

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020520\
 Data File : VY001502.D
 Acq On : 05 Feb 2020 13:07
 Operator : SY/MD
 Sample : VY0205SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/6/2020 12:46:56 PM

Quant Time: Feb 05 16:39:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	234147	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	411884	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	364803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	168765	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.18	65	127280	53.99	ug/l	0.01
Spiked Amount	50.000		Recovery	=	107.98%	
35) Dibromofluoromethane	7.75	113	121331	51.08	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.20	98	487677	54.27	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.54%	
62) 4-Bromofluorobenzene	12.49	95	179366	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	43367	18.921	ug/l	96
3) Chloromethane	2.13	50	52119	21.757	ug/l	96
4) Vinyl Chloride	2.27	62	52979	21.299	ug/l	98
5) Bromomethane	2.66	94	32976	21.080	ug/l	96
6) Chloroethane	2.82	64	31576	21.060	ug/l	99
7) Trichlorofluoromethane	3.15	101	81279	19.741	ug/l	98
8) Diethyl Ether	3.56	74	29189	21.009	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.94	101	49858	20.126	ug/l	99
10) Methyl Iodide	4.12	142	59058	18.710	ug/l	99
11) Tert butyl alcohol	4.99	59	34317	110.588	ug/l #	85
12) 1,1-Dichloroethene	3.91	96	50569	20.542	ug/l	95
13) Acrolein	3.76	56	24034	107.665	ug/l	99
14) Allyl chloride	4.52	41	82094	21.799	ug/l	97
15) Acrylonitrile	5.21	53	67710	106.304	ug/l	99
16) Acetone	3.98	43	65426	95.941	ug/l	95
17) Carbon Disulfide	4.23	76	163667	20.884	ug/l	100
18) Methyl Acetate	4.52	43	32049	22.023	ug/l	98
19) Methyl tert-butyl Ether	5.26	73	135086	20.634	ug/l	99
20) Methylene Chloride	4.76	84	60905	19.971	ug/l	93
21) trans-1,2-Dichloroethene	5.26	96	56378	20.601	ug/l	98
22) Diisopropyl ether	6.16	45	163844	21.960	ug/l	94
23) Vinyl Acetate	6.10	43	498280	104.909	ug/l	97
24) 1,1-Dichloroethane	6.07	63	95128	21.197	ug/l	97
25) 2-Butanone	7.02	43	89878	101.590	ug/l	94
26) 2,2-Dichloropropane	7.02	77	87769	20.435	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	61855	20.694	ug/l	98
28) Bromochloromethane	7.37	49	31633	20.691	ug/l	94
29) Tetrahydrofuran	7.38	42	57497	108.430	ug/l	97
30) Chloroform	7.54	83	92151	20.272	ug/l	100
31) Cyclohexane	7.82	56	97949	21.337	ug/l	98
32) 1,1,1-Trichloroethane	7.74	97	82356	19.982	ug/l	99
36) 1,1-Dichloropropene	7.95	75	79442	21.084	ug/l	98
37) Ethyl Acetate	7.11	43	38609	21.167	ug/l	99
38) Carbon Tetrachloride	7.93	117	71576	19.634	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	102935	20.747	ug/l	97
40) Benzene	8.19	78	220208	20.489	ug/l	99
41) Methacrylonitrile	7.38	41	27492m	32.520	ug/l	
42) 1,2-Dichloroethane	8.27	62	59646	19.920	ug/l	100
43) Isopropyl Acetate	8.30	43	75351	20.864	ug/l	99
44) Trichloroethene	8.96	130	57775	19.943	ug/l	98
45) 1,2-Dichloropropane	9.24	63	54927	21.165	ug/l	99
46) Dibromomethane	9.33	93	29676	20.364	ug/l	96
47) Bromodichloromethane	9.52	83	72453	20.405	ug/l	95
48) Methyl methacrylate	9.32	41	32616	19.898	ug/l	98
49) 1,4-Dioxane	9.32	88	7130	370.471	ug/l	95
51) 4-Methyl-2-Pentanone	10.09	43	188917	106.218	ug/l	99
52) Toluene	10.26	92	140452	20.596	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	77896	20.142	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	90470	20.376	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	42382	20.270	ug/l	97
56) Ethyl methacrylate	10.52	69	60971	20.502	ug/l	98
57) 1,3-Dichloropropane	10.80	76	74901	20.322	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	106440	97.293	ug/l	97
59) 2-Hexanone	10.85	43	135419	104.718	ug/l	100
60) Dibromochloromethane	11.00	129	47875	19.425	ug/l	99
61) 1,2-Dibromoethane	11.10	107	40923	19.872	ug/l	100
64) Tetrachloroethene	10.74	164	50517	21.115	ug/l	96
65) Chlorobenzene	11.53	112	143444	20.026	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	49975	19.935	ug/l	99
67) Ethyl Benzene	11.61	91	270226	20.404	ug/l	100
68) m/p-Xylenes	11.71	106	200728	40.373	ug/l	99
69) o-Xylene	12.04	106	97053	20.704	ug/l	100
70) Styrene	12.06	104	165825	20.456	ug/l	99
71) Bromoform	12.22	173	27005	19.345	ug/l #	99
73) Isopropylbenzene	12.34	105	259329	20.148	ug/l	100
74) N-amyl acetate	12.16	43	69039	20.641	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	50251	20.549	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	35691m	19.665	ug/l	
77) Bromobenzene	12.62	156	55146	19.797	ug/l	95
78) n-propylbenzene	12.68	91	317130	20.581	ug/l	99
79) 2-Chlorotoluene	12.77	91	177323	20.188	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	218327	20.141	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	18995	20.251	ug/l	98
82) 4-Chlorotoluene	12.87	91	187283	20.337	ug/l	100
83) tert-Butylbenzene	13.09	119	185386	20.233	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	216679	20.196	ug/l	99
85) sec-Butylbenzene	13.27	105	265142	20.582	ug/l	100
86) p-Isopropyltoluene	13.38	119	231279	20.373	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	107966	20.225	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	107052	20.017	ug/l	98
89) n-Butylbenzene	13.70	91	232464	20.754	ug/l	99
90) Hexachloroethane	13.97	117	43858	20.128	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	97115	20.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	8810	19.515	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	63309	19.420	ug/l	99
94) Hexachlorobutadiene	15.12	225	32789	19.817	ug/l	98
95) Naphthalene	15.25	128	141374	18.452	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	54961	19.099	ug/l	99

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

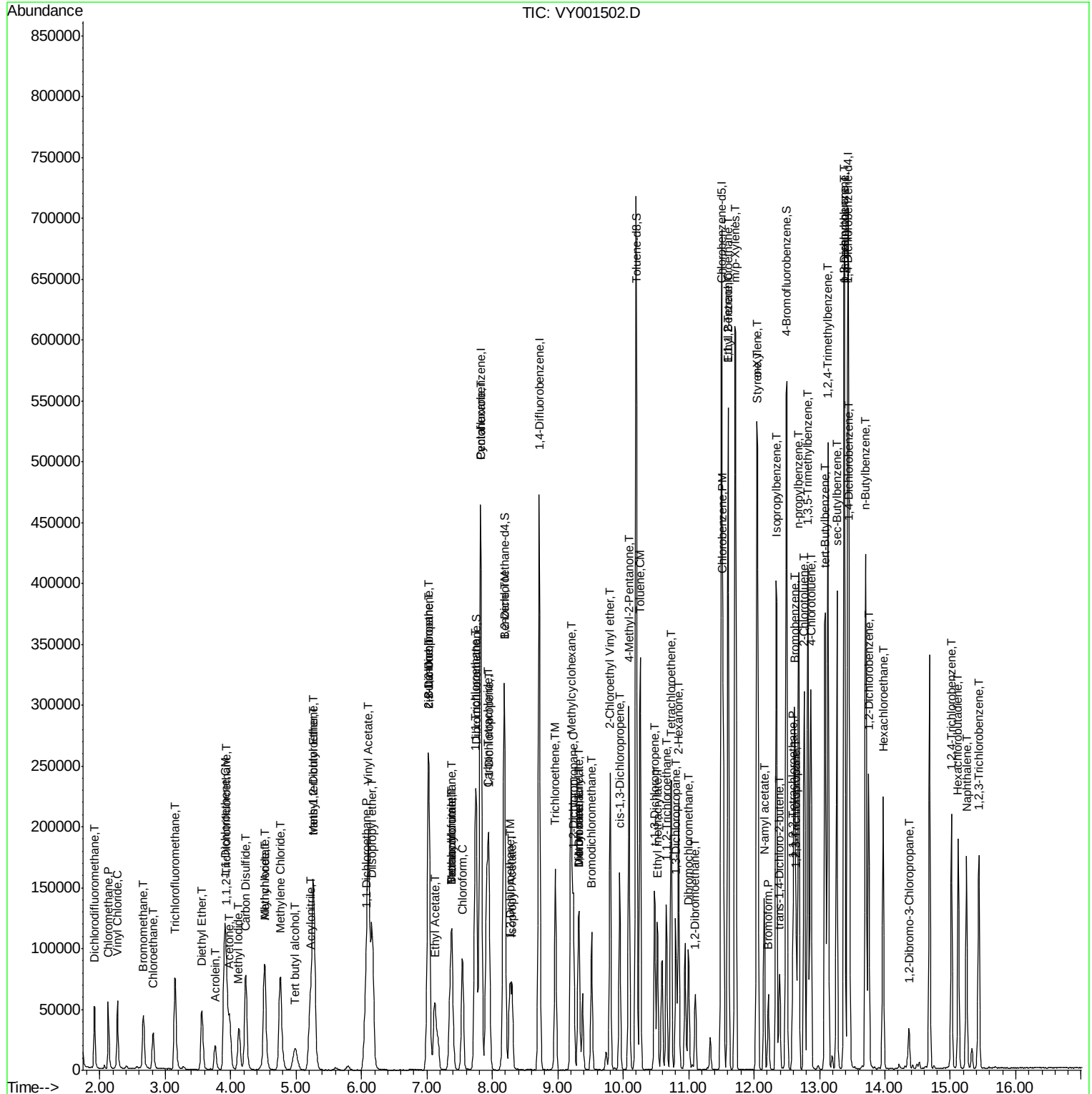
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020520\
Data File : VY001502.D
Acq On : 05 Feb 2020 13:07
Operator : SY/MD
Sample : VY0205SBSD01
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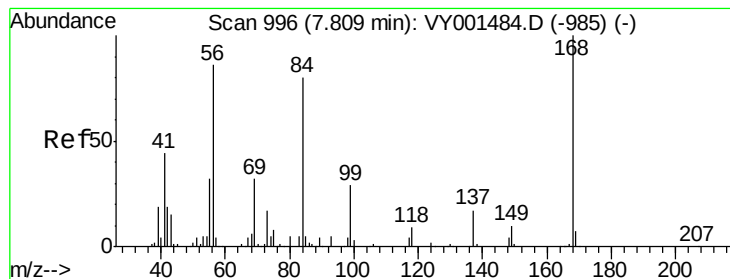
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

Tot Ion:168 Resp: 234147

Ion Ratio Lower Upper

168 100

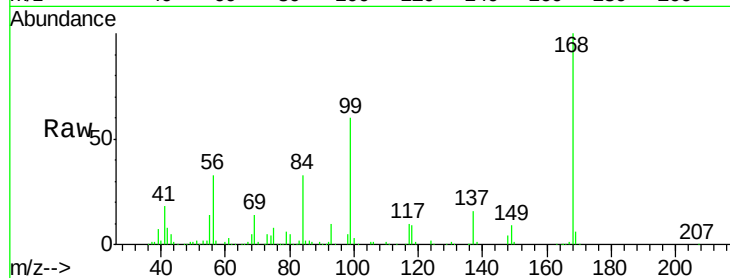
99 59.6 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

120000

100000

80000

60000

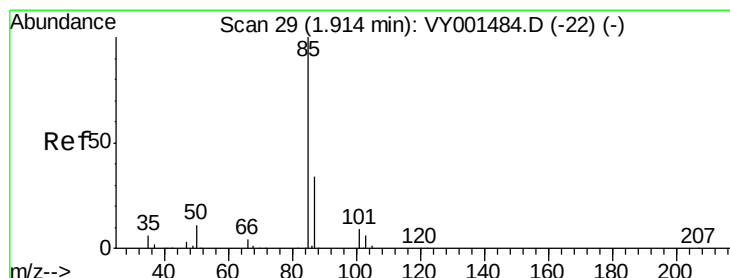
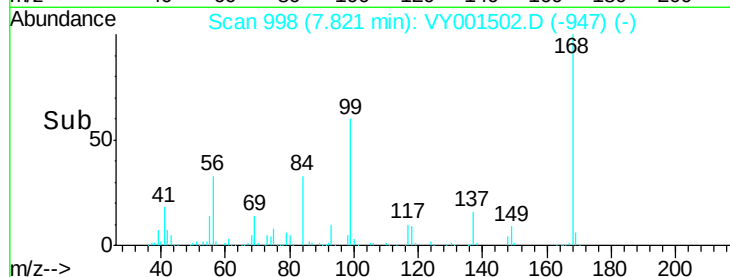
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.921 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001502.D

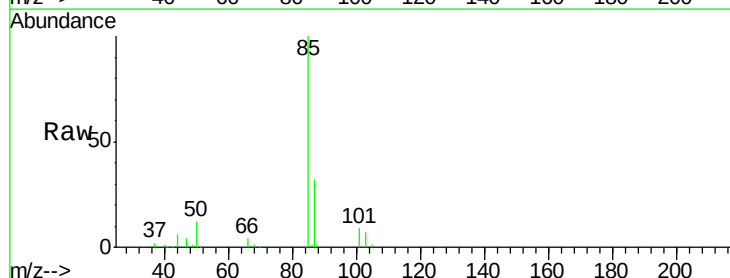
Acq: 05 Feb 2020 13:07

Tgt Ion: 85 Resp: 43367

Ion Ratio Lower Upper

85 100

87 31.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.92

30000

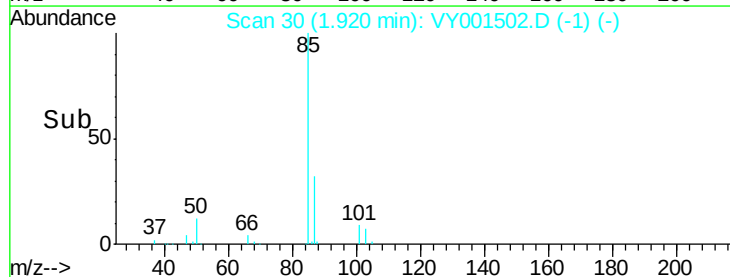
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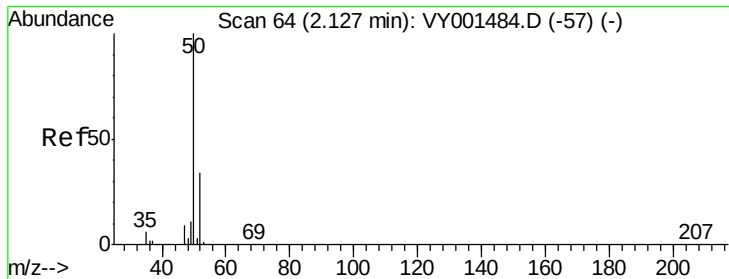
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0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.757 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

Tot Ion: 50 Resp: 52119

Ion Ratio Lower Upper

50 100

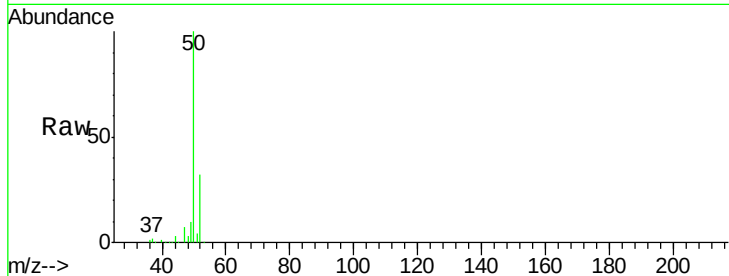
52 31.7 27.3 40.9

Manual Integrations

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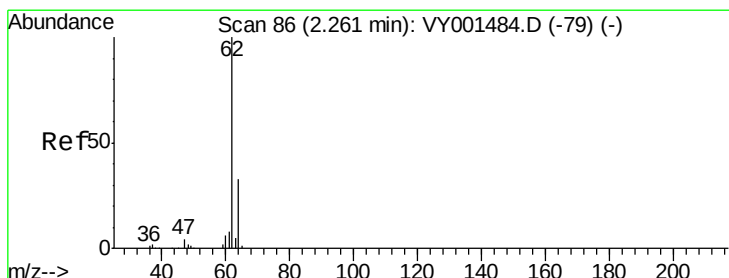
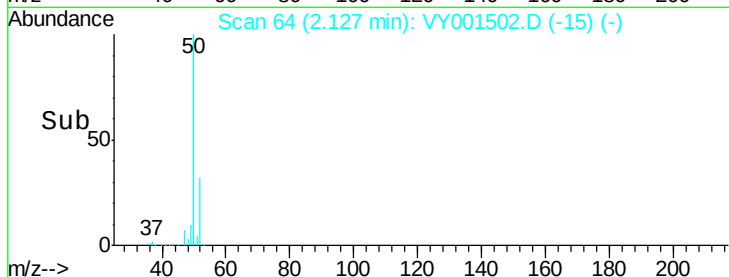
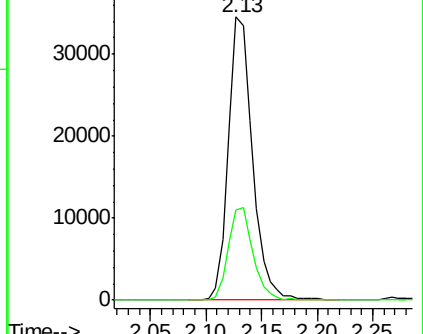
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.299 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY001502.D

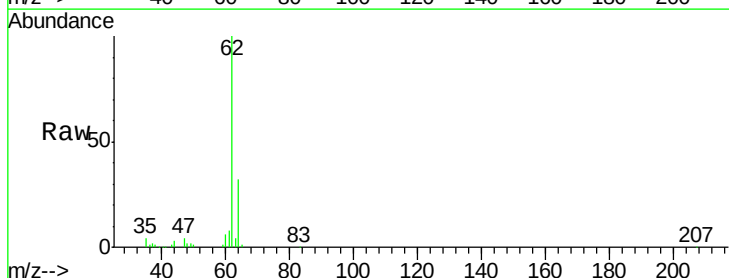
Acq: 05 Feb 2020 13:07

Tgt Ion: 62 Resp: 52979

Ion Ratio Lower Upper

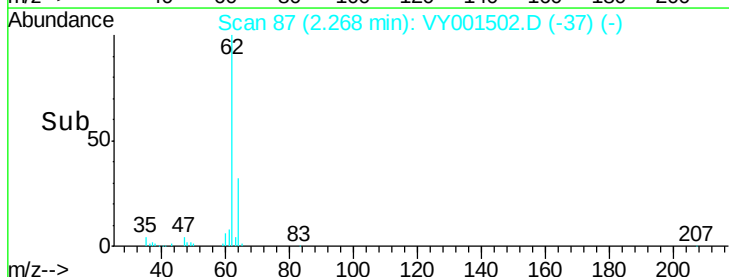
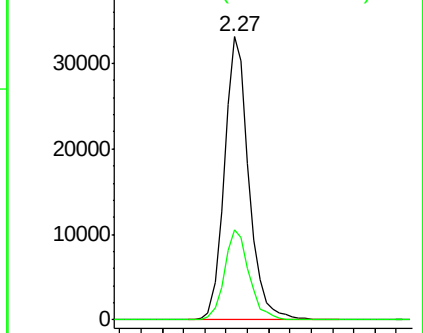
62 100

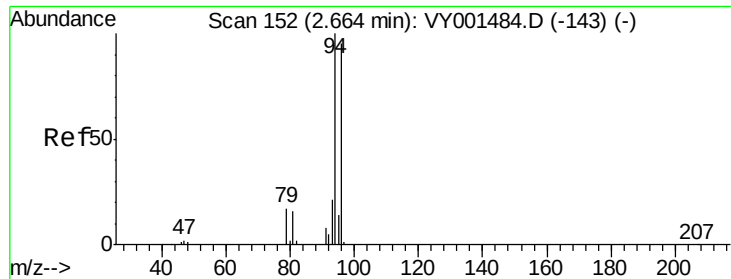
64 31.9 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.080 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

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VY0205SBS01

Tot Ion: 94 Resp: 32976

Ion Ratio Lower Upper

94 100

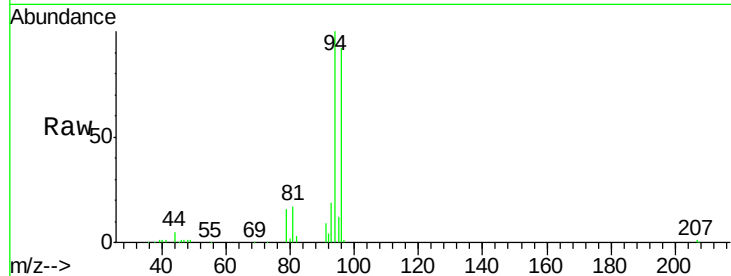
96 91.6 76.2 114.2

Manual Integrations

APPROVED

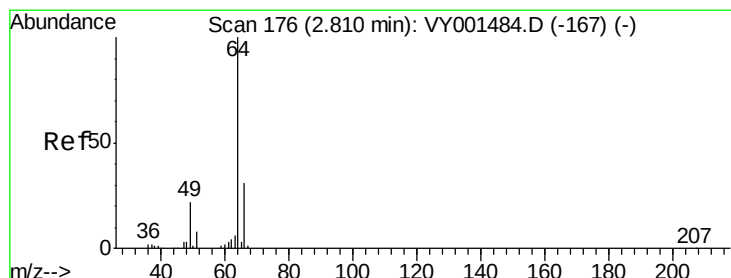
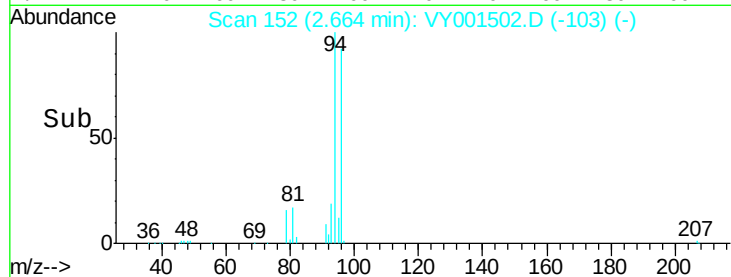
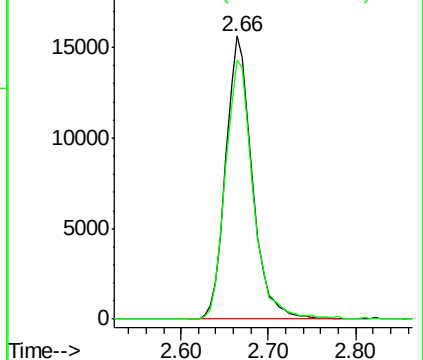
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.060 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001502.D

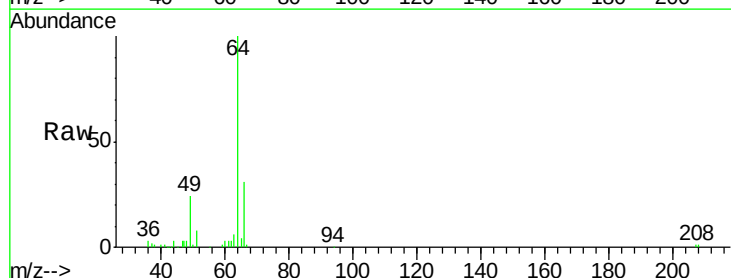
Acq: 05 Feb 2020 13:07

Tgt Ion: 64 Resp: 31576

Ion Ratio Lower Upper

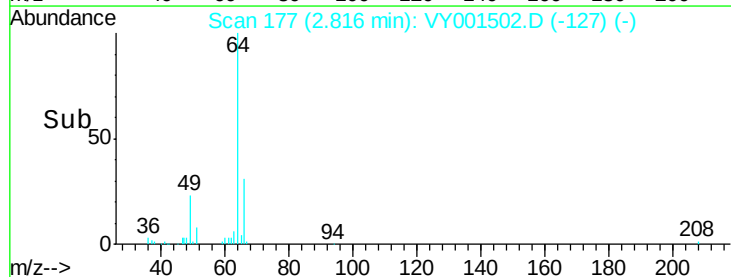
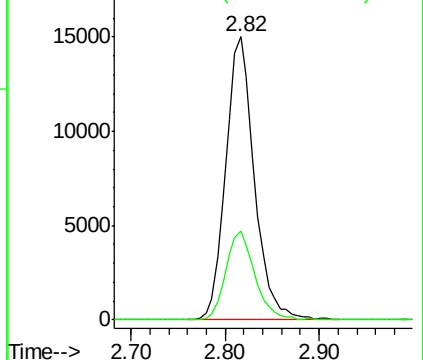
64 100

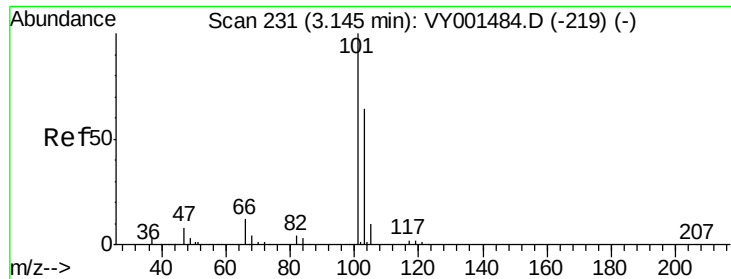
66 31.4 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

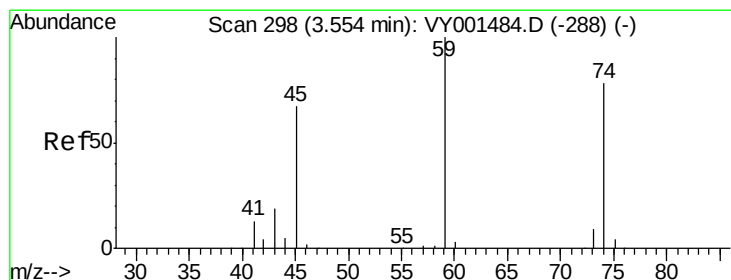
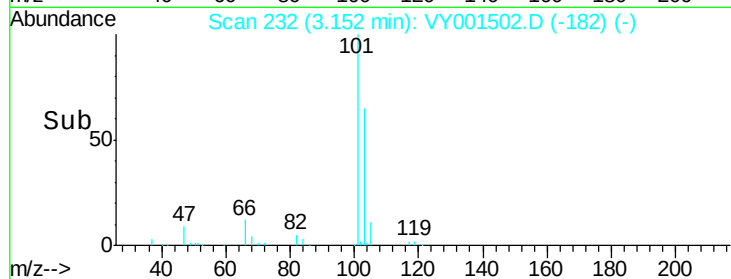
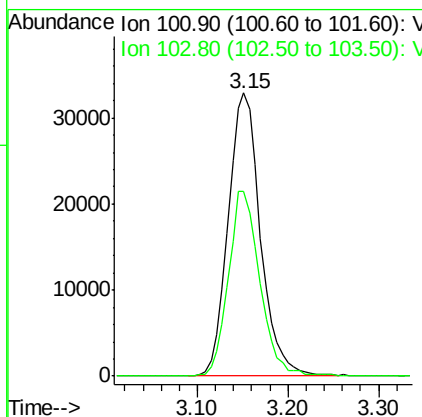
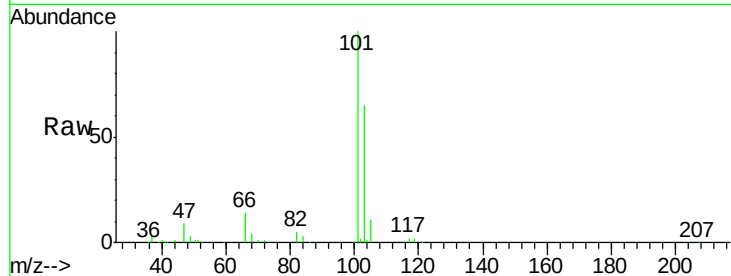
Trichlorofluoromethane
 Concen: 19.741 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Instrument :
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 VY0205SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	50.9	76.3

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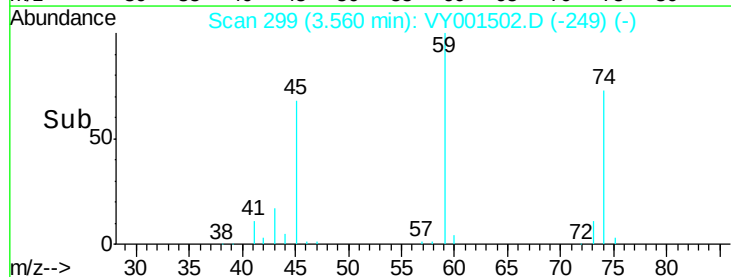
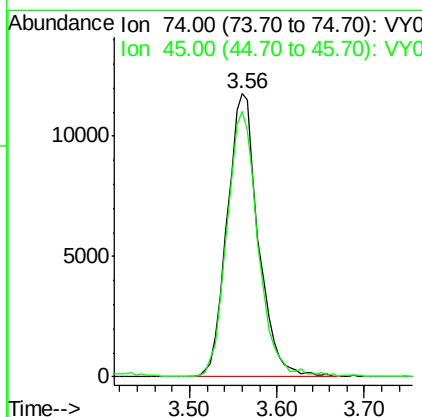
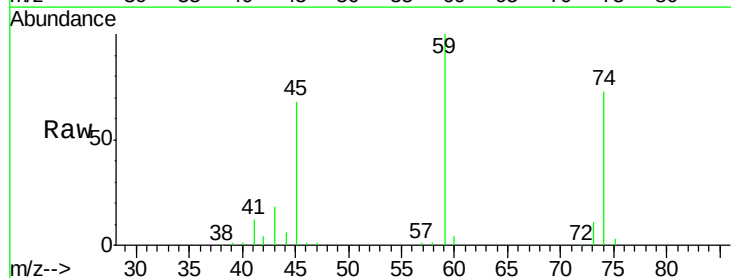
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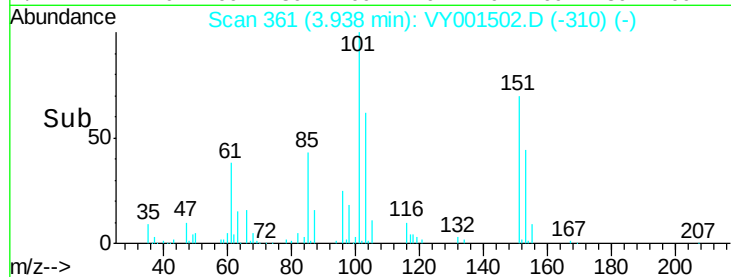
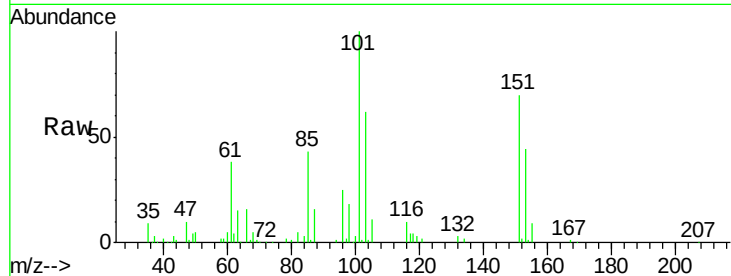
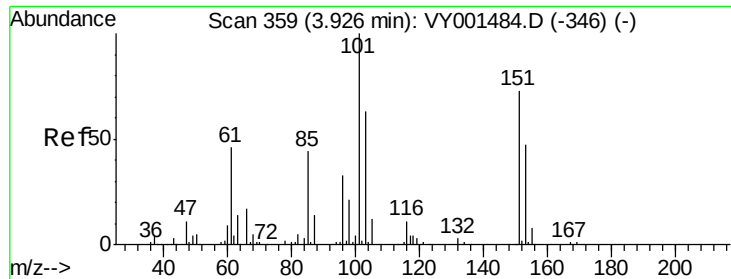


#8

Diethyl Ether
 Concen: 21.009 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.126 ug/l

