane	3.12	101	35308	22.531	ug/l	98
8) Diethyl Ether	3.53	74	14540	21.670	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	24291	22.594	ug/l	99
10) Methyl Iodide	4.08	142	23167	20.721	ug/l	97
11) Tert butyl alcohol	4.97	59	16992	122.649	ug/l	97
12) 1,1-Dichloroethene	3.86	96	20948	21.136	ug/l	87
13) Acrolein	3.73	56	10315	134.004	ug/l	98
14) Allyl chloride	4.48	41	33283	21.972	ug/l	99
15) Acrylonitrile	5.17	53	46334	115.157	ug/l	97
16) Acetone	3.95	43	32985	121.226	ug/l	96
17) Carbon Disulfide	4.18	76	42384	22.270	ug/l	96
18) Methyl Acetate	4.48	43	20516	22.569	ug/l	98
19) Methyl tert-butyl Ether	5.21	73	71124	22.964	ug/l	97
20) Methylene Chloride	4.71	84	28416	22.200	ug/l	98
21) trans-1,2-Dichloroethene	5.21	96	24012	21.795	ug/l	97
22) Diisopropyl ether	6.12	45	78074	22.813	ug/l	94
23) Vinyl Acetate	6.06	43	261131	114.004	ug/l	98
24) 1,1-Dichloroethane	6.02	63	46837	23.122	ug/l	96
25) 2-Butanone	6.99	43	55176	111.956	ug/l	95
26) 2,2-Dichloropropane	6.98	77	42246	22.099	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	31634	22.678	ug/l	99
28) Bromochloromethane	7.33	49	18086	19.262	ug/l	95
29) Tetrahydrofuran	7.35	42	34576	116.866	ug/l	99
30) Chloroform	7.51	83	47732	22.834	ug/l	87
31) Cyclohexane	7.78	56	36405	22.878	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	38815	22.860	ug/l	98
36) 1,1-Dichloropropene	7.92	75	33264	21.741	ug/l	97
37) Ethyl Acetate	7.08	43	20953	20.545	ug/l	94
38) Carbon Tetrachloride	7.90	117	31016	21.478	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	40325	21.434	ug/l	97
40) Benzene	8.16	78	110890	21.943	ug/l	95
41) Methacrylonitrile	7.31	41	13423	20.223	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	29495	22.035	ug/l	98
43) Isopropyl Acetate	8.28	43	43093	21.605	ug/l	97
44) Trichloroethene	8.94	130	26597	20.602	ug/l	93
45) 1,2-Dichloropropane	9.21	63	29056	22.196	ug/l	95
46) Dibromomethane	9.31	93	15633	21.863	ug/l	97
47) Bromodichloromethane	9.49	83	38154	21.989	ug/l	98
48) Methyl methacrylate	9.29	41	17689	20.165	ug/l	90
49) 1,4-Dioxane	9.30	88	5416	390.123	ug/l #	83
51) 4-Methyl-2-Pentanone	10.07	43	117011	107.447	ug/l	100
52) Toluene	10.24	92	69616	21.683	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	38785	21.082	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	45542	21.437	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	25146	22.431	ug/l	97
56) Ethyl methacrylate	10.51	69	35206	22.070	ug/l	99
57) 1,3-Dichloropropane	10.79	76	41332	21.949	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	91252	105.823	ug/l	99
59) 2-Hexanone	10.84	43	83600	107.605	ug/l	98
60) Dibromochloromethane	10.98	129	25303	21.545	ug/l	97
61) 1,2-Dibromoethane	11.09	107	21290	20.792	ug/l	100
64) Tetrachloroethene	10.71	164	23258	21.223	ug/l	95
65) Chlorobenzene	11.51	112	74645	21.613	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	25741	22.043	ug/l	99
67) Ethyl Benzene	11.59	91	133969	21.735	ug/l	97
68) m/p-Xylenes	11.70	106	103552	44.153	ug/l	100
69) o-Xylene	12.02	106	50091	22.058	ug/l	100
70) Styrene	12.04	104	86810	21.775	ug/l	99
71) Bromoform	12.20	173	14495	21.441	ug/l #	98
73) Isopropylbenzene	12.33	105	131916	22.176	ug/l	99
74) N-amyl acetate	12.14	43	37768	22.286	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	31244	22.312	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	22519m	21.683	ug/l	
77) Bromobenzene	12.60	156	27645	22.256	ug/l	99
78) n-propylbenzene	12.66	91	161325	22.232	ug/l	99
79) 2-Chlorotoluene	12.75	91	90695	22.357	ug/l	98
80) 1,3,5-Trimethylbenzene	12.80	105	110087	22.341	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.37	75	11918	22.070	ug/l	100
82) 4-Chlorotoluene	12.85	91	92331	22.011	ug/l	100
83) tert-Butylbenzene	13.07	119	94145	22.331	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	110423	22.730	ug/l	98
85) sec-Butylbenzene	13.25	105	138692	22.267	ug/l	100
86) p-Isopropyltoluene	13.37	119	117561	22.267	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	54787	22.235	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	54194	21.888	ug/l	96
89) n-Butylbenzene	13.69	91	118965	21.903	ug/l	99
90) Hexachloroethane	13.96	117	23535	22.684	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	50626	21.869	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	5563	22.313	ug/l	94

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MSVOA_Y
ClientSampleId :
VY0918SBSD01

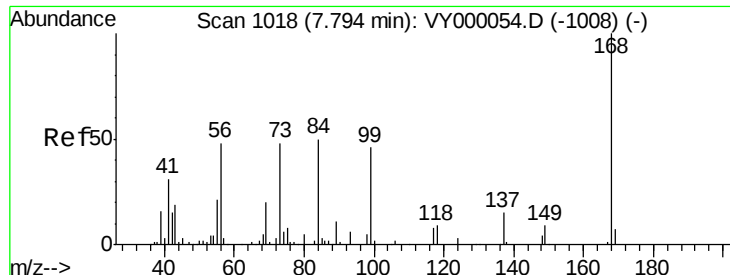
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	31845	22.797	ug/l	98
94) Hexachlorobutadiene	15.10	225	13615	20.300	ug/l	92
95) Naphthalene	15.23	128	89132	22.477	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	30171	22.632	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion:168 Resp: 101575

Ion Ratio Lower Upper

168 100

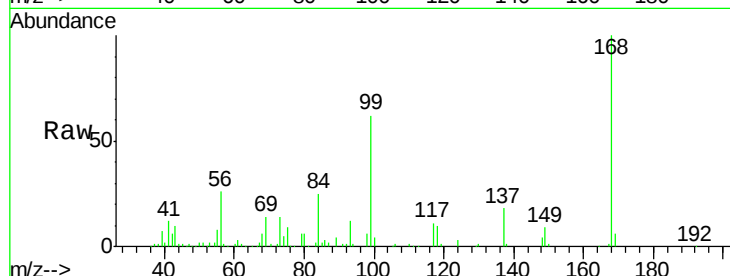
99 62.3 44.2 66.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.79

40000

30000

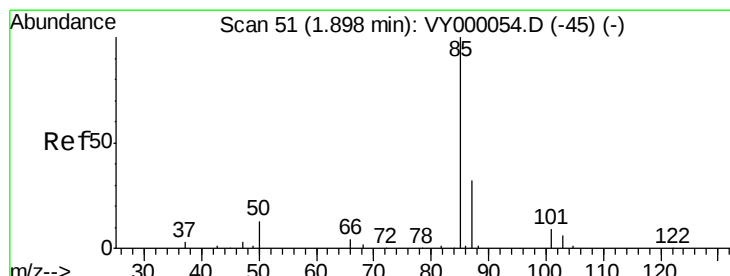
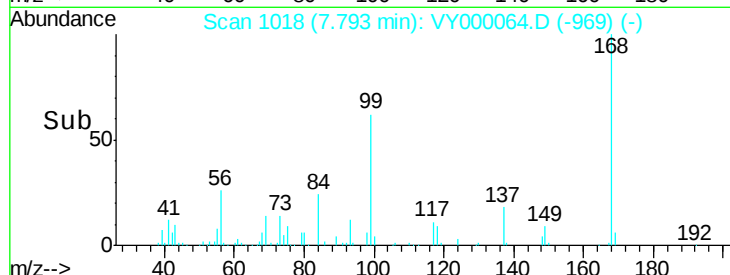
20000

10000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.451 ug/l

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000064.D

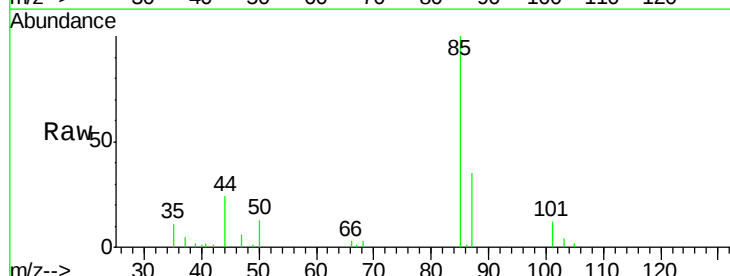
Acq: 18 Sep 2019 16:41

Tgt Ion: 85 Resp: 16917

Ion Ratio Lower Upper

85 100

87 34.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

12000

10000

8000

6000

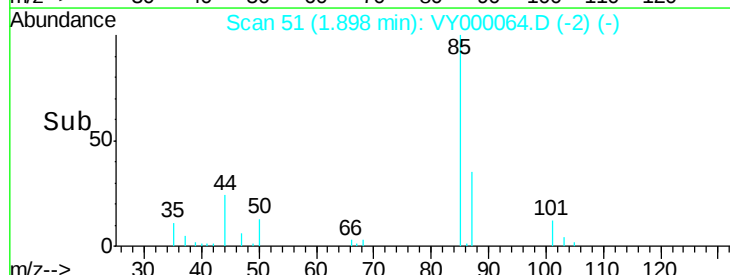
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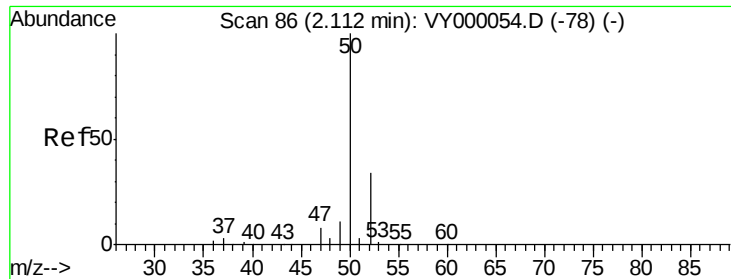
2000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.190 ug/l

RT: 2.11 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion: 50 Resp: 22539

Ion Ratio Lower Upper

50 100

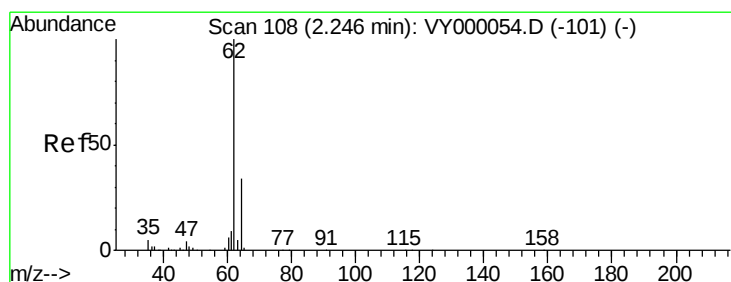
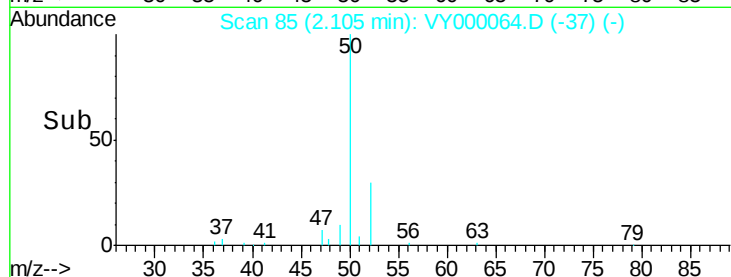
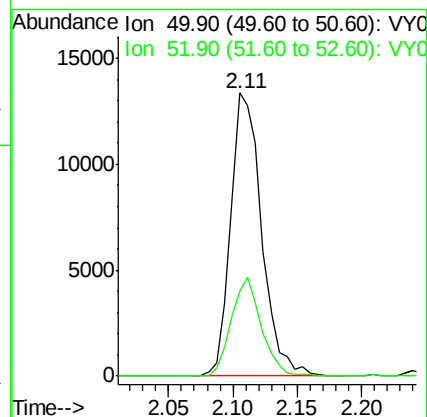
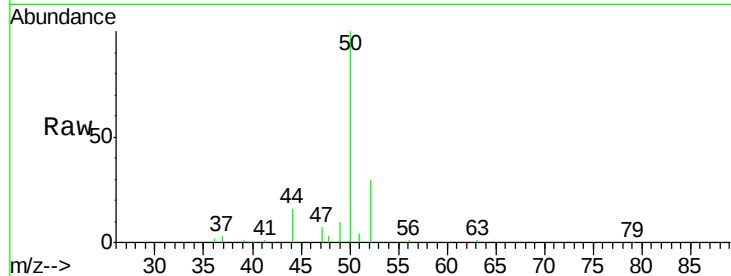
52 30.1 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.605 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000064.D

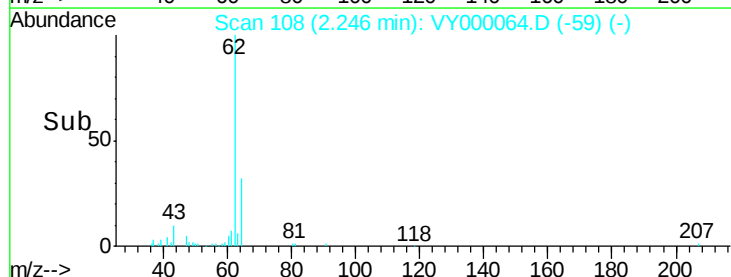
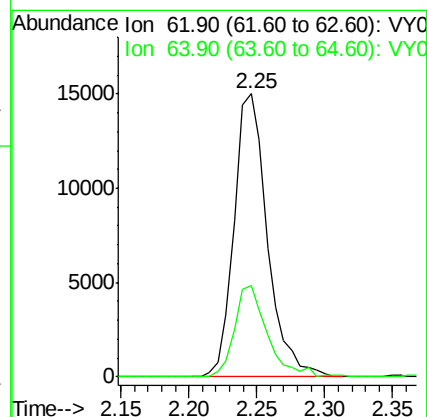
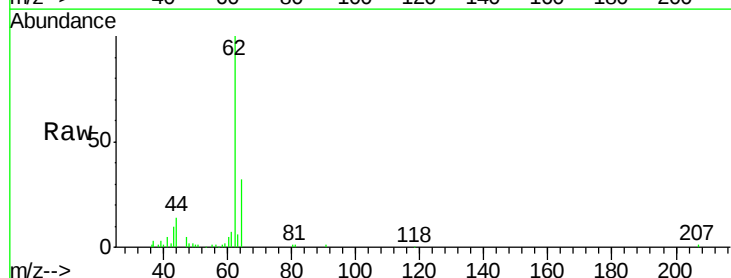
Acq: 18 Sep 2019 16:41

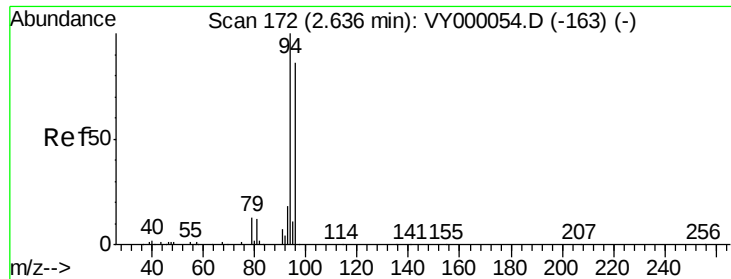
Tgt Ion: 62 Resp: 25620

Ion Ratio Lower Upper

62 100

64 32.4 26.9 40.3





#5

Bromomethane

Concen: 20.554 ug/l

RT: 2.62 min Scan# 170

Delta R.T. -0.01 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion: 94 Resp: 15933

Ion Ratio Lower Upper

94 100

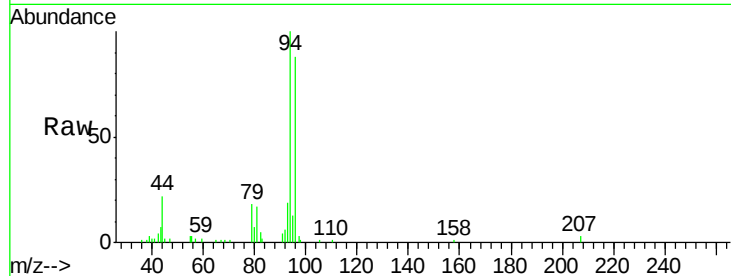
96 87.8 69.1 103.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

8000

6000

4000

2000

0

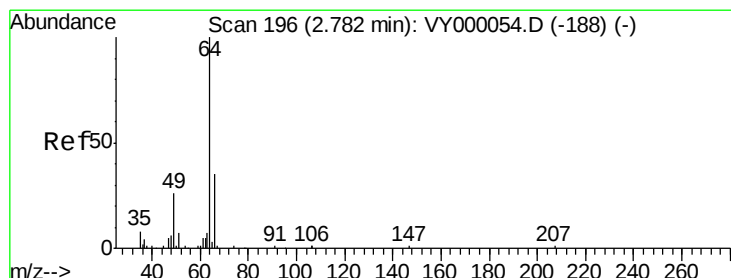
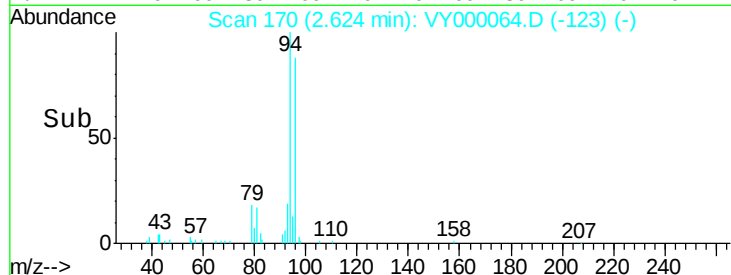
Time-->

2.55

2.60

2.65

2.70



#6

Chloroethane

Concen: 23.245 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VY000064.D

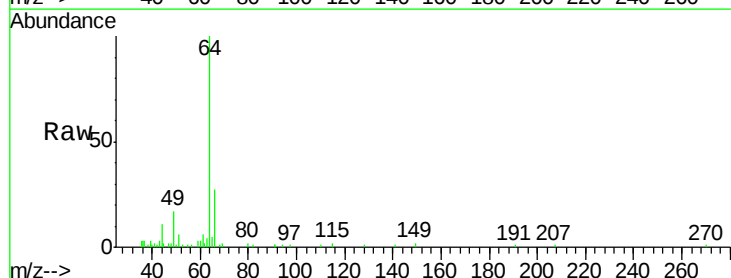
Acq: 18 Sep 2019 16:41

Tgt Ion: 64 Resp: 17660

Ion Ratio Lower Upper

64 100

66 26.7 27.7 41.5#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

10000

8000

6000

4000

2000

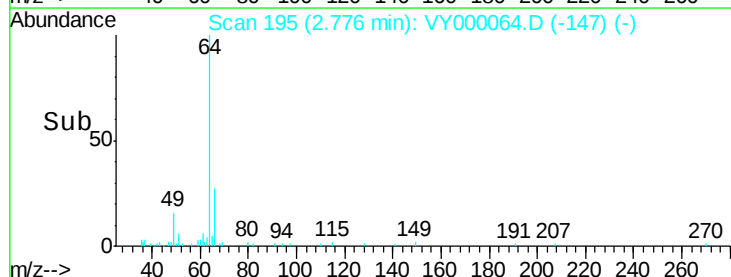
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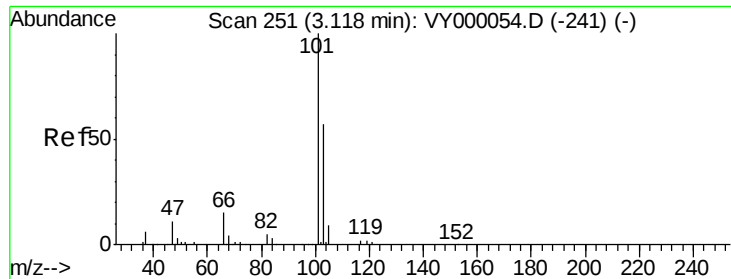
Time-->

2.70

2.80

2.90





#7

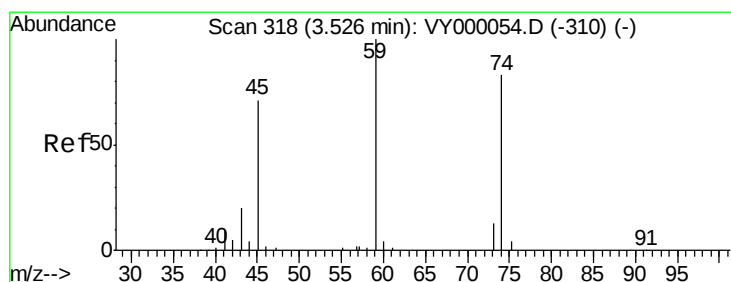
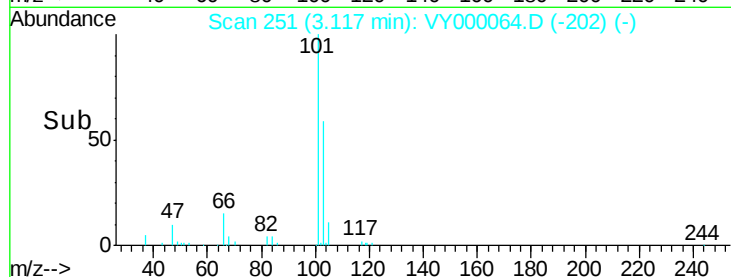
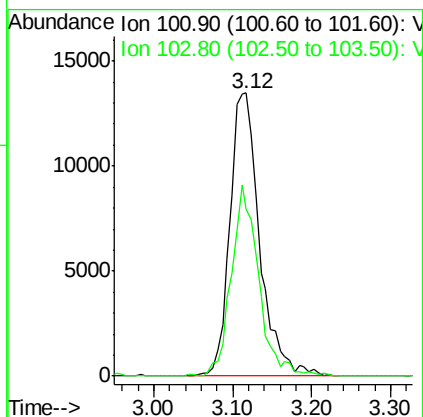
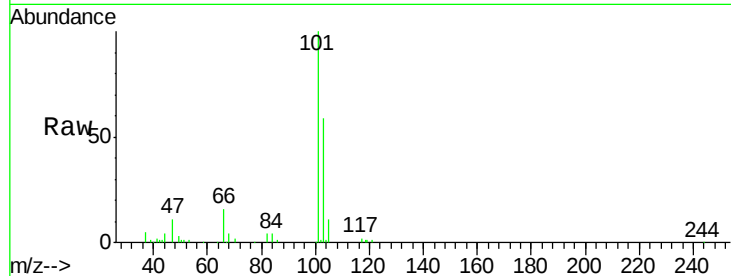
Trichlorofluoromethane
Concen: 22.531 ug/l
RT: 3.12 min Scan# 251
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion:101 Resp: 35308
Ion Ratio Lower Upper
101 100
103 58.9 45.7 68.5

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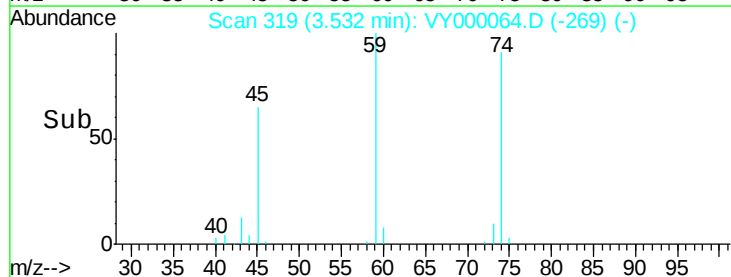
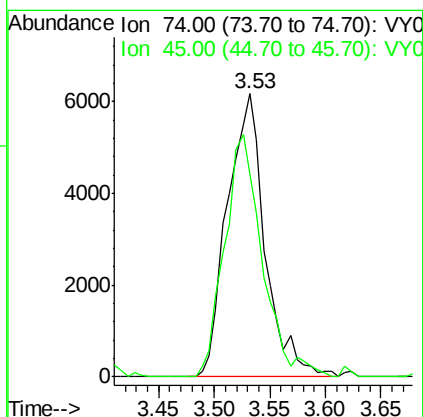
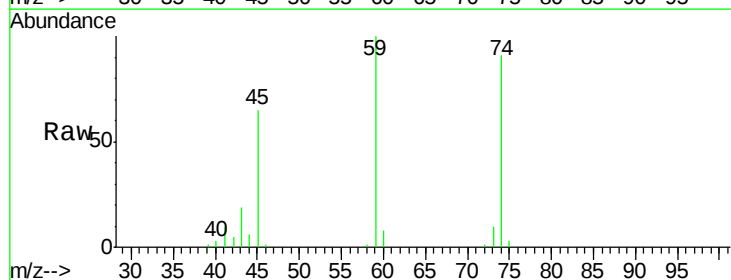
MMDadoda
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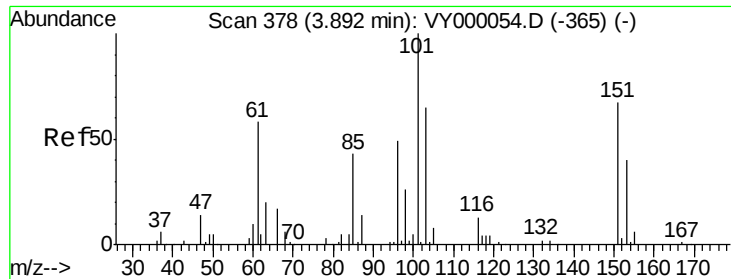


#8

Diethyl Ether
Concen: 21.670 ug/l
RT: 3.53 min Scan# 319
Delta R.T. 0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion: 74 Resp: 14540
Ion Ratio Lower Upper
74 100
45 85.4 40.6 122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.594 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Instrument :

MSVOA_Y

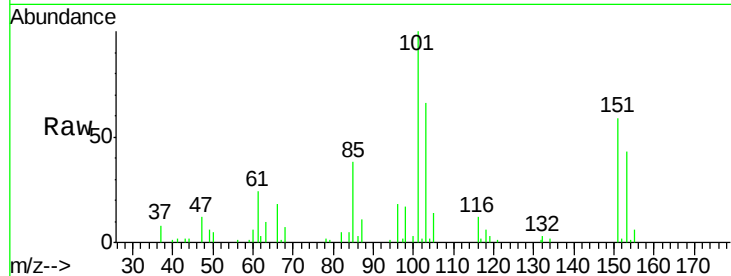
ClientSampleId :

VY0918SBS01

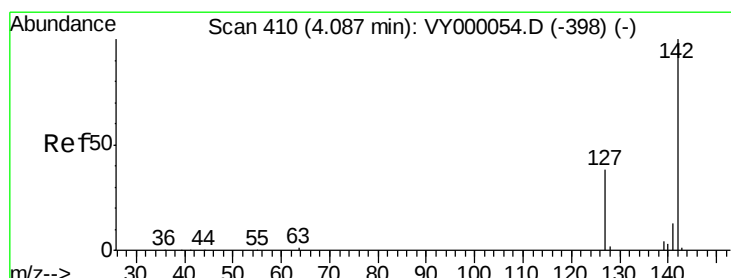
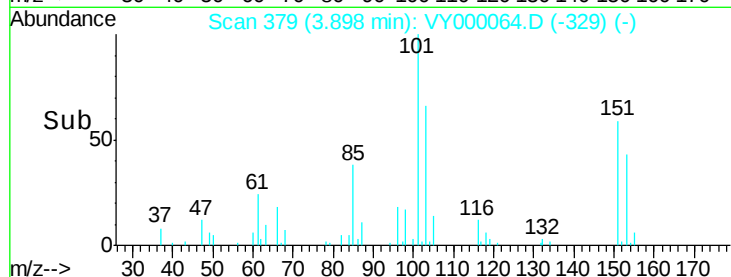
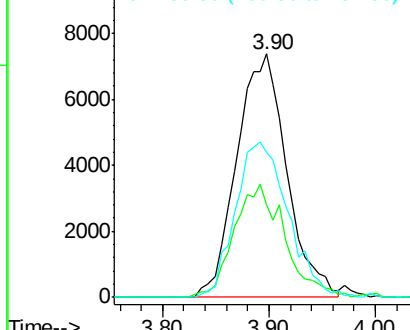
Tot Ion:	101	Resp:	24291
Ion Ratio	Lower	Upper	
101	100		
85	46.9	36.8	55.2
151	67.2	54.4	81.6

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.721 ug/l

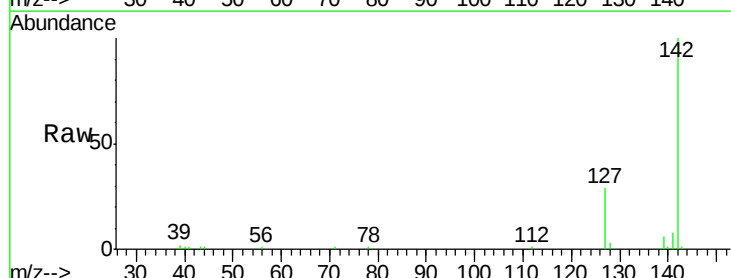
RT: 4.08 min Scan# 409

Delta R.T. -0.01 min

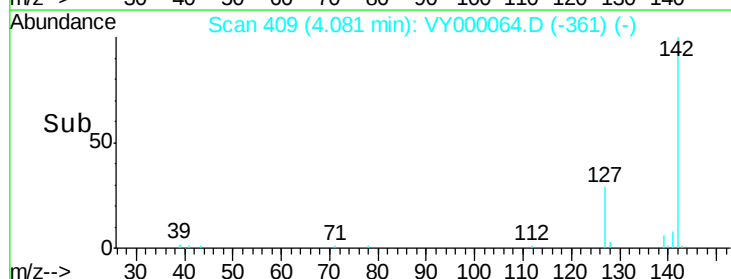
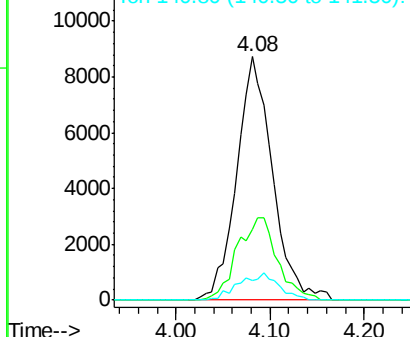
Lab File: VY000064.D

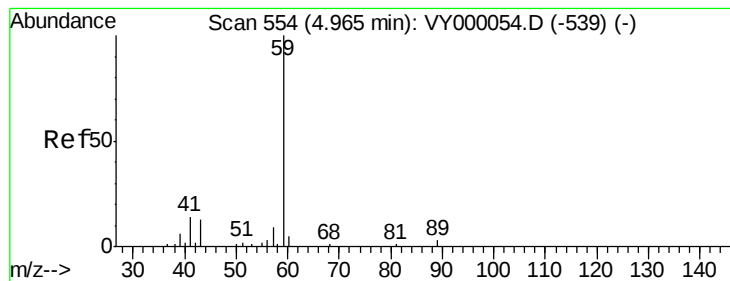
Acq: 18 Sep 2019 16:41

Tgt Ion:	142	Resp:	23167
Ion Ratio	Lower	Upper	
142	100		
127	37.8	31.6	47.4
141	12.3	10.9	16.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

