

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030920\
 Data File : VY001907.D
 Acq On : 09 Mar 2020 13:23
 Operator : SY/MD
 Sample : VY0309SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Manual Integrations
 APPROVED

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 3/10/2020 2:56:47 PM

Quant Time: Mar 10 12:09:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	180919	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	324372	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	293652	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	139226	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	99416	51.47	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	7.73	113	91388	51.60	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	10.18	98	383607	51.36	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.48	95	134149	51.65	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	32688	19.574	ug/l	95
3) Chloromethane	2.12	50	46482	20.644	ug/l	98
4) Vinyl Chloride	2.26	62	44894	19.602	ug/l	99
5) Bromomethane	2.65	94	30459	19.161	ug/l	96
6) Chloroethane	2.79	64	28638	19.906	ug/l	96
7) Trichlorofluoromethane	3.13	101	62055	19.979	ug/l	97
8) Diethyl Ether	3.54	74	25269	20.642	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	41649	20.848	ug/l	99
10) Methyl Iodide	4.10	142	45541	19.713	ug/l	99
11) Tert butyl alcohol	4.96	59	36973	177.393	ug/l #	91
12) 1,1-Dichloroethene	3.88	96	40771	20.269	ug/l	97
13) Acrolein	3.74	56	24881	91.673	ug/l	96
14) Allyl chloride	4.49	41	73286	20.551	ug/l	99
15) Acrylonitrile	5.18	53	66526	101.699	ug/l	100
16) Acetone	3.96	43	53923	95.855	ug/l	93
17) Carbon Disulfide	4.20	76	135108	19.981	ug/l	99
18) Methyl Acetate	4.49	43	29167	20.179	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	113109	20.750	ug/l	98
20) Methylene Chloride	4.73	84	50156	20.803	ug/l	91
21) trans-1,2-Dichloroethene	5.23	96	47104	20.632	ug/l	97
22) Diisopropyl ether	6.13	45	151300	20.699	ug/l	98
23) Vinyl Acetate	6.07	43	487410	101.714	ug/l	98
24) 1,1-Dichloroethane	6.03	63	81056	20.477	ug/l	100
25) 2-Butanone	7.00	43	86591	101.219	ug/l	99
26) 2,2-Dichloropropane	6.99	77	69158	21.286	ug/l	96
27) cis-1,2-Dichloroethene	7.00	96	51557	20.760	ug/l	100
28) Bromochloromethane	7.35	49	36146	20.259	ug/l	100
29) Tetrahydrofuran	7.36	42	55506	97.705	ug/l	97
30) Chloroform	7.52	83	76160	20.478	ug/l	98
31) Cyclohexane	7.79	56	84869	19.996	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	64630	20.619	ug/l	99
36) 1,1-Dichloropropene	7.93	75	64445	20.646	ug/l	99
37) Ethyl Acetate	7.08	43	38612	21.283	ug/l	99
38) Carbon Tetrachloride	7.91	117	54616	20.482	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	85438	20.637	ug/l	94
40) Benzene	8.16	78	192462	20.802	ug/l	99
41) Methacrylonitrile	7.34	41	24773m	30.342	ug/l	
42) 1,2-Dichloroethane	8.24	62	49861	20.914	ug/l	100
43) Isopropyl Acetate	8.28	43	69833	20.331	ug/l	99
44) Trichloroethene	8.94	130	46167	20.489	ug/l	94
45) 1,2-Dichloropropane	9.22	63	49414	21.246	ug/l	98
46) Dibromomethane	9.31	93	25087	20.931	ug/l	99
47) Bromodichloromethane	9.50	83	58371	20.936	ug/l	100
48) Methyl methacrylate	9.30	41	31926	20.947	ug/l	100
49) 1,4-Dioxane	9.30	88	6453	392.928	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	182983	103.430	ug/l	99
52) Toluene	10.24	92	118600	21.102	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	63231	20.817	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	74716	20.663	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	37071	21.135	ug/l	99
56) Ethyl methacrylate	10.51	69	52662	20.483	ug/l	98
57) 1,3-Dichloropropane	10.79	76	65310	20.888	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	133076	133.025	ug/l	99
59) 2-Hexanone	10.83	43	126904	100.499	ug/l	99
60) Dibromochloromethane	10.99	129	38870	21.030	ug/l	98
61) 1,2-Dibromoethane	11.09	107	34414	20.713	ug/l	97
64) Tetrachloroethene	10.72	164	38048	20.661	ug/l	93
65) Chlorobenzene	11.52	112	121645	20.790	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	40060	20.878	ug/l	99
67) Ethyl Benzene	11.59	91	226072	20.717	ug/l	99
68) m/p-Xylenes	11.70	106	166435	41.254	ug/l	98
69) o-Xylene	12.03	106	79696	20.959	ug/l	98
70) Styrene	12.05	104	136143	20.904	ug/l	100
71) Bromoform	12.20	173	21099	20.276	ug/l #	100
73) Isopropylbenzene	12.33	105	211676	19.917	ug/l	100
74) N-amyl acetate	12.14	43	63790	19.529	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	45205	19.723	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	32983m	19.965	ug/l	
77) Bromobenzene	12.61	156	46036	20.444	ug/l	98
78) n-propylbenzene	12.67	91	266573	20.330	ug/l	100
79) 2-Chlorotoluene	12.75	91	144856	19.996	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	178192	20.366	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	15787	19.303	ug/l	99
82) 4-Chlorotoluene	12.86	91	153937	20.409	ug/l	99
83) tert-Butylbenzene	13.08	119	151531	20.851	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	180442	20.781	ug/l	99
85) sec-Butylbenzene	13.25	105	223173	20.835	ug/l	99
86) p-Isopropyltoluene	13.37	119	192924	20.879	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	89713	20.331	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	89695	20.037	ug/l	98
89) n-Butylbenzene	13.70	91	200362	20.900	ug/l	99
90) Hexachloroethane	13.96	117	36265	20.804	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	81809	20.408	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7331	20.498	ug/l	93

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MSVOA_Y
ClientSampleId :
VY0309SBSD01

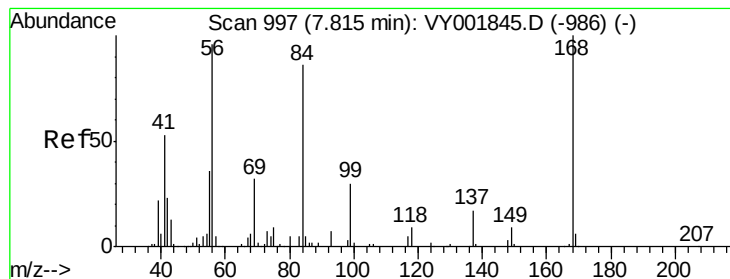
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	54504	20.965	ug/l	100
94) Hexachlorobutadiene	15.11	225	26285	20.738	ug/l	99
95) Naphthalene	15.23	128	124169	20.136	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	47470	20.727	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion:168 Resp: 180919

Ion Ratio Lower Upper

168 100

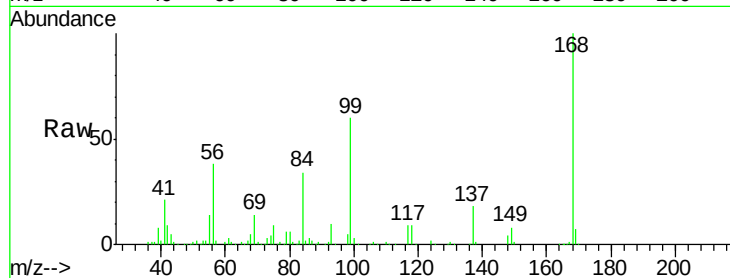
99 59.5 46.7 70.1

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Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.80

80000

60000

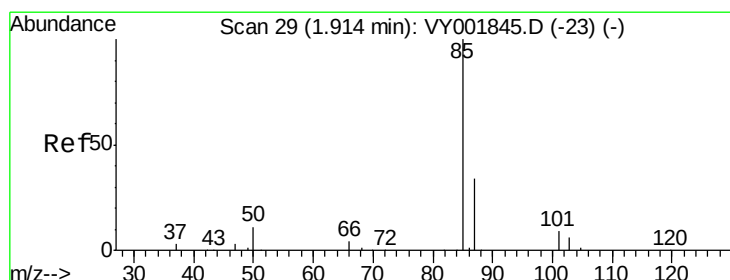
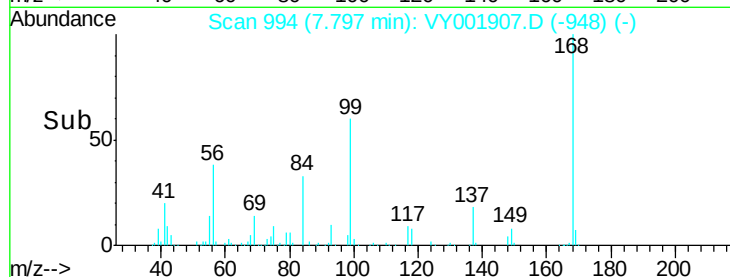
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.574 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY001907.D

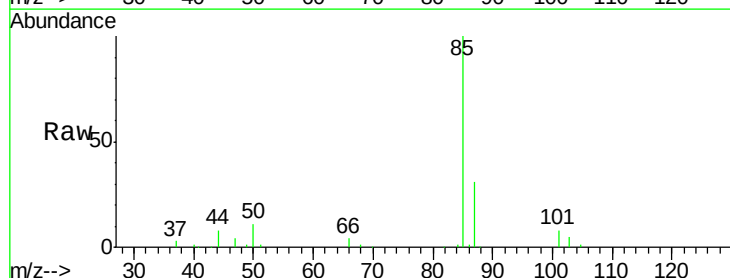
Acq: 09 Mar 2020 13:23

Tgt Ion: 85 Resp: 32688

Ion Ratio Lower Upper

85 100

87 31.0 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.90

25000

20000

15000

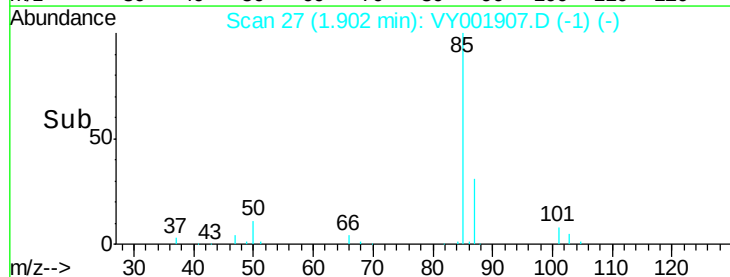
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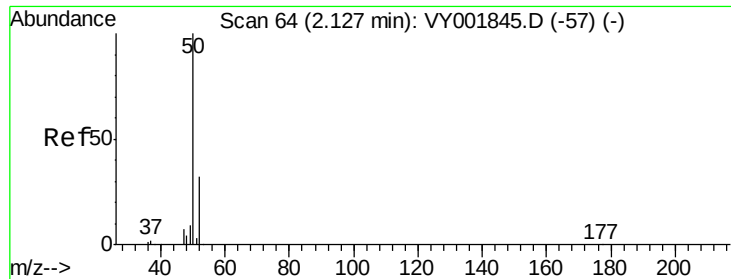
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.644 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion: 50 Resp: 46482

Ion Ratio Lower Upper

50 100

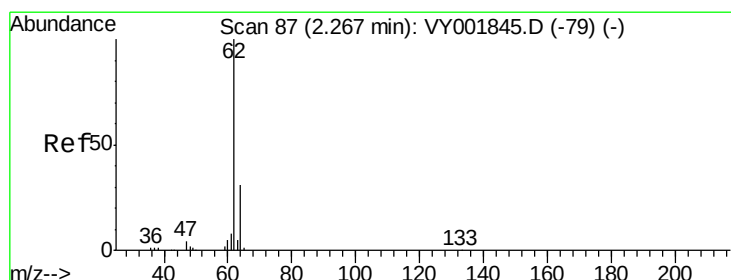
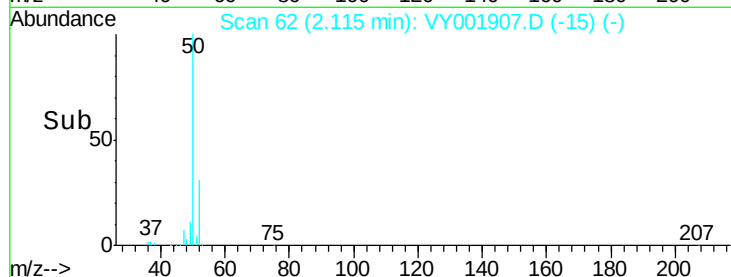
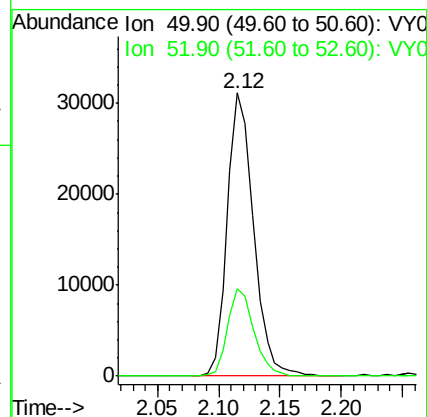
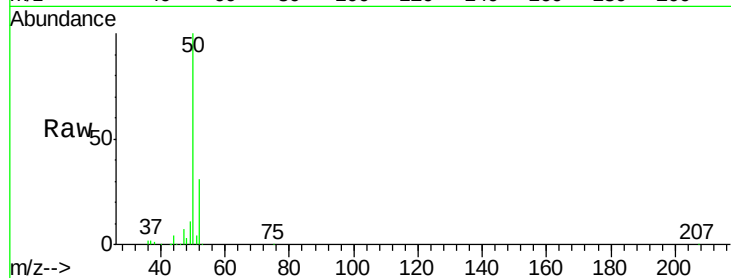
52 31.0 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.602 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001907.D

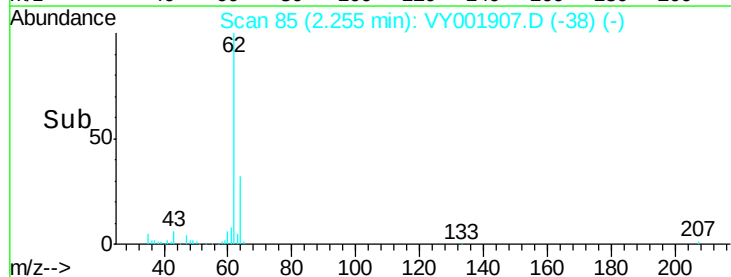
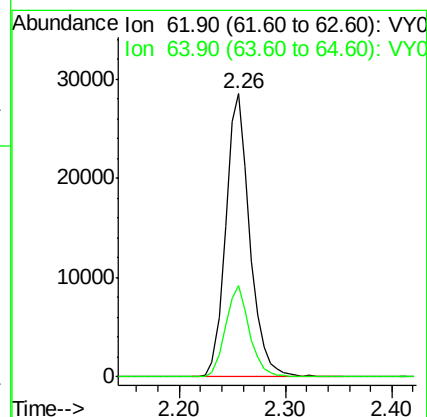
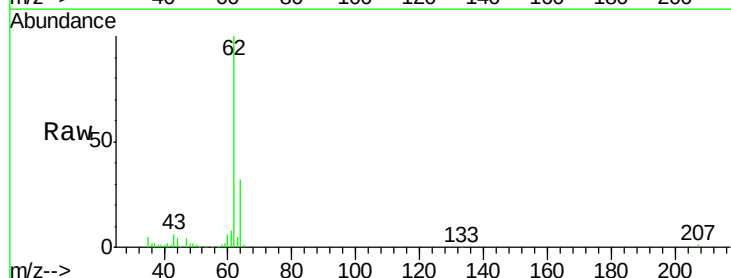
Acq: 09 Mar 2020 13:23

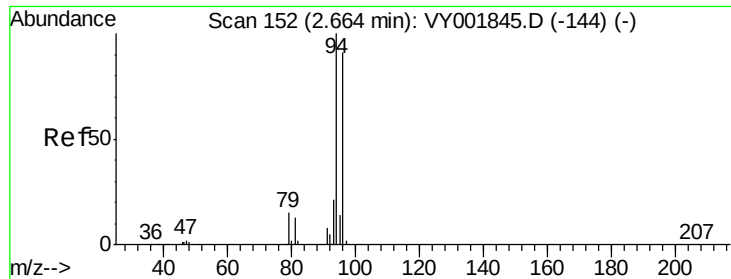
Tgt Ion: 62 Resp: 44894

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 19.161 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion: 94 Resp: 30459

Ion Ratio Lower Upper

94 100

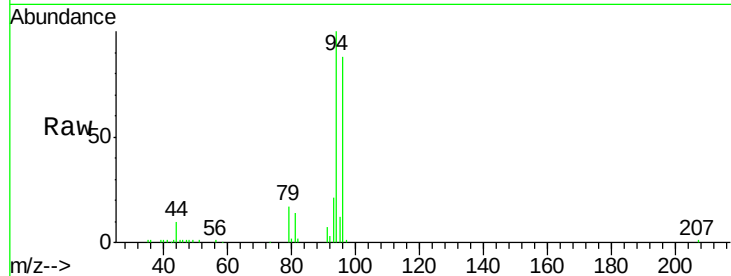
96 87.7 73.2 109.8

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

15000

10000

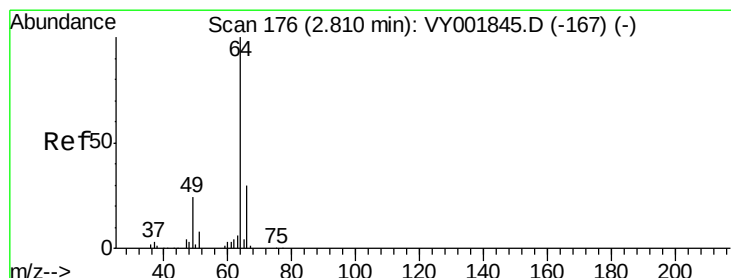
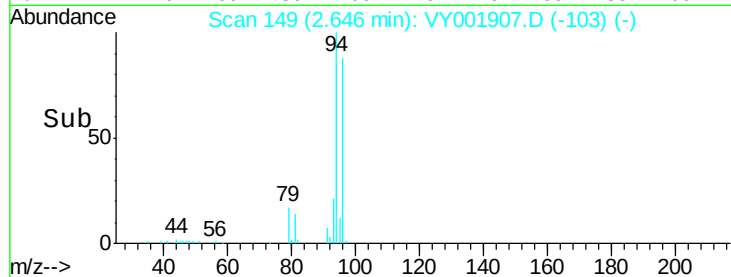
5000

0

2.65

2.60 2.70 2.80

Time-->



#6

Chloroethane

Concen: 19.906 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.02 min

Lab File: VY001907.D

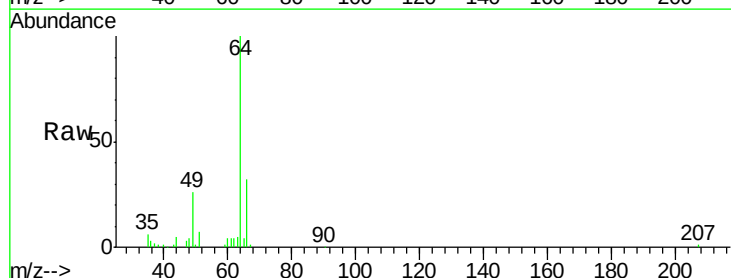
Acq: 09 Mar 2020 13:23

Tgt Ion: 64 Resp: 28638

Ion Ratio Lower Upper

64 100

66 32.2 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

15000

10000

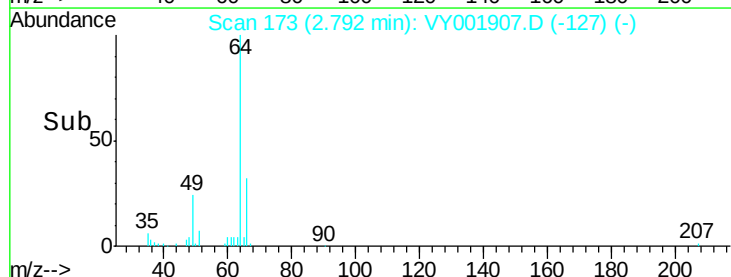
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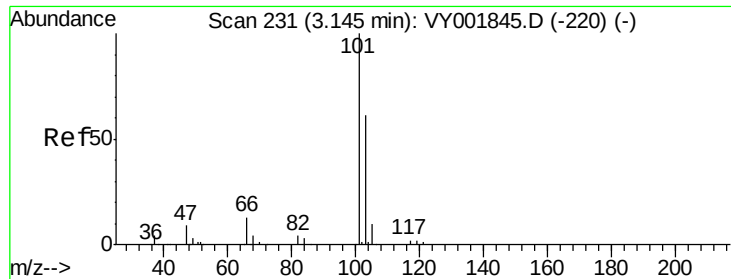
0

2.79

2.70 2.80 2.90

Time-->





#7

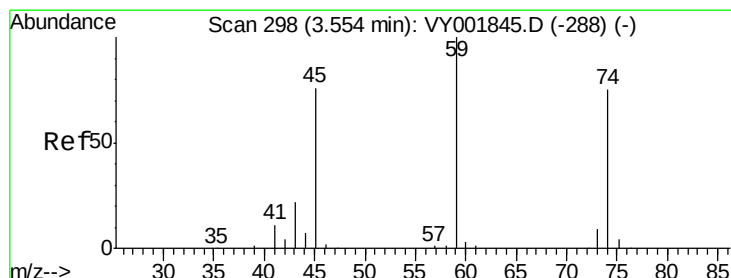
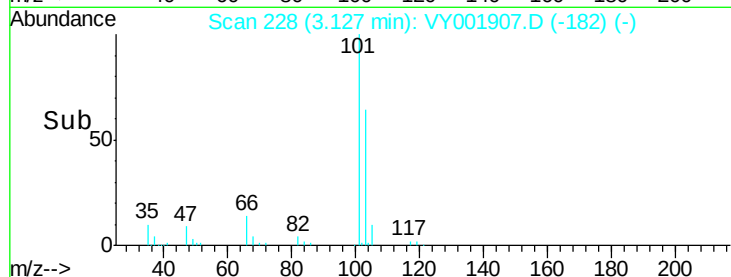
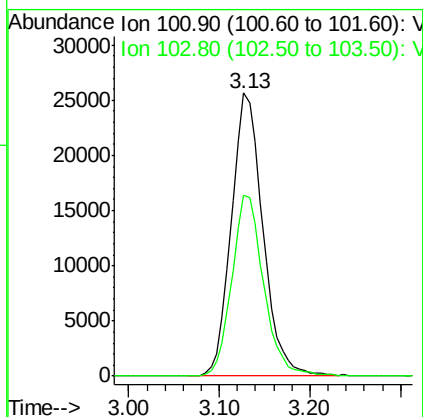
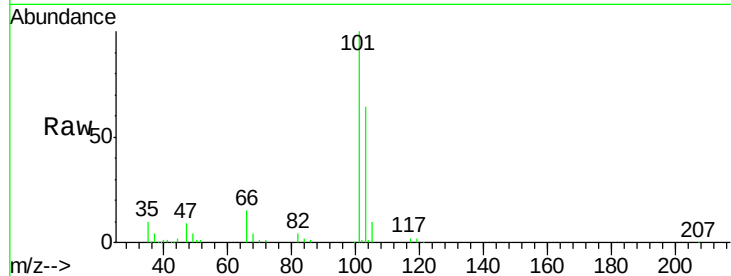
Trichlorofluoromethane
Concen: 19.979 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.02 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion:101 Resp: 62055
Ion Ratio Lower Upper
101 100
103 63.8 49.1 73.7

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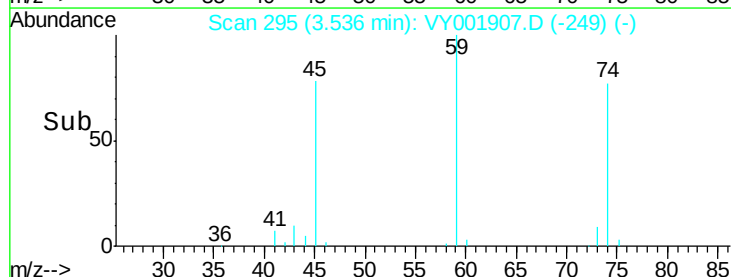
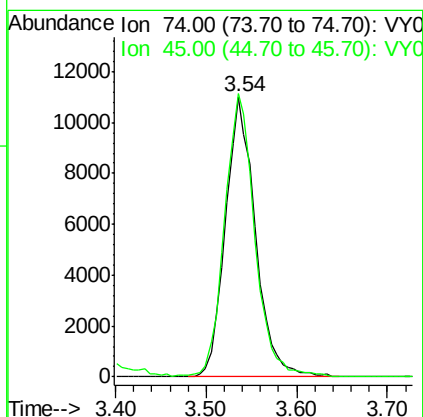
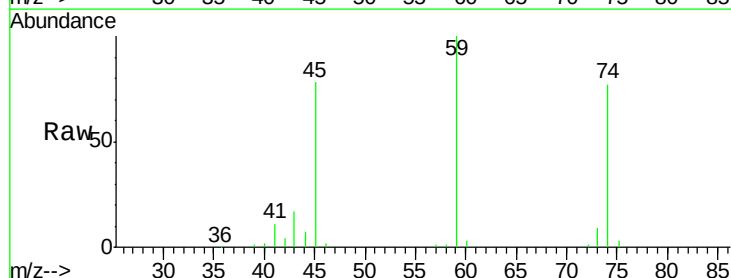
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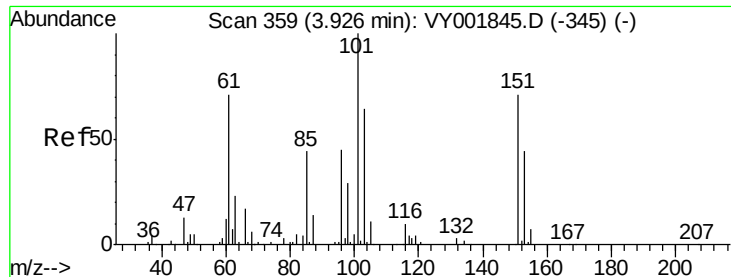


#8

Diethyl Ether
Concen: 20.642 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.02 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Tgt Ion: 74 Resp: 25269
Ion Ratio Lower Upper
74 100
45 102.5 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.848 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

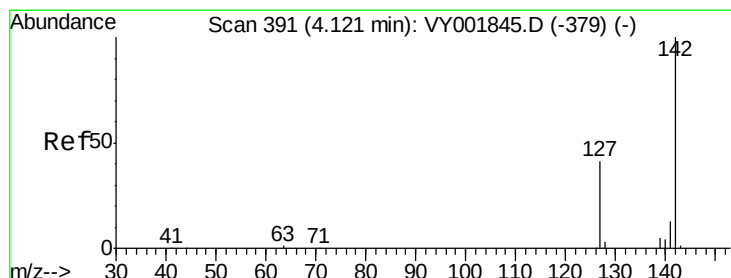
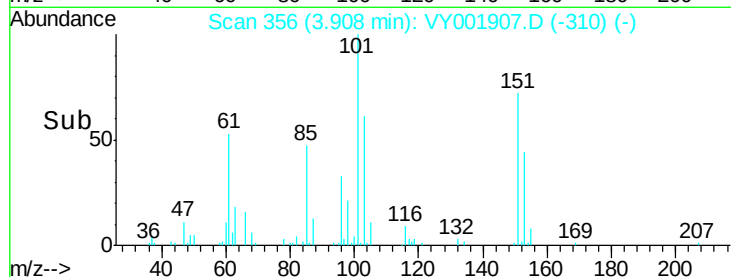
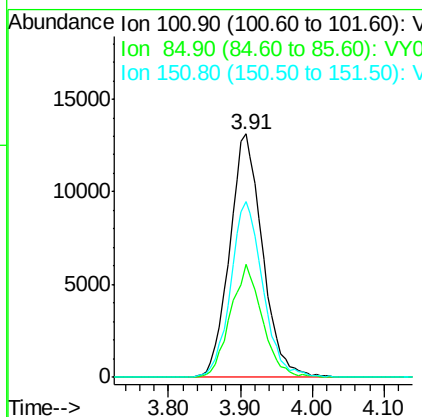
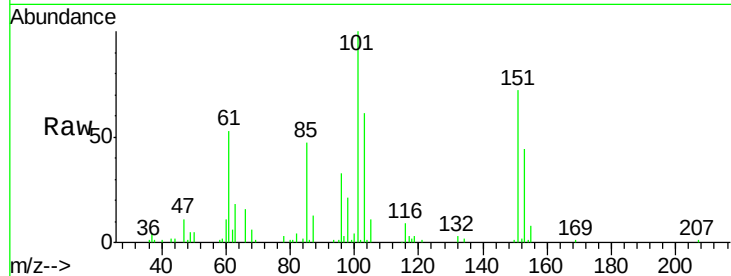
ClientSampleId :

VY0309SBS01

Tot Ion:	101	Resp:	41649
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.3	52.9
151	70.7	57.0	85.4

Manual Integrations
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#10

Methyl Iodide

Concen: 19.713 ug/l

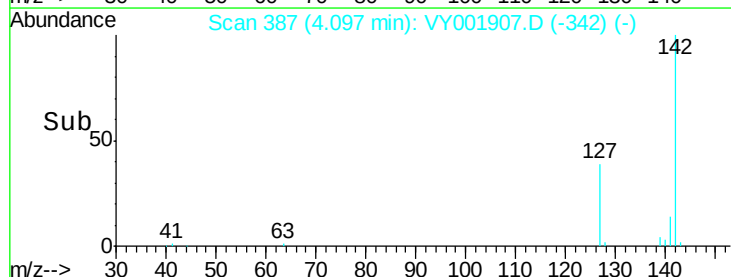
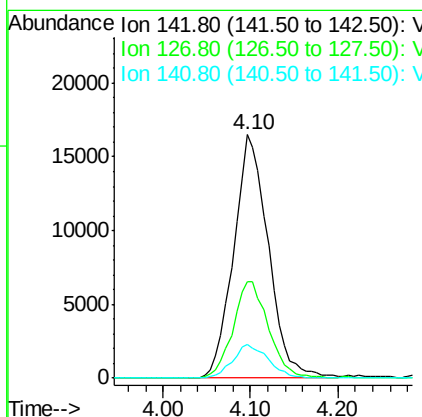
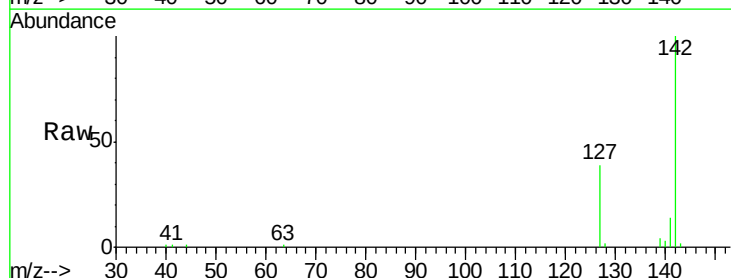
RT: 4.10 min Scan# 387

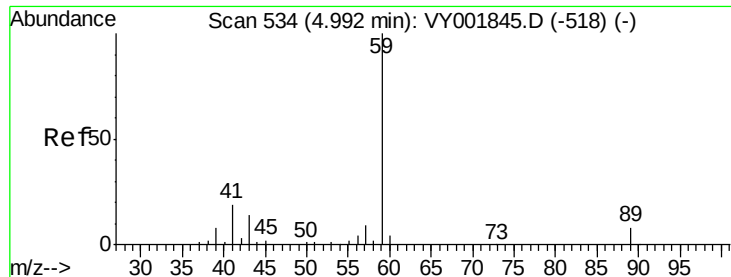
Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Tgt Ion:	142	Resp:	45541
Ion Ratio	Lower	Upper	
142	100		
127	40.4	32.7	49.1
141	14.2	11.0	16.6