RT: 3.94 min Scan# 361

Delta R.T. 0.01 min

Lab File: VY001502.D

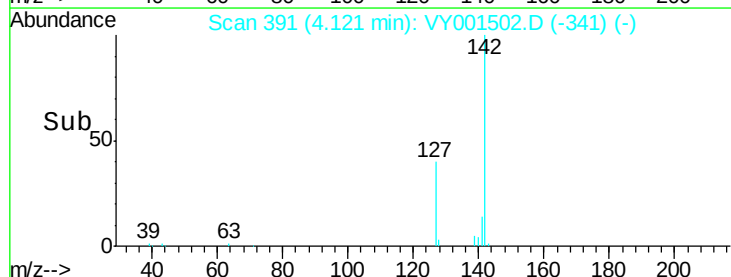
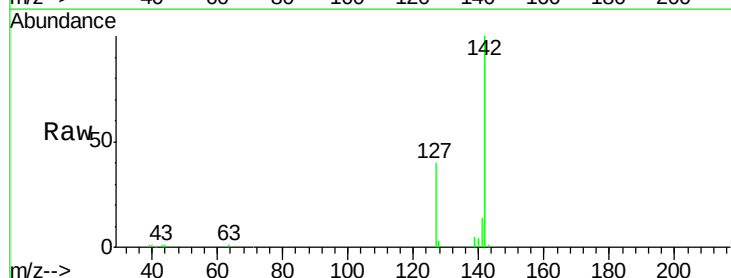
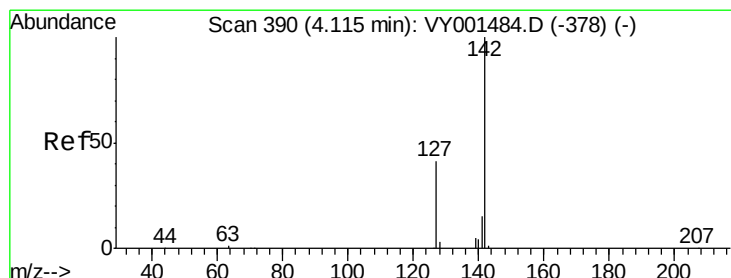
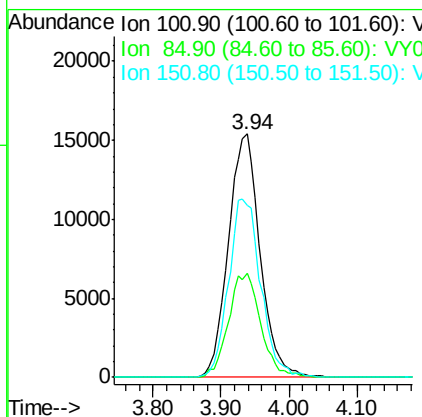
Acq: 05 Feb 2020 13:07

Tot Ion:	101	Resp:	49858
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.6	51.8
151	74.1	60.3	90.5

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Manual Integrations
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MMDadoda
2/6/2020 12:46:56 PM



#10

Methyl Iodide

Concen: 18.710 ug/l

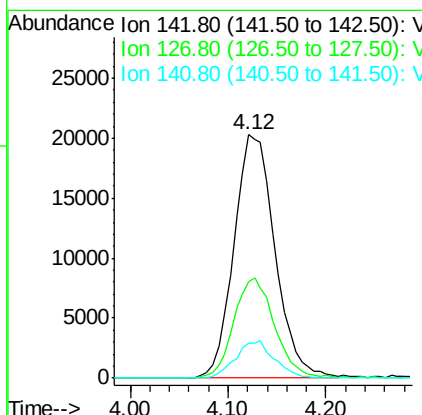
RT: 4.12 min Scan# 391

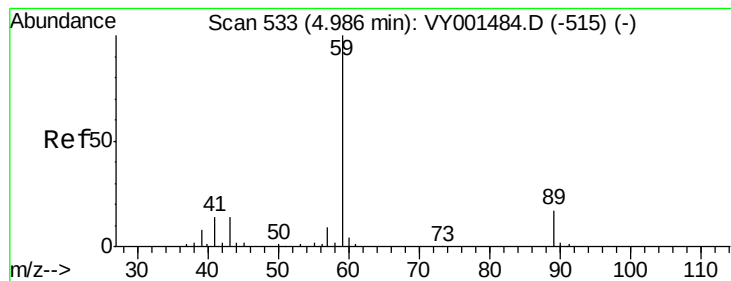
Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Tgt Ion:	142	Resp:	59058
Ion Ratio	Lower	Upper	
142	100		
127	40.6	33.3	49.9
141	14.2	11.5	17.3





#11

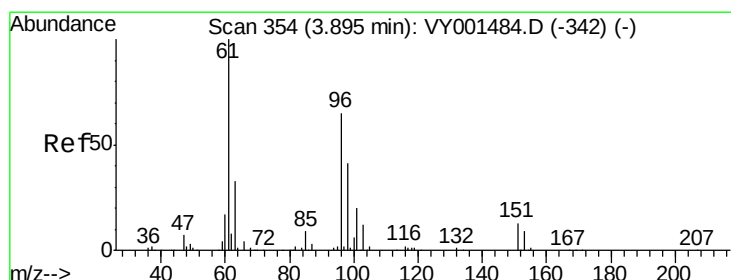
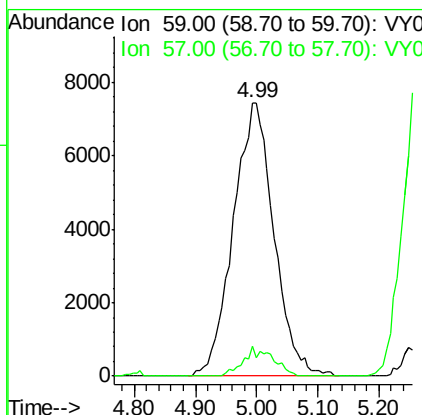
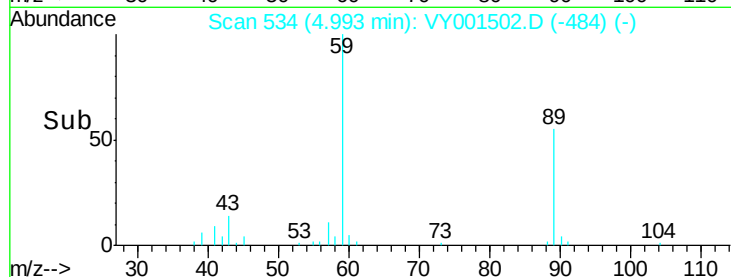
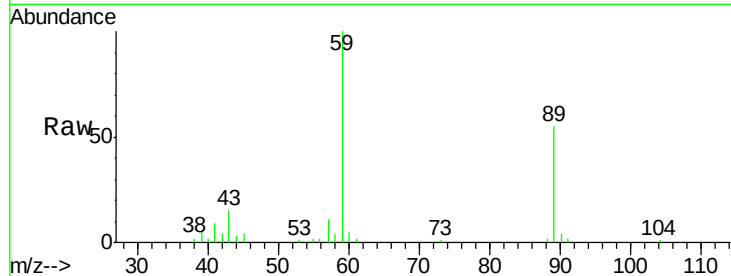
Tert butyl alcohol
Concen: 110.588 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion: 59 Resp: 34317
Ion Ratio Lower Upper
59 100
57 3.5 7.0 10.6#

Manual Integrations
APPROVED

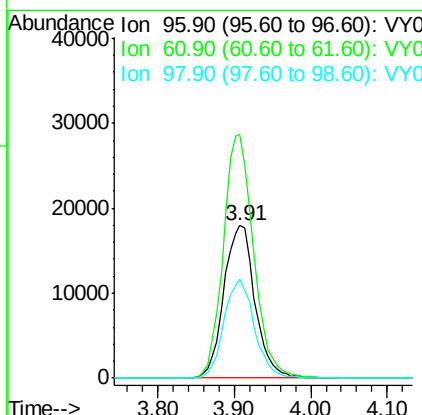
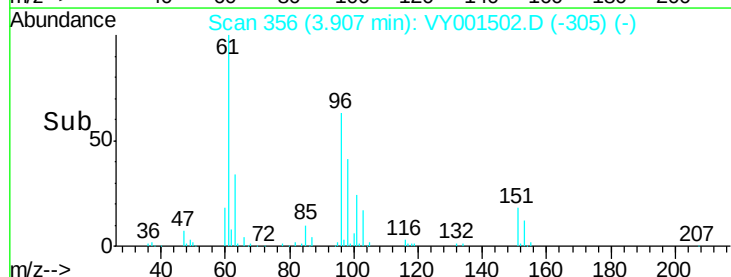
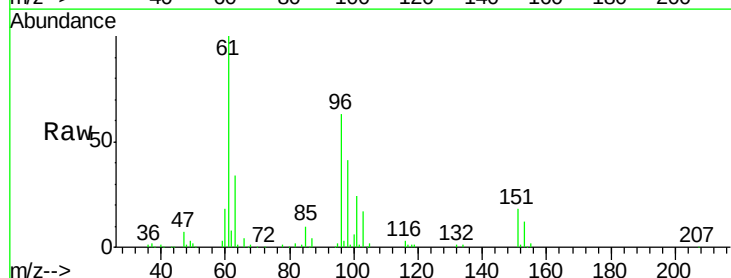
MMDadoda
2/6/2020 12:46:56 PM

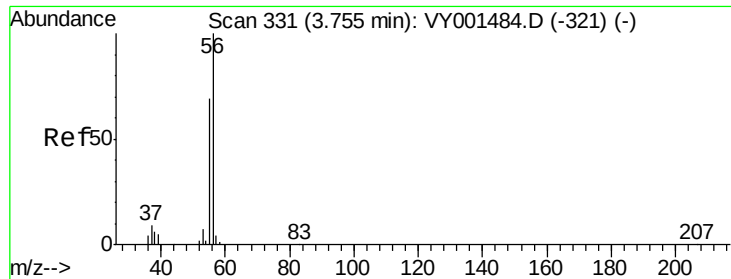


#12

1,1-Dichloroethene
Concen: 20.542 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion: 96 Resp: 50569
Ion Ratio Lower Upper
96 100
61 159.6 122.3 183.5
98 64.9 49.7 74.5





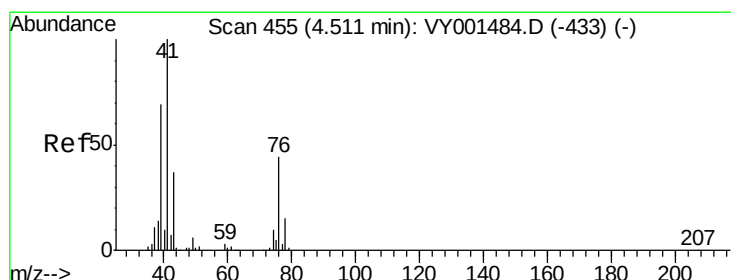
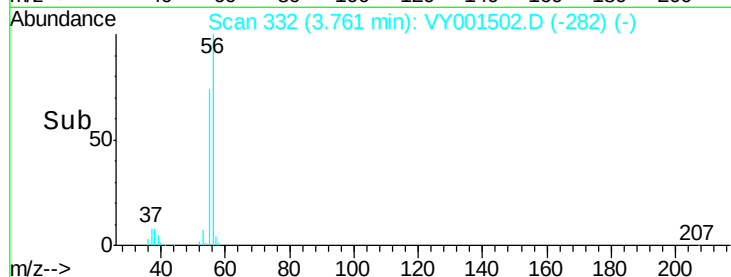
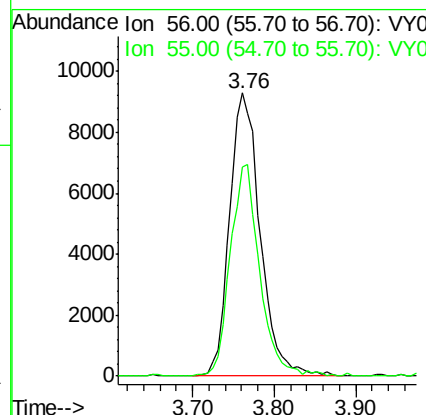
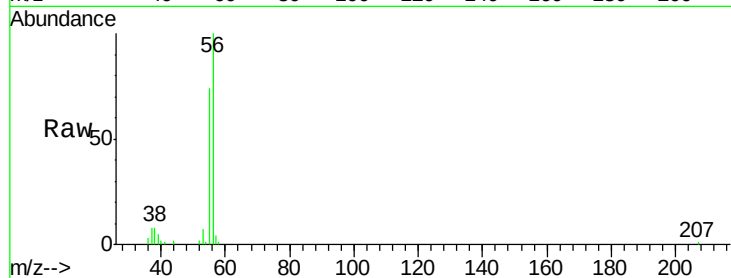
#13
Acrolein
Concen: 107.665 ug/l
RT: 3.76 min Scan# 332
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.2	56.2	84.4

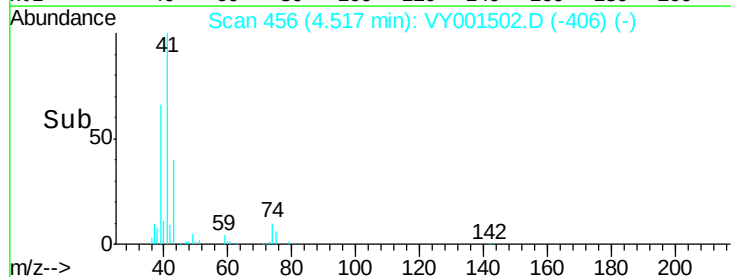
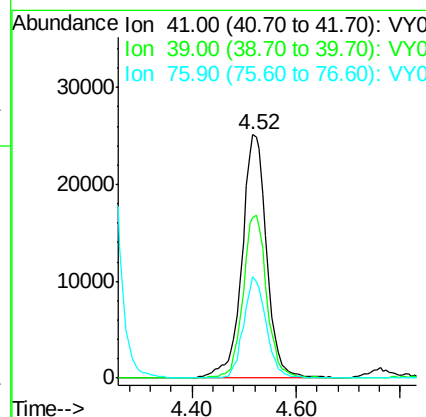
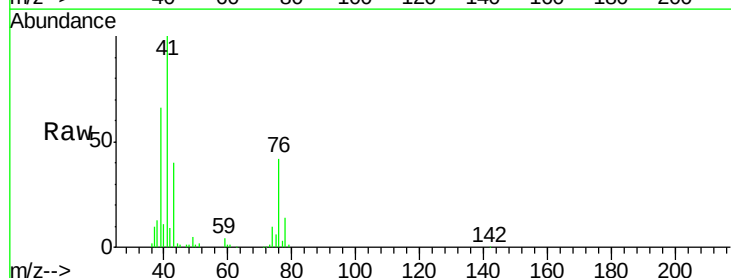
Manual Integrations
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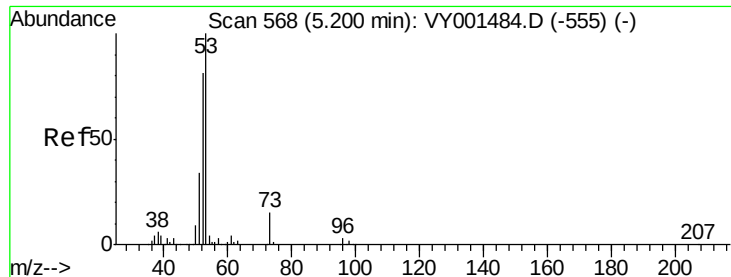
MMDadoda
2/6/2020 12:46:56 PM



#14
Allyl chloride
Concen: 21.799 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.2	53.0	79.6
76	37.7	32.6	48.8





#15

Acrylonitrile

Concen: 106.304 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Instrument :

MSVOA_Y

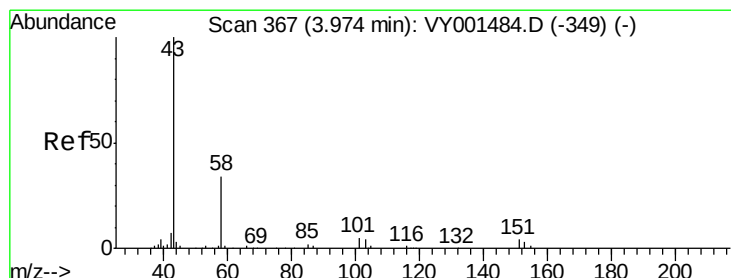
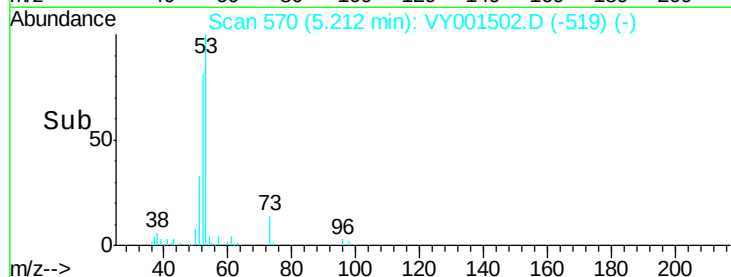
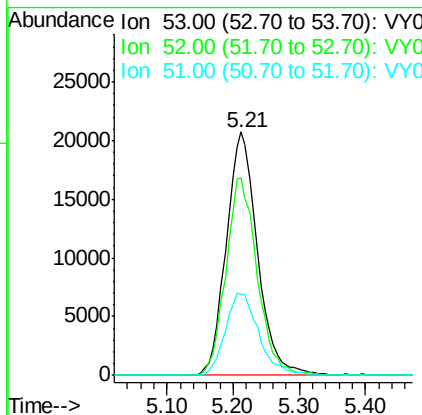
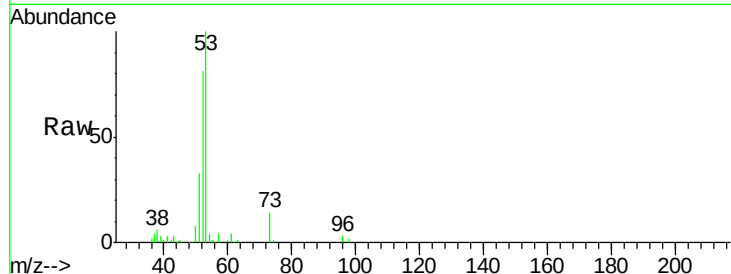
ClientSampleId :

VY0205SBS01

Tot Ion:	53	Resp:	67710
Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.4	98.2
51	35.9	29.0	43.4

Manual Integrations
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2/6/2020 12:46:56 PM



#16

Acetone

Concen: 95.941 ug/l

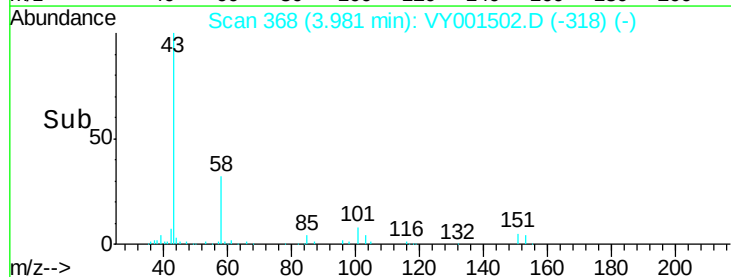
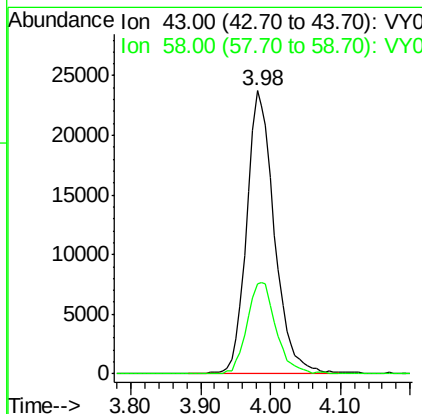
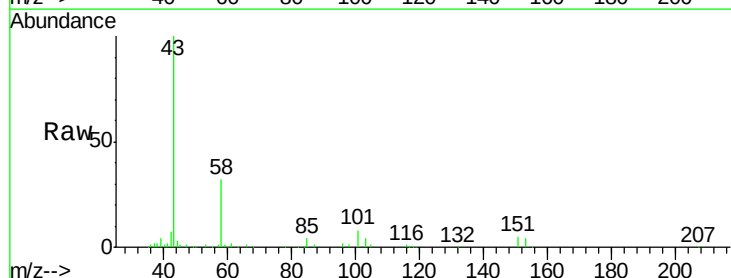
RT: 3.98 min Scan# 368

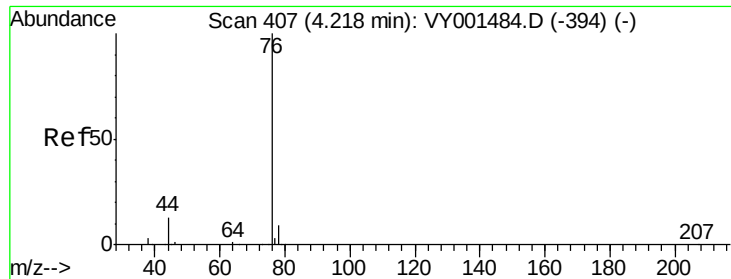
Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Tgt Ion:	43	Resp:	65426
Ion	Ratio	Lower	Upper
43	100		
58	31.8	27.5	41.3





#17

Carbon Disulfide

Concen: 20.884 ug/l

RT: 4.23 min Scan# 409

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

Tot Ion: 76 Resp: 163667

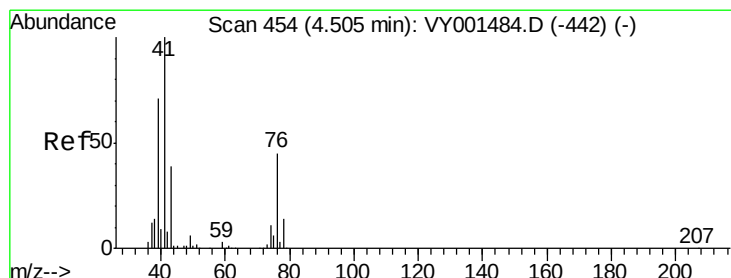
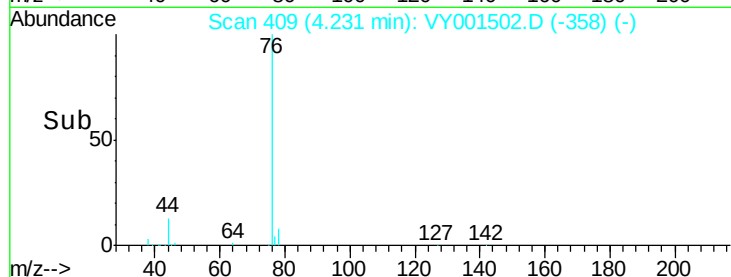
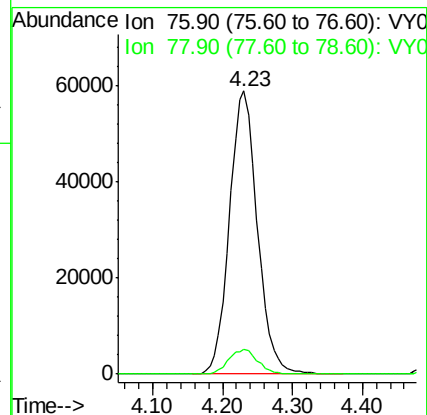
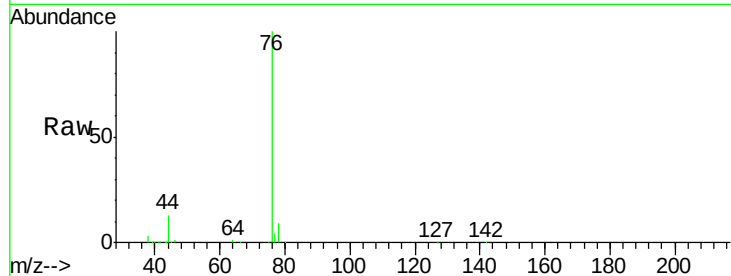
Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

Manual Integrations
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#18

Methyl Acetate

Concen: 22.023 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001502.D

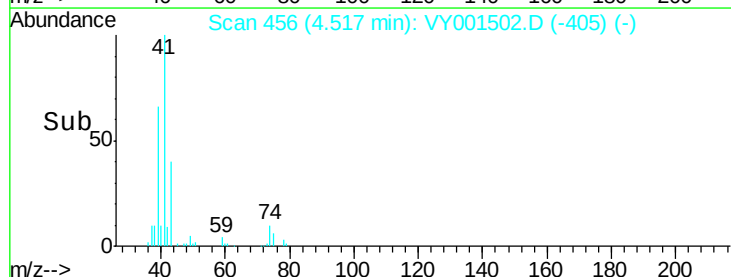
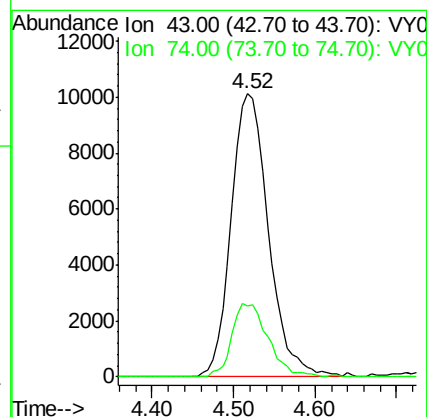
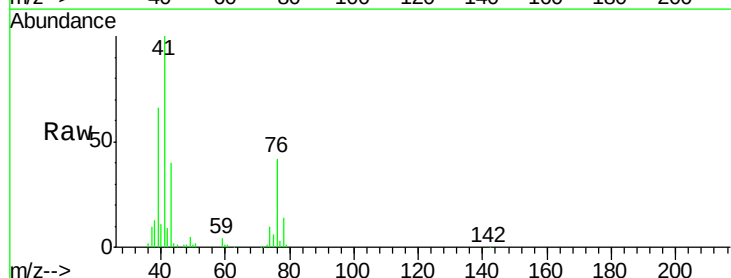
Acq: 05 Feb 2020 13:07

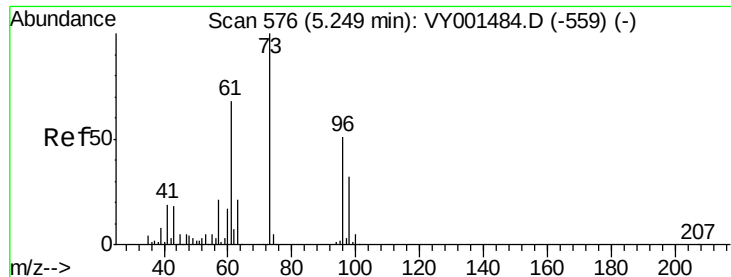
Tgt Ion: 43 Resp: 32049

Ion Ratio Lower Upper

43 100

74 25.1 21.0 31.6





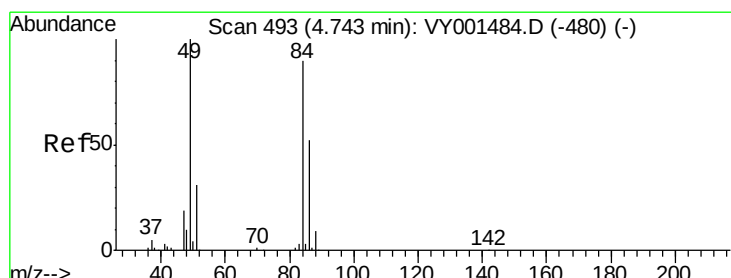
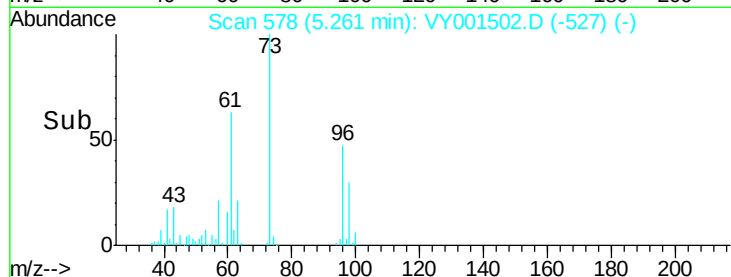
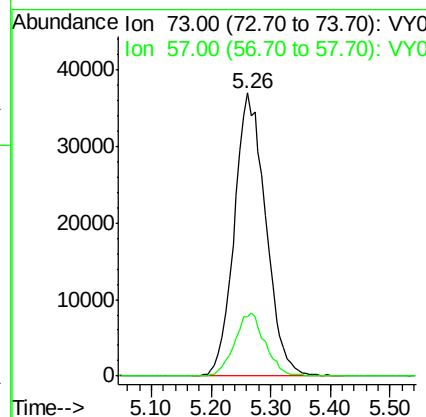
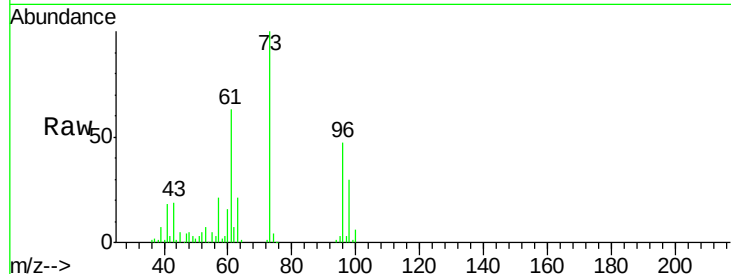
#19
Methyl tert-butyl Ether
Concen: 20.634 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion: 73 Resp: 135086
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.6

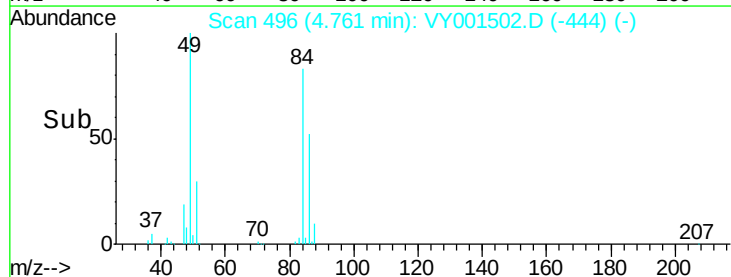
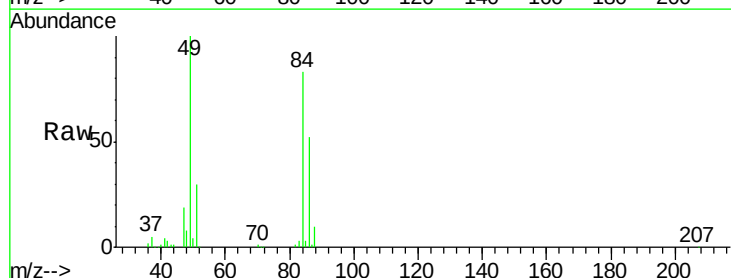
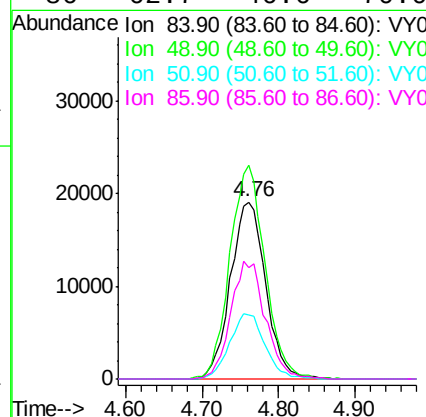
Manual Integrations
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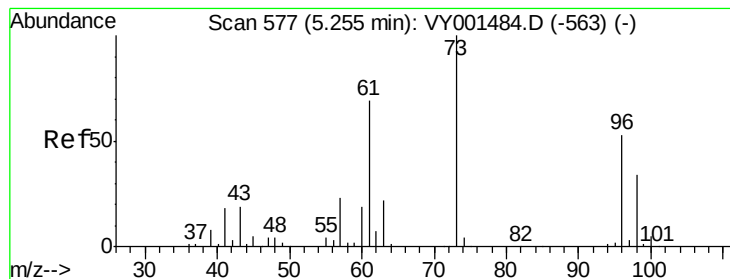
MMDadoda
2/6/2020 12:46:56 PM



#20
Methylene Chloride
Concen: 19.971 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.02 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion: 84 Resp: 60905
Ion Ratio Lower Upper
84 100
49 120.6 89.0 133.6
51 36.1 27.4 41.2
86 62.7 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 20.601 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

Tot Ion: 96 Resp: 56378

Ion Ratio Lower Upper

96 100

61 132.8 104.2 156.4

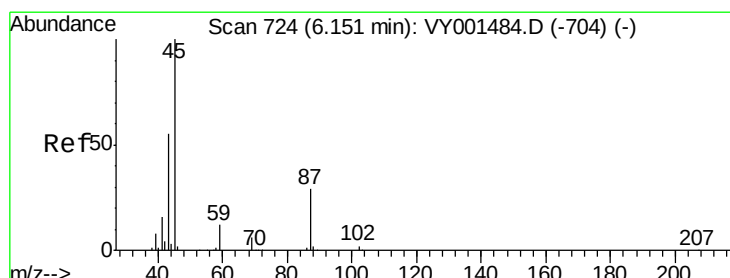
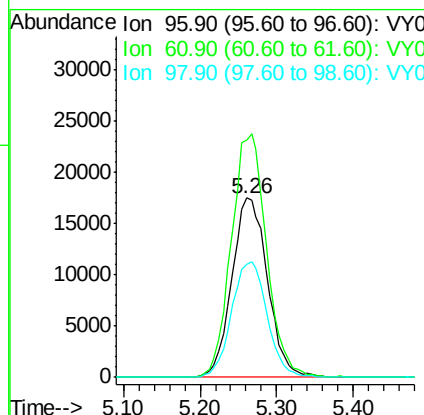
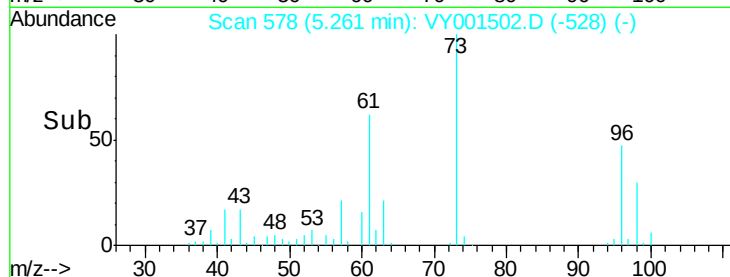
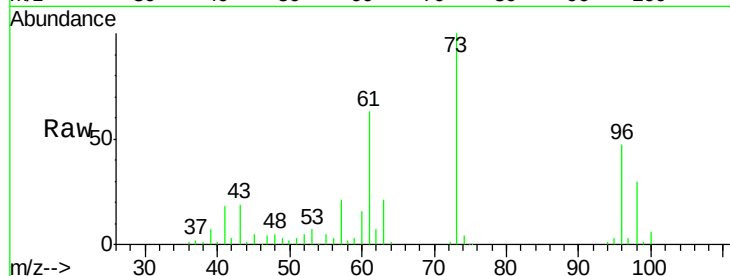
98 63.4 51.4 77.0