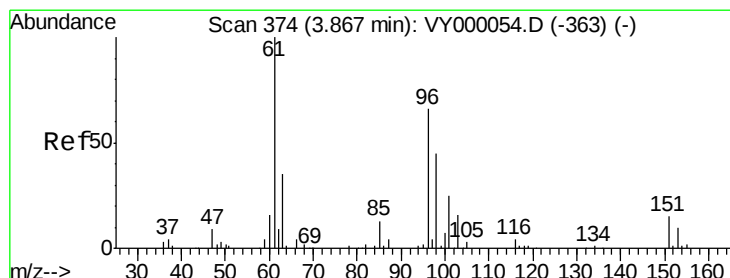
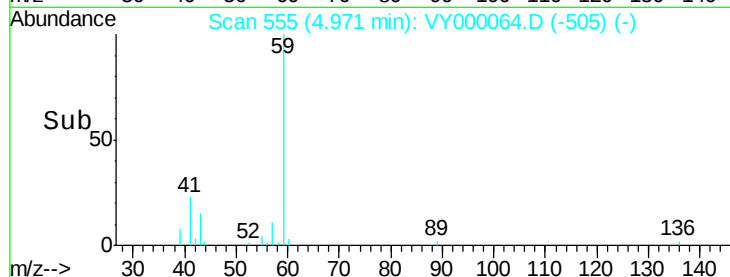
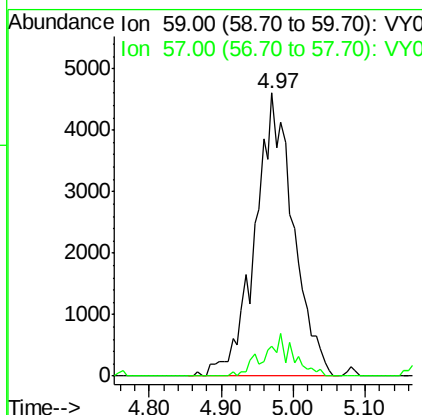
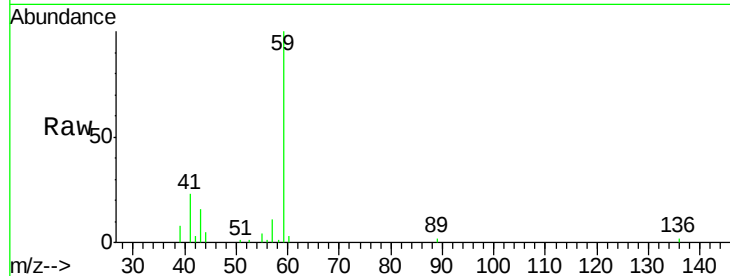
Tert butyl alcohol
 Concen: 122.649 ug/l
 RT: 4.97 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	16992		
57	8.9		8.0	12.0

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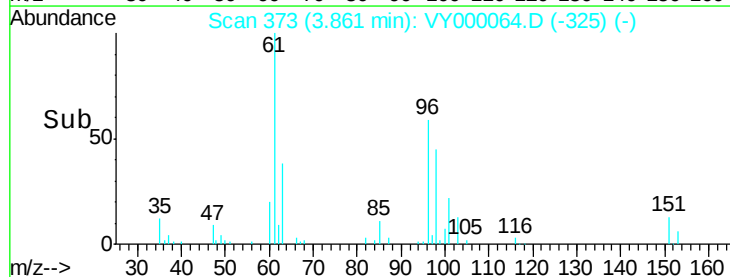
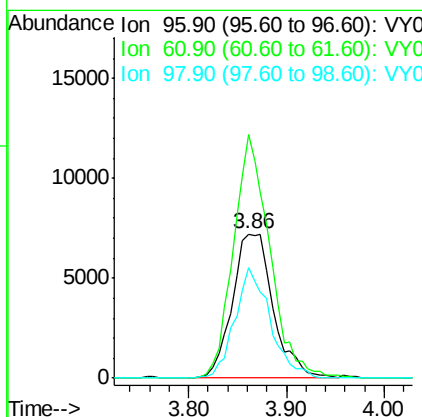
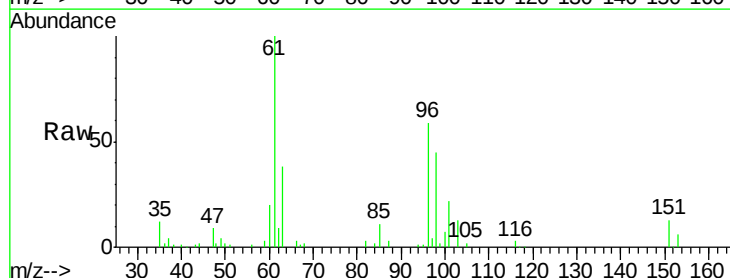
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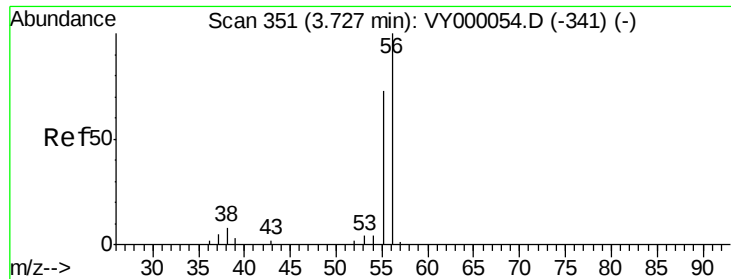


#12

1,1-Dichloroethene
 Concen: 21.136 ug/l
 RT: 3.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	20948		
61	168.6		120.4	180.6
98	76.7		54.1	81.1





#13

Acrolein

Concen: 134.004 ug/l

RT: 3.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion: 56 Resp: 10315

Ion Ratio Lower Upper

56 100

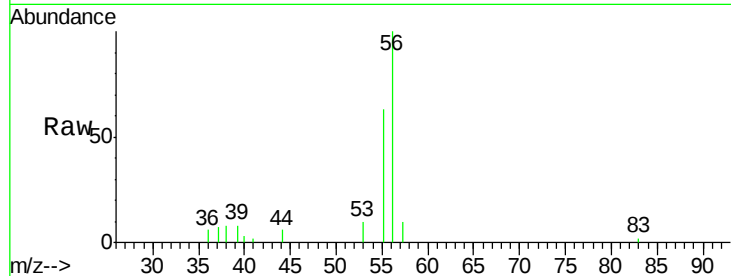
55 70.6 57.8 86.8

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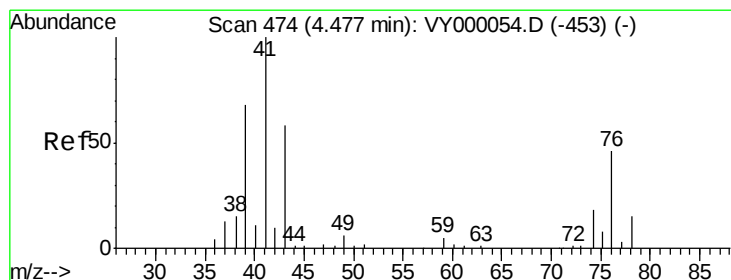
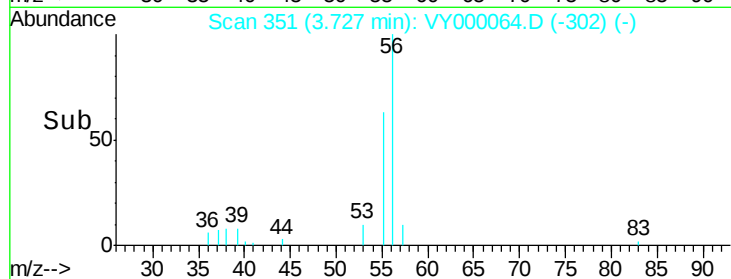
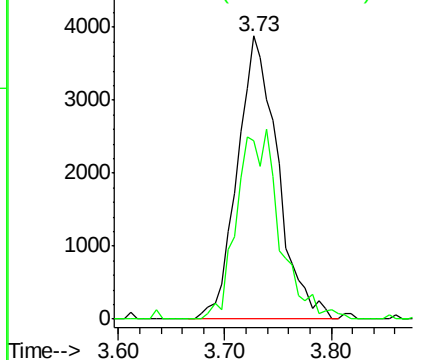
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.972 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

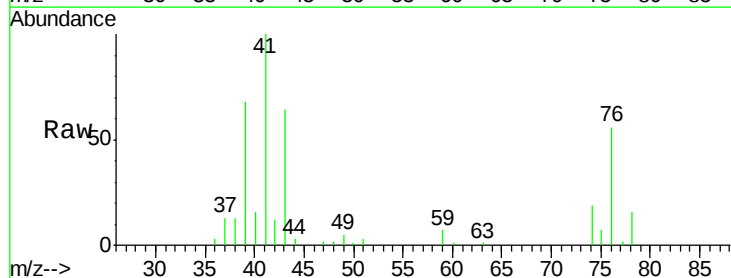
Tgt Ion: 41 Resp: 33283

Ion Ratio Lower Upper

41 100

39 67.2 52.7 79.1

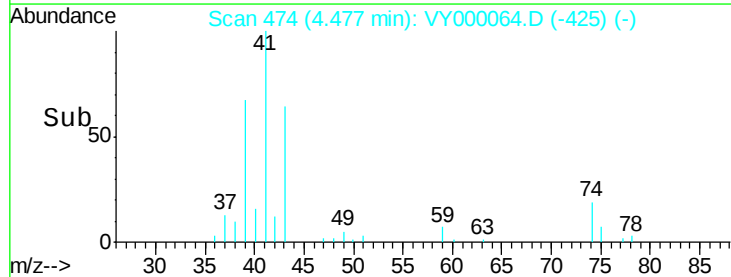
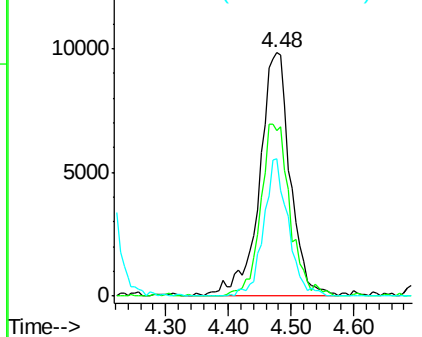
76 45.2 35.5 53.3

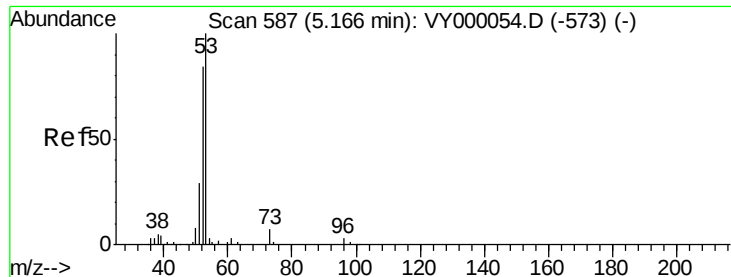


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 115.157 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.00 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Instrument :

MSVOA_Y

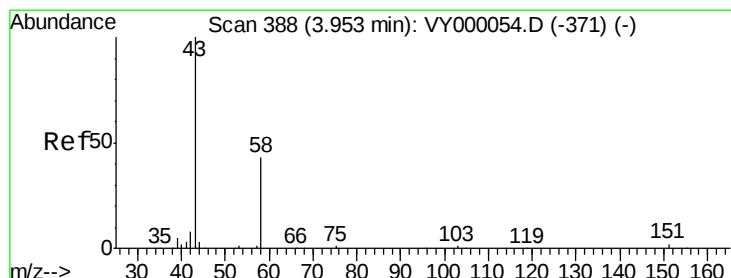
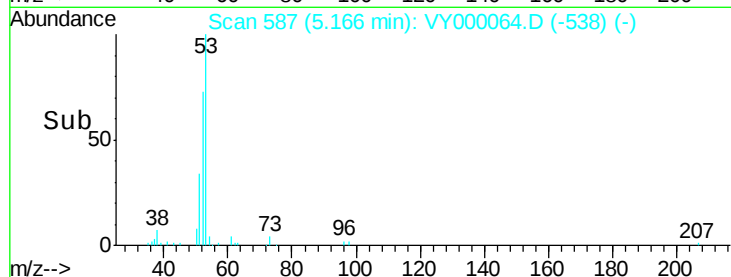
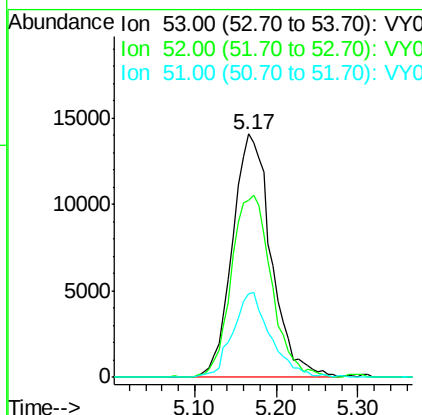
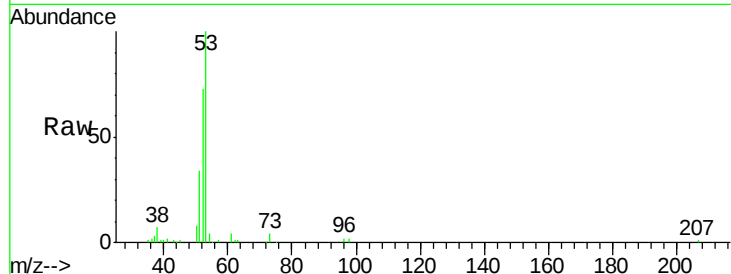
ClientSampleId :

VY0918SBS01

Tot Ion:	53	Resp:	46334
Ion	Ratio	Lower	Upper
53	100		
52	77.6	64.7	97.1
51	33.9	26.7	40.1

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#16

Acetone

Concen: 121.226 ug/l

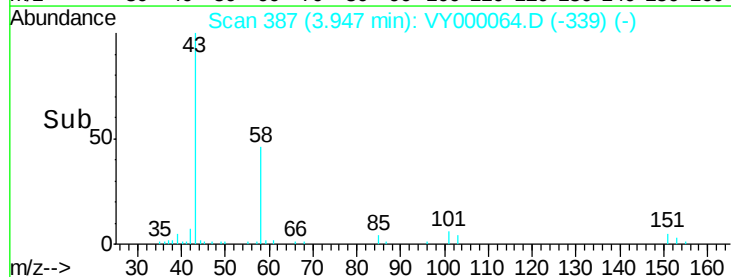
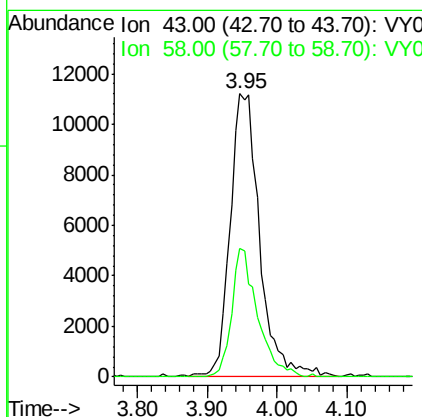
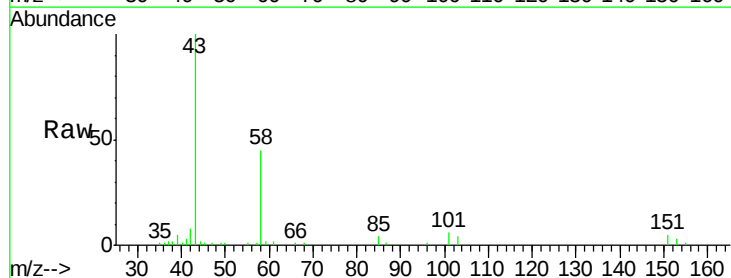
RT: 3.95 min Scan# 387

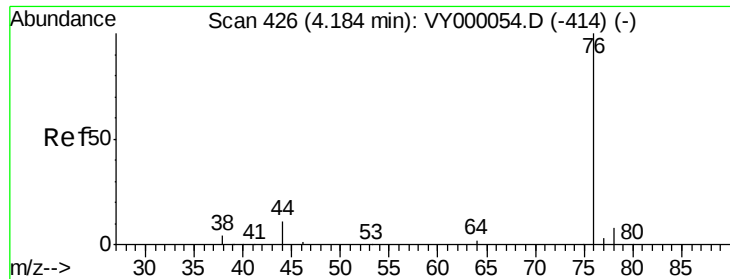
Delta R.T. -0.01 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Tgt Ion:	43	Resp:	32985
Ion	Ratio	Lower	Upper
43	100		
58	45.4	34.5	51.7





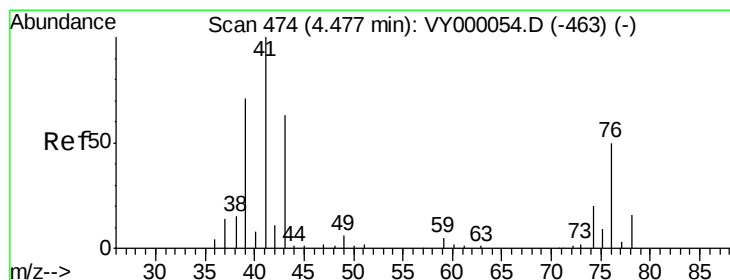
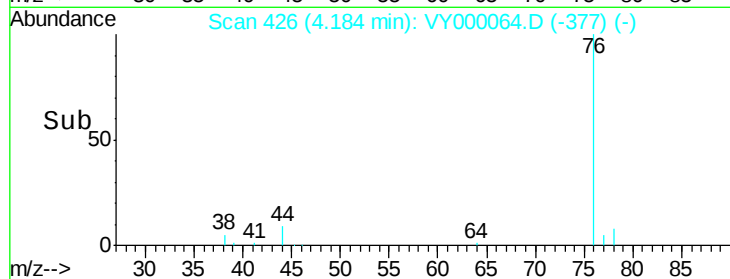
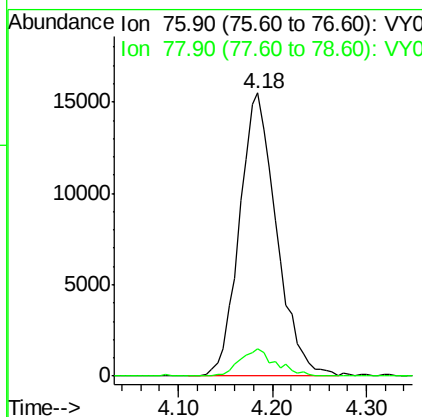
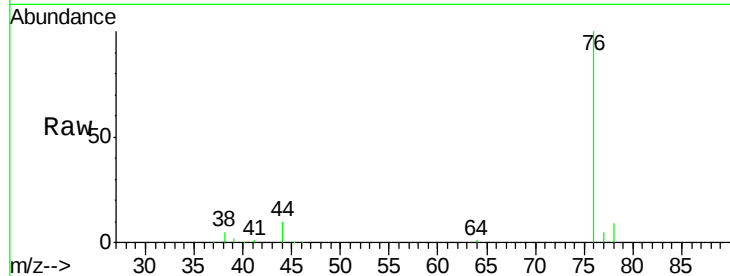
#17
Carbon Disulfide
Concen: 22.270 ug/l
RT: 4.18 min Scan# 426
Delta R.T. 0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion: 76 Resp: 42384
Ion Ratio Lower Upper
76 100
78 9.5 6.6 9.8

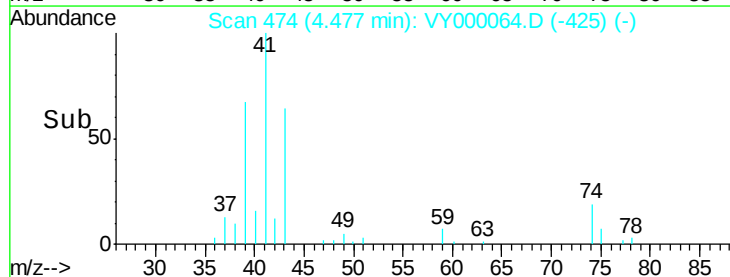
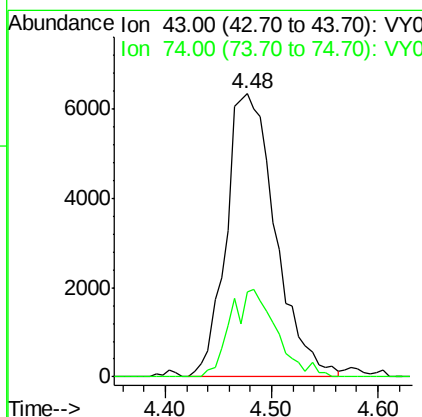
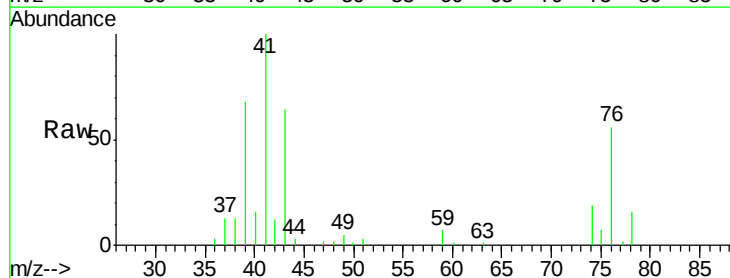
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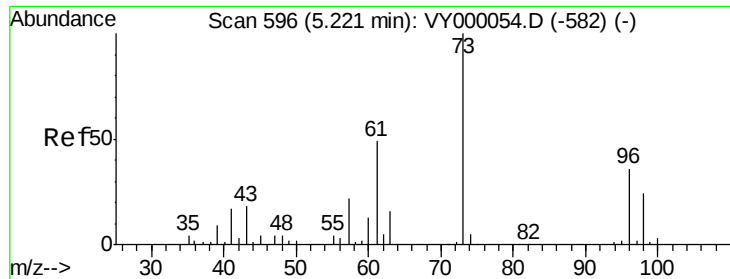
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#18
Methyl Acetate
Concen: 22.569 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion: 43 Resp: 20516
Ion Ratio Lower Upper
43 100
74 29.1 24.1 36.1





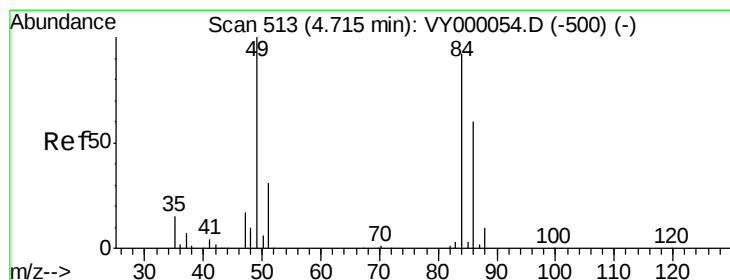
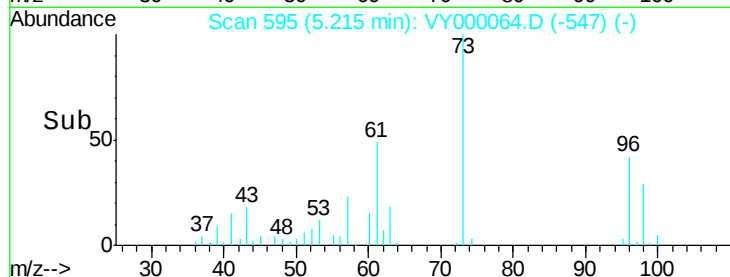
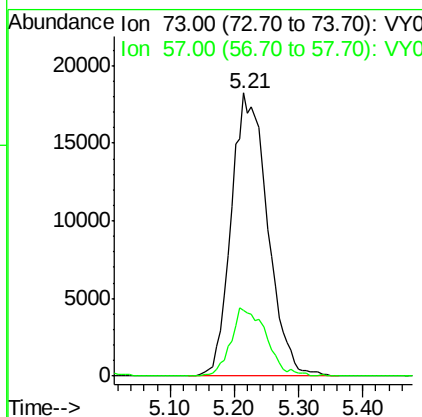
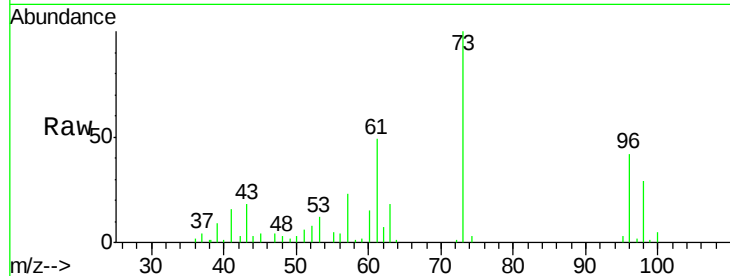
#19
Methvl tert-butvl Ether
Concen: 22.964 ug/l
RT: 5.21 min Scan# 595
Delta R.T. -0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion: 73 Resp: 71124
Ion Ratio Lower Upper
73 100
57 23.2 17.5 26.3

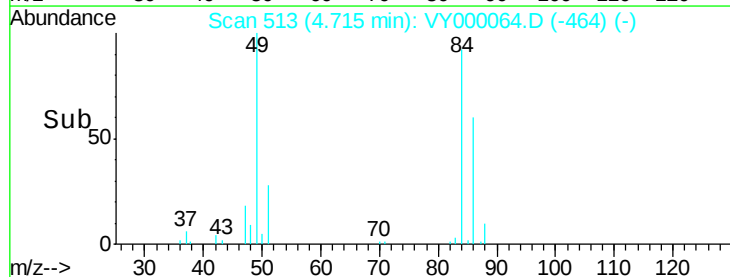
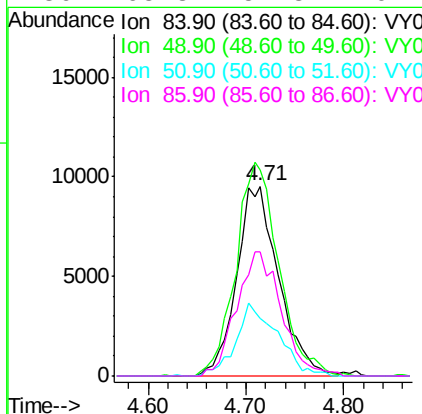
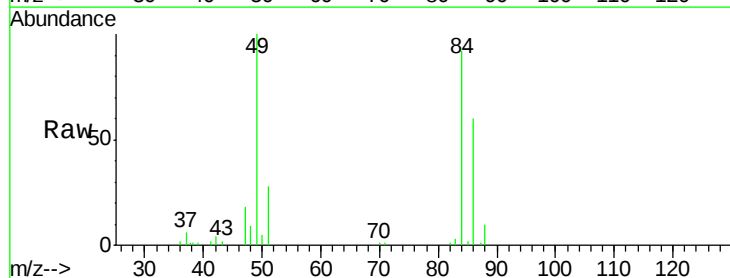
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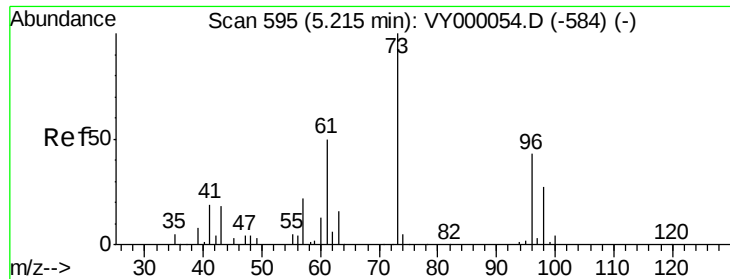
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#20
Methylene Chloride
Concen: 22.200 ug/l
RT: 4.71 min Scan# 513
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion: 84 Resp: 28416
Ion Ratio Lower Upper
84 100
49 108.8 87.4 131.0
51 30.1 27.2 40.8
86 65.3 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 21.795 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion: 96 Resp: 24012

Ion Ratio Lower Upper

96 100

61 116.6 94.0 141.0

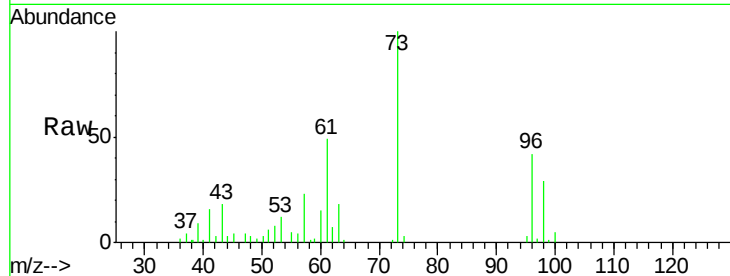
98 68.8 50.3 75.5

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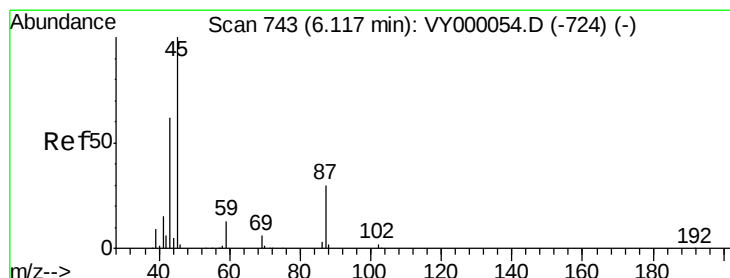
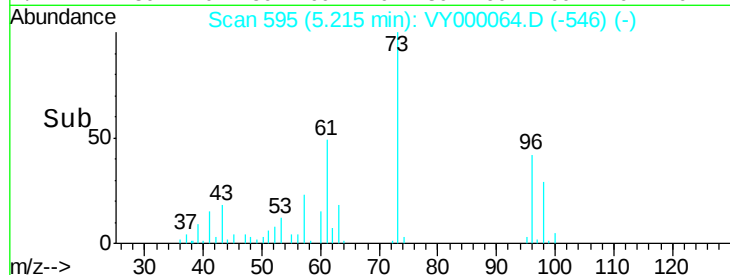
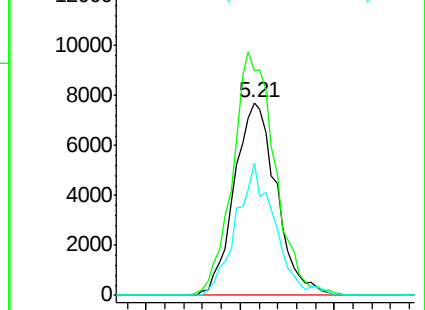
9/20/2019 12:40:07 AM



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.813 ug/l

RT: 6.12 min Scan# 743

Delta R.T. -0.00 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Tgt Ion: 45 Resp: 78074

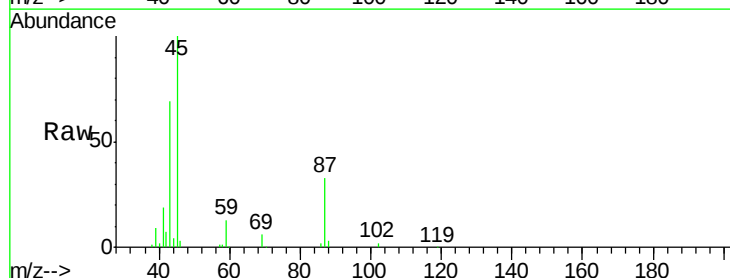
Ion Ratio Lower Upper

45 100

43 68.6 49.9 74.9

87 32.7 25.0 37.4

59 12.8 10.4 15.6

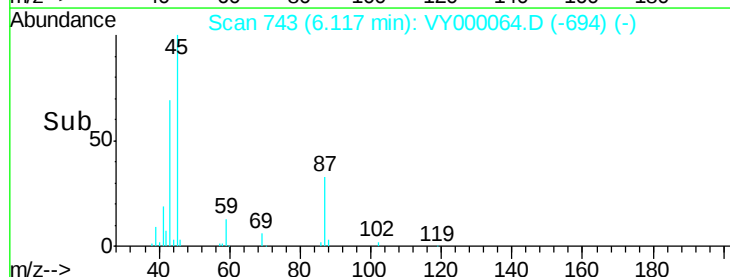
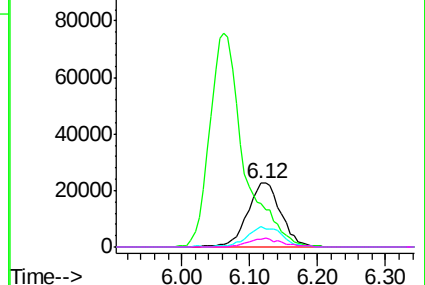


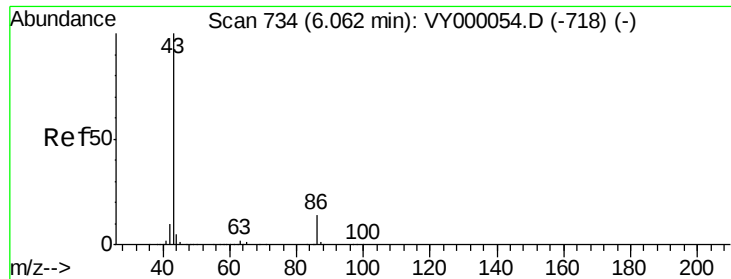
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 114.004 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Tot Ion: 43 Resp: 261131

Ion Ratio Lower Upper

43 100

86 13.3 11.3 16.9

Instrument :

MSVOA_Y

ClientSampleId :