#11

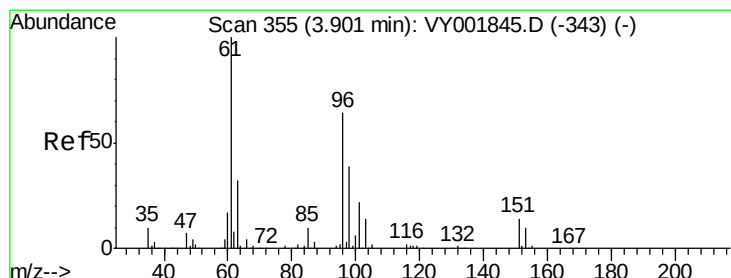
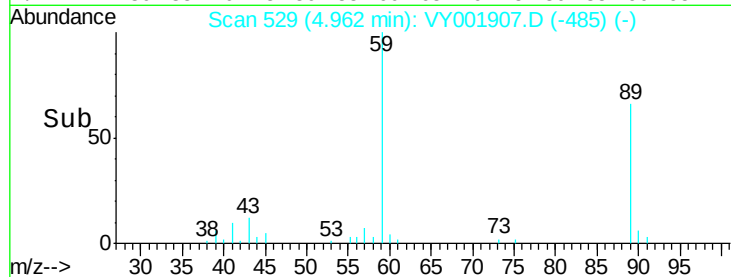
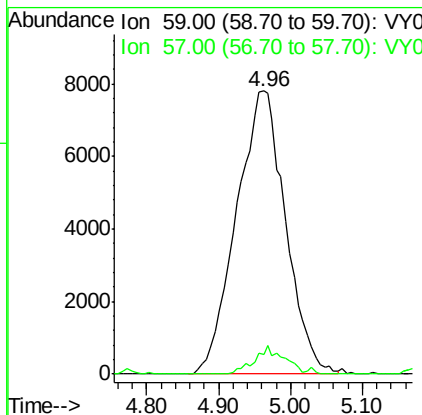
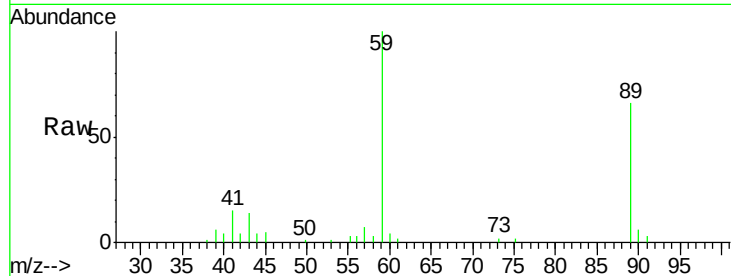
Tert butyl alcohol
 Concen: 177.393 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion: 59 Resp: 36973
 Ion Ratio Lower Upper
 59 100
 57 6.1 7.4 11.2#

Manual Integrations
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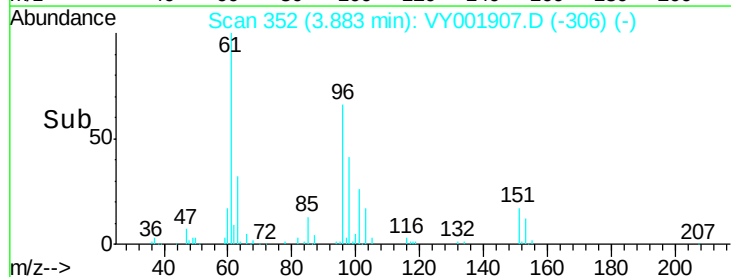
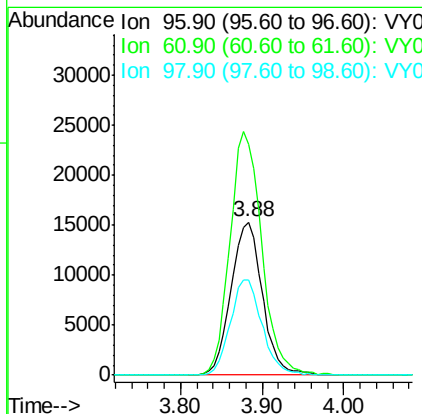
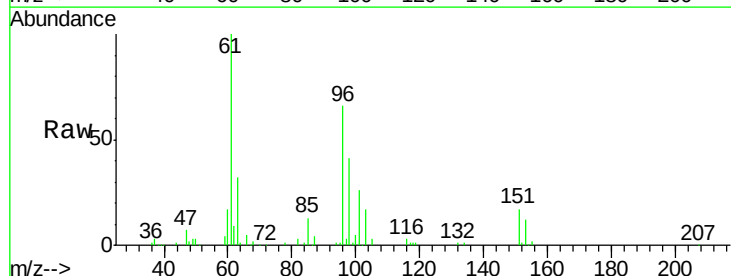
MMDadoda
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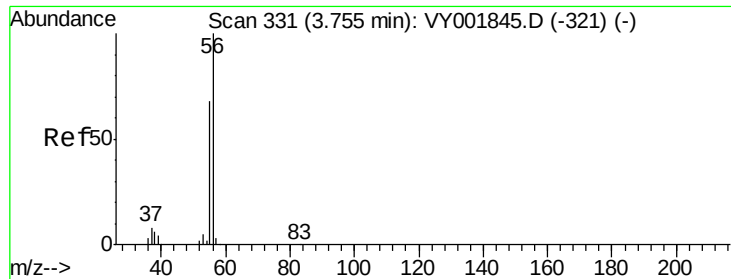


#12

1,1-Dichloroethene
 Concen: 20.269 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Tgt Ion: 96 Resp: 40771
 Ion Ratio Lower Upper
 96 100
 61 151.0 124.8 187.2
 98 62.0 49.2 73.8





#13

Acrolein

Concen: 91.673 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion: 56 Resp: 24881

Ion Ratio Lower Upper

56 100

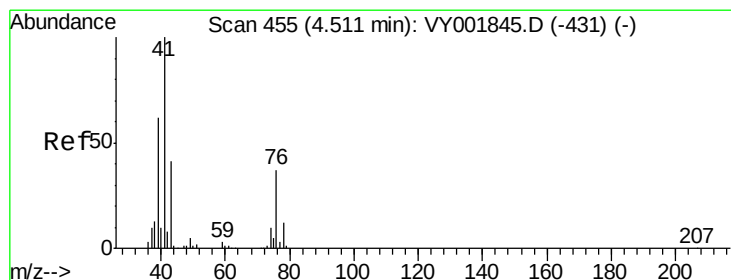
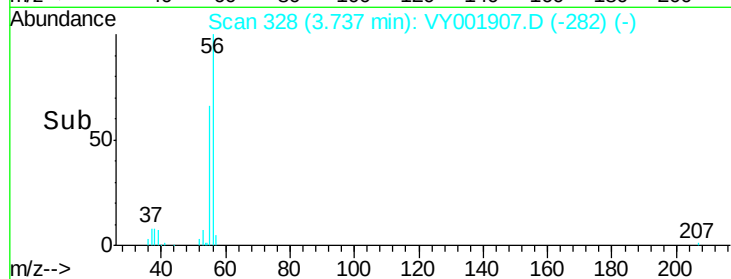
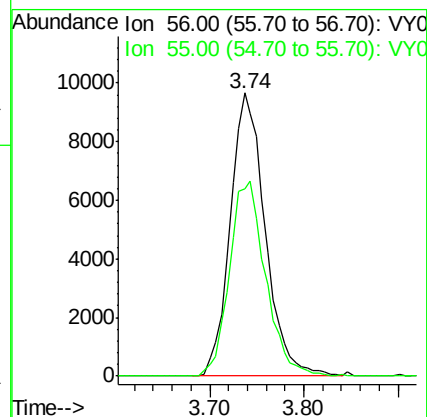
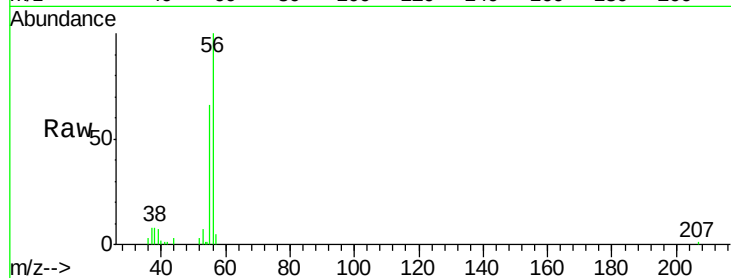
55 71.0 54.0 81.0

Manual Integrations

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#14

Allyl chloride

Concen: 20.551 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

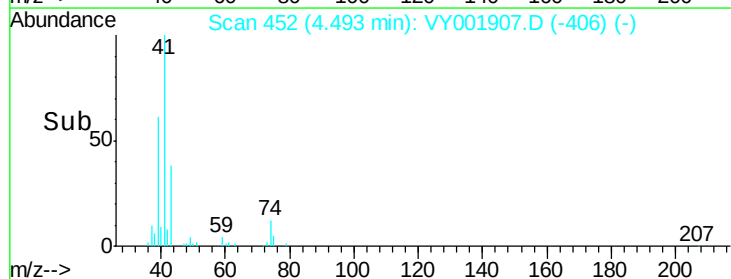
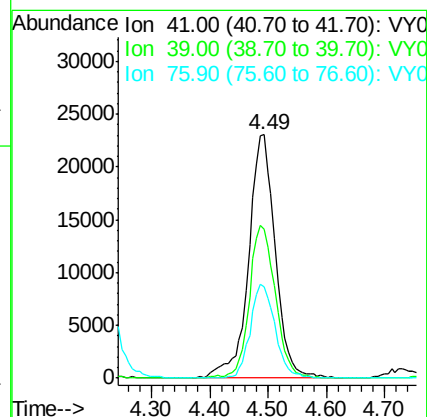
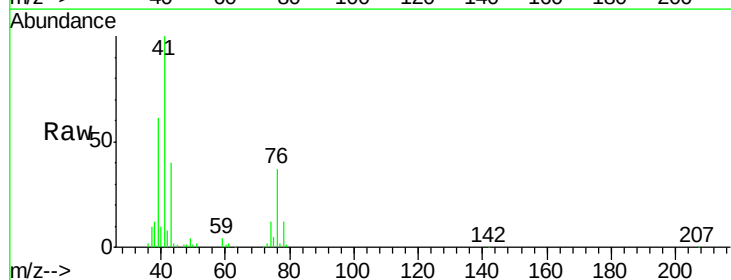
Tgt Ion: 41 Resp: 73286

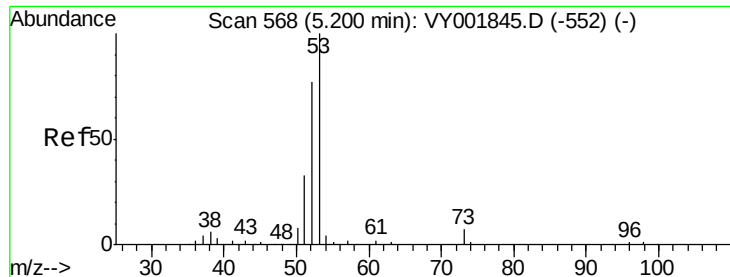
Ion Ratio Lower Upper

41 100

39 61.0 49.0 73.6

76 35.6 28.9 43.3





#15

Acrylonitrile

Concen: 101.699 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

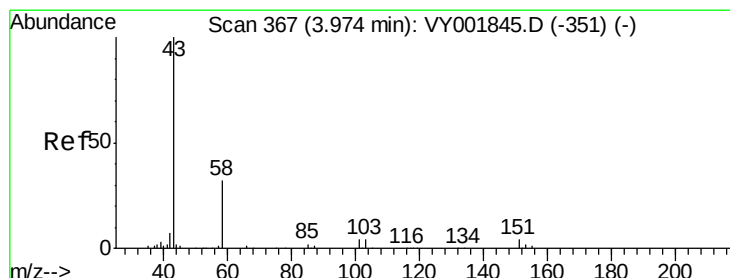
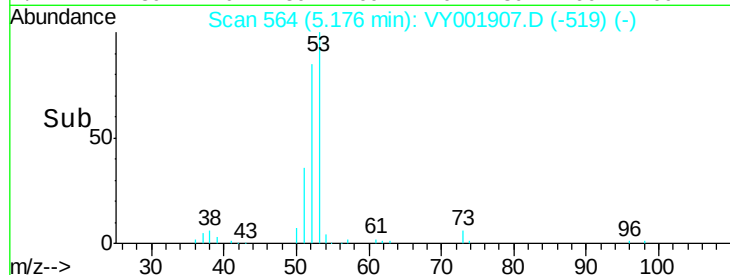
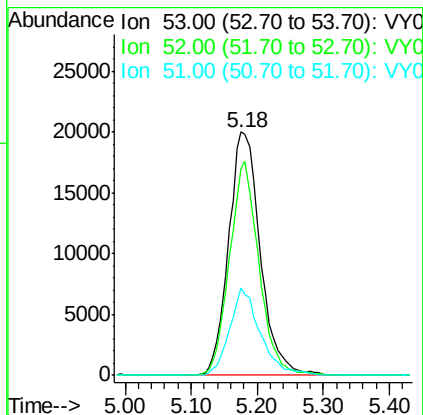
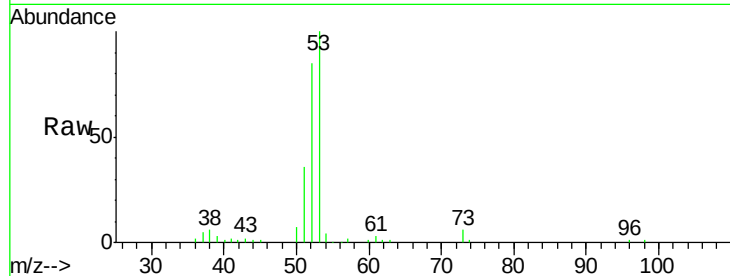
ClientSampleId :

VY0309SBS01

Tot Ion:	53	Resp:	66526
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.1	97.7
51	34.6	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 95.855 ug/l

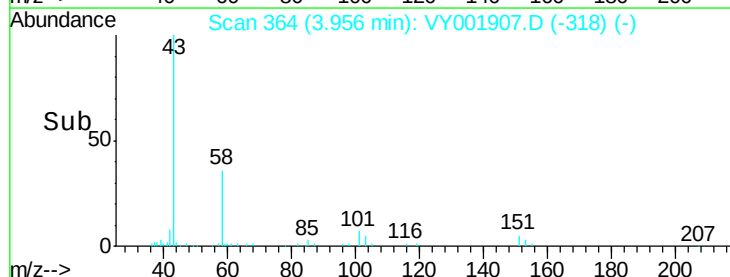
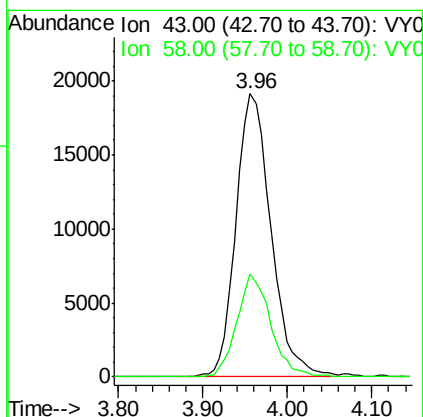
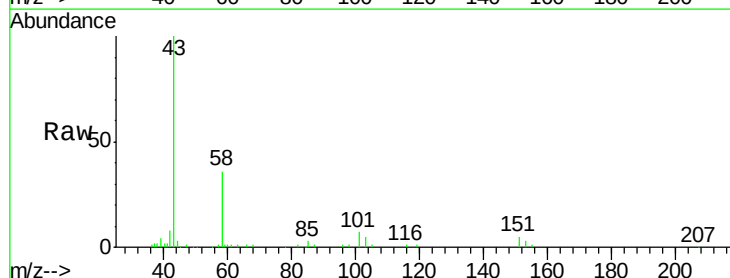
RT: 3.96 min Scan# 364

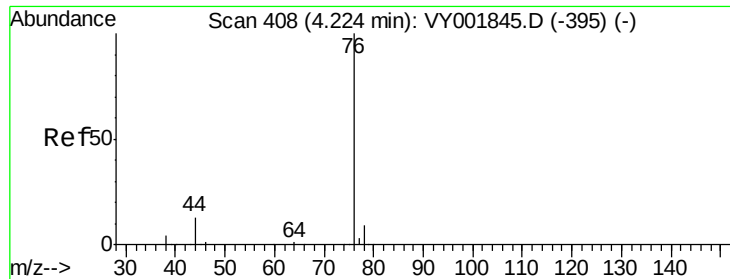
Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Tgt Ion:	43	Resp:	53923
Ion	Ratio	Lower	Upper
43	100		
58	36.2	25.9	38.9





#17

Carbon Disulfide

Concen: 19.981 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion: 76 Resp: 135108

Ion Ratio Lower Upper

76 100

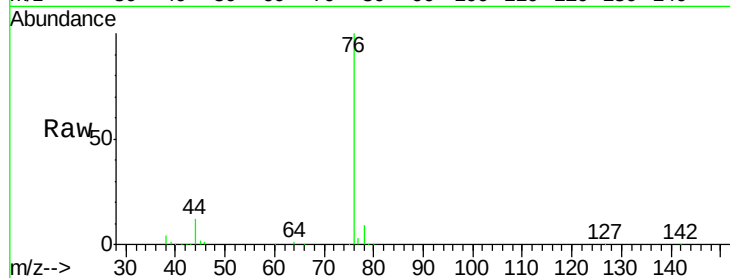
78 8.9 7.4 11.2

Manual Integrations

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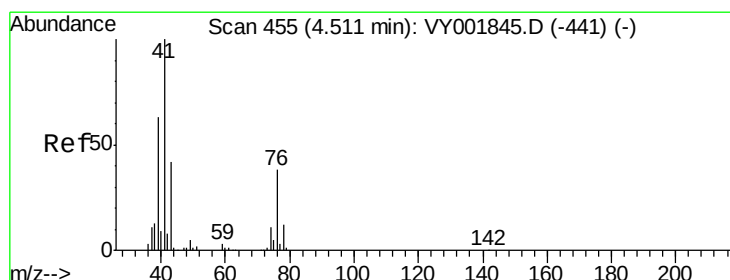
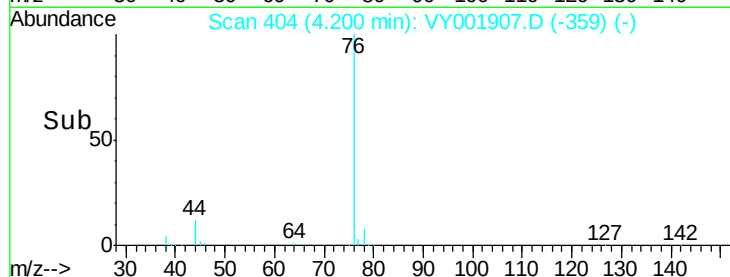
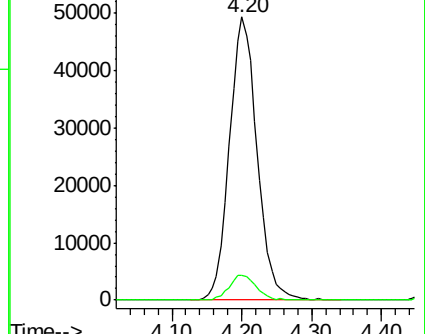
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 20.179 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.02 min

Lab File: VY001907.D

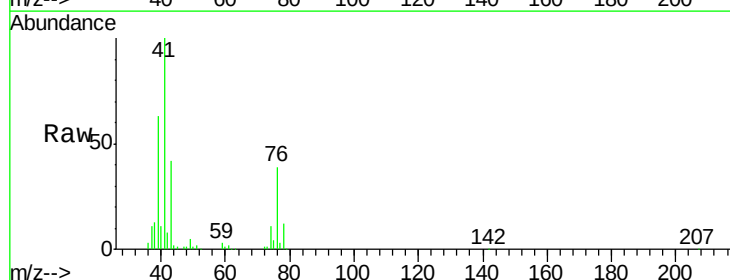
Acq: 09 Mar 2020 13:23

Tgt Ion: 43 Resp: 29167

Ion Ratio Lower Upper

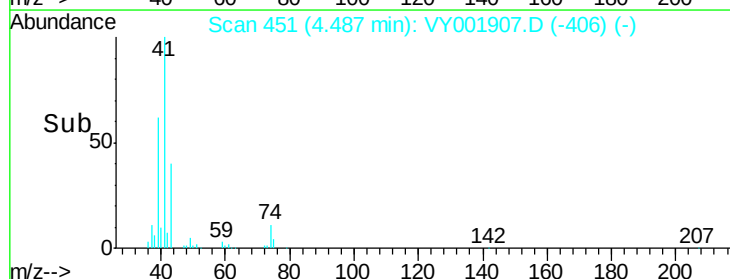
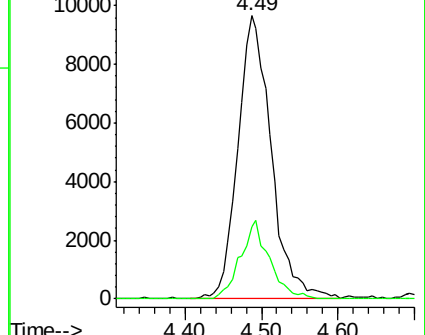
43 100

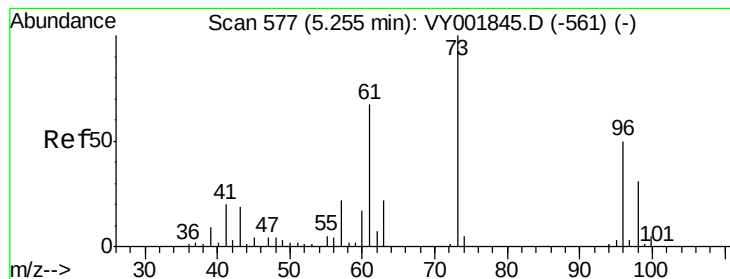
74 24.2 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#19

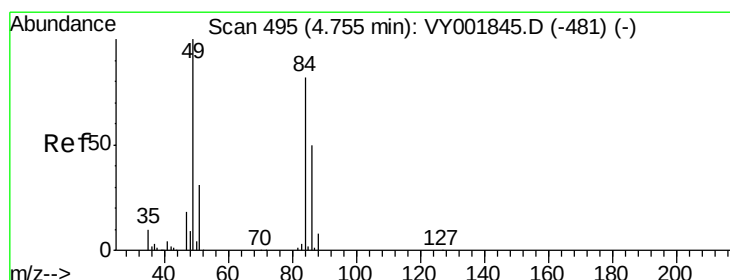
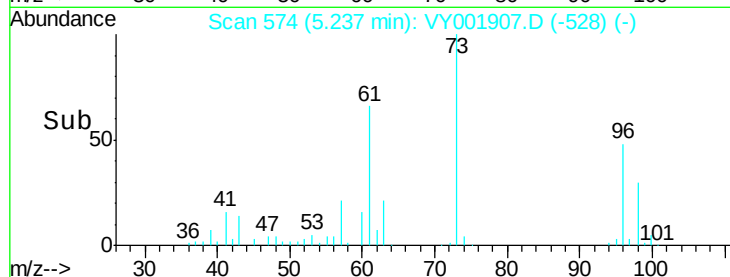
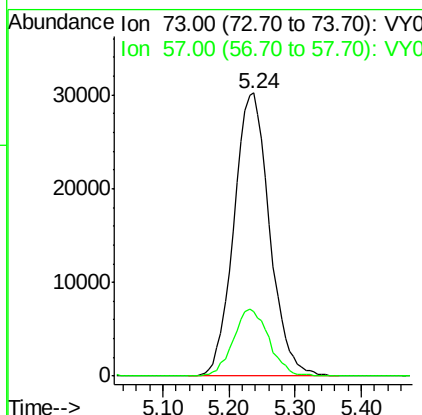
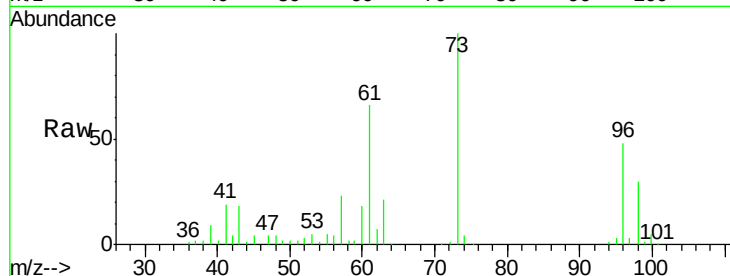
Methyl tert-butyl Ether
 Concen: 20.750 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.4	26.2

Manual Integrations
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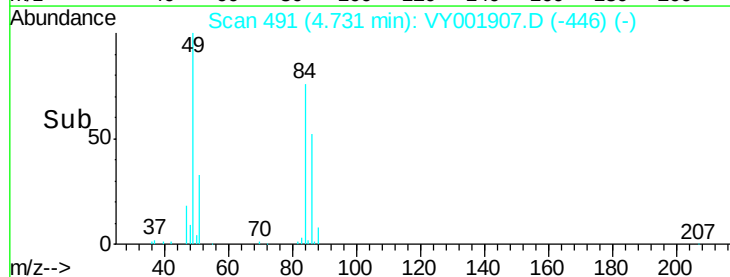
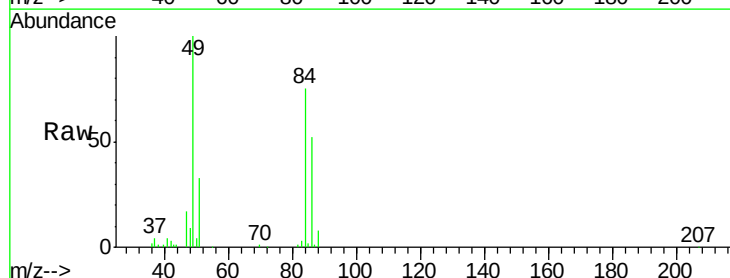
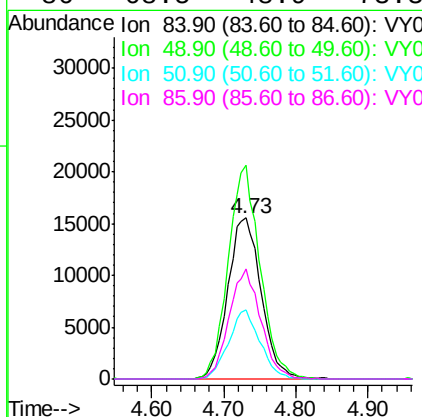
MMDadoda
 3/10/2020 2:56:47 PM

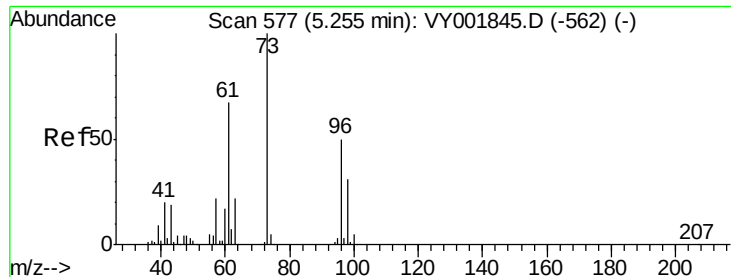


#20

Methylene Chloride
 Concen: 20.803 ug/l
 RT: 4.73 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.5	98.2	147.2
51	43.1	30.2	45.2
86	68.5	48.9	73.3





#21

trans-1,2-Dichloroethene

Concen: 20.632 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

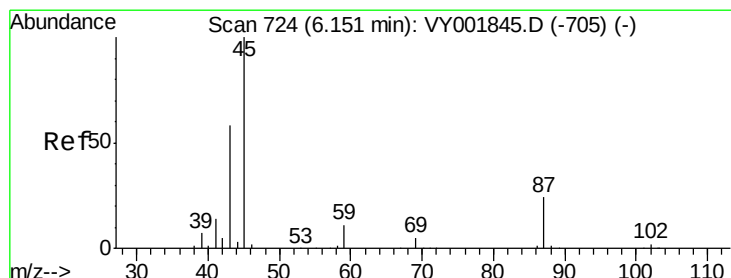
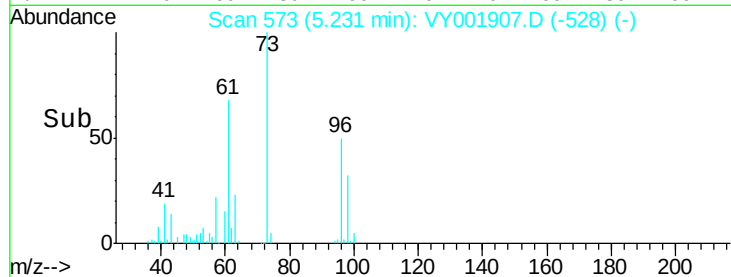
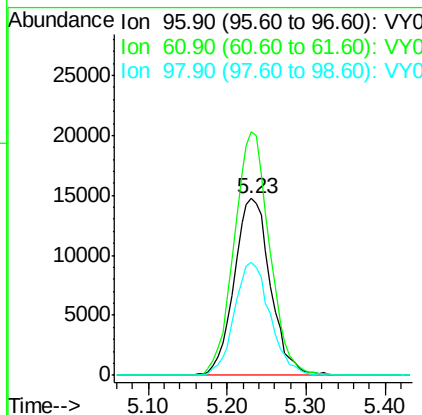
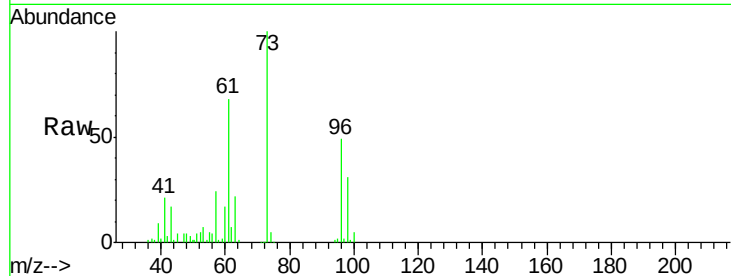
ClientSampleId :

VY0309SBS01

Tot Ion:	96	Resp:	47104
Ion	Ratio	Lower	Upper
96	100		
61	137.8	107.7	161.5
98	64.1	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.699 ug/l

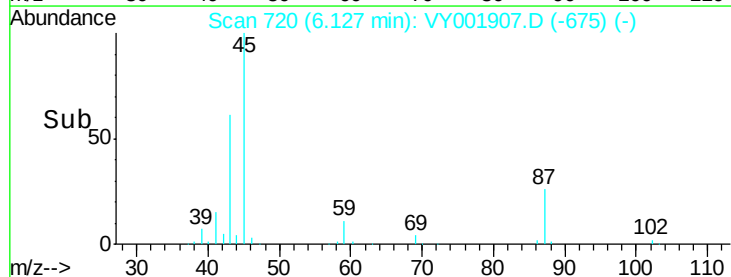
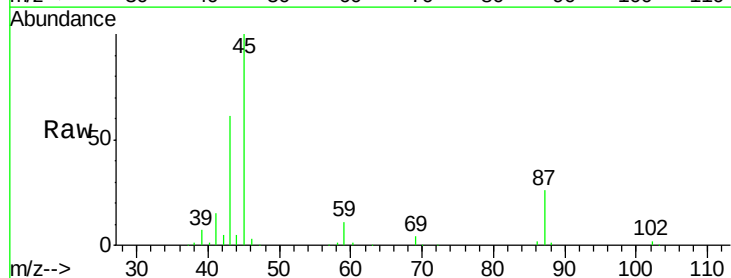
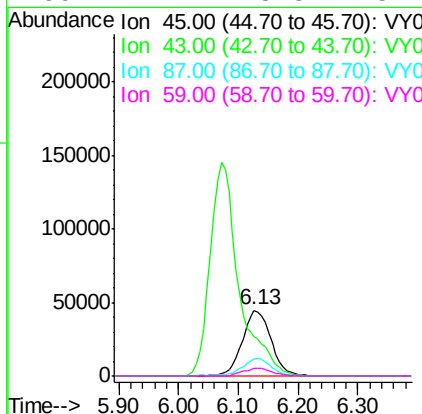
RT: 6.13 min Scan# 720

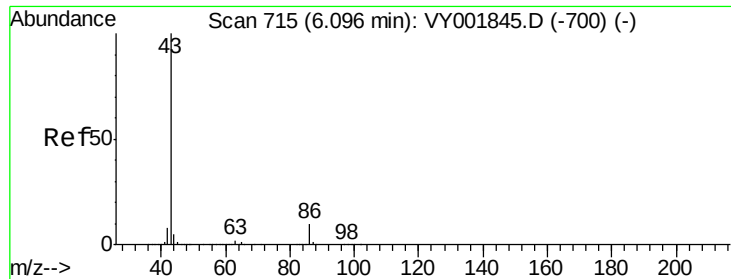
Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Tgt Ion:	45	Resp:	151300
Ion	Ratio	Lower	Upper
45	100		
43	60.6	47.2	70.8
87	25.6	19.8	29.8
59	11.1	8.8	13.2





#23

Vinyl Acetate

Concen: 101.714 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion: 43 Resp: 487410