Manual Integrations

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#22

Diisopropyl ether

Concen: 21.960 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Tgt Ion: 45 Resp: 163844

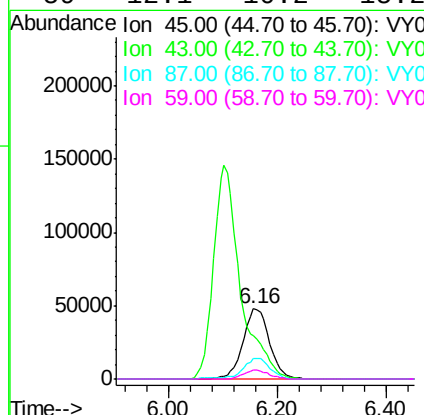
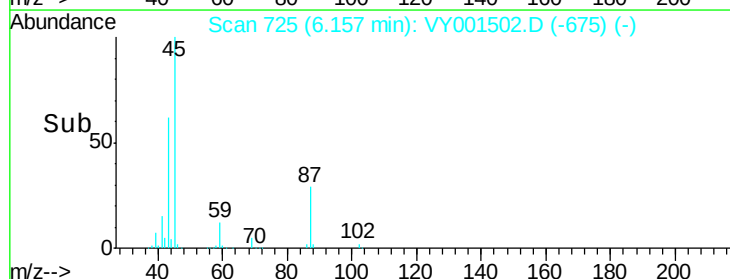
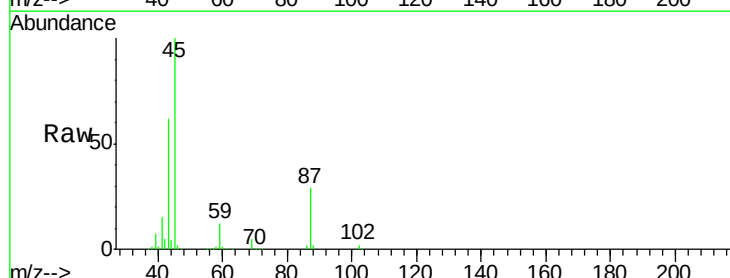
Ion Ratio Lower Upper

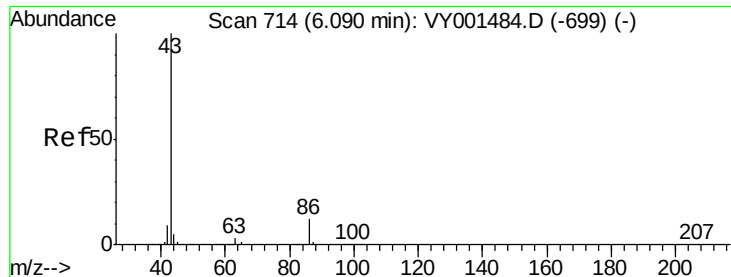
45 100

43 62.1 44.2 66.4

87 28.6 23.9 35.9

59 12.1 10.2 15.2





#23

Vinyl Acetate

Concen: 104.909 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

Tot Ion: 43 Resp: 498280

Ion Ratio Lower Upper

43 100

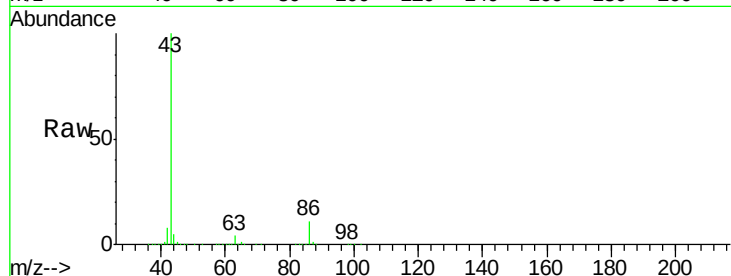
86 11.3 9.8 14.8

Manual Integrations

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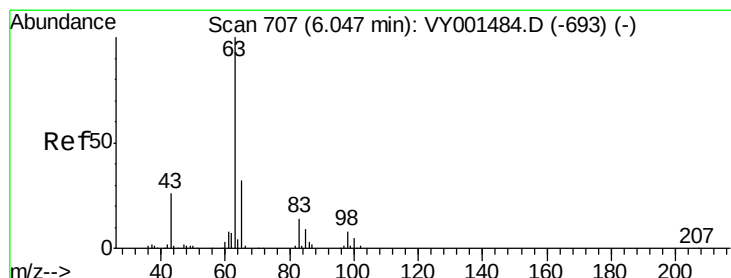
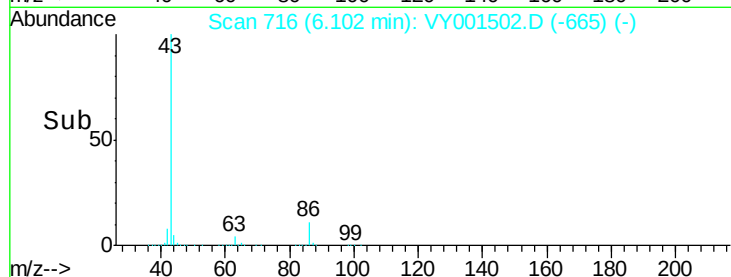
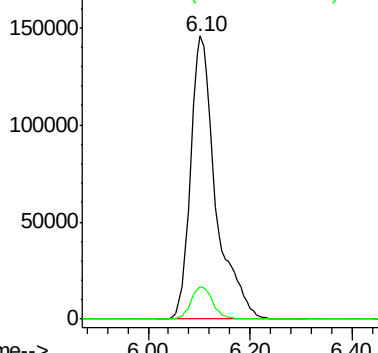
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.197 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.02 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

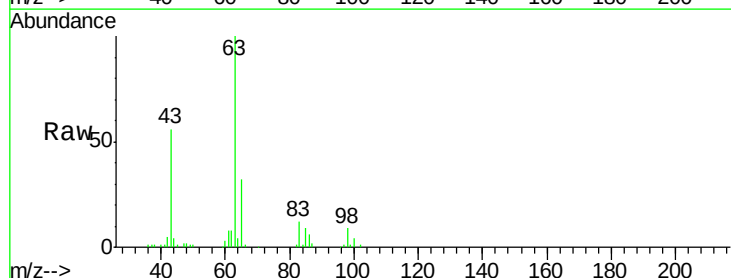
Tgt Ion: 63 Resp: 95128

Ion Ratio Lower Upper

63 100

98 8.6 4.0 11.9

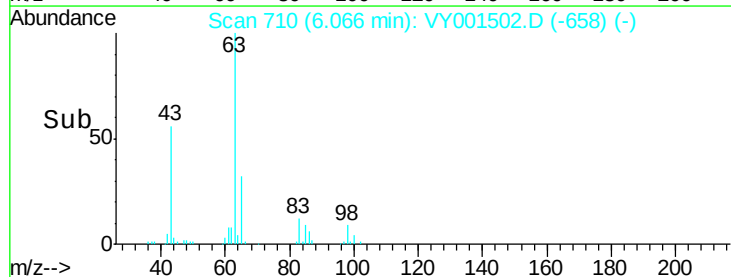
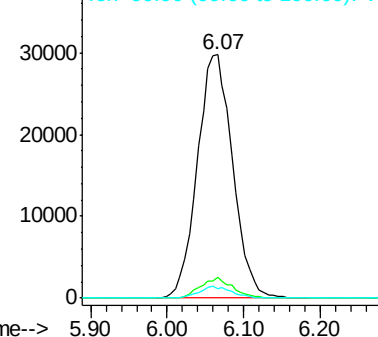
100 4.1 2.6 8.0

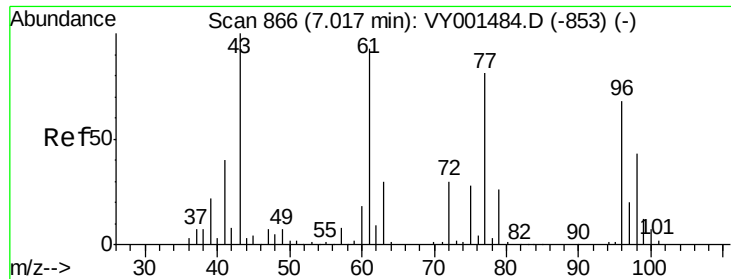


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





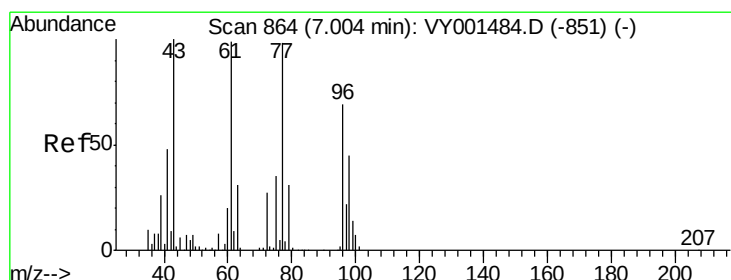
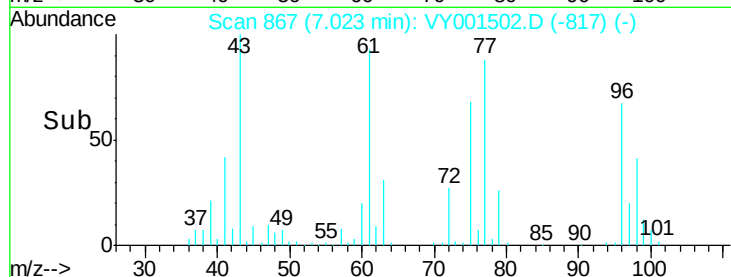
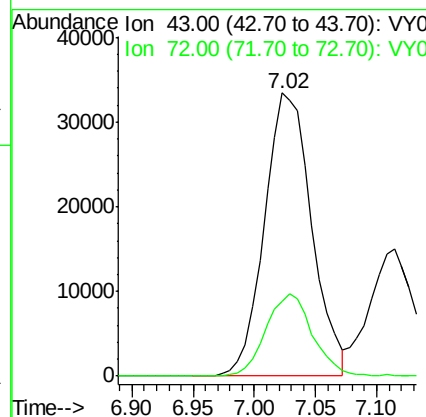
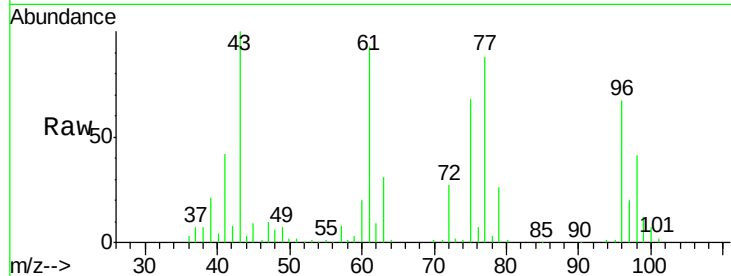
#25
2-Butanone
Concen: 101.590 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion: 43 Resp: 89878
Ion Ratio Lower Upper
43 100
72 26.5 23.8 35.8

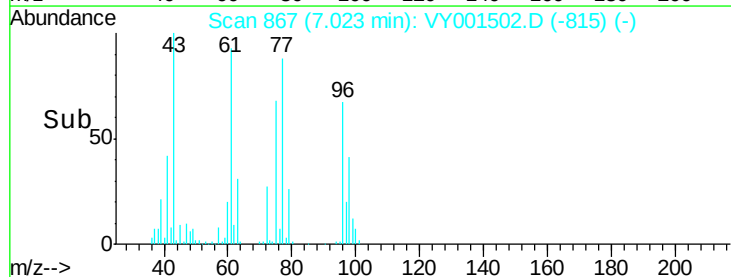
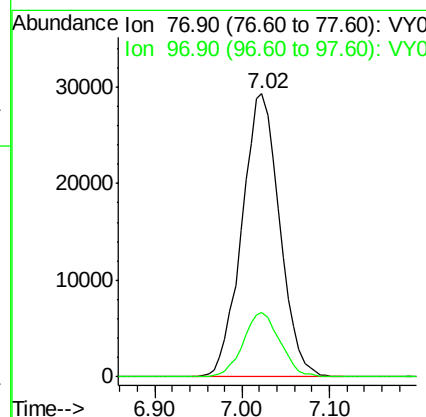
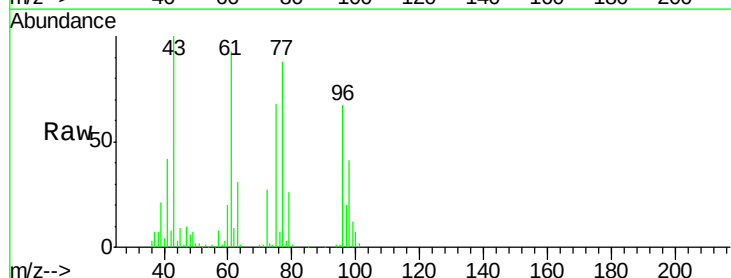
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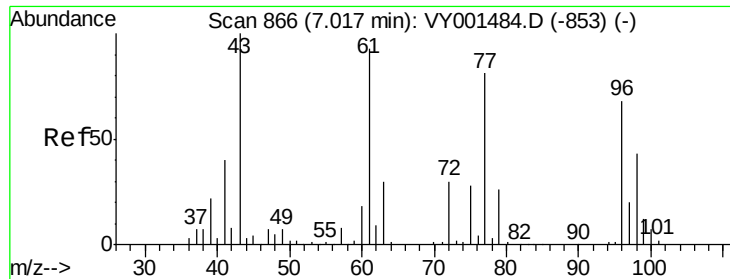
MMDadoda
2/6/2020 12:46:56 PM



#26
2,2-Dichloropropane
Concen: 20.435 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.02 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion: 77 Resp: 87769
Ion Ratio Lower Upper
77 100
97 22.3 11.7 35.0





#27

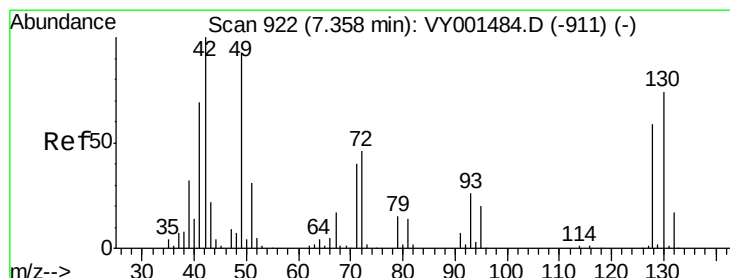
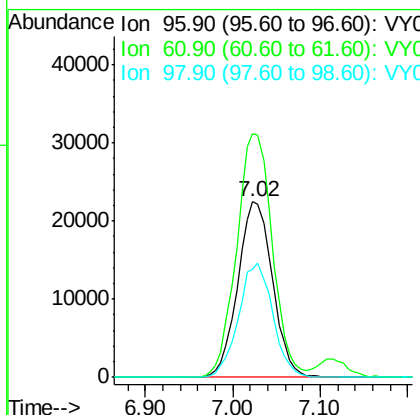
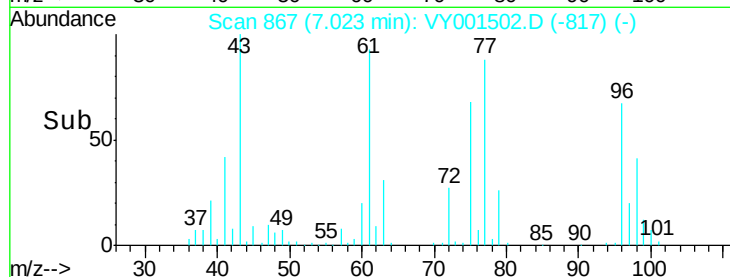
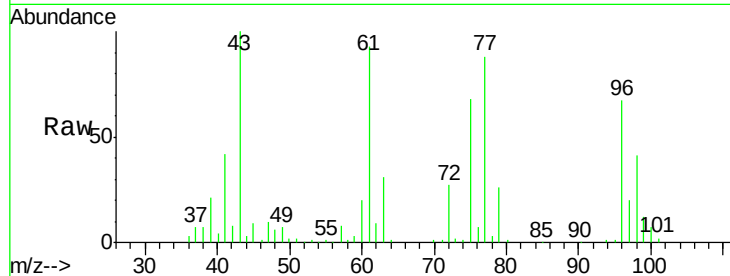
cis-1,2-Dichloroethene
Concen: 20.694 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	61855		
61	143.1	0.0	278.8	
98	64.2	0.0	128.8	

Manual Integrations
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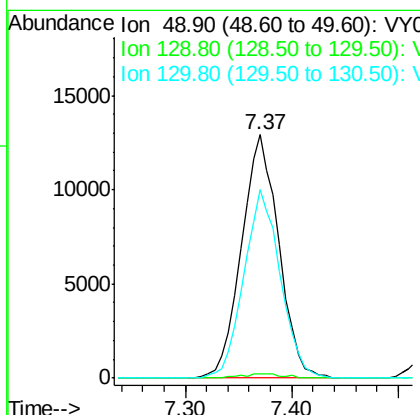
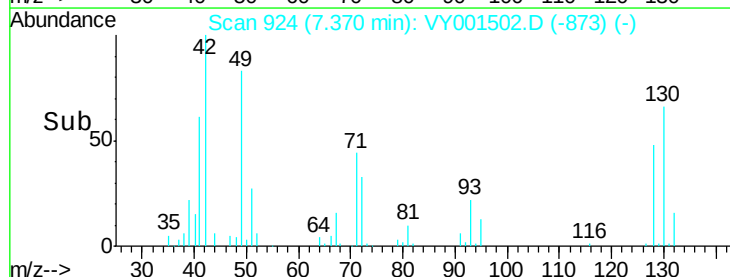
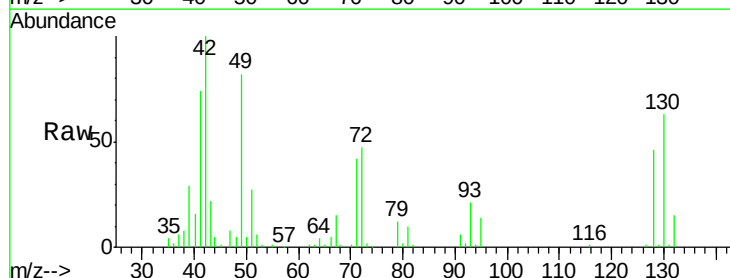
MMDadoda
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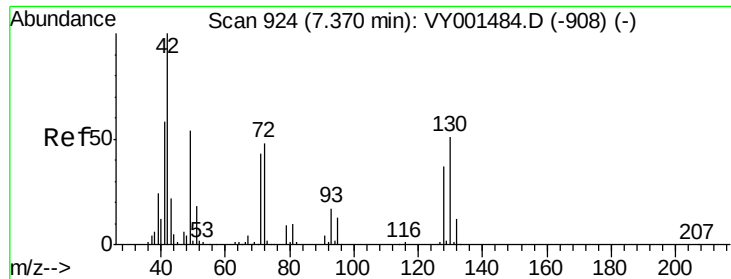


#28

Bromochloromethane
Concen: 20.691 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	31633		
129	1.9	0.0	4.8	
130	75.9	65.4	98.2	





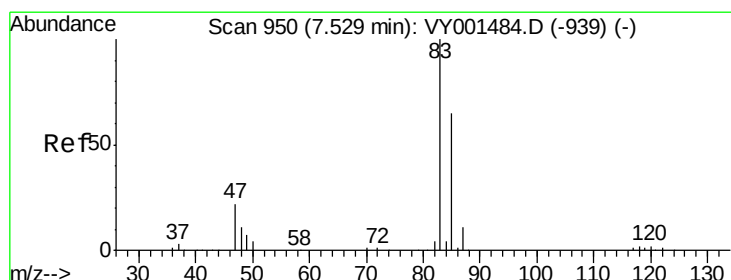
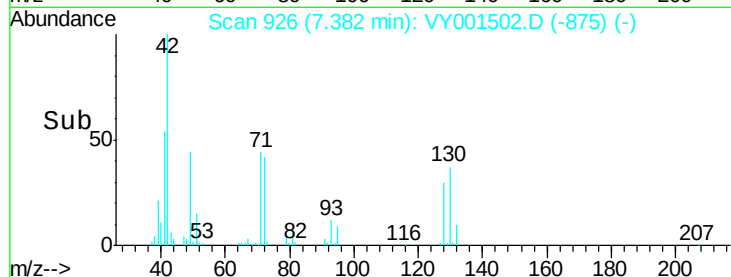
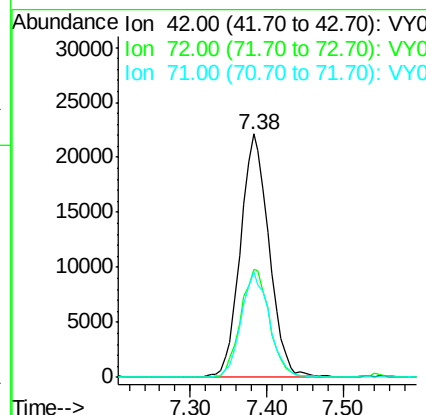
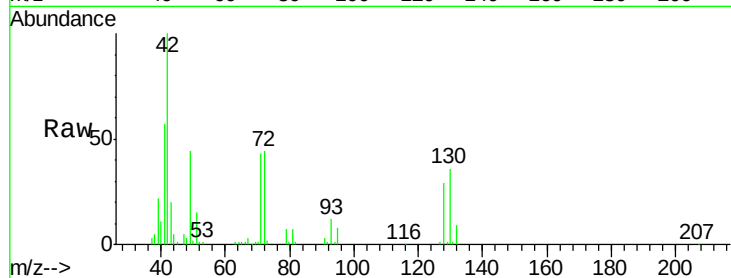
#29
Tetrahydrofuran
Concen: 108.430 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	37.8	56.6
71	42.5	34.8	52.2

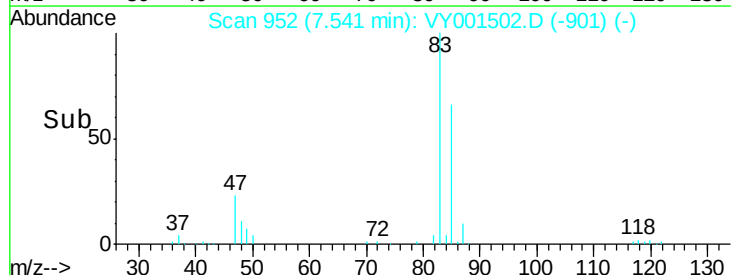
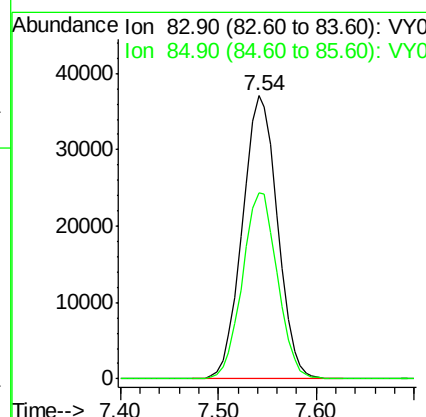
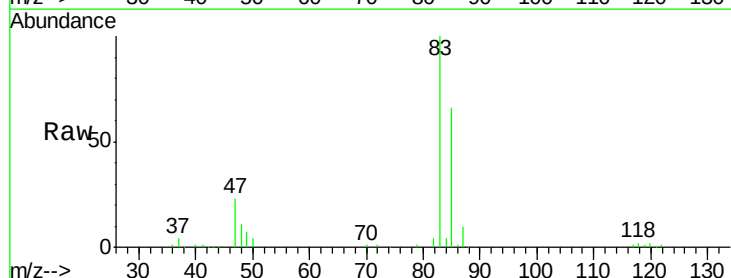
Manual Integrations
APPROVED

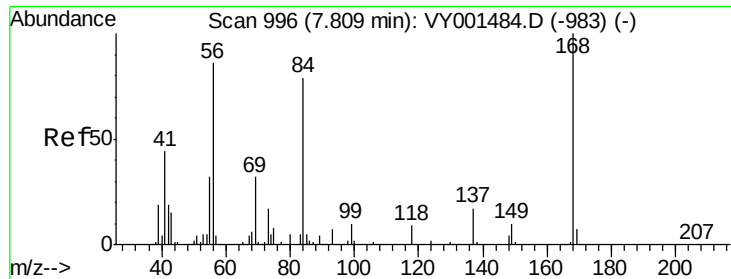
MMDadoda
2/6/2020 12:46:56 PM



#30
Chloroform
Concen: 20.272 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.4	78.6





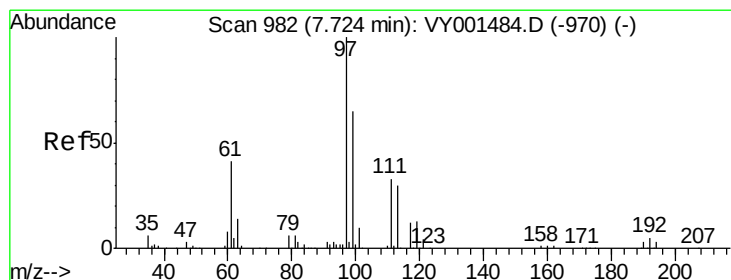
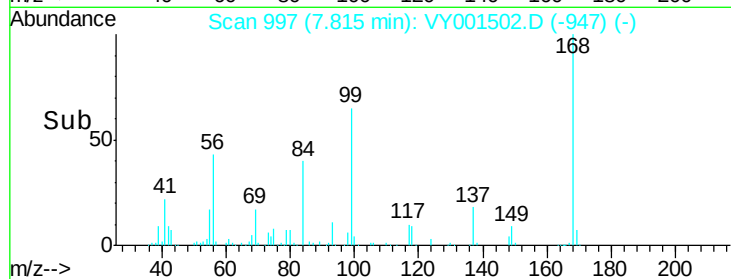
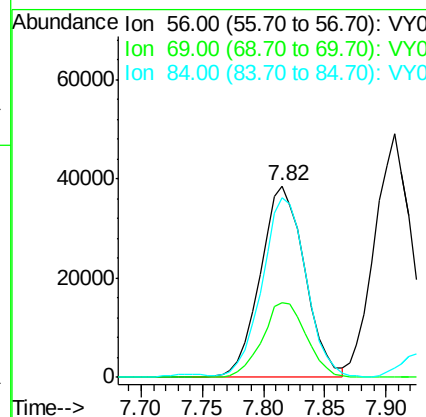
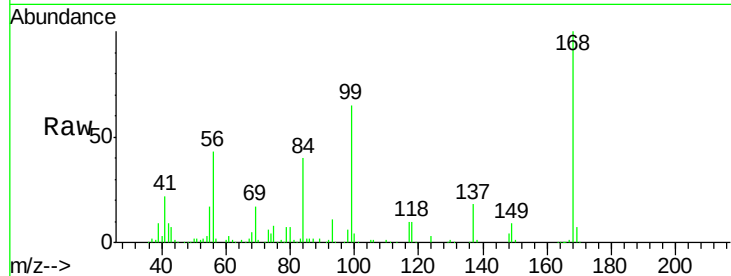
#31
Cyclohexane
Concen: 21.337 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.2	29.6	44.4
84	92.7	73.6	110.4

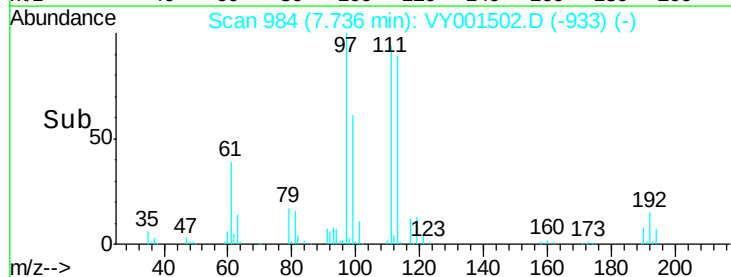
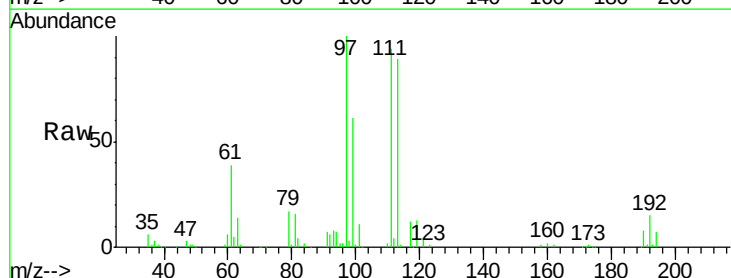
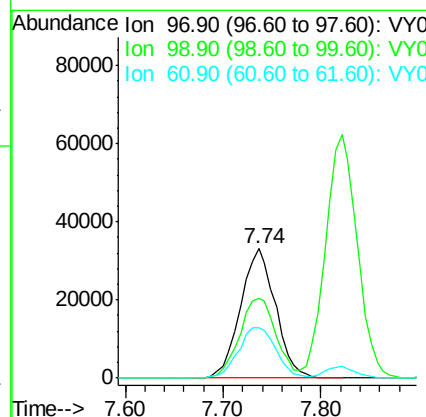
Manual Integrations
APPROVED

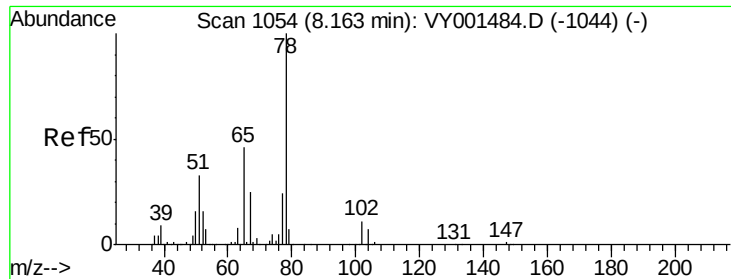
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.982 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	42.0	32.5	48.7





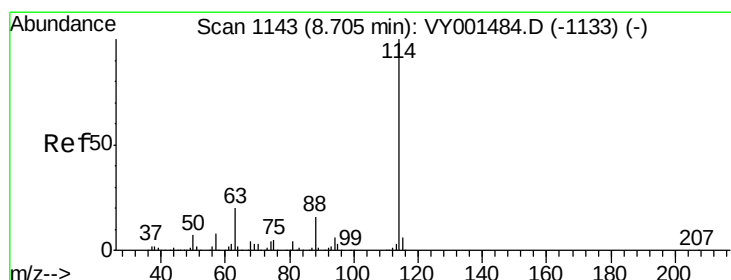
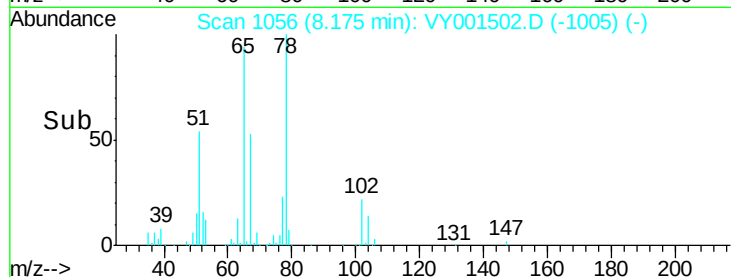
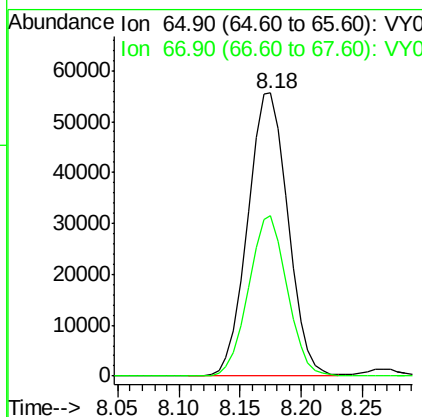
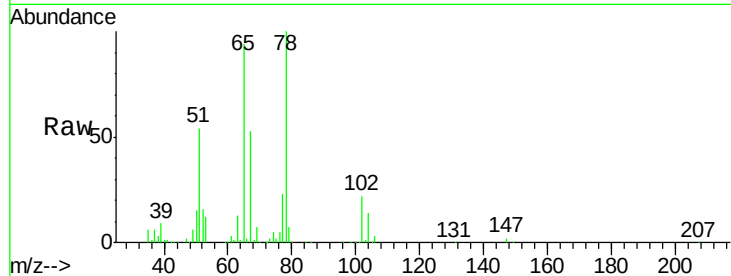
#33
 1,2-Dichloroethane-d4
 Concen: 53.989 ug/l
 RT: 8.18 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	127280		
67	54.4	0.0	108.6	