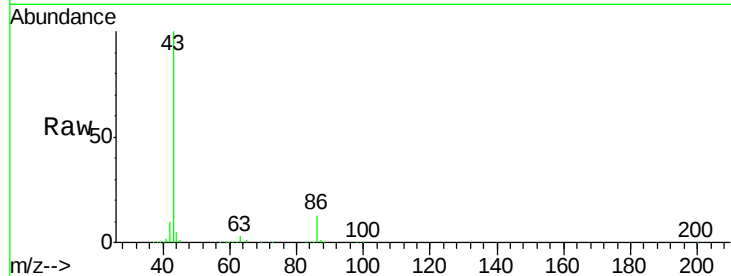
VY0918SBS01

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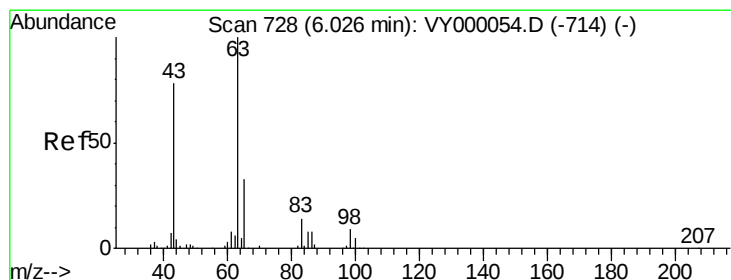
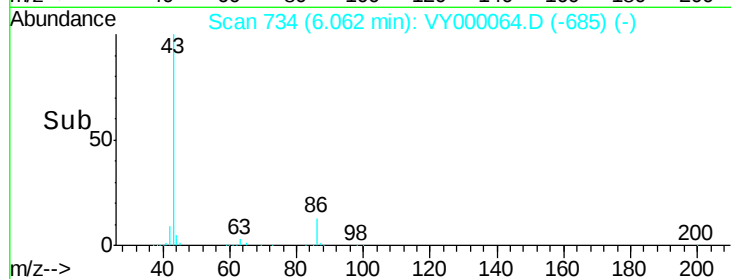
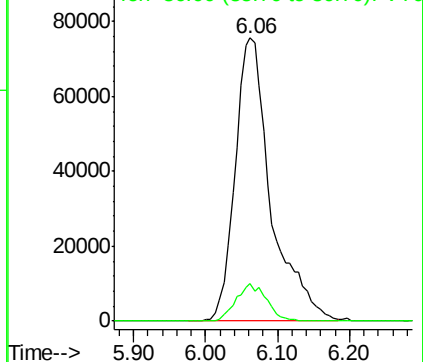
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 23.122 ug/l

RT: 6.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

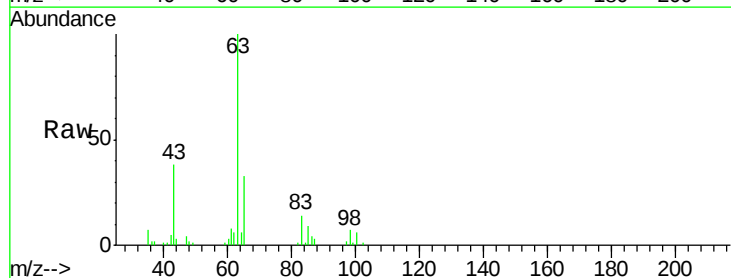
Tgt Ion: 63 Resp: 46837

Ion Ratio Lower Upper

63 100

98 7.0 4.5 13.5

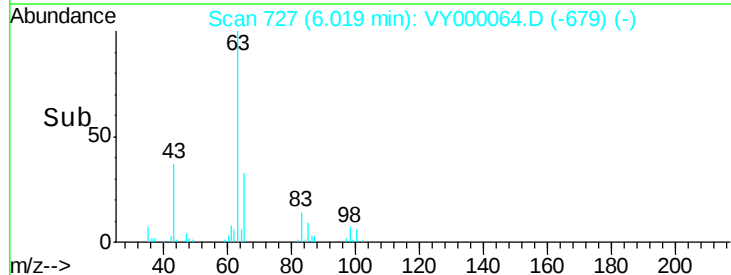
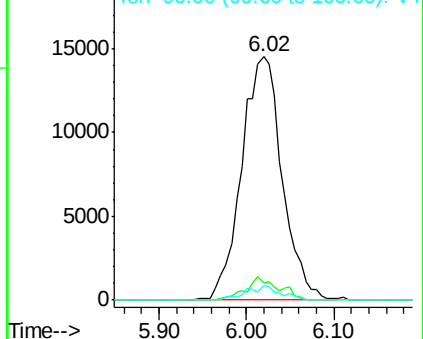
100 5.7 2.5 7.5

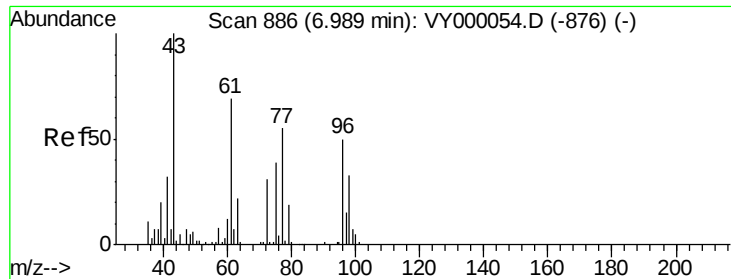


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 111.956 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion: 43 Resp: 55176

Ion Ratio Lower Upper

43 100

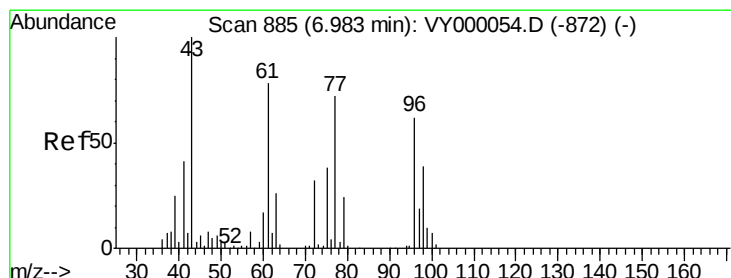
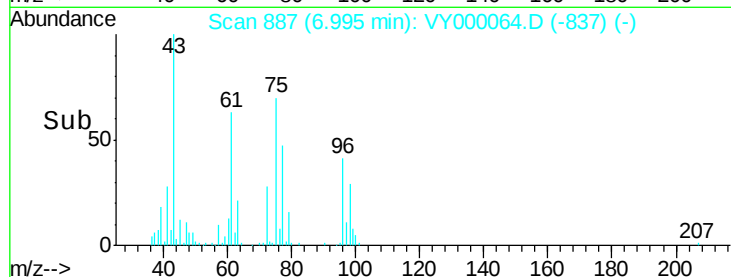
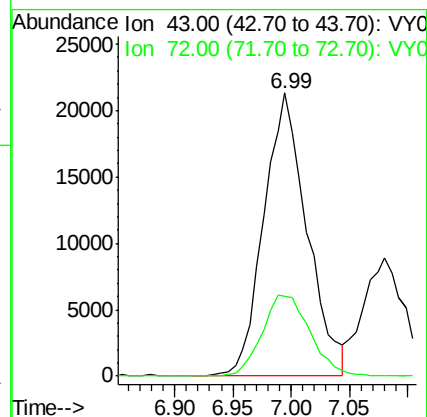
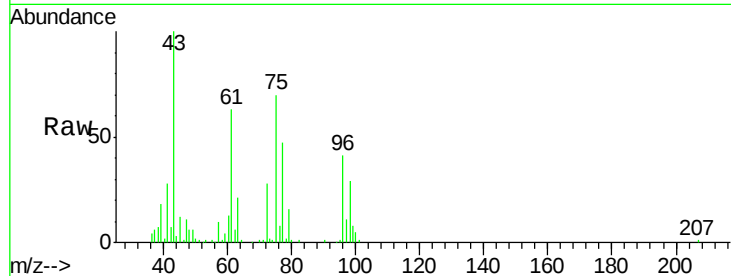
72 28.3 24.7 37.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.099 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000064.D

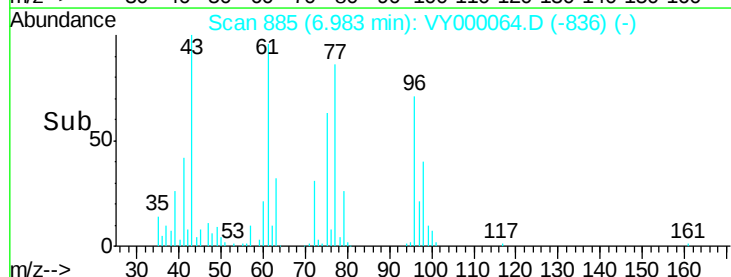
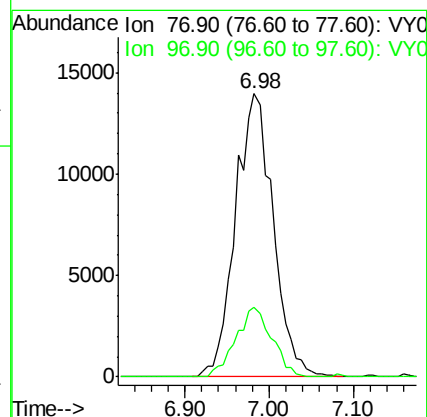
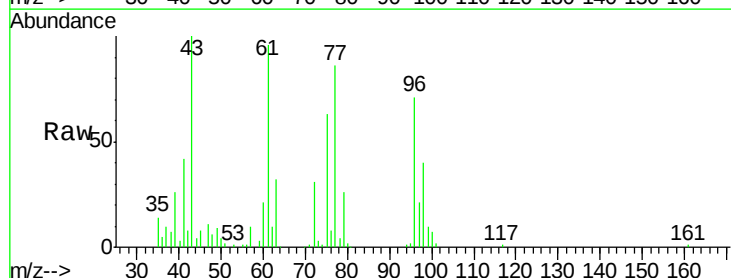
Acq: 18 Sep 2019 16:41

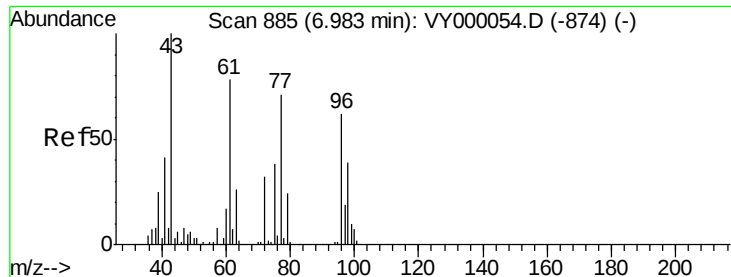
Tgt Ion: 77 Resp: 42246

Ion Ratio Lower Upper

77 100

97 23.5 12.5 37.5





#27

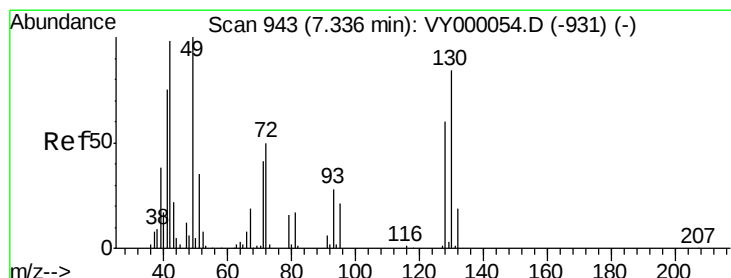
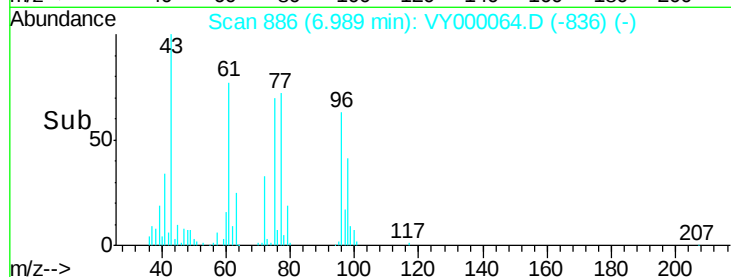
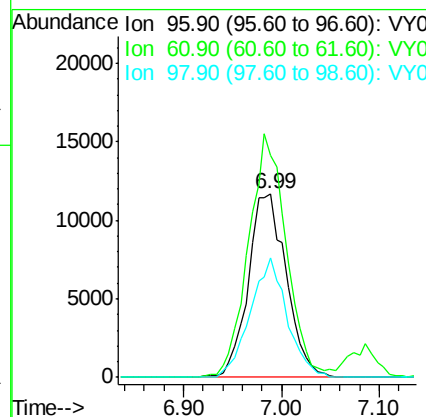
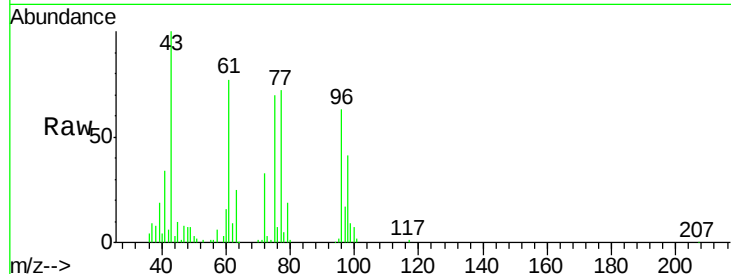
cis-1,2-Dichloroethene
Concen: 22.678 ug/l
RT: 6.99 min Scan# 886
Delta R.T. 0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	130.9	0.0	263.0	
98	62.7	0.0	130.2	

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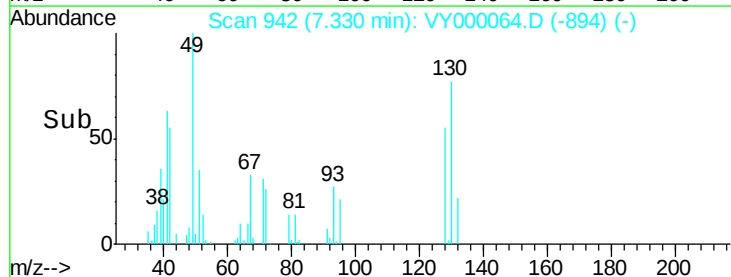
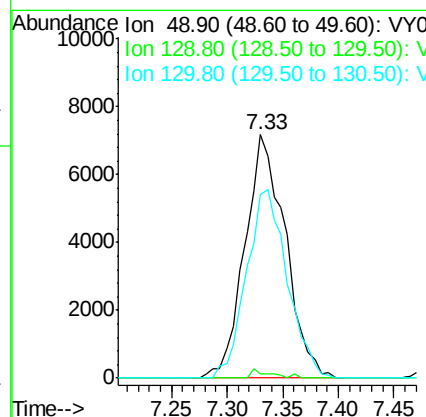
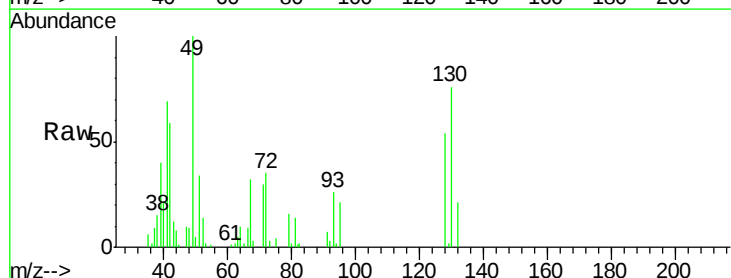
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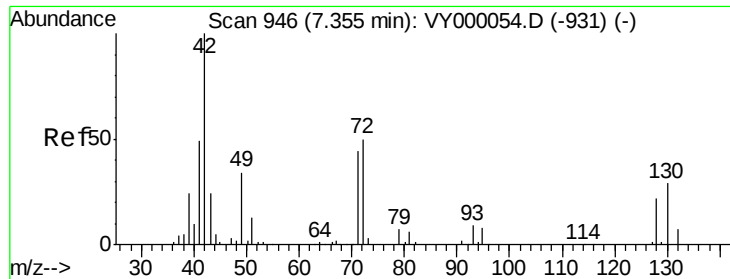


#28

Bromochloromethane
Concen: 19.262 ug/l
RT: 7.33 min Scan# 942
Delta R.T. -0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.4	0.0	4.8	
130	78.1	66.2	99.4	





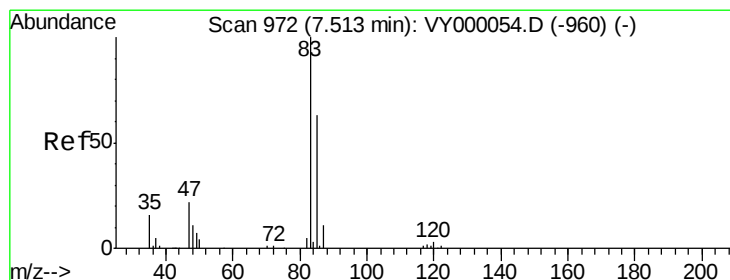
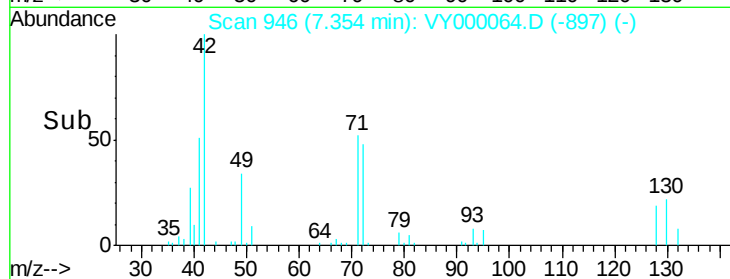
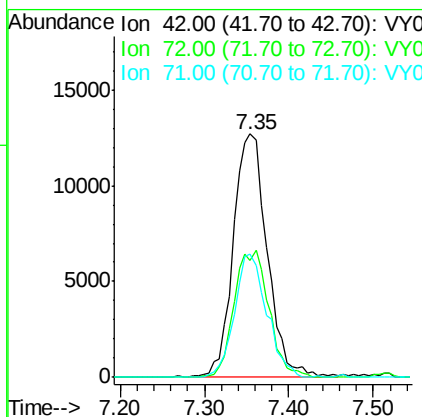
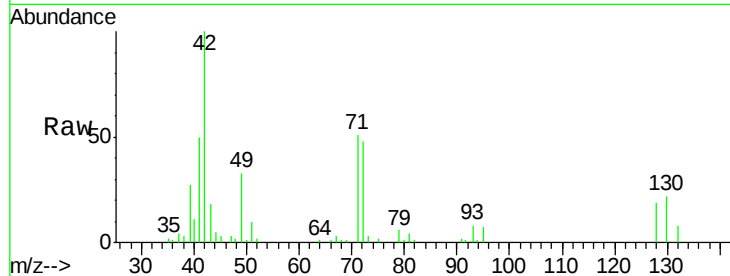
#29
Tetrahydrofuran
Concen: 116.866 ug/l
RT: 7.35 min Scan# 946
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.3	41.8	62.6
71	48.1	38.6	58.0

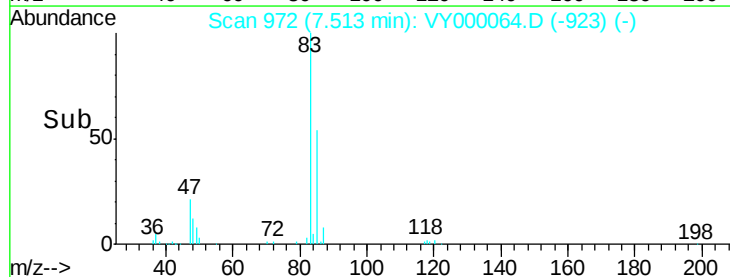
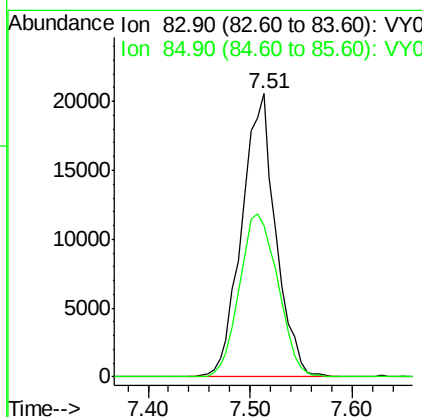
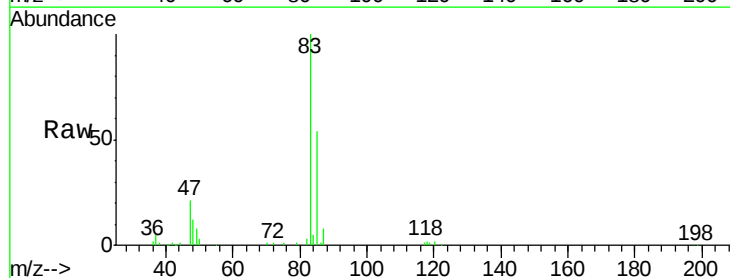
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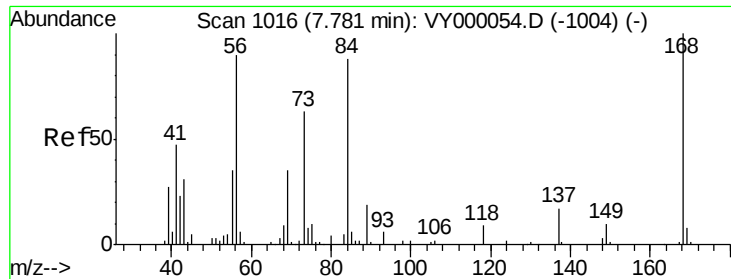
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#30
Chloroform
Concen: 22.834 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	53.6	50.6	76.0





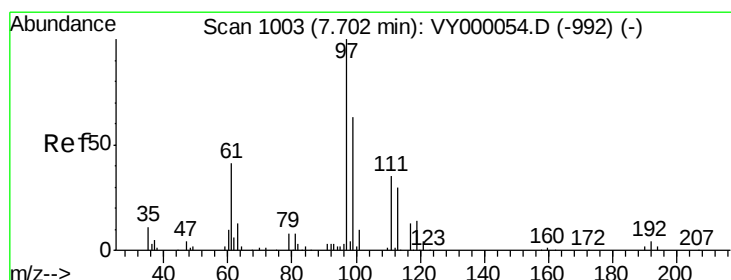
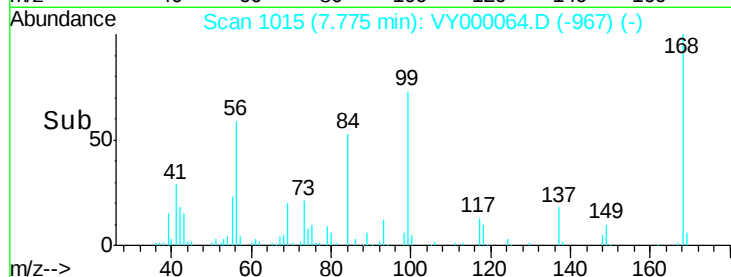
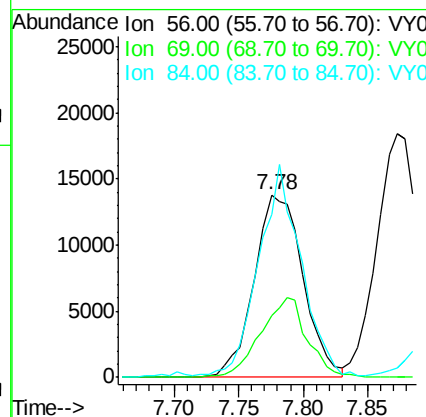
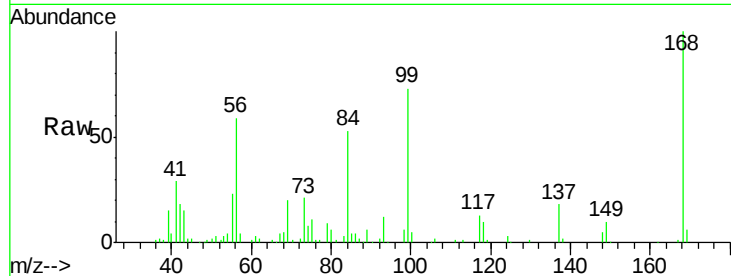
#31
Cyclohexane
Concen: 22.878 ug/l
RT: 7.78 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	30.9	46.3
84	88.5	78.5	117.7

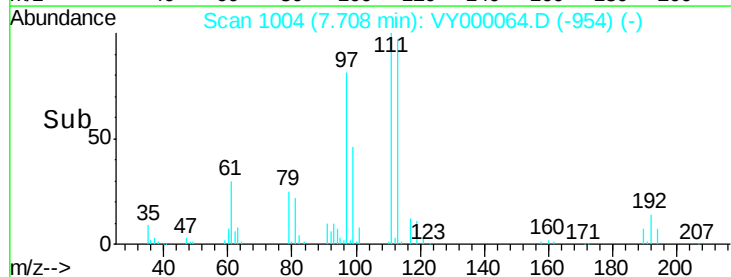
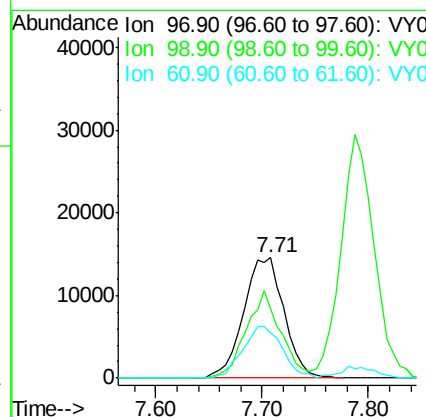
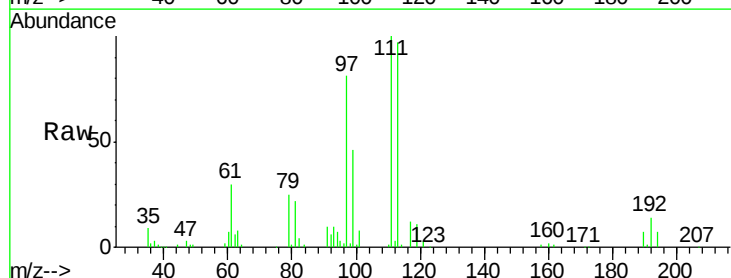
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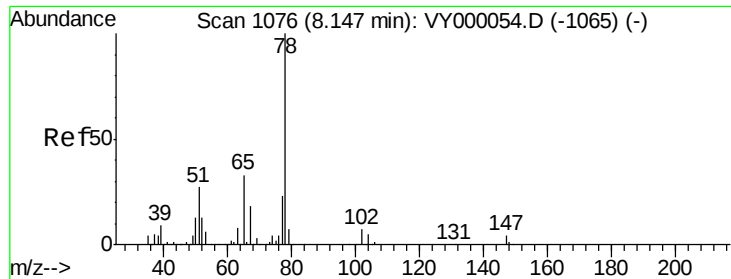
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#32
1,1,1-Trichloroethane
Concen: 22.860 ug/l
RT: 7.71 min Scan# 1004
Delta R.T. 0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.1	51.8	77.6
61	42.1	34.3	51.5





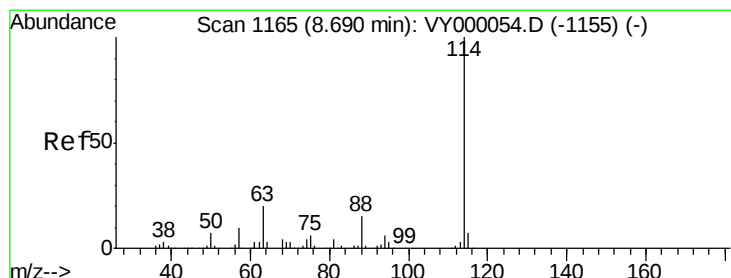
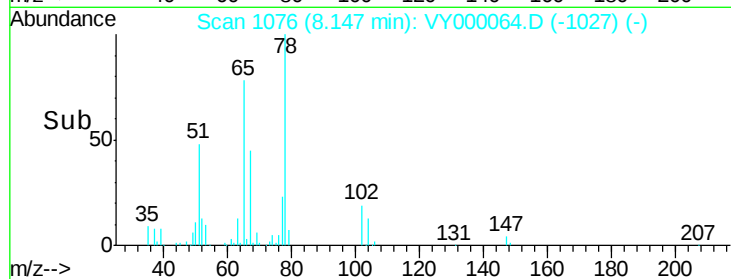
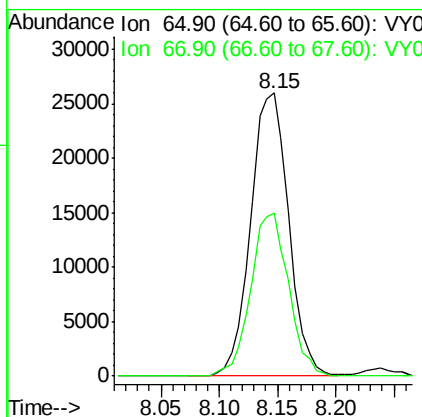
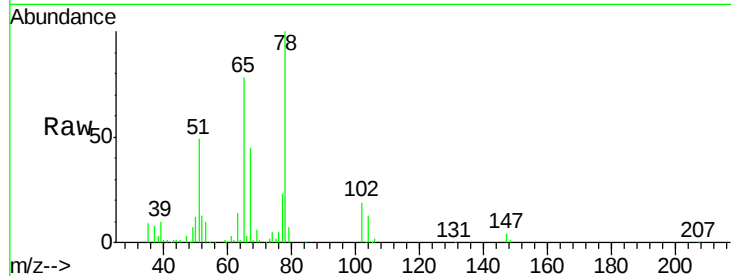
#33
 1,2-Dichloroethane-d4
 Concen: 50.656 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	59198		
67	57.4	0.0	111.0	

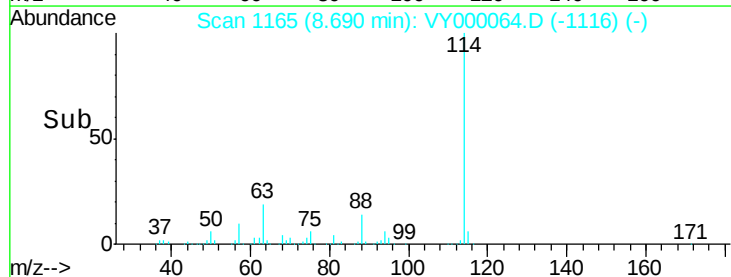
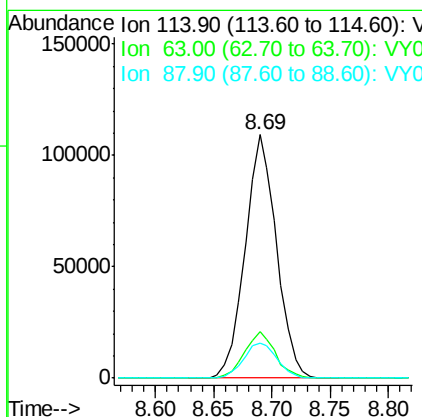
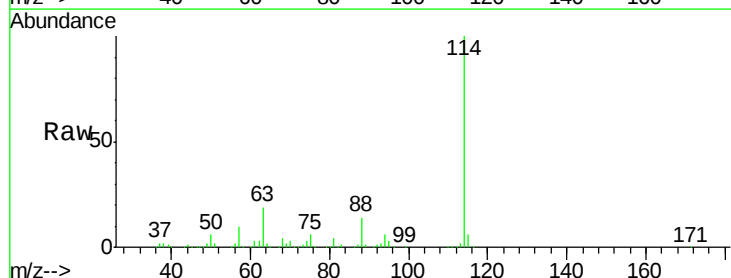
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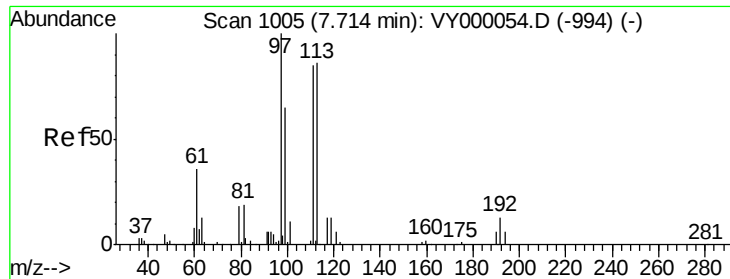
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	204624		
63	19.2	0.0	39.4	
88	14.5	0.0	30.2	





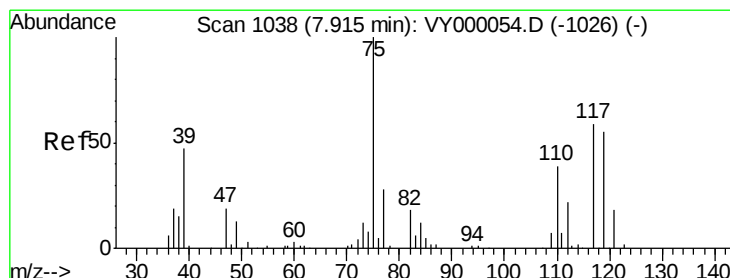
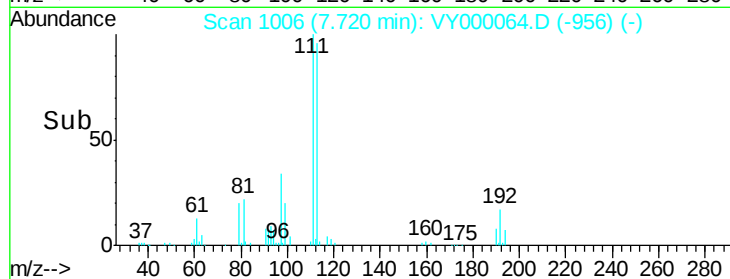
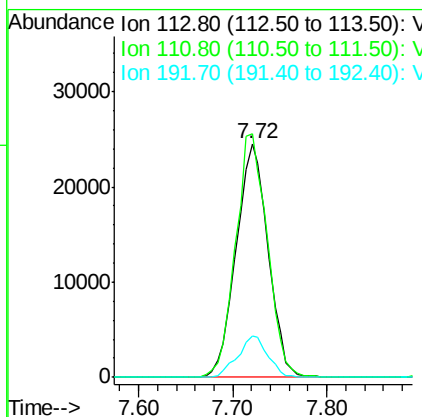
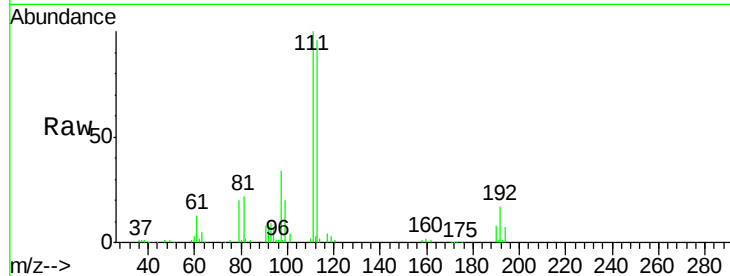
#35
 Dibromofluoromethane
 Concen: 46.663 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.7	122.5
192	16.7	13.4	20.2