Ion Ratio Lower Upper

43 100

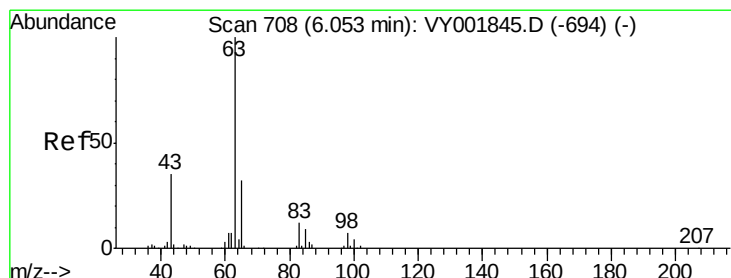
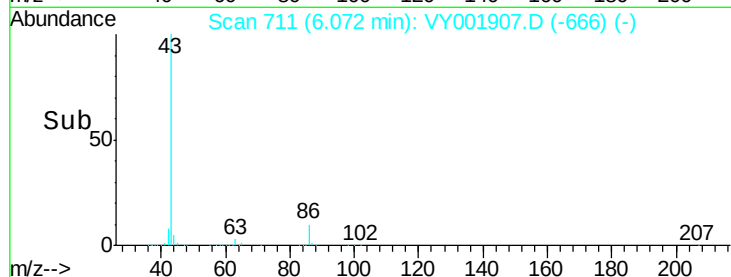
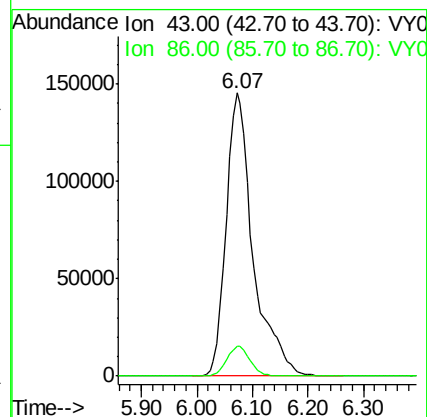
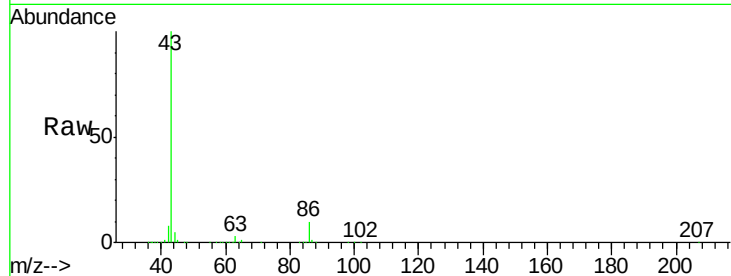
86 10.5 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.477 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

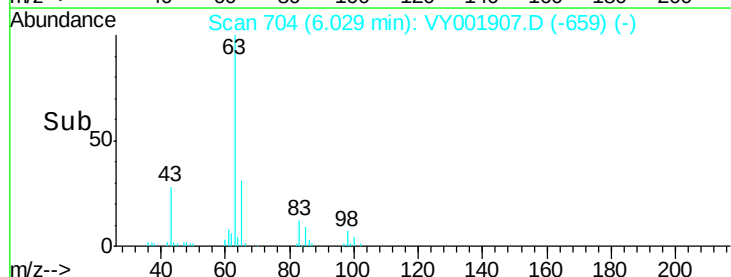
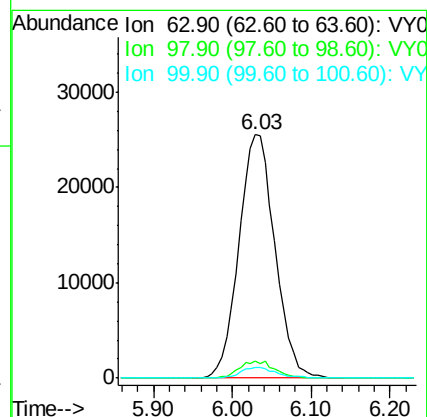
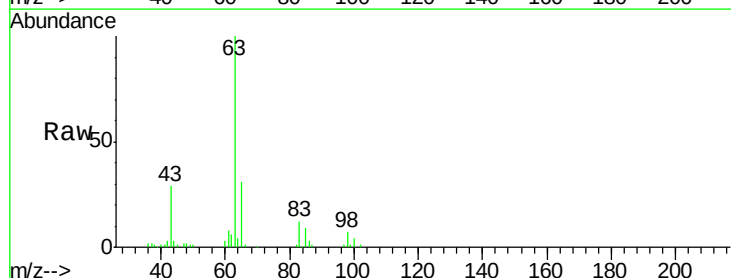
Tgt Ion: 63 Resp: 81056

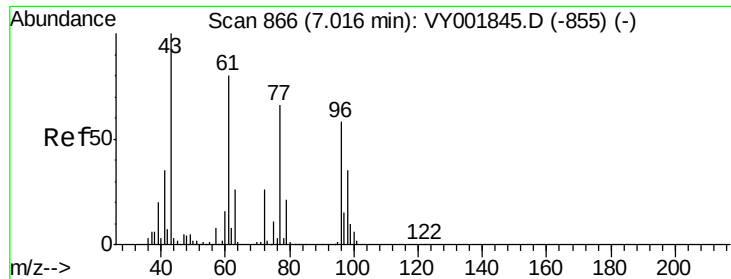
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 101.219 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion: 43 Resp: 86591

Ion Ratio Lower Upper

43 100

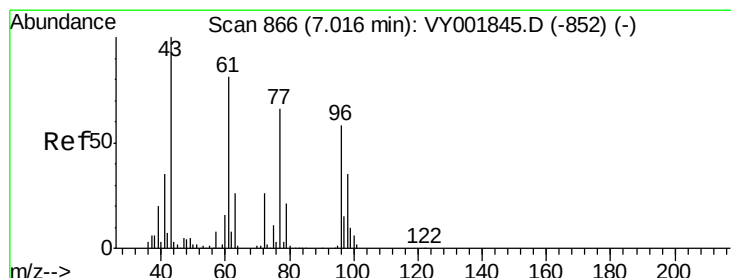
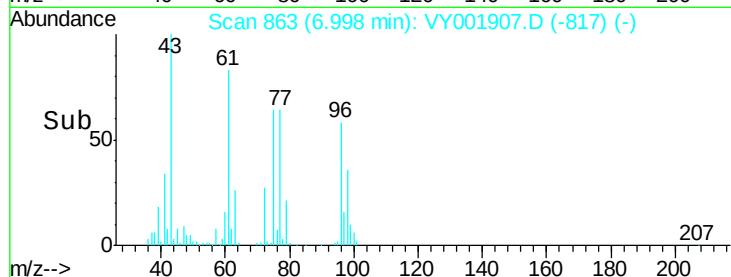
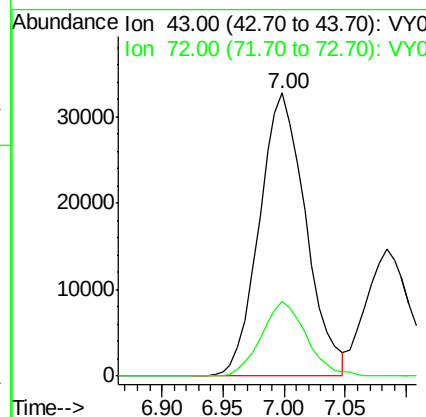
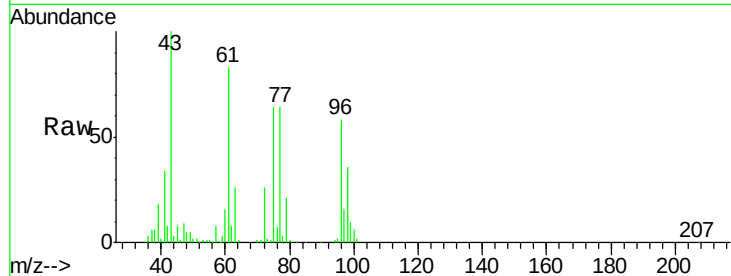
72 26.5 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.286 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.02 min

Lab File: VY001907.D

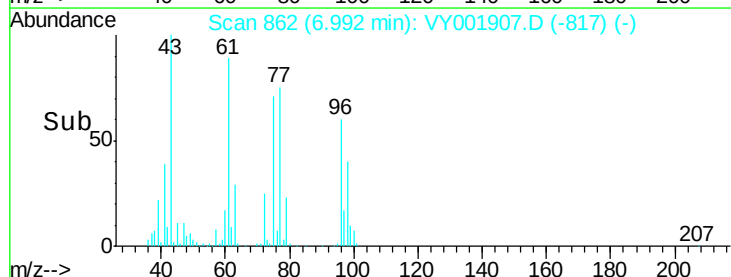
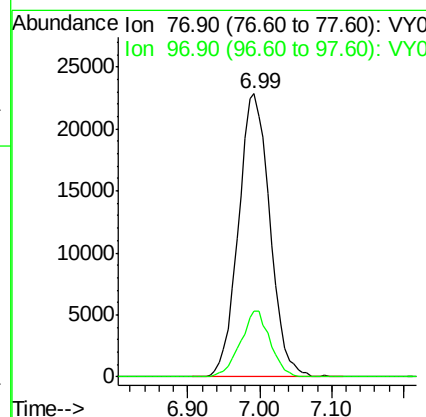
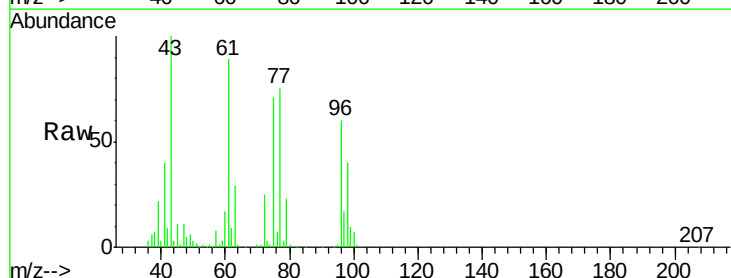
Acq: 09 Mar 2020 13:23

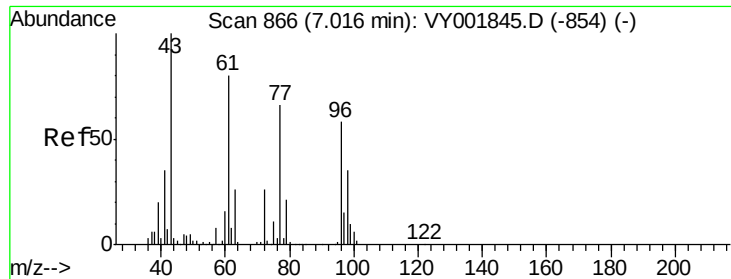
Tgt Ion: 77 Resp: 69158

Ion Ratio Lower Upper

77 100

97 22.0 11.9 35.7





#27

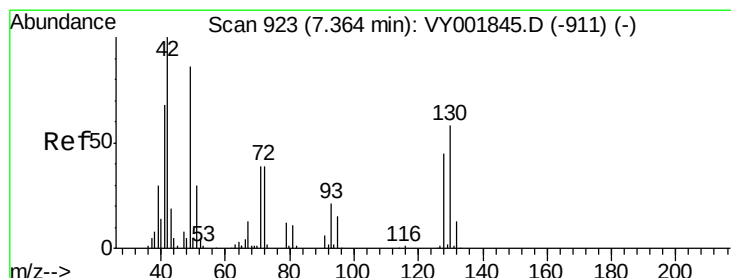
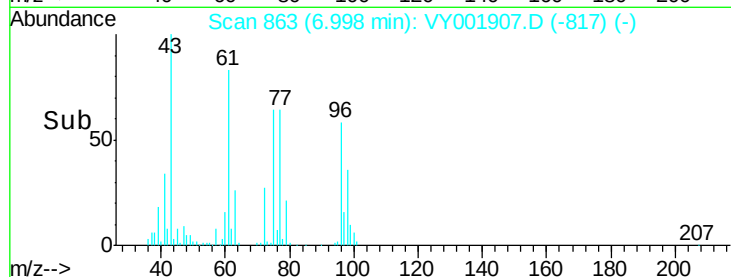
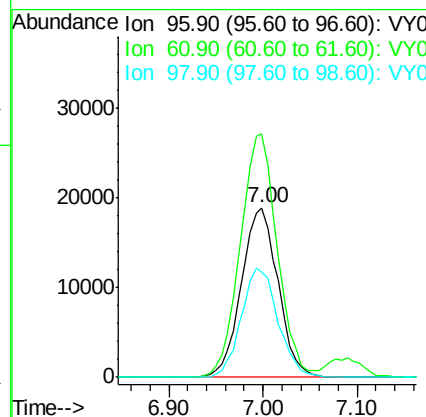
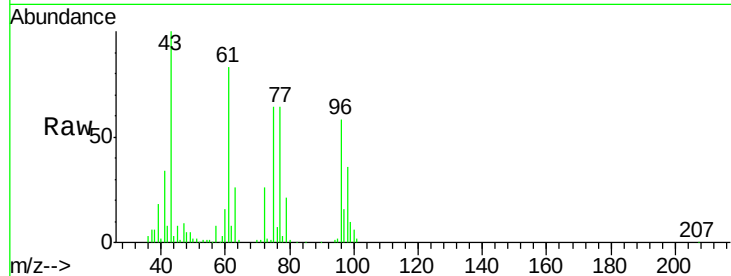
cis-1,2-Dichloroethene
Concen: 20.760 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.8	0.0	288.2	
98	64.4	0.0	129.0	

Manual Integrations
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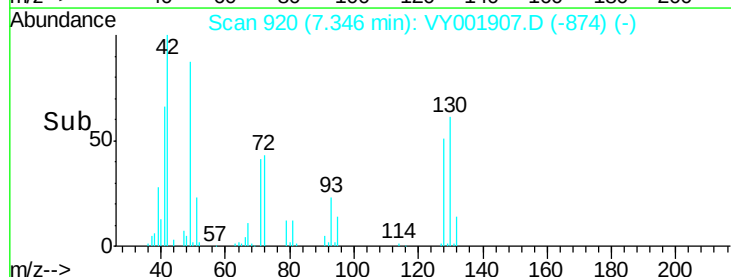
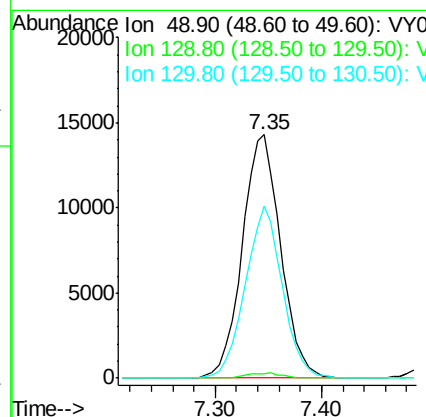
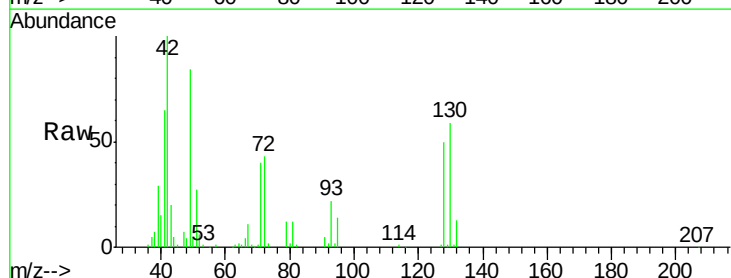
MMDadoda
3/10/2020 2:56:47 PM

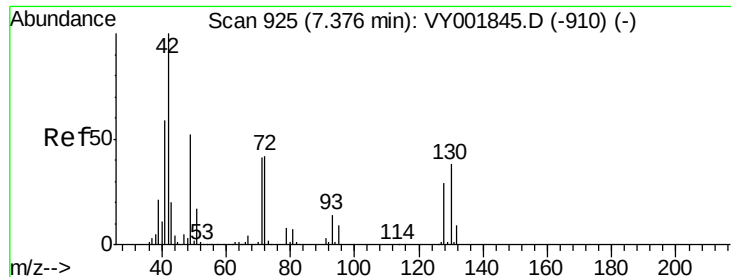


#28

Bromochloromethane
Concen: 20.259 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	3.8	
130	68.0	54.4	81.6	





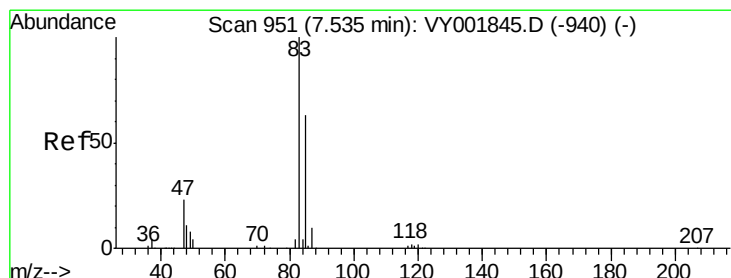
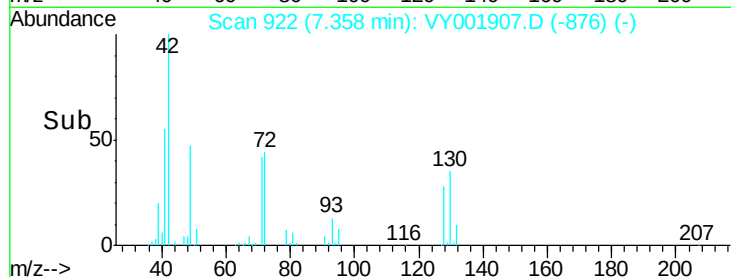
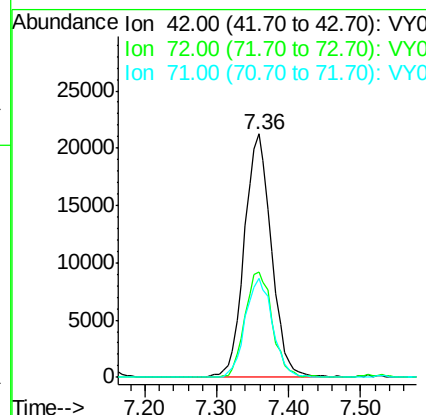
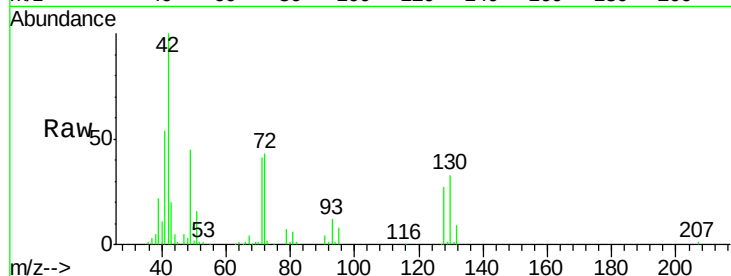
#29
Tetrahydrofuran
Concen: 97.705 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.02 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	33.5	50.3
71	40.8	31.3	46.9

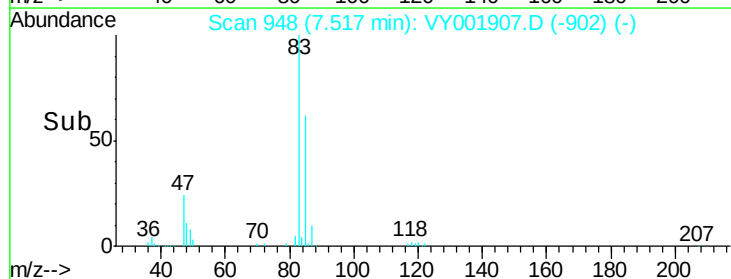
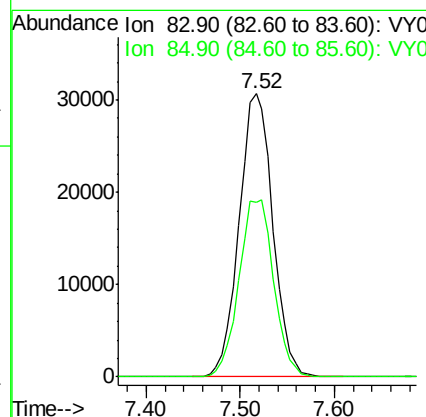
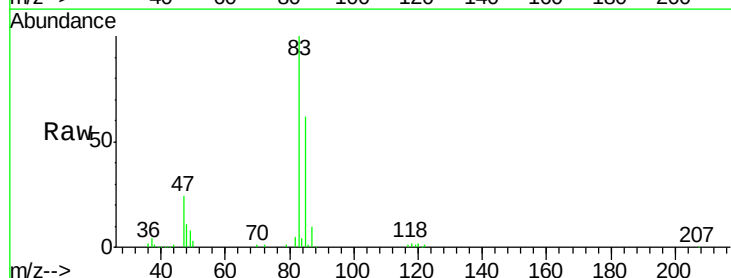
Manual Integrations
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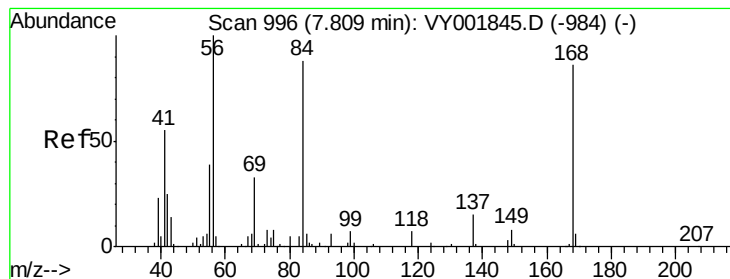
MMDadoda
3/10/2020 2:56:47 PM



#30
Chloroform
Concen: 20.478 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.02 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.7	76.1





#31

Cyclohexane

Concen: 19.996 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion: 56 Resp: 84869

Ion Ratio Lower Upper

56 100

69 37.4 26.7 40.1

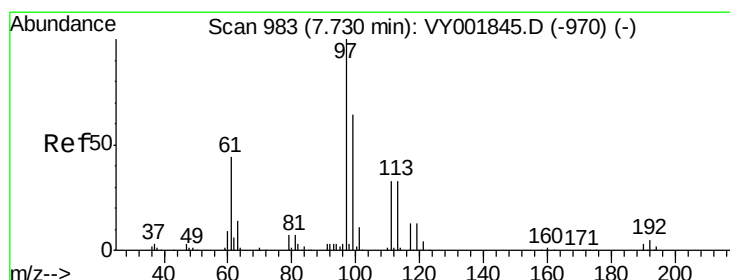
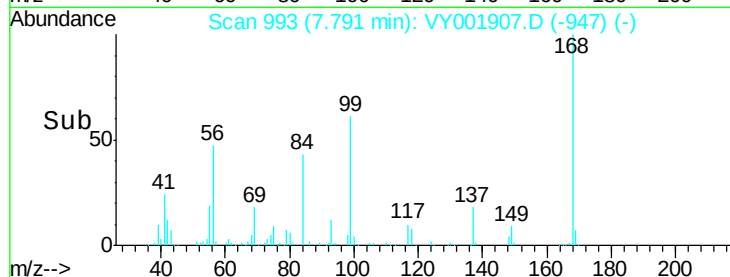
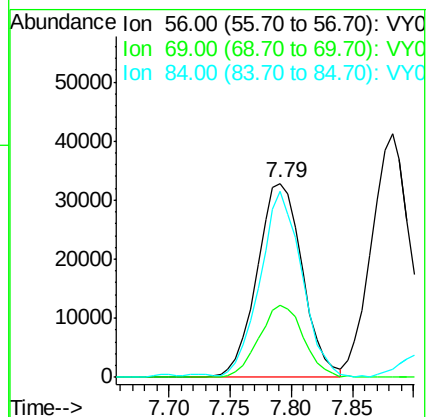
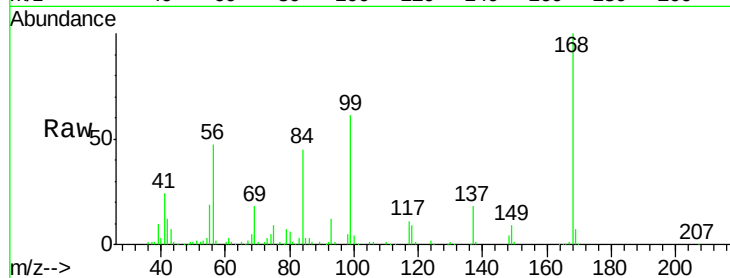
84 94.9 70.4 105.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 20.619 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

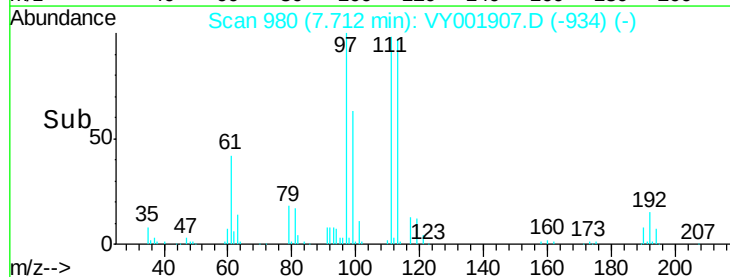
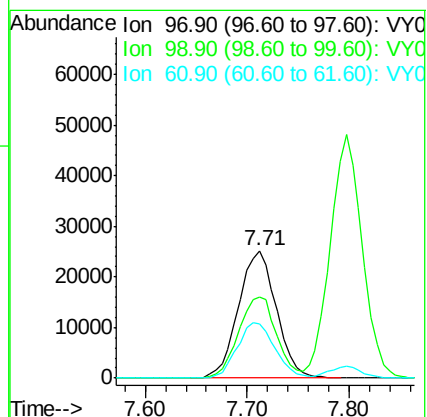
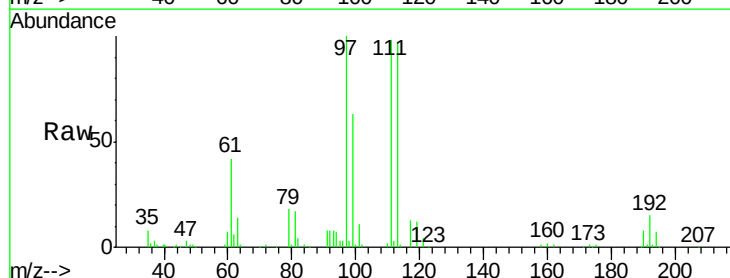
Tgt Ion: 97 Resp: 64630

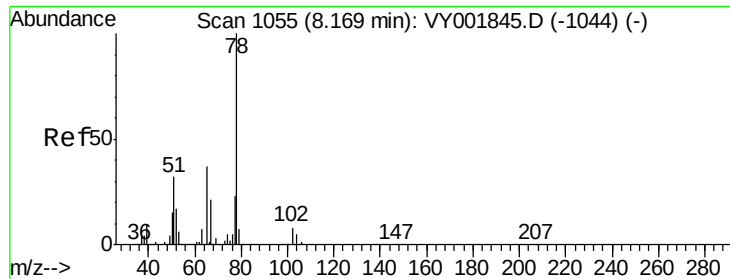
Ion Ratio Lower Upper

97 100

99 64.5 52.0 78.0

61 43.1 35.0 52.4





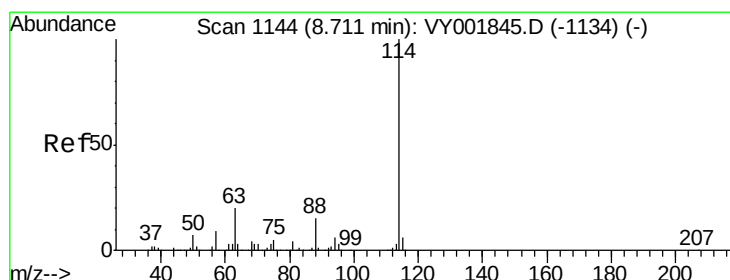
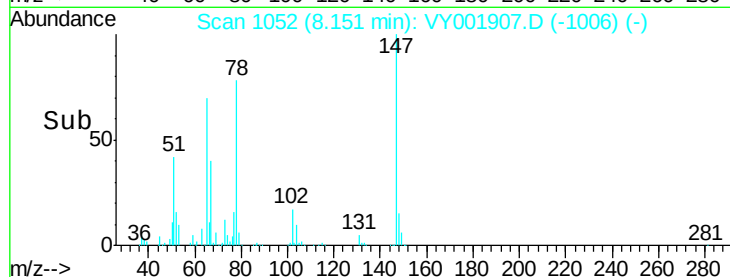
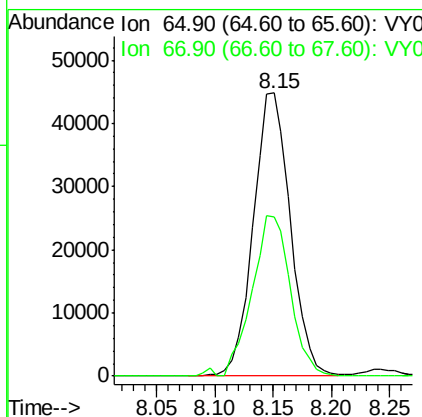
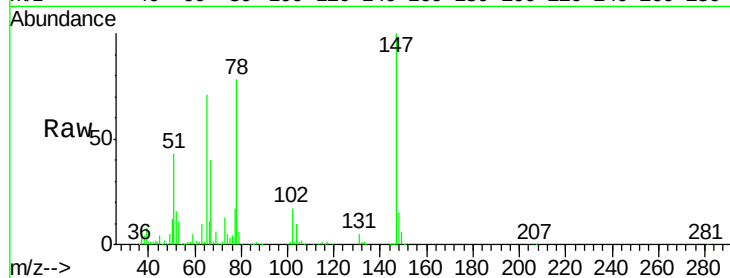
#33
 1,2-Dichloroethane-d4
 Concen: 51.473 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	58.3	0.0	110.8

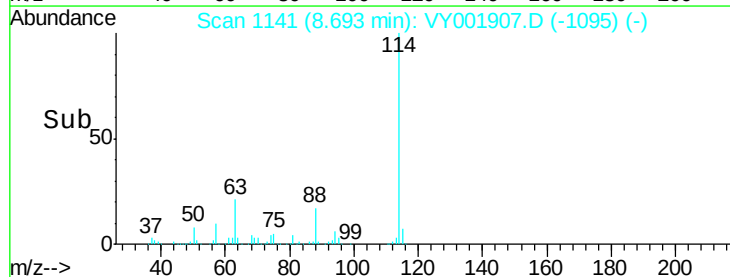
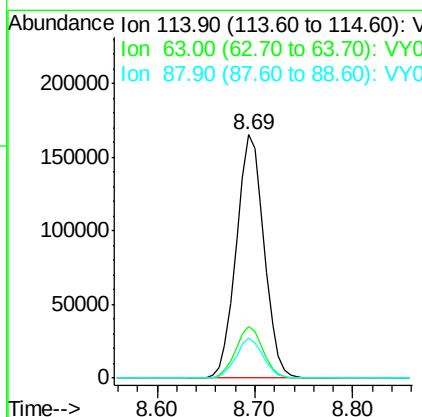
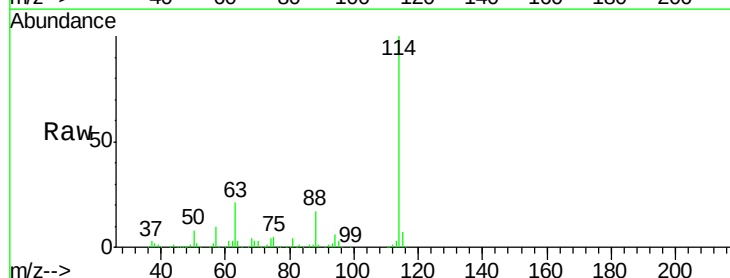
Manual Integrations
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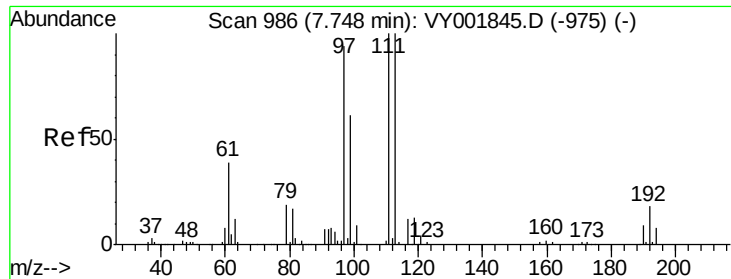
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	39.4
88	16.5	0.0	30.4