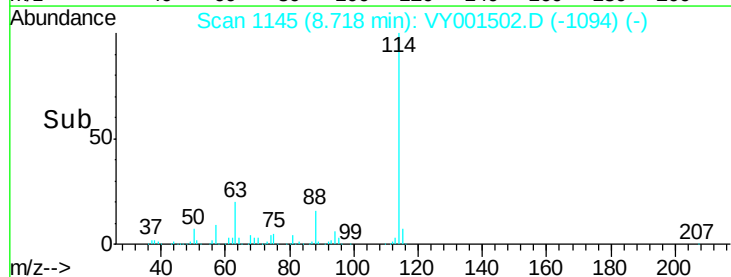
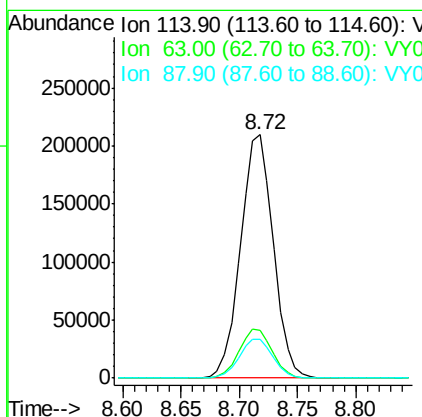
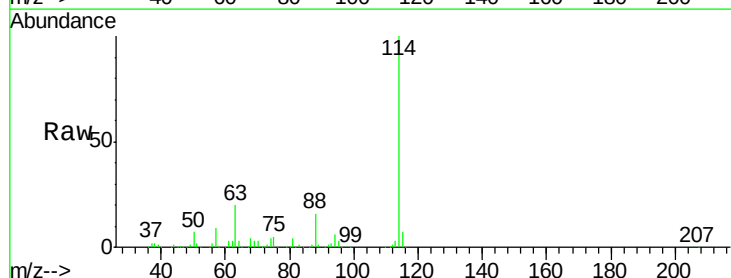
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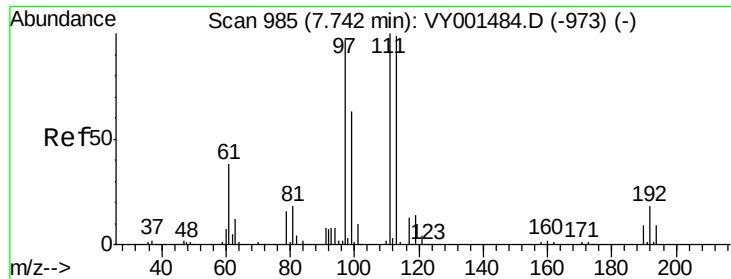
MMDadoda
 2/6/2020 12:46:56 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	411884		
63	19.6	0.0	39.8	
88	16.2	0.0	32.6	





#35

Dibromofluoromethane

Concen: 51.084 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Instrument :

MSVOA_Y

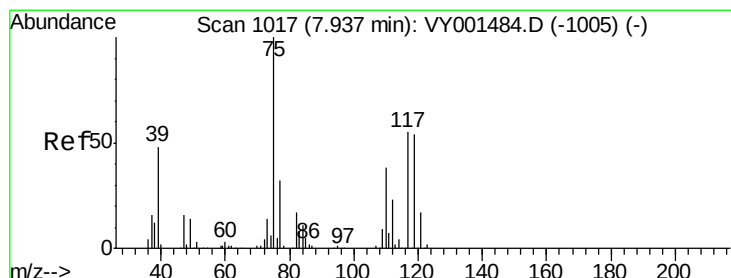
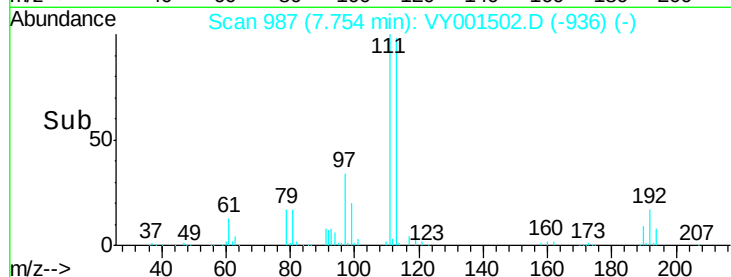
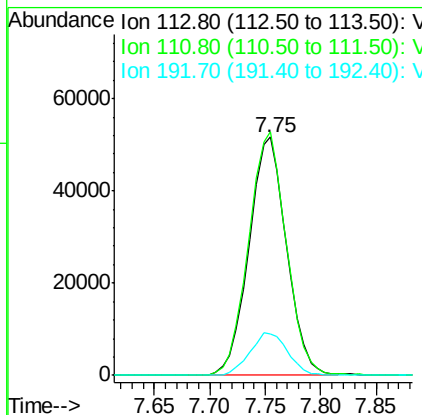
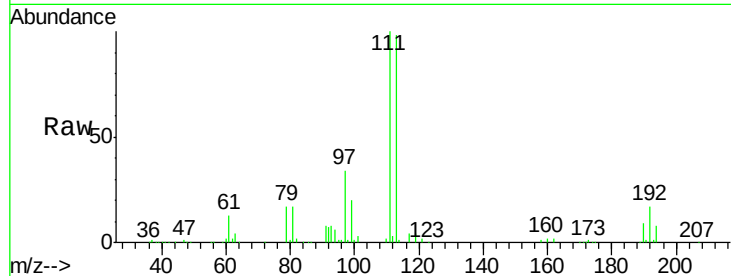
ClientSampleId :

VY0205SBS01

Tot Ion:	113	Resp:	121331
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.9	124.3
192	17.8	14.6	22.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.084 ug/l

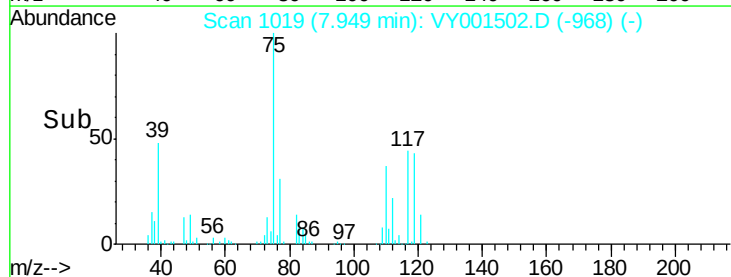
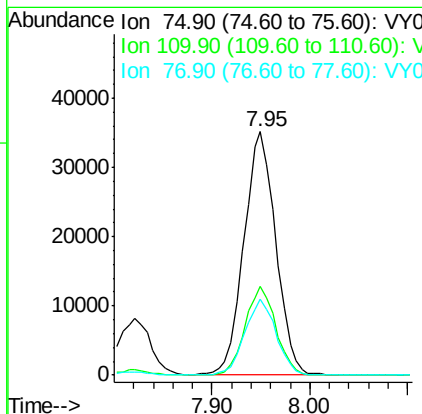
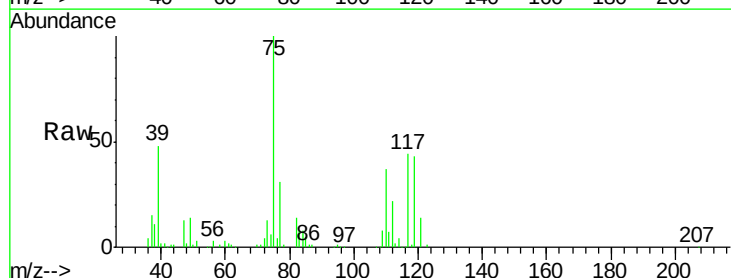
RT: 7.95 min Scan# 1019

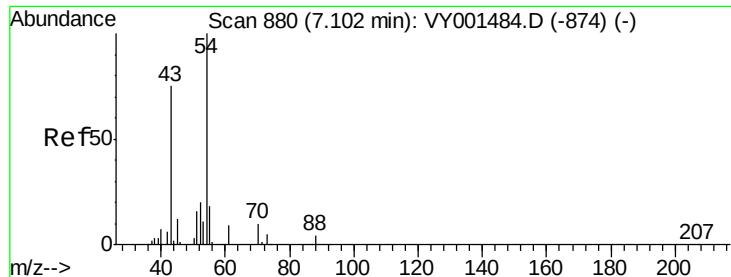
Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Tgt Ion:	75	Resp:	79442
Ion Ratio	Lower	Upper	
75	100		
110	35.1	18.2	54.6
77	30.6	25.0	37.4





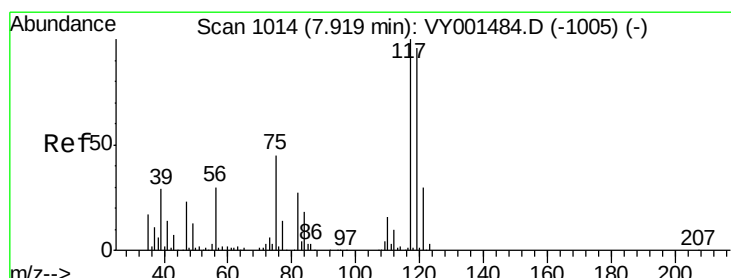
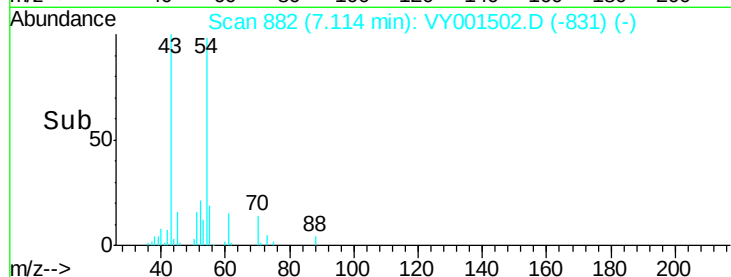
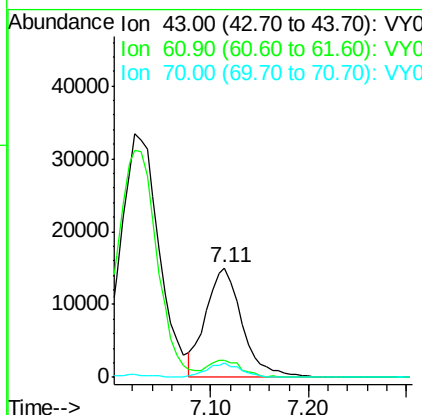
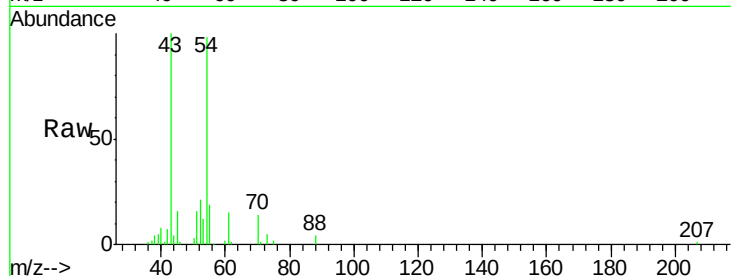
#37
Ethyl Acetate
Concen: 21.167 ug/l
RT: 7.11 min Scan# 882
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.0	18.0
70	12.3	10.2	15.4

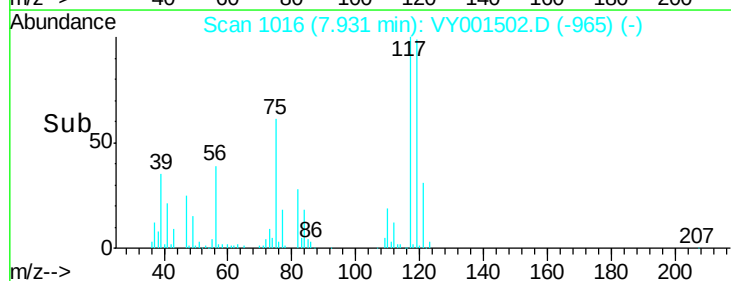
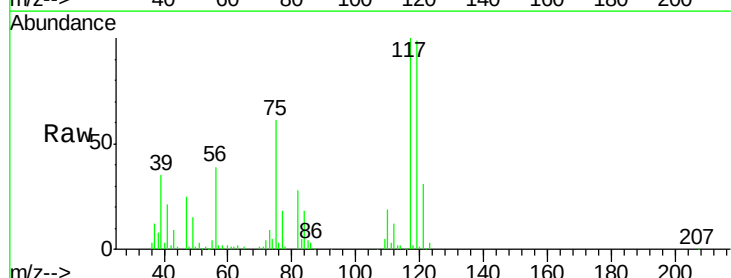
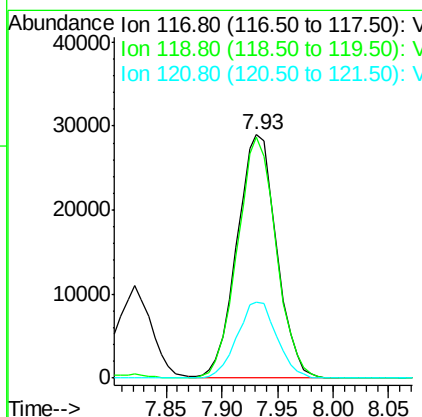
Manual Integrations
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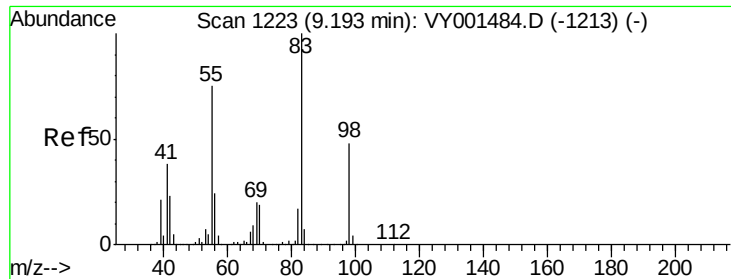
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#38
Carbon Tetrachloride
Concen: 19.634 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.4	114.6
121	31.0	24.2	36.4





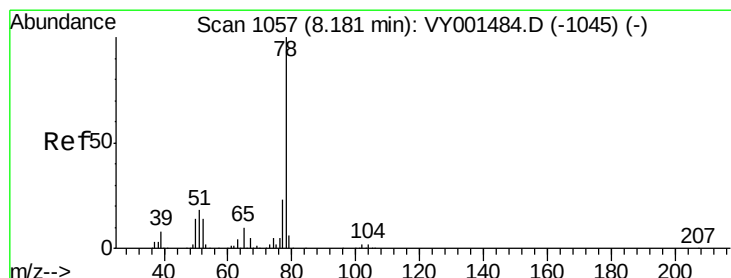
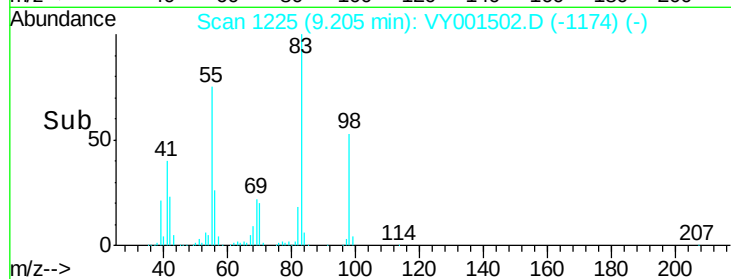
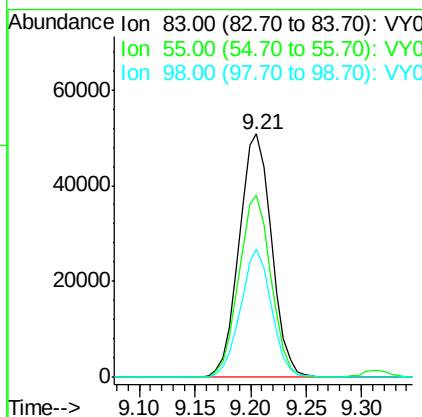
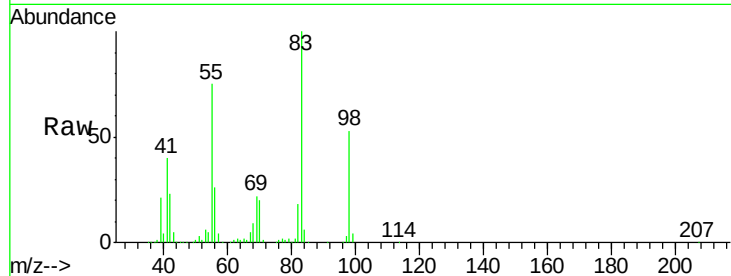
#39
Methylvlcyclohexane
Concen: 20.747 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	102935		
55	74.7		59.8	89.6
98	52.8		38.6	57.8

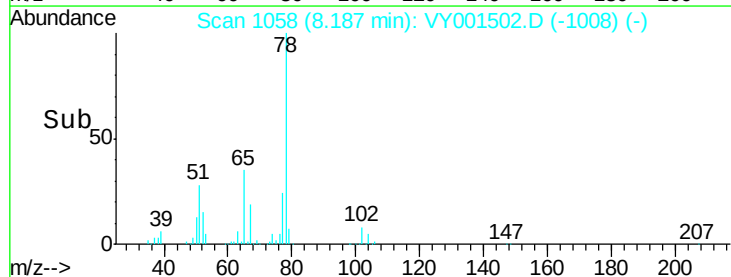
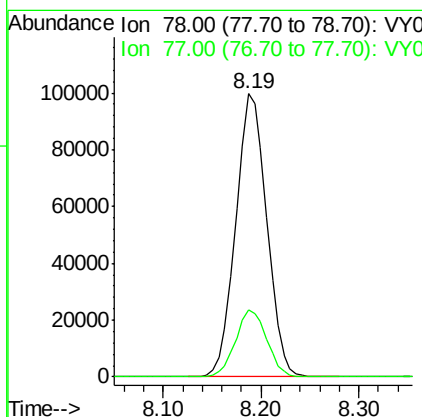
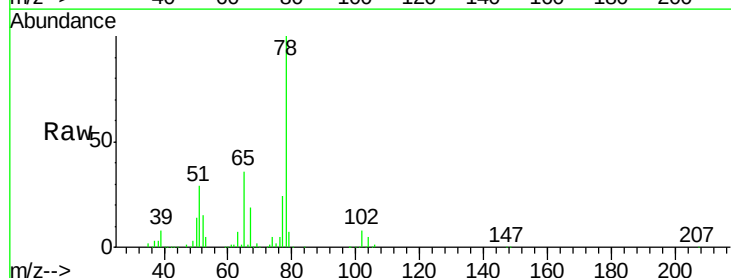
Manual Integrations
APPROVED

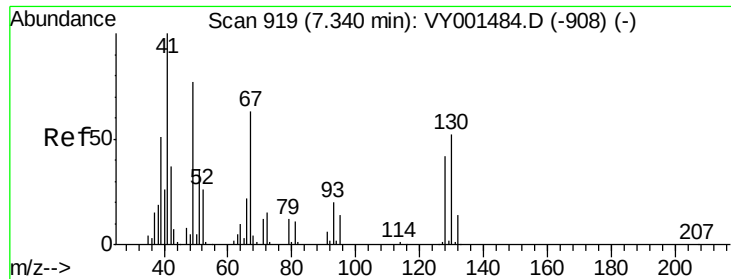
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2/6/2020 12:46:56 PM



#40
Benzene
Concen: 20.489 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	220208		
77	23.7		18.5	27.7





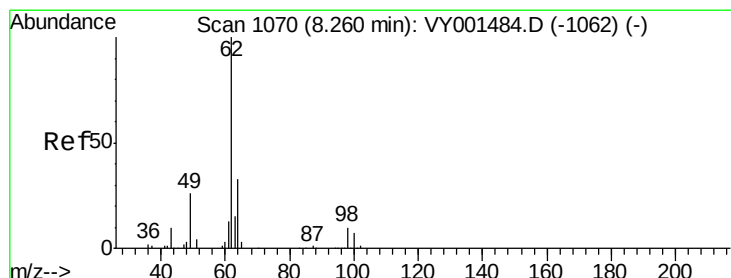
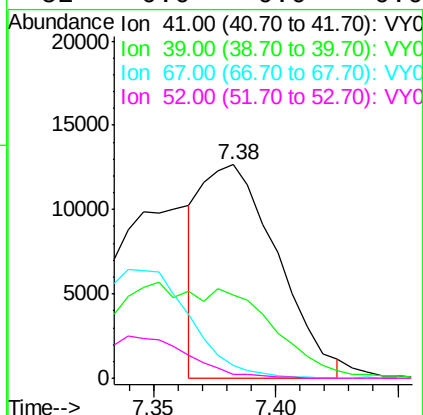
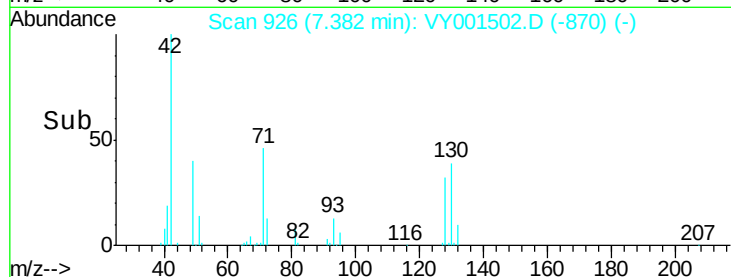
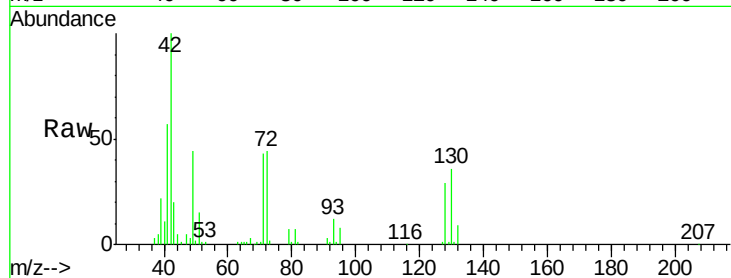
#41
Methacrylonitrile
Concen: 32.520 ug/l m
RT: 7.38 min Scan# 926
Delta R.T. 0.04 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion	41	Resp	27492
Ion	Ratio	Lower	Upper
41	100		
39	0.0	116.8	175.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

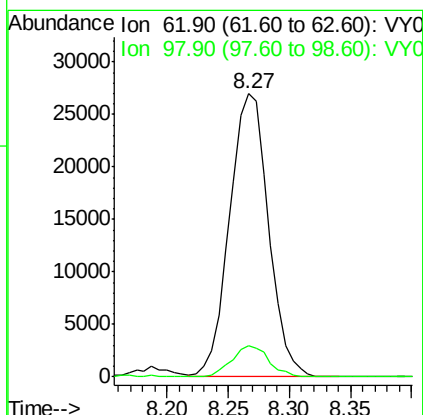
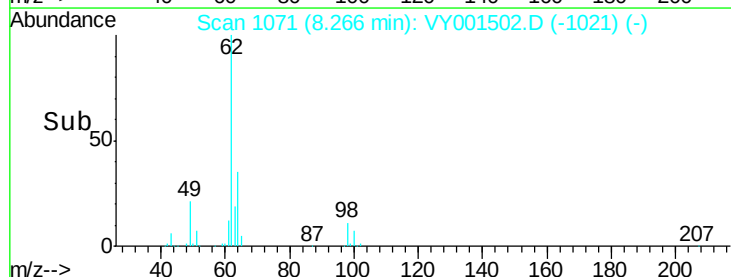
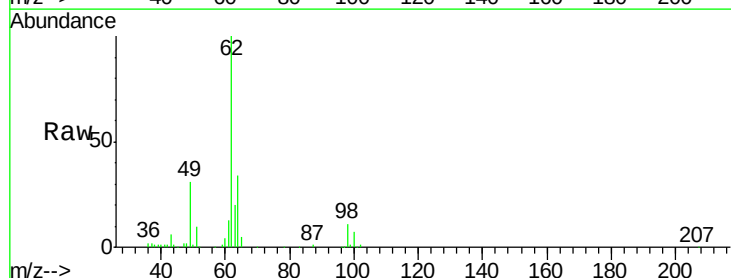
Manual Integrations
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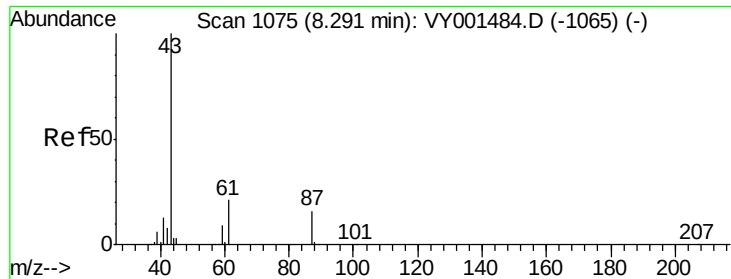
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#42
1,2-Dichloroethane
Concen: 19.920 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion	62	Resp	59646
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0





#43

Isopropyl Acetate

Concen: 20.864 ug/l

RT: 8.30 min Scan# 1077

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Instrument :

MSVOA_Y

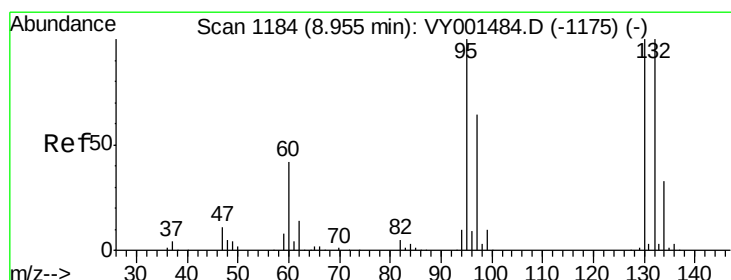
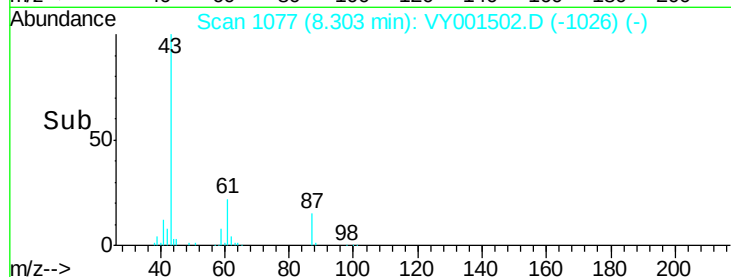
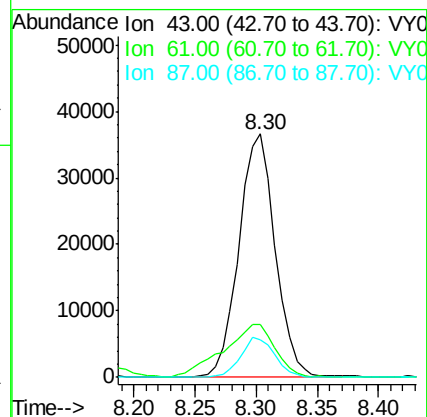
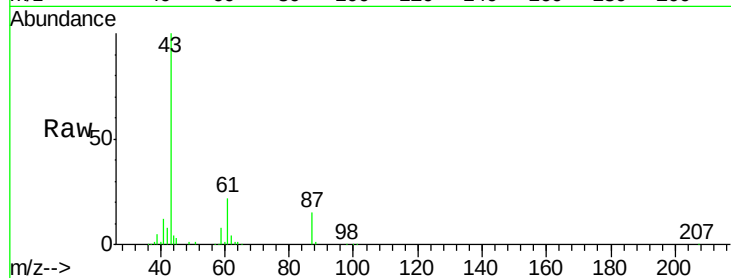
ClientSampleId :

VY0205SBS01

Tot Ion:	43	Resp:	75351
Ion	Ratio	Lower	Upper
43	100		
61	31.1	25.1	37.7
87	15.5	12.6	19.0

Manual Integrations
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MMDadoda
2/6/2020 12:46:56 PM



#44

Trichloroethene

Concen: 19.943 ug/l

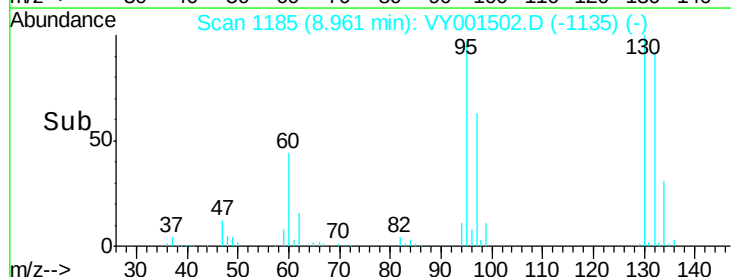
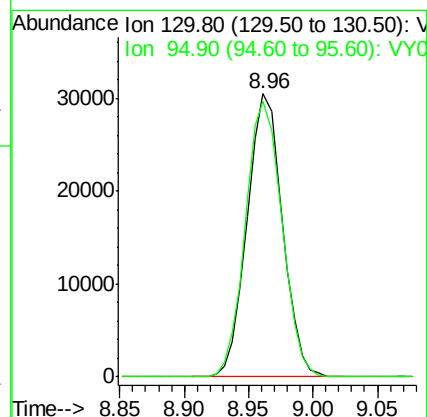
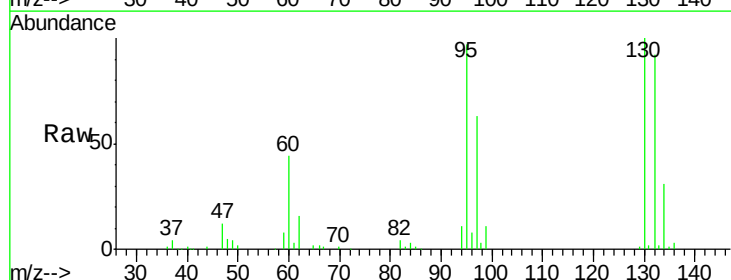
RT: 8.96 min Scan# 1185

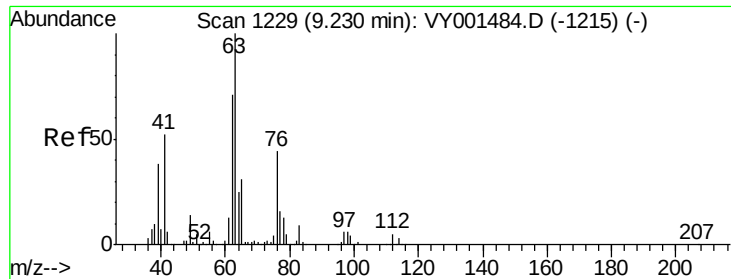
Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Tgt Ion:	130	Resp:	57775
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	199.2





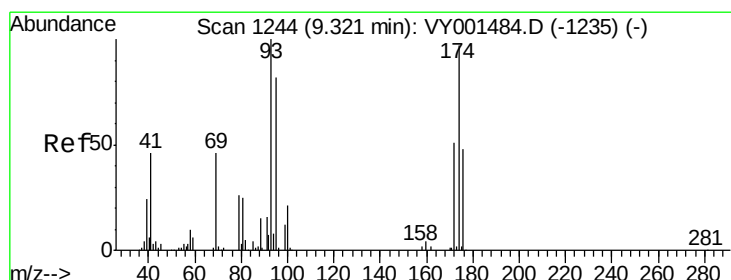
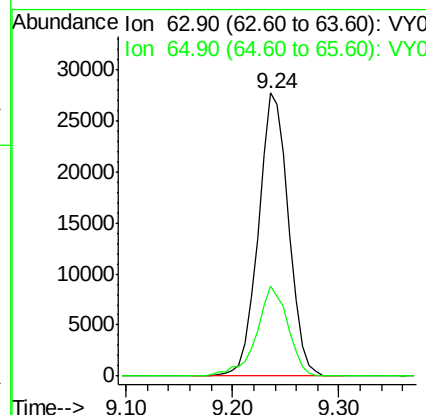
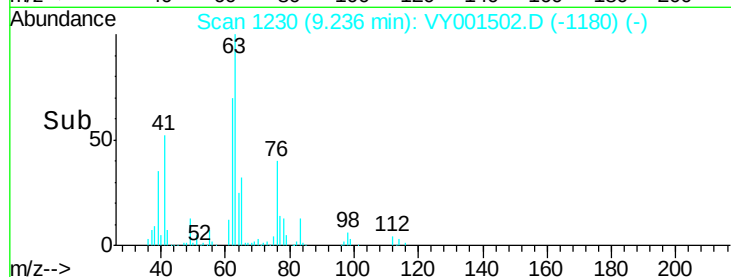
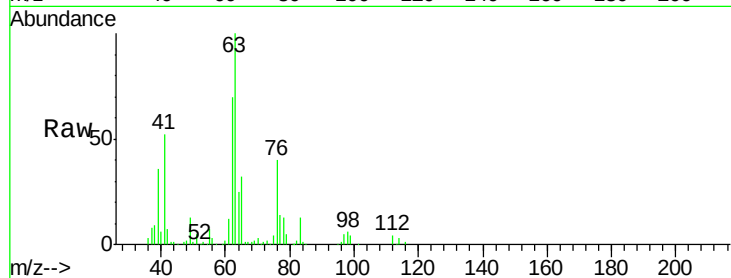
#45
 1,2-Dichloropropane
 Concen: 21.165 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.0	37.4

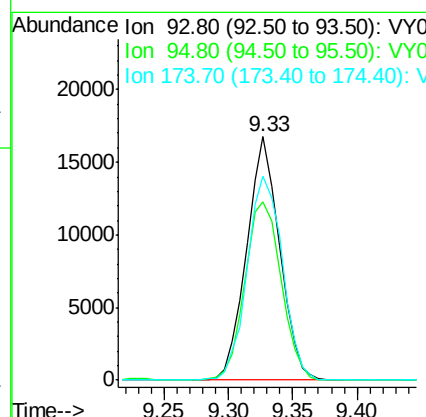
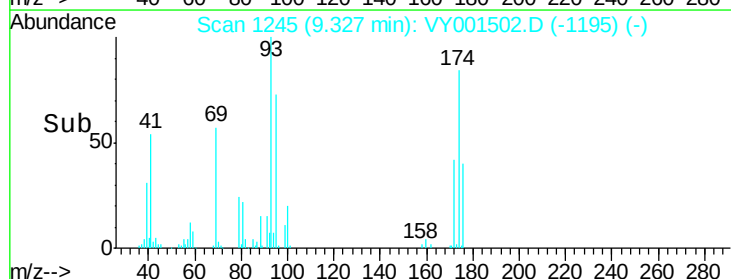
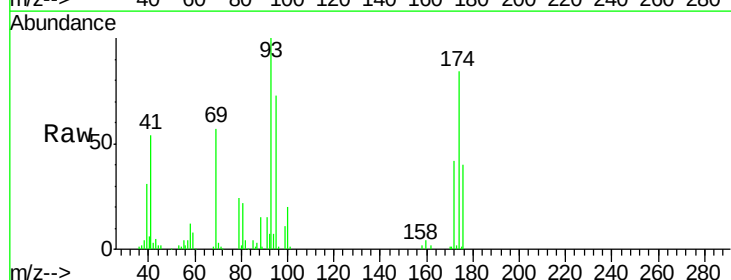
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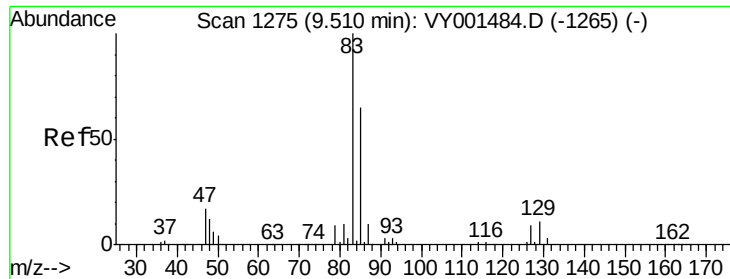
MMDadoda
 2/6/2020 12:46:56 PM



