

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002302.D
 Acq On : 14 Apr 2020 12:50
 Operator : SY/MD
 Sample : VY0414SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/15/2020 9:38:25 AM

Quant Time: Apr 15 06:10:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	158836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	290102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	254593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	119451	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	81042	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
35) Dibromofluoromethane	7.73	113	84960	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	10.18	98	357889	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.49	95	115206	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	29988	18.681	ug/l	95
3) Chloromethane	2.12	50	38562	19.087	ug/l	98
4) Vinyl Chloride	2.26	62	41284	19.198	ug/l	95
5) Bromomethane	2.65	94	26404	19.883	ug/l	89
6) Chloroethane	2.80	64	23546	18.986	ug/l	96
7) Trichlorofluoromethane	3.13	101	55368	19.937	ug/l	94
8) Diethyl Ether	3.54	74	24928	21.114	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.91	101	39075	20.713	ug/l	98
10) Methyl Iodide	4.10	142	44378	20.238	ug/l	97
11) Tert butyl alcohol	4.97	59	21181	91.310	ug/l	100
12) 1,1-Dichloroethene	3.88	96	40435	21.083	ug/l	90
13) Acrolein	3.75	56	19781	86.854	ug/l	100
14) Allyl chloride	4.49	41	57361	18.521	ug/l	95
15) Acrylonitrile	5.18	53	58364	96.670	ug/l	99
16) Acetone	3.96	43	42309	90.942	ug/l	90
17) Carbon Disulfide	4.21	76	129755	20.371	ug/l	98
18) Methyl Acetate	4.49	43	26757	18.542	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	98983	19.631	ug/l	99
20) Methylene Chloride	4.73	84	48668	21.283	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	44724	20.775	ug/l	96
22) Diisopropyl ether	6.13	45	120182	19.282	ug/l	98
23) Vinyl Acetate	6.08	43	374911	94.392	ug/l	95
24) 1,1-Dichloroethane	6.03	63	71251	20.098	ug/l	98
25) 2-Butanone	7.00	43	66766	90.684	ug/l	96
26) 2,2-Dichloropropane	7.00	77	56669	19.109	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	48062	20.481	ug/l	96
28) Bromochloromethane	7.35	49	29690	19.401	ug/l	89
29) Tetrahydrofuran	7.36	42	43751	89.897	ug/l	94
30) Chloroform	7.52	83	67702	20.259	ug/l	100
31) Cyclohexane	7.80	56	72885	19.586	ug/l #	88
32) 1,1,1-Trichloroethane	7.71	97	55077	19.801	ug/l	98
36) 1,1-Dichloropropene	7.93	75	56878	19.905	ug/l	97
37) Ethyl Acetate	7.08	43	29826	18.271	ug/l	97
38) Carbon Tetrachloride	7.91	117	48261	19.745	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	77386	19.909	ug/l	99
40) Benzene	8.17	78	176338	20.340	ug/l	98
41) Methacrylonitrile	7.32	41	12750	13.240	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	40436	18.829	ug/l	96
43) Isopropyl Acetate	8.28	43	53817	18.077	ug/l	96
44) Trichloroethene	8.94	130	50973	19.998	ug/l	97
45) 1,2-Dichloropropane	9.22	63	42977	19.979	ug/l	98
46) Dibromomethane	9.31	93	22691	20.175	ug/l	99
47) Bromodichloromethane	9.50	83	51851	20.092	ug/l	95
48) Methyl methacrylate	9.30	41	23525	17.623	ug/l	96
49) 1,4-Dioxane	9.30	88	6322	397.372	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	145916	94.058	ug/l	96
52) Toluene	10.25	92	106093	20.306	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	55436	19.716	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	66723	19.738	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	33581	20.394	ug/l	95
56) Ethyl methacrylate	10.51	69	46187	19.653	ug/l	93
57) 1,3-Dichloropropane	10.80	76	57189	19.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	120745	99.215	ug/l	99
59) 2-Hexanone	10.83	43	97502	90.558	ug/l	96
60) Dibromochloromethane	10.99	129	34933	19.896	ug/l	100
61) 1,2-Dibromoethane	11.10	107	30810	19.654	ug/l	100
64) Tetrachloroethene	10.72	164	54180	21.049	ug/l	95
65) Chlorobenzene	11.52	112	111962	21.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	36245	20.744	ug/l	97
67) Ethyl Benzene	11.60	91	201324	20.780	ug/l	98
68) m/p-Xylenes	11.70	106	153725	42.363	ug/l	95
69) o-Xylene	12.03	106	72348	21.236	ug/l	96
70) Styrene	12.05	104	122603	20.743	ug/l	99
71) Bromoform	12.21	173	19479	20.500	ug/l #	97
73) Isopropylbenzene	12.33	105	190867	20.339	ug/l	100
74) N-amyl acetate	12.14	43	48267	18.119	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	24592	21.660	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	23467m	16.918	ug/l	
77) Bromobenzene	12.61	156	42475	20.573	ug/l	96
78) n-propylbenzene	12.67	91	232122	19.888	ug/l	99
79) 2-Chlorotoluene	12.76	91	126210	19.899	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	157523	20.297	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	13546	18.994	ug/l	98
82) 4-Chlorotoluene	12.86	91	132867	19.987	ug/l	98
83) tert-Butylbenzene	13.08	119	132231	20.341	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	155336	20.044	ug/l	99
85) sec-Butylbenzene	13.25	105	195646	20.203	ug/l	100
86) p-Isopropyltoluene	13.37	119	168819	20.255	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	82657	20.658	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	81249	20.004	ug/l	99
89) n-Butylbenzene	13.70	91	170195	19.921	ug/l	99
90) Hexachloroethane	13.96	117	31461	19.808	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	74884	20.596	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5040	18.354	ug/l	98

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ClientSampleId :
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QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	46919	19.743	ug/l	100
94) Hexachlorobutadiene	15.11	225	23229	19.407	ug/l	98
95) Naphthalene	15.24	128	101199	19.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	40559	19.655	ug/l	100

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

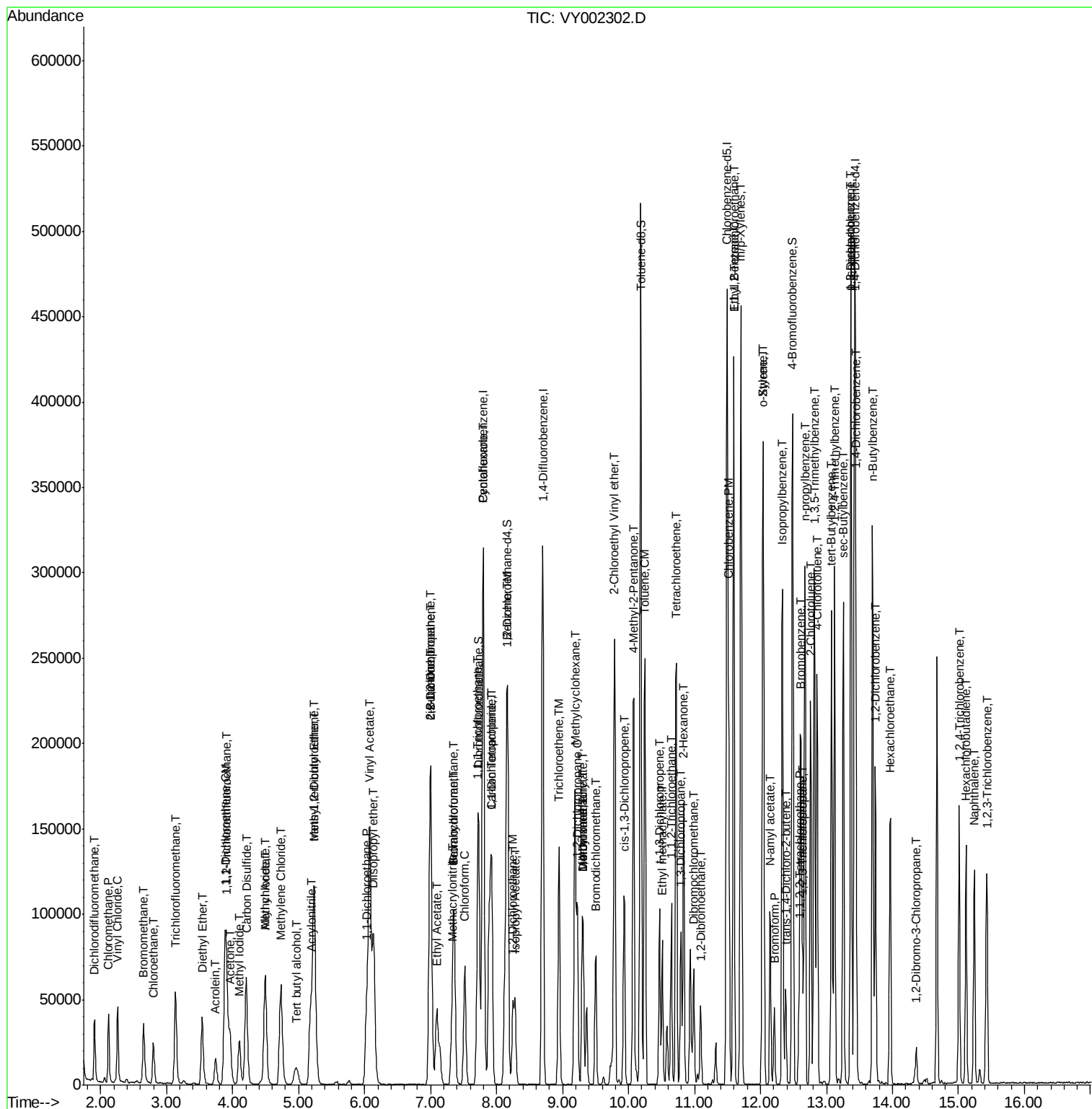
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Data File : VY002302.D
Acq On : 14 Apr 2020 12:50
Operator : SY/MD
Sample : VY0414SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