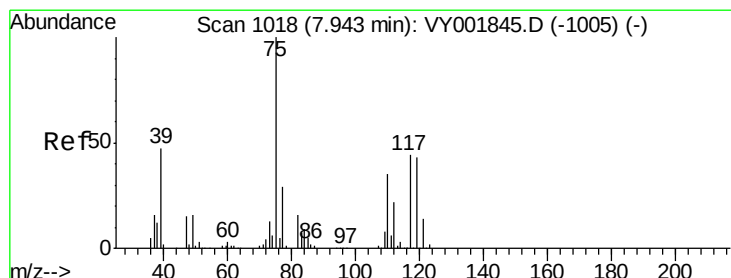
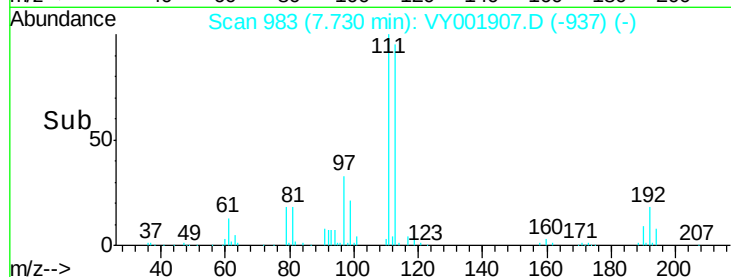
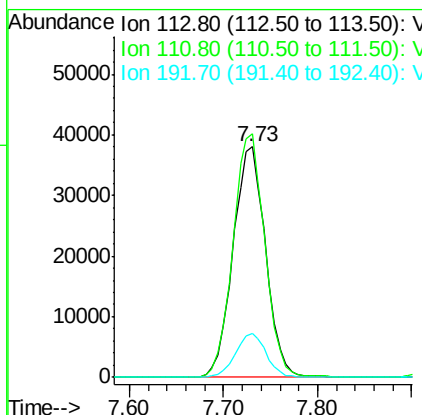
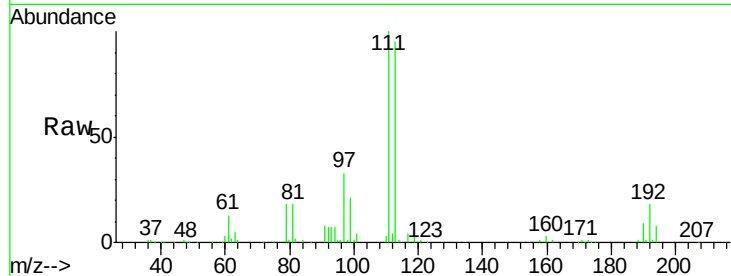
#35
 Dibromofluoromethane
 Concen: 51.596 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	91388		
111	103.2	81.8	122.8	
192	18.1	14.2	21.2	

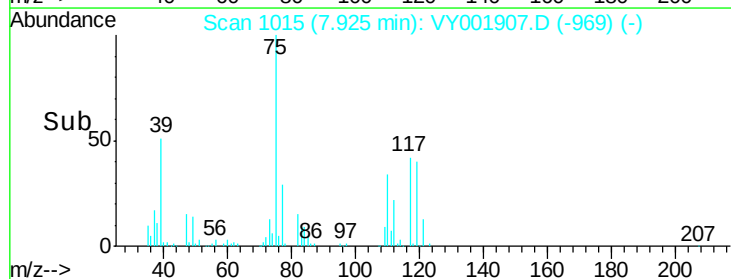
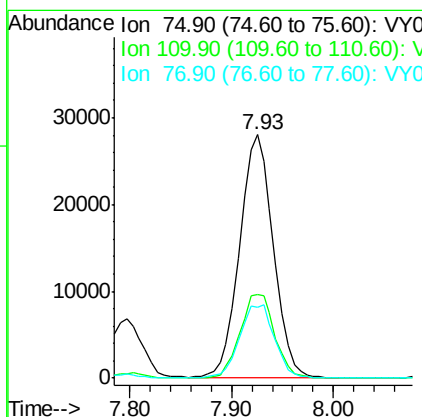
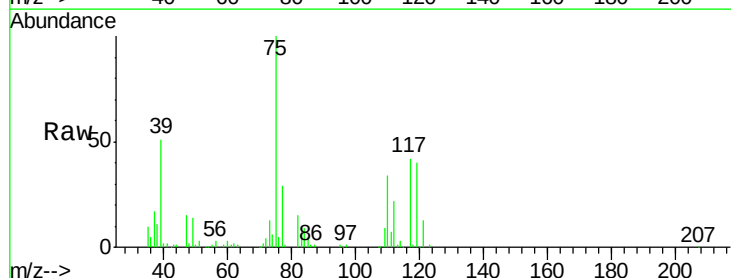
Manual Integrations
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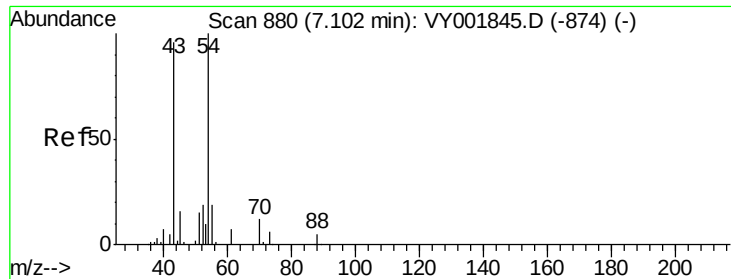
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 20.646 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	64445		
110	35.2	17.4	52.2	
77	31.3	24.2	36.2	





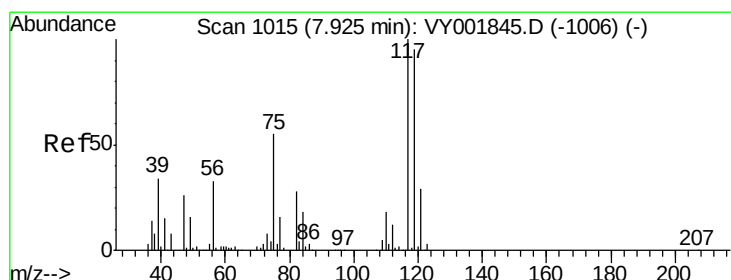
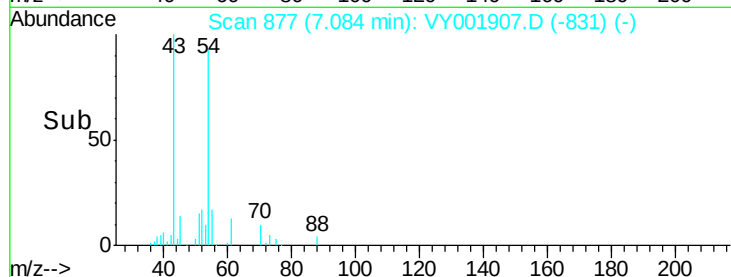
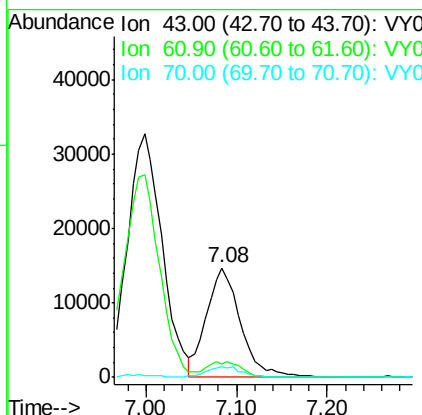
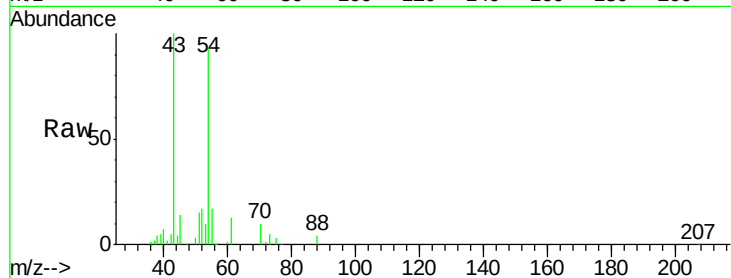
#37
Ethyl Acetate
Concen: 21.283 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.02 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	9.8	8.2	12.4

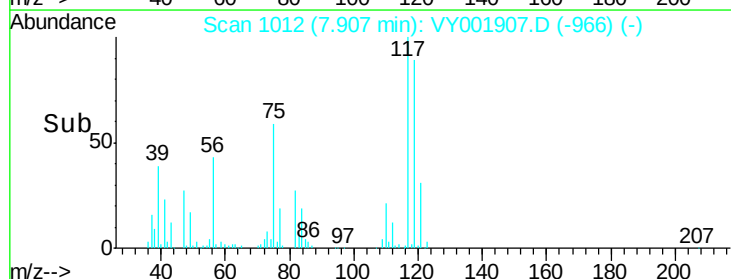
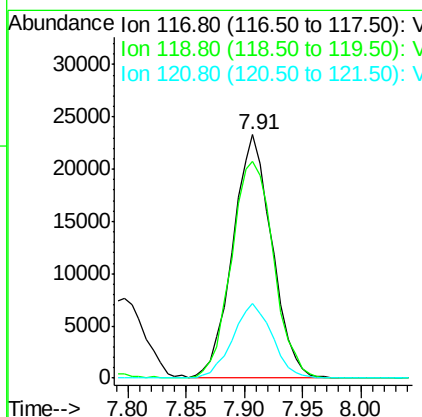
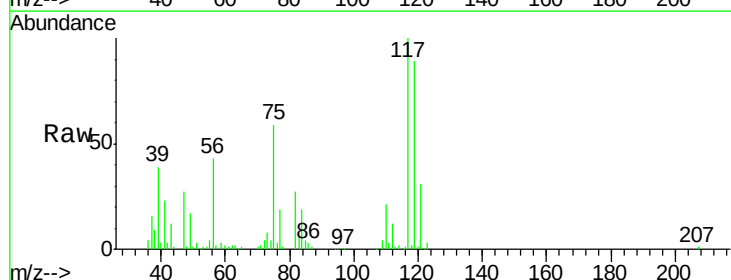
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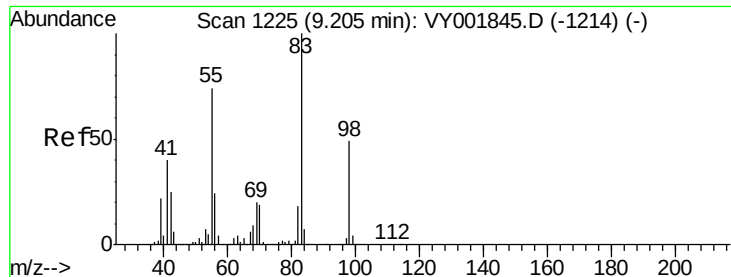
MMDadoda
3/10/2020 2:56:47 PM



#38
Carbon Tetrachloride
Concen: 20.482 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.02 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.1	76.3	114.5
121	30.7	23.5	35.3





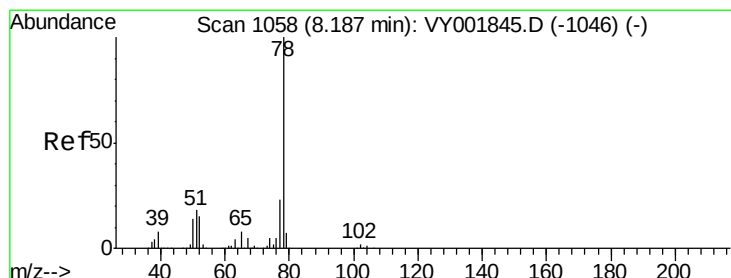
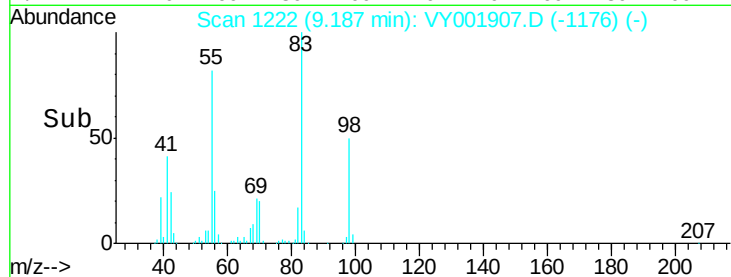
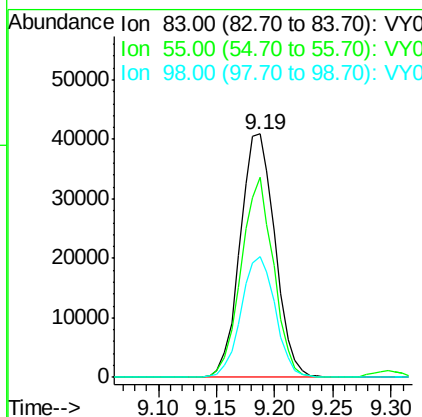
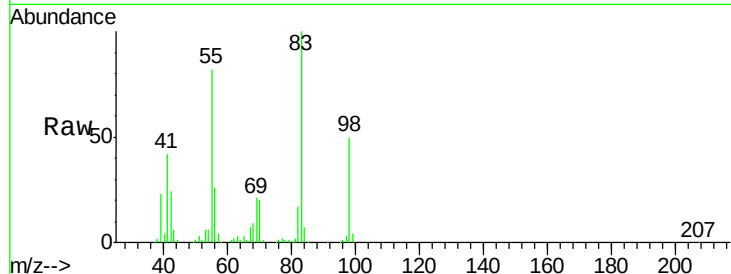
#39
Methylvlcyclohexane
Concen: 20.637 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.0	59.4	89.0
98	49.6	38.9	58.3

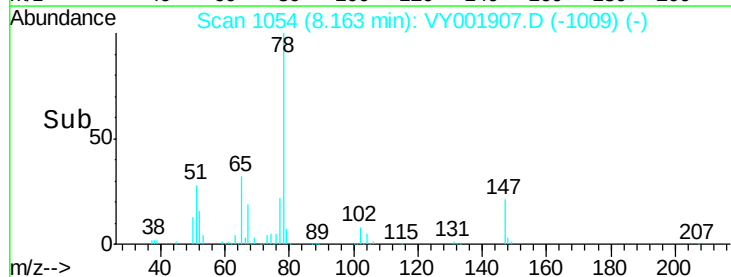
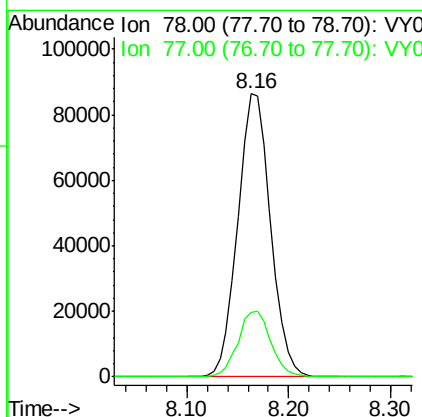
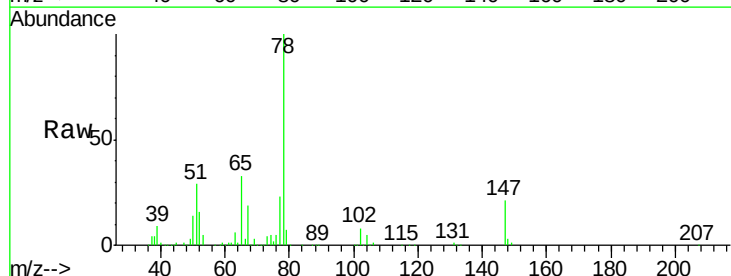
Manual Integrations
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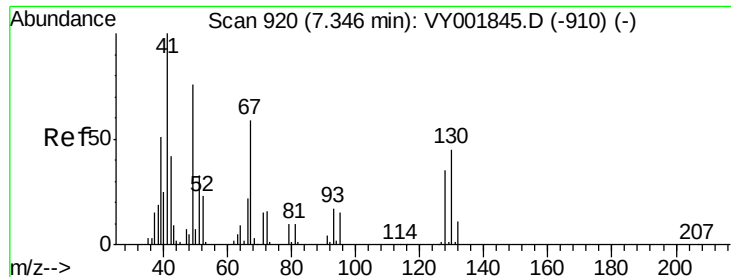
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#40
Benzene
Concen: 20.802 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.02 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.7	28.1





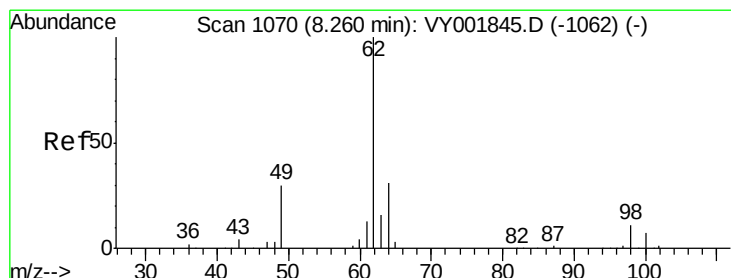
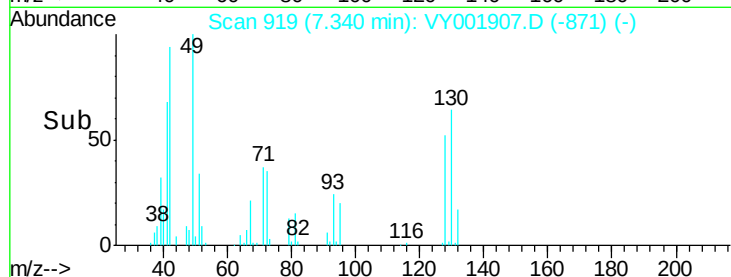
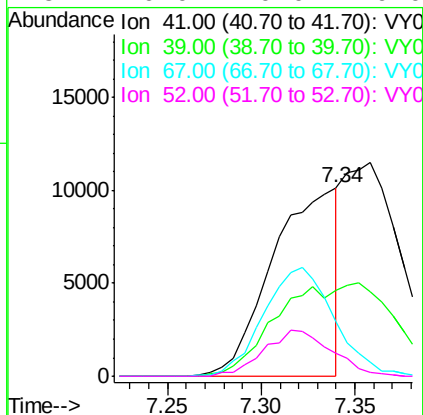
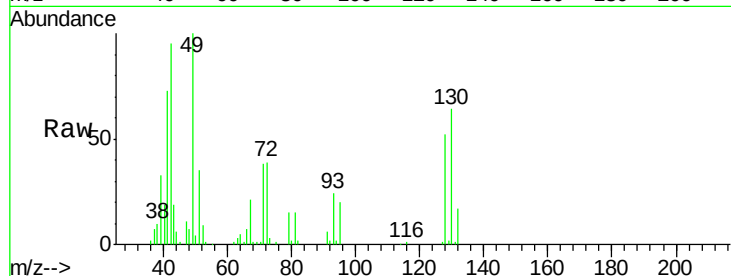
#41
Methacrylonitrile
Concen: 30.342 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	41	Resp	24773
Ion	Ratio	Lower	Upper
41	100		
39	0.0	111.7	167.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

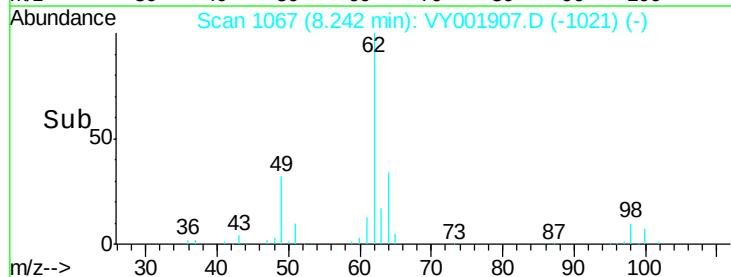
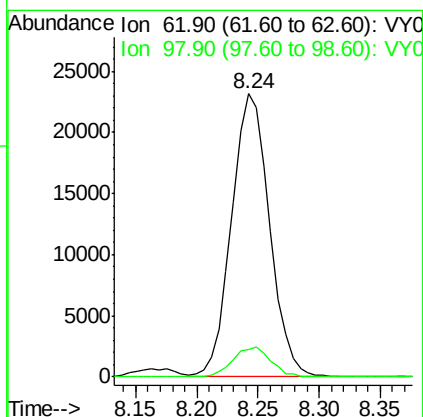
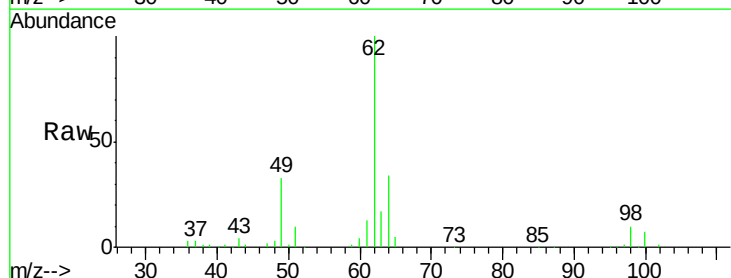
Manual Integrations
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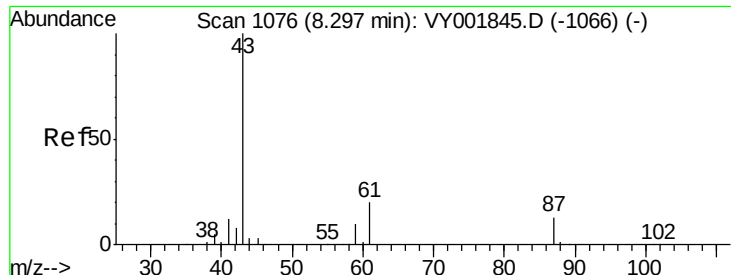
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.914 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.02 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Tgt Ion	62	Resp	49861
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.4





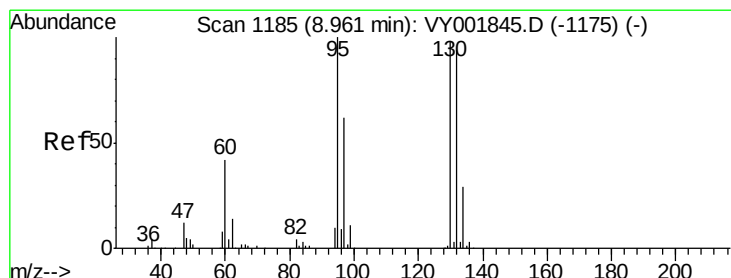
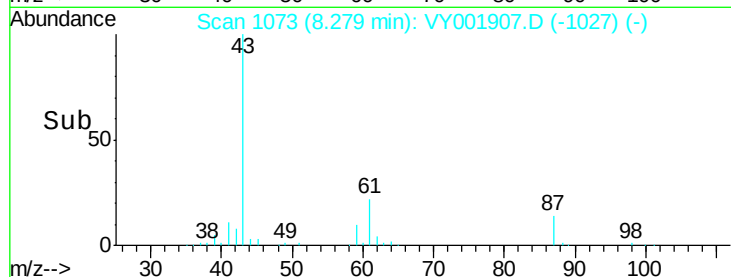
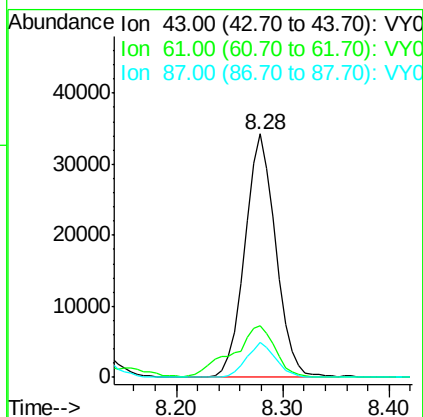
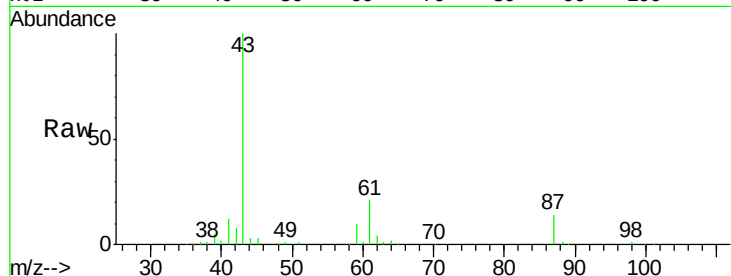
#43
Isopropyl Acetate
Concen: 20.331 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.02 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.1	23.8	35.6
87	13.5	10.9	16.3

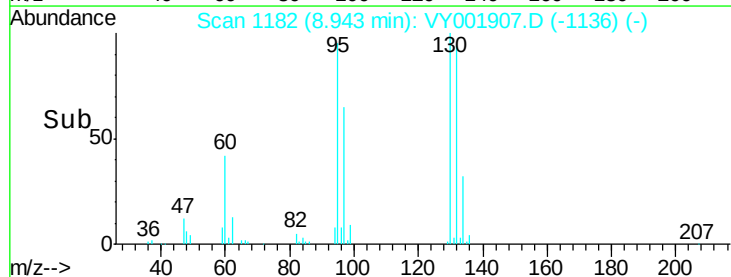
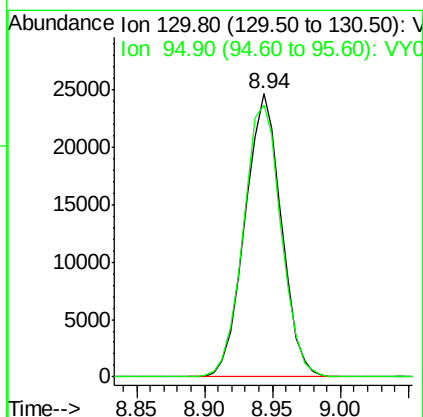
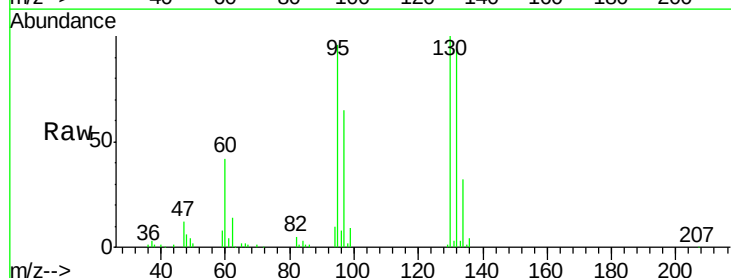
Manual Integrations
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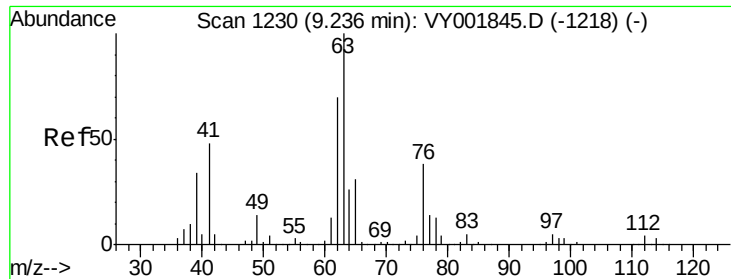
MMDadoda
3/10/2020 2:56:47 PM



#44
Trichloroethene
Concen: 20.489 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	204.6





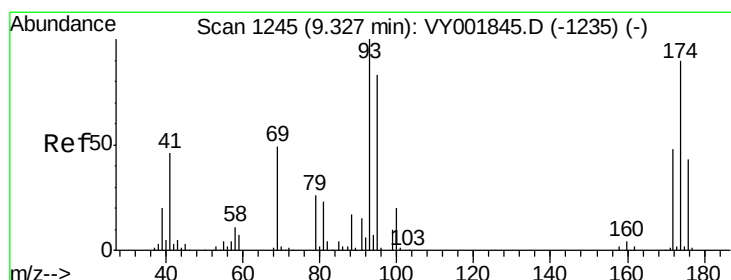
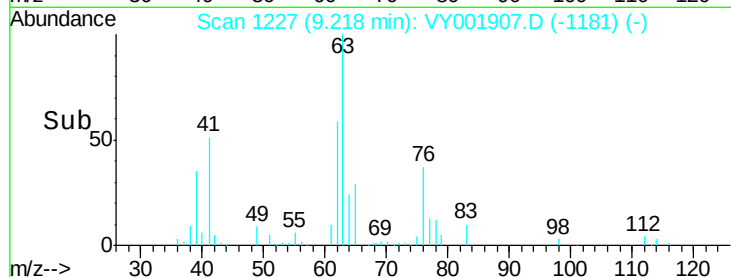
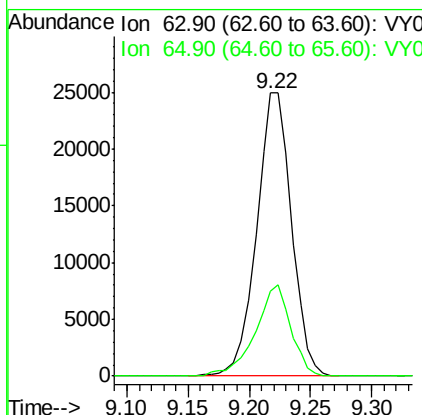
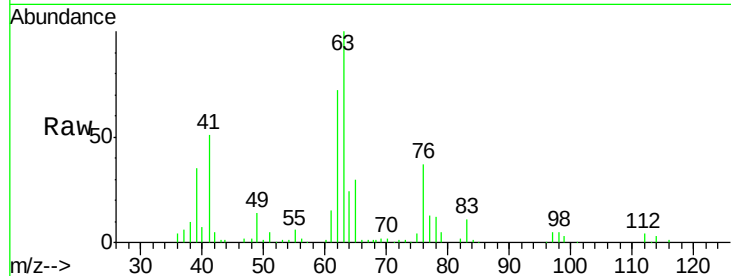
#45
 1,2-Dichloropropane
 Concen: 21.246 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.02 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.9	37.3

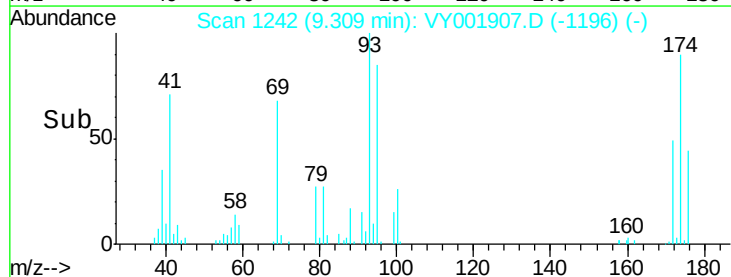
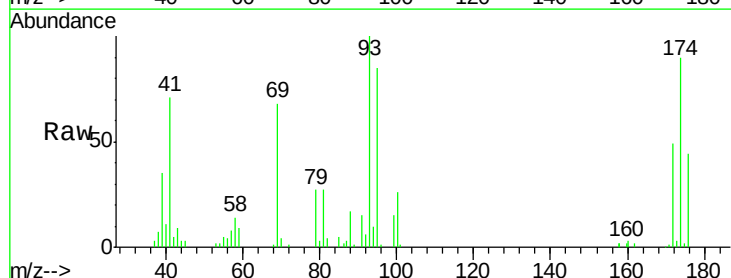
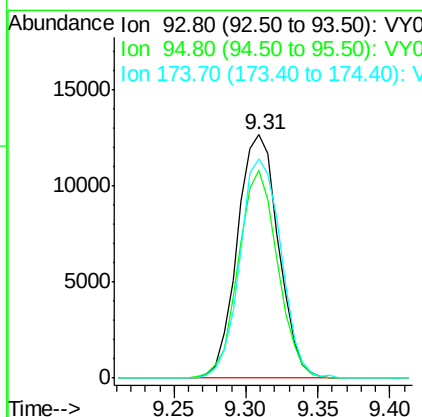
Manual Integrations
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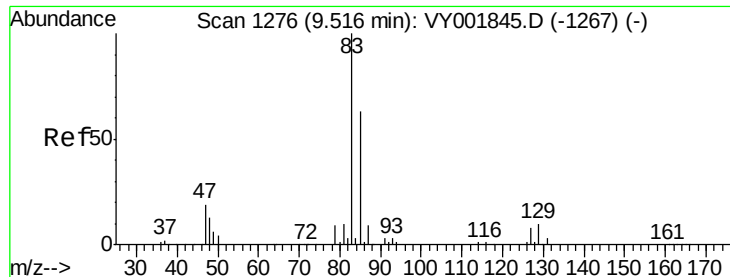
MMDadoda
 3/10/2020 2:56:47 PM



#46
 Dibromomethane
 Concen: 20.931 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	67.0	100.4
174	89.8	71.8	107.8