#46
 Dibromomethane
 Concen: 20.364 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.7	66.6	99.8
174	89.3	75.4	113.2





#47

Bromodichloromethane

Concen: 20.405 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Instrument :

MSVOA_Y

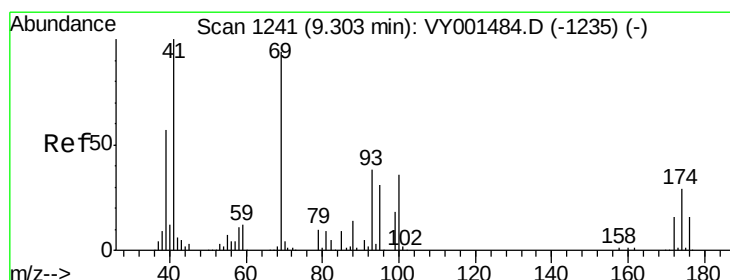
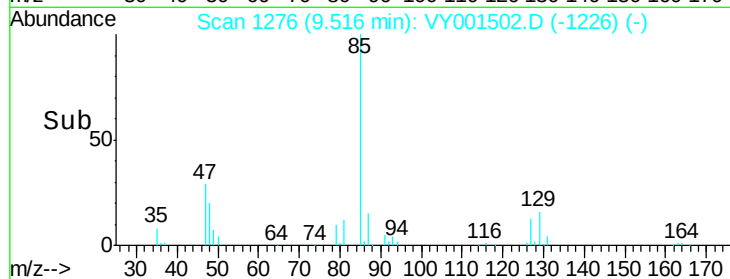
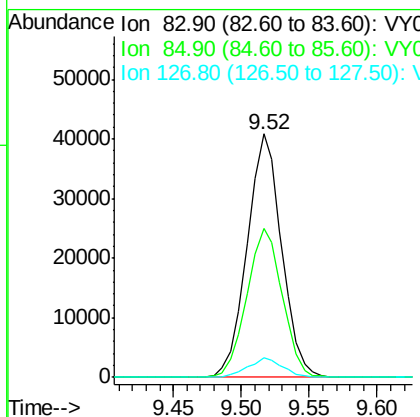
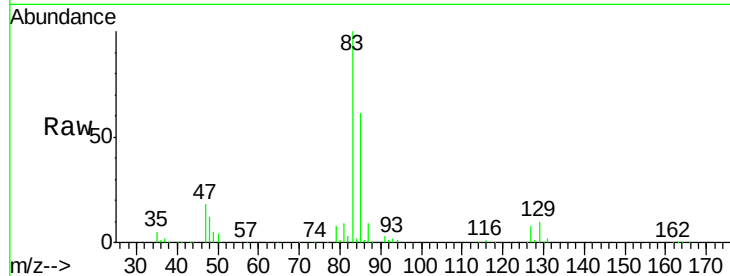
ClientSampleId :

VY0205SBS01

Tot Ion:	83	Resp:	72453
Ion Ratio	Lower	Upper	
83	100		
85	61.0	51.9	77.9
127	7.9	6.9	10.3

Manual Integrations
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MMDadoda
2/6/2020 12:46:56 PM



#48

Methyl methacrylate

Concen: 19.898 ug/l

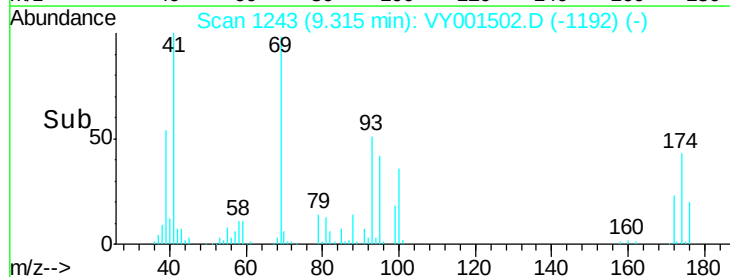
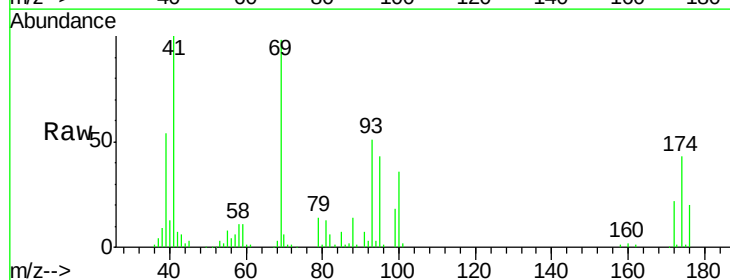
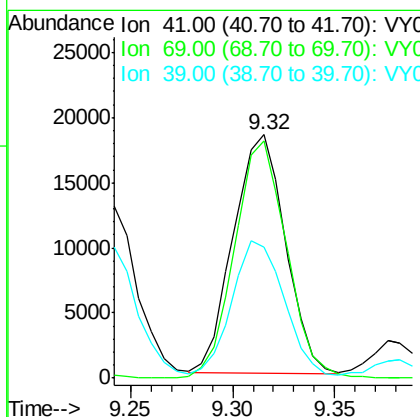
RT: 9.32 min Scan# 1243

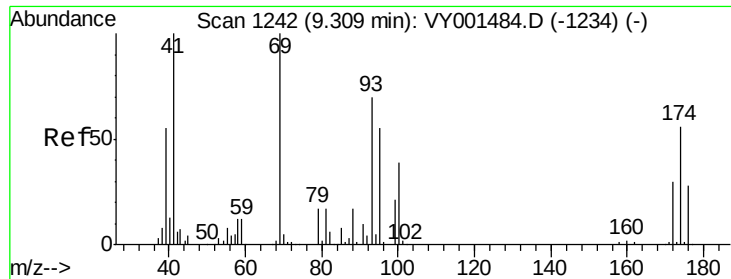
Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Tgt Ion:	41	Resp:	32616
Ion Ratio	Lower	Upper	
41	100		
69	98.9	76.6	114.8
39	56.1	45.4	68.0





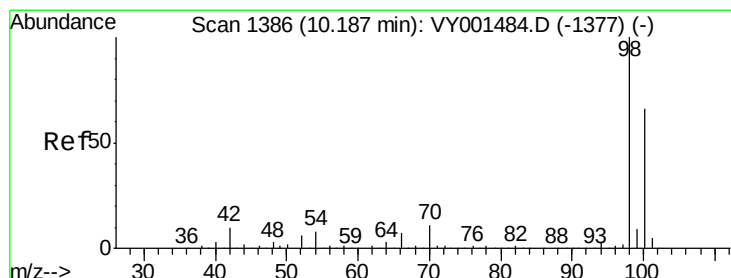
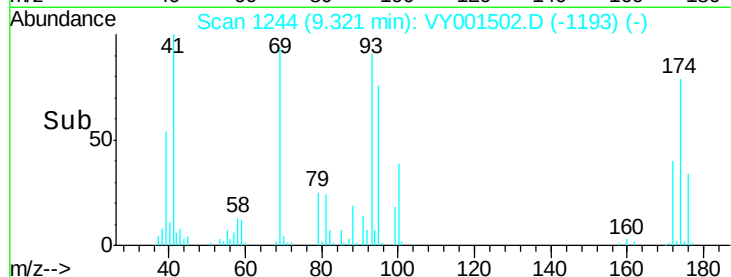
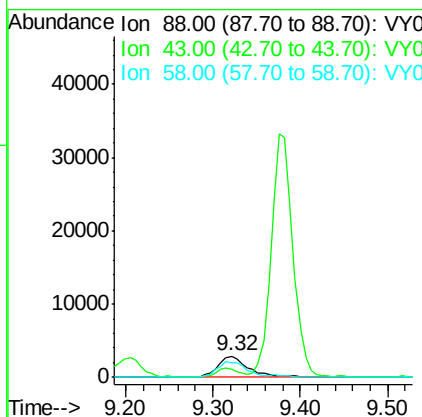
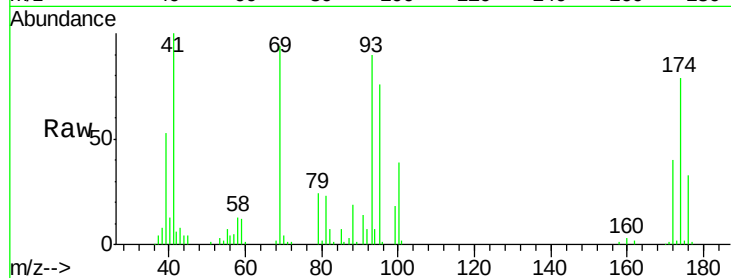
#49
1,4-Dioxane
Concen: 370.471 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	24.8	37.2
58	78.4	59.3	88.9

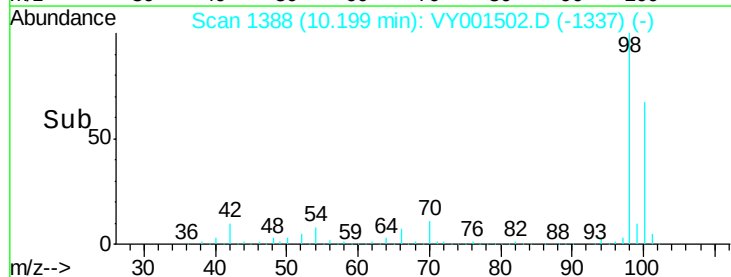
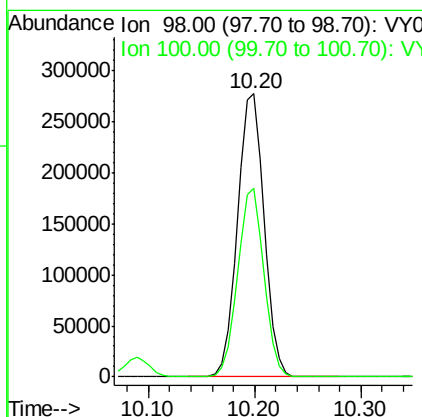
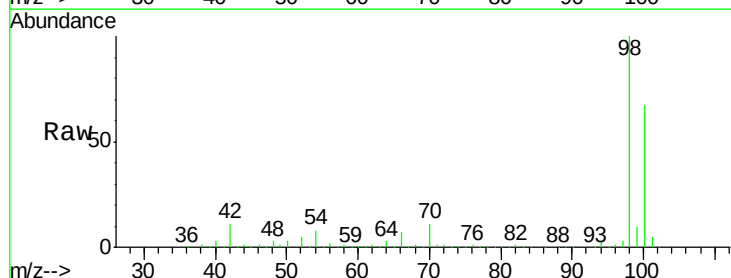
Manual Integrations
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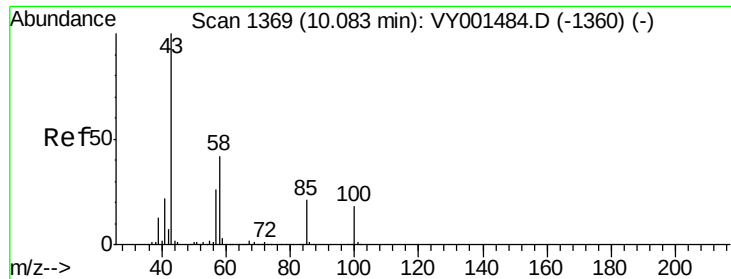
MMDadoda
2/6/2020 12:46:56 PM



#50
Toluene-d8
Concen: 54.270 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.6





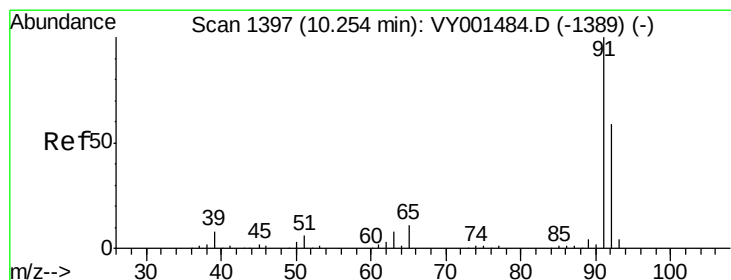
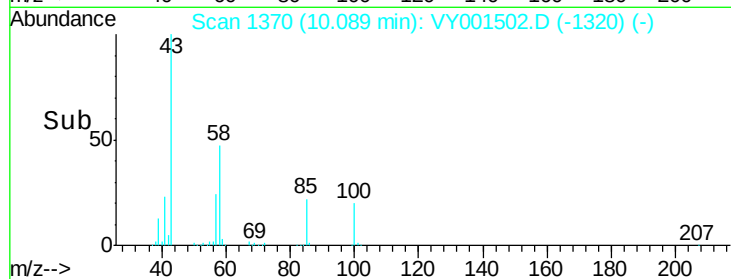
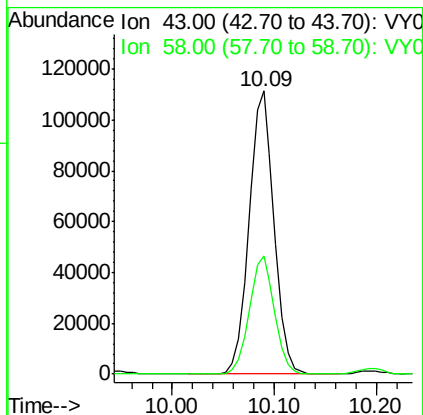
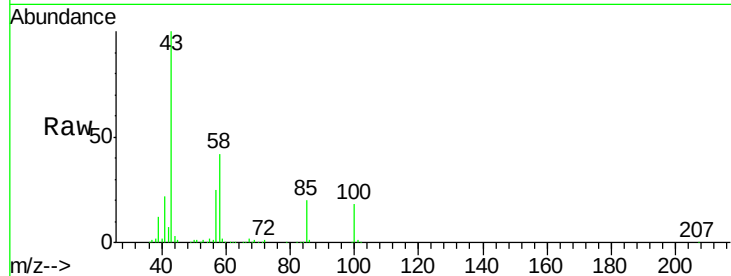
#51
4-Methyl-2-Pentanone
Concen: 106.218 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion	43	58	Ratio	Lower	Upper
188917	100	41.9		33.9	50.9

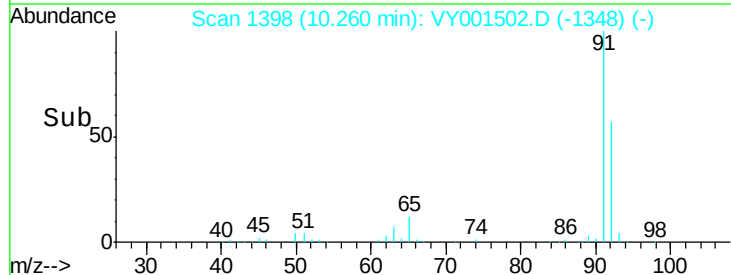
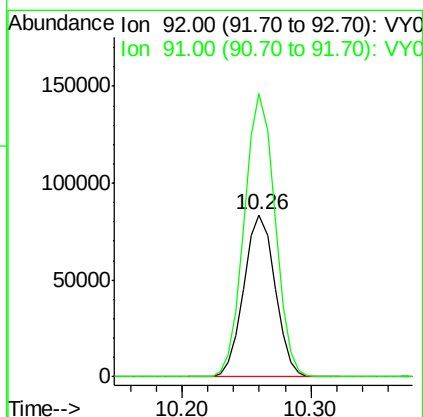
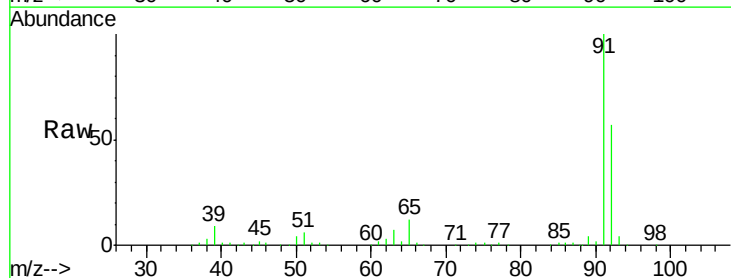
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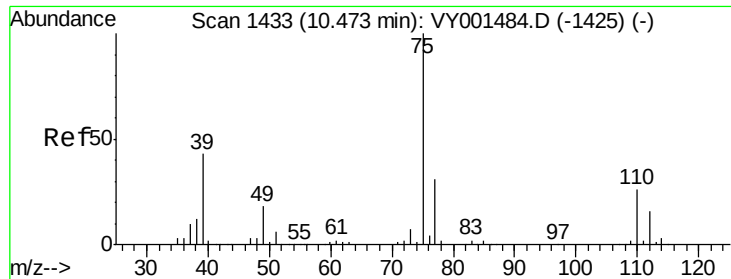
MMDadoda
2/6/2020 12:46:56 PM



#52
Toluene
Concen: 20.596 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion	92	91	Ratio	Lower	Upper
140452	100	171.3		136.6	204.8





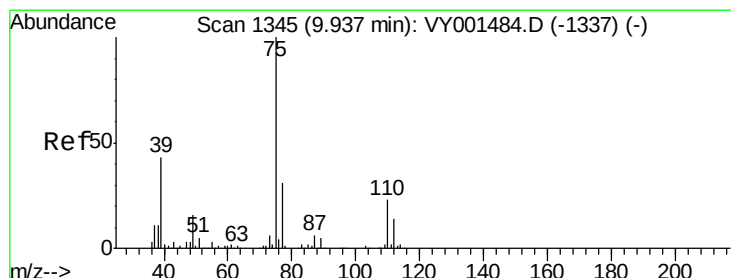
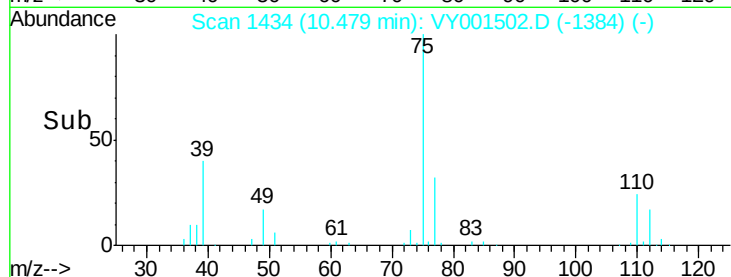
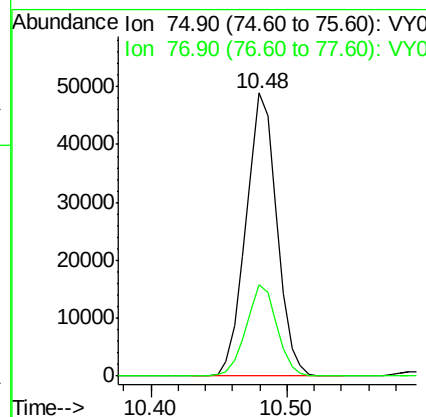
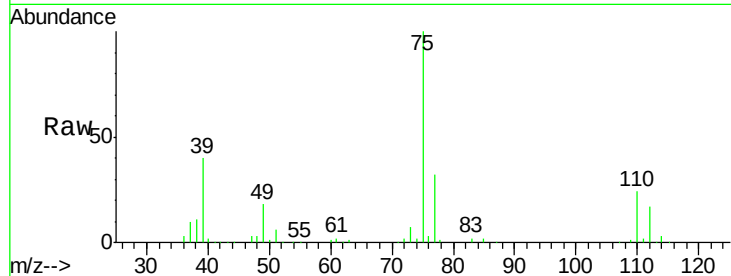
#53
t-1,3-Dichloropropene
Concen: 20.142 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion: 75 Resp: 77896
Ion Ratio Lower Upper
75 100
77 32.1 24.9 37.3

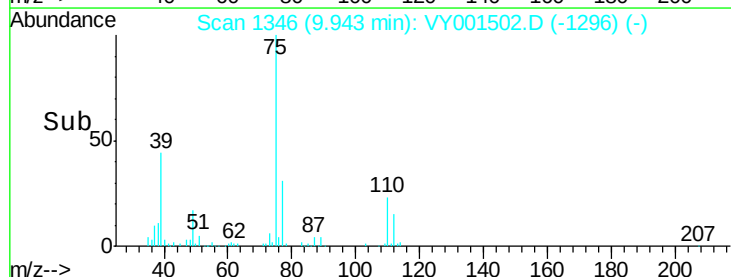
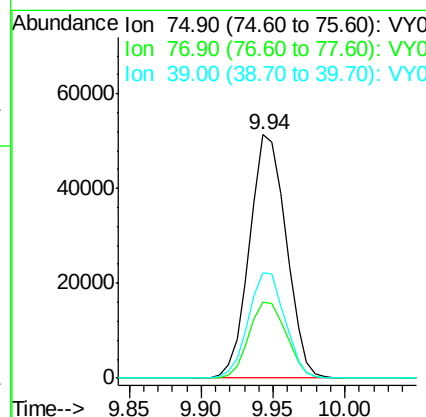
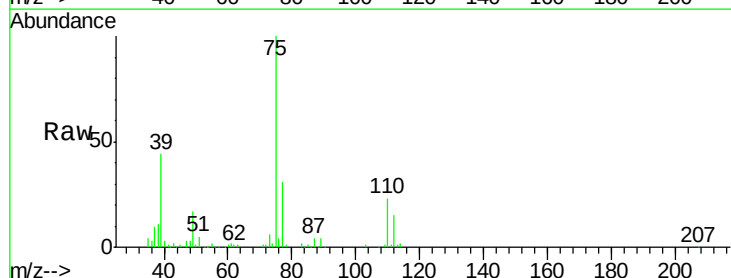
Manual Integrations
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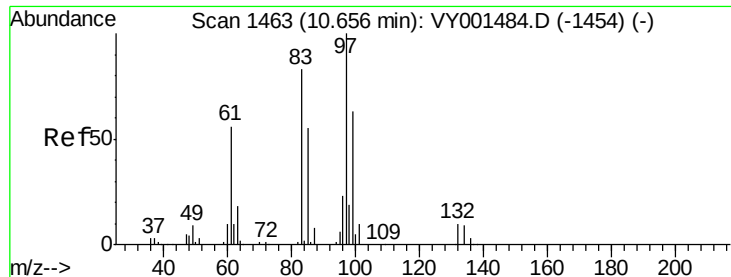
MMDadoda
2/6/2020 12:46:56 PM



#54
cis-1,3-Dichloropropene
Concen: 20.376 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion: 75 Resp: 90470
Ion Ratio Lower Upper
75 100
77 31.0 24.7 37.1
39 43.5 34.0 51.0





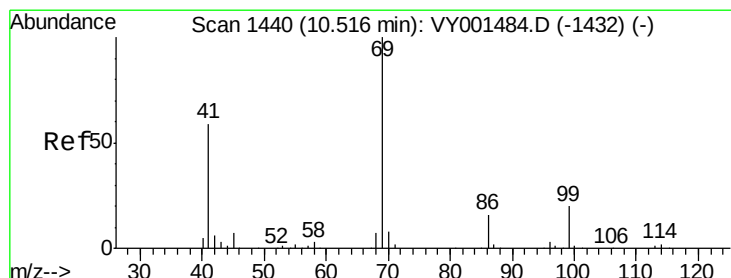
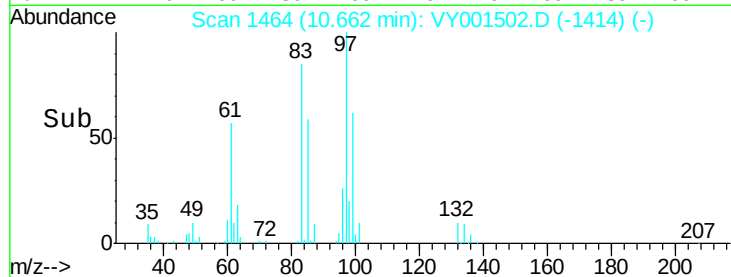
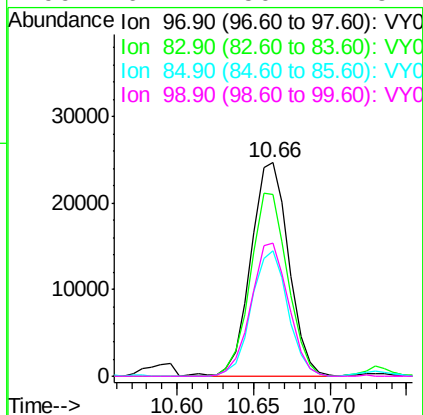
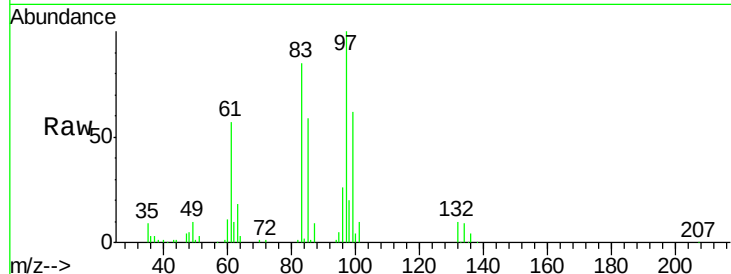
#55
 1,1,2-Trichloroethane
 Concen: 20.270 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

Tot Ion:	97	Resp:	42382
Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.2	99.2
85	59.2	43.8	65.6
99	62.7	50.1	75.1

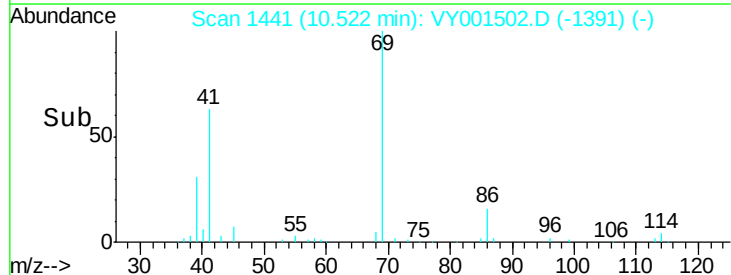
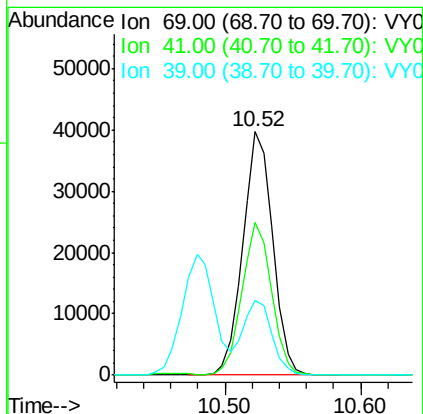
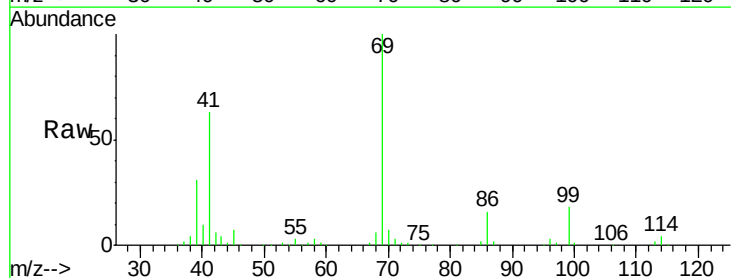
Manual Integrations
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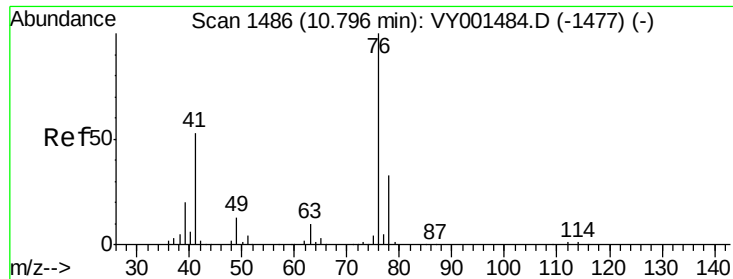
MMDadoda
 2/6/2020 12:46:56 PM



#56
 Ethyl methacrylate
 Concen: 20.502 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Tgt Ion:	69	Resp:	60971
Ion	Ratio	Lower	Upper
69	100		
41	62.1	47.8	71.8
39	30.0	24.4	36.6





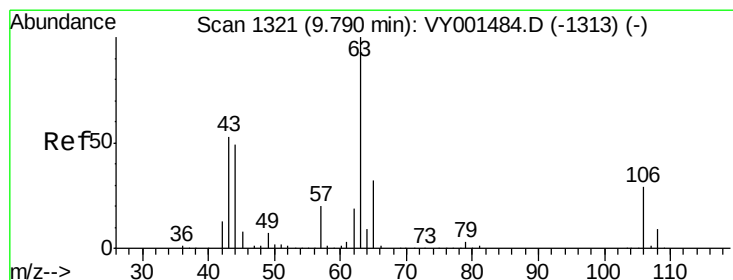
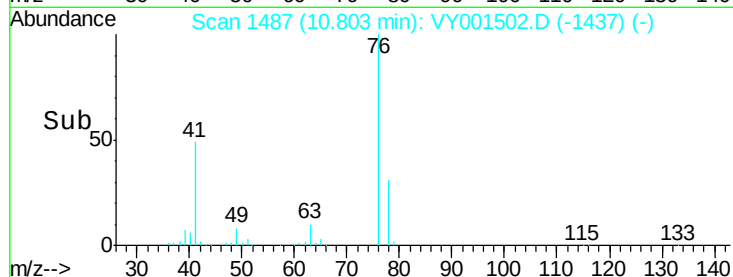
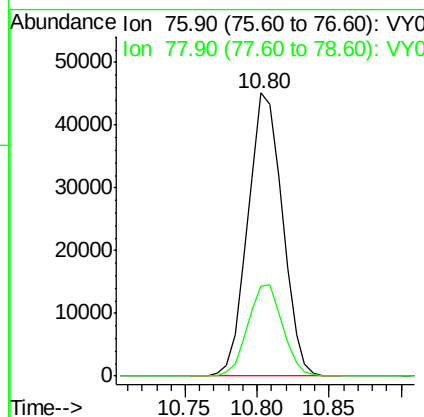
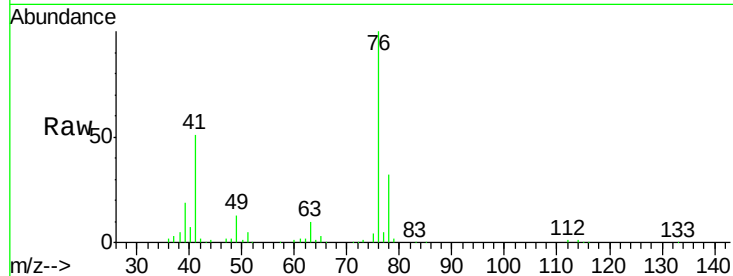
#57
 1,3-Dichloropropane
 Concen: 20.322 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

Tot Ion: 76 Resp: 74901
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5

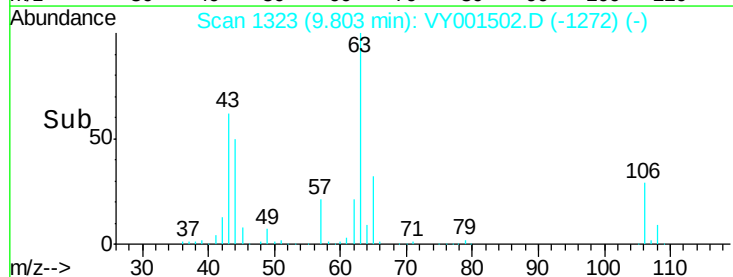
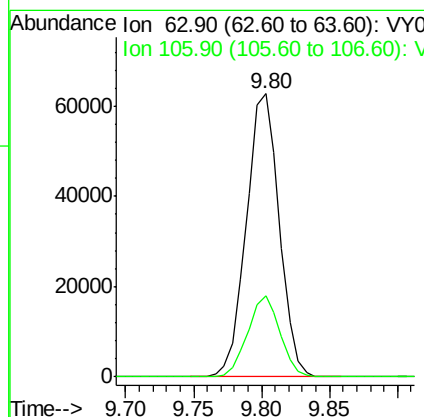
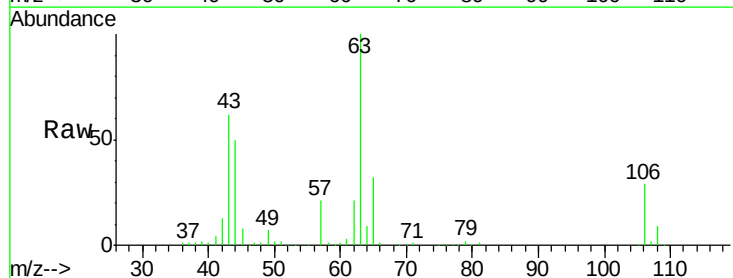
Manual Integrations
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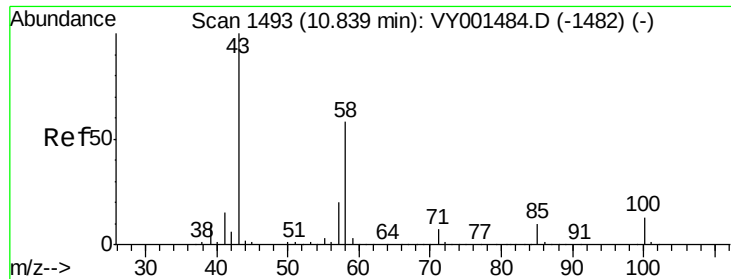
MMDadoda
 2/6/2020 12:46:56 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.293 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Tgt Ion: 63 Resp: 106440
 Ion Ratio Lower Upper
 63 100
 106 28.2 24.0 36.0