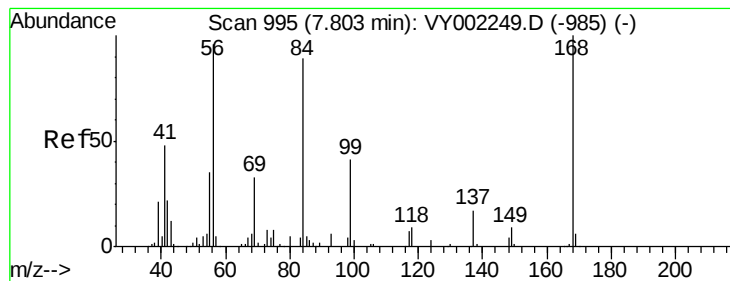
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion:168 Resp: 158836

Ion Ratio Lower Upper

168 100

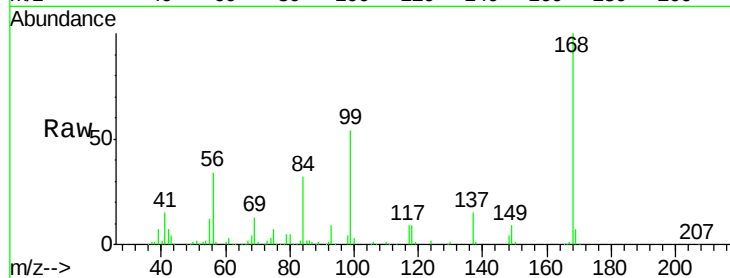
99 54.5 48.0 72.0

Manual Integrations

APPROVED

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Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.80

60000

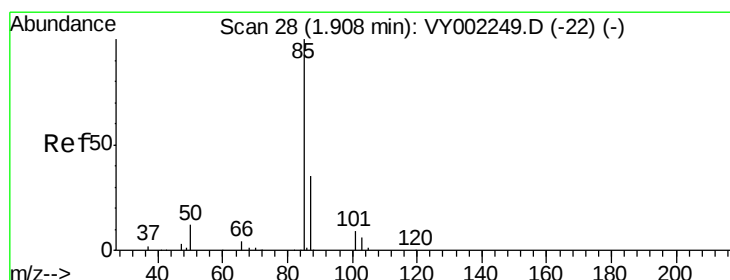
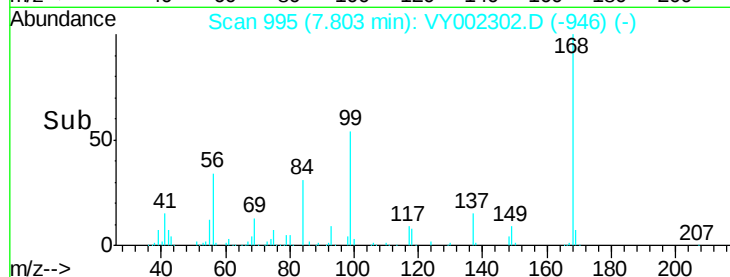
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.681 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002302.D

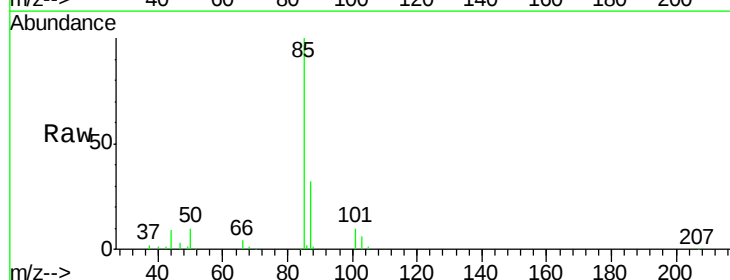
Acq: 14 Apr 2020 12:50

Tgt Ion: 85 Resp: 29988

Ion Ratio Lower Upper

85 100

87 31.6 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.91

20000

15000

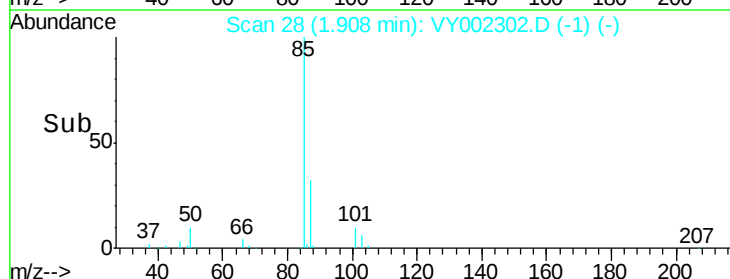
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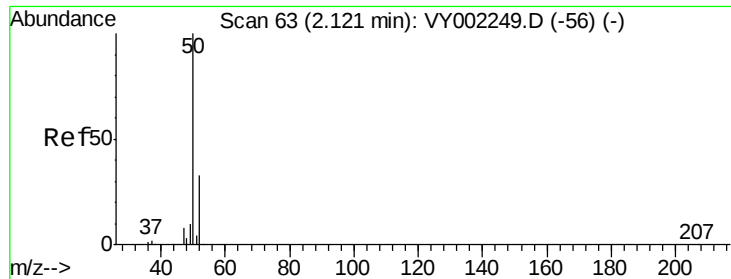
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.087 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 50 Resp: 38562

Ion Ratio Lower Upper

50 100

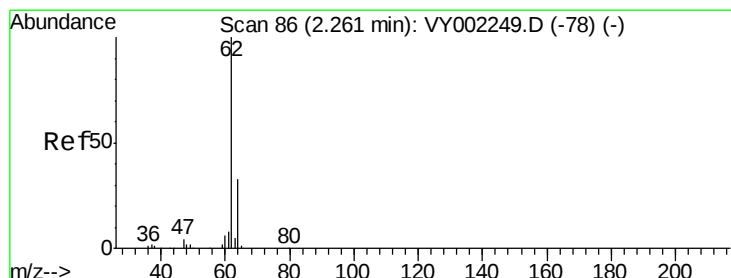
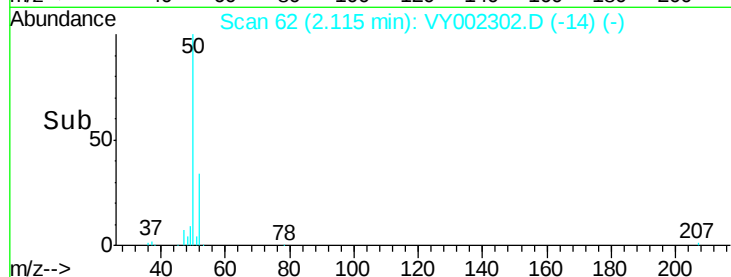
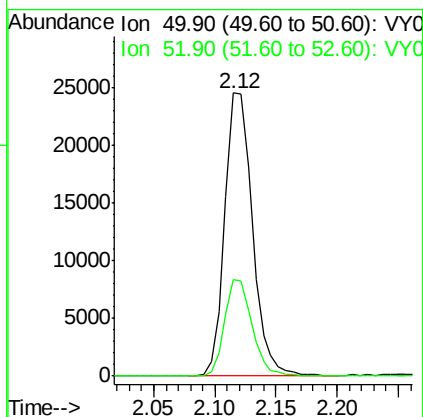
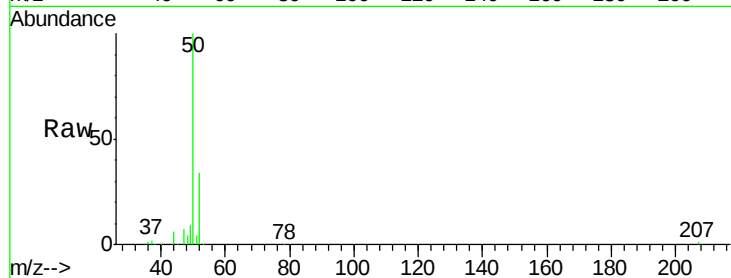
52 34.1 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.198 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002302.D

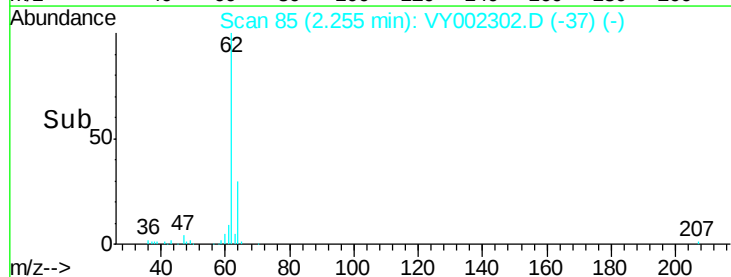
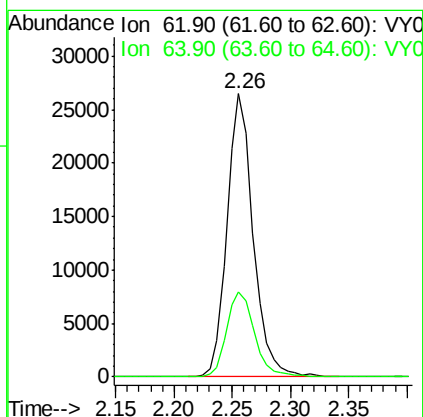
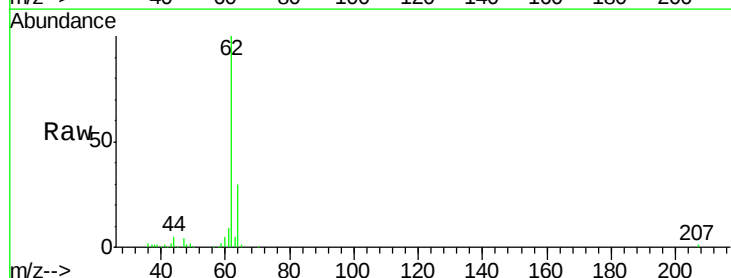
Acq: 14 Apr 2020 12:50