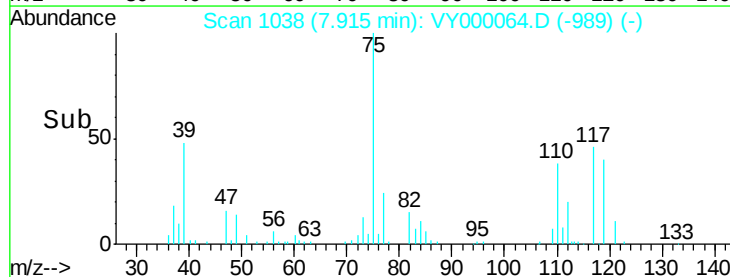
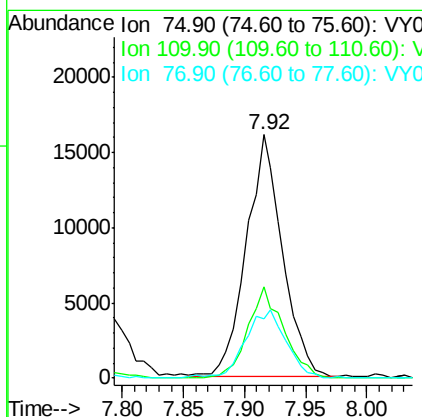
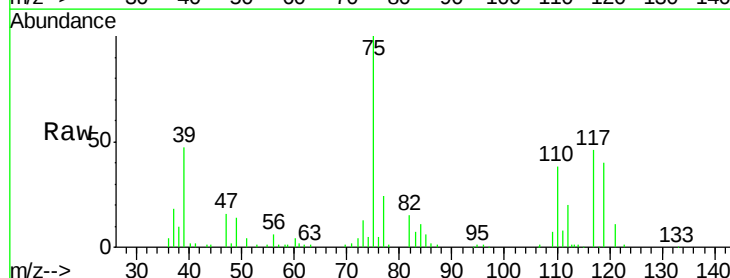
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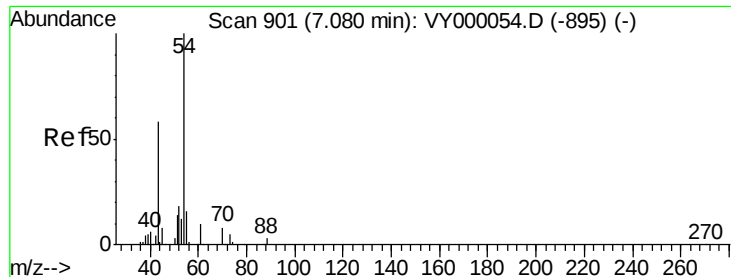
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#36
 1,1-Dichloropropene
 Concen: 21.741 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	19.6	58.7
77	31.4	24.3	36.5





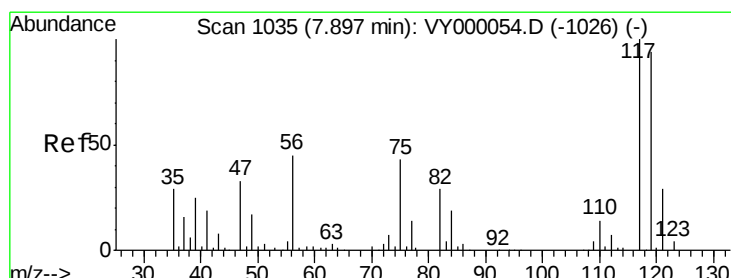
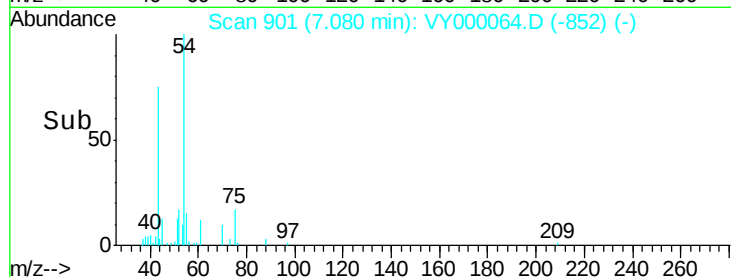
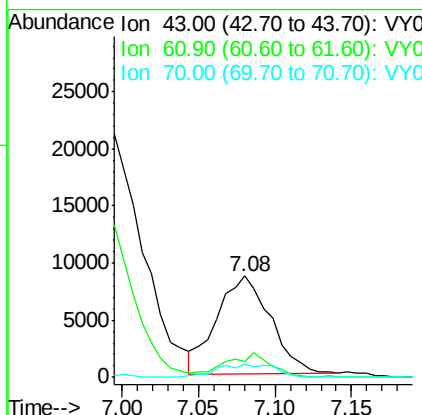
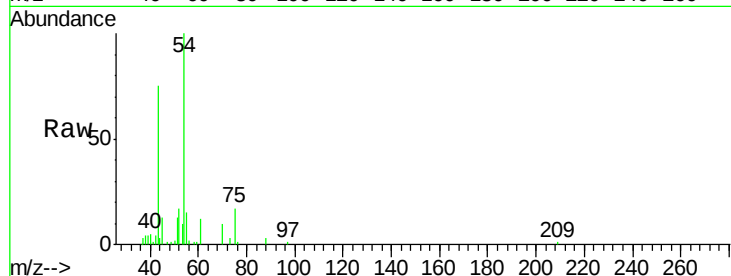
#37
Ethyl Acetate
Concen: 20.545 ug/l
RT: 7.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	14.1	21.1
70	14.7	10.6	15.8

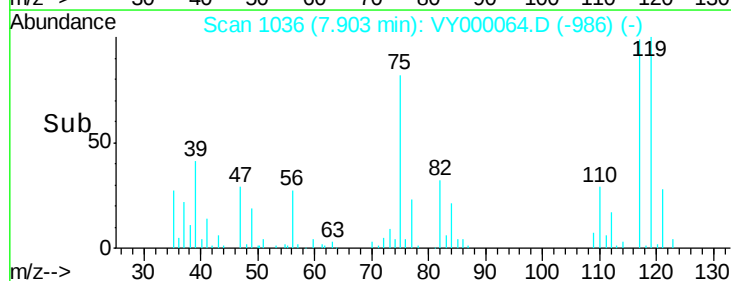
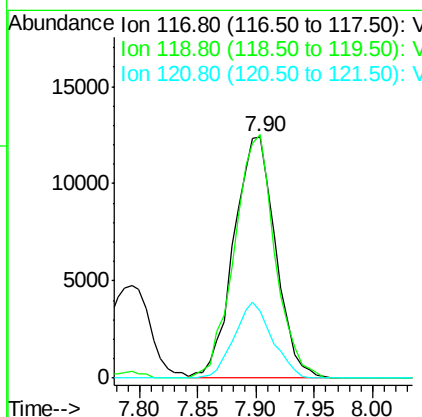
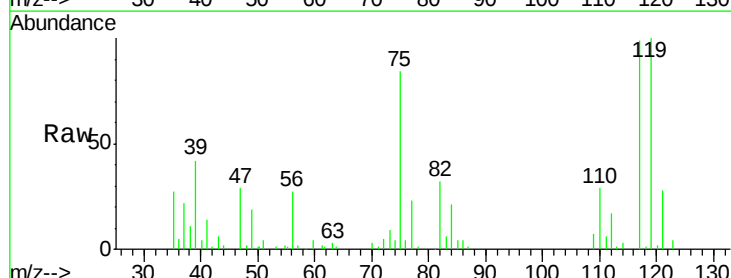
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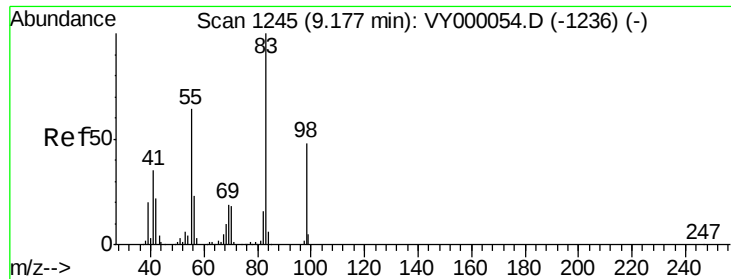
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#38
Carbon Tetrachloride
Concen: 21.478 ug/l
RT: 7.90 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.0	75.0	112.6
121	27.9	22.8	34.2





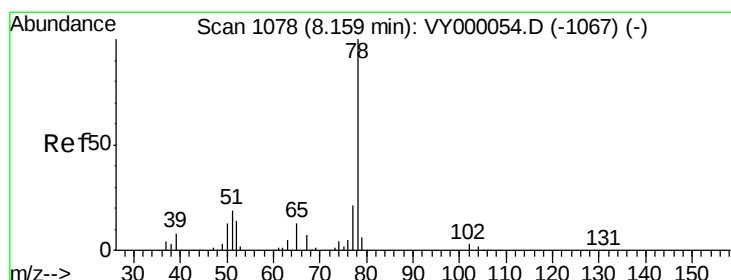
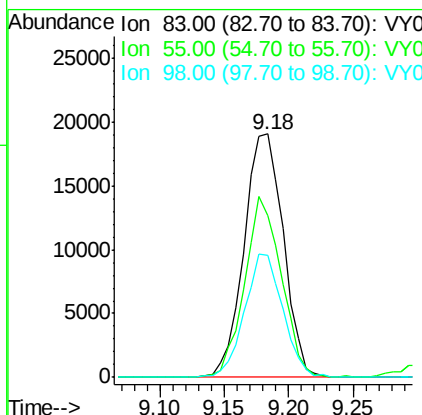
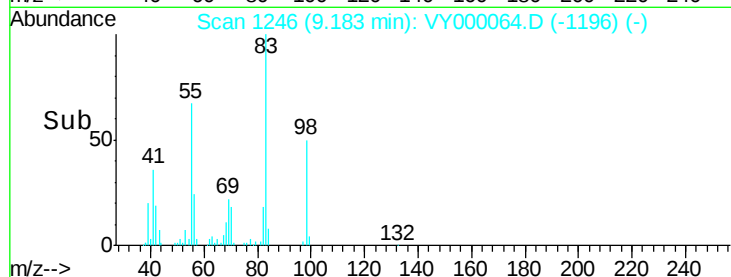
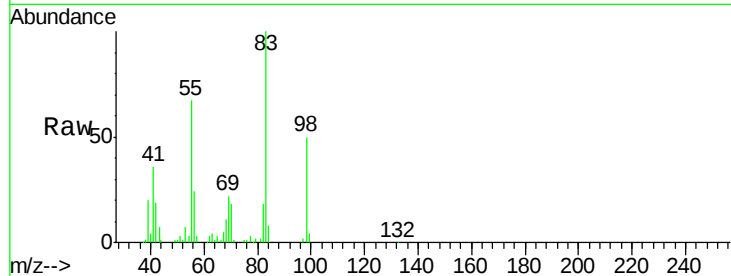
#39
Methvlcvclohexane
Concen: 21.434 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	83	Resp	40325
Ion Ratio	100	Lower	Upper
83	100		
55	66.6	51.0	76.6
98	50.0	38.5	57.7

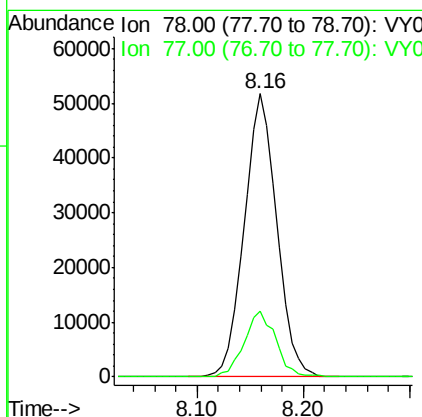
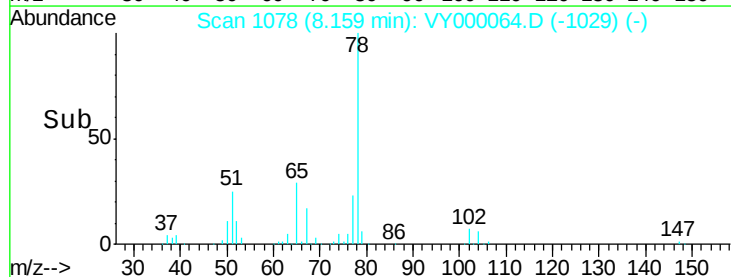
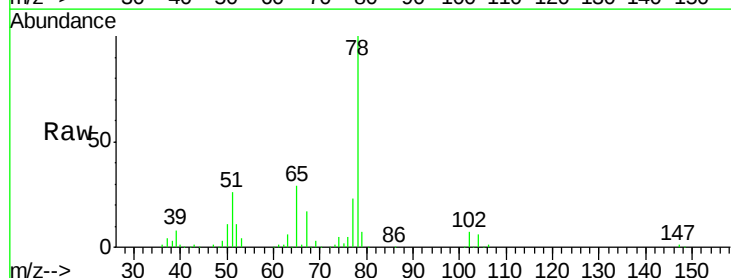
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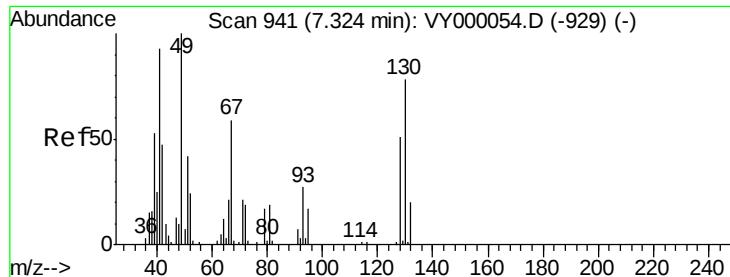
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#40
Benzene
Concen: 21.943 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion	78	Resp	110890
Ion Ratio	100	Lower	Upper
78	100		
77	23.4	16.8	25.2





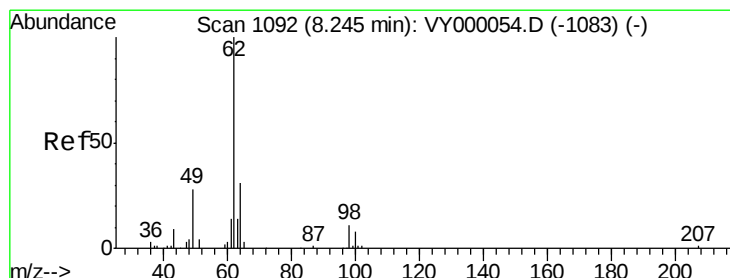
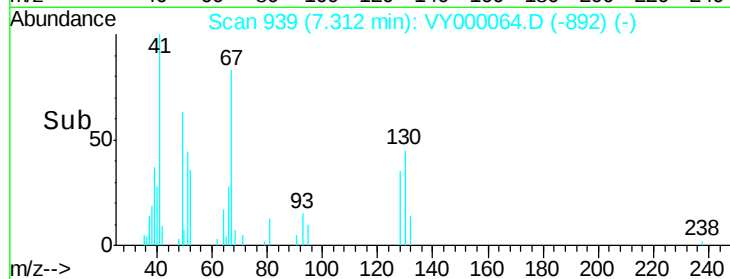
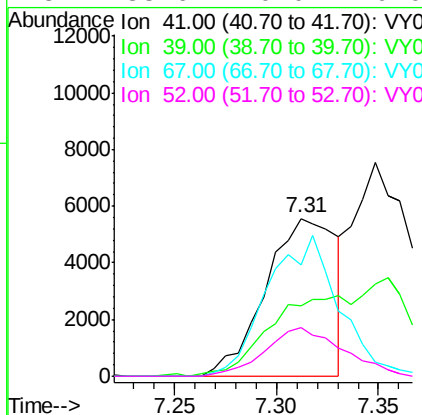
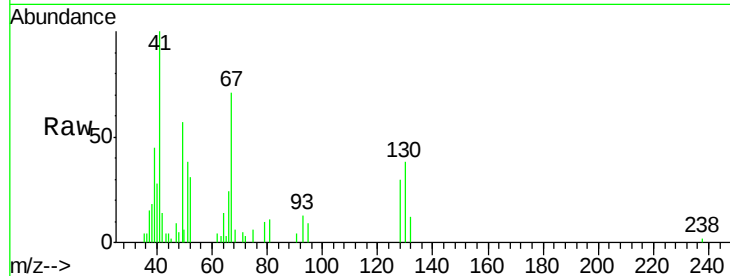
#41
Methacrylonitrile
Concen: 20.223 ug/l
RT: 7.31 min Scan# 939
Delta R.T. -0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	91.8	137.6#
67	90.2	0.0	0.0#
52	33.6	0.0	0.0#

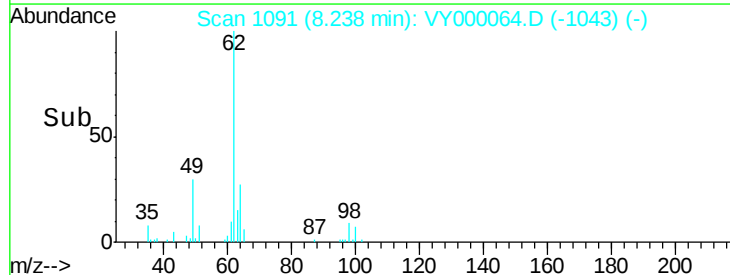
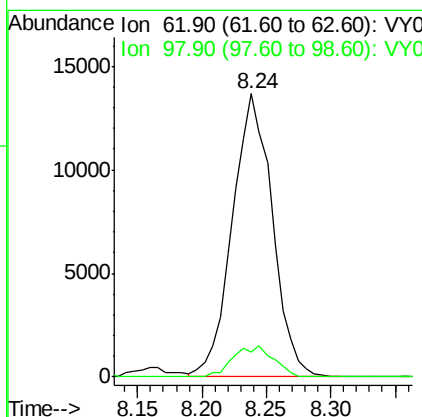
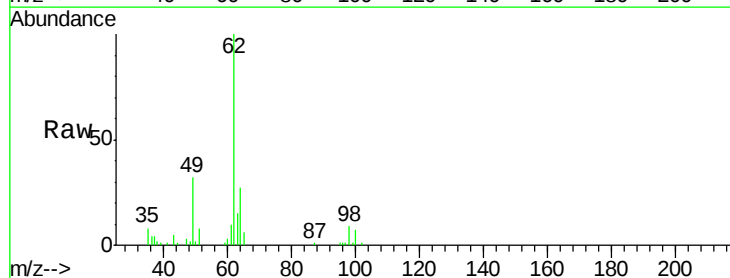
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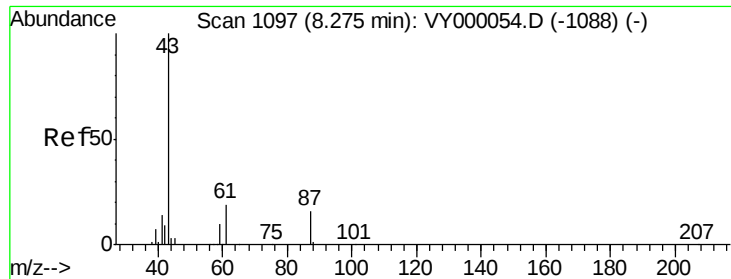
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9/20/2019 12:40:07 AM



#42
1,2-Dichloroethane
Concen: 22.035 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	23.6





#43

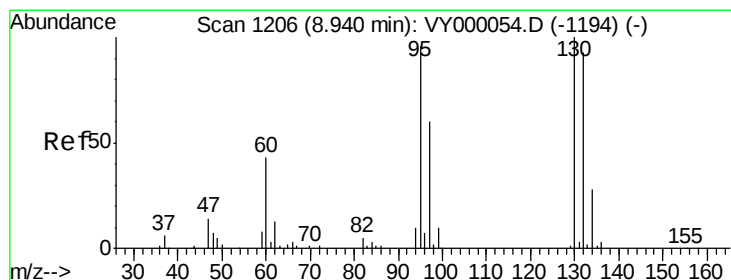
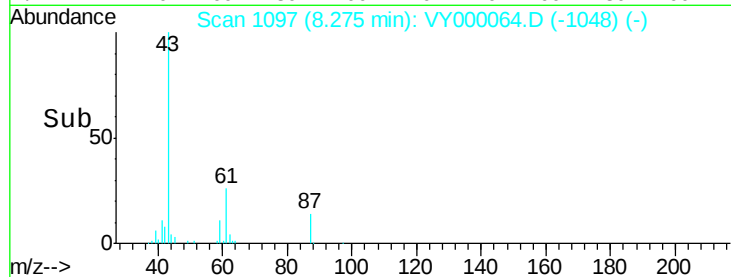
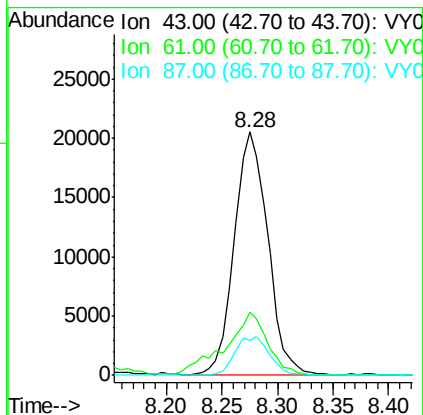
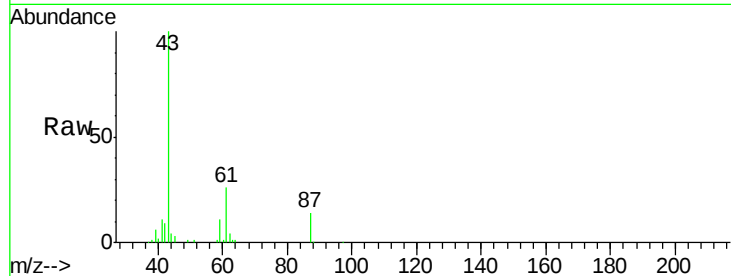
Isopropyl Acetate
 Concen: 21.605 ug/l
 RT: 8.28 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.0	25.0	37.6
87	16.3	12.4	18.6

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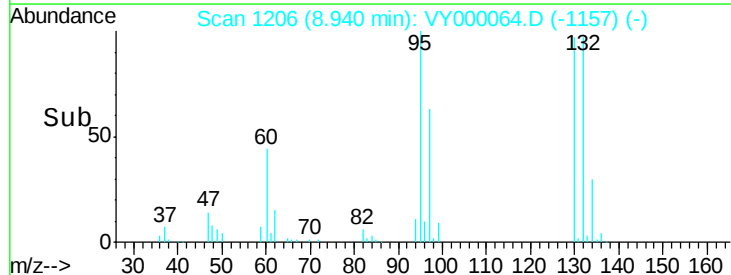
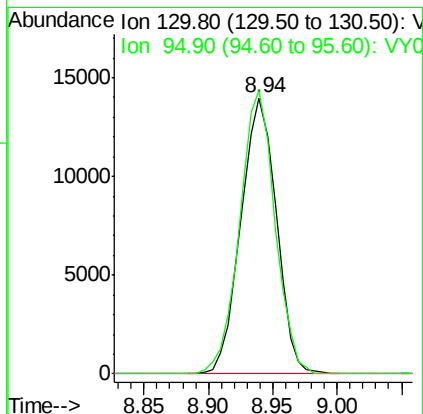
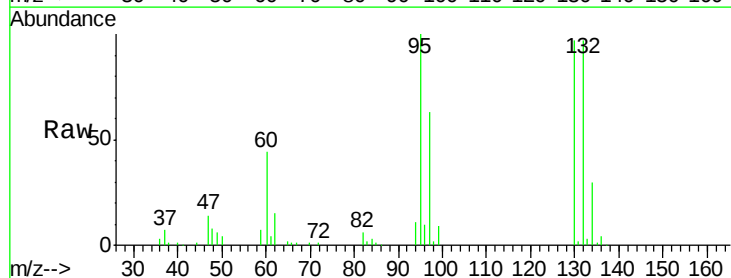
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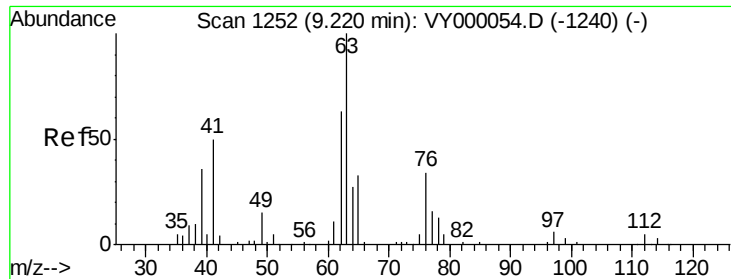


#44

Trichloroethene
 Concen: 20.602 ug/l
 RT: 8.94 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	192.0





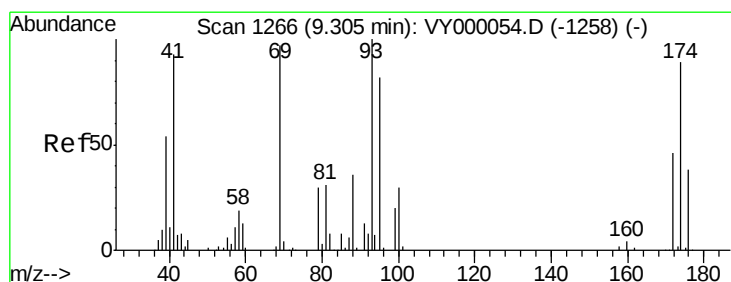
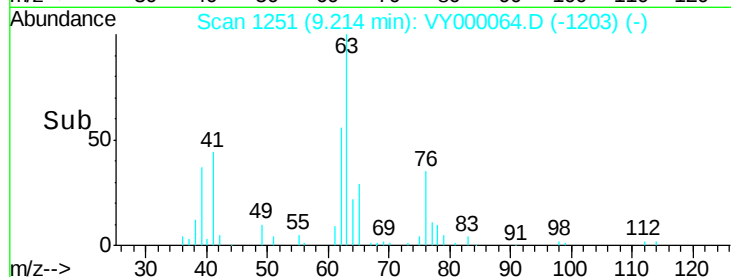
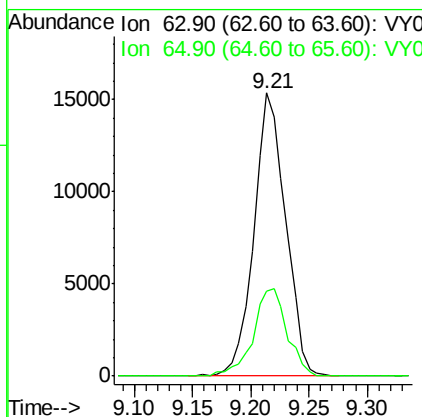
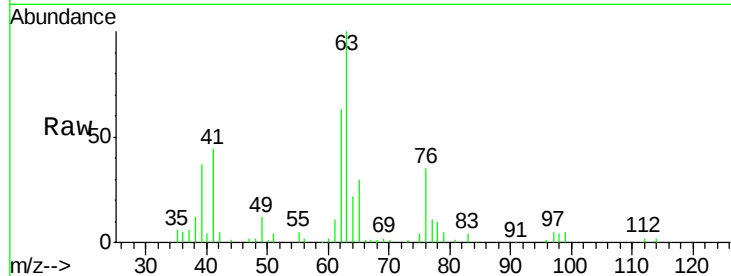
#45
 1,2-Dichloropropane
 Concen: 22.196 ug/l
 RT: 9.21 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Tot Ion: 63 Resp: 29056
 Ion Ratio Lower Upper
 63 100
 65 30.2 26.2 39.4

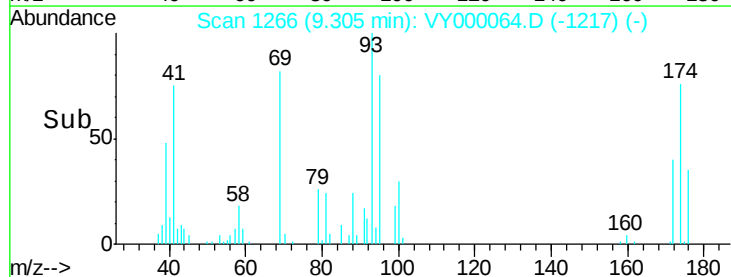
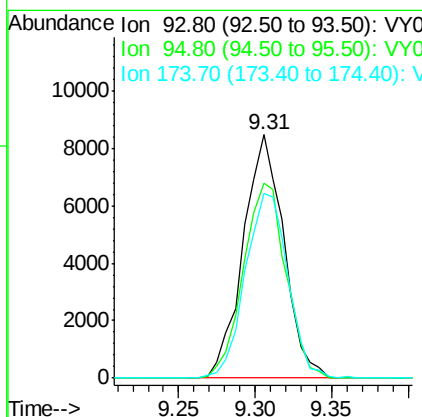
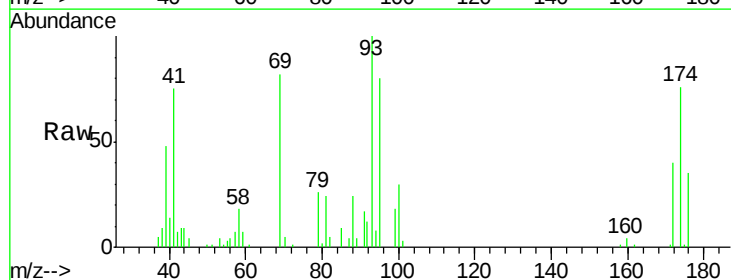
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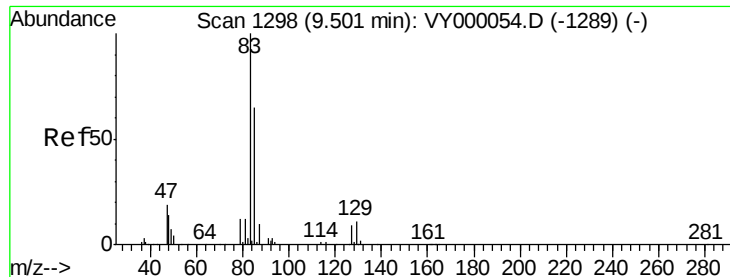
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#46
 Dibromomethane
 Concen: 21.863 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Tgt Ion: 93 Resp: 15633
 Ion Ratio Lower Upper
 93 100
 95 84.0 68.1 102.1
 174 79.6 67.8 101.6