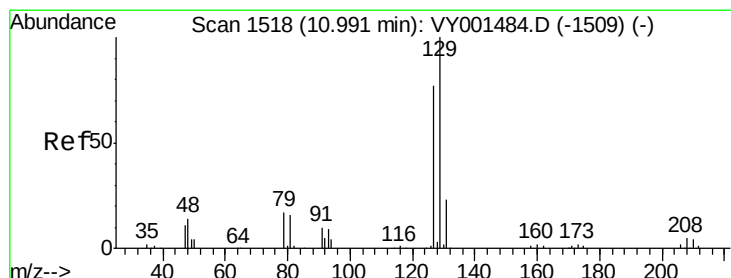
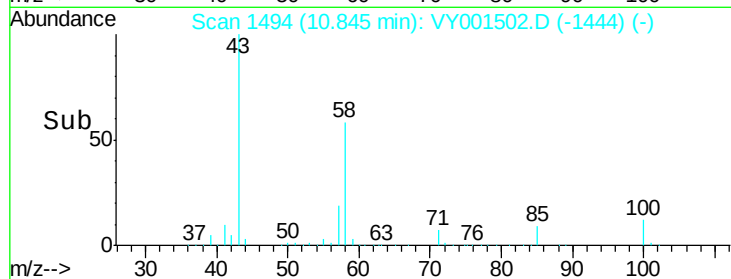
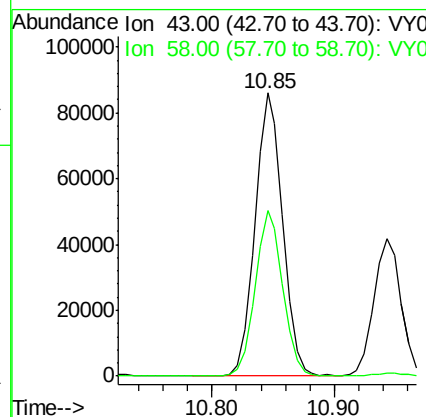
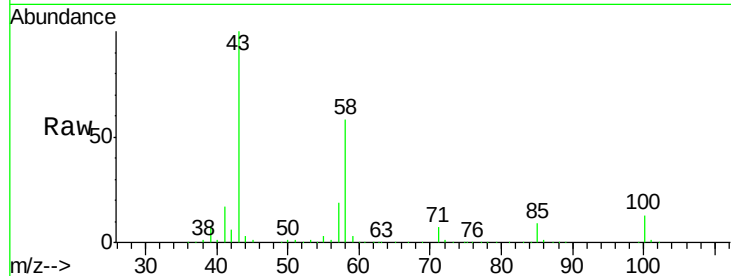
#59
2-Hexanone
Concen: 104.718 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.0	29.0	87.0

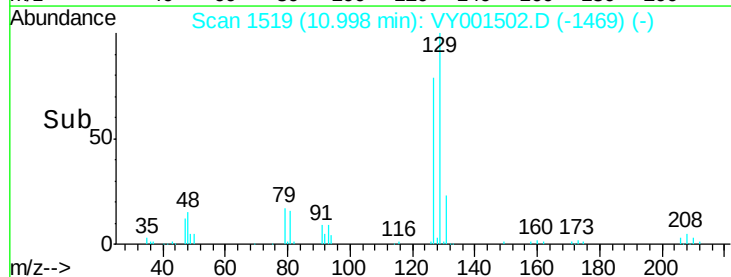
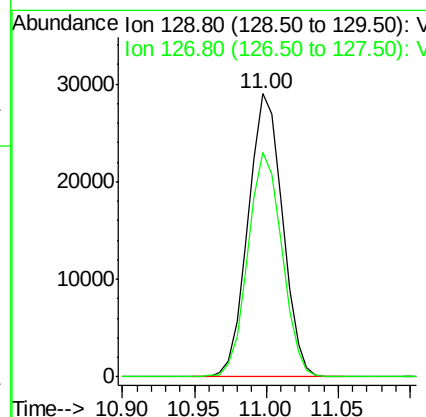
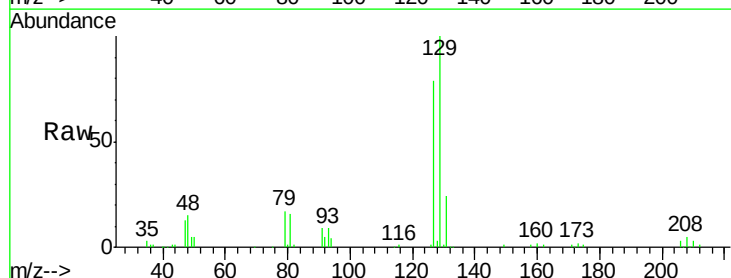
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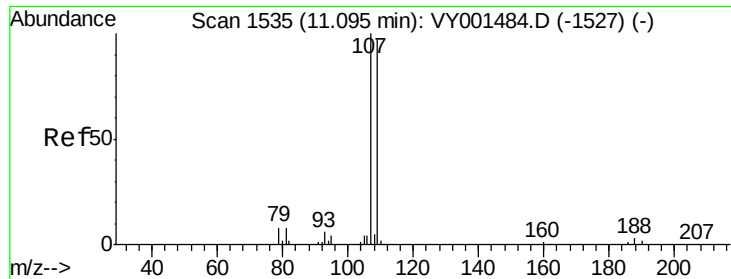
MMDadoda
2/6/2020 12:46:56 PM



#60
Dibromochloromethane
Concen: 19.425 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.9	116.6





#61

1,2-Dibromoethane

Concen: 19.872 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

Tot Ion: 107 Resp: 40923

Ion Ratio Lower Upper

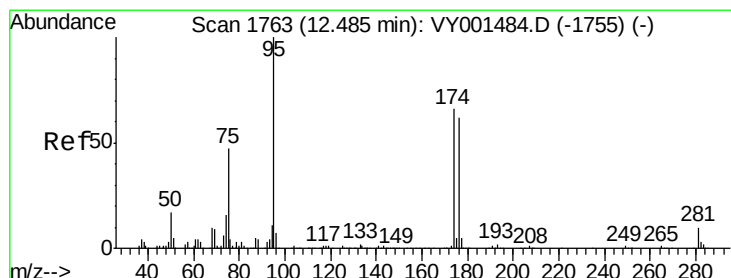
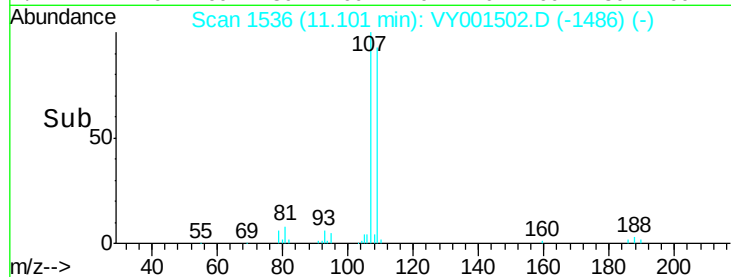
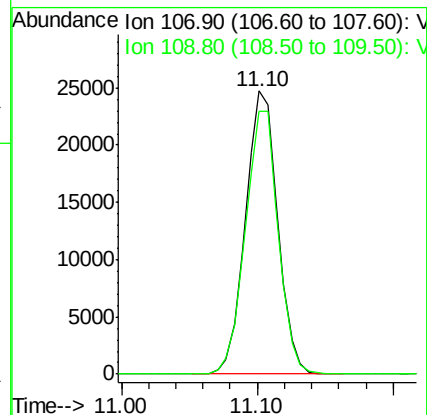
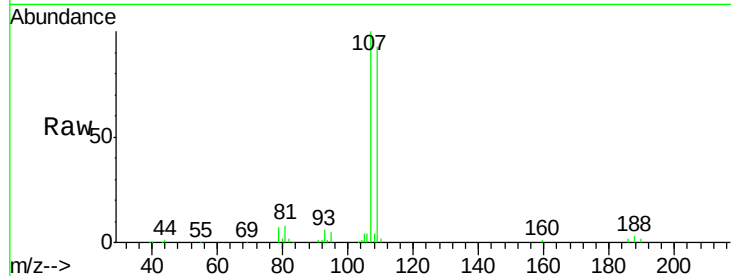
107 100

109 94.9 76.2 114.2

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 50.668 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

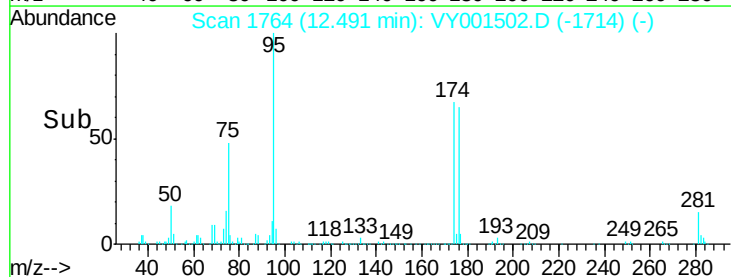
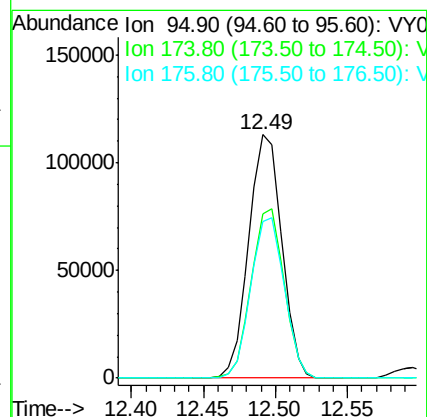
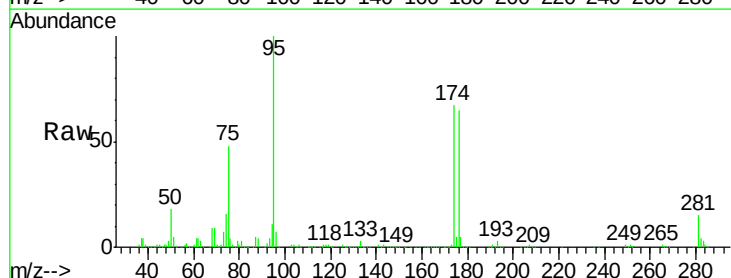
Tgt Ion: 95 Resp: 179366

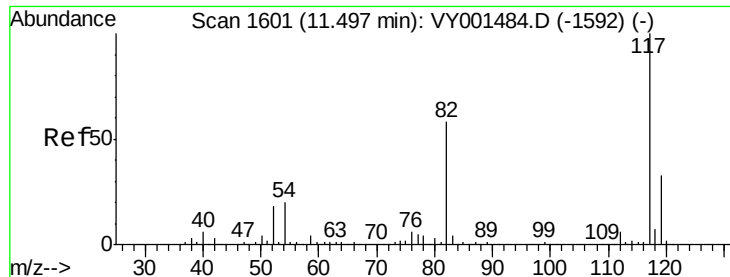
Ion Ratio Lower Upper

95 100

174 69.1 0.0 141.4

176 66.8 0.0 135.4





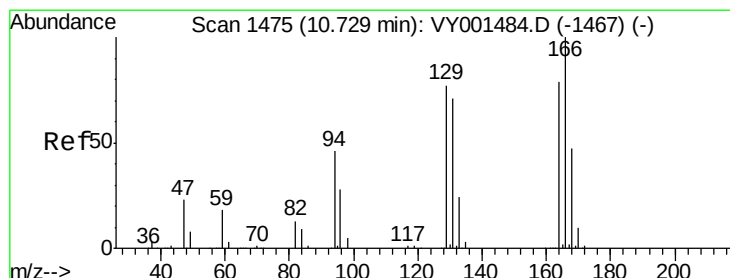
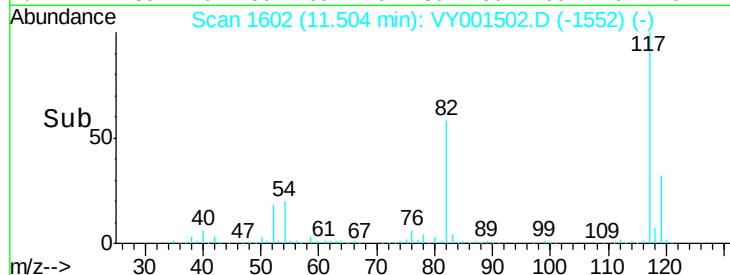
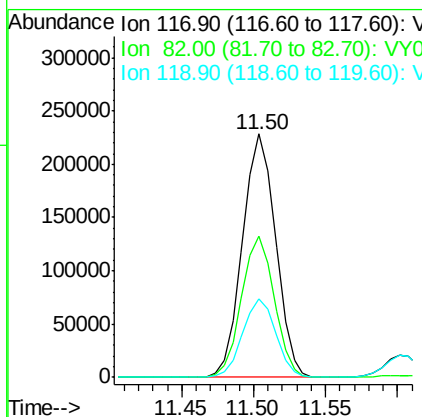
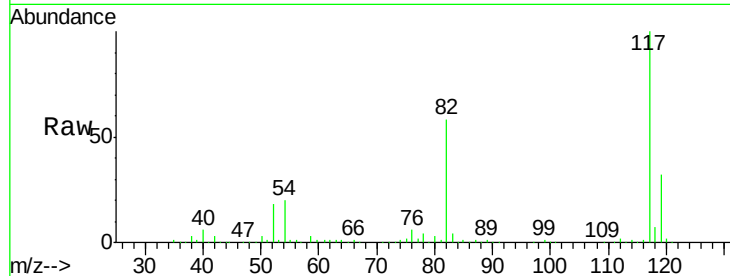
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.1	69.1
119	32.0	26.1	39.1

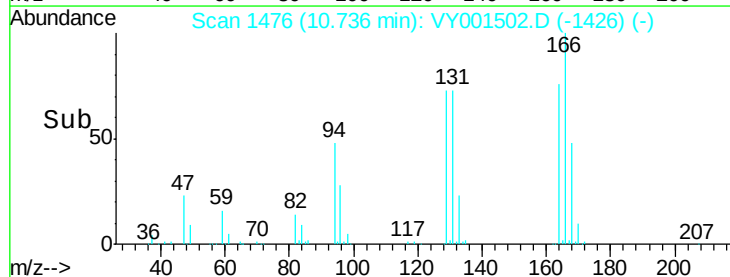
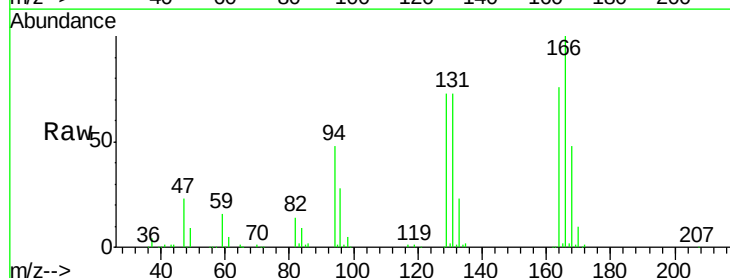
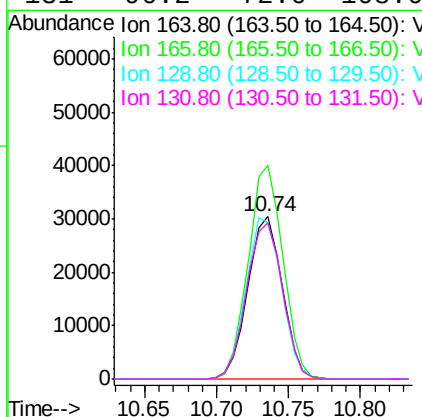
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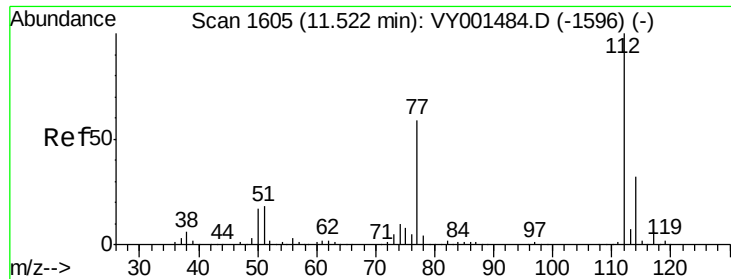
MMDadoda
2/6/2020 12:46:56 PM



#64
Tetrachloroethene
Concen: 21.115 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.9	100.8	151.2
129	96.7	77.8	116.6
131	96.2	72.0	108.0





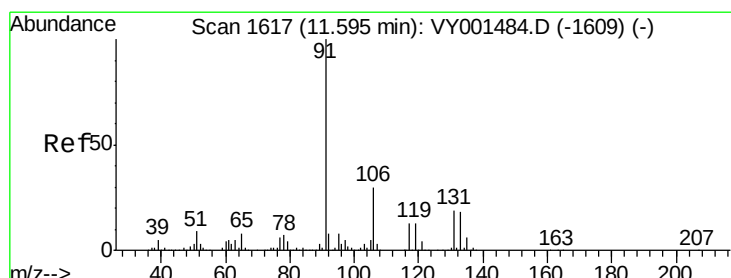
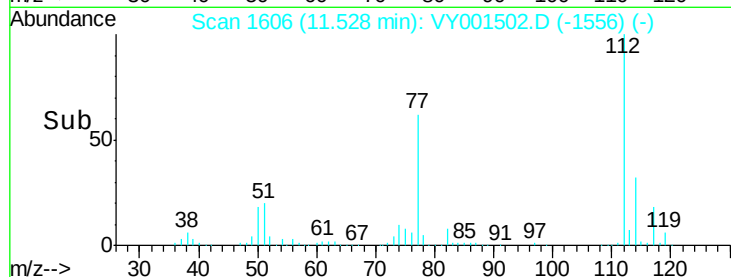
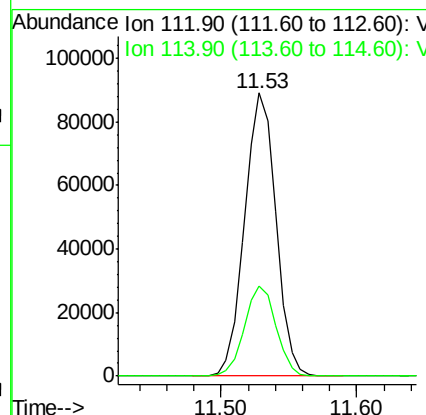
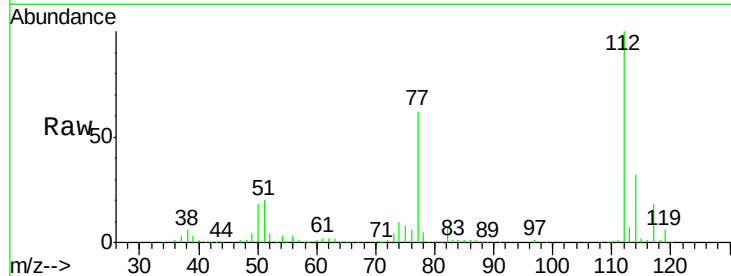
#65
Chlorobenzene
Concen: 20.026 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion:112 Resp: 143444
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

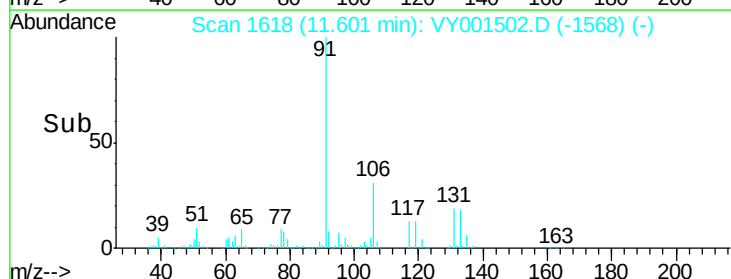
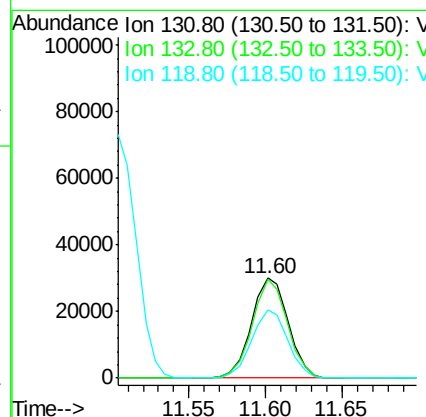
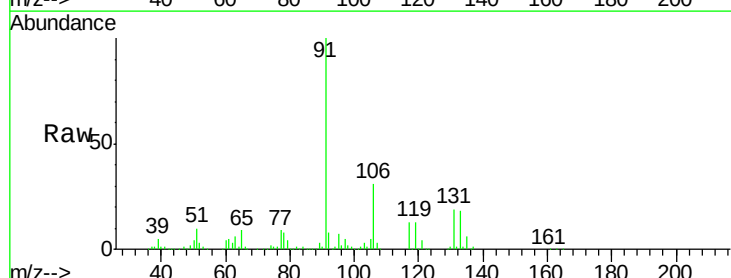
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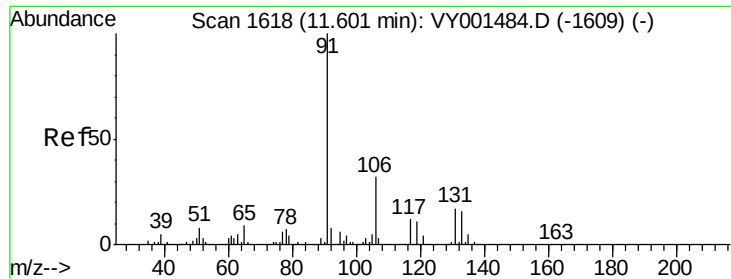
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.935 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion:131 Resp: 49975
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.8
119 67.6 33.7 101.0





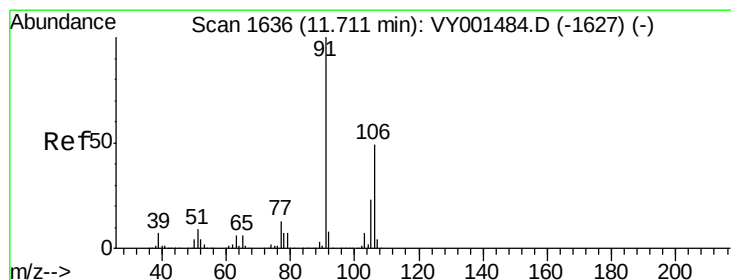
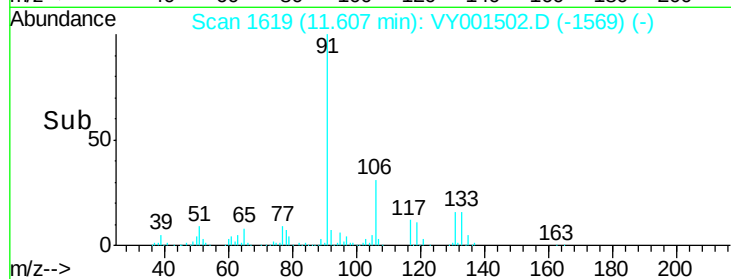
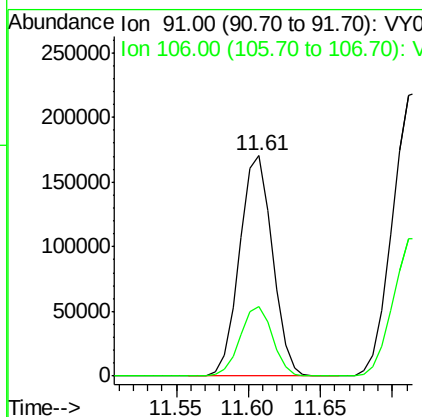
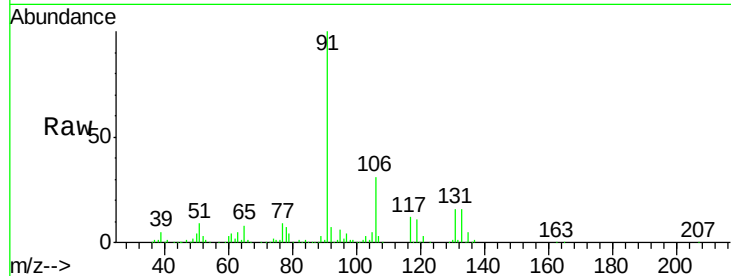
#67
Ethyl Benzene
Concen: 20.404 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.3	37.9

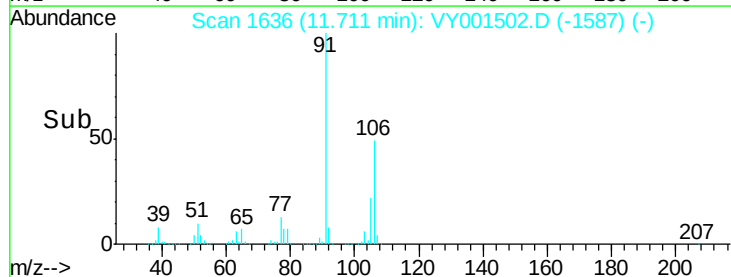
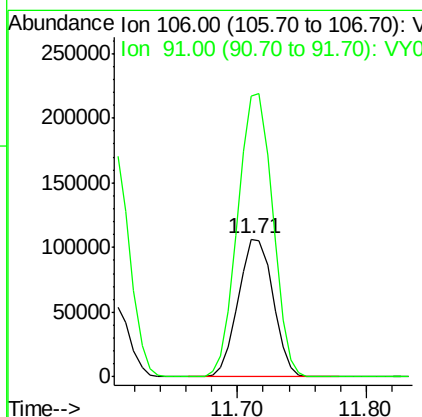
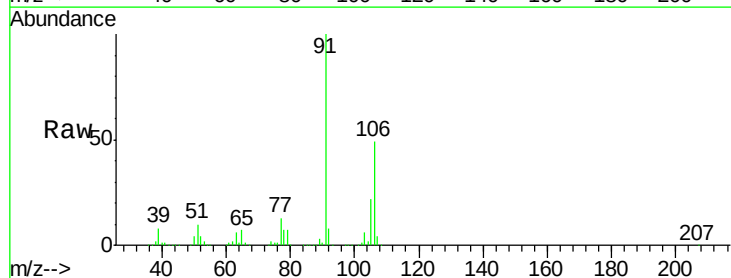
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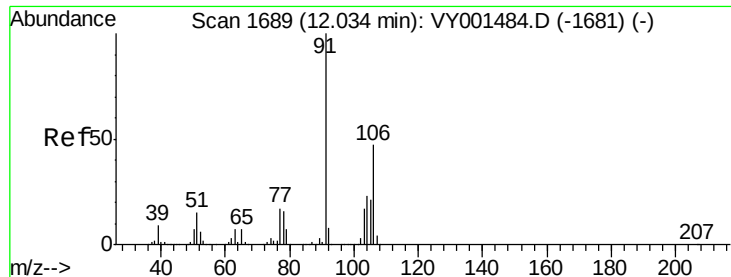
MMDadoda
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#68
m/p-Xylenes
Concen: 40.373 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.1	163.6	245.4





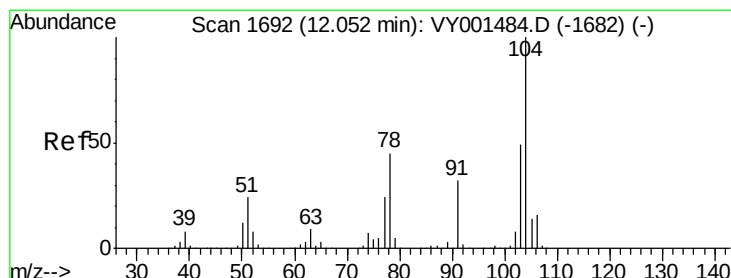
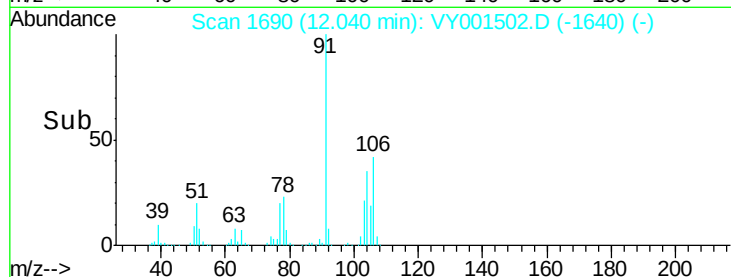
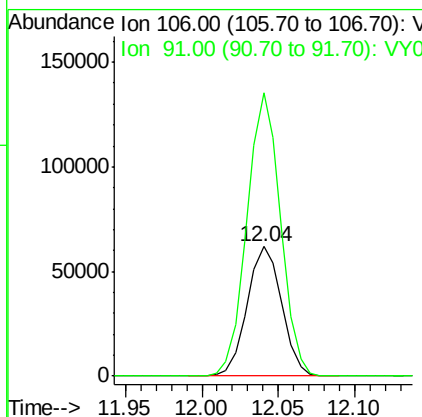
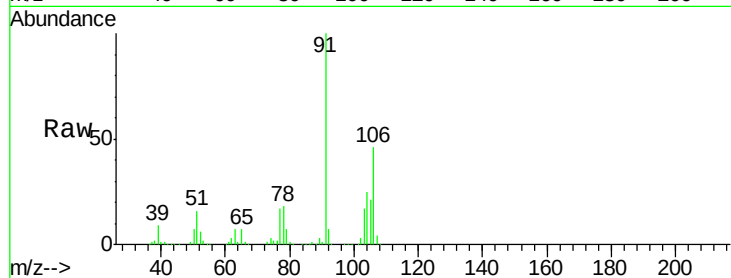
#69
o-Xylene
Concen: 20.704 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	97053		
91	91	212.3	106.0	318.0	

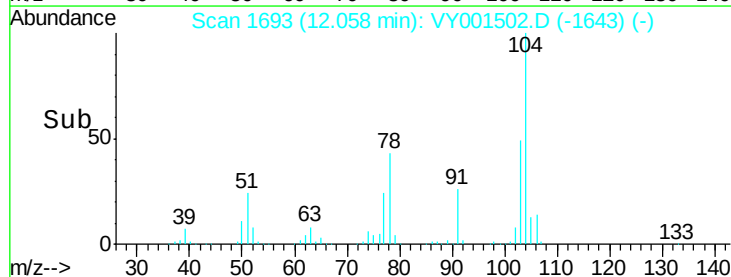
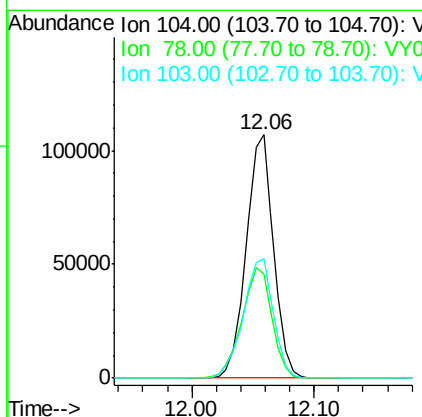
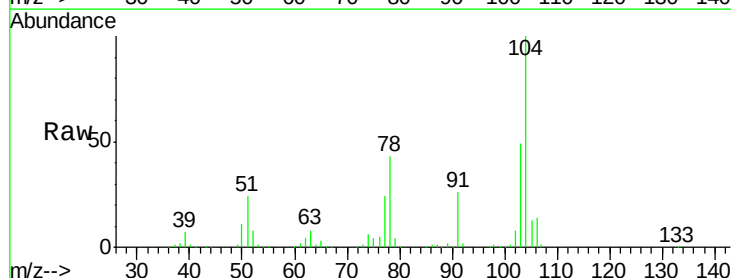
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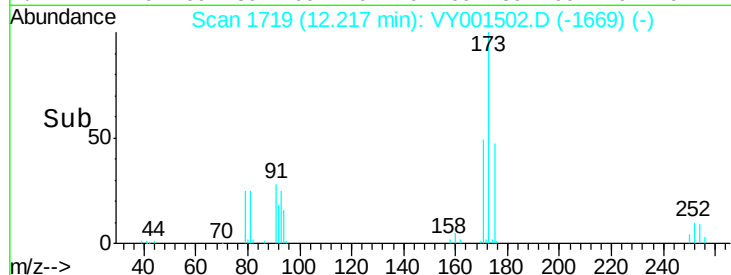
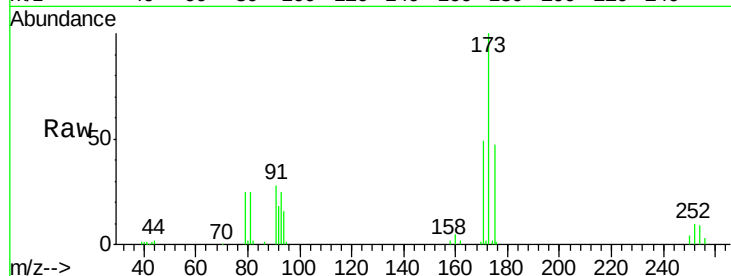
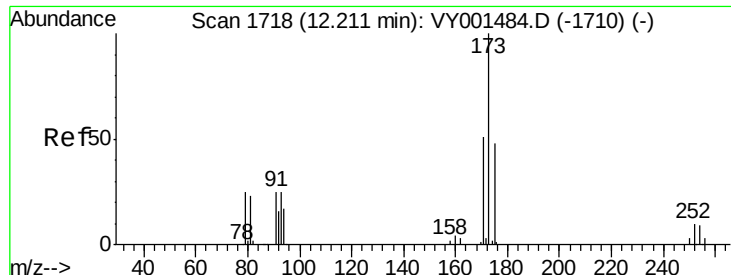
MMDadoda
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#70
Styrene
Concen: 20.456 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	165825		
78	78	50.1	40.4	60.6	
103	103	54.0	42.8	64.2	