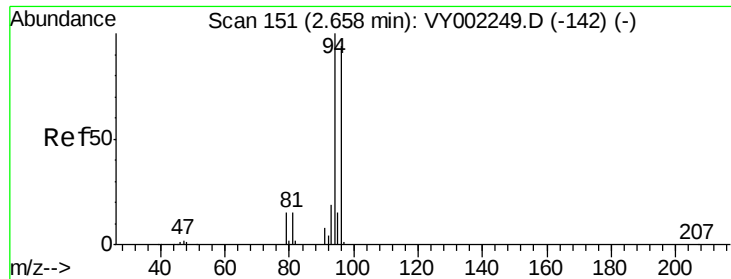
Tgt Ion: 62 Resp: 41284

Ion Ratio Lower Upper

62 100

64 30.1 26.2 39.2





#5

Bromomethane

Concen: 19.883 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 94 Resp: 26404

Ion Ratio Lower Upper

94 100

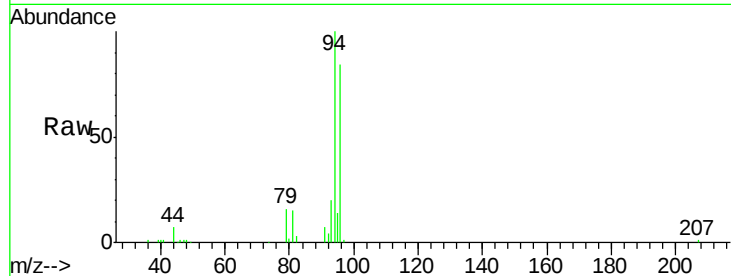
96 83.7 75.6 113.4

Manual Integrations

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4/15/2020 9:38:25 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

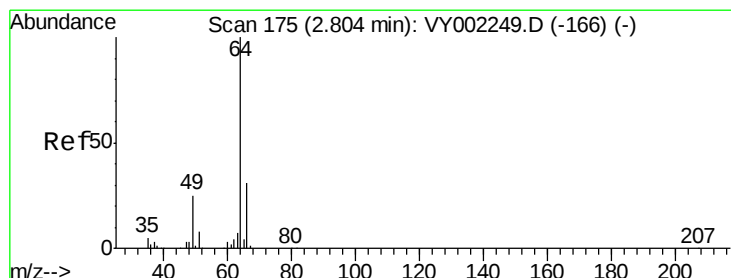
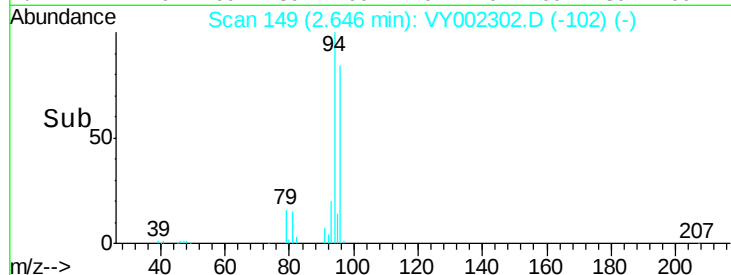
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.986 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002302.D

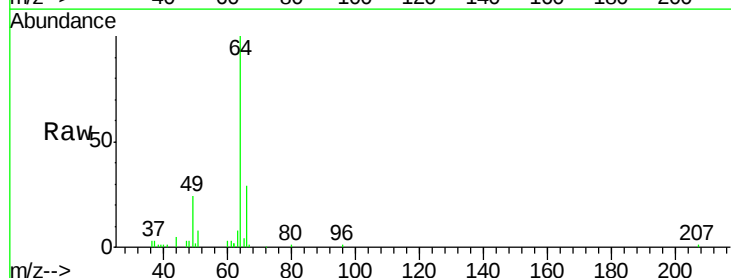
Acq: 14 Apr 2020 12:50

Tgt Ion: 64 Resp: 23546

Ion Ratio Lower Upper

64 100

66 28.8 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

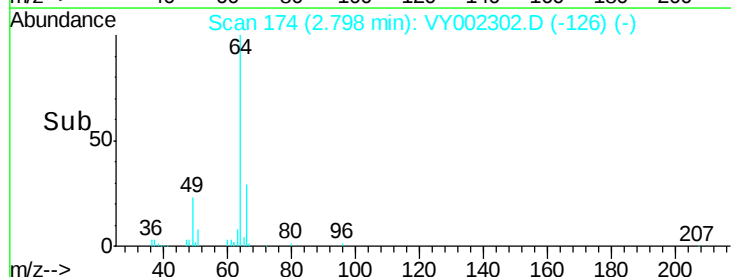
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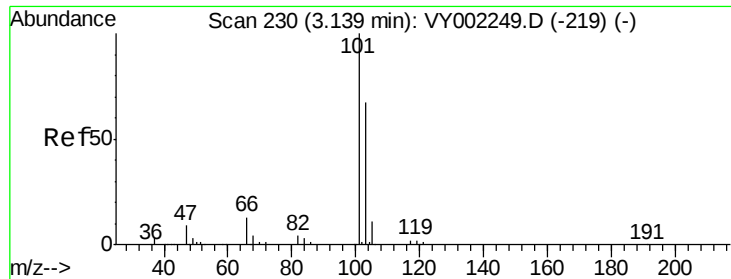
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0

Time-->





#7

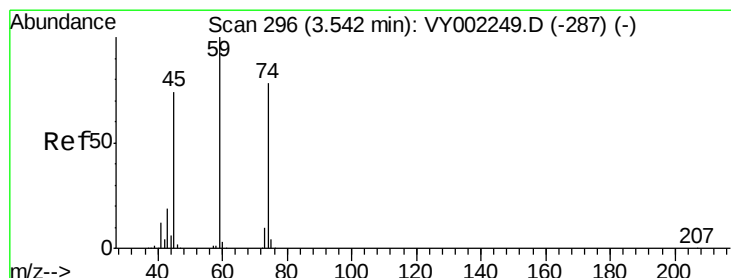
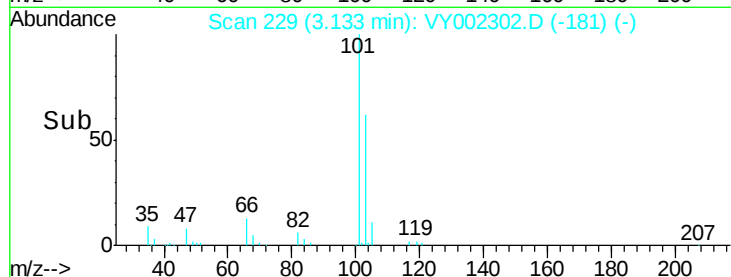
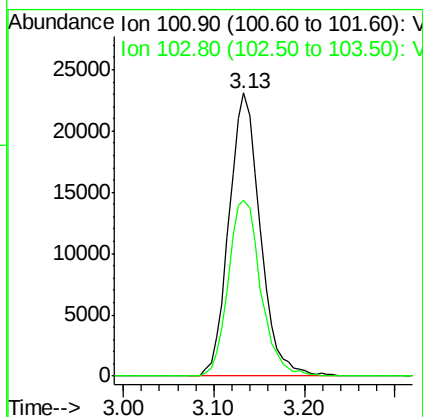
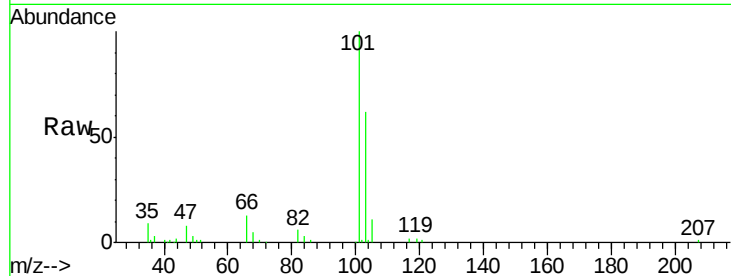
Trichlorofluoromethane
 Concen: 19.937 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	53.3	79.9