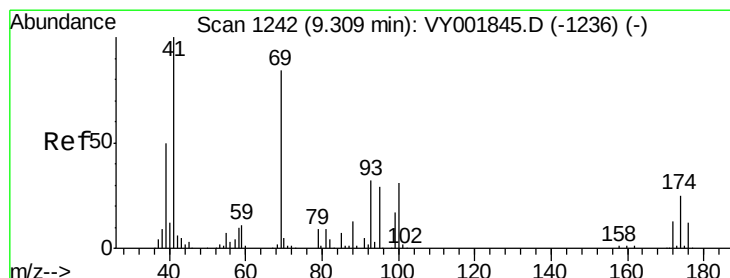
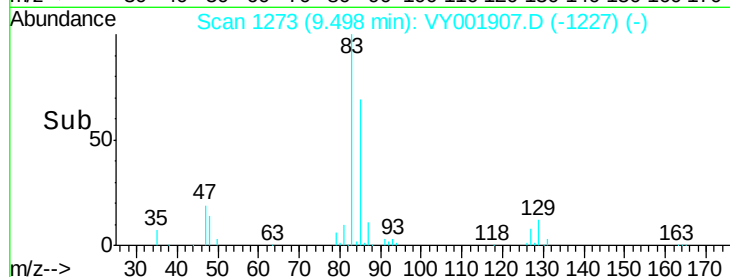
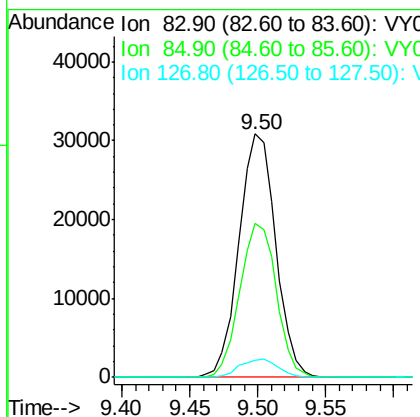
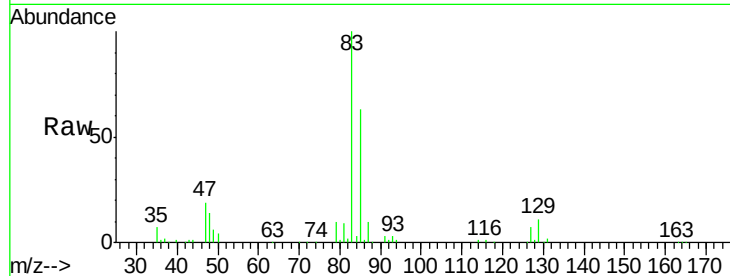
#47
 Bromodichloromethane
 Concen: 20.936 ug/l
 RT: 9.50 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	83	Resp	58371
Ion Ratio	100	Lower	Upper
83	100		
85	63.4	50.6	76.0
127	7.0	6.2	9.4

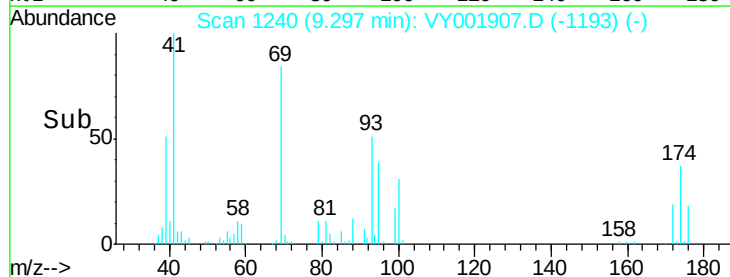
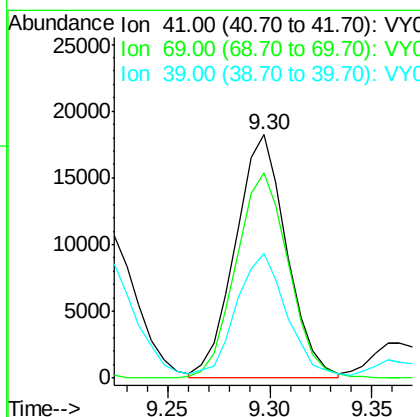
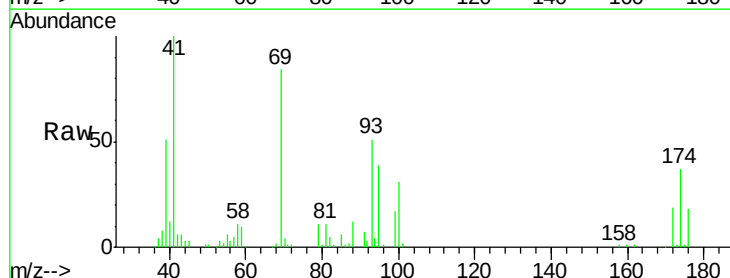
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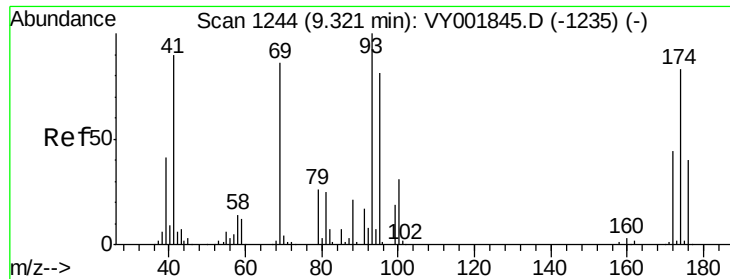
MMDadoda
 3/10/2020 2:56:47 PM



#48
 Methyl methacrylate
 Concen: 20.947 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Tgt Ion	41	Resp	31926
Ion Ratio	100	Lower	Upper
41	100		
69	86.4	69.0	103.6
39	48.1	39.1	58.7





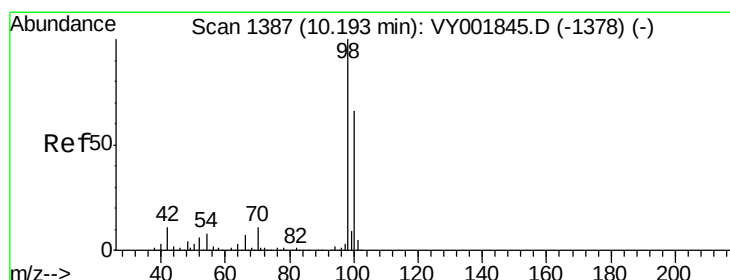
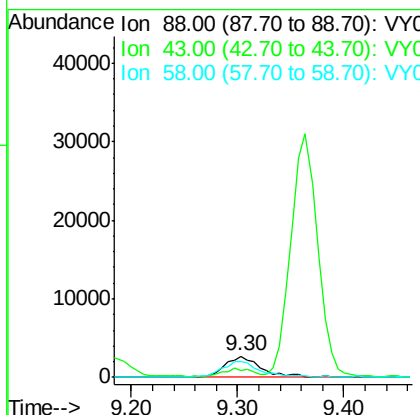
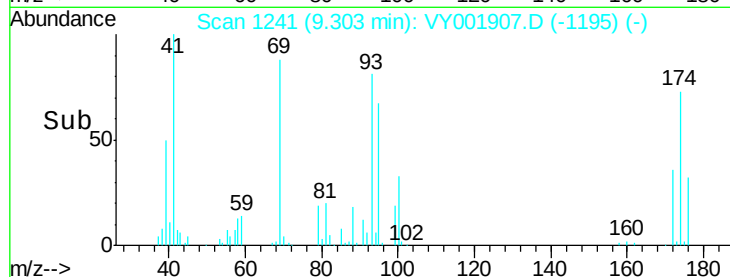
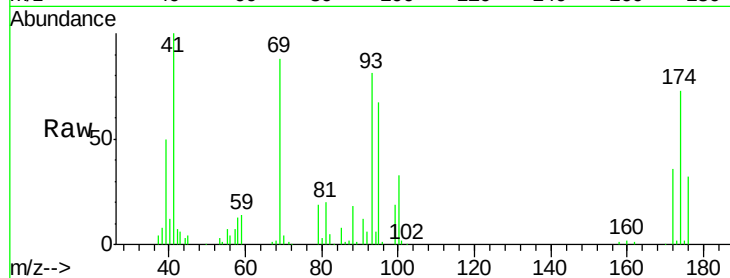
#49
 1,4-Dioxane
 Concen: 392.928 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	88	Resp	6453
Ion	Ratio	Lower	Upper
88	100		
43	29.5	25.0	37.6
58	82.7	58.9	88.3

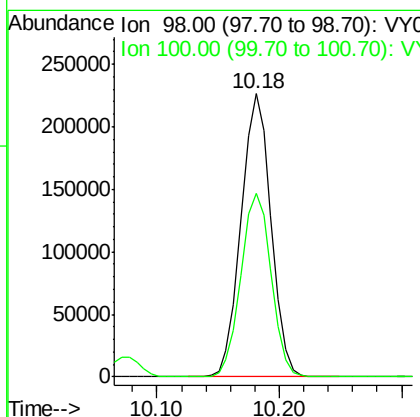
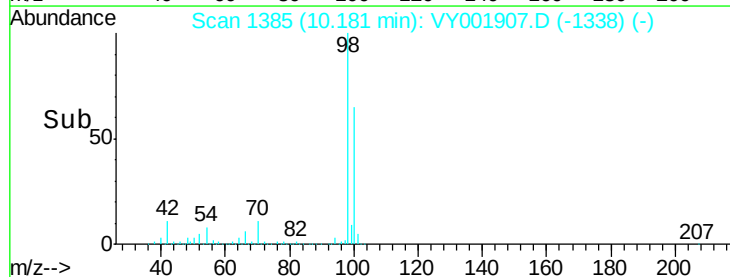
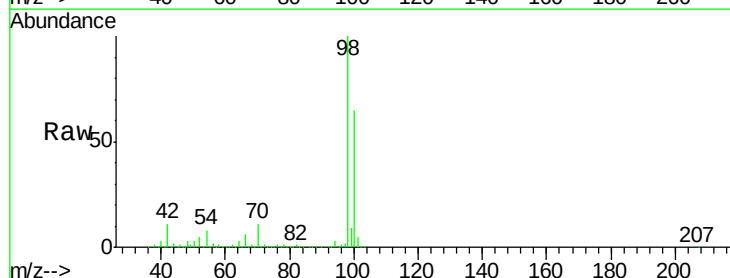
Manual Integrations
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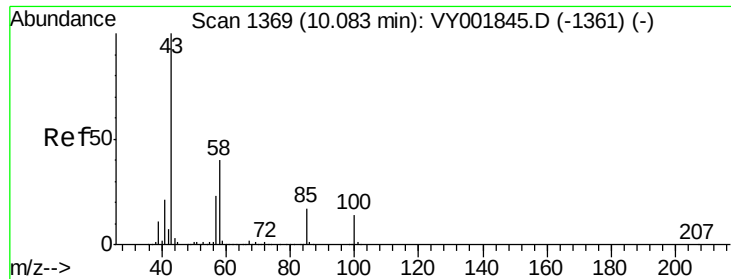
MMDadoda
 3/10/2020 2:56:47 PM



#50
 Toluene-d8
 Concen: 51.360 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Tgt Ion	98	Resp	383607
Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.4





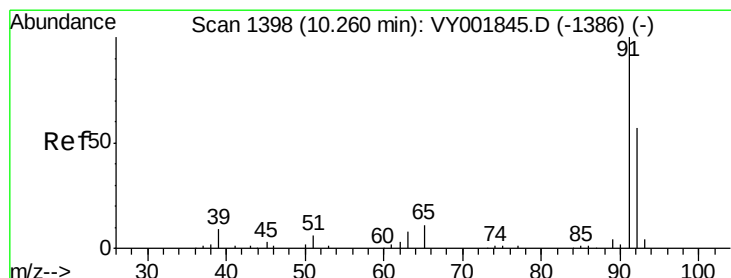
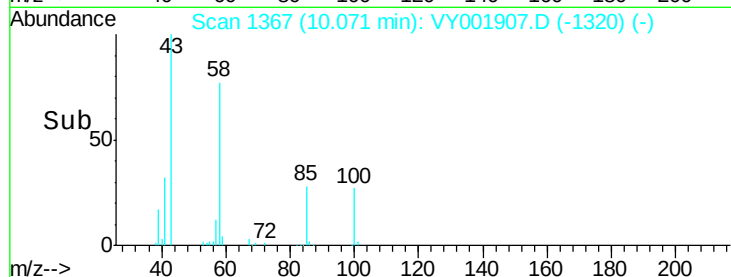
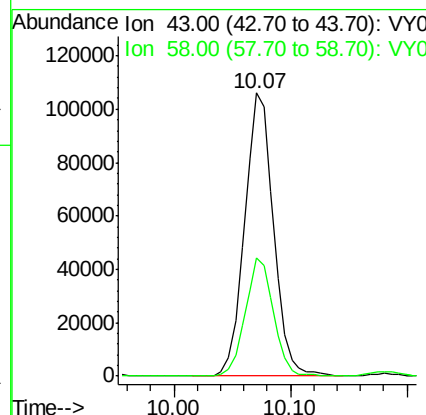
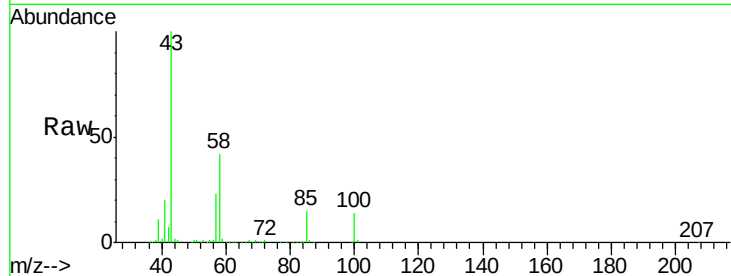
#51
4-Methyl-2-Pentanone
Concen: 103.430 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	43	58	Ratio	Lower	Upper
182983	100	40.6		32.0	48.0

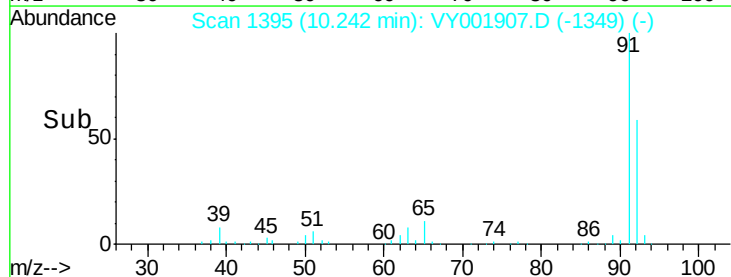
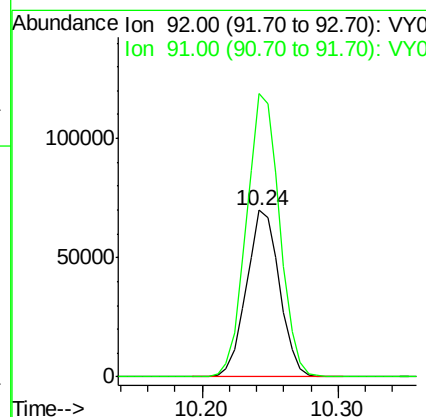
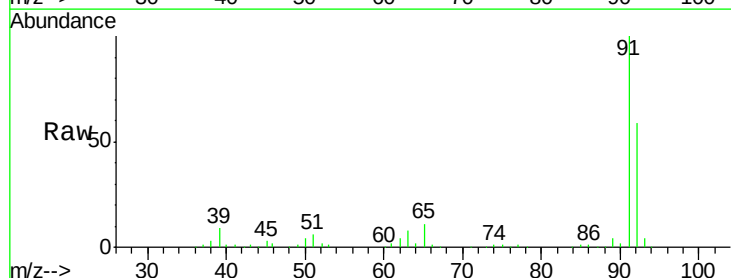
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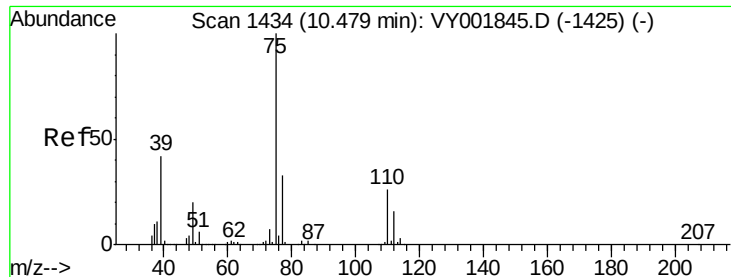
MMDadoda
3/10/2020 2:56:47 PM



#52
Toluene
Concen: 21.102 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.02 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Tgt Ion	92	91	Ratio	Lower	Upper
118600	100	171.0		138.6	208.0





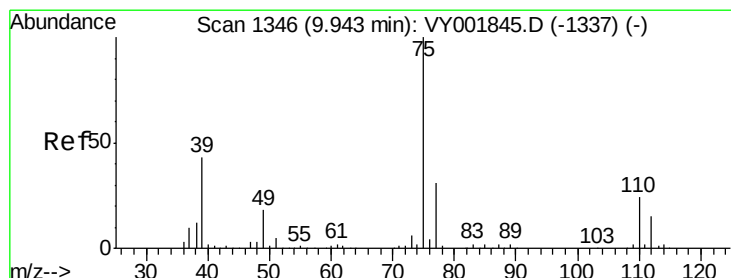
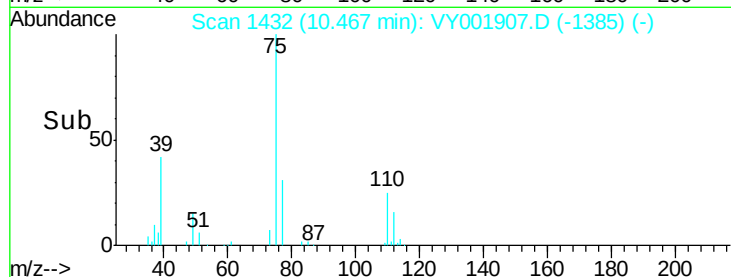
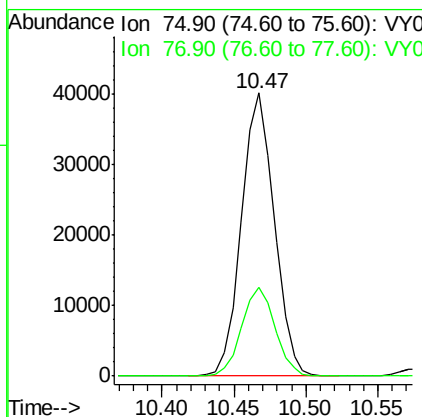
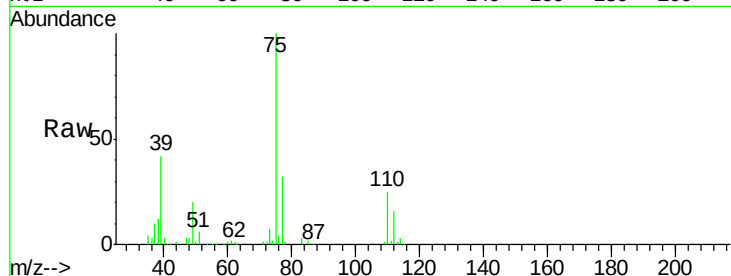
#53
 t-1,3-Dichloropropene
 Concen: 20.817 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.3	39.5

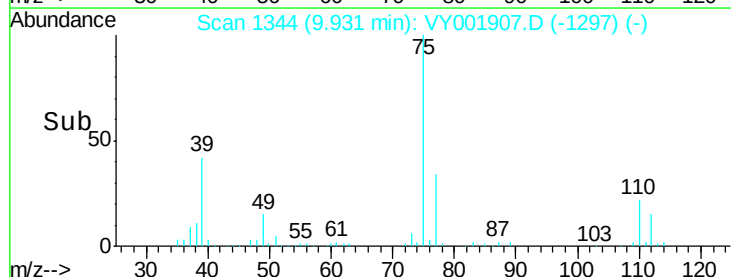
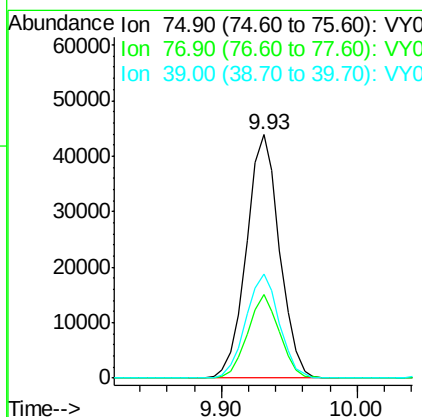
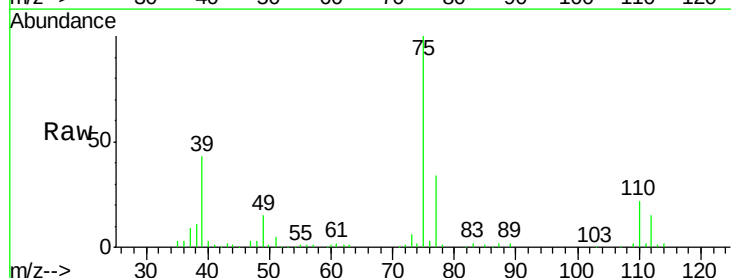
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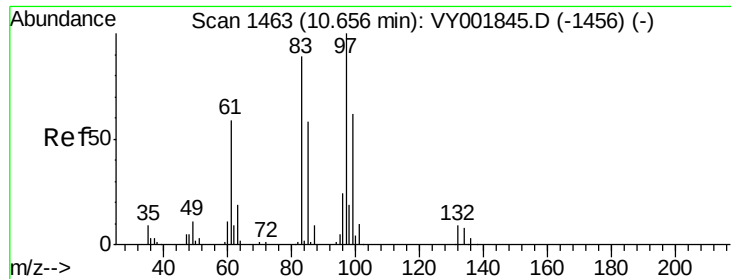
MMDadoda
 3/10/2020 2:56:47 PM



#54
 cis-1,3-Dichloropropene
 Concen: 20.663 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.1	37.7
39	42.9	34.7	52.1





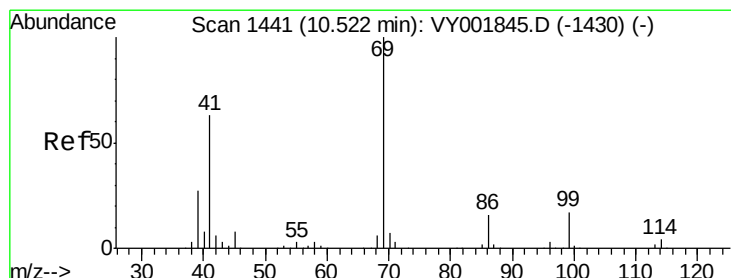
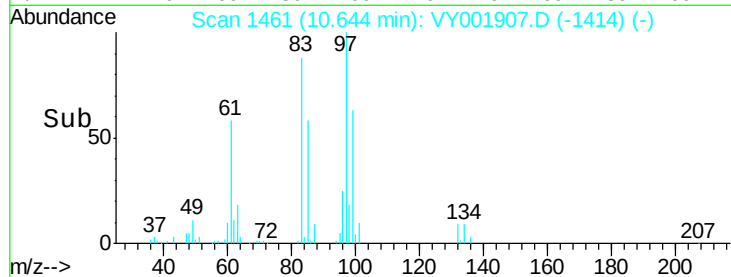
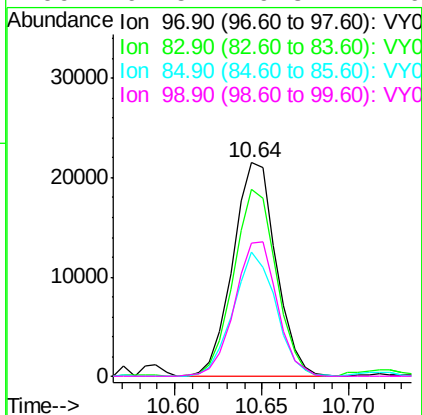
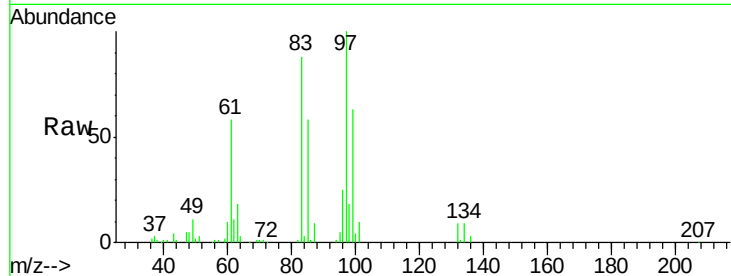
#55
 1,1,2-Trichloroethane
 Concen: 21.135 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		37071		
83	87.7	71.6	107.4		
85	58.0	46.6	69.8		
99	62.5	49.8	74.6		

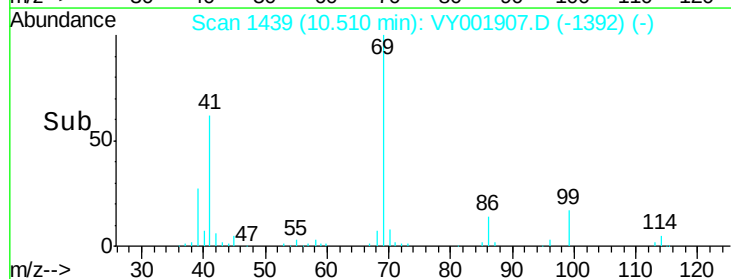
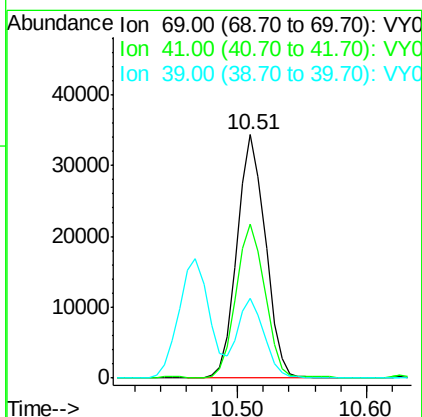
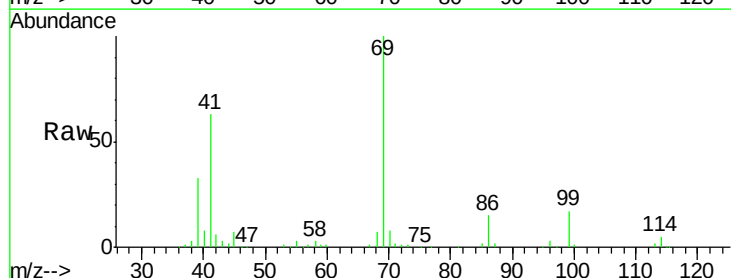
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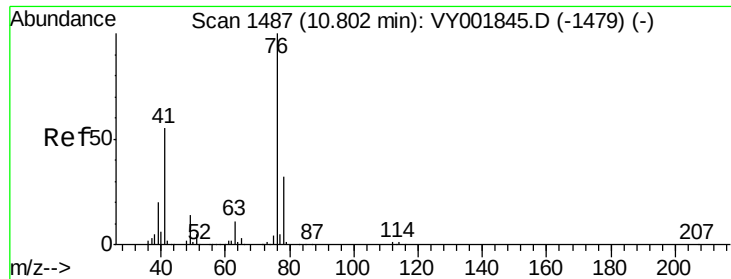
MMDadoda
 3/10/2020 2:56:47 PM



#56
 Ethyl methacrylate
 Concen: 20.483 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		52662		
41	64.5	49.9	74.9		
39	29.9	23.0	34.6		





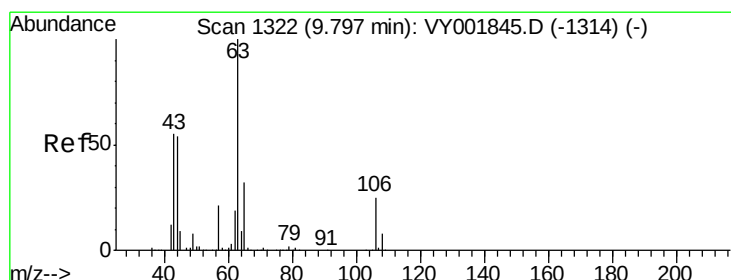
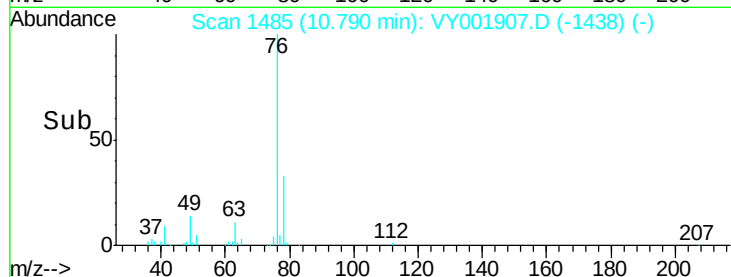
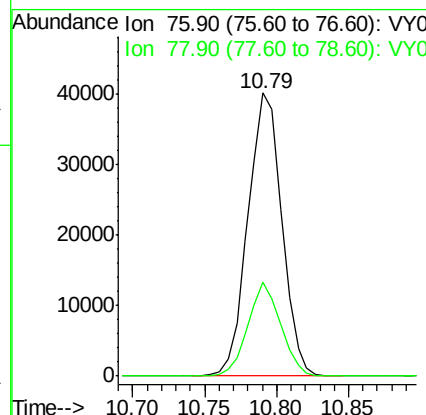
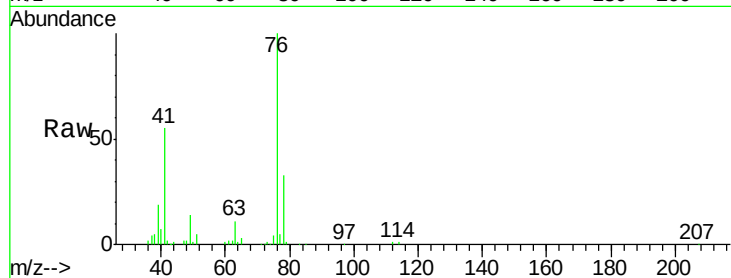
#57
 1,3-Dichloropropane
 Concen: 20.888 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion: 76 Resp: 65310
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6

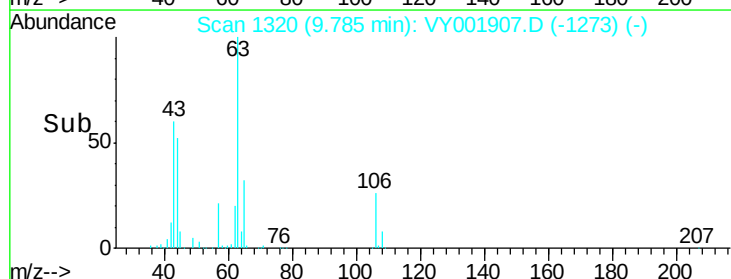
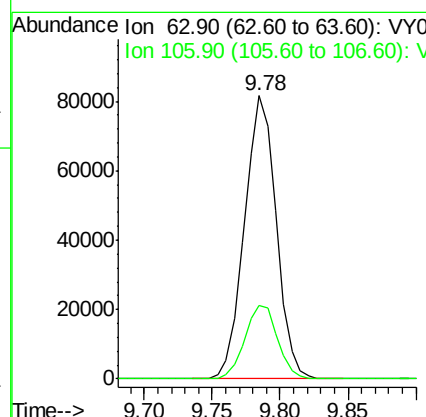
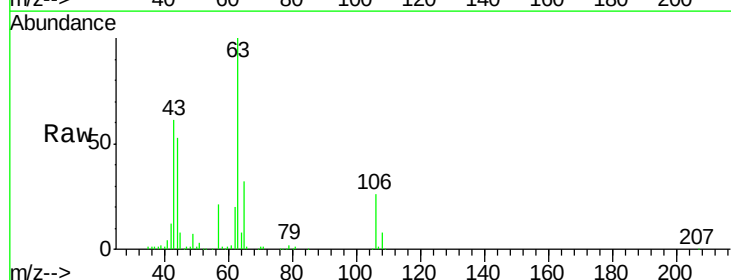
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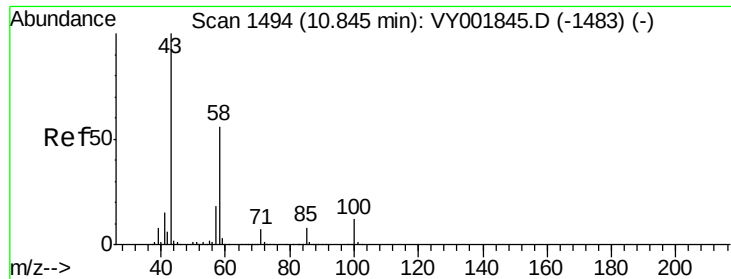
MMDadoda
 3/10/2020 2:56:47 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 133.025 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Tgt Ion: 63 Resp: 133076
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.3 31.9