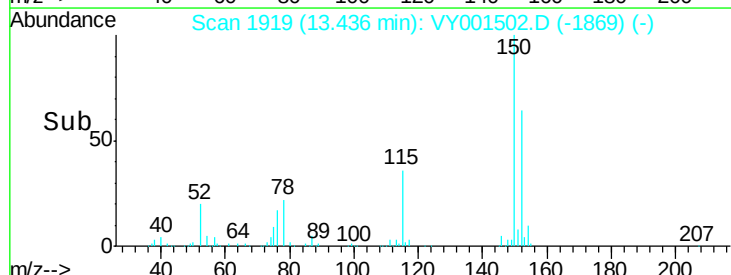
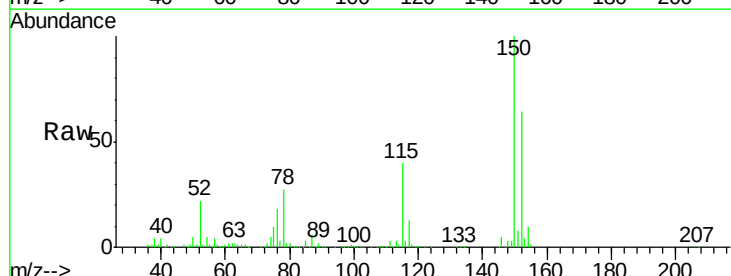
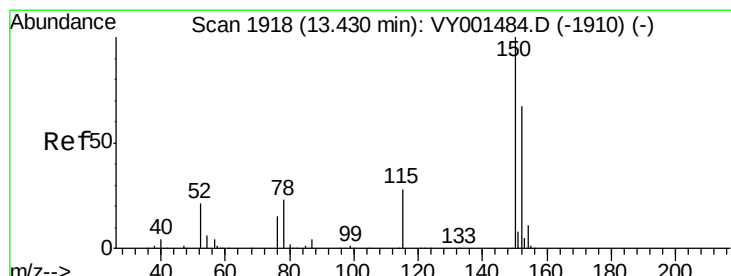
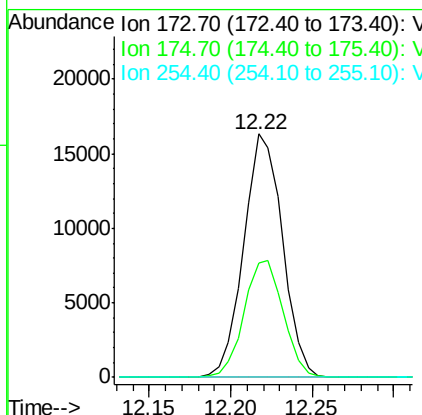
#71
Bromoform
Concen: 19.345 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.0	72.0
254	0.0	0.1	0.1

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

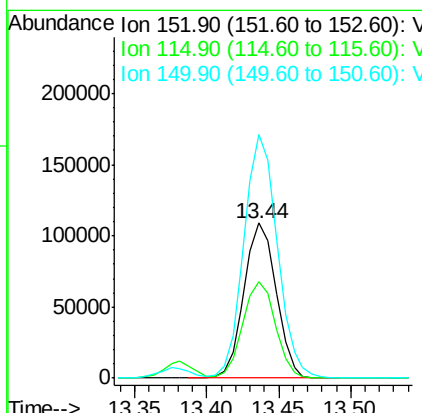
Manual Integrations
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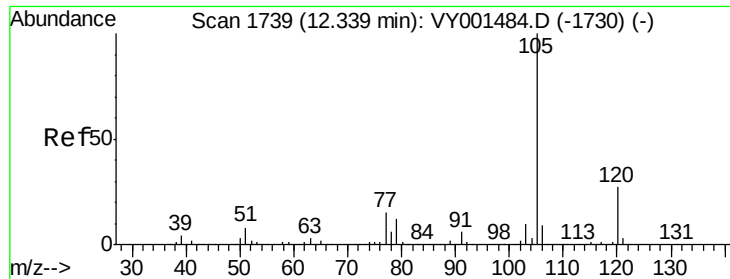
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.4	94.3
150	163.1	0.0	346.8





#73

Isopropylbenzene

Concen: 20.148 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

Tot Ion:105 Resp: 259329

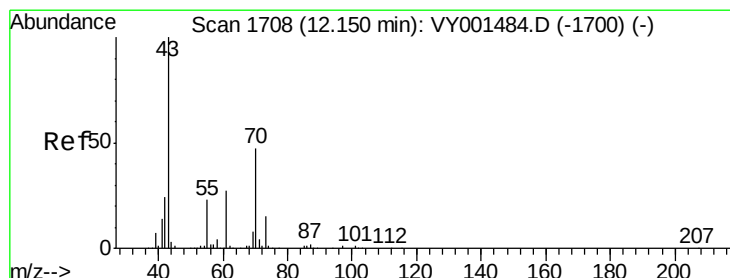
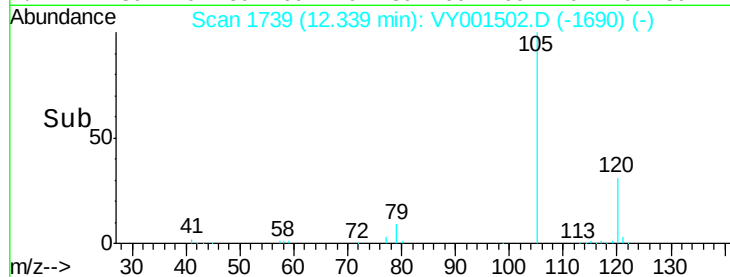
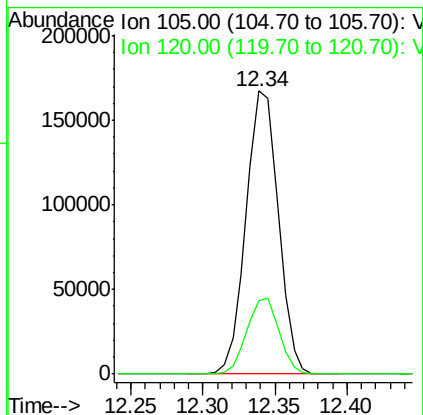
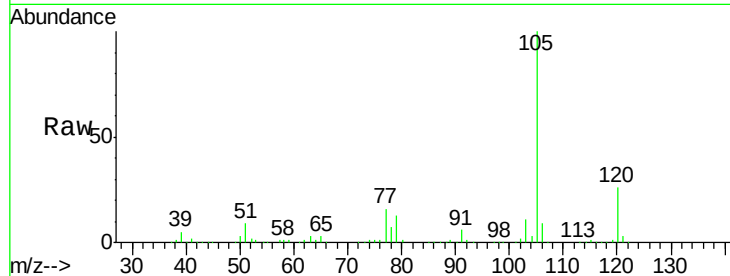
Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9

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#74

N-ethyl acetate

Concen: 20.641 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Tgt Ion: 43 Resp: 69039

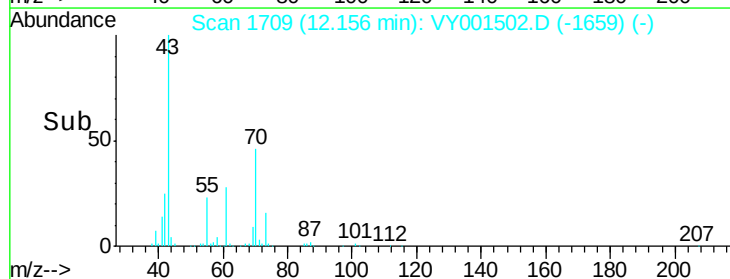
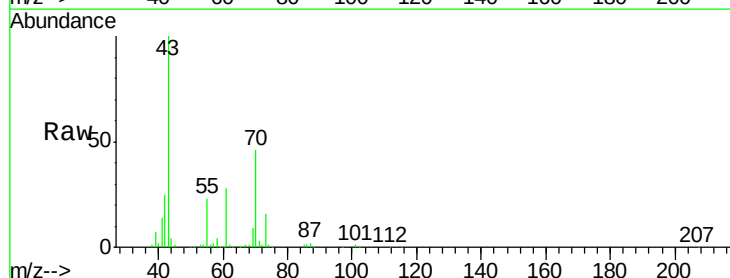
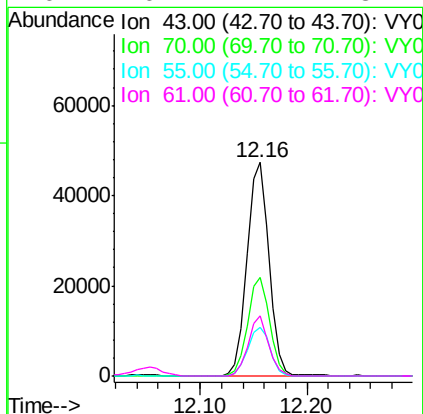
Ion Ratio Lower Upper

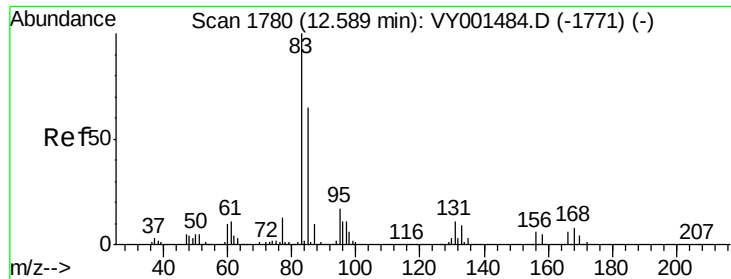
43 100

70 45.7 37.2 55.8

55 23.4 18.8 28.2

61 26.1 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.549 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Instrument :

MSVOA_Y

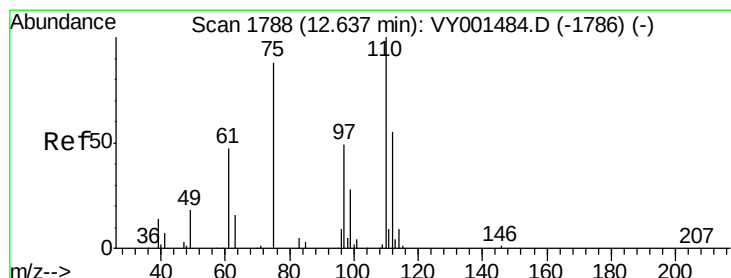
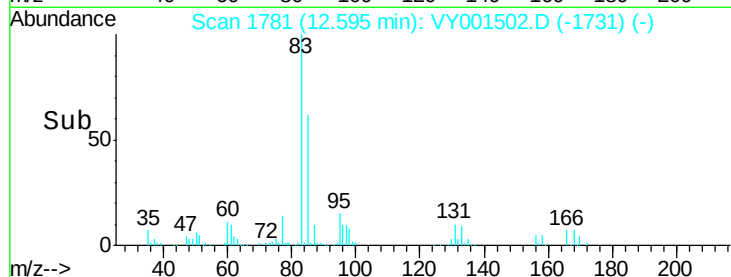
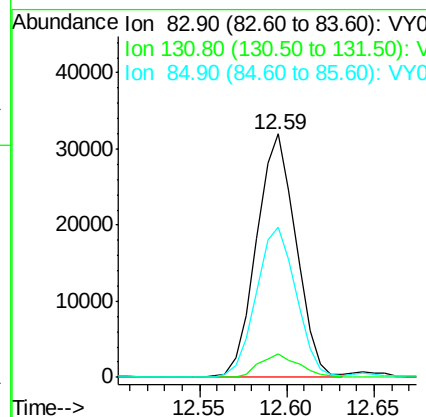
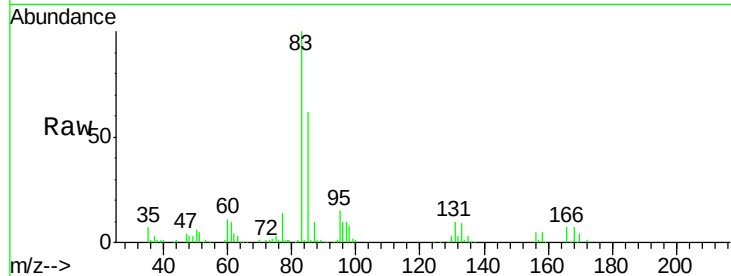
ClientSampleId :

VY0205SBS01

Tot Ion:	83	Resp:	50251
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.4	16.2
85	62.7	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.665 ug/l m

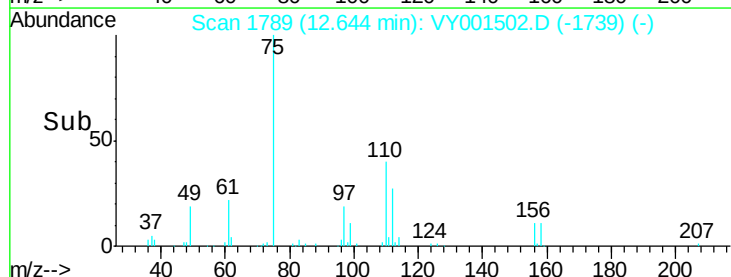
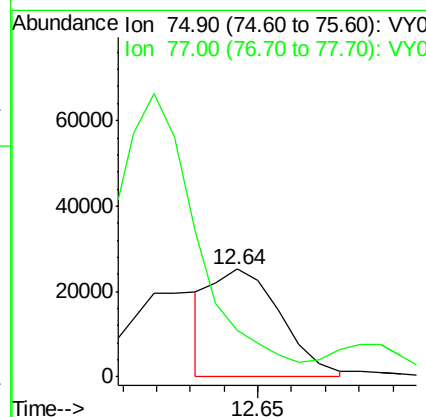
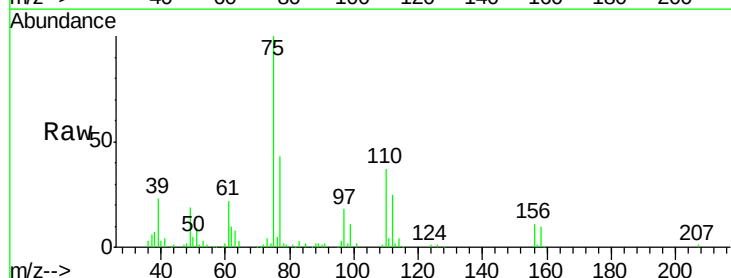
RT: 12.64 min Scan# 1789

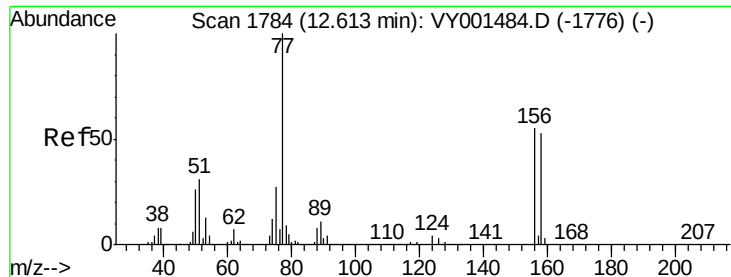
Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Tgt Ion:	75	Resp:	35691
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.797 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Instrument :

MSVOA_Y

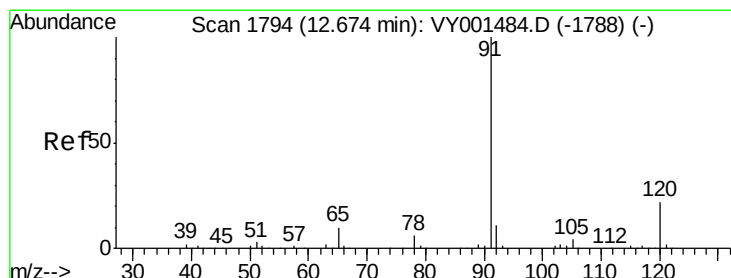
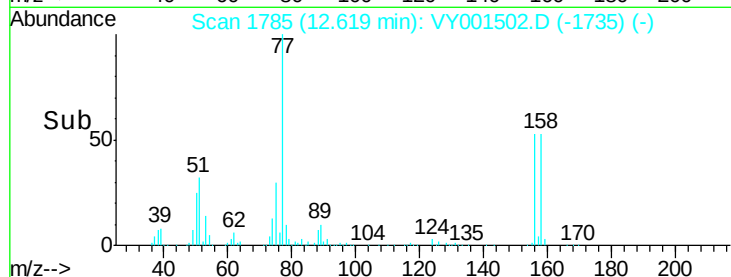
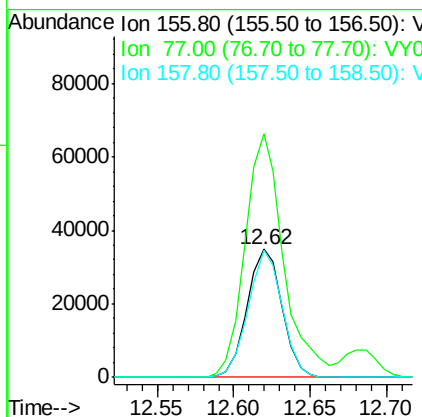
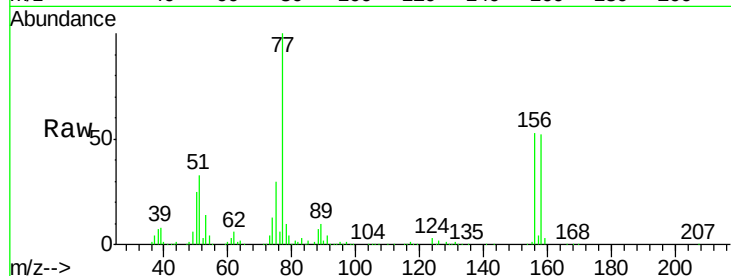
ClientSampleId :

VY0205SBS01

Tot Ion:	156	Resp:	55146
Ion Ratio	Lower	Upper	
156	100		
77	209.5	99.8	299.3
158	96.3	47.5	142.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.581 ug/l

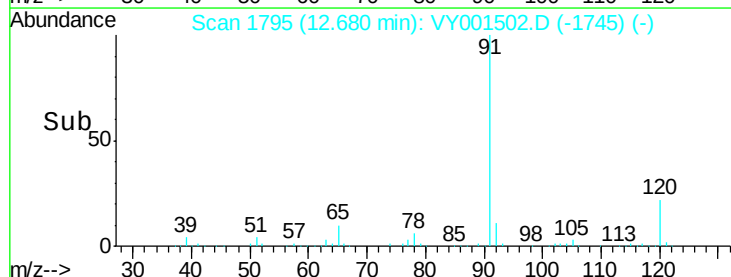
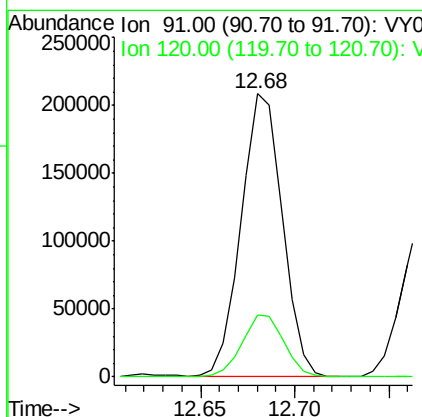
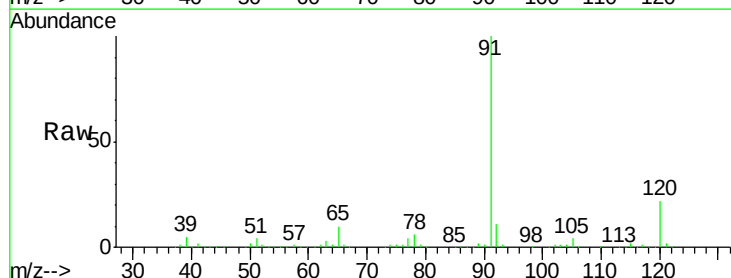
RT: 12.68 min Scan# 1795

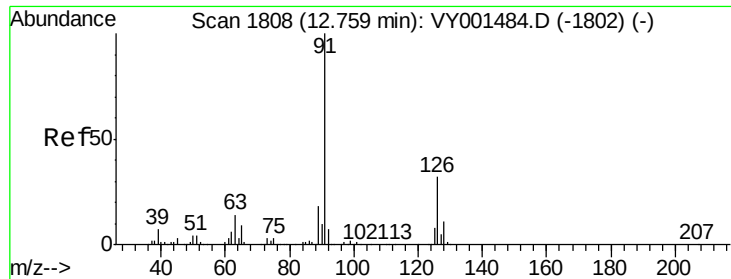
Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Tgt Ion:	91	Resp:	317130
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.4	34.2





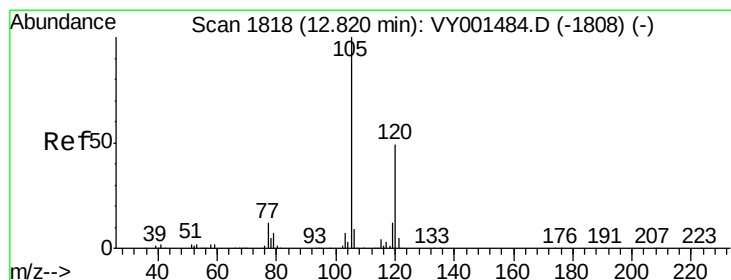
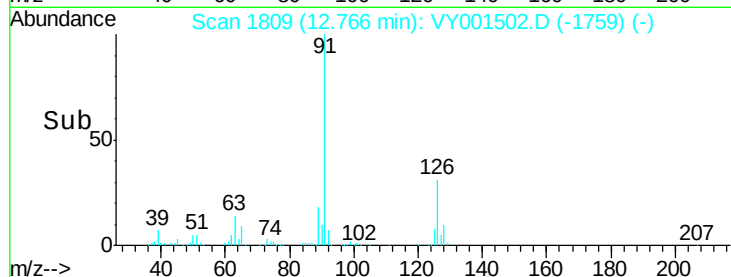
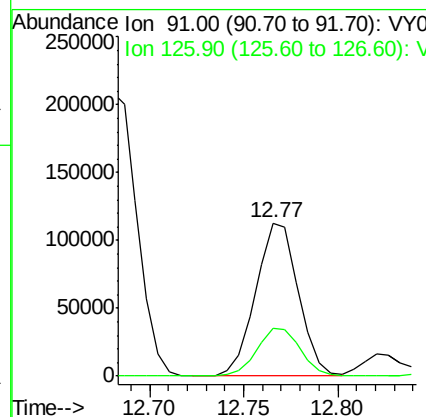
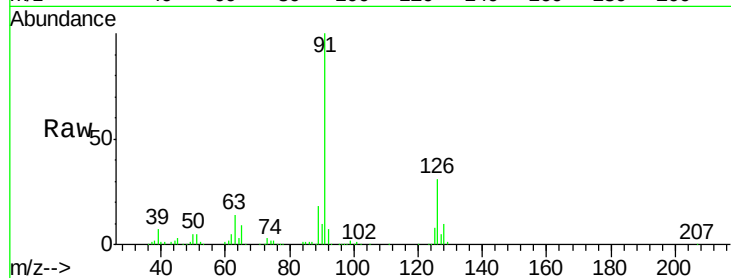
#79
 2-Chlorotoluene
 Concen: 20.188 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

Tot Ion: 91 Resp: 177323
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.4 49.2

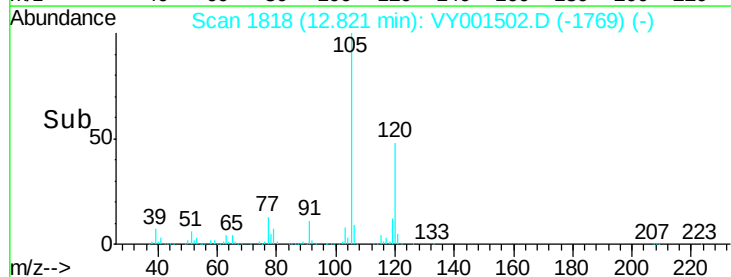
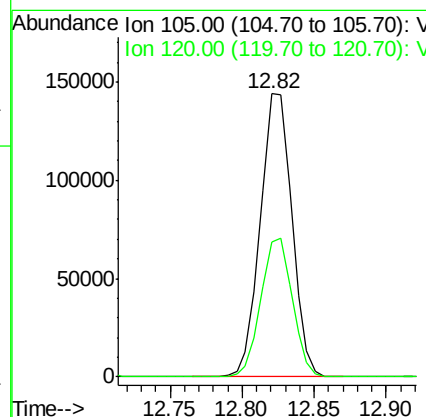
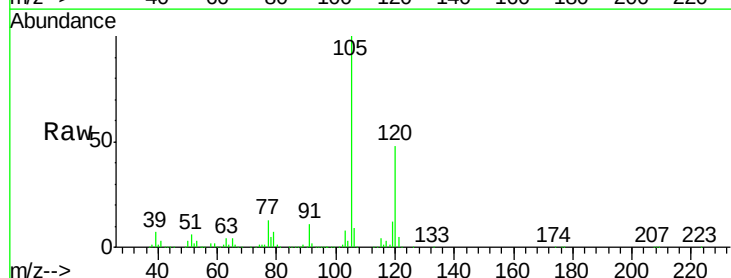
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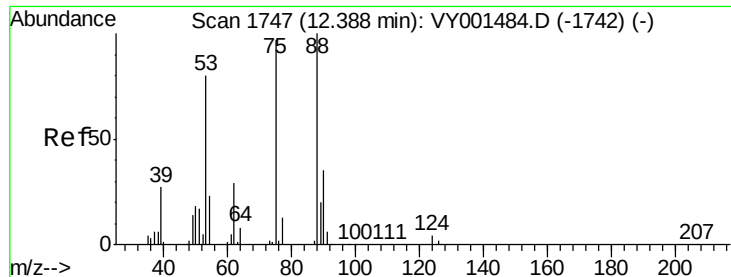
MMDadoda
 2/6/2020 12:46:56 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.141 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Tgt Ion: 105 Resp: 218327
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 20.251 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Instrument :

MSVOA_Y

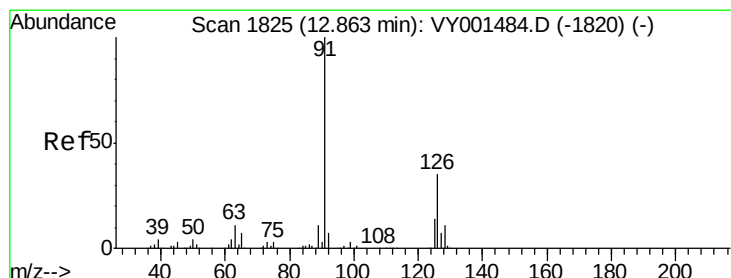
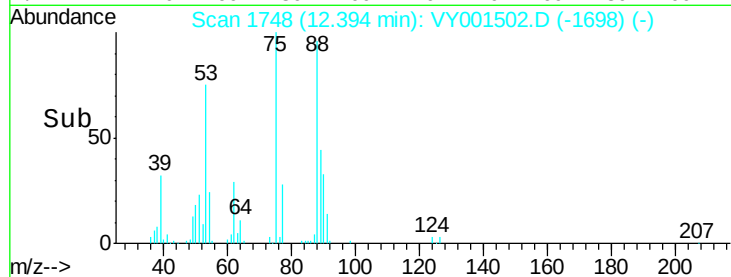
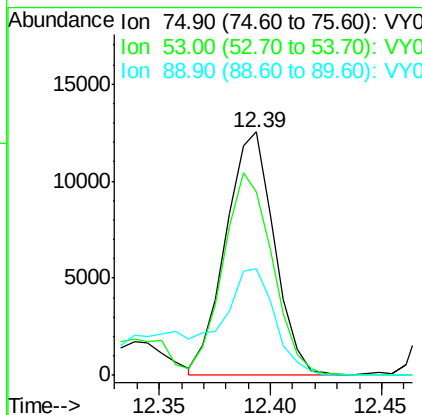
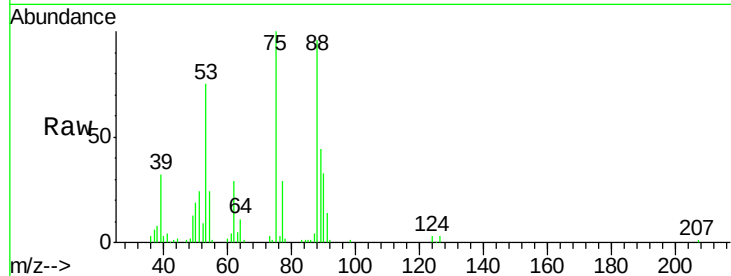
ClientSampleId :

VY0205SBS01

Tot Ion:	75	Resp:	18995
Ion Ratio	Lower	Upper	
75	100		
53	84.6	67.7	101.5
89	47.9	34.6	52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.337 ug/l

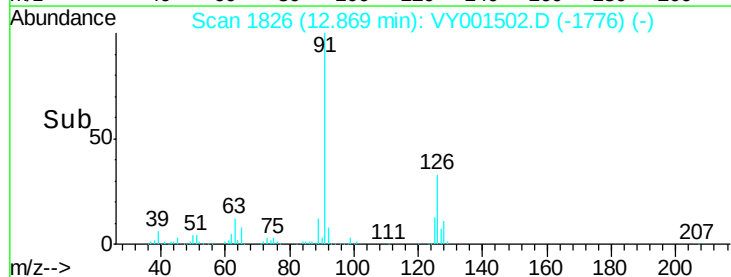
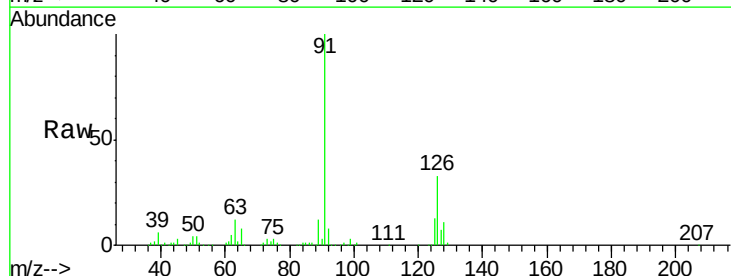
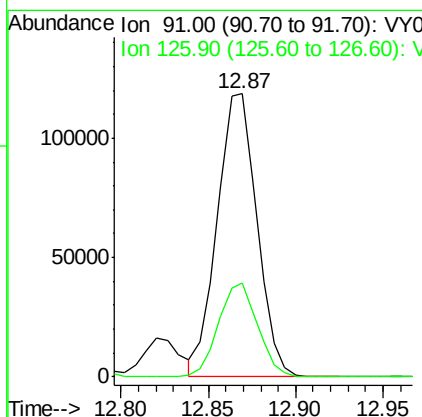
RT: 12.87 min Scan# 1826

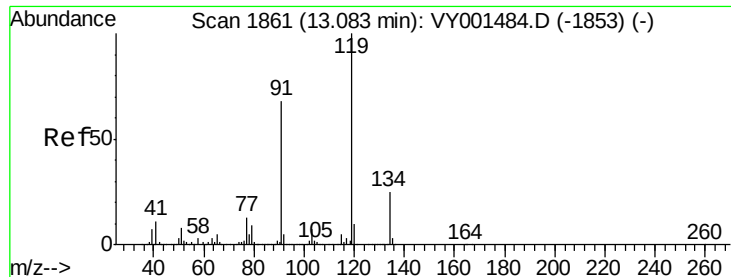
Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Tgt Ion:	91	Resp:	187283
Ion Ratio	Lower	Upper	
91	100		
126	32.8	16.5	49.5





#83

tert-Butylbenzene

Concen: 20.233 ug/l

RT: 13.09 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Instrument :

MSVOA_Y

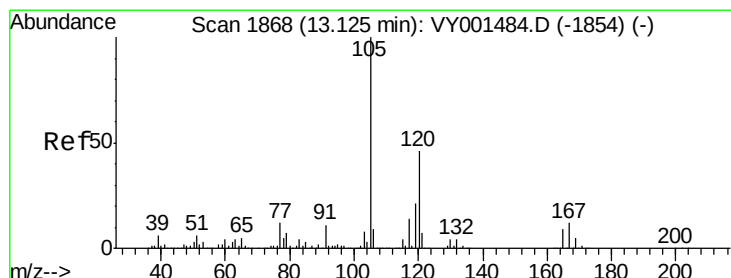
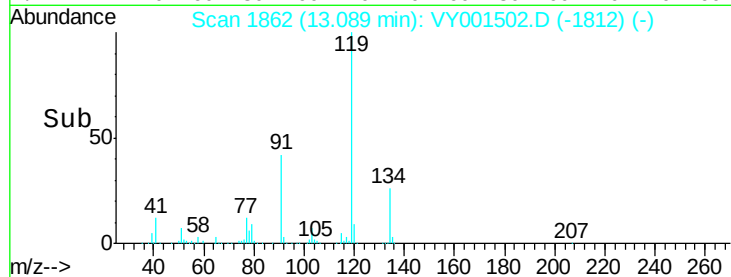
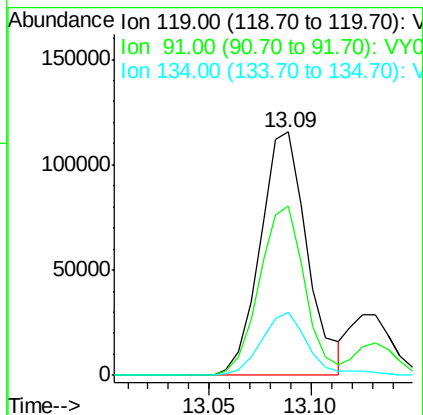
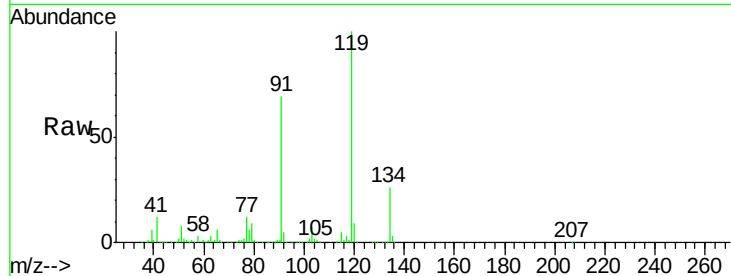
ClientSampleId :