Manual Integrations
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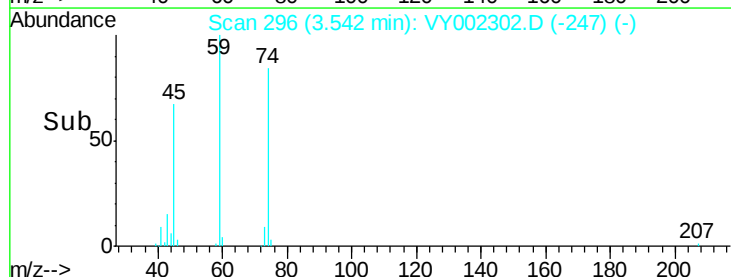
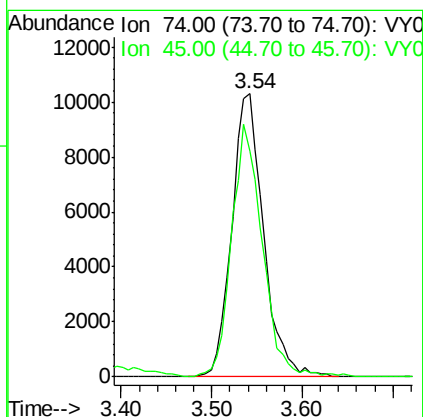
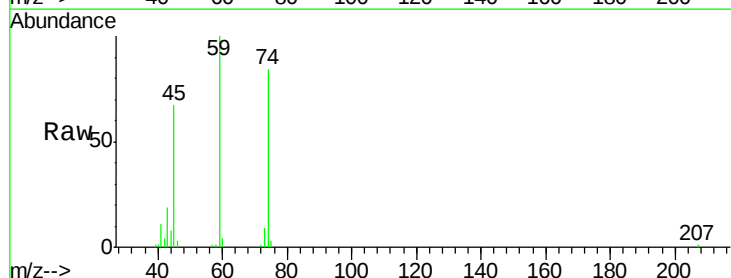
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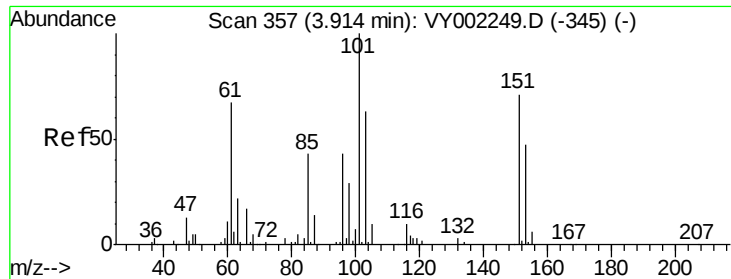


#8

Diethyl Ether
 Concen: 21.114 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.8	48.0	144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.713 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

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MSVOA_Y

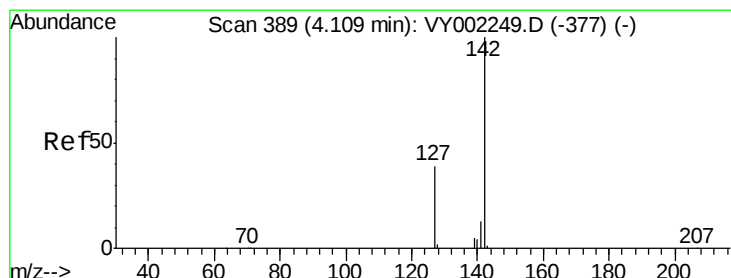
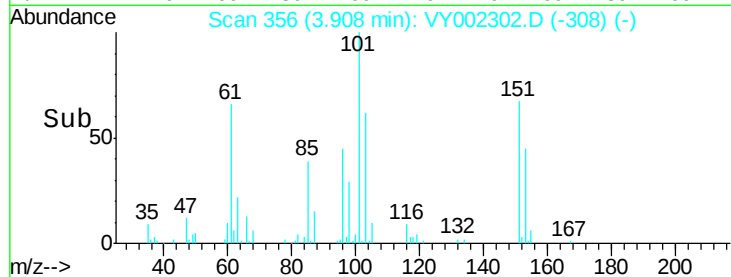
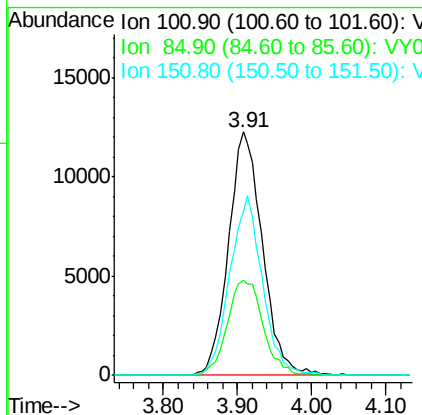
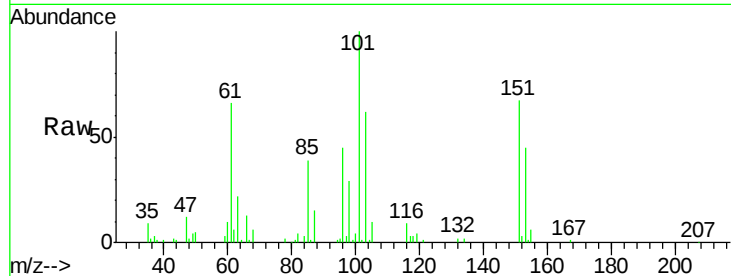
ClientSampleId :

VY0414SBS01

Tot Ion:	101	Resp:	39075
Ion Ratio	Lower	Upper	
101	100		
85	41.2	34.6	52.0
151	70.9	57.6	86.4

Manual Integrations
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MMDadoda
4/15/2020 9:38:25 AM



#10

Methyl Iodide

Concen: 20.238 ug/l

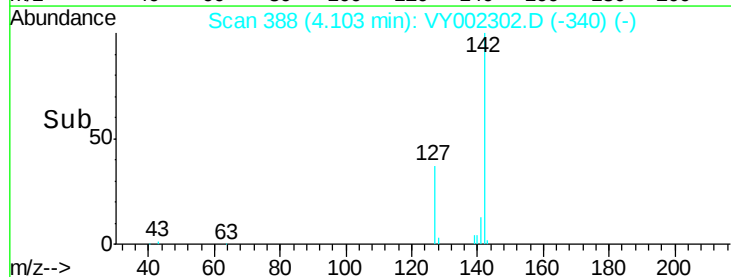
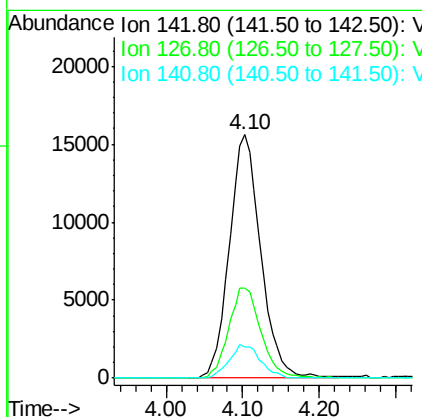
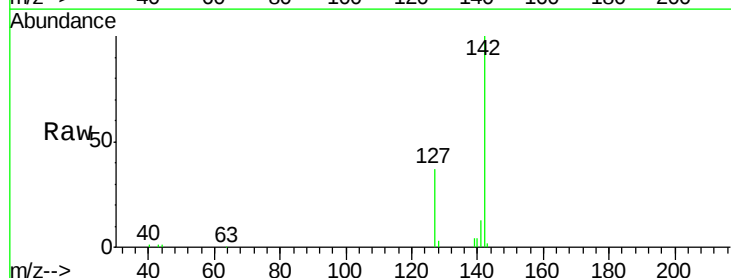
RT: 4.10 min Scan# 388

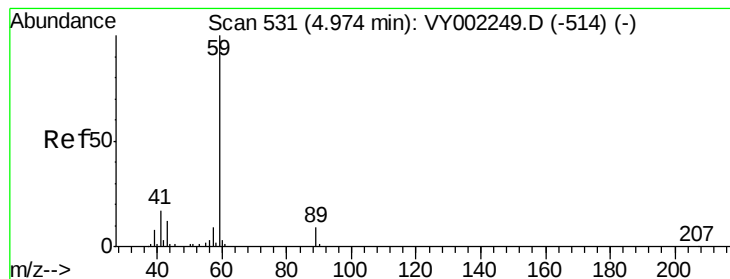
Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Tgt Ion:	142	Resp:	44378
Ion Ratio	Lower	Upper	
142	100		
127	37.9	32.4	48.6
141	13.6	11.2	16.8





#11

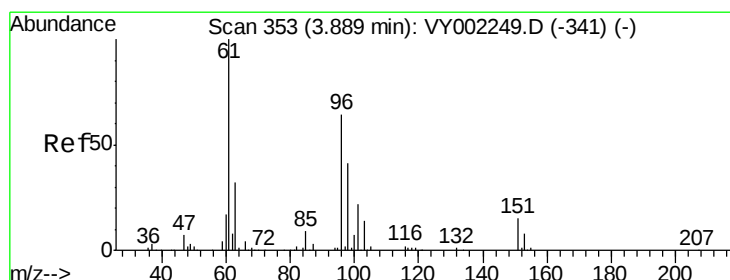
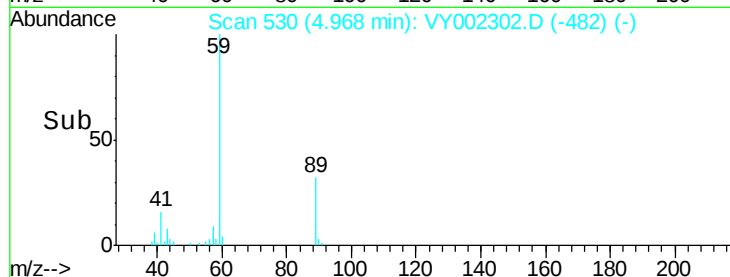
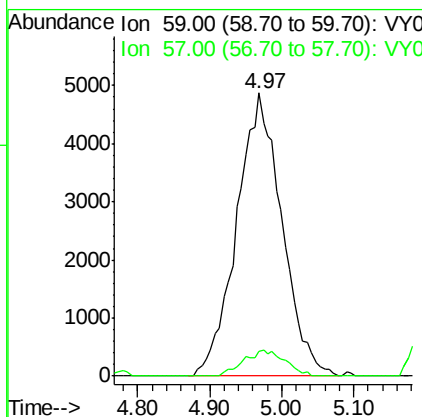
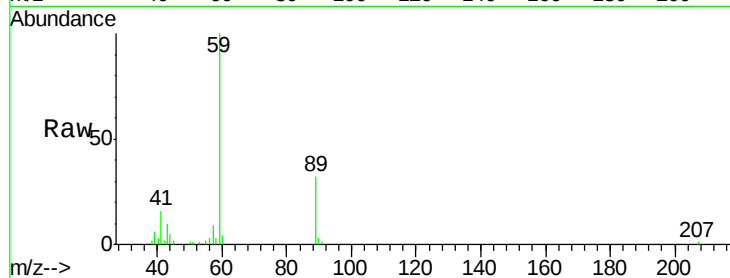
Tert butyl alcohol
 Concen: 91.310 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	59	Resp	21181
Ion Ratio	100	Lower	Upper
57	8.4	6.6	9.8