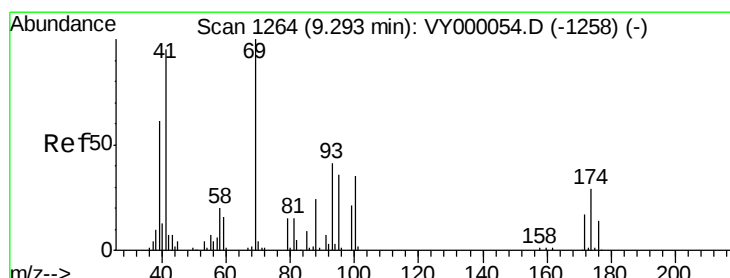
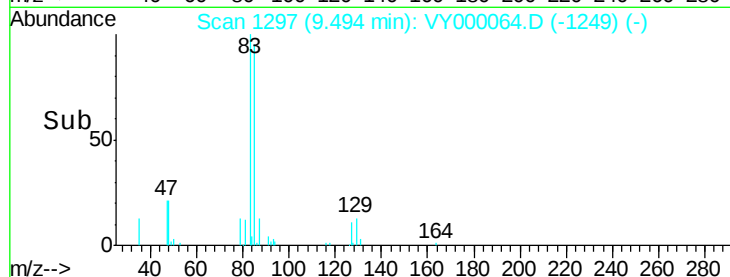
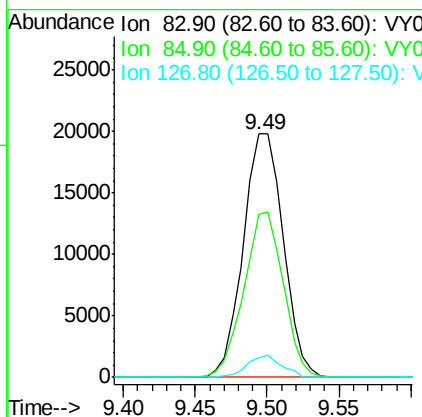
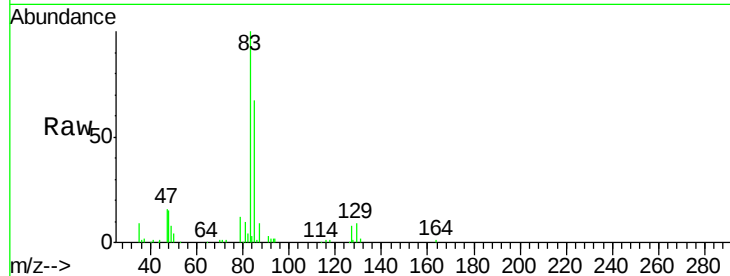
#47
Bromodichloromethane
Concen: 21.989 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. -0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	67.1	52.3	78.5	
127	7.9	6.8	10.2	

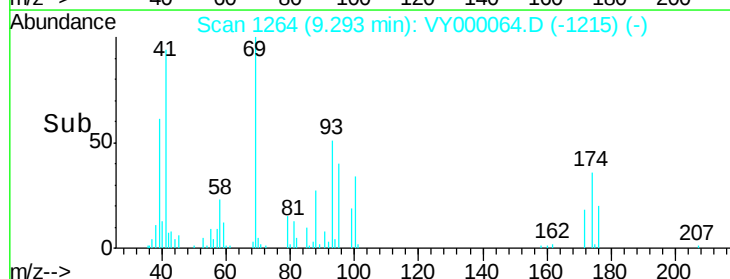
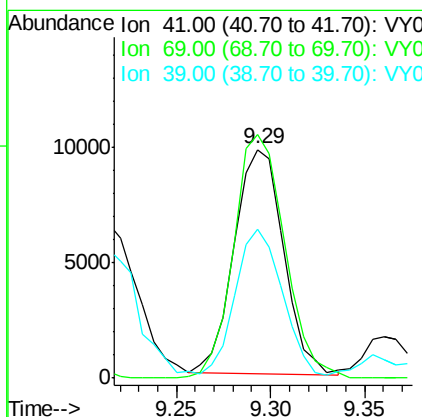
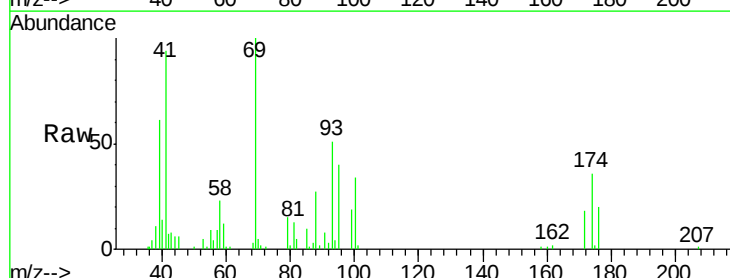
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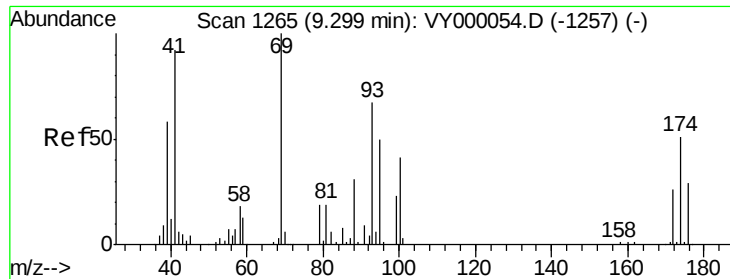
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#48
Methyl methacrylate
Concen: 20.165 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	112.0	78.1	117.1	
39	64.2	49.4	74.0	





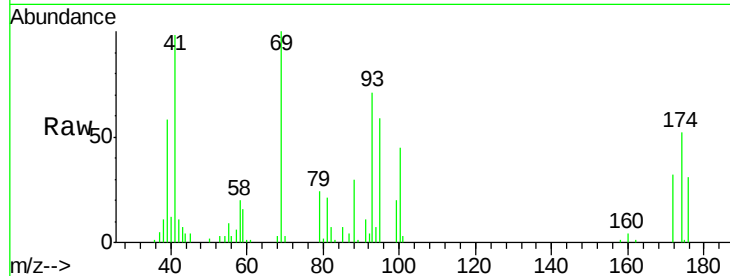
#49
1,4-Dioxane
Concen: 390.123 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	88	Resp	5416
Ion	Ratio	Lower	Upper
88	100		
43	37.0	18.7	28.1#
58	76.6	53.0	79.6

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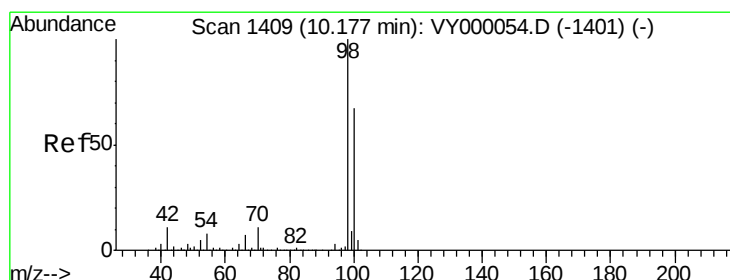
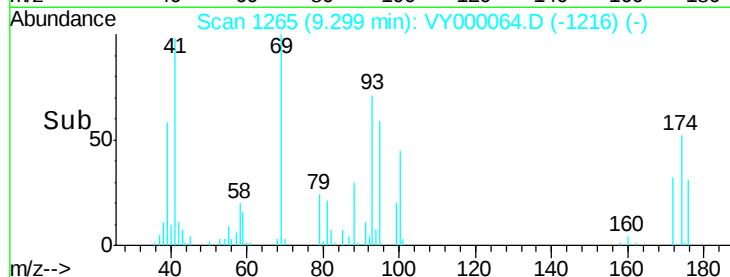
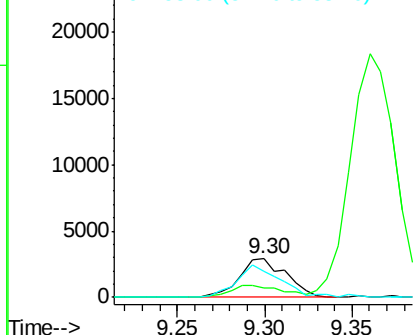


Abundance

Ion 88.00 (87.70 to 88.70): VY0

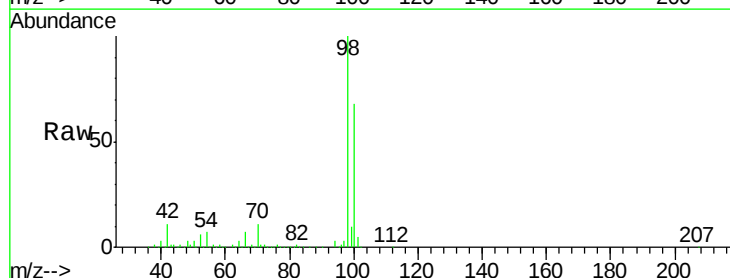
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 49.123 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

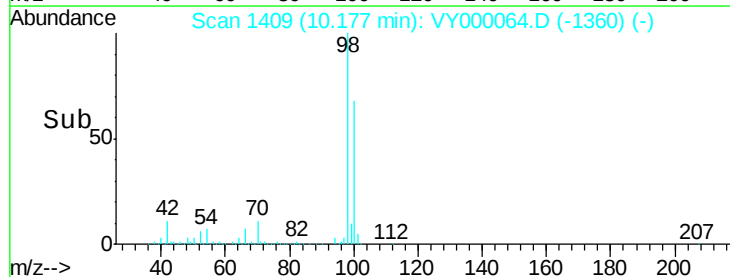
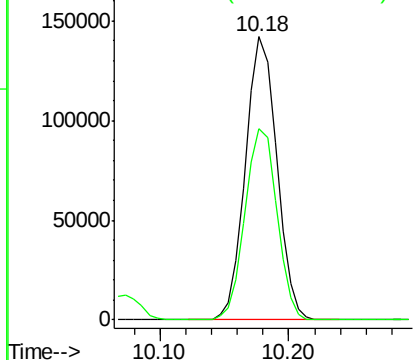
Tgt Ion	98	Resp	239042
Ion	Ratio	Lower	Upper
98	100		
100	68.8	53.1	79.7

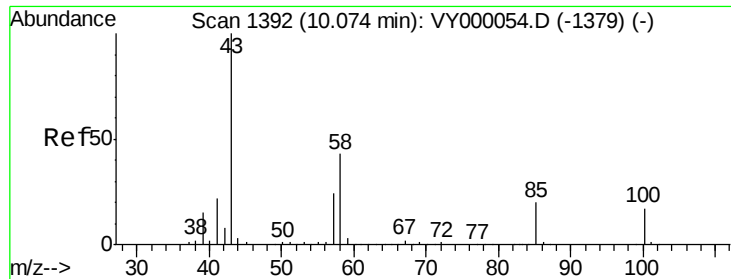


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 107.447 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion: 43 Resp: 117011

Ion Ratio Lower Upper

43 100

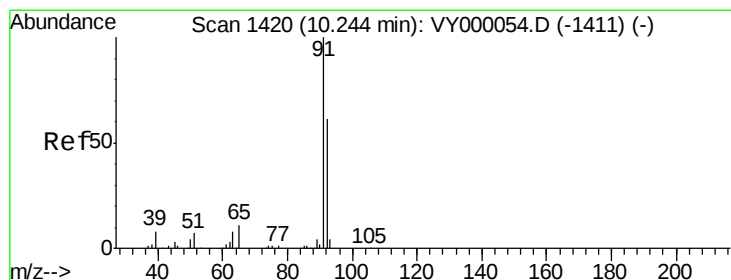
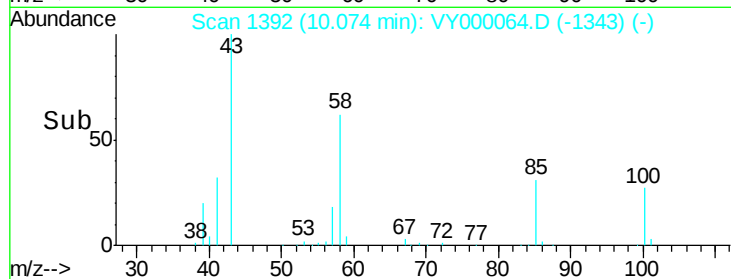
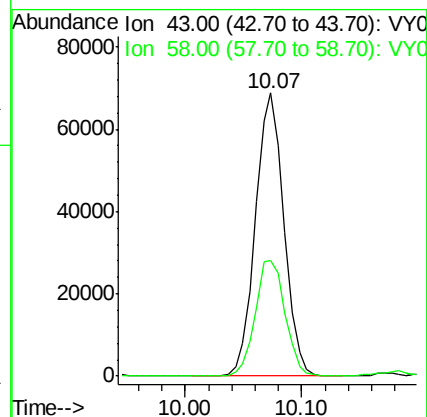
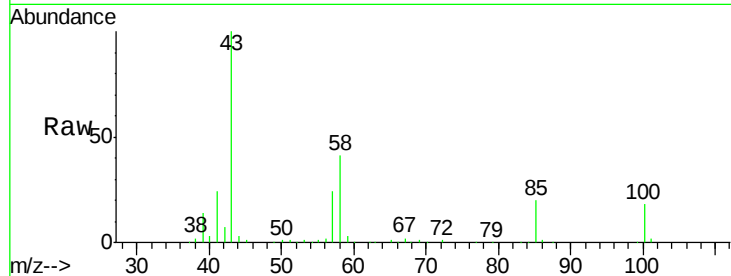
58 42.8 34.2 51.2

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#52

Toluene

Concen: 21.683 ug/l

RT: 10.24 min Scan# 1419

Delta R.T. -0.01 min

Lab File: VY000064.D

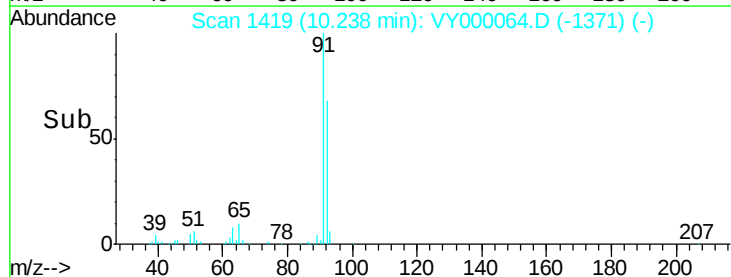
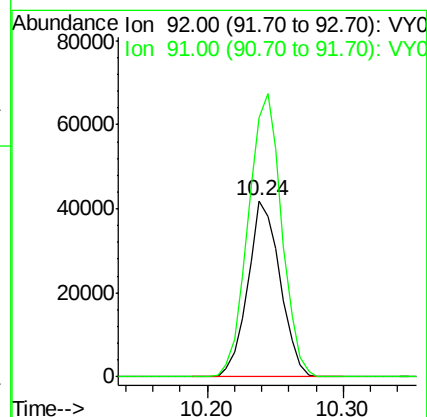
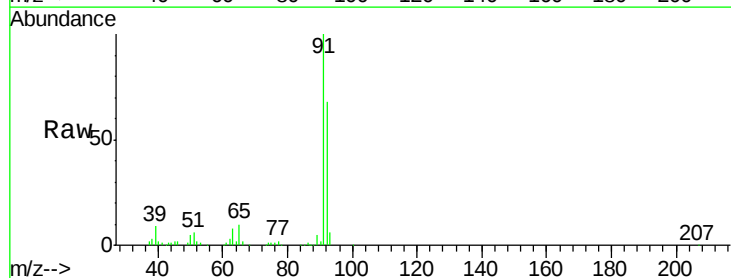
Acq: 18 Sep 2019 16:41

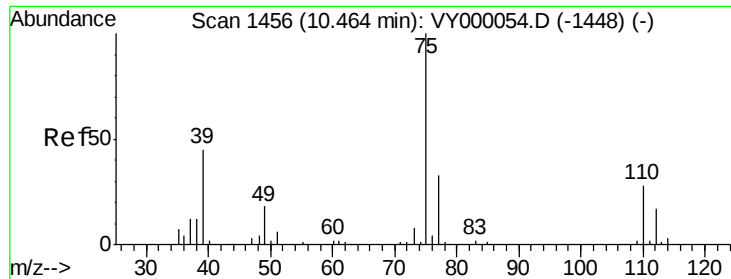
Tgt Ion: 92 Resp: 69616

Ion Ratio Lower Upper

92 100

91 166.5 135.8 203.6





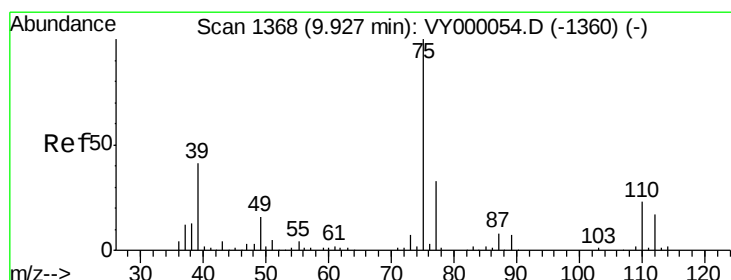
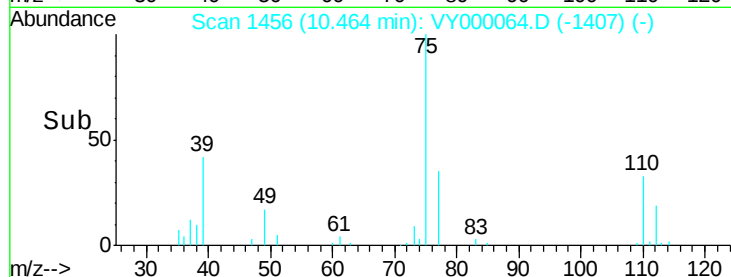
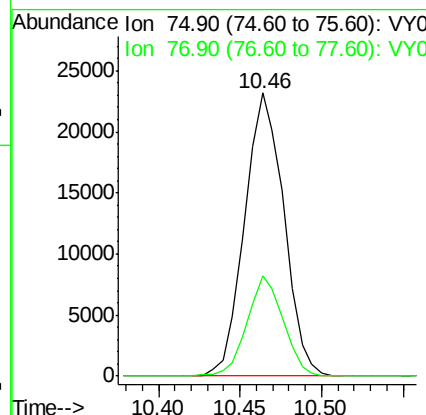
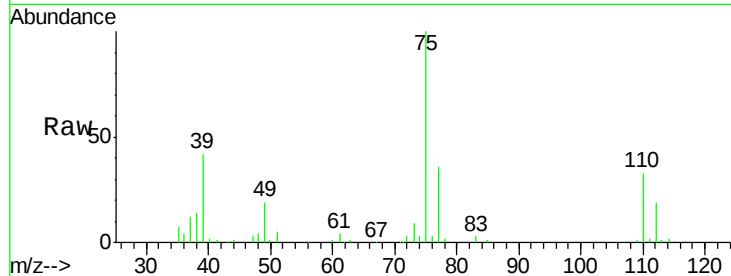
#53
t-1,3-Dichloropropene
Concen: 21.082 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion: 75 Resp: 38785
Ion Ratio Lower Upper
75 100
77 35.6 26.2 39.2

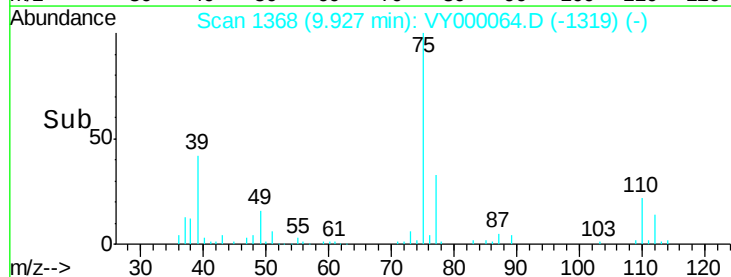
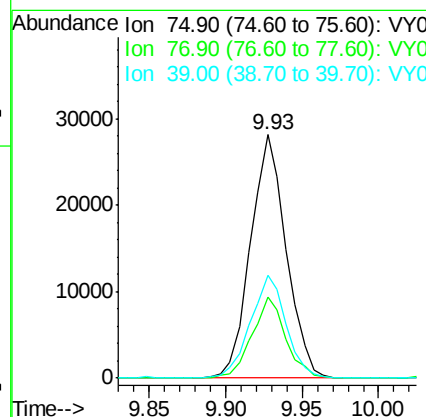
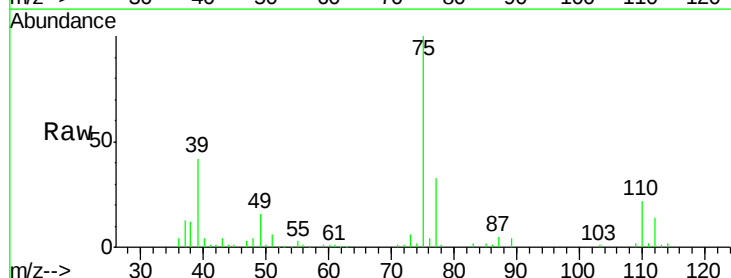
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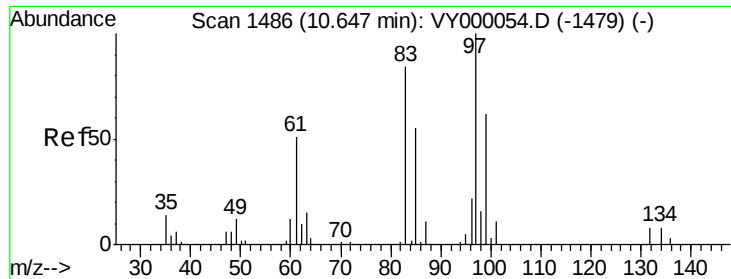
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#54
cis-1,3-Dichloropropene
Concen: 21.437 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion: 75 Resp: 45542
Ion Ratio Lower Upper
75 100
77 33.1 26.1 39.1
39 42.2 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 22.431 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Instrument :

MSVOA_Y

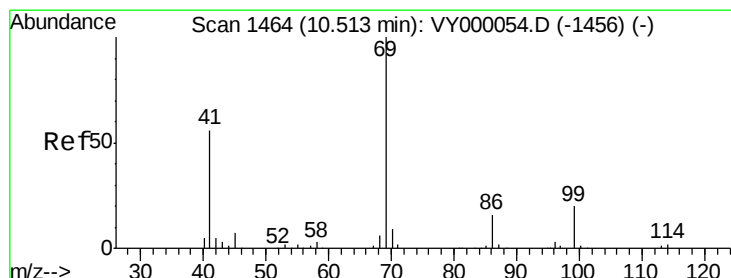
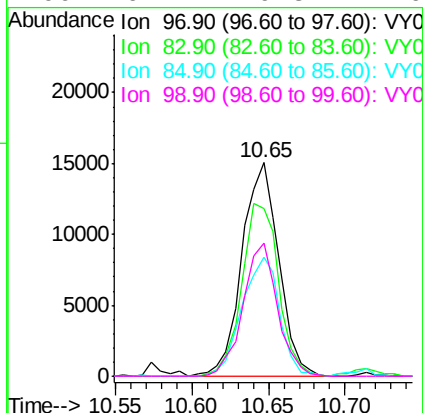
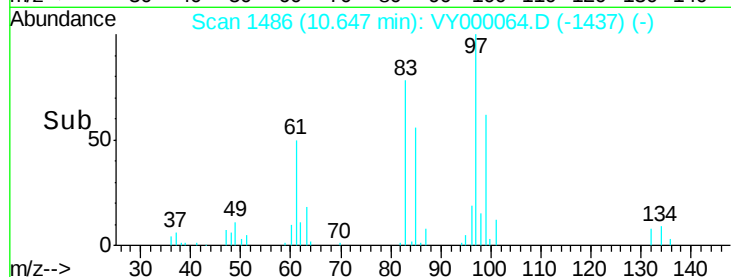
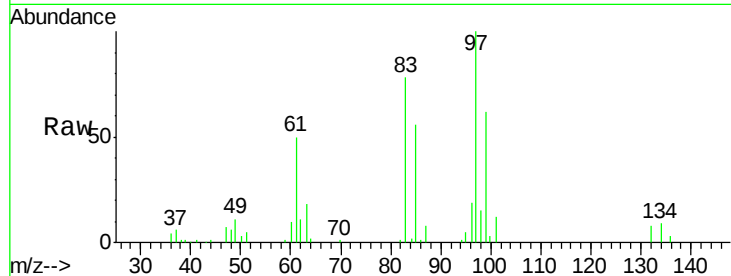
ClientSampleId :

VY0918SBS01

Tot Ion:	97	Resp:	25146
Ion	Ratio	Lower	Upper
97	100		
83	78.2	67.3	100.9
85	55.7	43.6	65.4
99	62.1	49.8	74.6

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#56

Ethyl methacrylate

Concen: 22.070 ug/l

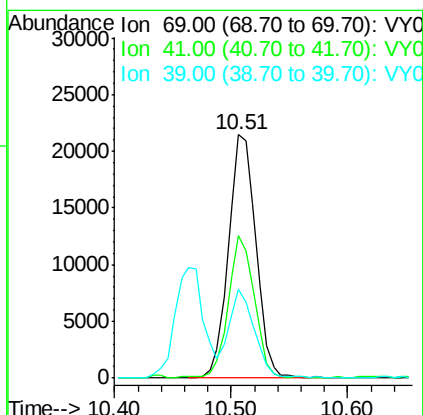
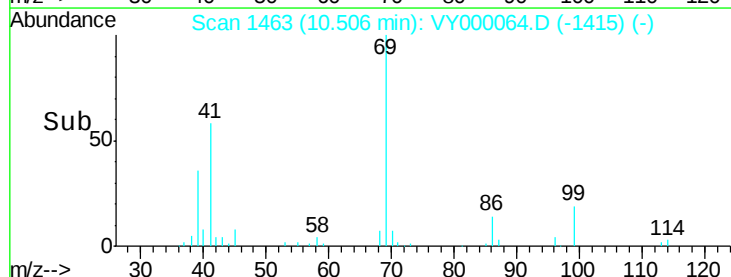
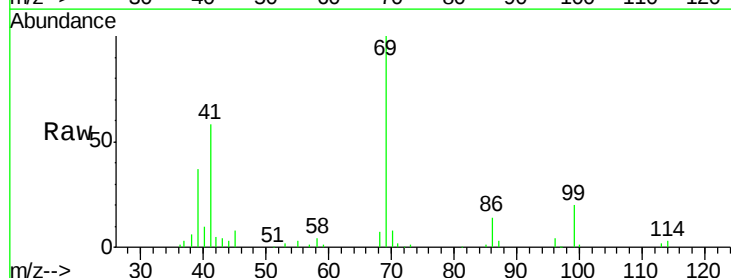
RT: 10.51 min Scan# 1463

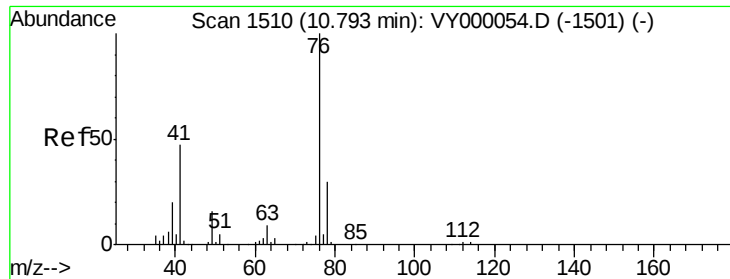
Delta R.T. -0.01 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Tgt Ion:	69	Resp:	35206
Ion	Ratio	Lower	Upper
69	100		
41	56.0	45.6	68.4
39	34.2	27.3	40.9





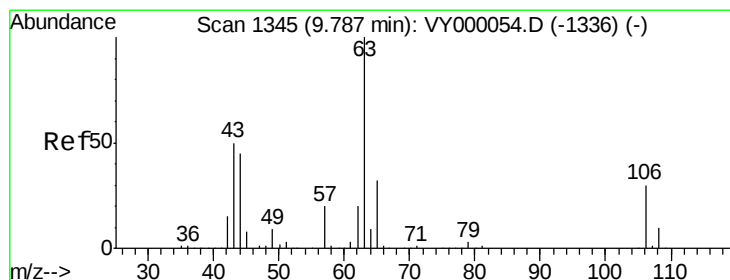
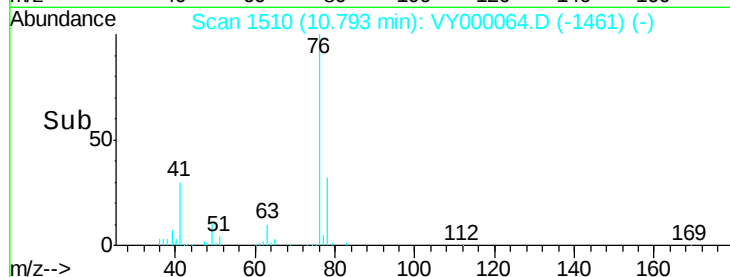
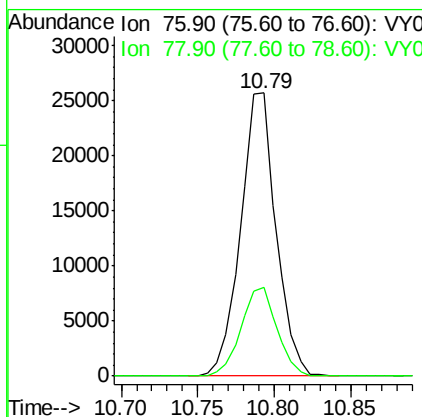
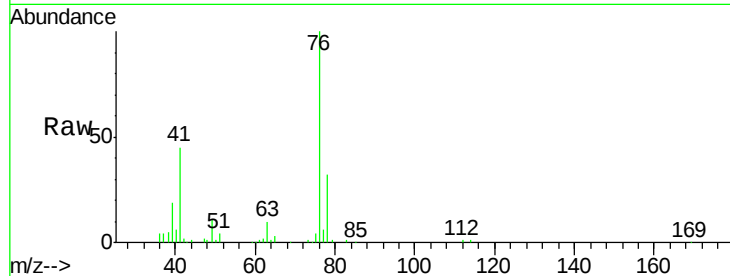
#57
 1,3-Dichloropropane
 Concen: 21.949 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Tot Ion	76	Resp	41332
Ion Ratio	Lower	Upper	
76	100		
78	31.7	26.6	40.0

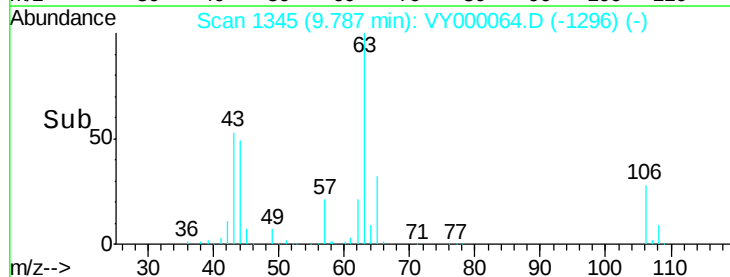
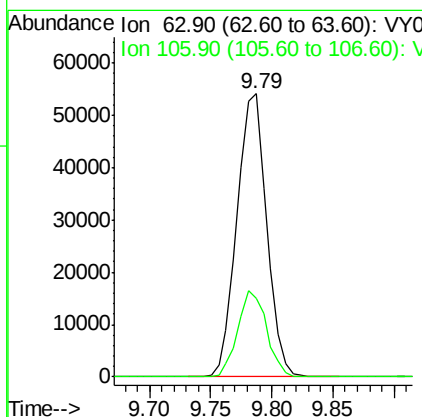
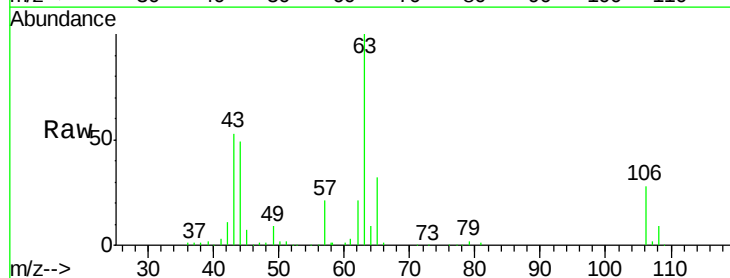
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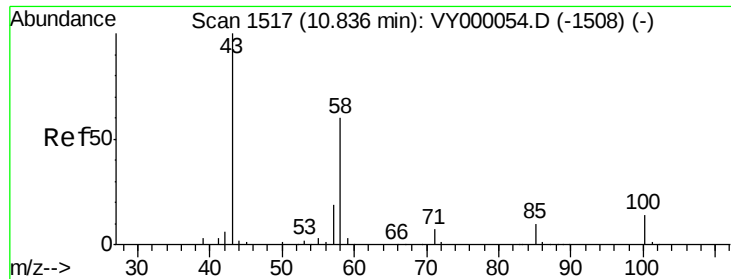
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 9/20/2019 12:40:07 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.823 ug/l
 RT: 9.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Tgt Ion	63	Resp	91252
Ion Ratio	Lower	Upper	
63	100		
106	29.4	23.3	34.9