VY0205SBS01

Tot Ion:	119	Resp:	185386
Ion Ratio	Lower	Upper	
119	100		
91	67.2	33.1	99.3
134	25.9	13.0	39.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.196 ug/l

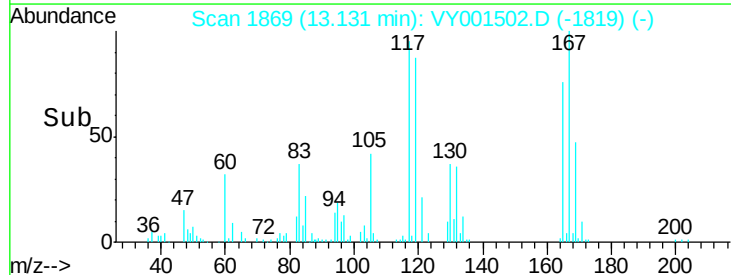
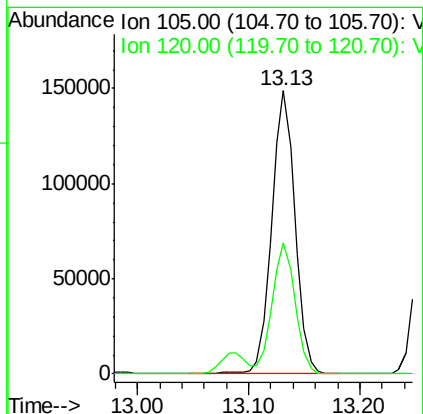
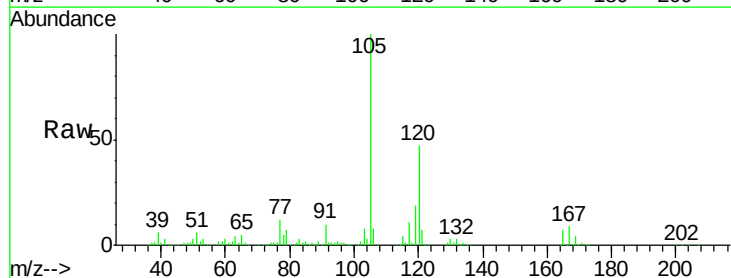
RT: 13.13 min Scan# 1869

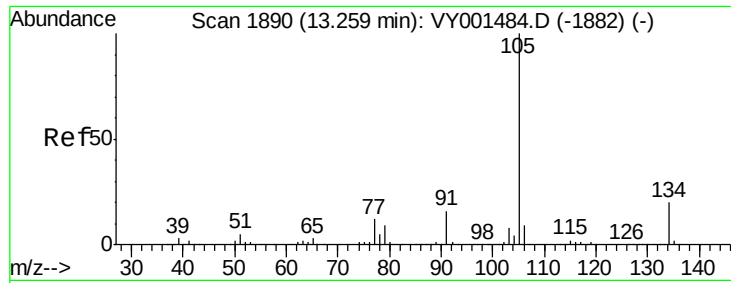
Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Tgt Ion:	105	Resp:	216679
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.4	67.0





#85

sec-Butylbenzene

Concen: 20.582 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

Tot Ion:105 Resp: 265142

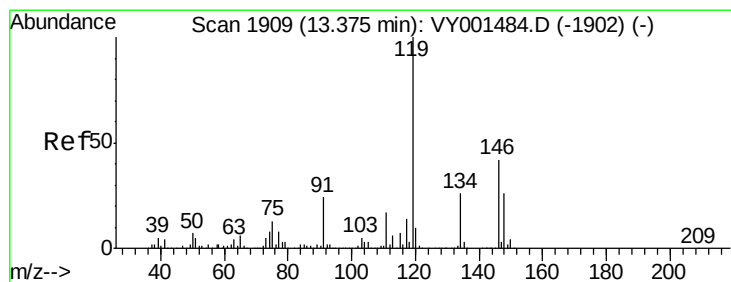
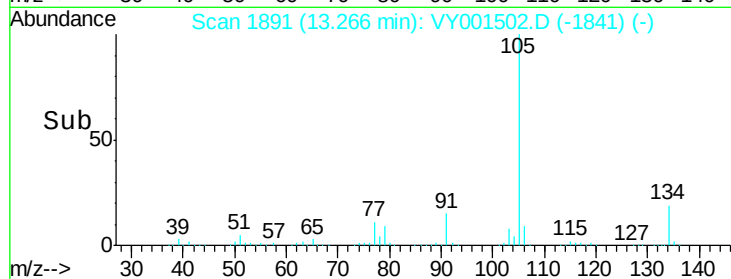
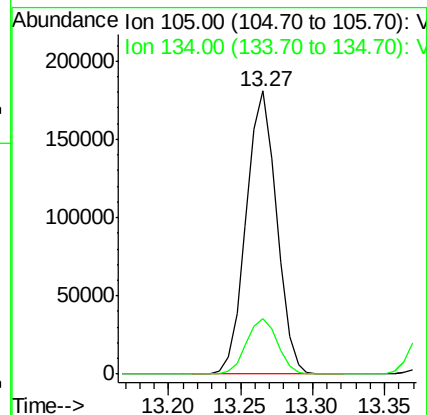
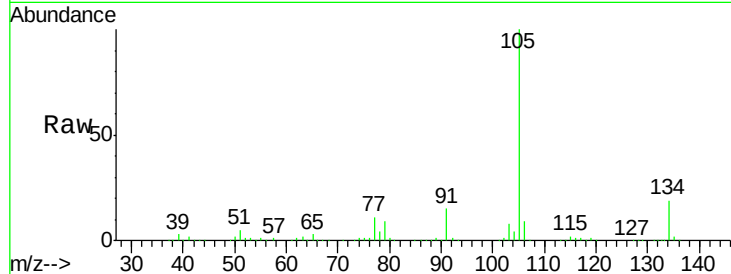
Ion Ratio Lower Upper

105 100

134 19.9 10.0 29.8

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#86

p-Isopropyltoluene

Concen: 20.373 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001502.D

Acq: 05 Feb 2020 13:07

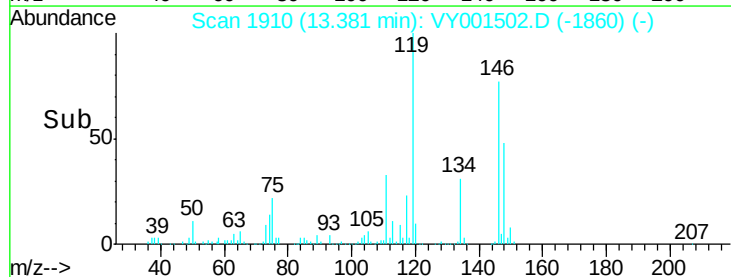
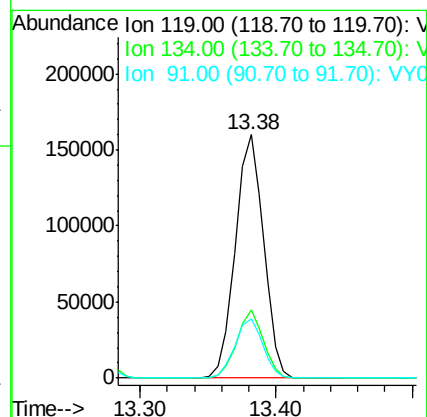
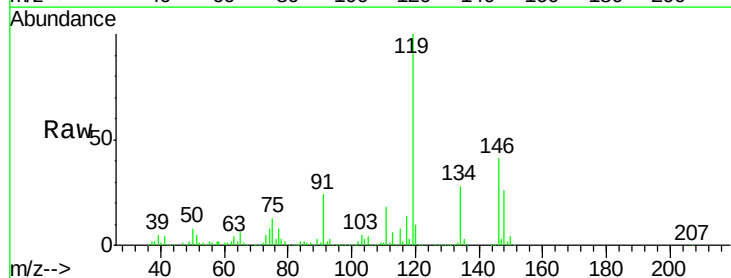
Tgt Ion:119 Resp: 231279

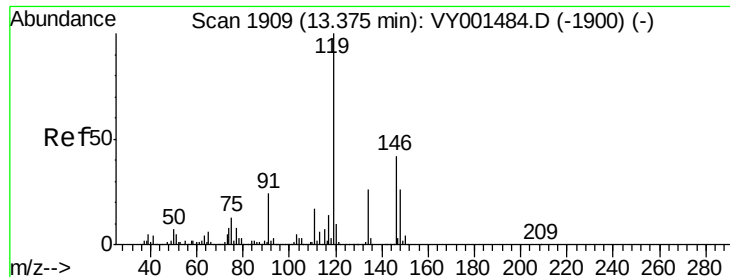
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 24.3 12.2 36.6





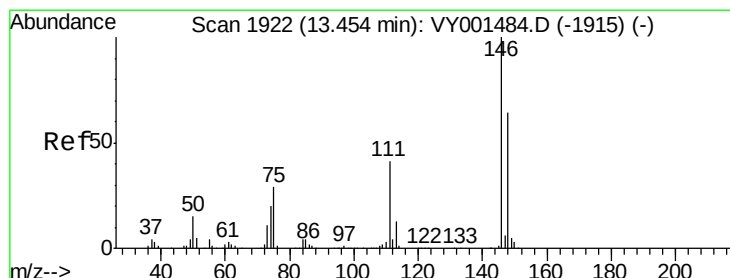
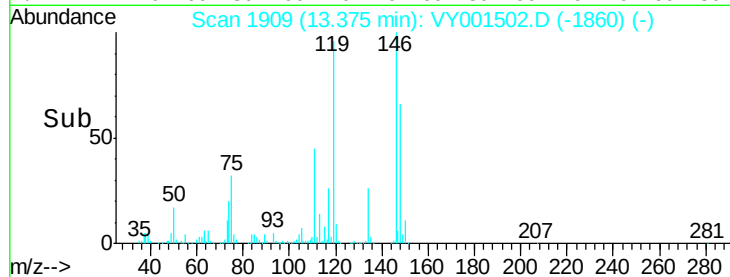
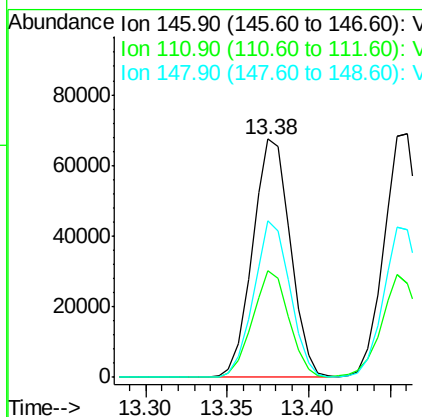
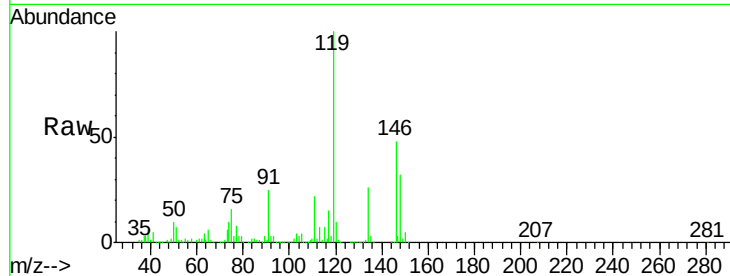
#87
 1,3-Dichlorobenzene
 Concen: 20.225 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	107966		
111	43.1	21.3	63.9	
148	63.3	31.9	95.7	

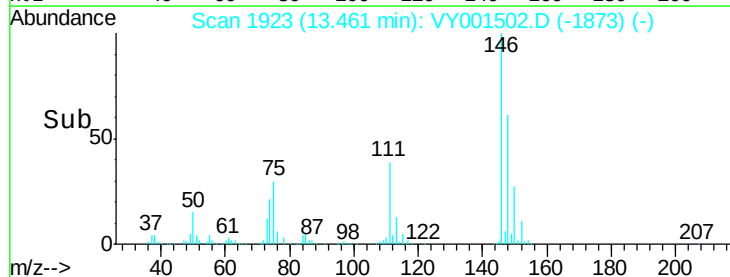
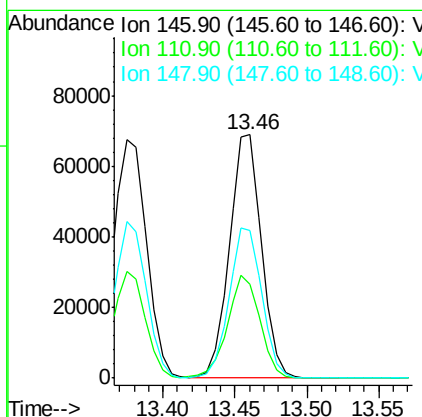
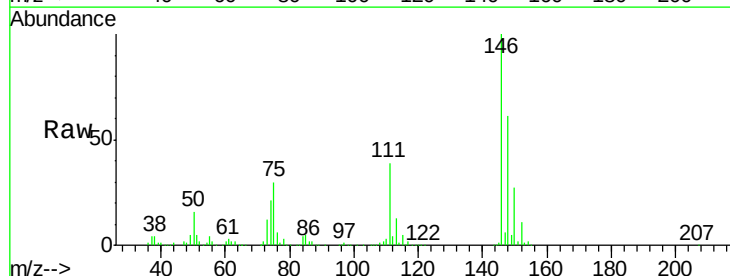
Manual Integrations
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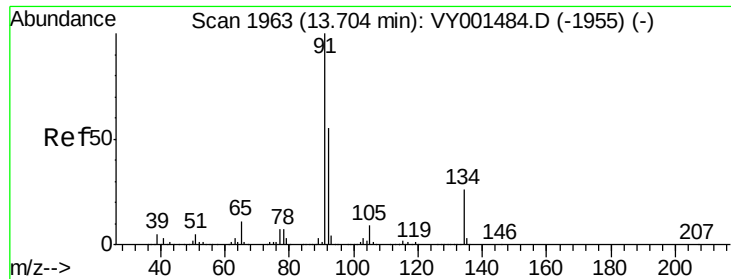
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#88
 1,4-Dichlorobenzene
 Concen: 20.017 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	107052		
111	43.1	20.7	62.1	
148	63.2	32.1	96.5	





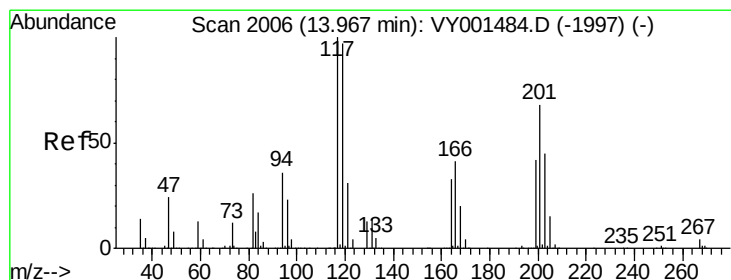
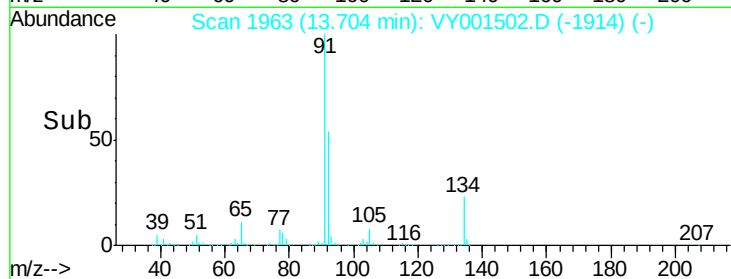
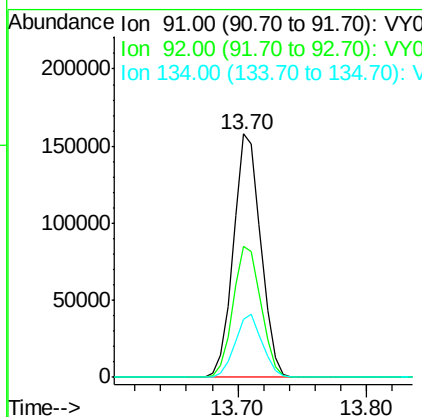
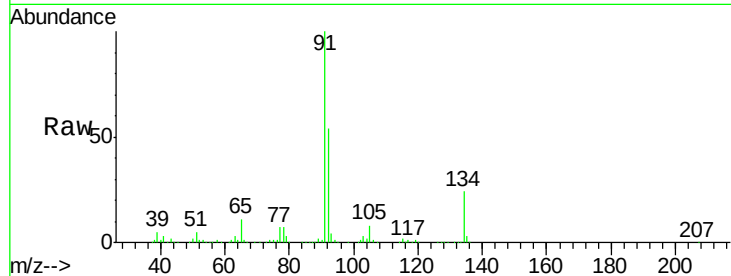
#89
n-Butylbenzene
Concen: 20.754 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.3	81.9
134	25.3	13.0	38.9

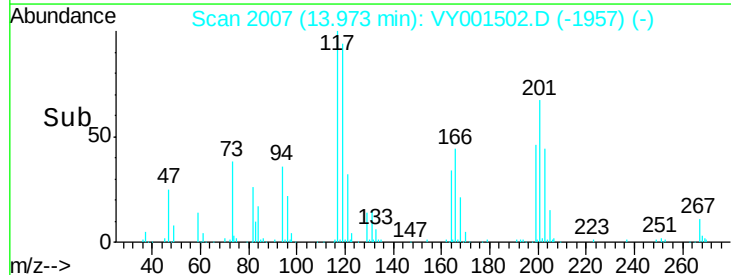
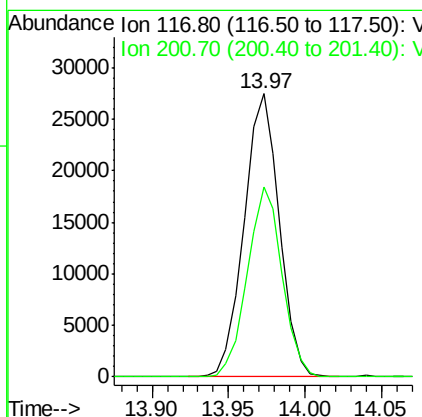
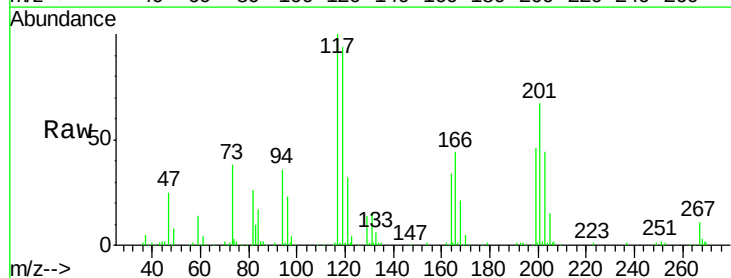
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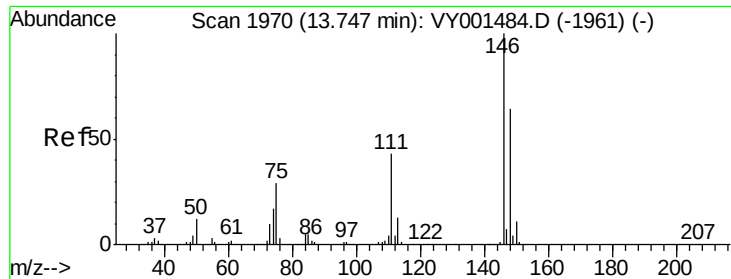
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#90
Hexachloroethane
Concen: 20.128 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.3	34.1	102.3





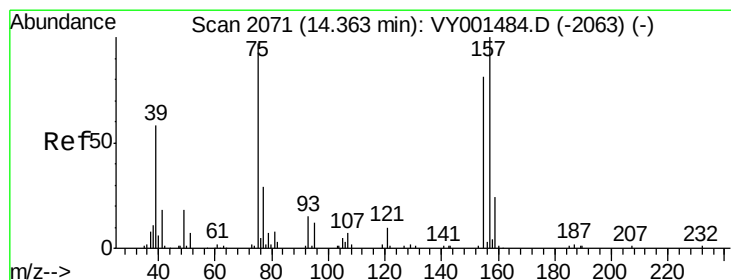
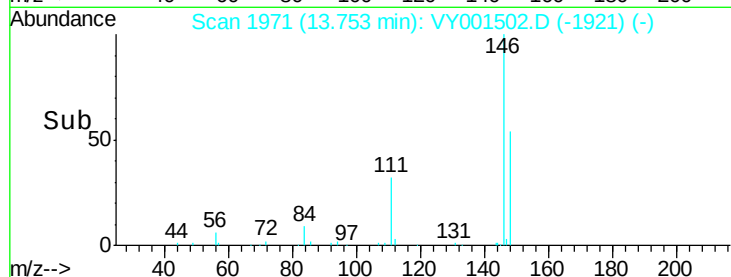
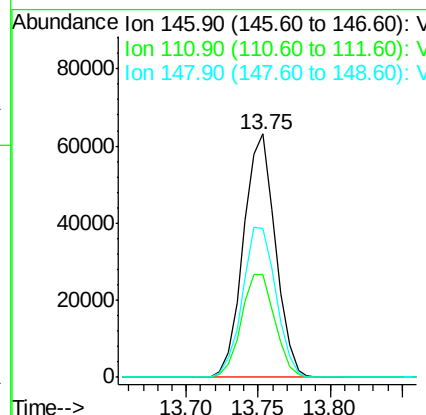
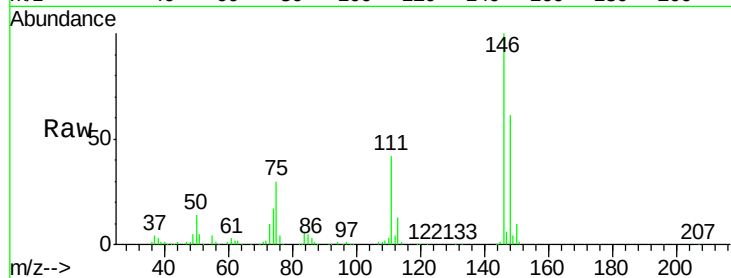
#91
 1,2-Dichlorobenzene
 Concen: 20.075 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.9	65.8
148	64.5	31.8	95.3

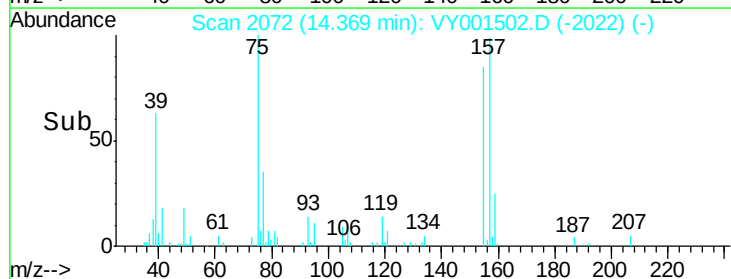
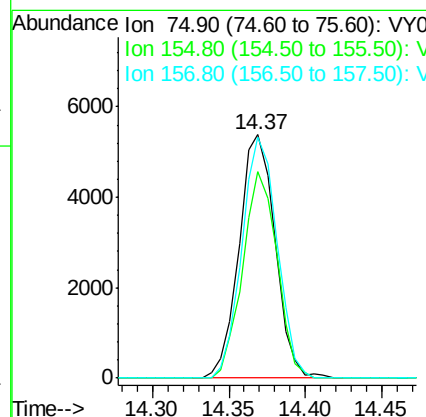
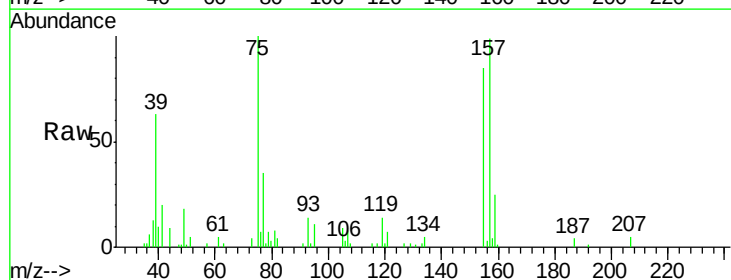
Manual Integrations
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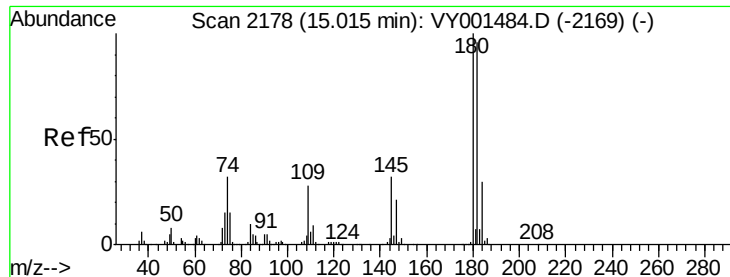
MMDadoda
 2/6/2020 12:46:56 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.515 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.0	40.7	122.1
157	96.4	52.3	157.1





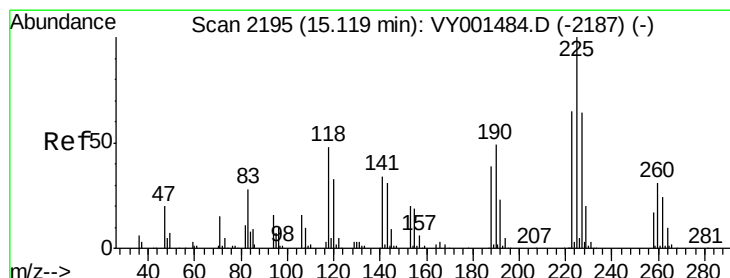
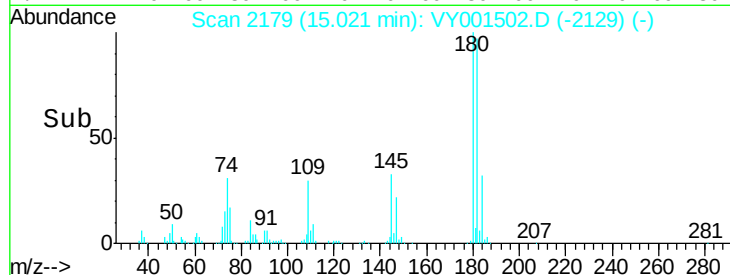
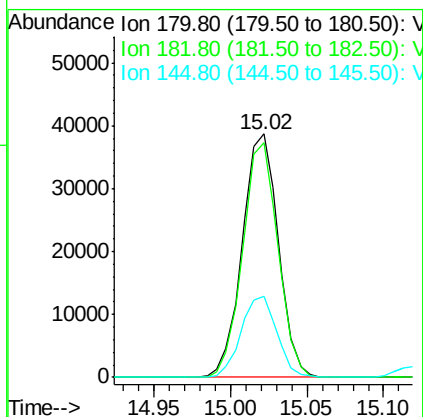
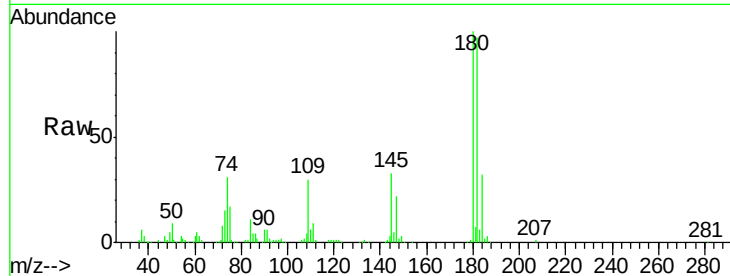
#93
 1,2,4-Trichlorobenzene
 Concen: 19.420 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	63309		
182	94.4	46.9	140.7	
145	32.9	16.8	50.3	

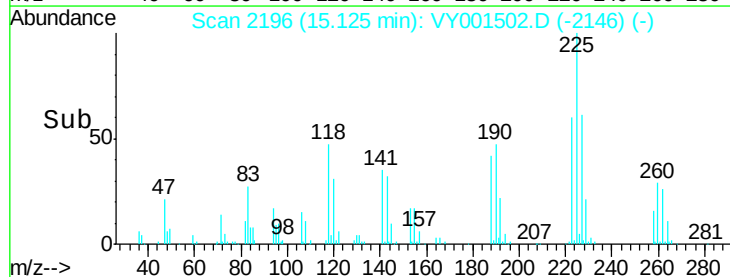
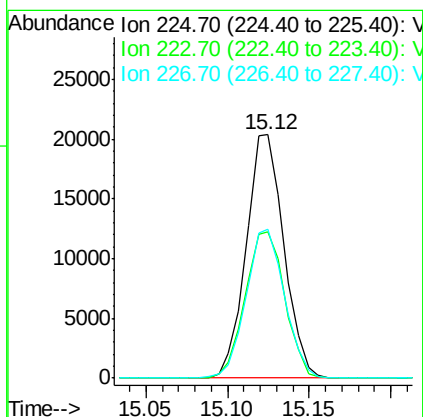
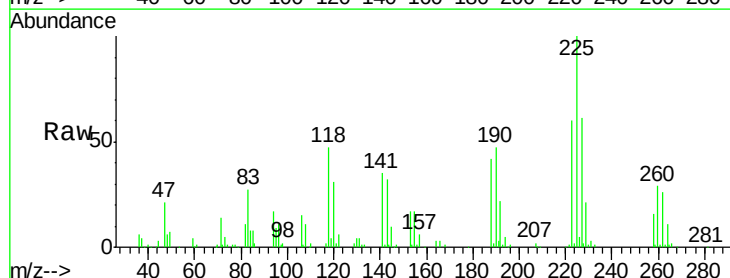
Manual Integrations
 APPROVED

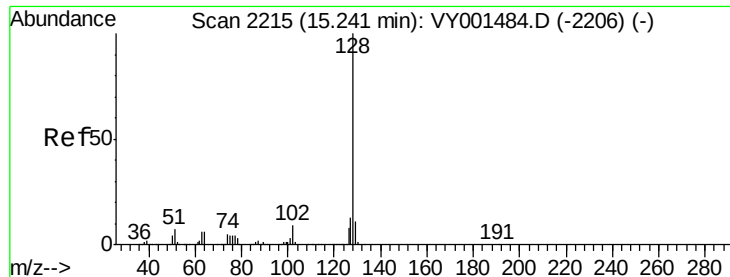
MMDadoda
 2/6/2020 12:46:56 PM



#94
 Hexachlorobutadiene
 Concen: 19.817 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001502.D
 Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32789		
223	62.8	31.9	95.7	
227	62.2	32.6	97.7	





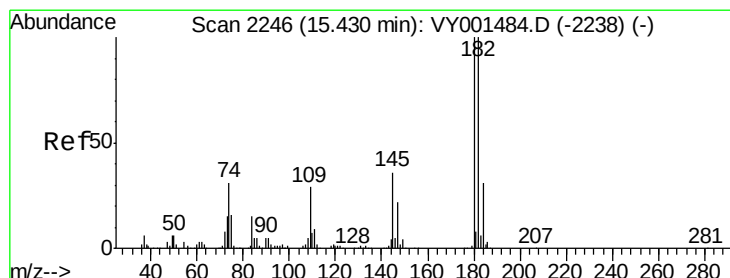
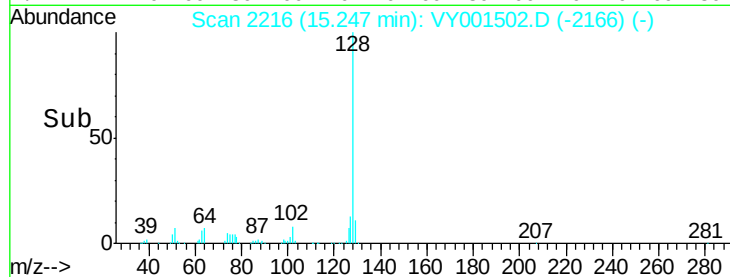
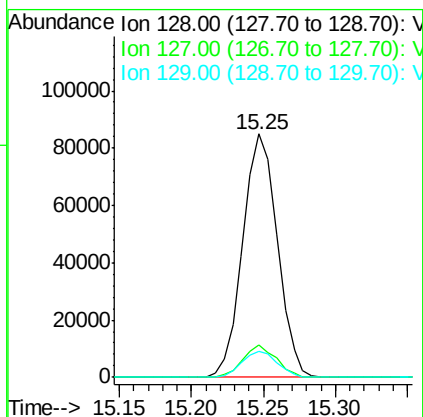
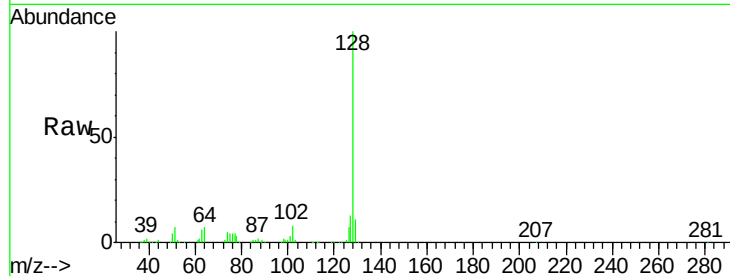
#95
Naphthalene
Concen: 18.452 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
2/6/2020 12:46:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.099 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001502.D
Acq: 05 Feb 2020 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.0	144.2
145	35.1	17.8	53.5