Manual Integrations
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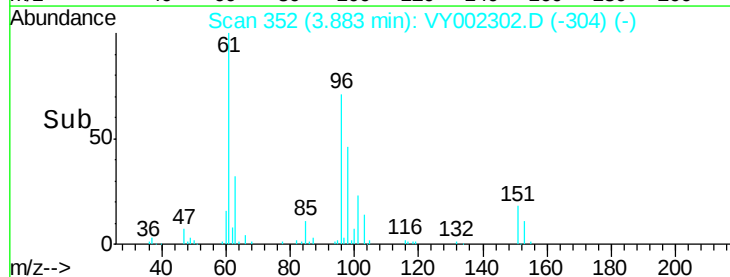
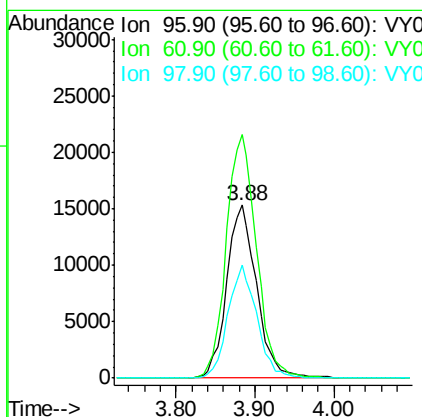
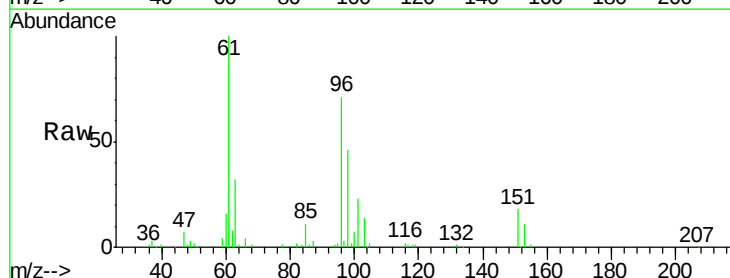
MMDadoda
 4/15/2020 9:38:25 AM

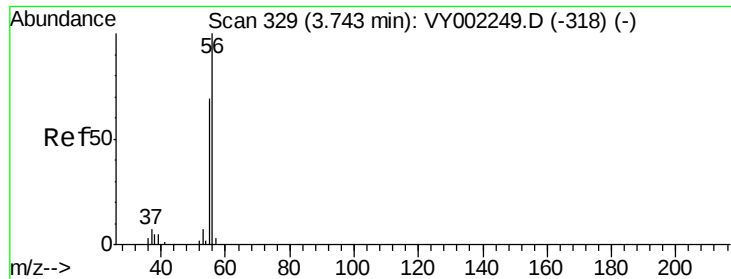


#12

1,1-Dichloroethene
 Concen: 21.083 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion	96	Resp	40435
Ion Ratio	100	Lower	Upper
61	140.6	125.9	188.9
98	65.1	51.1	76.7





#13

Acrolein

Concen: 86.854 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 56 Resp: 19781

Ion Ratio Lower Upper

56 100

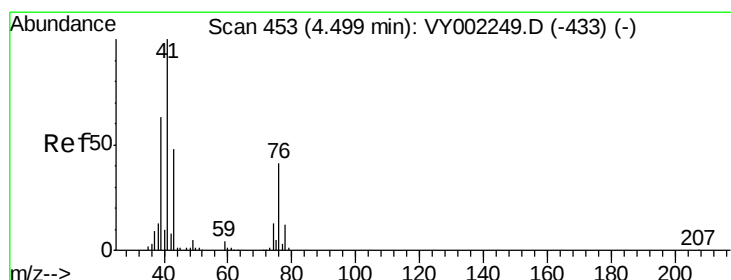
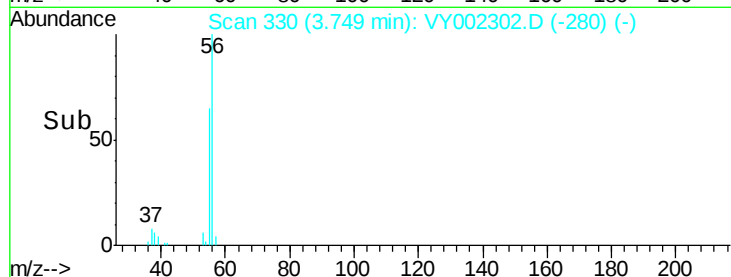
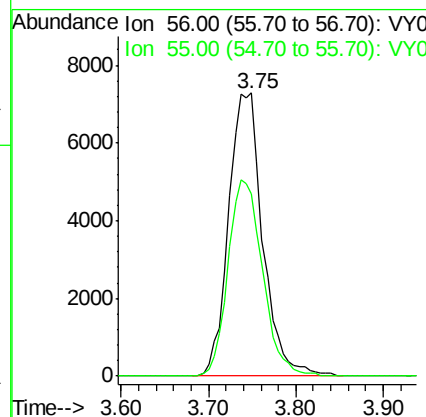
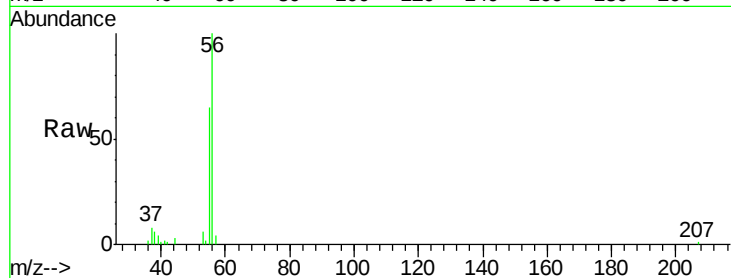
55 69.8 55.8 83.8

Manual Integrations

APPROVED

MMDadoda

4/15/2020 9:38:25 AM



#14

Allyl chloride

Concen: 18.521 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

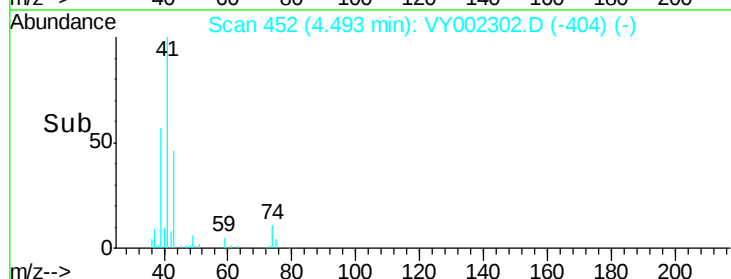
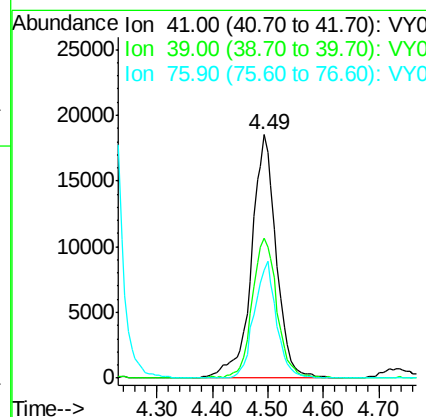
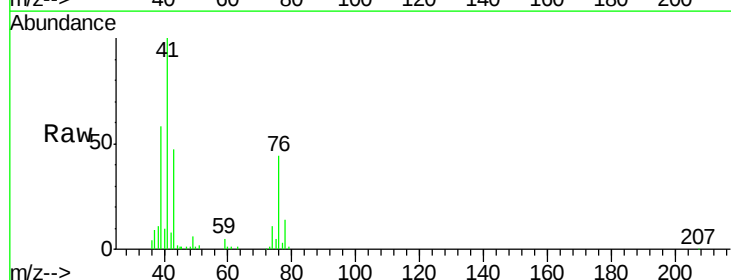
Tgt Ion: 41 Resp: 57361