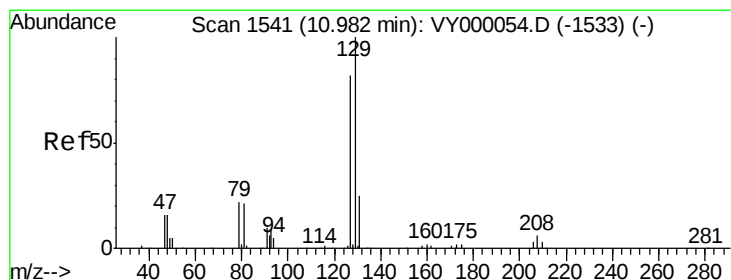
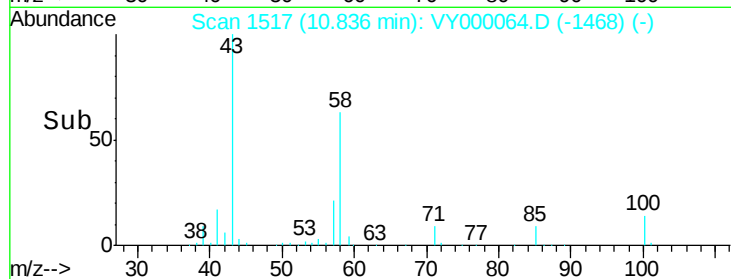
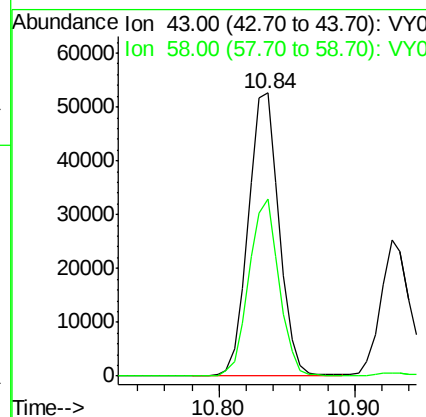
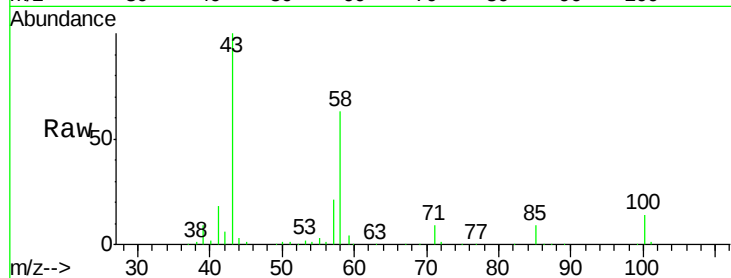
#59
2-Hexanone
Concen: 107.605 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion: 43 Resp: 83600
Ion Ratio Lower Upper
43 100
58 61.3 29.9 89.7

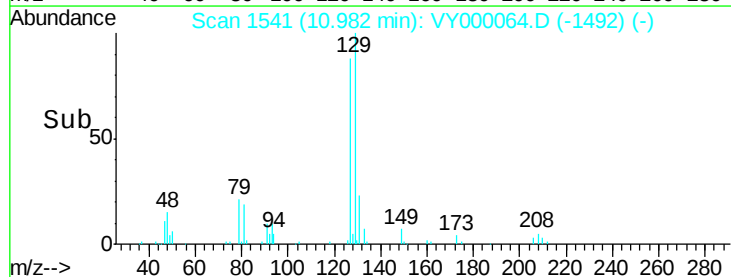
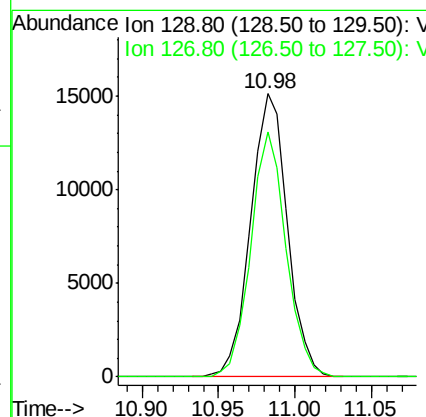
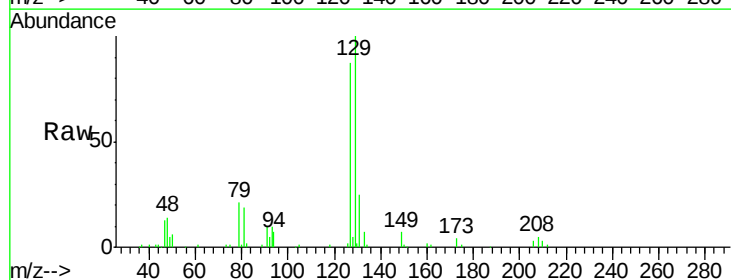
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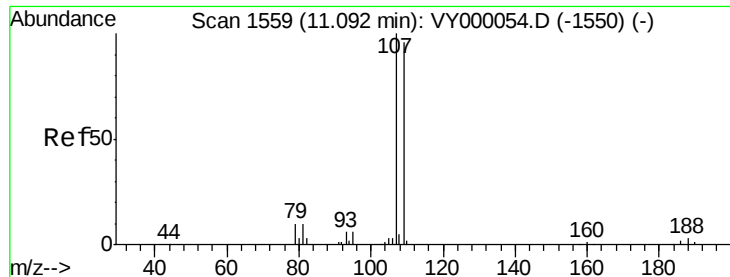
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#60
Dibromochloromethane
Concen: 21.545 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion: 129 Resp: 25303
Ion Ratio Lower Upper
129 100
127 82.8 40.2 120.6





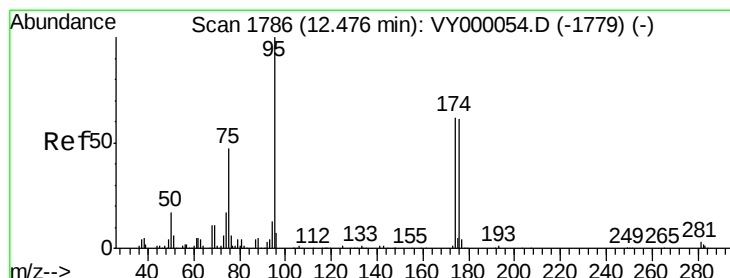
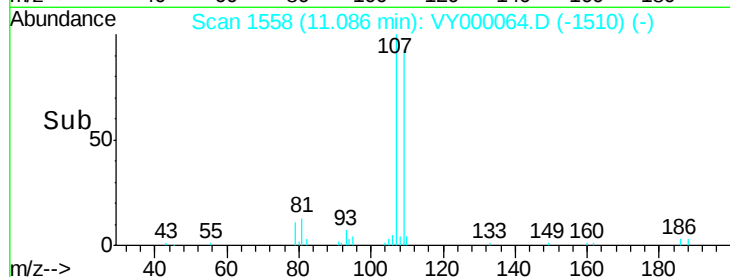
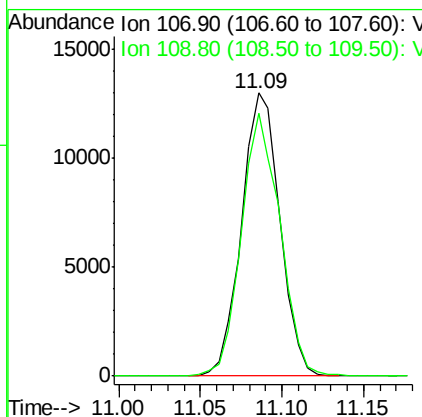
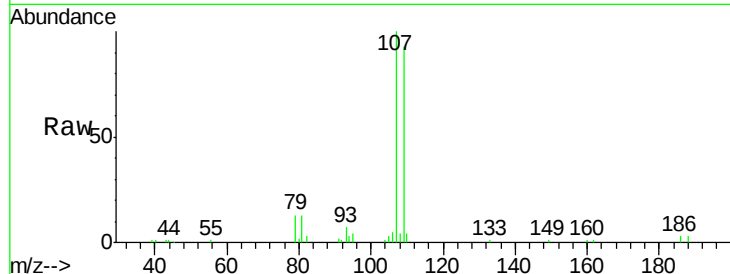
#61
1,2-Dibromoethane
Concen: 20.792 ug/l
RT: 11.09 min Scan# 1558
Delta R.T. -0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.0	112.6

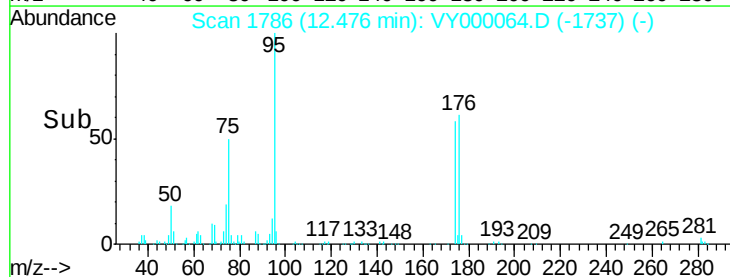
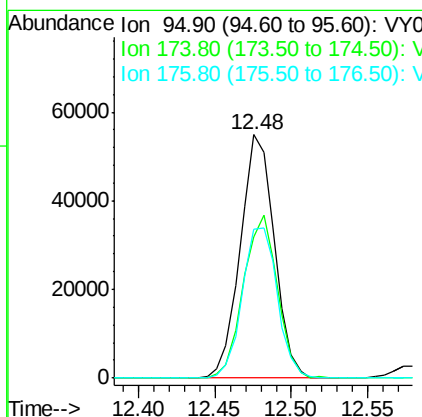
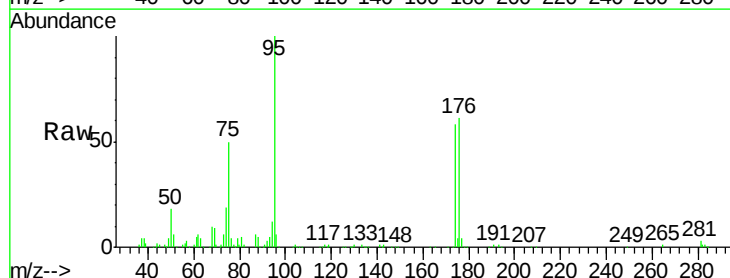
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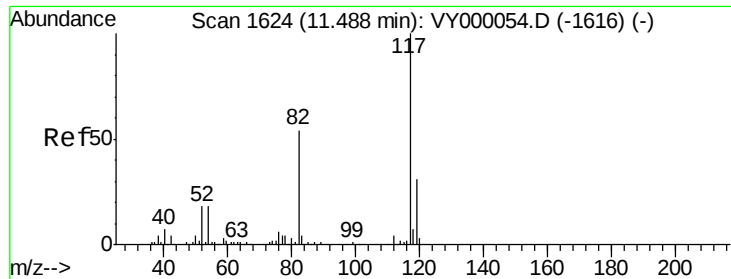
MMDadoda
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#62
4-Bromofluorobenzene
Concen: 46.928 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.8	0.0	137.2
176	64.0	0.0	135.0





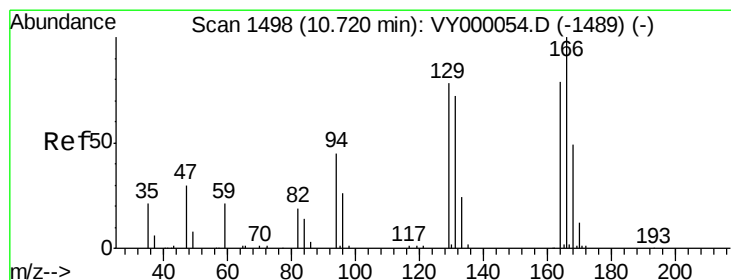
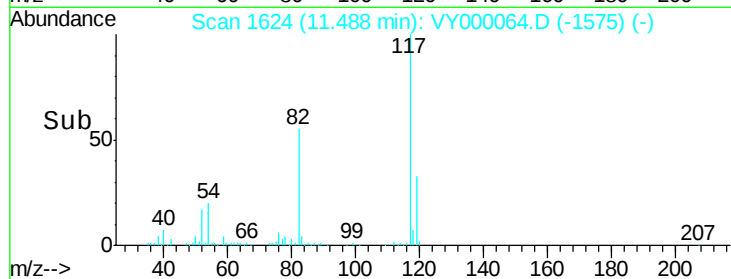
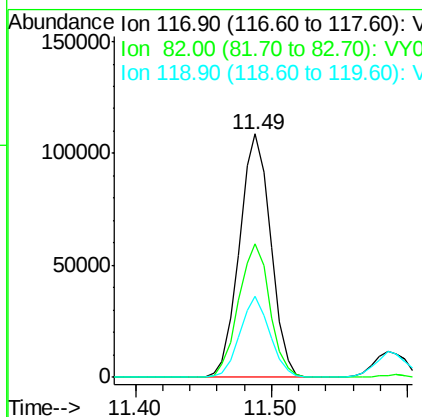
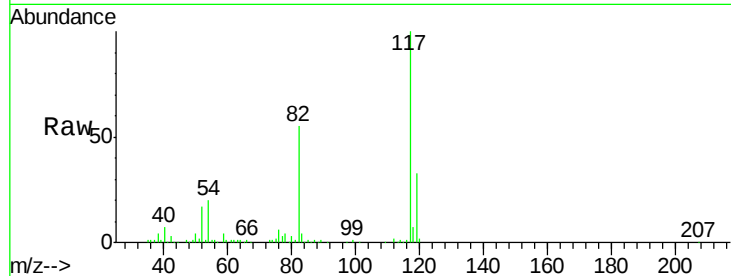
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	174603		
82	54.6	43.5	65.3	
119	33.4	24.6	36.8	

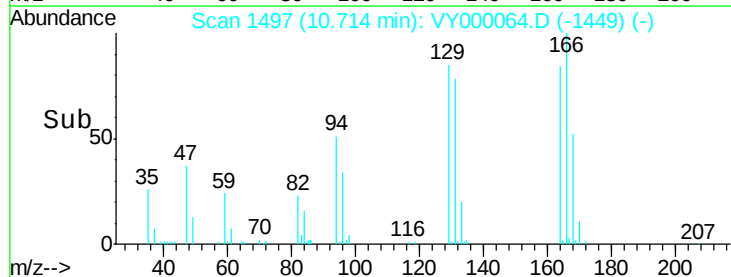
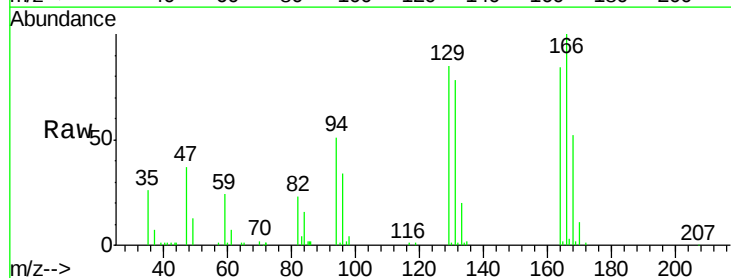
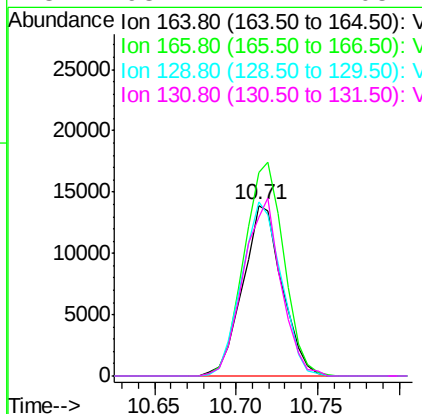
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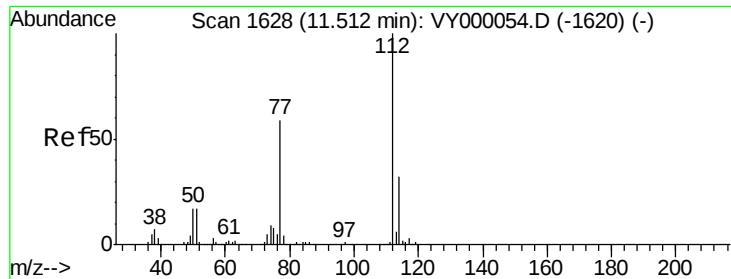
MMDadoda
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#64
Tetrachloroethene
Concen: 21.223 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	23258		
166	119.2	100.9	151.3	
129	101.9	78.4	117.6	
131	93.1	72.2	108.2	





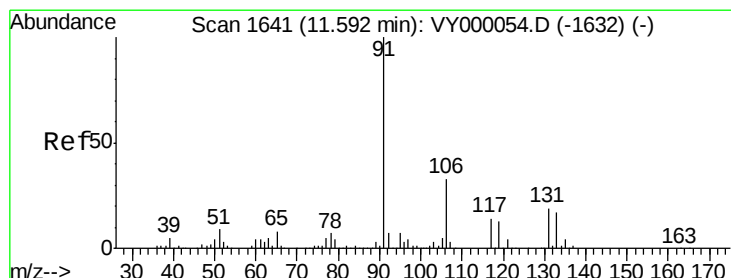
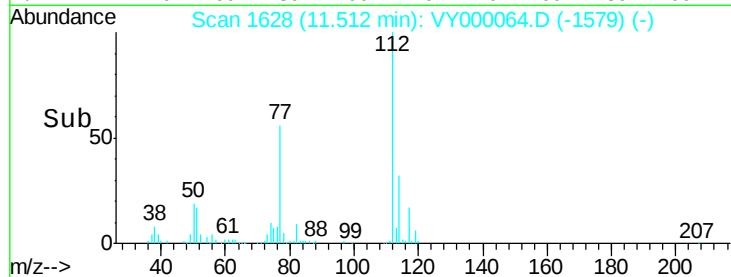
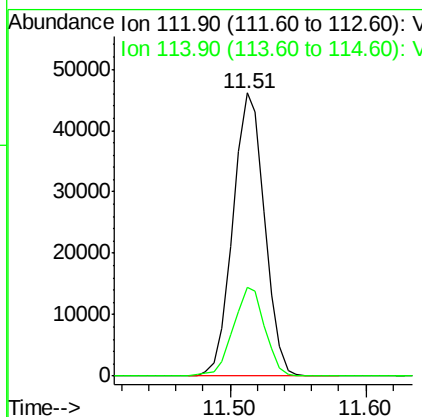
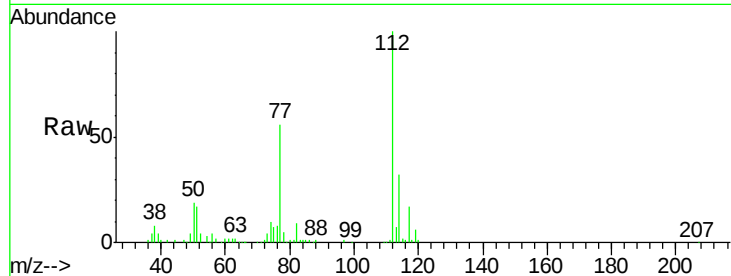
#65
Chlorobenzene
Concen: 21.613 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion:112 Resp: 74645
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4

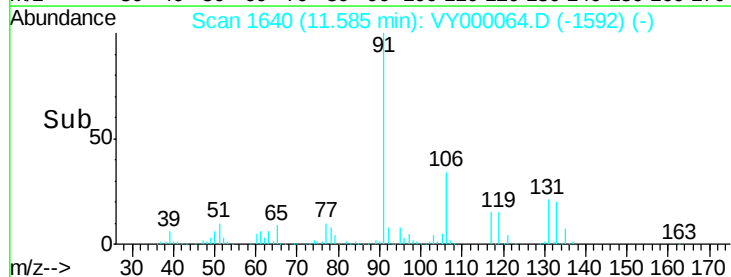
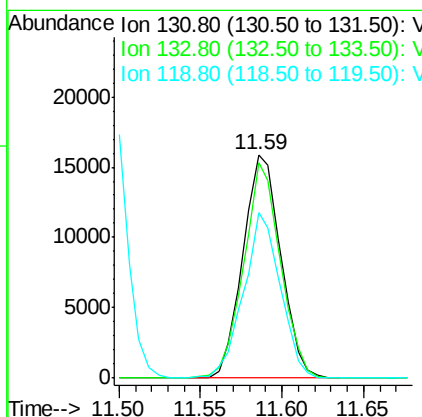
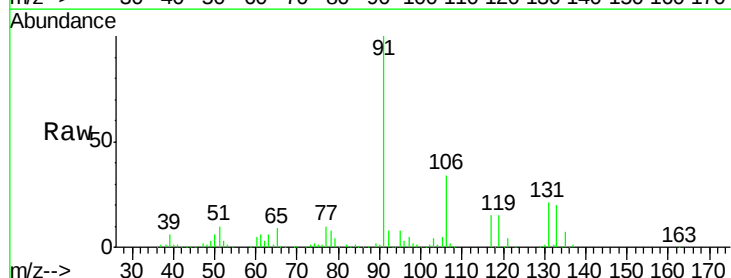
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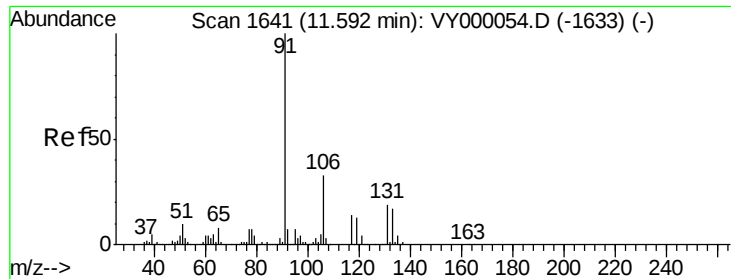
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.043 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. -0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion:131 Resp: 25741
Ion Ratio Lower Upper
131 100
133 93.8 46.6 139.8
119 72.0 36.2 108.6





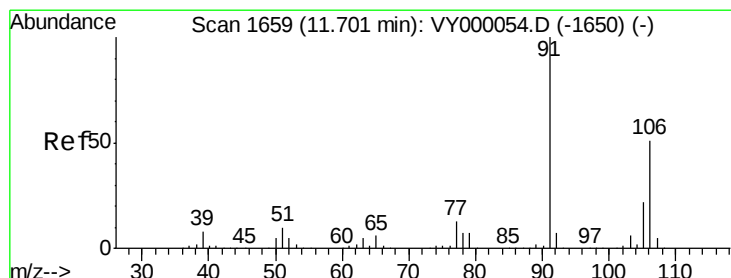
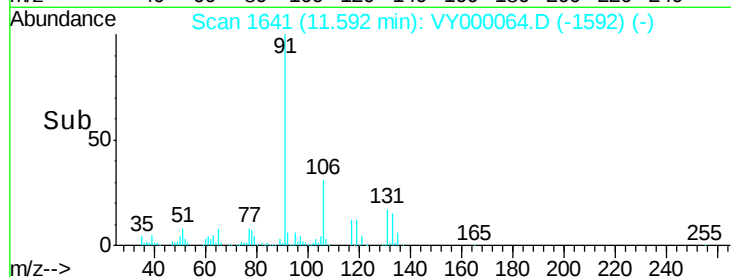
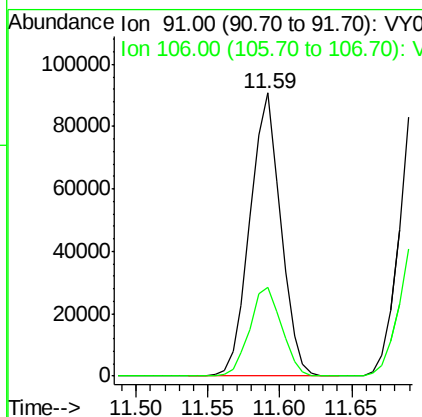
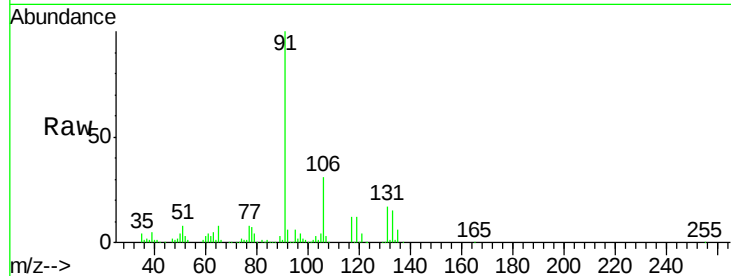
#67
Ethyl Benzene
Concen: 21.735 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion: 91 Resp: 133969
Ion Ratio Lower Upper
91 100
106 31.4 26.6 40.0

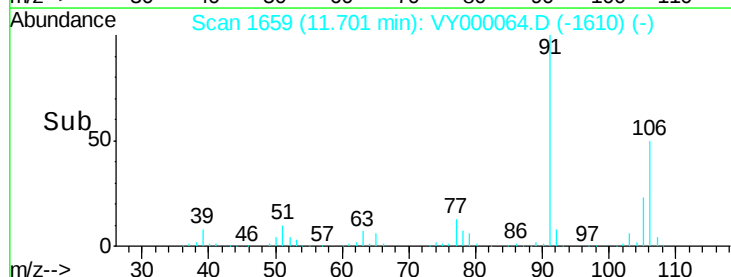
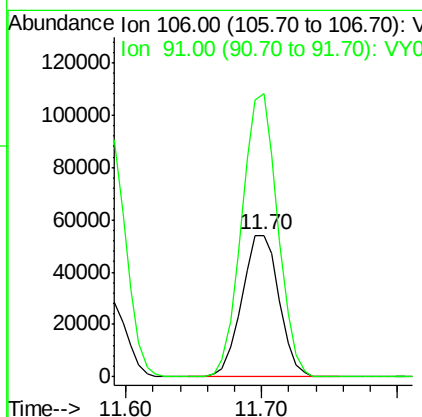
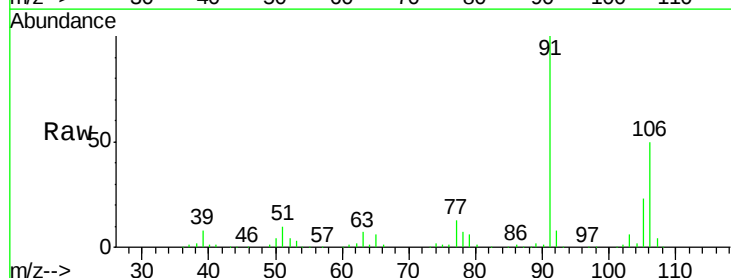
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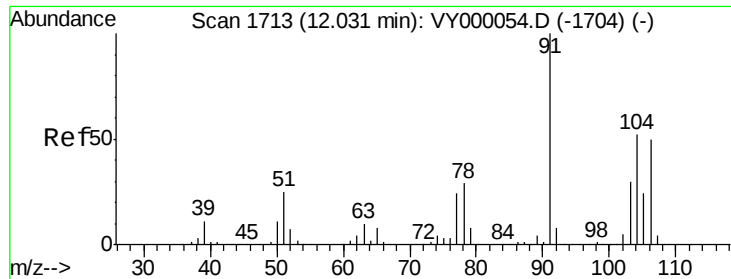
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#68
m/p-Xylenes
Concen: 44.153 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion: 106 Resp: 103552
Ion Ratio Lower Upper
106 100
91 193.1 154.5 231.7





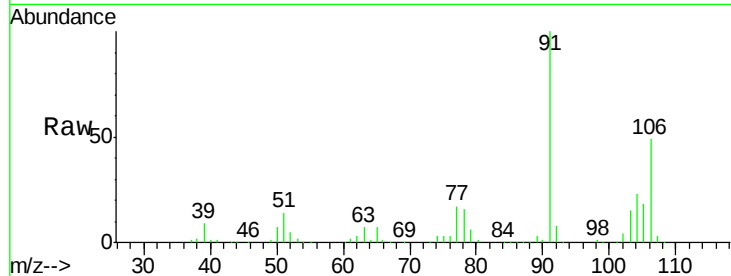
#69
o-Xylene
Concen: 22.058 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

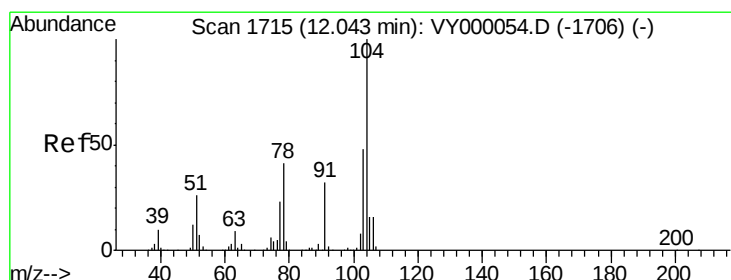
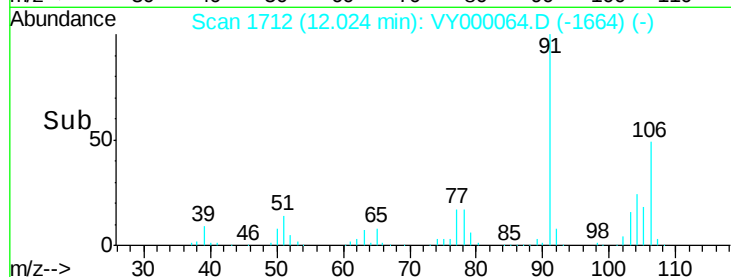
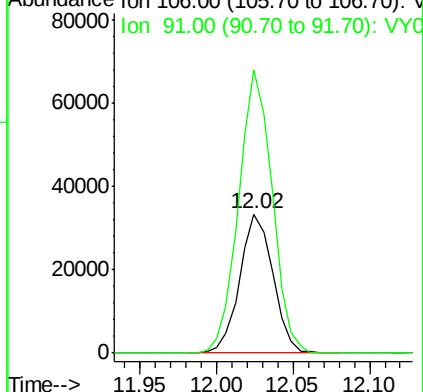
Tot Ion:106 Resp: 50091
Ion Ratio Lower Upper
106 100
91 206.3 103.5 310.3

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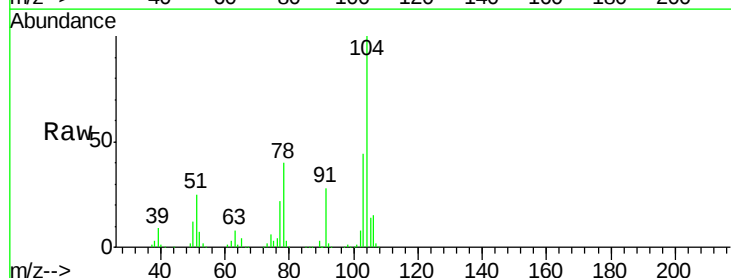


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

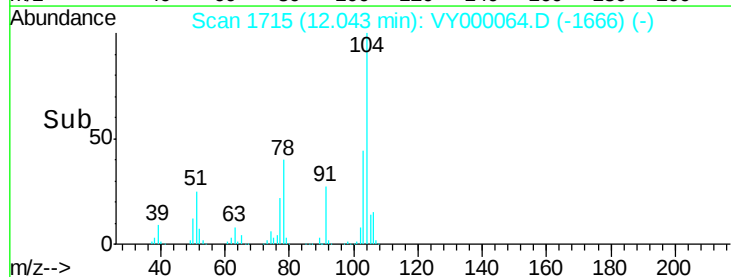
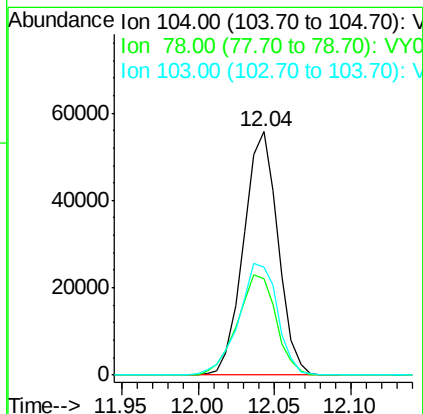


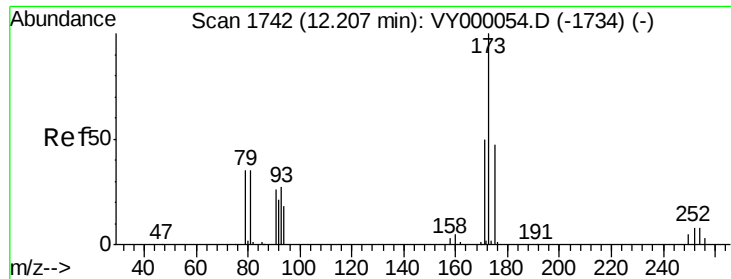
#70
Styrene
Concen: 21.775 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion:104 Resp: 86810
Ion Ratio Lower Upper
104 100
78 46.5 37.7 56.5
103 51.7 42.2 63.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





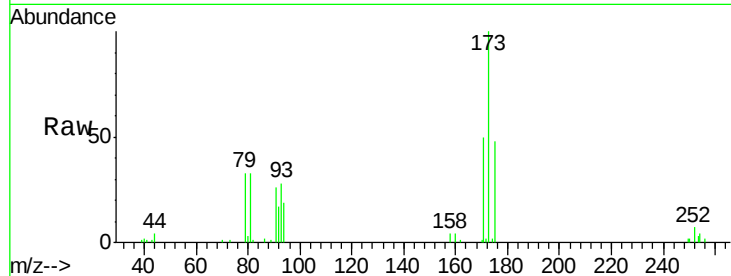
#71
Bromoform
Concen: 21.441 ug/l
RT: 12.20 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