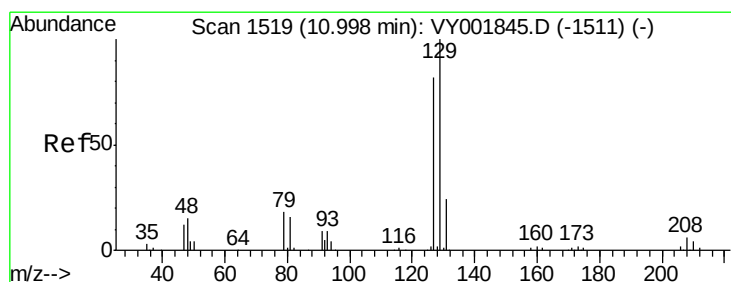
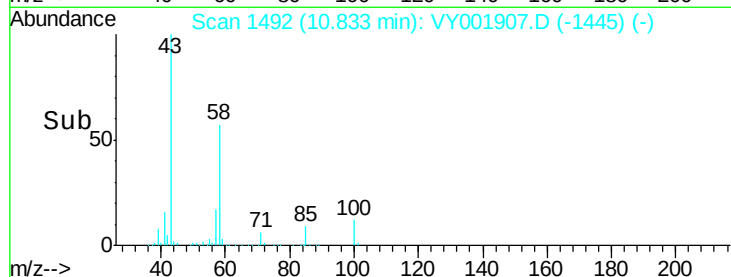
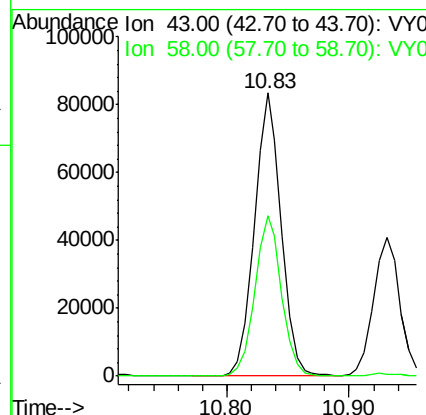
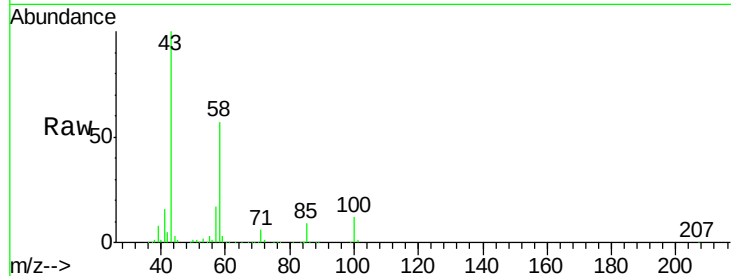
#59
2-Hexanone
Concen: 100.499 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.6	28.1	84.3

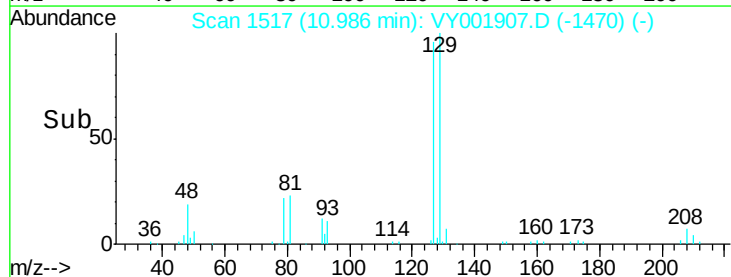
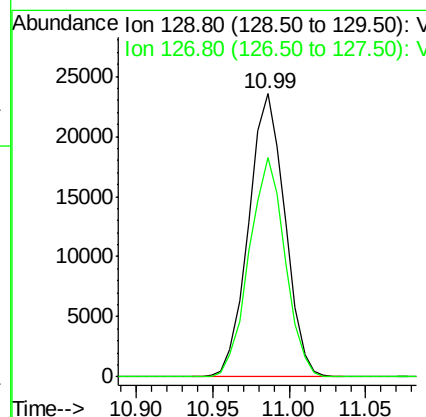
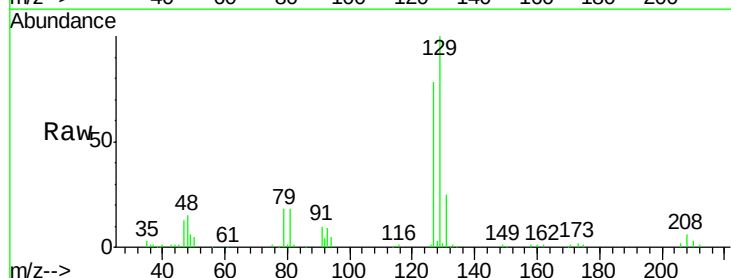
Manual Integrations
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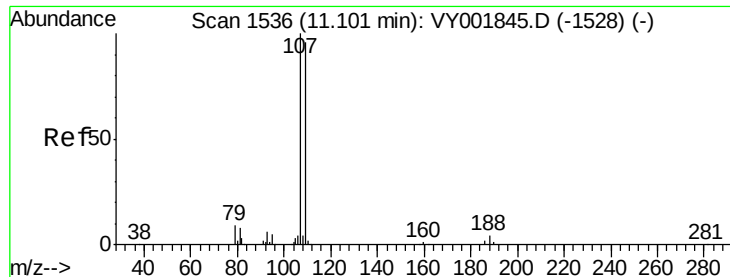
MMDadoda
3/10/2020 2:56:47 PM



#60
Dibromochloromethane
Concen: 21.030 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	39.0	117.0





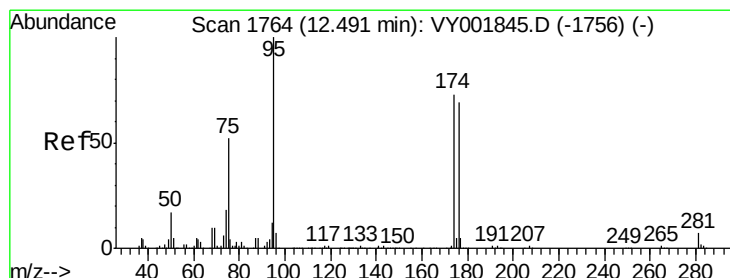
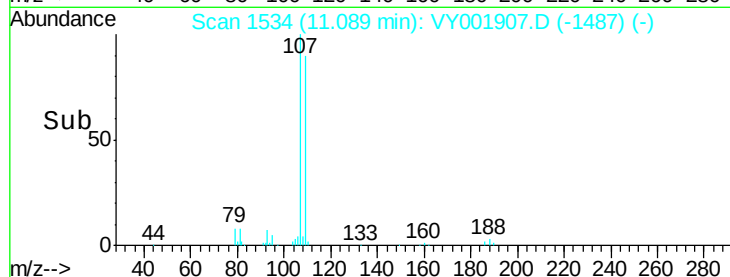
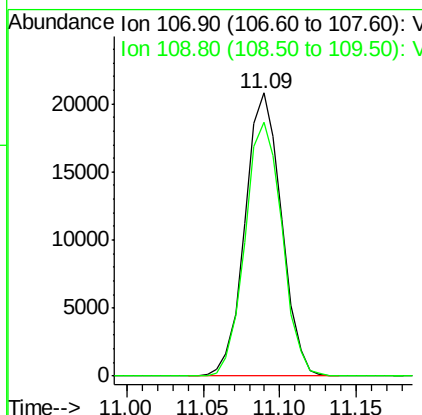
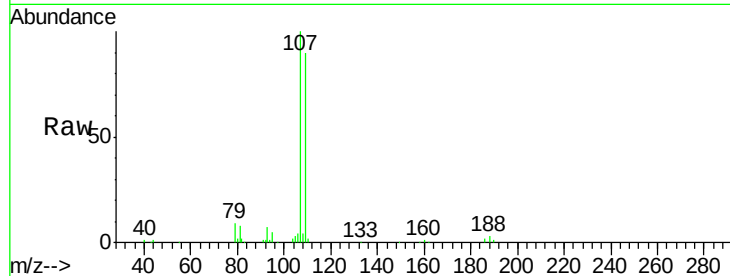
#61
 1,2-Dibromoethane
 Concen: 20.713 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.2	75.4	113.0

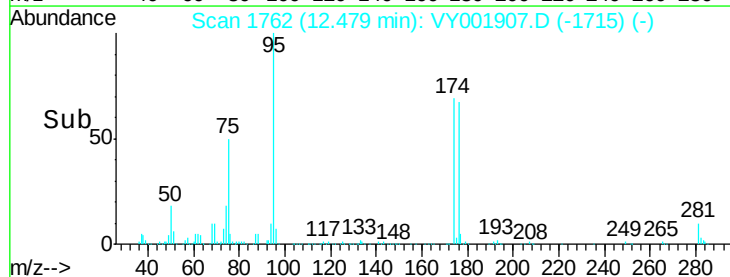
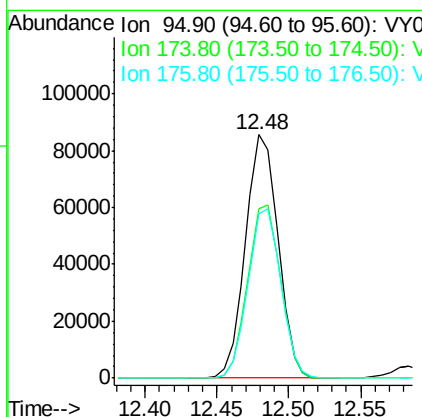
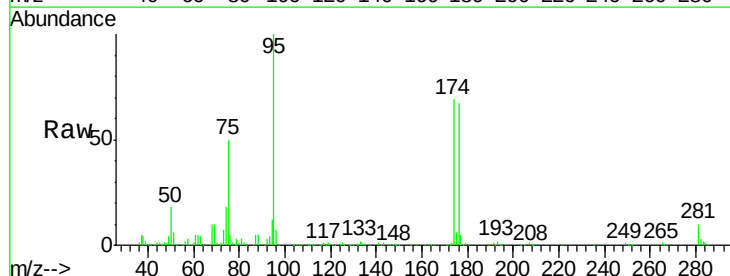
Manual Integrations
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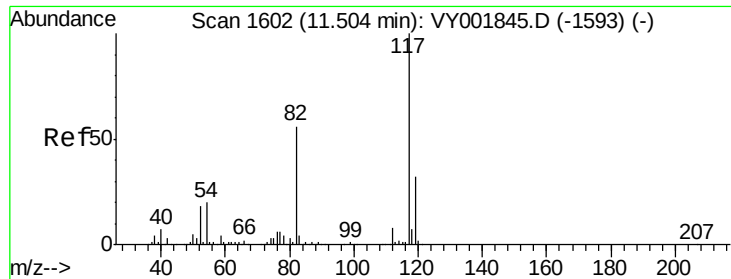
MMDadoda
 3/10/2020 2:56:47 PM



#62
 4-Bromofluorobenzene
 Concen: 51.655 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	145.0
176	69.9	0.0	137.4





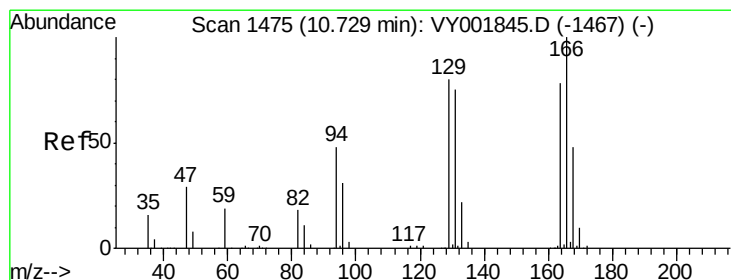
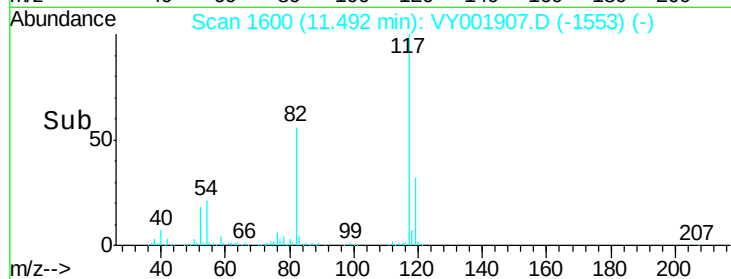
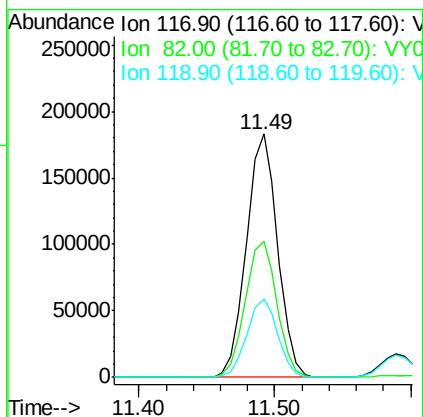
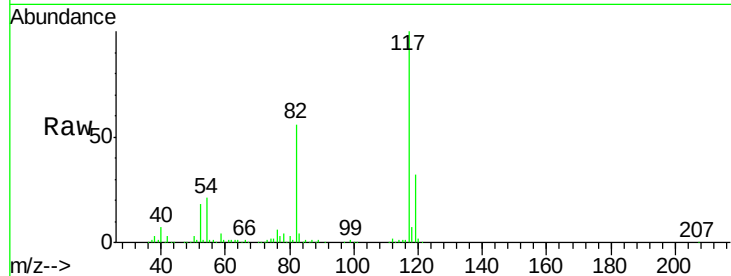
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	293652		
82	56.1		44.5	66.7
119	32.1		25.7	38.5

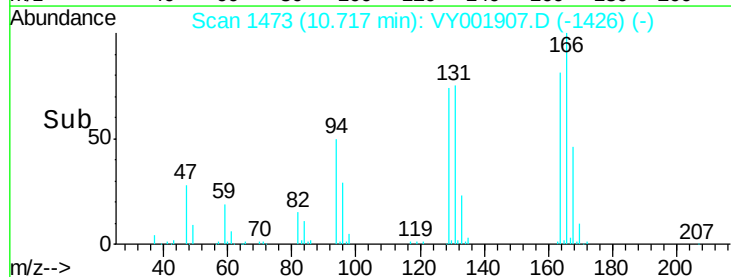
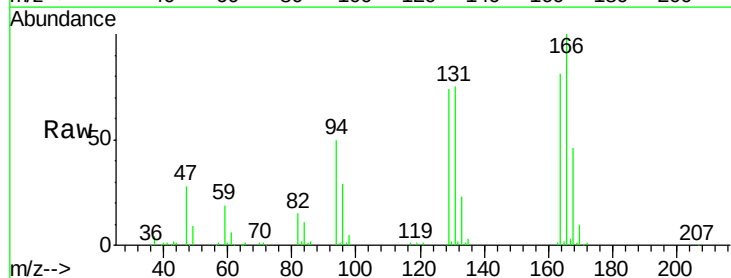
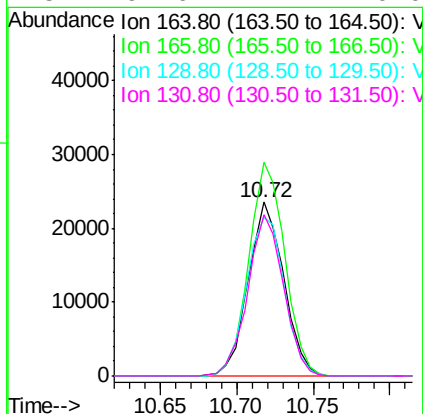
Manual Integrations
APPROVED

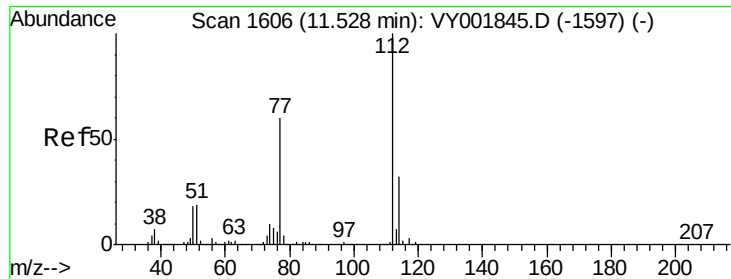
MMDadoda
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#64
Tetrachloroethene
Concen: 20.661 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	38048		
166	123.0		102.6	154.0
129	91.6		82.3	123.5
131	92.6		77.4	116.0





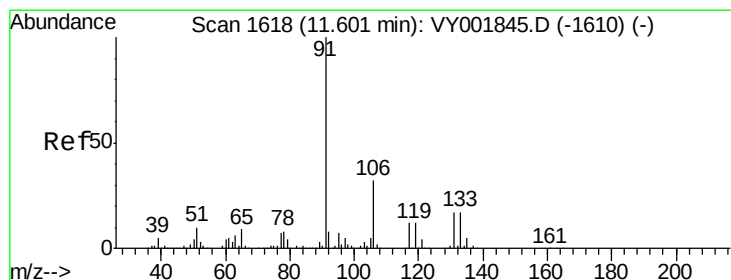
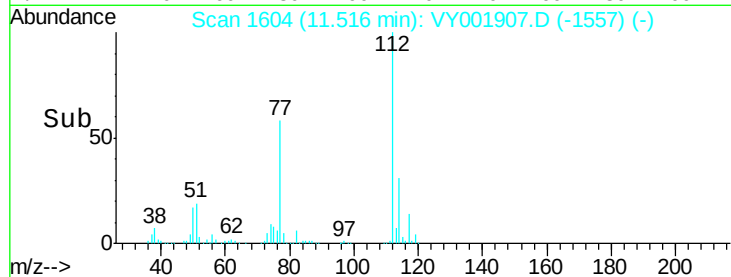
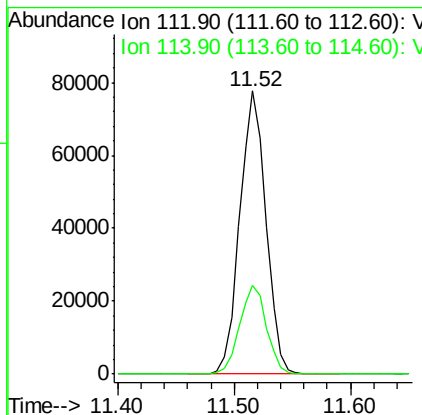
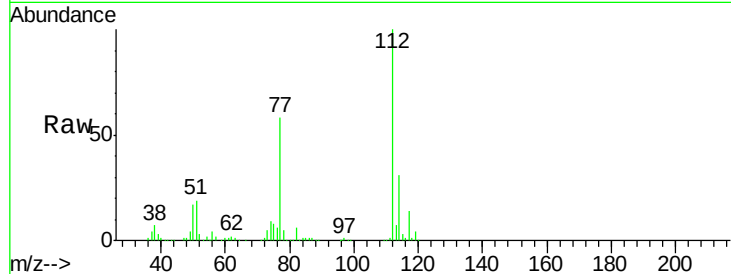
#65
Chlorobenzene
Concen: 20.790 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	121645		
114	31.2	25.9	38.9	

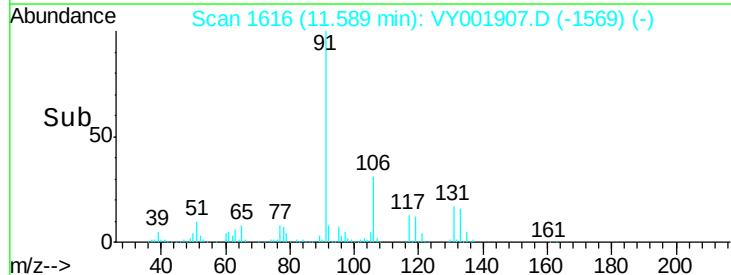
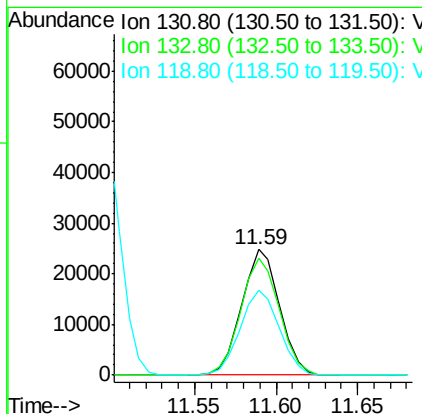
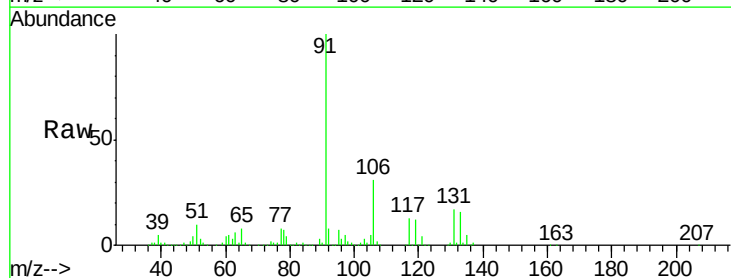
Manual Integrations
APPROVED

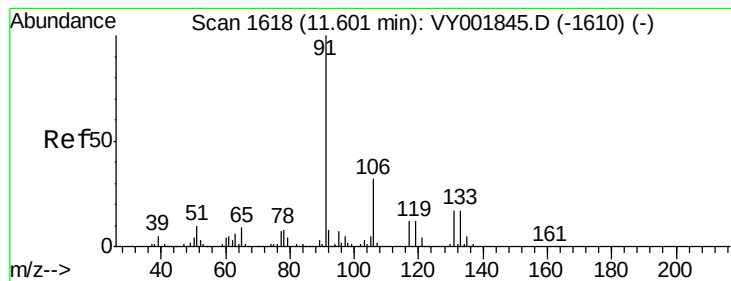
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.878 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	40060		
133	95.0	47.1	141.3	
119	69.3	34.5	103.6	





#67

Ethyl Benzene

Concen: 20.717 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion: 91 Resp: 226072

Ion Ratio Lower Upper

91 100

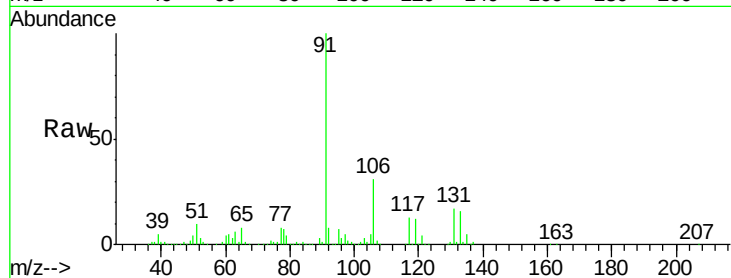
106 31.4 25.4 38.2

Manual Integrations

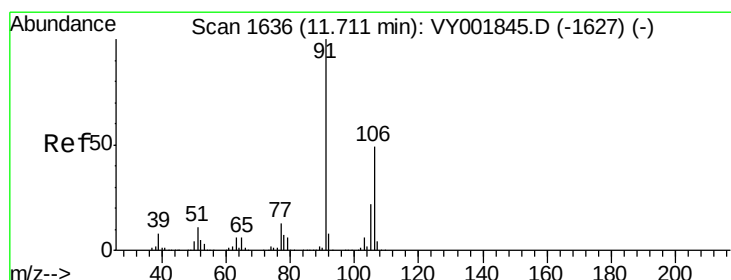
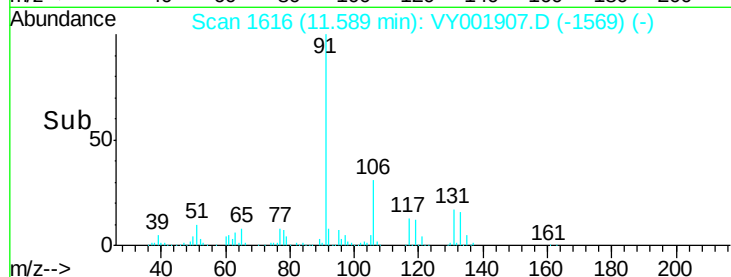
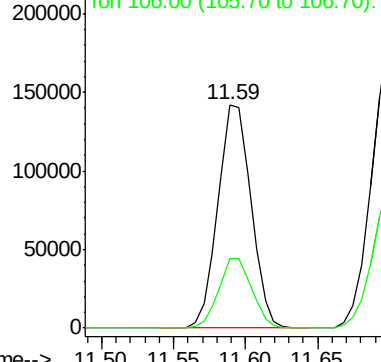
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Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1610) (-)



#68

m/p-Xylenes

Concen: 41.254 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY001907.D

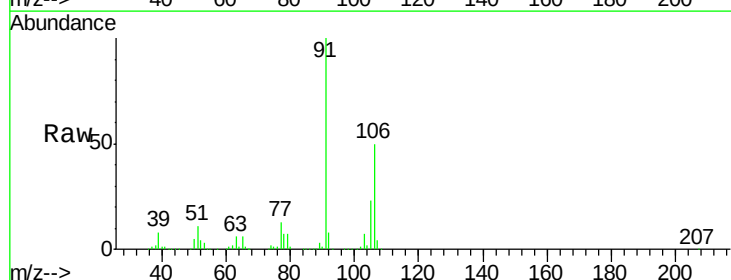
Acq: 09 Mar 2020 13:23

Tgt Ion: 106 Resp: 166435

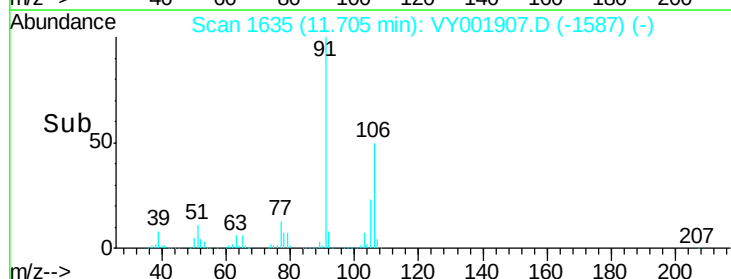
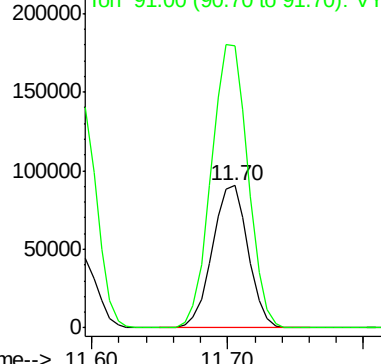
Ion Ratio Lower Upper

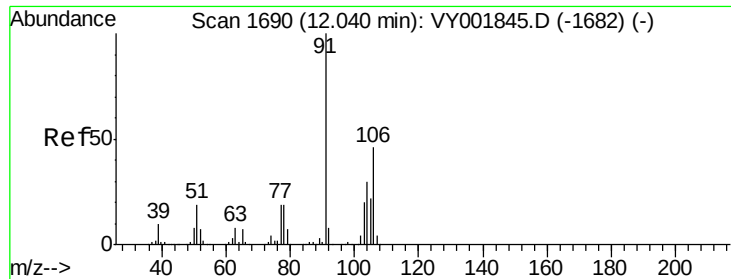
106 100

91 204.4 161.3 241.9



Abundance Ion 106.00 (105.70 to 106.70): VY001845.D (-1627) (-)





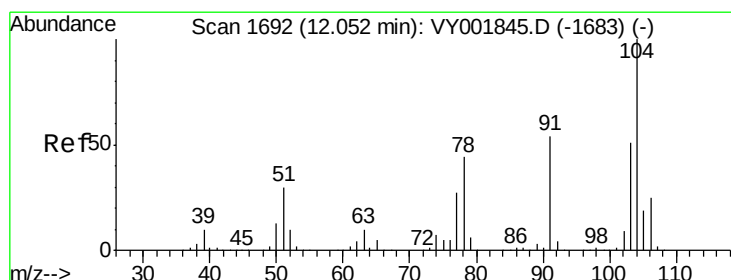
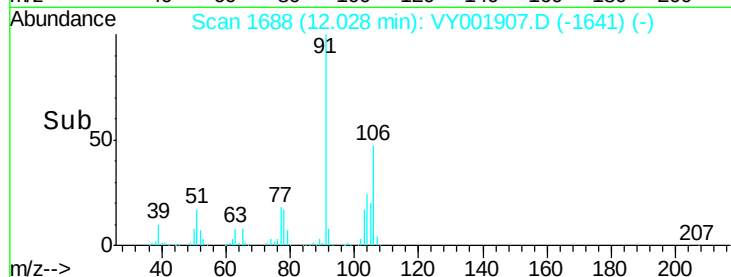
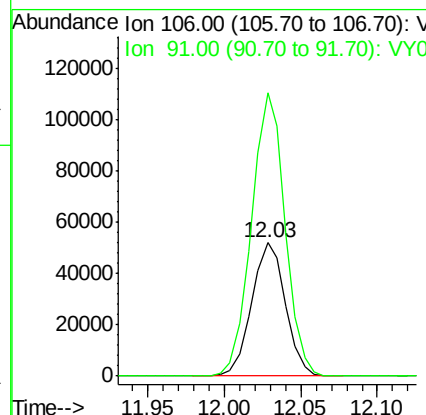
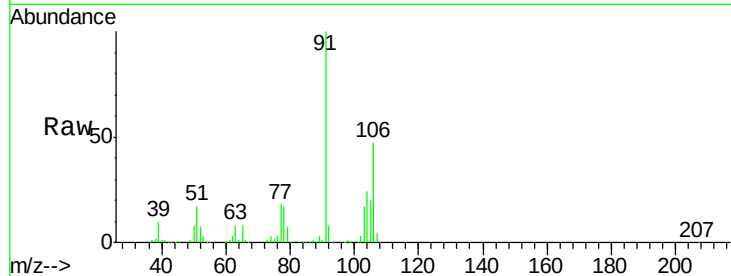
#69
o-Xylene
Concen: 20.959 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion:106 Resp: 79696
Ion Ratio Lower Upper
106 100
91 210.6 106.8 320.4

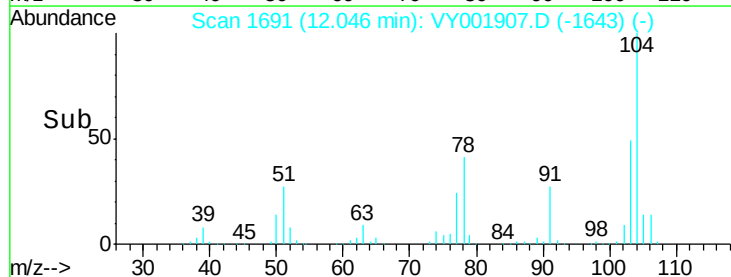
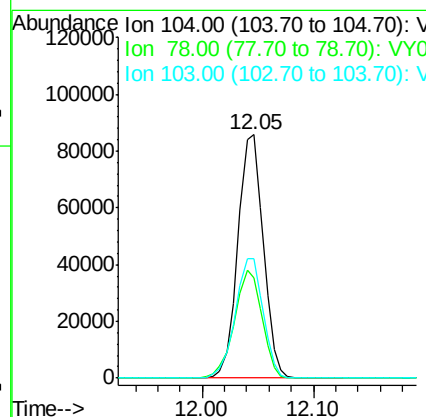
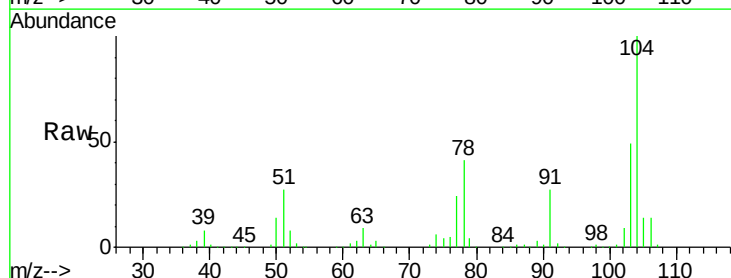
Manual Integrations
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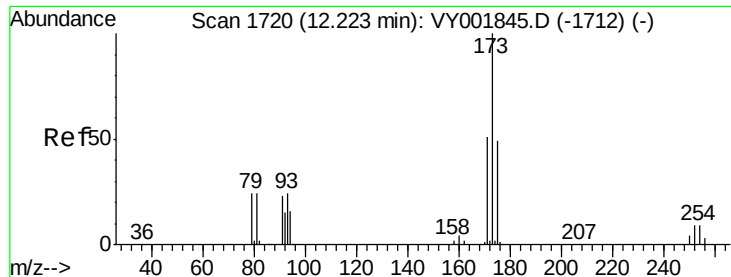
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#70
Styrene
Concen: 20.904 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Tgt Ion:104 Resp: 136143
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 53.6 42.9 64.3





#71

Bromoform

Concen: 20.276 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.02 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion:173 Resp: 21099