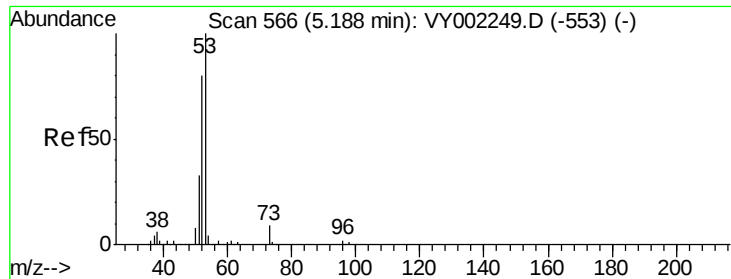
Ion Ratio Lower Upper

41 100

39 57.4 48.0 72.0

76 43.1 31.0 46.6





#15

Acrylonitrile

Concen: 96.670 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

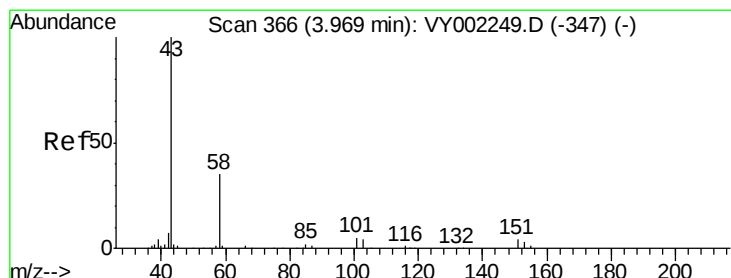
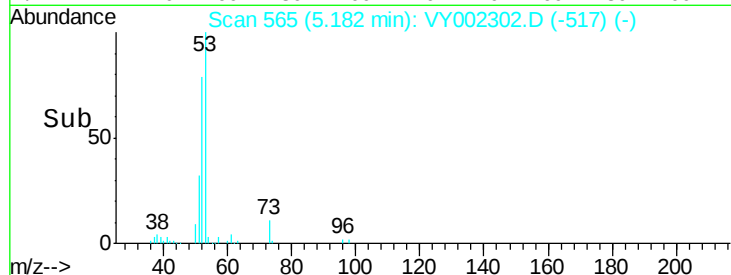
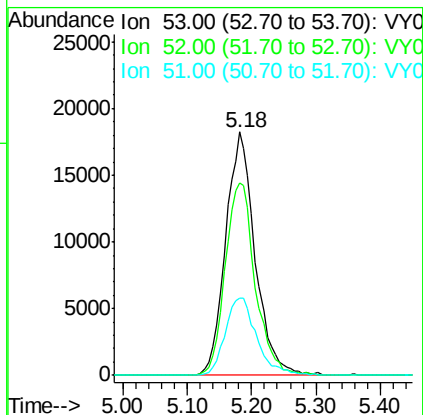
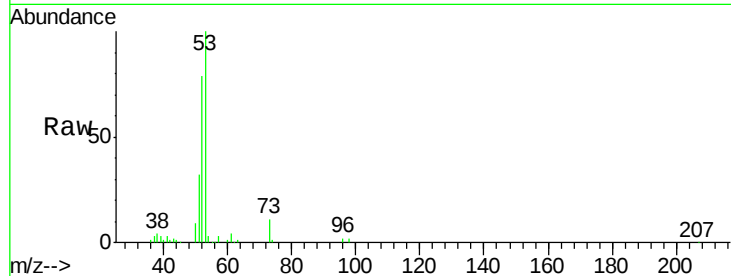
ClientSampleId :

VY0414SBS01

Tot Ion:	53	Resp:	58364
Ion Ratio		Lower	Upper
53	100		
52	80.2	65.1	97.7
51	33.9	27.1	40.7

Manual Integrations
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MMDadoda
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#16

Acetone

Concen: 90.942 ug/l

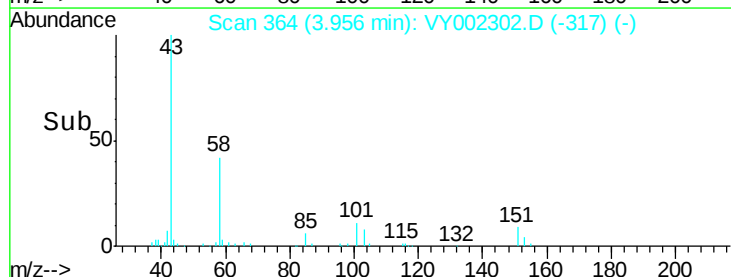
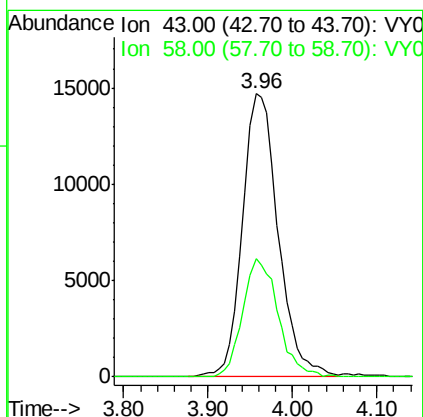
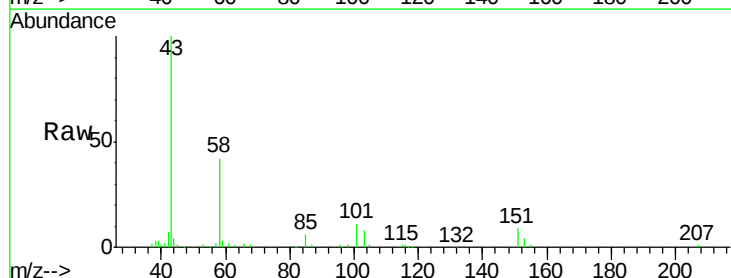
RT: 3.96 min Scan# 364

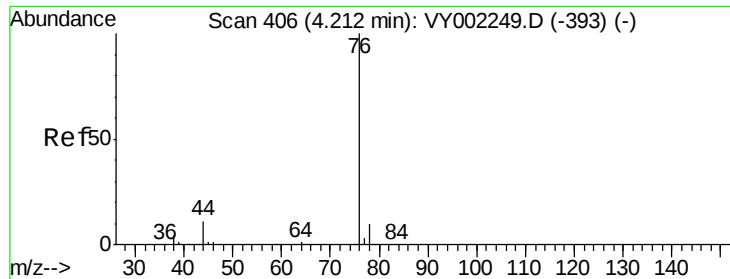
Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Tgt Ion:	43	Resp:	42309
Ion Ratio		Lower	Upper
43	100		
58	41.6	28.5	42.7





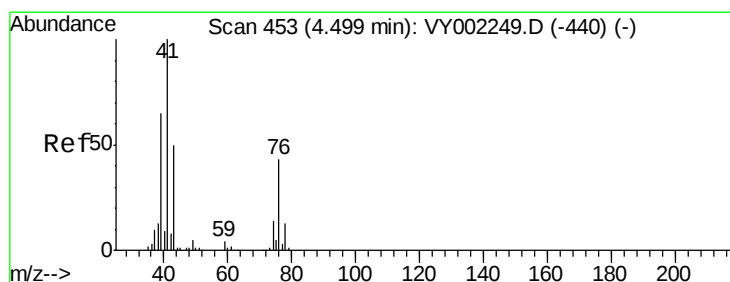
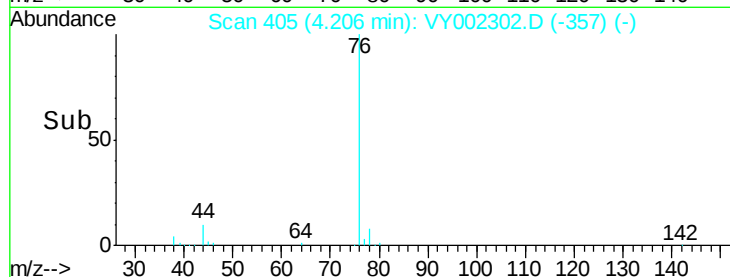
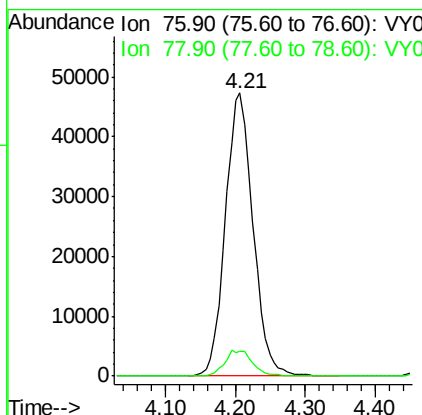
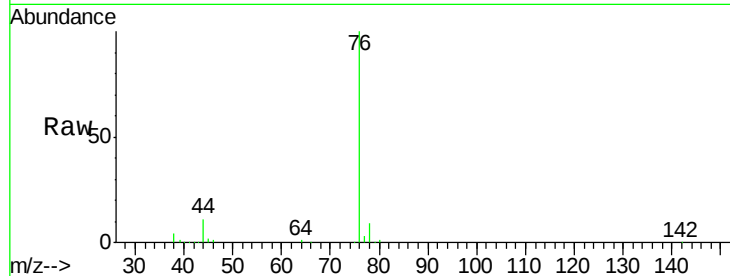
#17
Carbon Disulfide
Concen: 20.371 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.7	11.5

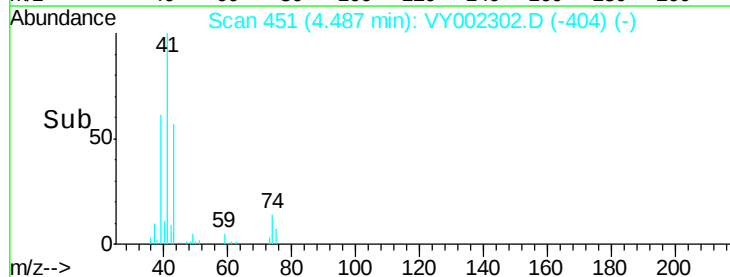
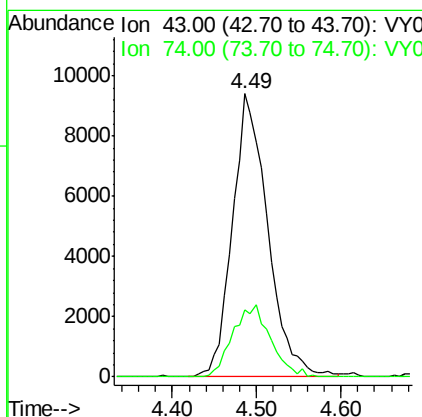
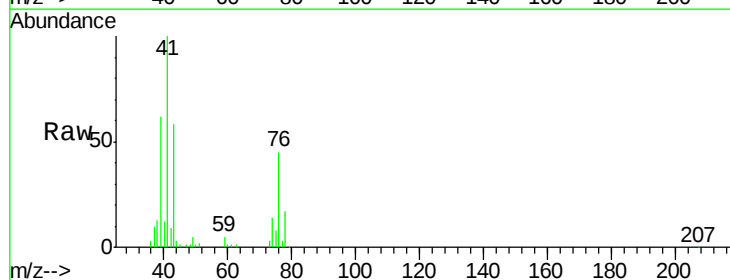
Manual Integrations
APPROVED