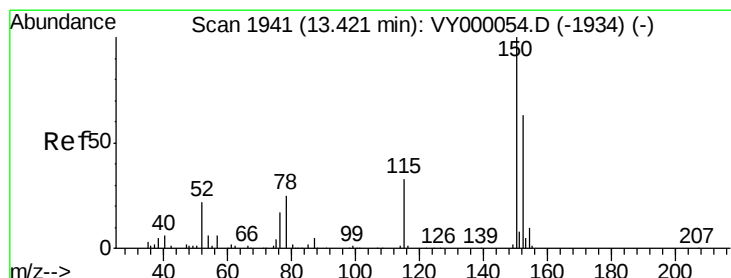
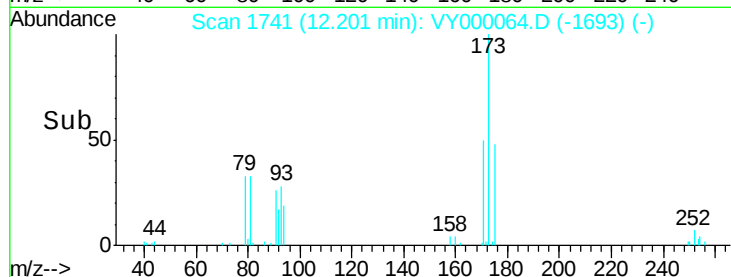
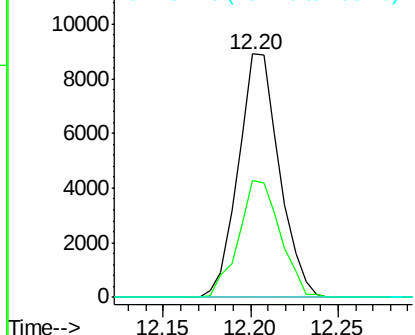
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.6	71.0
254	0.0	0.0	0.0

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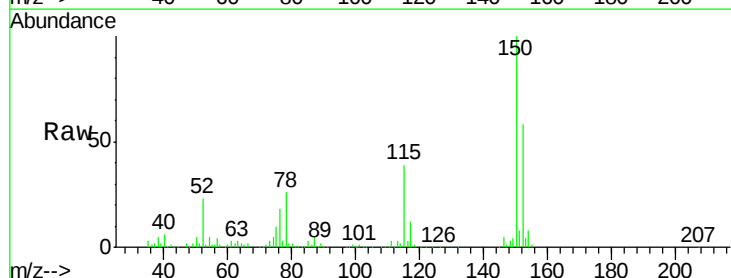


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

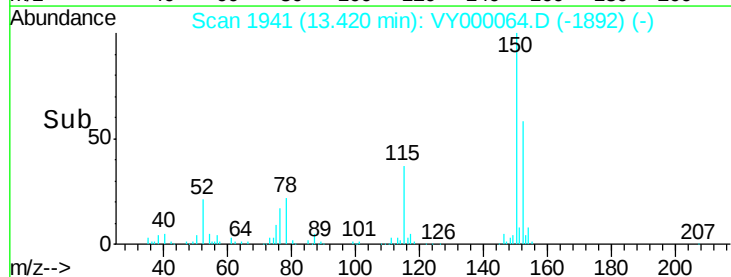
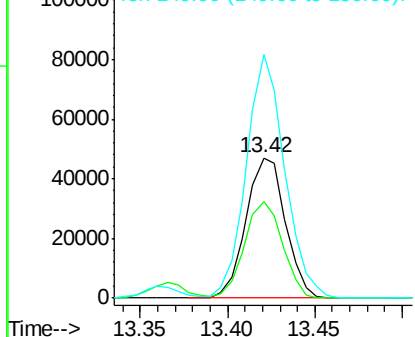


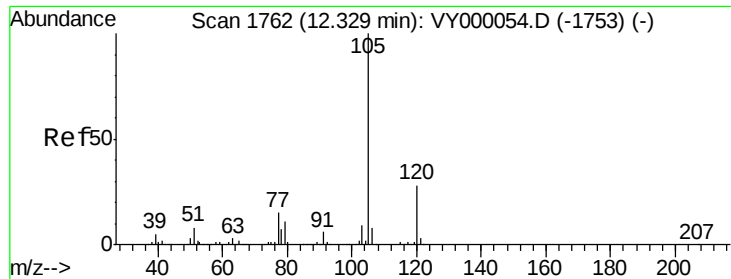
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.8	30.7	92.1
150	169.3	0.0	351.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.176 ug/l

RT: 12.33 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion:105 Resp: 131916

Ion Ratio Lower Upper

105 100

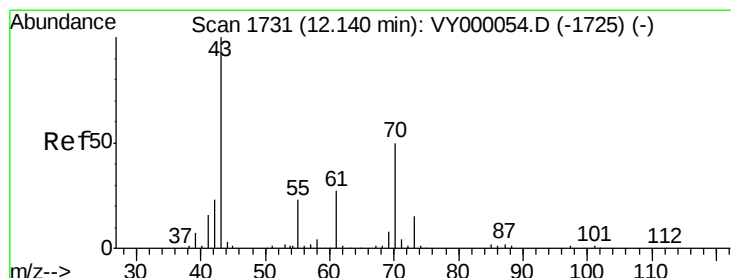
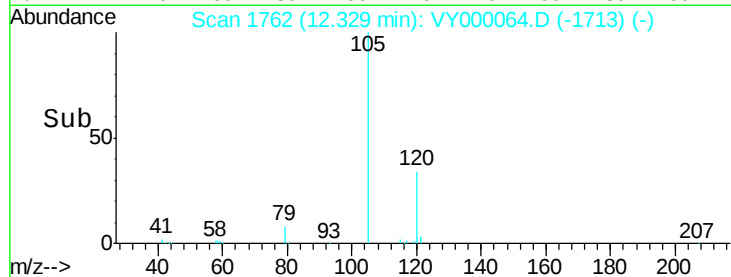
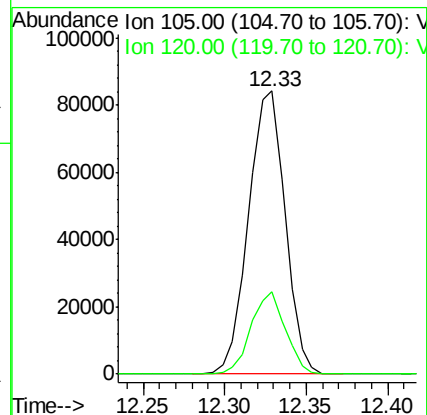
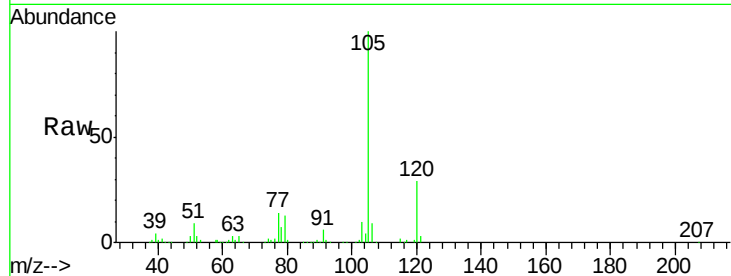
120 27.3 13.9 41.7

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#74

N-ethyl acetate

Concen: 22.286 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Tgt Ion: 43 Resp: 37768

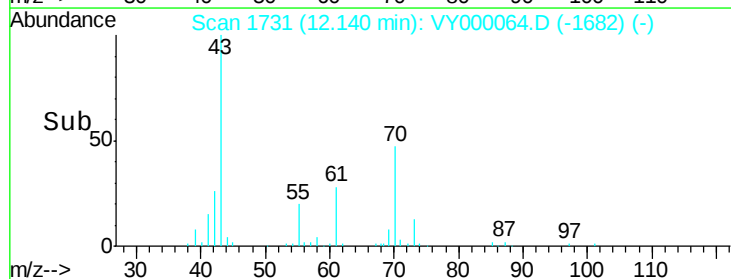
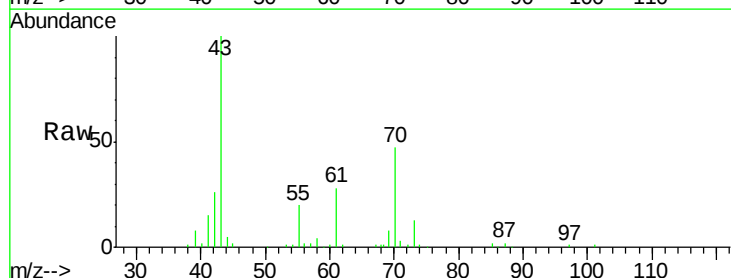
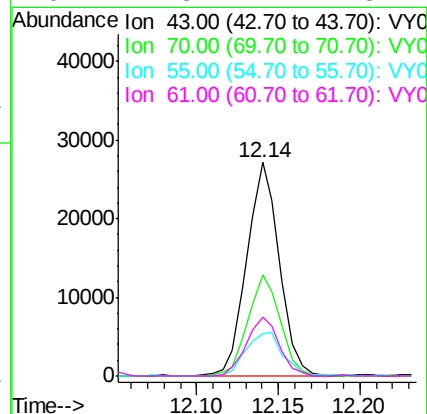
Ion Ratio Lower Upper

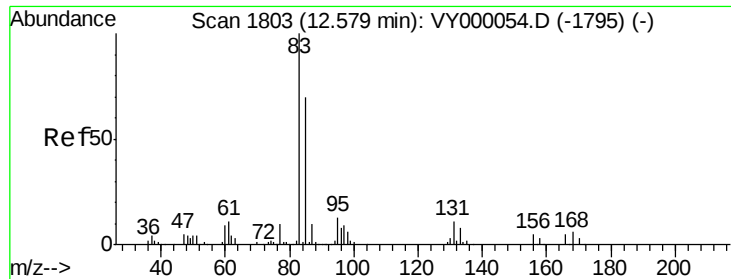
43 100

70 47.0 38.8 58.2

55 23.5 18.8 28.2

61 27.8 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.312 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Instrument :

MSVOA_Y

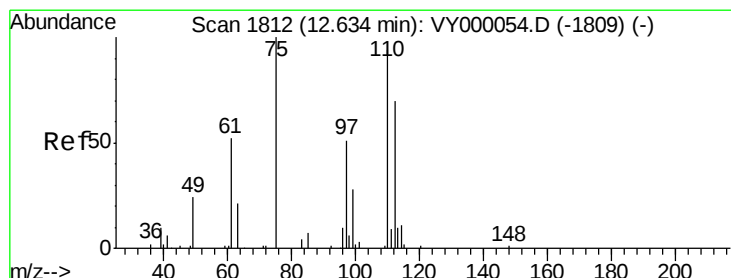
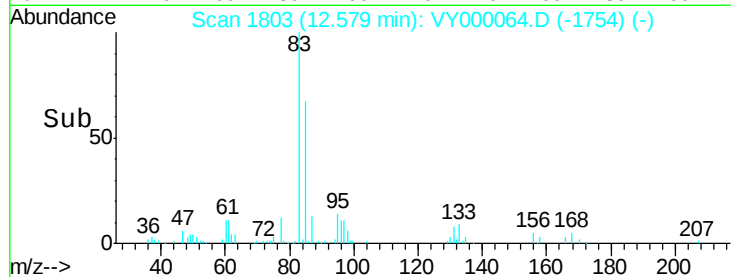
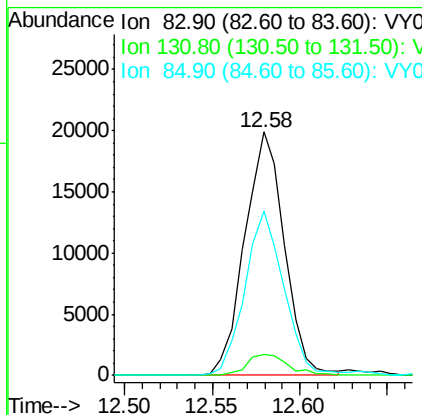
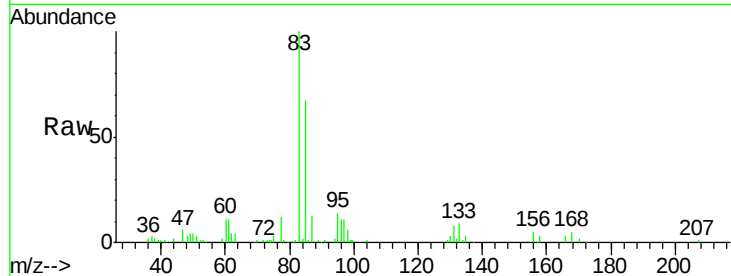
ClientSampleId :

VY0918SBS01

Tot Ion:	83	Resp:	31244
Ion Ratio	Lower	Upper	
83	100		
131	8.9	4.9	14.7
85	65.9	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.683 ug/l m

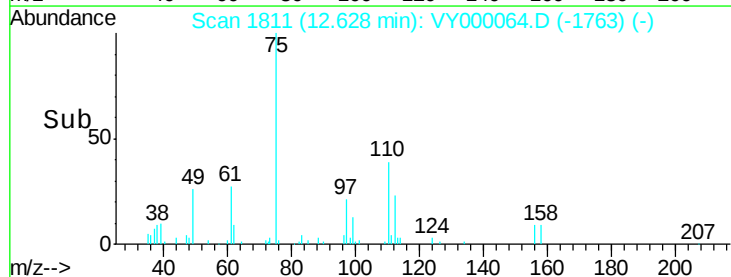
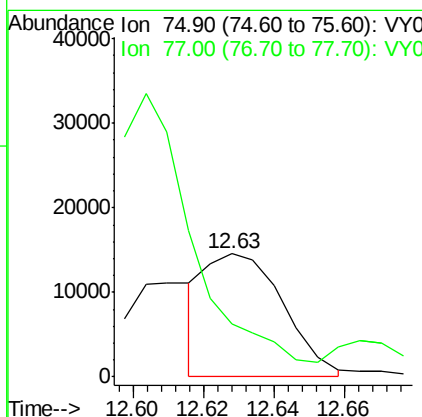
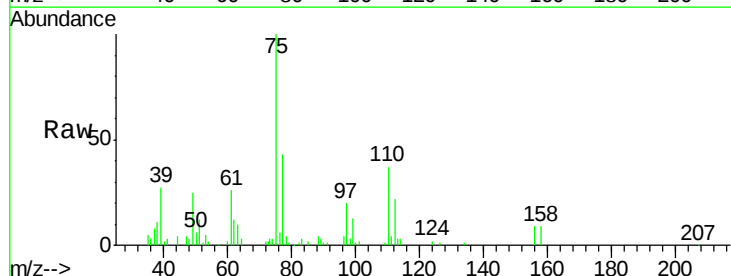
RT: 12.63 min Scan# 1811

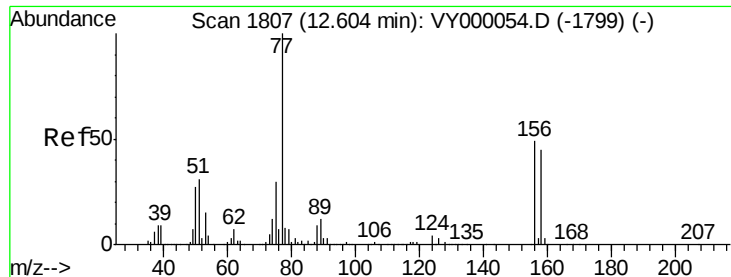
Delta R.T. -0.01 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Tgt Ion:	75	Resp:	22519
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.256 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion:156 Resp: 27645

Ion Ratio Lower Upper

156 100

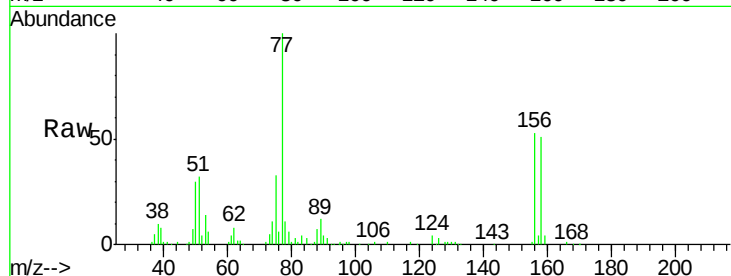
77 218.8 109.7 329.0

158 97.4 48.0 144.2

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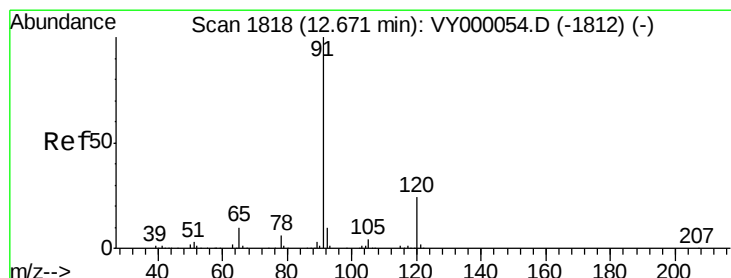
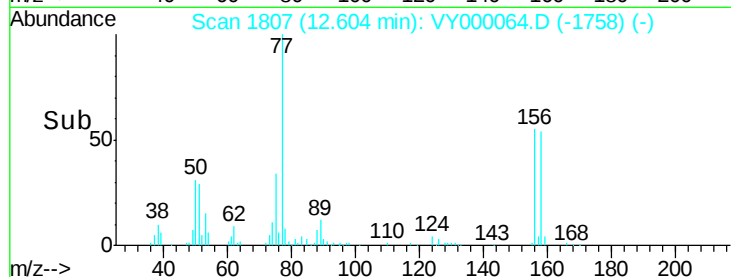
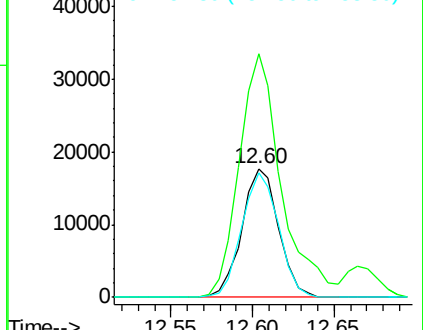
9/20/2019 12:40:07 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.232 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY000064.D

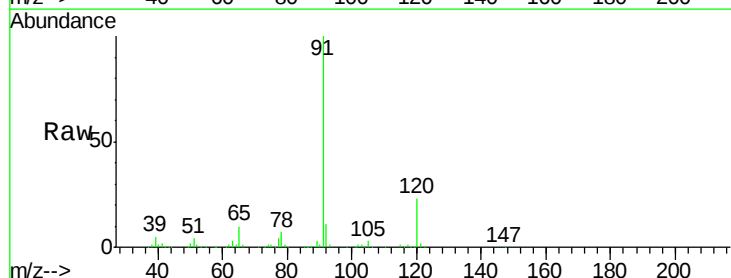
Acq: 18 Sep 2019 16:41

Tgt Ion: 91 Resp: 161325

Ion Ratio Lower Upper

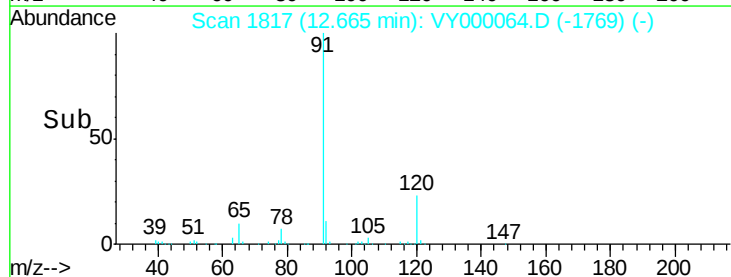
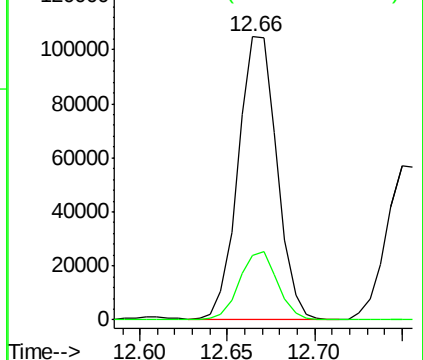
91 100

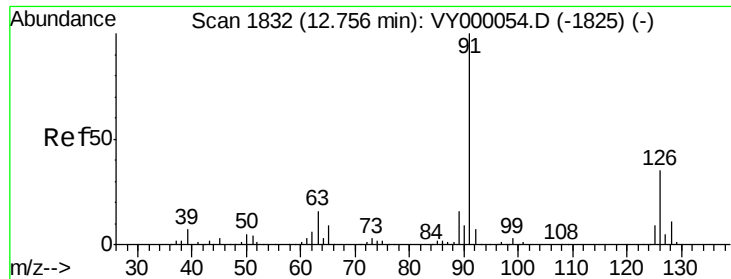
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.357 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion: 91 Resp: 90695

Ion Ratio Lower Upper

91 100

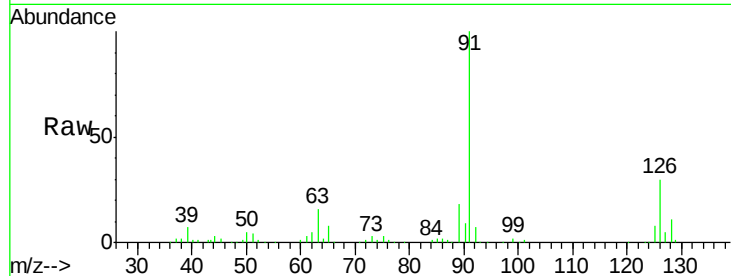
126 33.2 17.2 51.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY000054.D (-1825) (-)

Ion 125.90 (125.60 to 126.60): VY000054.D (-1825) (-)

80000

60000

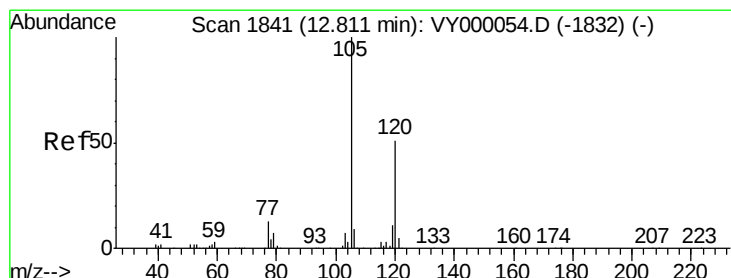
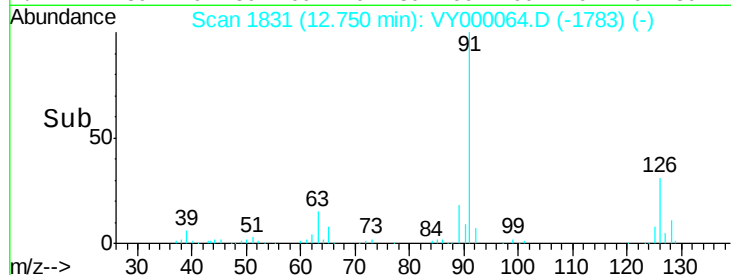
40000

20000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.341 ug/l

RT: 12.80 min Scan# 1840

Delta R.T. -0.01 min

Lab File: VY000064.D

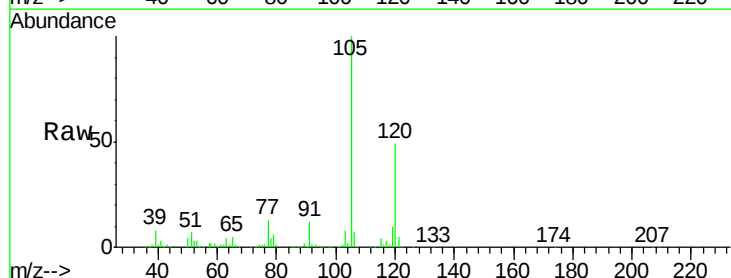
Acq: 18 Sep 2019 16:41

Tgt Ion: 105 Resp: 110087

Ion Ratio Lower Upper

105 100

120 47.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY000054.D (-1832) (-)

Ion 120.00 (119.70 to 120.70): VY000054.D (-1832) (-)

80000

60000

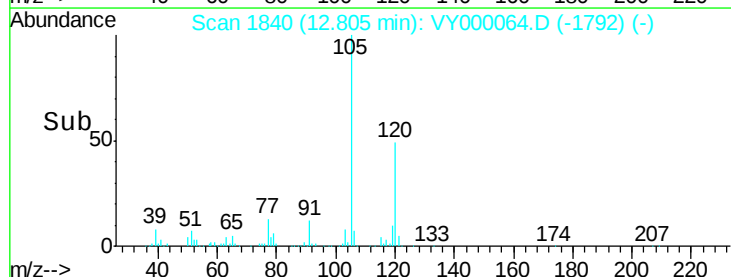
40000

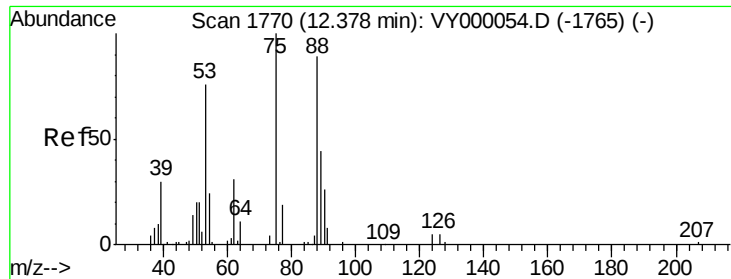
20000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 22.070 ug/l

RT: 12.37 min Scan# 1769

Delta R.T. -0.01 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Instrument :

MSVOA_Y

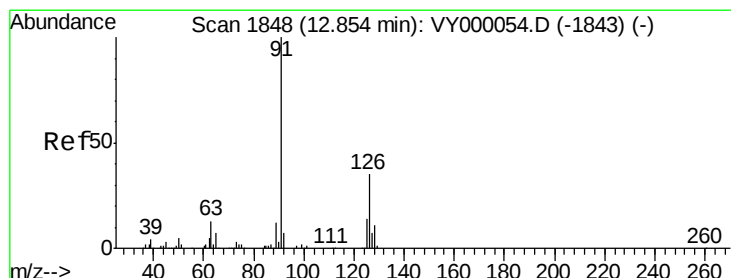
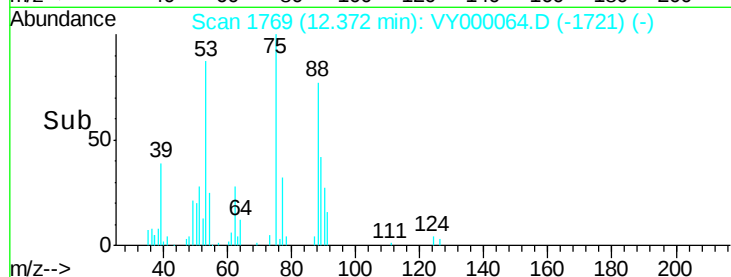
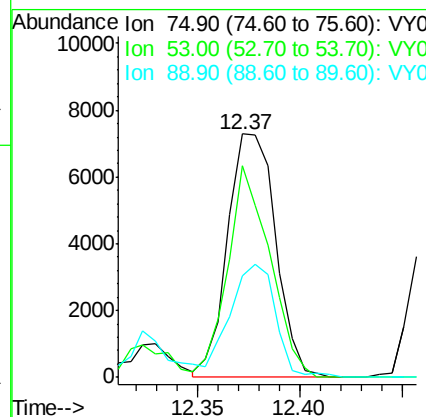
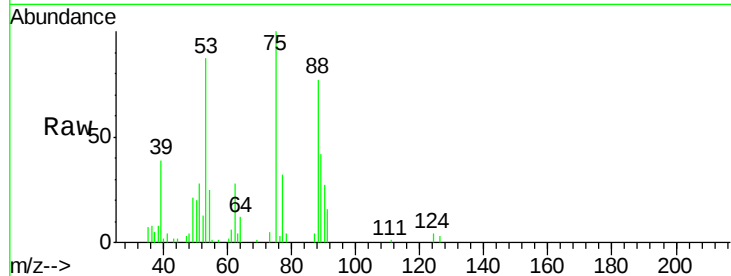
ClientSampleId :

VY0918SBS01

Tot Ion:	75	Resp:	11918
Ion Ratio	Lower	Upper	
75	100		
53	76.1	60.9	91.3
89	43.8	35.3	52.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 22.011 ug/l

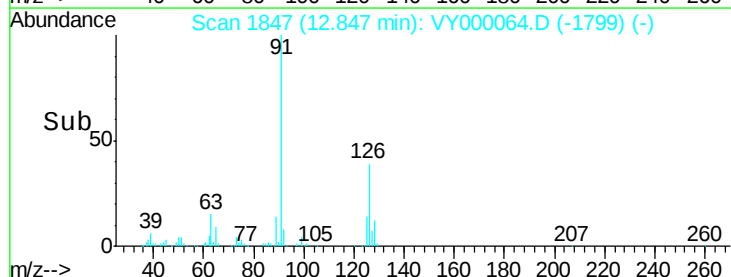
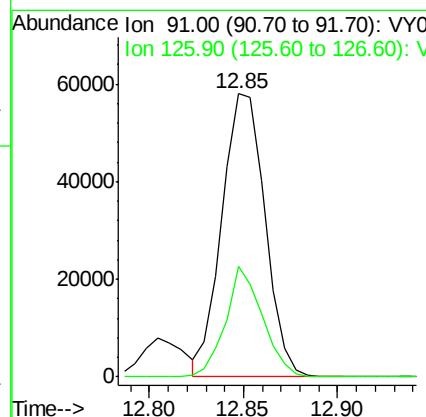
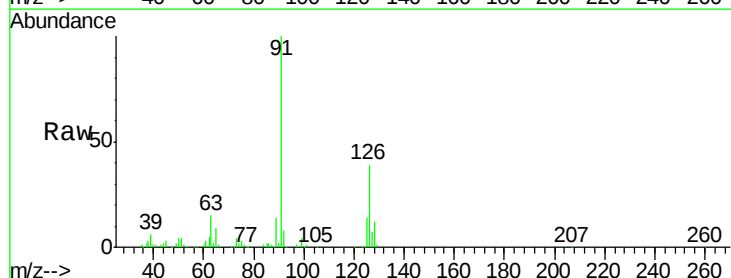
RT: 12.85 min Scan# 1847

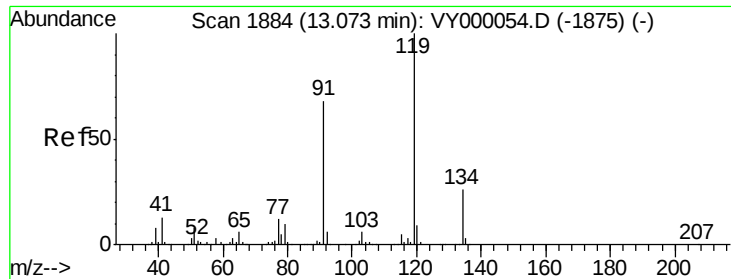
Delta R.T. -0.01 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Tgt Ion:	91	Resp:	92331
Ion Ratio	Lower	Upper	
91	100		
126	33.4	16.7	50.1





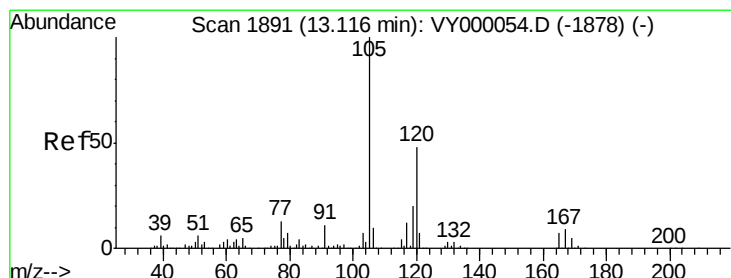
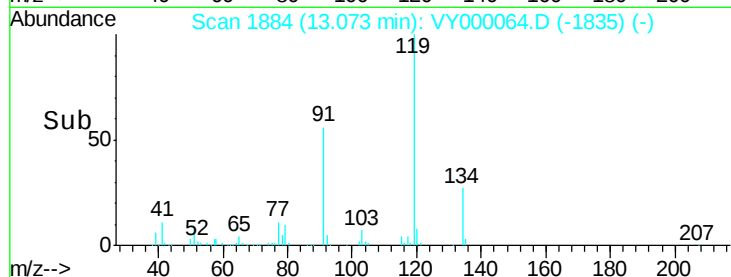
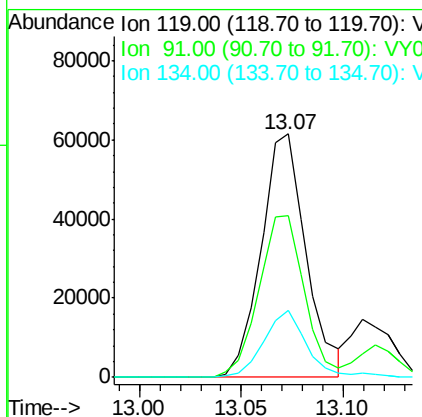
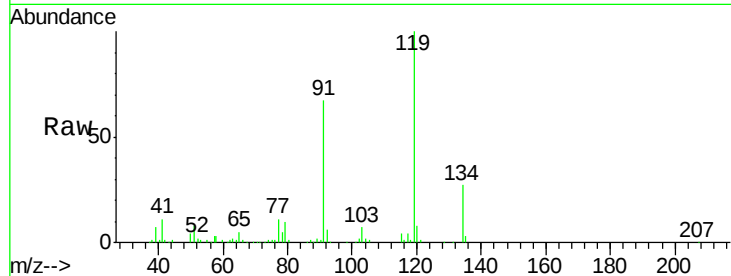
#83
tert-Butylbenzene
Concen: 22.331 ug/l
RT: 13.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.3	33.4	100.1
134	26.7	12.7	38.0