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

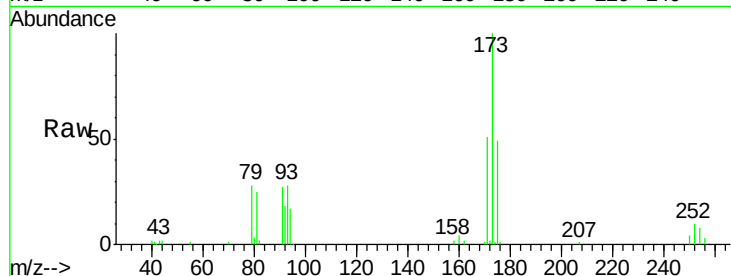
254 0.0 0.0 0.0

Manual Integrations

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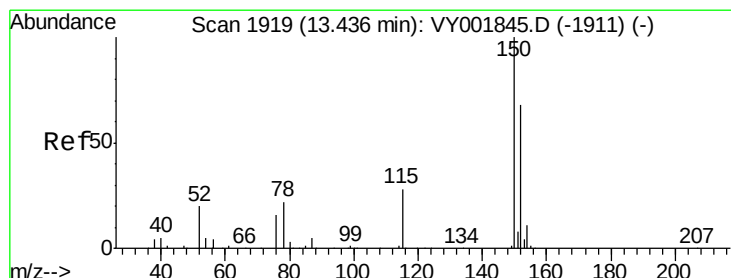
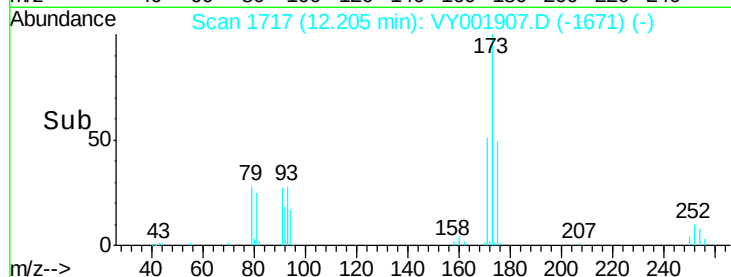
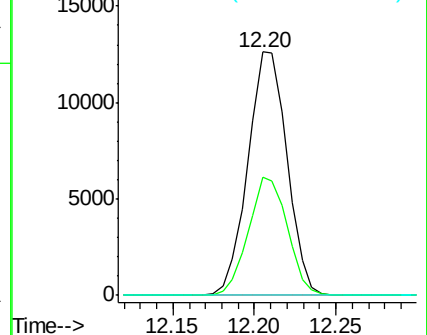
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

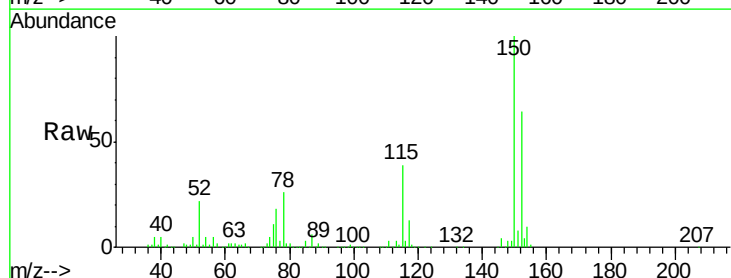
Tgt Ion:152 Resp: 139226

Ion Ratio Lower Upper

152 100

115 60.1 29.9 89.7

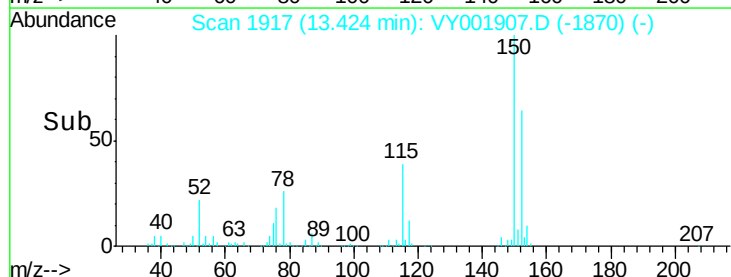
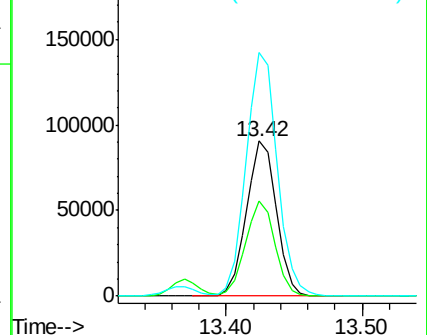
150 163.9 0.0 340.6

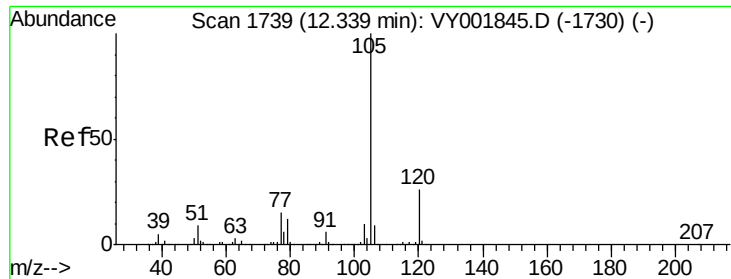


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.917 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion:105 Resp: 211676

Ion Ratio Lower Upper

105 100

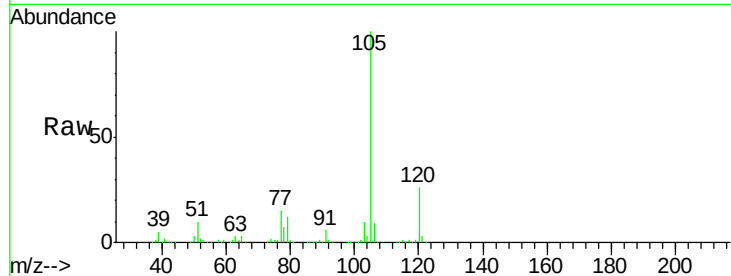
120 26.3 13.1 39.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

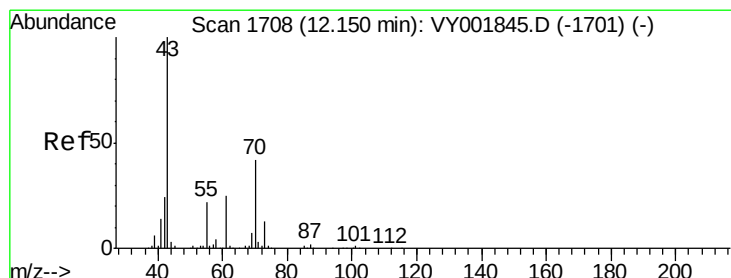
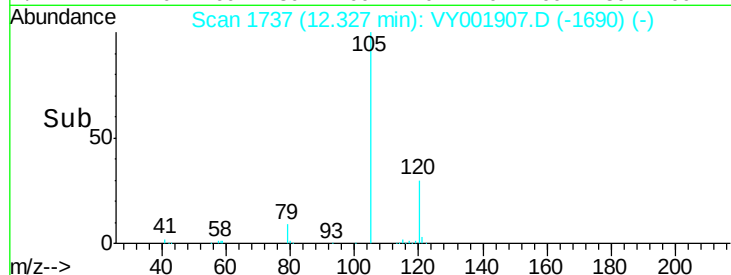
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.529 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Tgt Ion: 43 Resp: 63790

Ion Ratio Lower Upper

43 100

70 45.0 34.7 52.1

55 23.6 18.2 27.4

61 26.2 20.1 30.1

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.14

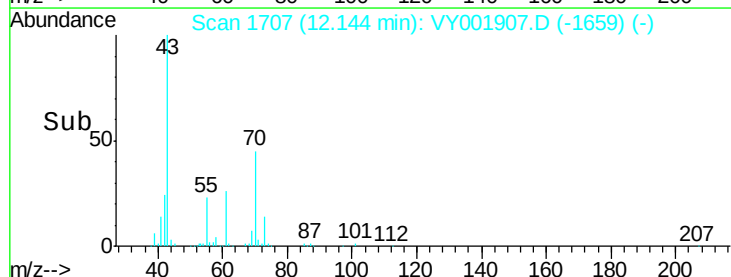
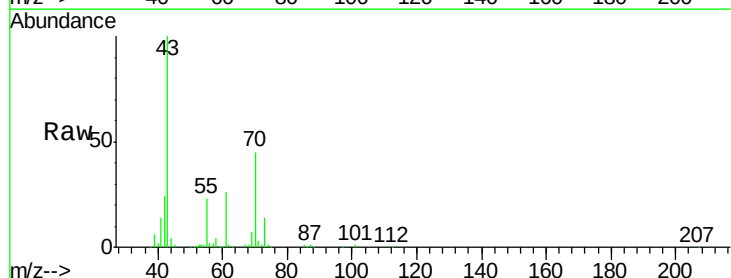
60000

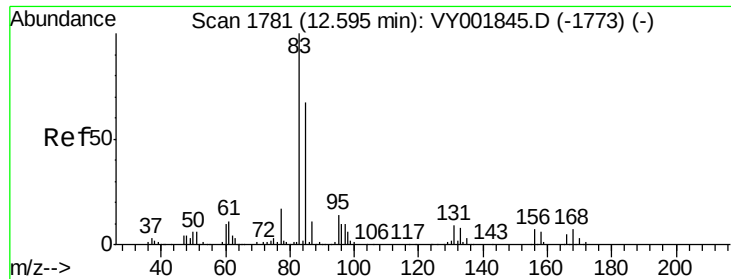
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.723 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

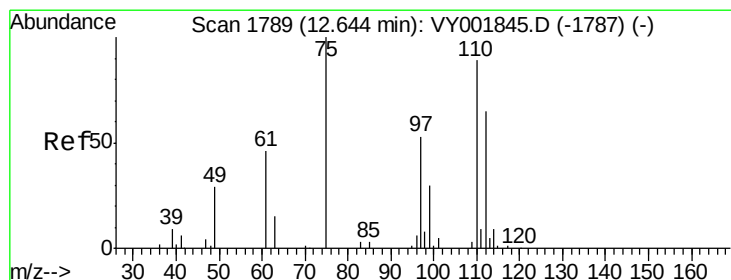
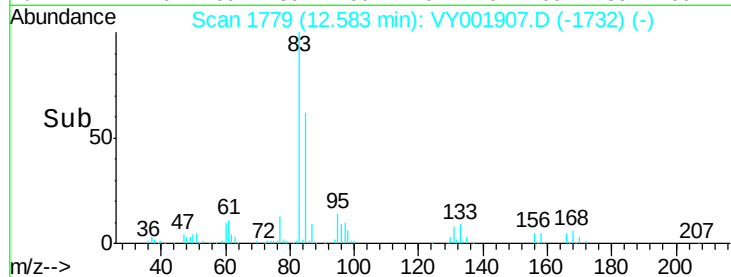
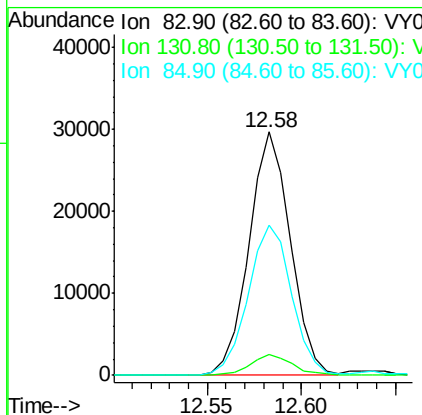
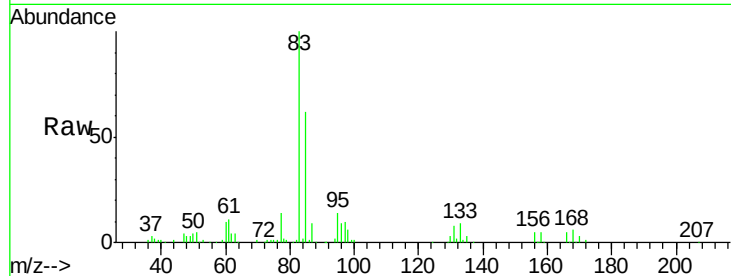
ClientSampleId :

VY0309SBS01

Tot Ion:	83	Resp:	45205
Ion Ratio	Lower	Upper	
83	100		
131	8.7	4.6	13.8
85	64.6	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.965 ug/l m

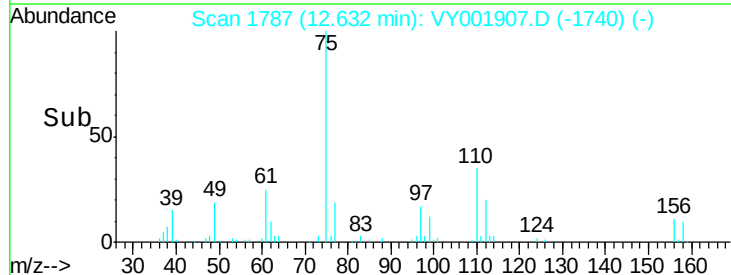
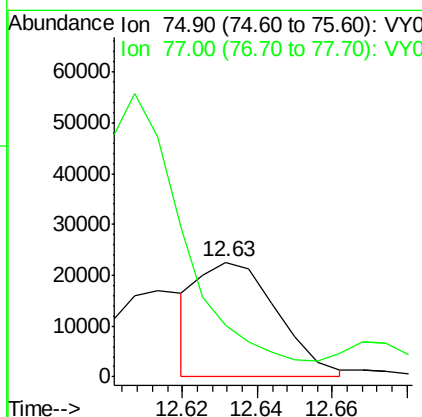
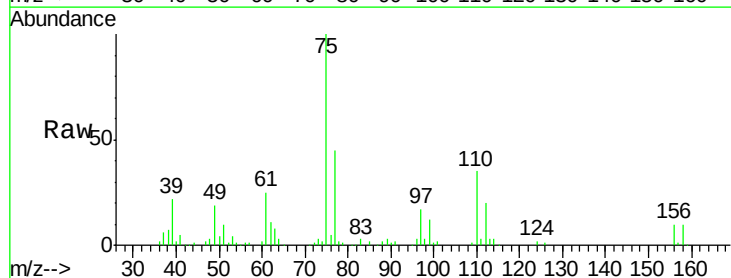
RT: 12.63 min Scan# 1787

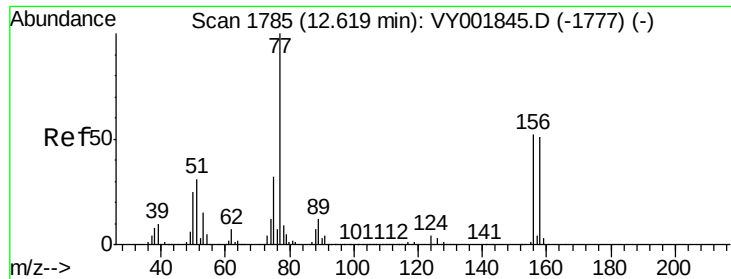
Delta R.T. -0.01 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Tgt Ion:	75	Resp:	32983
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.444 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

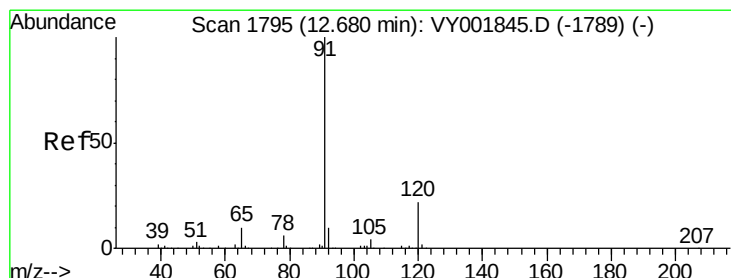
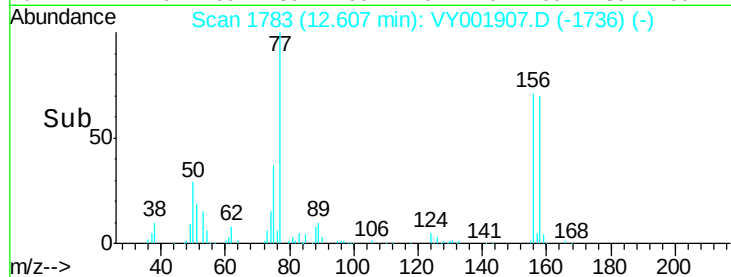
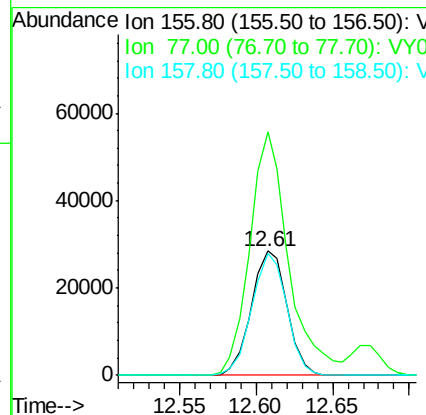
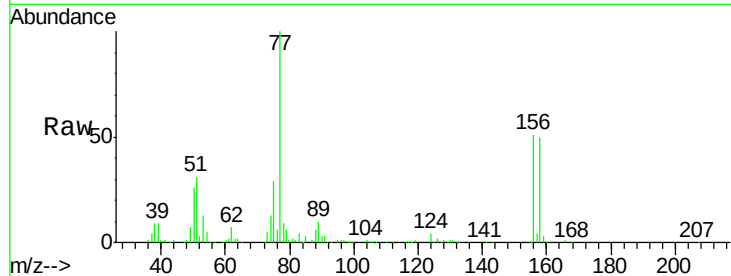
ClientSampleId :

VY0309SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	213.5	109.0	327.0
158	96.4	48.9	146.8

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#78

n-propylbenzene

Concen: 20.330 ug/l

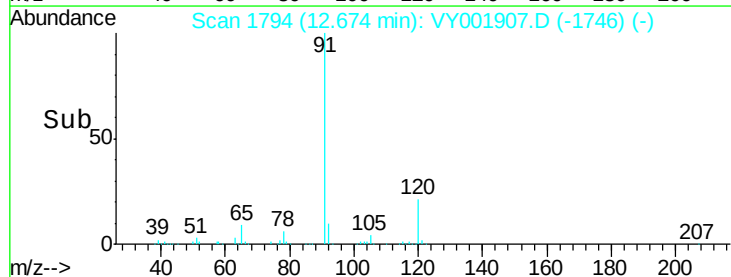
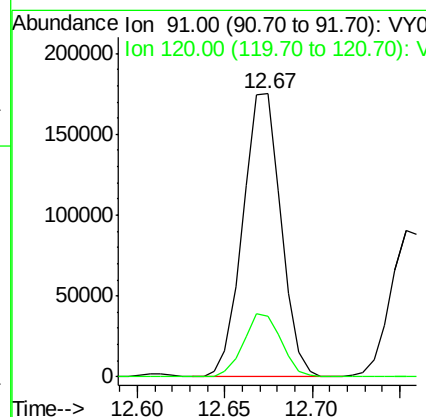
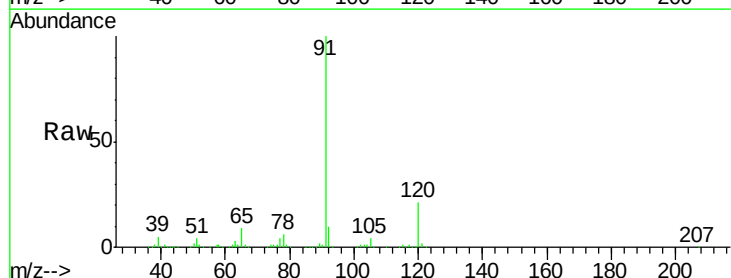
RT: 12.67 min Scan# 1794

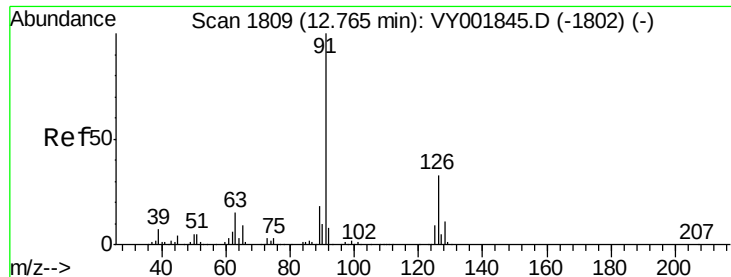
Delta R.T. -0.01 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.0	33.0





#79

2-Chlorotoluene

Concen: 19.996 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion: 91 Resp: 144856

Ion Ratio Lower Upper

91 100

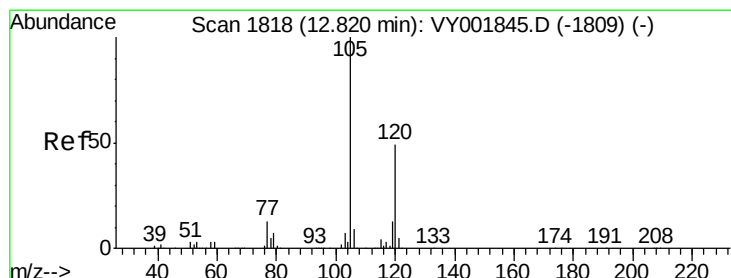
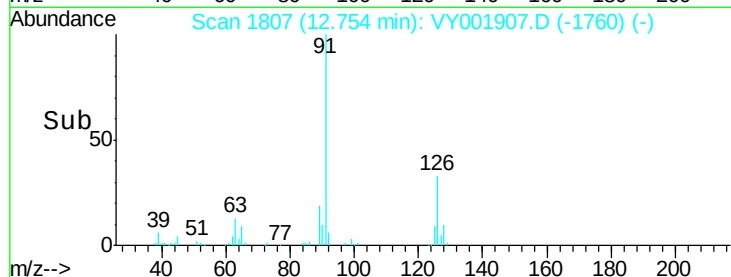
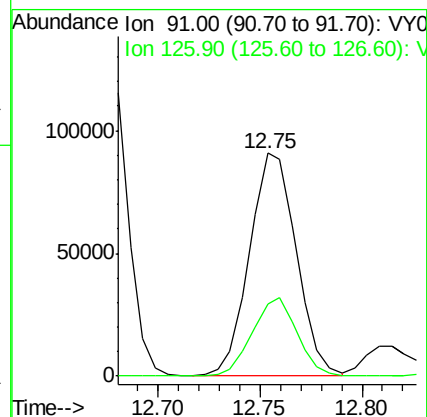
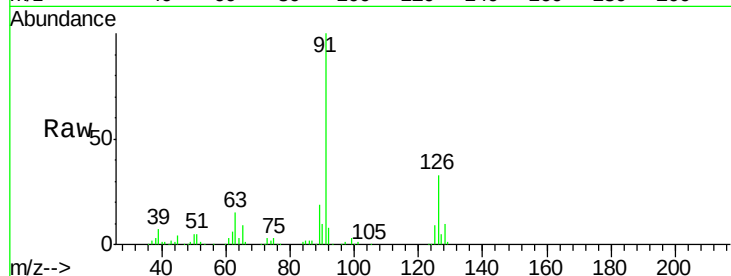
126 33.9 16.3 48.8

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#80

1,3,5-Trimethylbenzene

Concen: 20.366 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001907.D

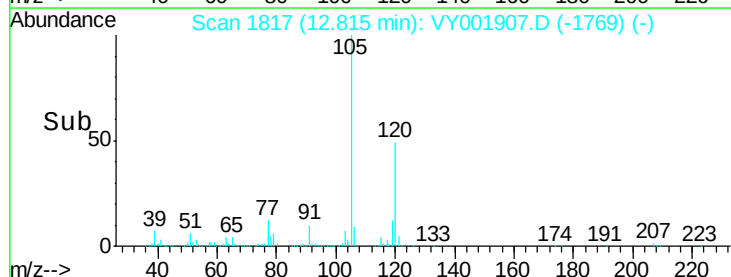
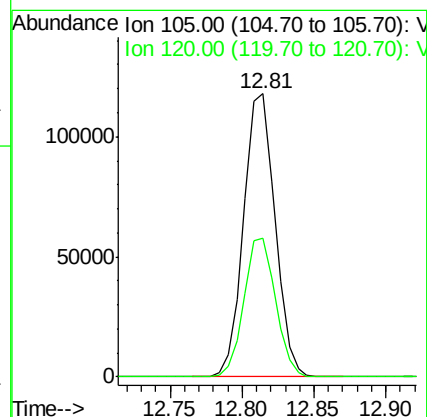
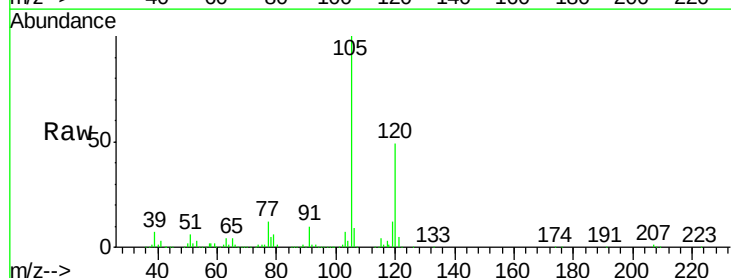
Acq: 09 Mar 2020 13:23

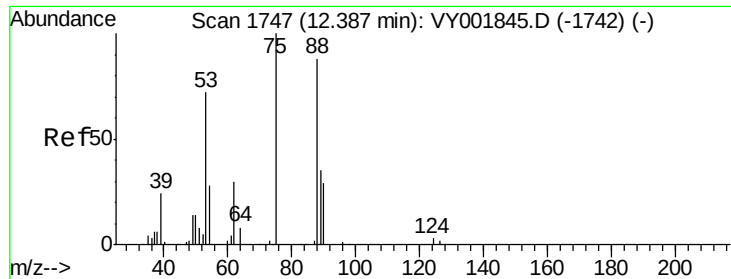
Tgt Ion: 105 Resp: 178192

Ion Ratio Lower Upper

105 100

120 49.1 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.303 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

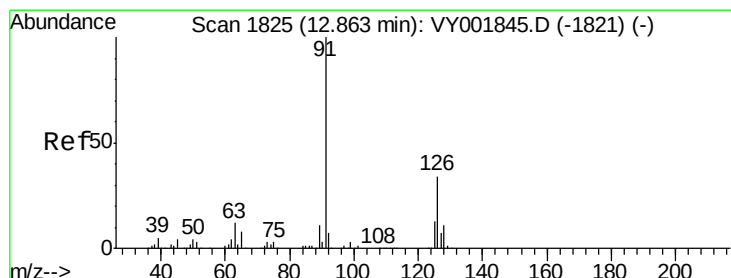
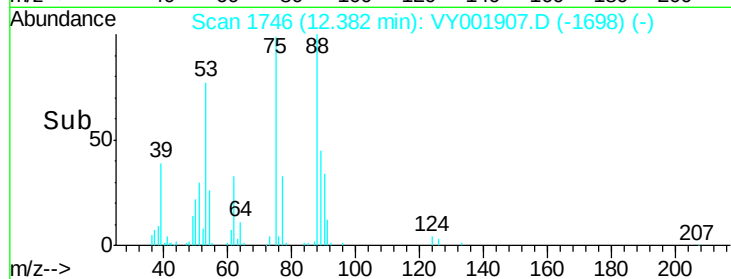
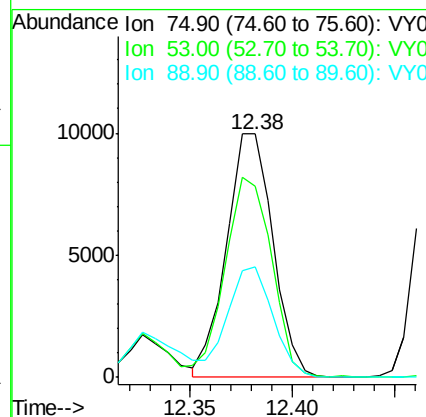
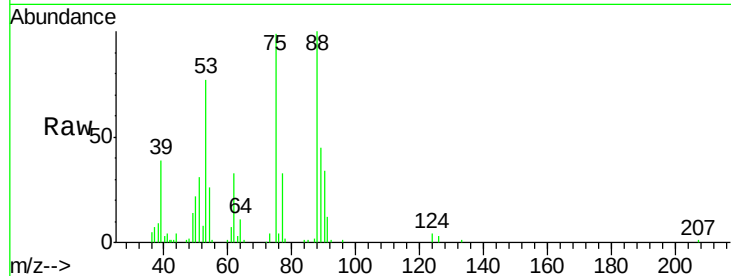
ClientSampleId :

VY0309SBS01

Tot Ion:	75	Resp:	15787
Ion	Ratio	Lower	Upper
75	100		
53	82.7	65.4	98.0
89	43.8	36.0	54.0

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#82

4-Chlorotoluene

Concen: 20.409 ug/l

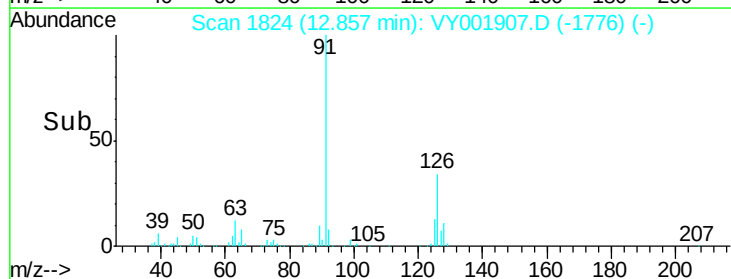
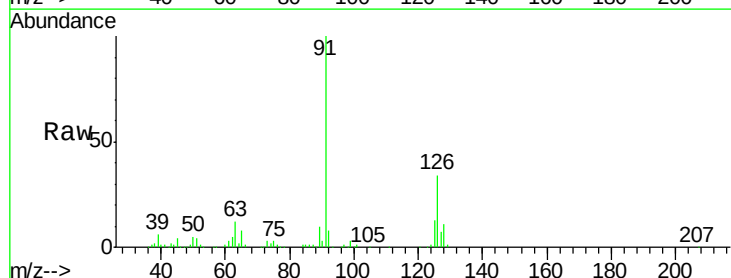
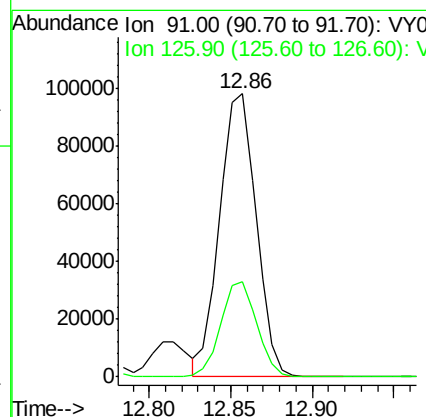
RT: 12.86 min Scan# 1824

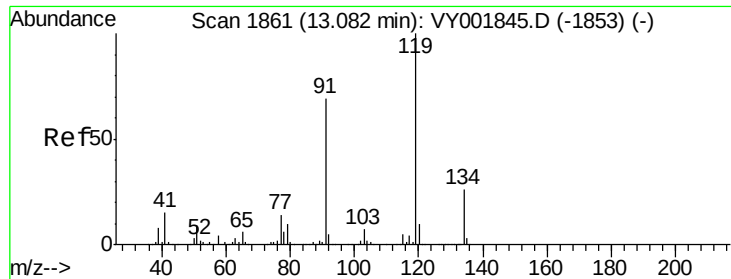
Delta R.T. -0.01 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Tgt Ion:	91	Resp:	153937
Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.2





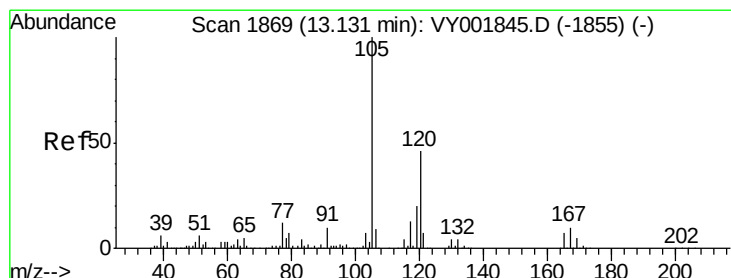
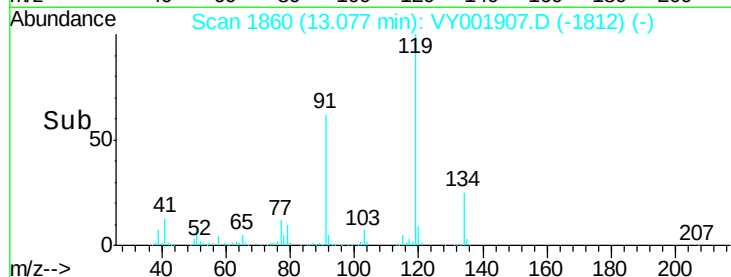
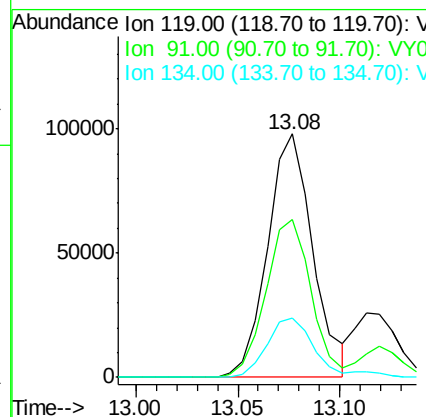
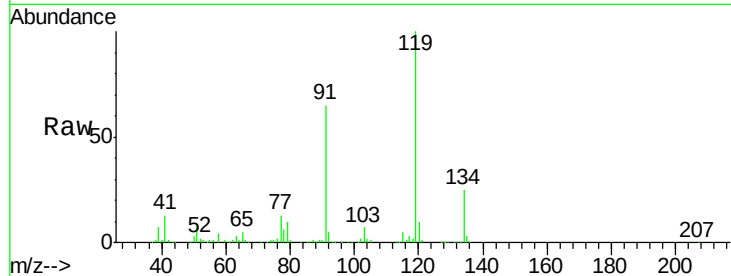
#83
 tert-Butylbenzene
 Concen: 20.851 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	151531		
91	64.8	34.0	101.8	
134	26.4	13.5	40.4	