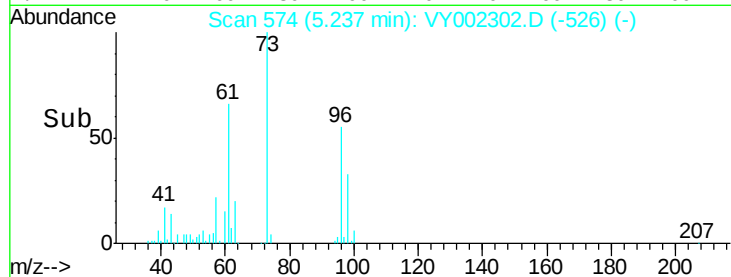
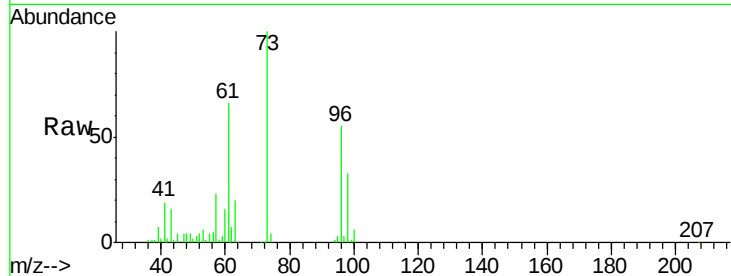
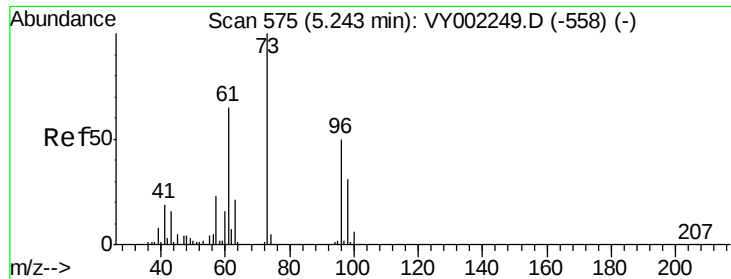
MMDadoda
4/15/2020 9:38:25 AM



#18
Methyl Acetate
Concen: 18.542 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	20.3	30.5





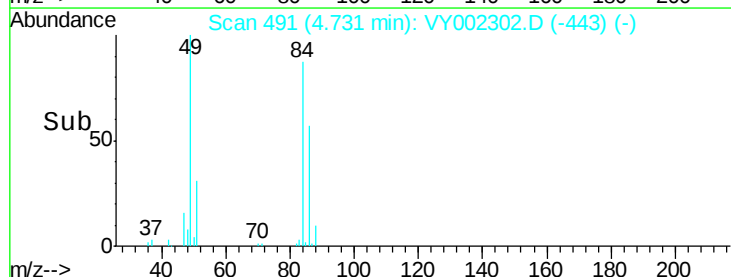
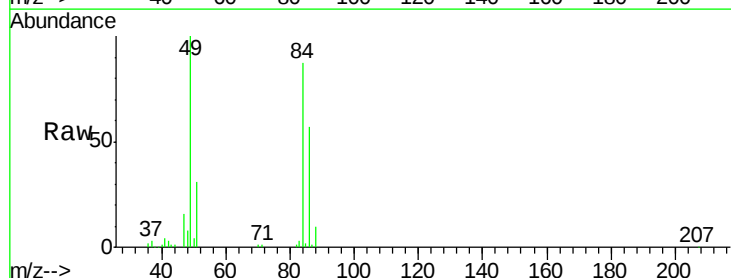
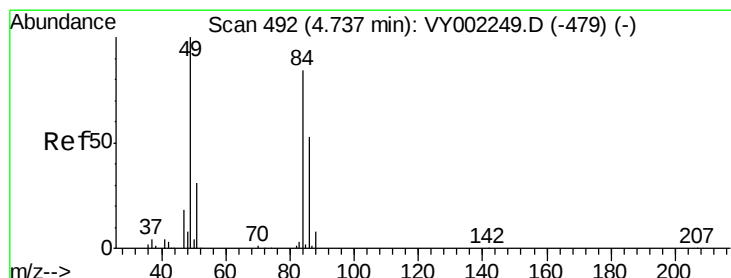
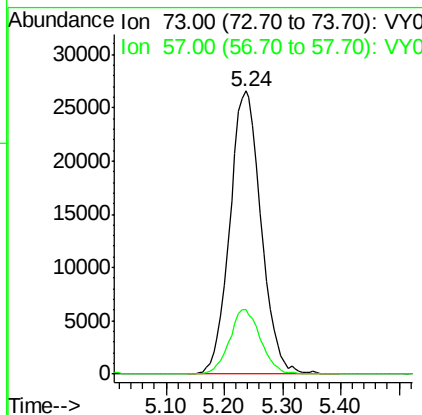
#19
Methvl tert-butvl Ether
Concen: 19.631 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tot Ion: 73 Resp: 98983
Ion Ratio Lower Upper
73 100
57 23.0 18.7 28.1

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

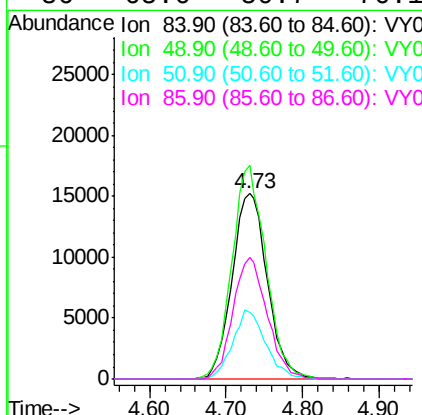
Manual Integrations
APPROVED

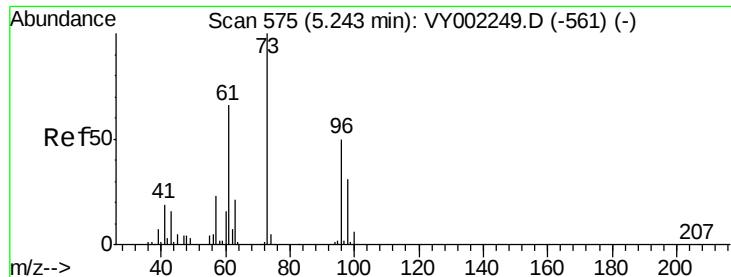
MMDadoda
4/15/2020 9:38:25 AM



#20
Methylene Chloride
Concen: 21.283 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion: 84 Resp: 48668
Ion Ratio Lower Upper
84 100
49 115.4 95.5 143.3
51 36.3 29.5 44.3
86 65.6 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 20.775 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

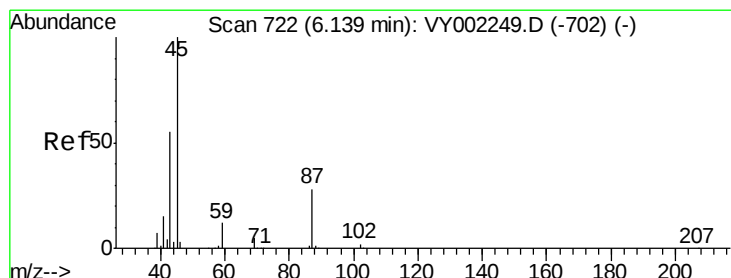
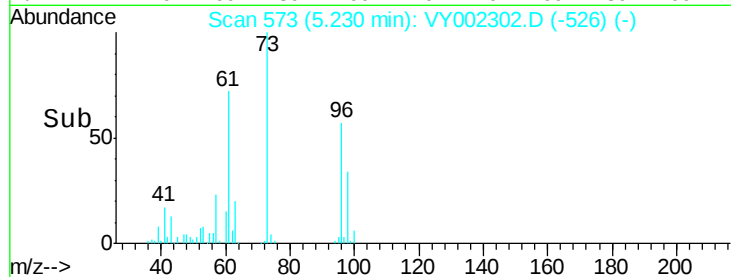
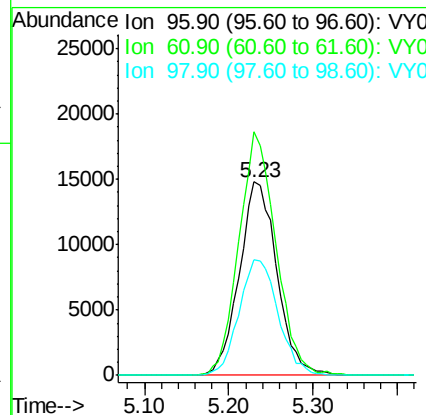
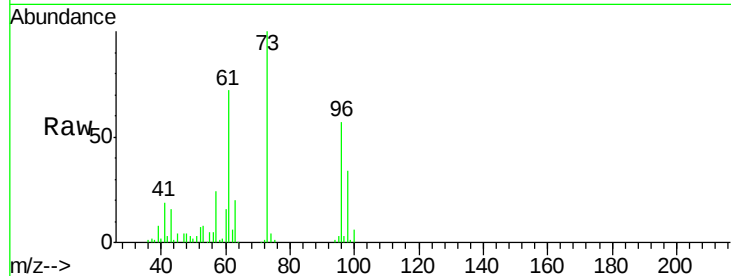
ClientSampleId :

VY0414SBS01

Tot Ion:	96	Resp:	44724
Ion	Ratio	Lower	Upper
96	100		
61	126.0	104.6	157.0
98	59.8	50.1	75.1

Manual Integrations
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MMDadoda
4/15/2020 9:38:25 AM