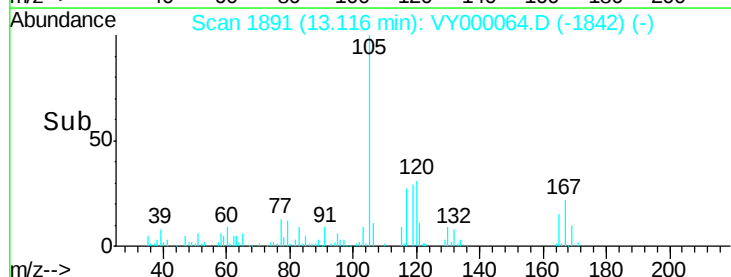
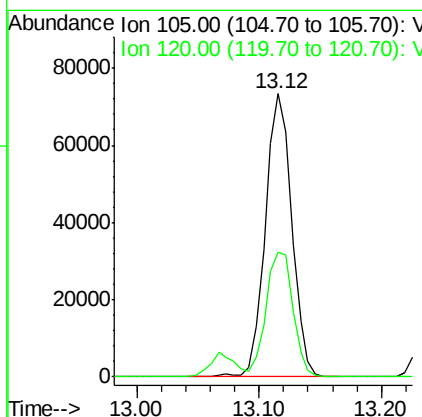
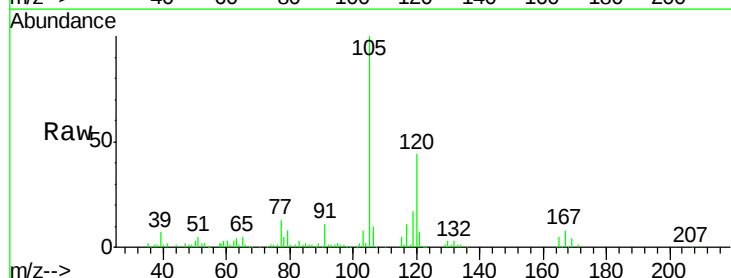
Manual Integrations
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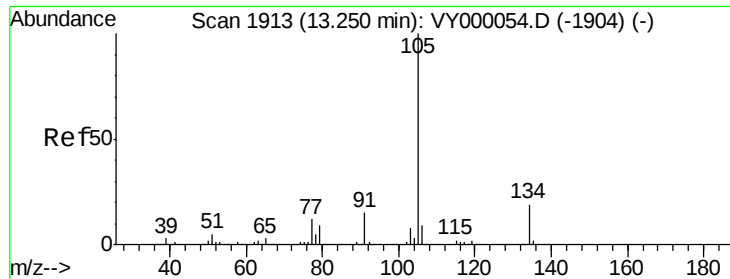
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 22.730 ug/l
RT: 13.12 min Scan# 1891
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.9	68.7





#85

sec-Butylbenzene

Concen: 22.267 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBS01

Tot Ion:105 Resp: 138692

Ion Ratio Lower Upper

105 100

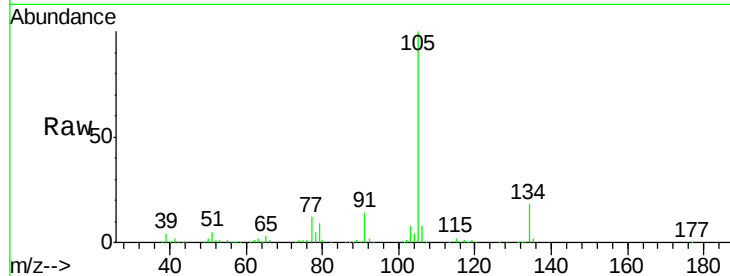
134 19.6 9.8 29.4

Manual Integrations

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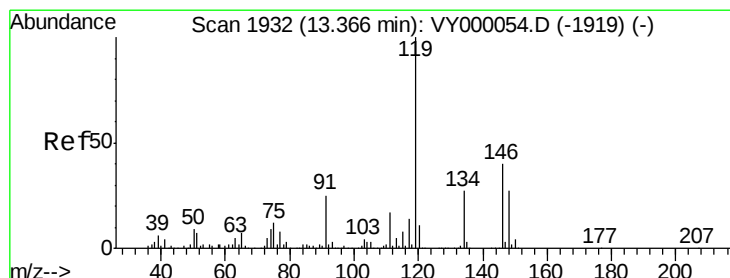
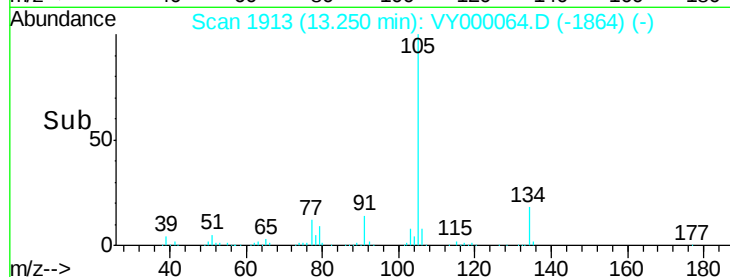
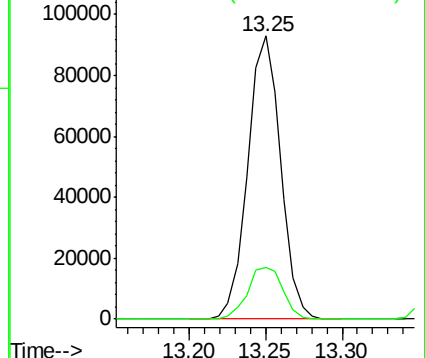
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.267 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000064.D

Acq: 18 Sep 2019 16:41

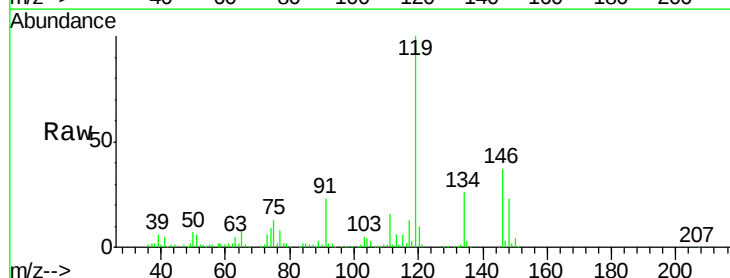
Tgt Ion:119 Resp: 117561

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

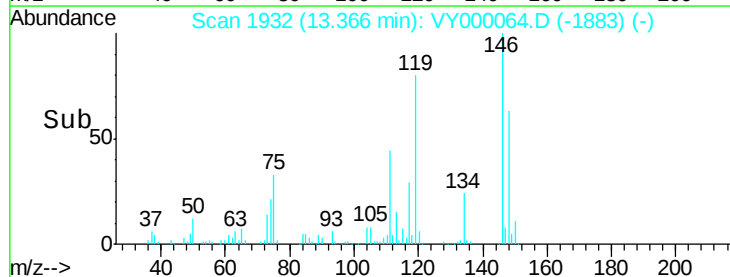
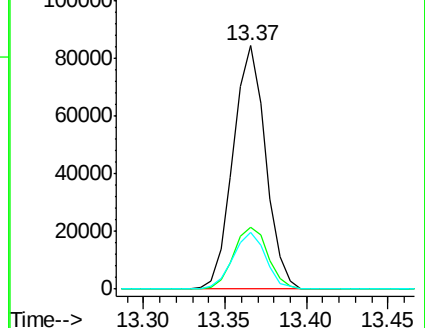
91 23.5 12.4 37.4

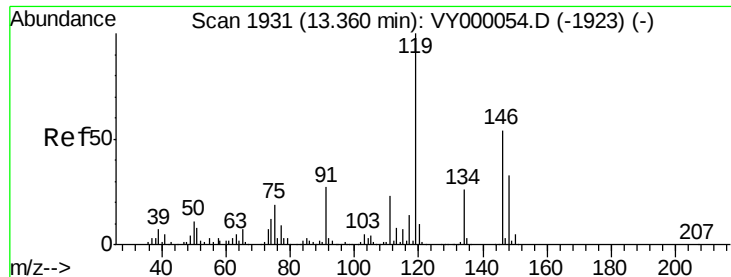


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





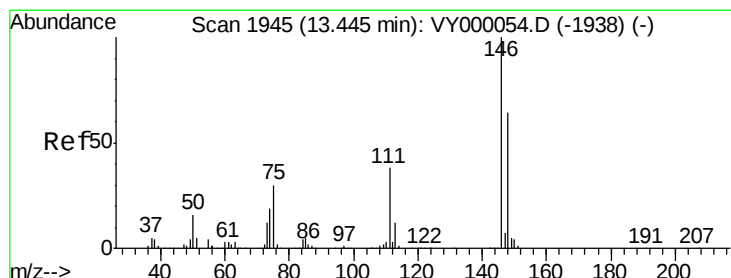
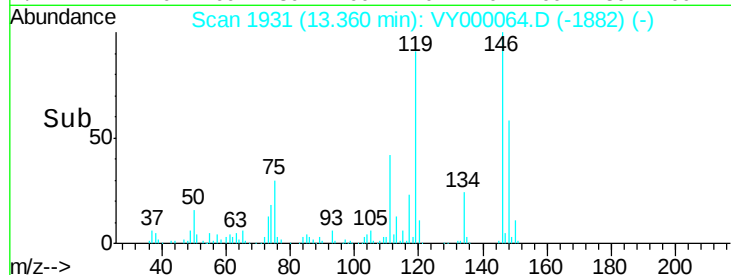
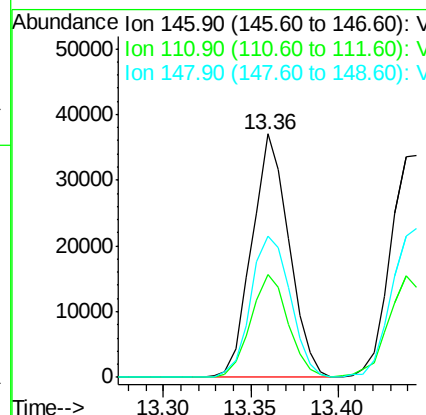
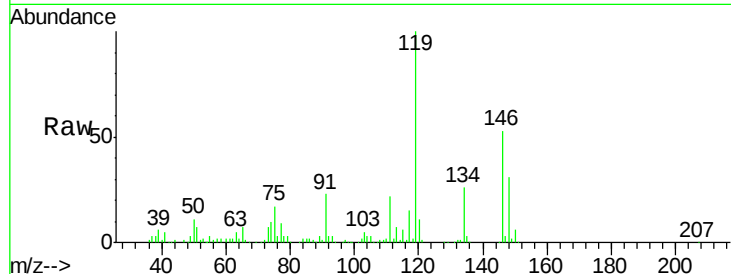
#87
 1,3-Dichlorobenzene
 Concen: 22.235 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.1
148	61.6	31.8	95.3

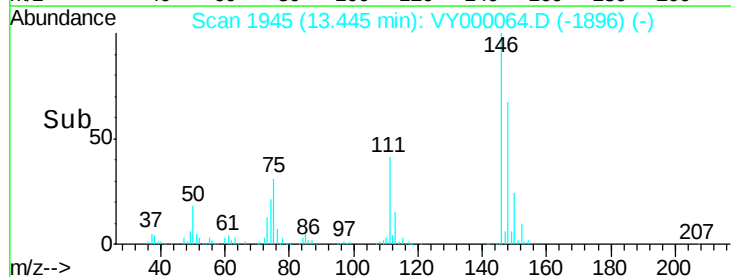
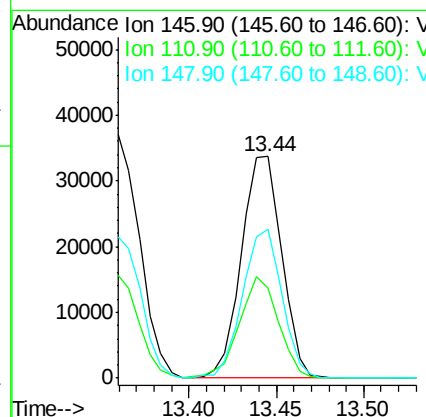
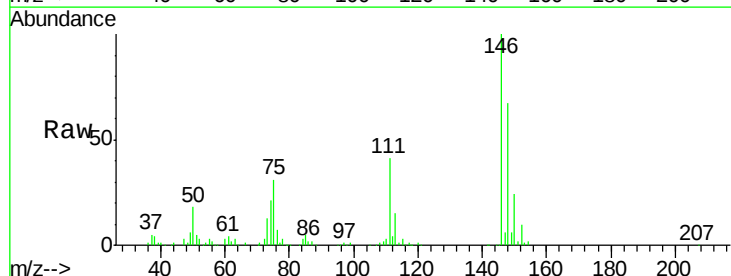
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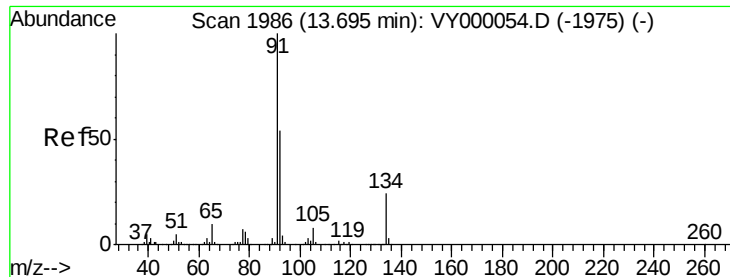
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#88
 1,4-Dichlorobenzene
 Concen: 21.888 ug/l
 RT: 13.44 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	20.8	62.4
148	65.6	31.5	94.5





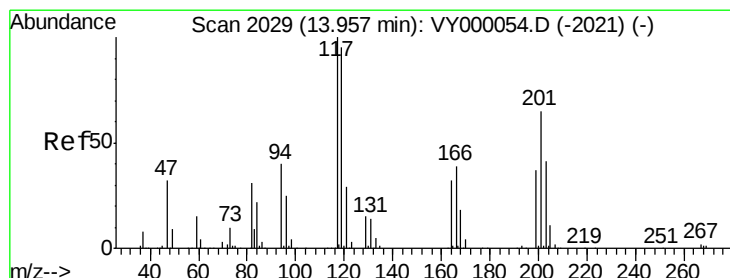
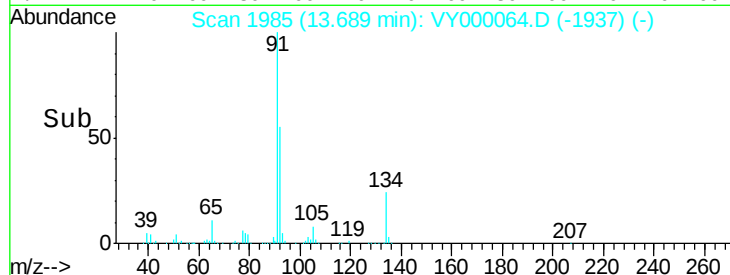
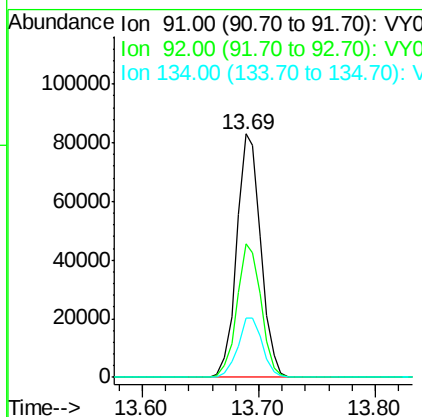
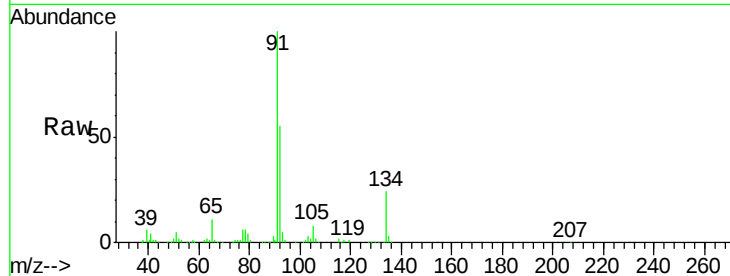
#89
n-Butylbenzene
Concen: 21.903 ug/l
RT: 13.69 min Scan# 1985
Delta R.T. -0.01 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.0	27.2	81.5	
134	24.8	12.2	36.6	

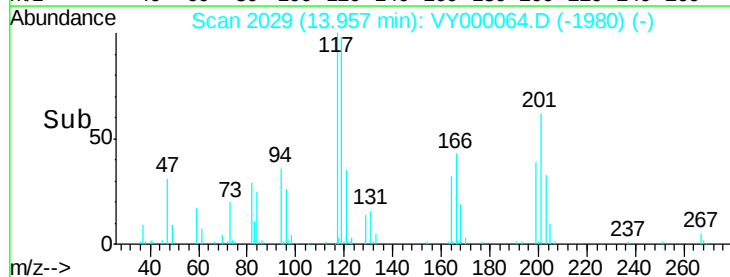
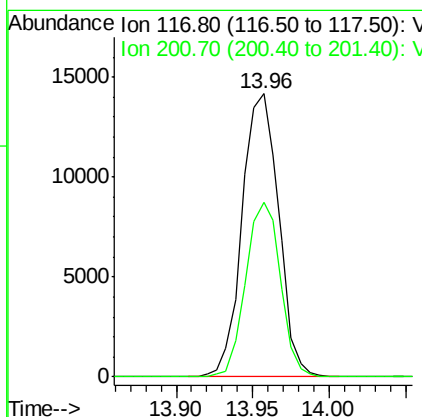
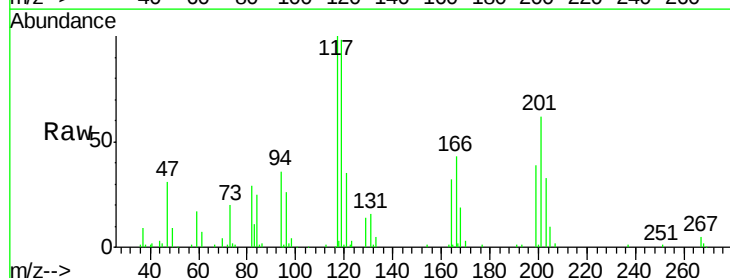
Manual Integrations
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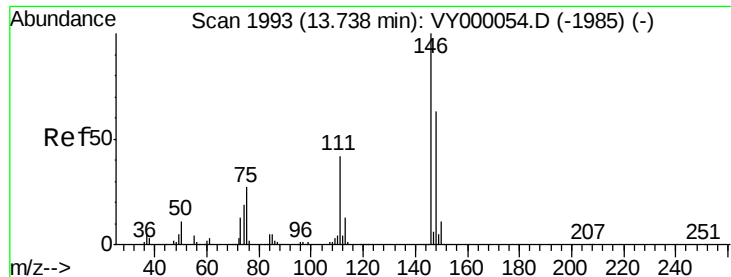
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#90
Hexachloroethane
Concen: 22.684 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	58.6	30.6	92.0	





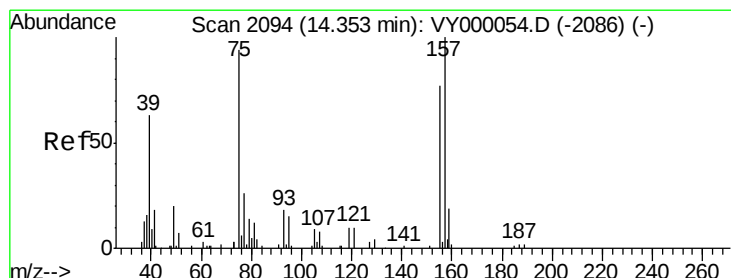
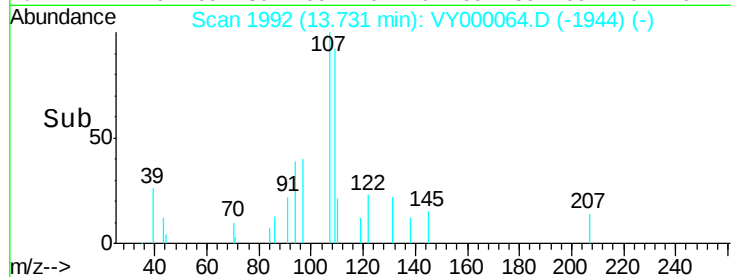
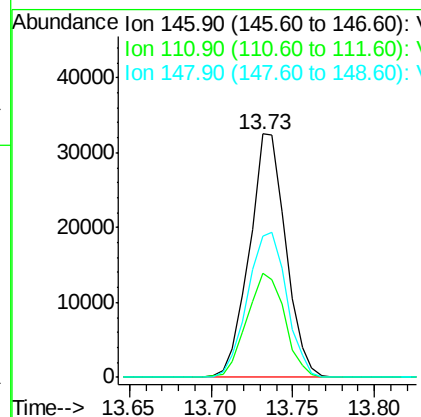
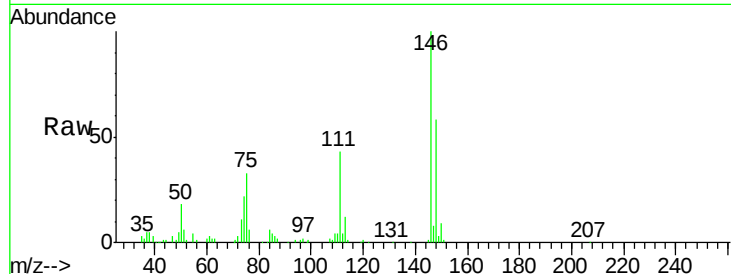
#91
 1,2-Dichlorobenzene
 Concen: 21.869 ug/l
 RT: 13.73 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.9	65.7
148	63.7	32.4	97.2

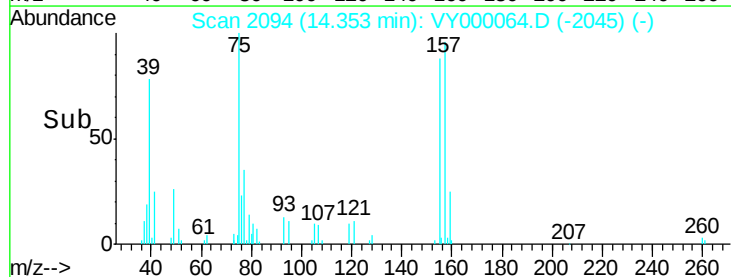
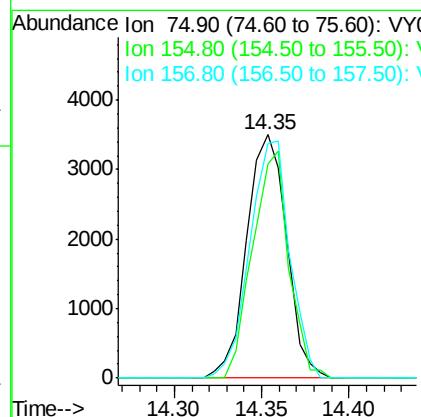
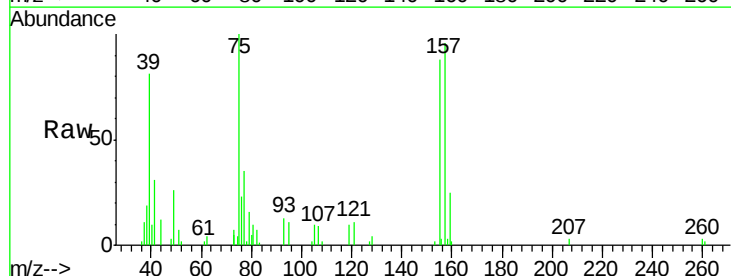
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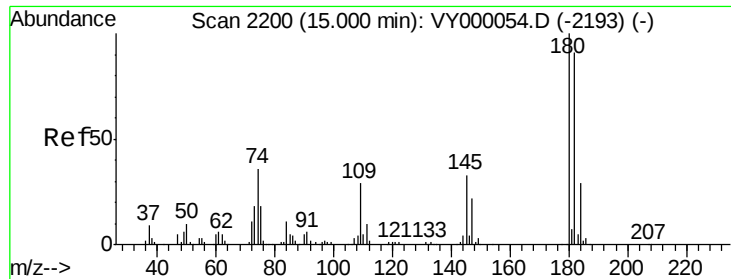
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.313 ug/l
 RT: 14.35 min Scan# 2094
 Delta R.T. -0.00 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.9	40.6	121.7
157	97.6	52.9	158.8





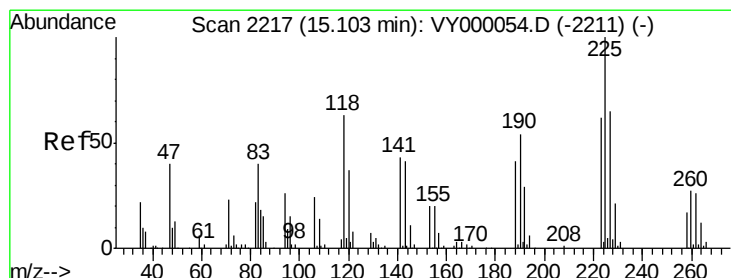
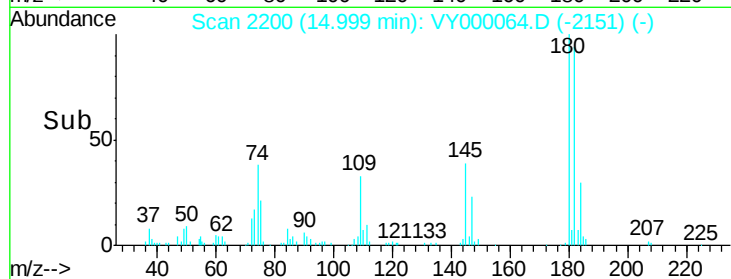
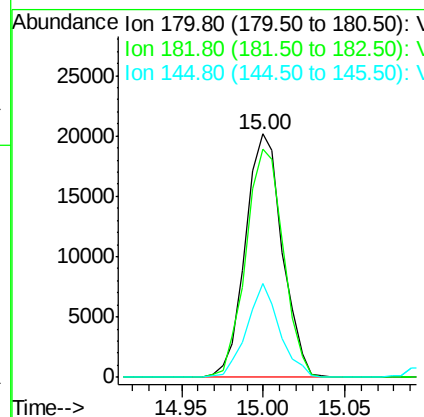
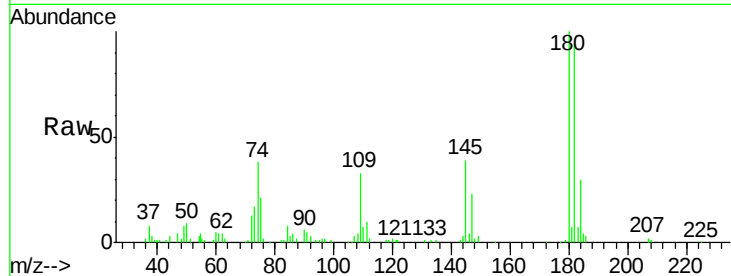
#93
 1,2,4-Trichlorobenzene
 Concen: 22.797 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	31845		
182	94.8	48.5	145.6	
145	34.6	17.2	51.6	

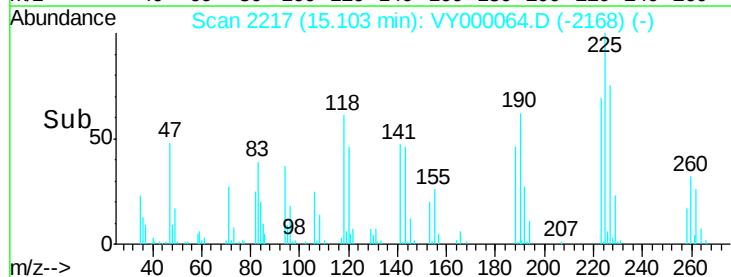
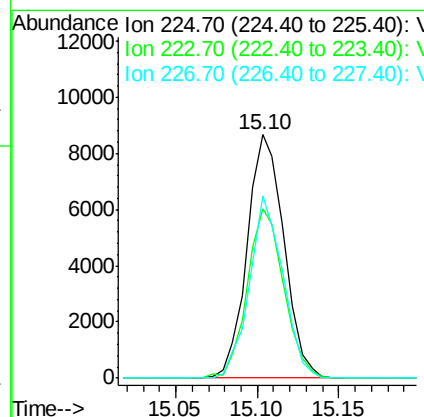
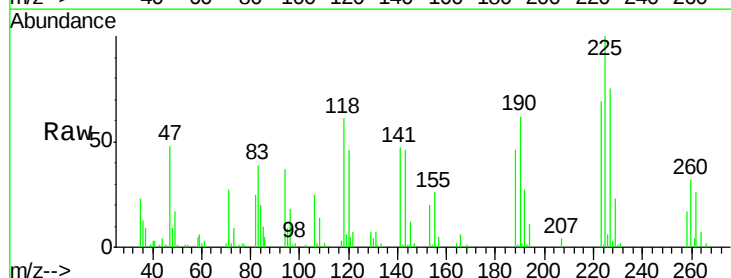
Manual Integrations
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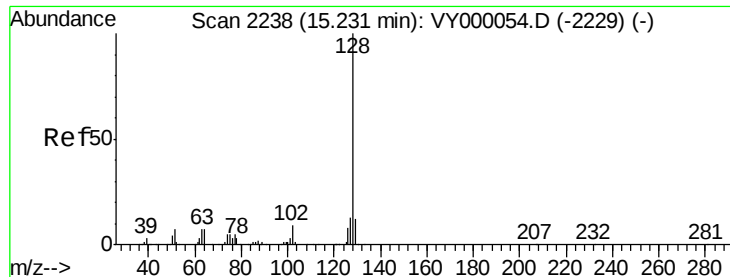
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 9/20/2019 12:40:07 AM



#94
 Hexachlorobutadiene
 Concen: 20.300 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: VY000064.D
 Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	13615		
223	68.8	31.9	95.5	
227	68.3	30.6	91.6	





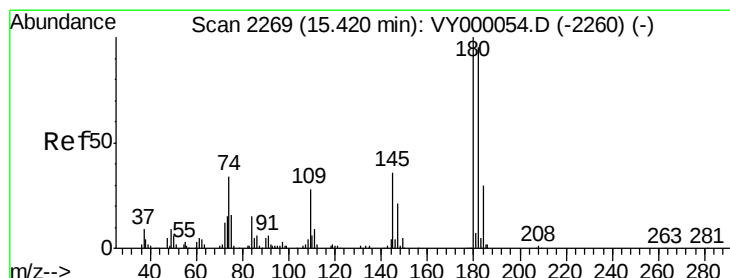
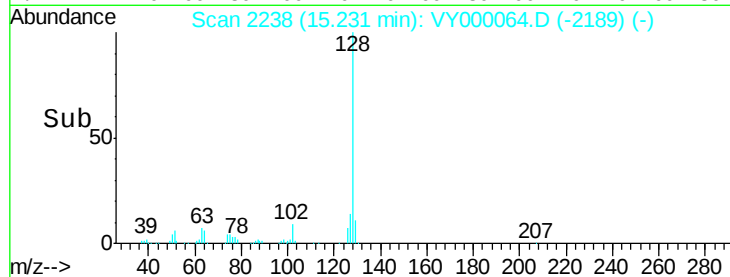
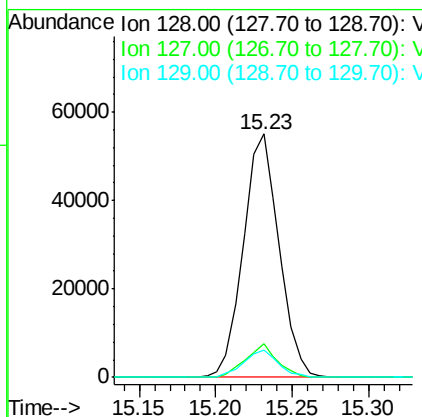
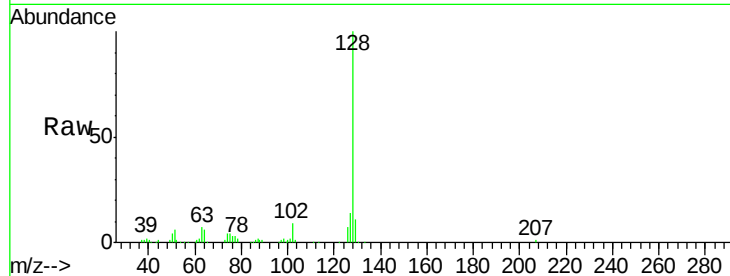
#95
Naphthalene
Concen: 22.477 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	89132		
127	12.2	10.3	15.5	
129	10.8	9.2	13.8	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 22.632 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VY000064.D
Acq: 18 Sep 2019 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	30171		
182	92.4	47.5	142.5	
145	34.7	17.4	52.2	