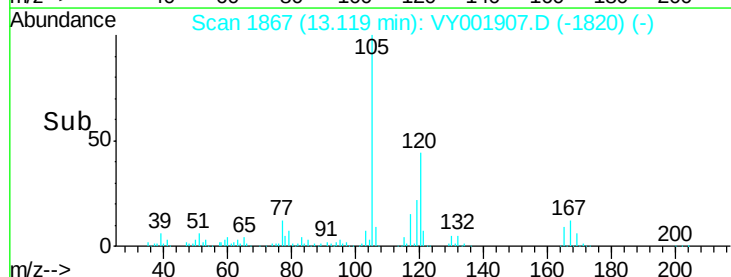
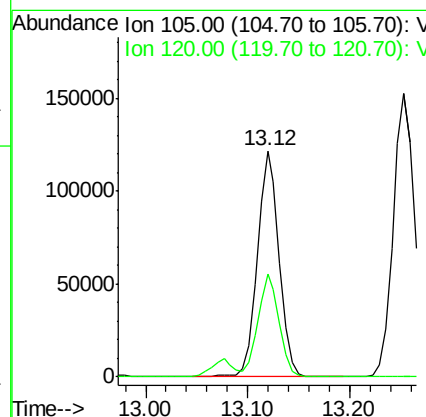
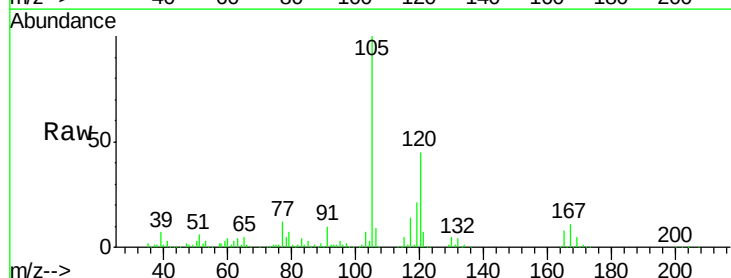
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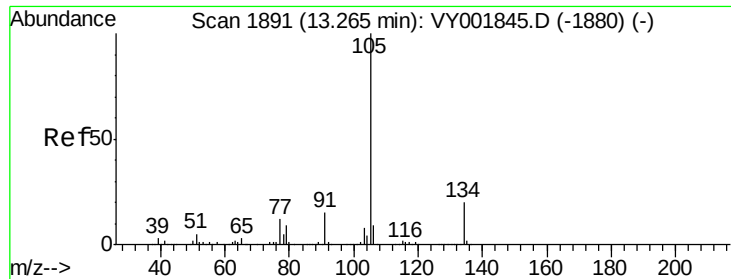
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.781 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	180442		
120	44.2	22.6	67.7	





#85

sec-Butylbenzene

Concen: 20.835 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion:105 Resp: 223173

Ion Ratio Lower Upper

105 100

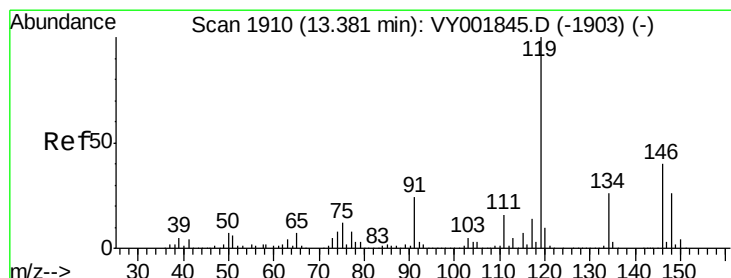
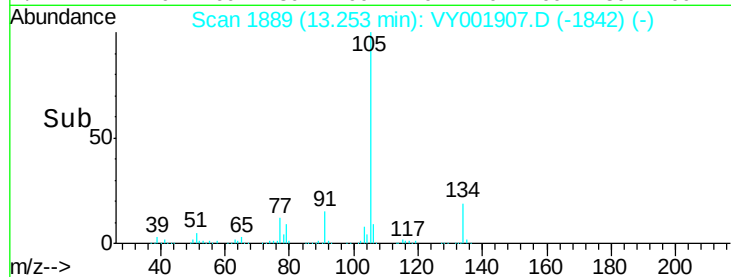
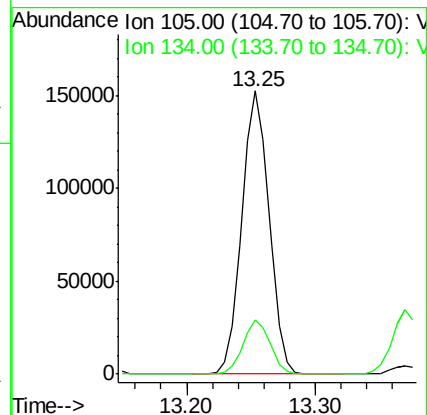
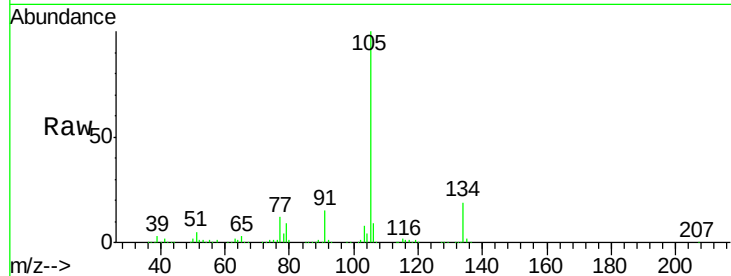
134 19.0 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 20.879 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

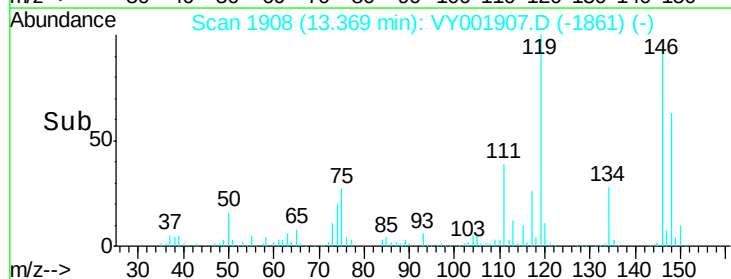
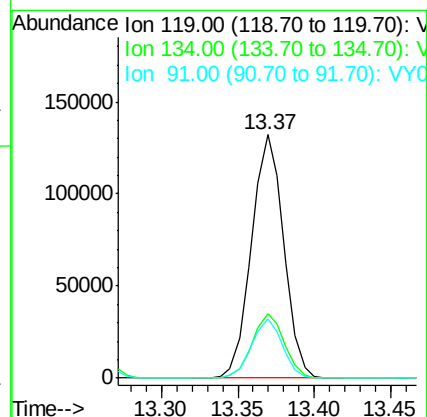
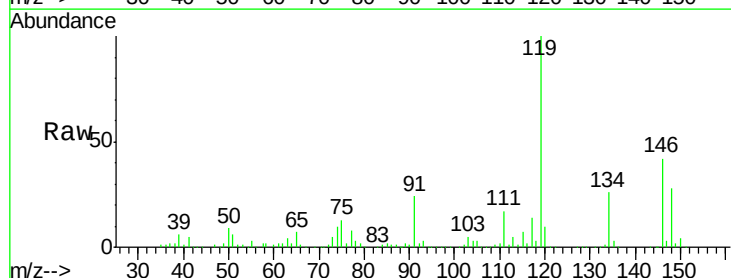
Tgt Ion:119 Resp: 192924

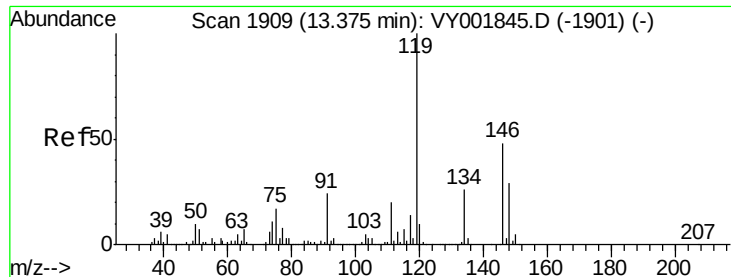
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.6 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 20.331 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Instrument :

MSVOA_Y

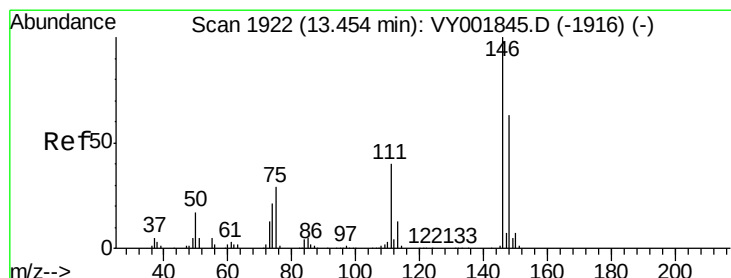
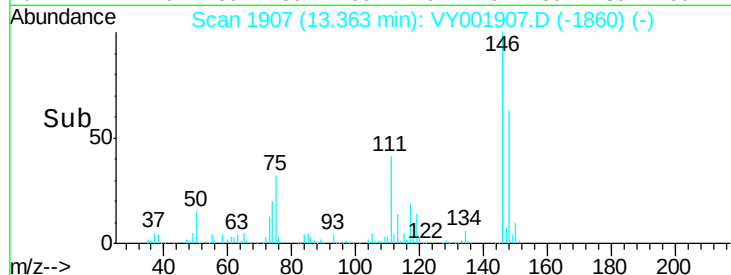
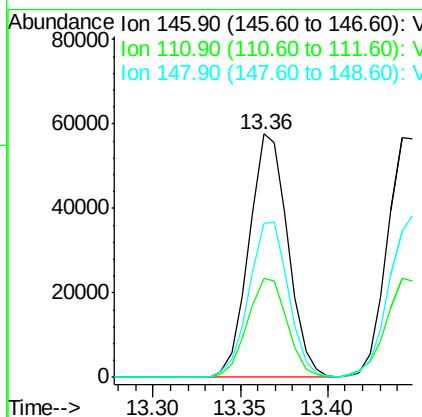
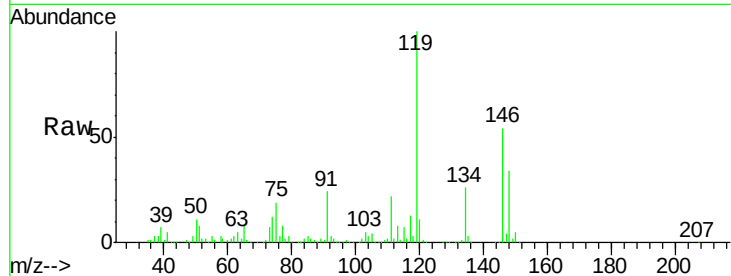
ClientSampleId :

VY0309SBS01

Tot Ion:	146	Resp:	89713
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.8	62.5
148	64.7	31.4	94.0

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#88

1,4-Dichlorobenzene

Concen: 20.037 ug/l

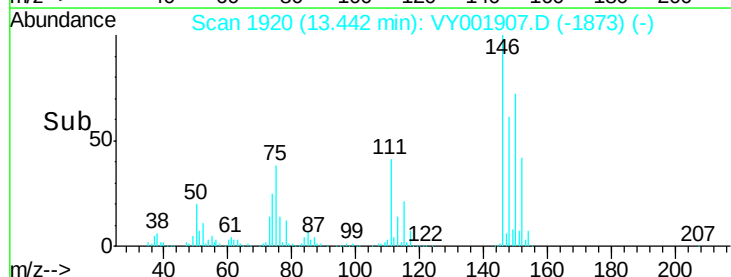
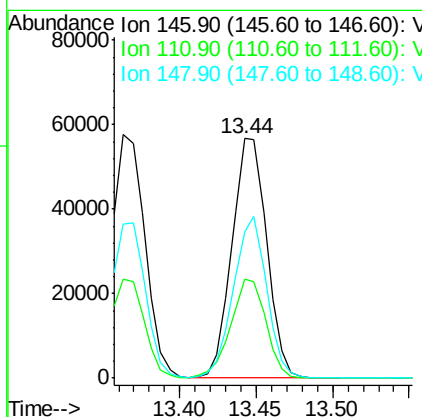
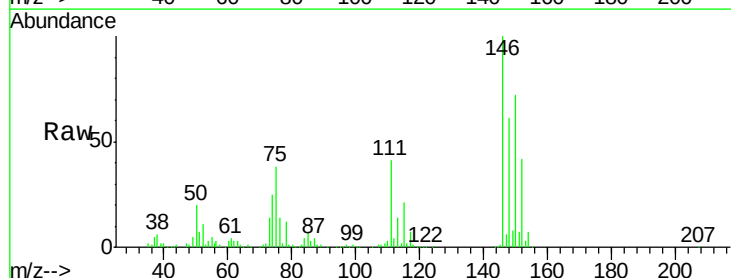
RT: 13.44 min Scan# 1920

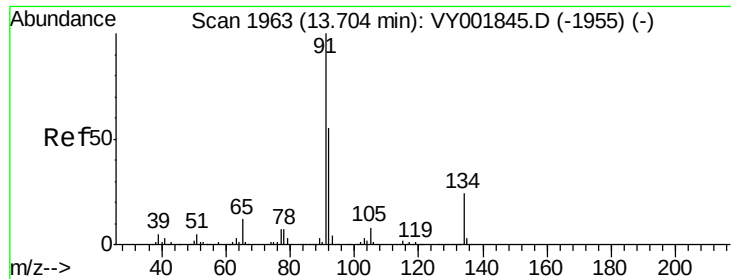
Delta R.T. -0.01 min

Lab File: VY001907.D

Acq: 09 Mar 2020 13:23

Tgt Ion:	146	Resp:	89695
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.0	60.0
148	64.1	31.5	94.5





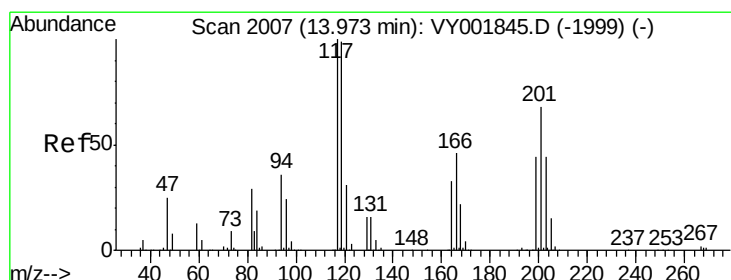
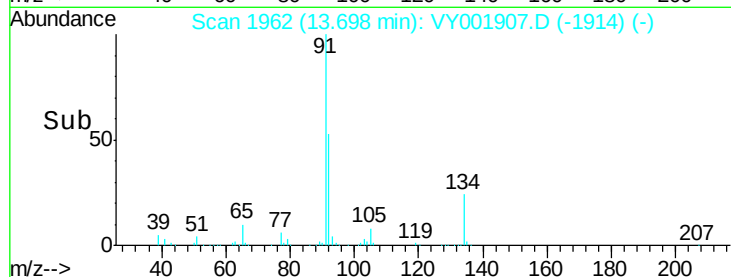
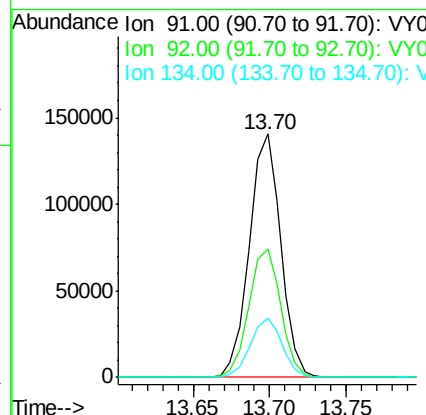
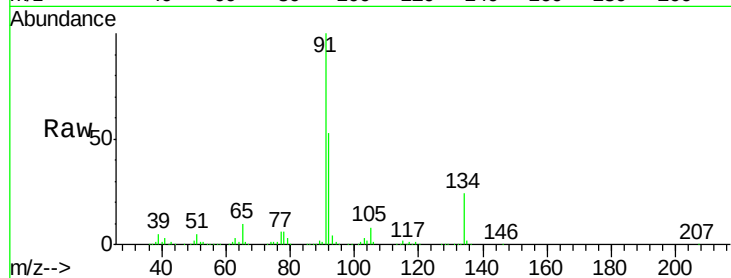
#89
n-Butylbenzene
Concen: 20.900 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.5	82.4
134	24.5	12.5	37.5

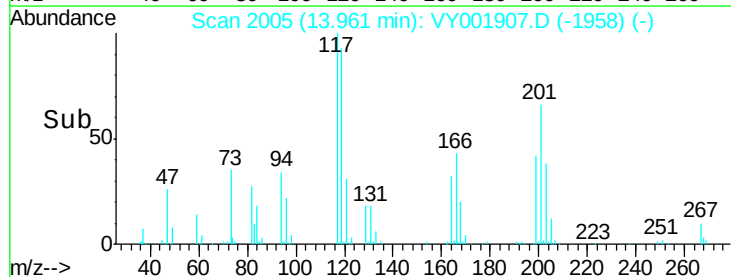
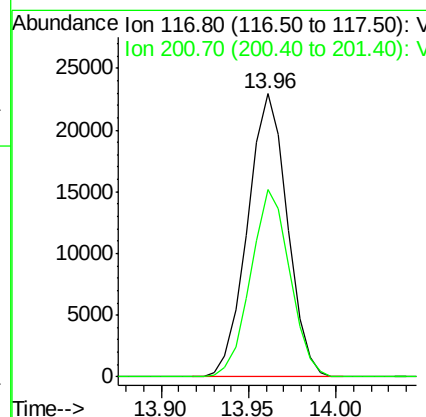
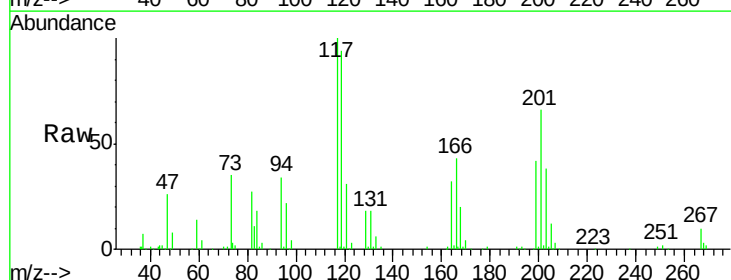
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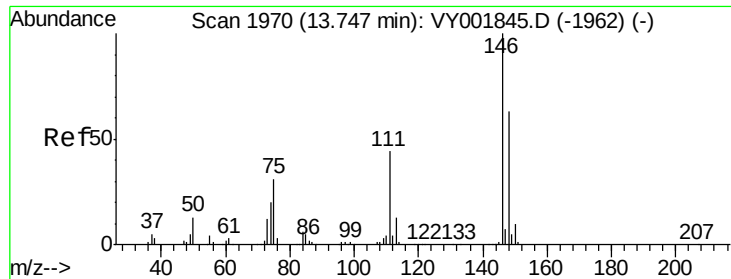
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#90
Hexachloroethane
Concen: 20.804 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.2	32.5	97.5





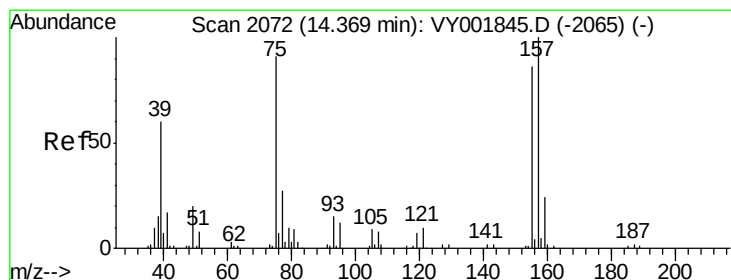
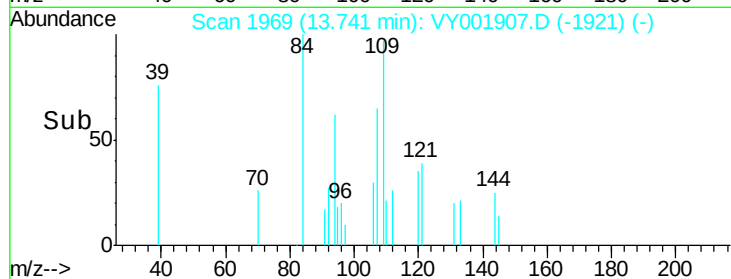
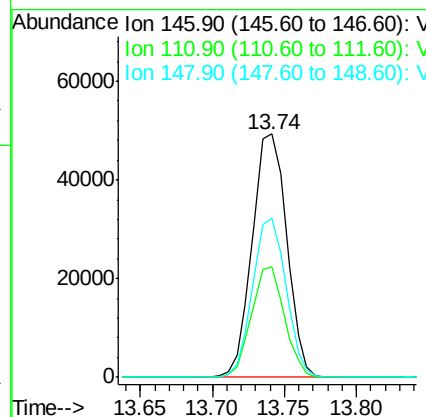
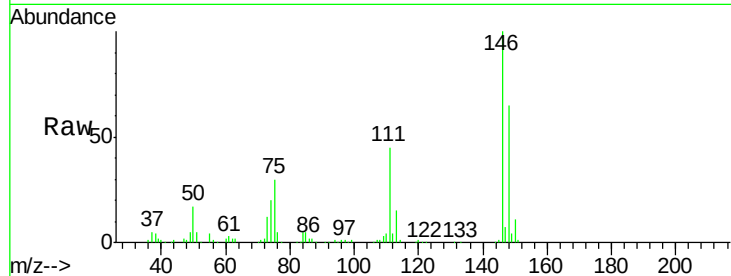
#91
 1,2-Dichlorobenzene
 Concen: 20.408 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.5	64.5
148	63.3	32.0	96.0

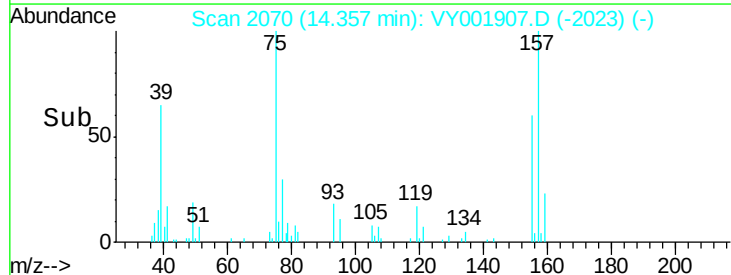
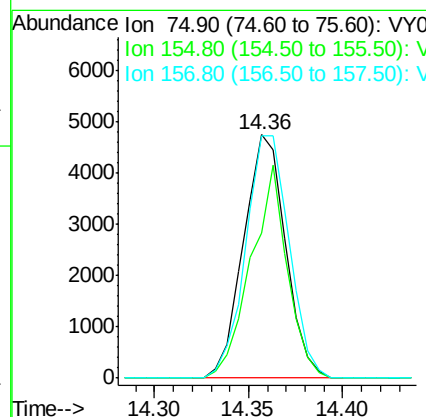
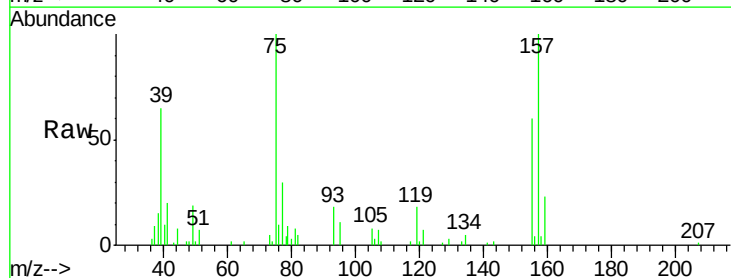
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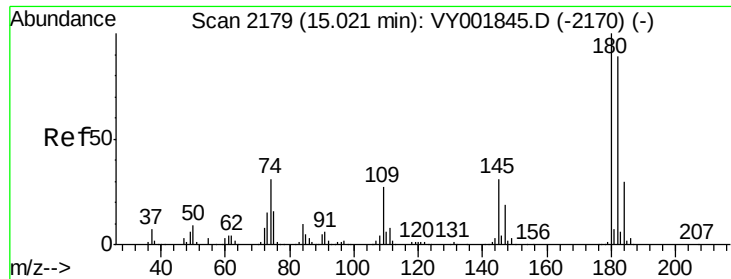
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.498 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY001907.D
 Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.7	42.9	128.7
157	103.2	53.1	159.4





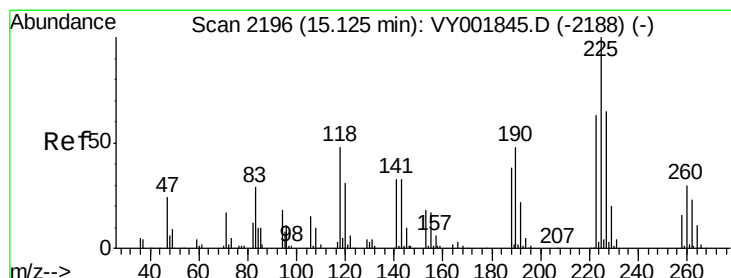
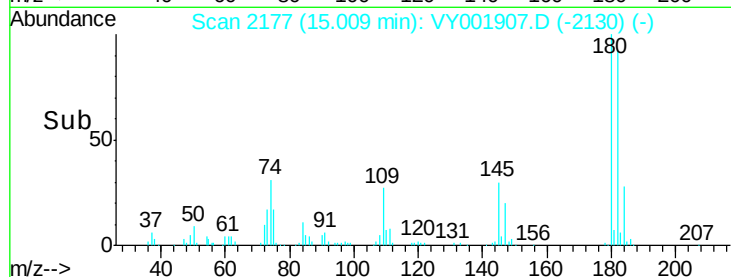
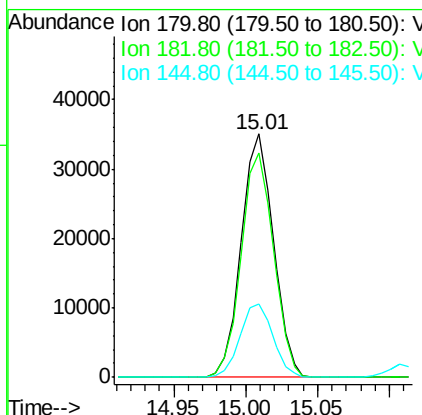
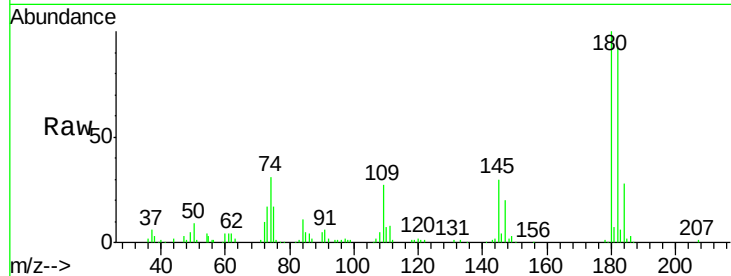
#93
1,2,4-Trichlorobenzene
Concen: 20.965 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	46.1	138.3
145	30.9	15.6	46.8

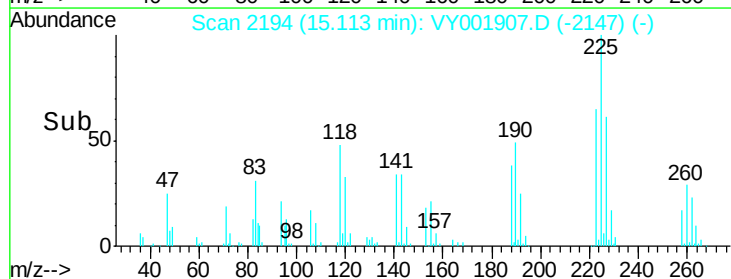
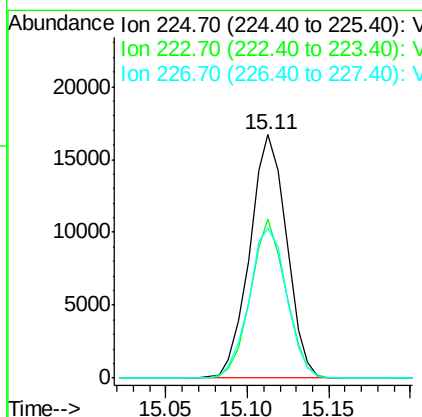
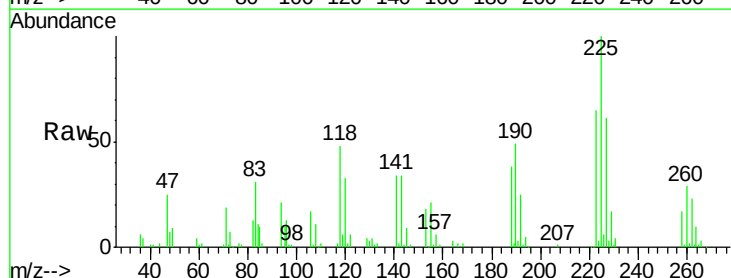
Manual Integrations
APPROVED

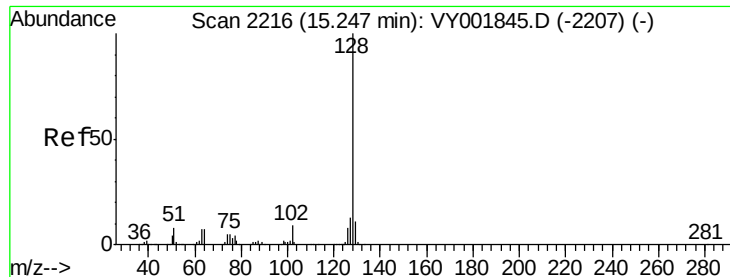
MMDadoda
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#94
Hexachlorobutadiene
Concen: 20.738 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.5	94.5
227	63.0	31.9	95.5





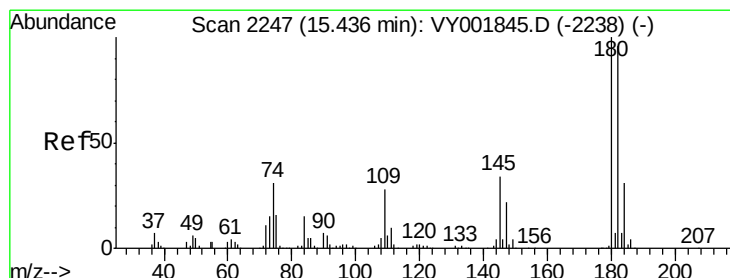
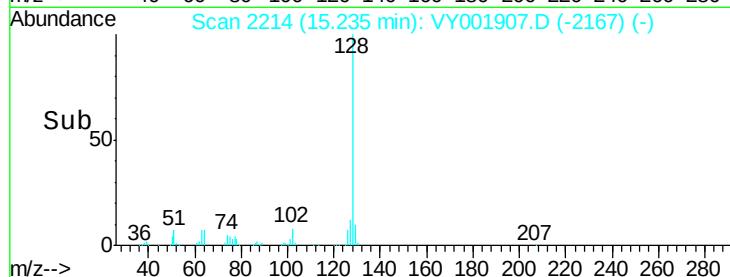
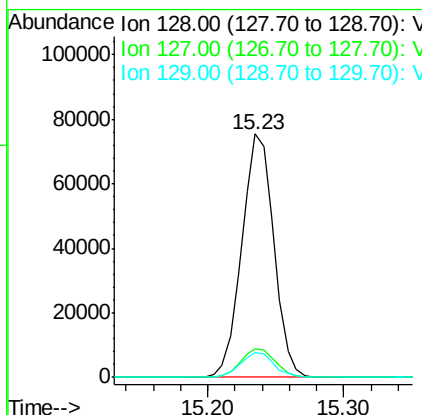
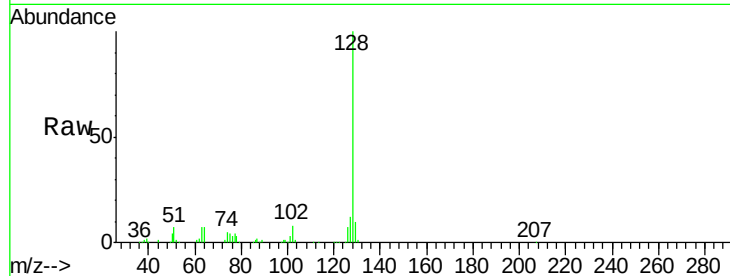
#95
Naphthalene
Concen: 20.136 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.5	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/10/2020 2:56:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.727 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY001907.D
Acq: 09 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.6	142.9
145	34.4	16.8	50.3