#22

Diisopropyl ether

Concen: 19.282 ug/l

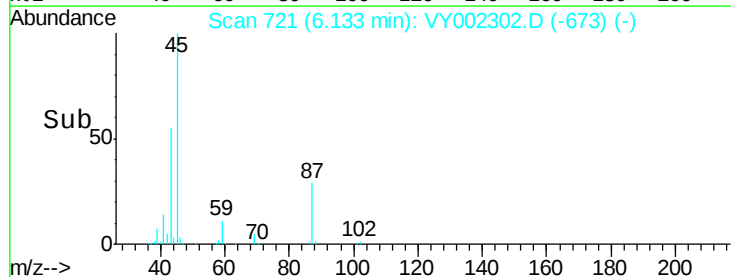
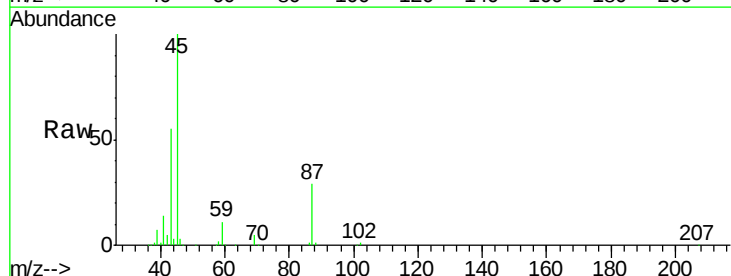
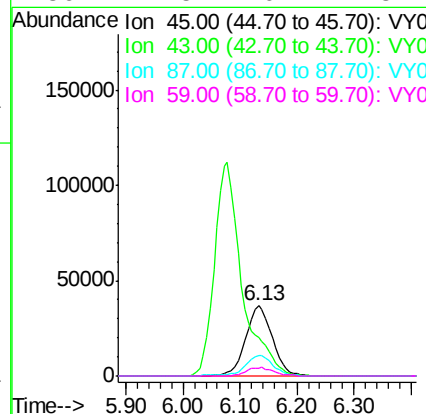
RT: 6.13 min Scan# 721

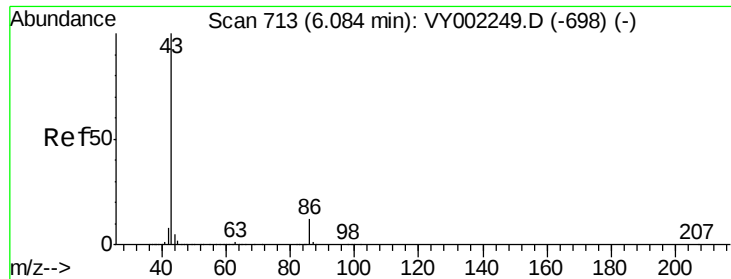
Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Tgt Ion:	45	Resp:	120182
Ion	Ratio	Lower	Upper
45	100		
43	54.5	44.7	67.1
87	28.7	23.0	34.4
59	11.5	10.1	15.1





#23

Vinyl Acetate

Concen: 94.392 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 43 Resp: 374911

Ion Ratio Lower Upper

43 100

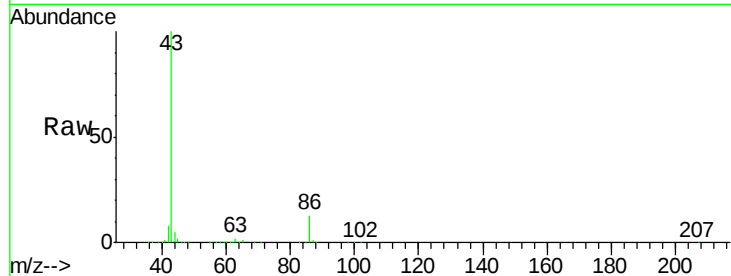
86 13.3 9.2 13.8

Manual Integrations

APPROVED

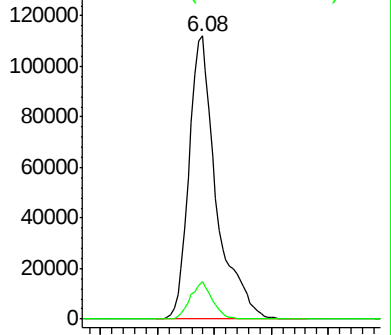
MMDadoda

4/15/2020 9:38:25 AM

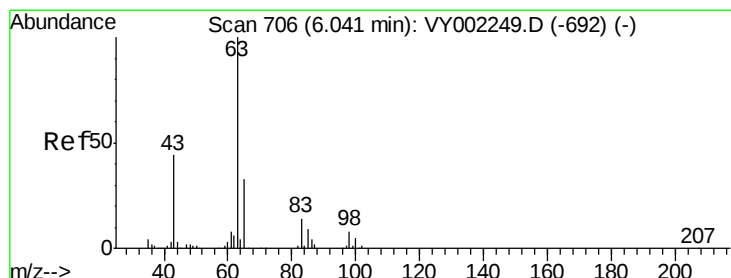
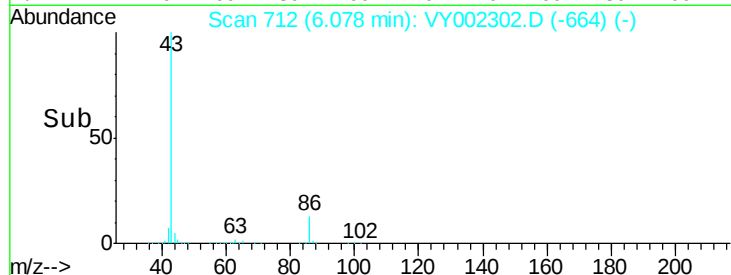


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.098 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

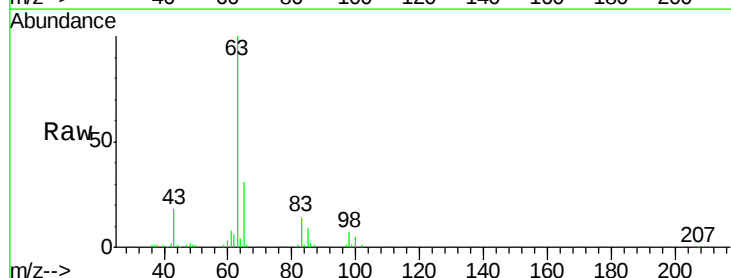
Tgt Ion: 63 Resp: 71251

Ion Ratio Lower Upper

63 100

98 7.2 4.0 12.0

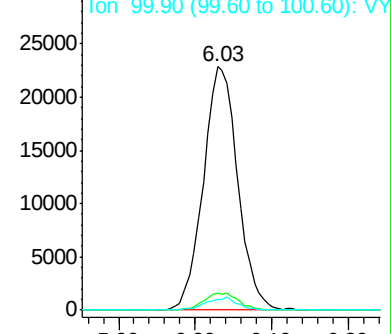
100 4.6 2.4 7.1



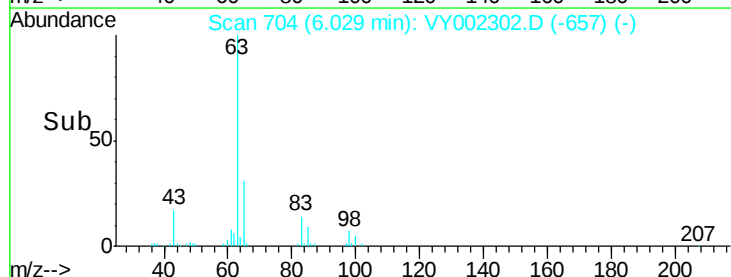
Abundance Ion 62.90 (62.60 to 63.60): VY0

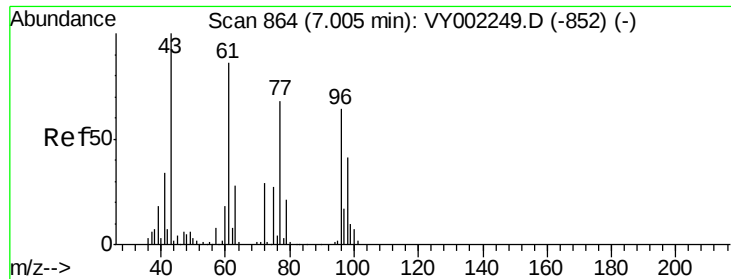
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 90.684 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 43 Resp: 66766

Ion Ratio Lower Upper

43 100

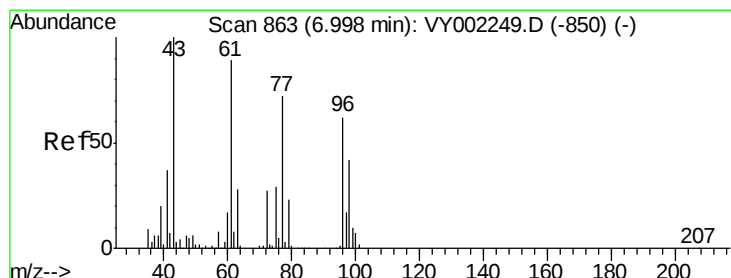
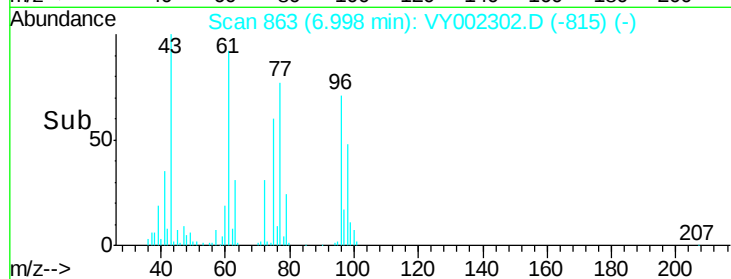
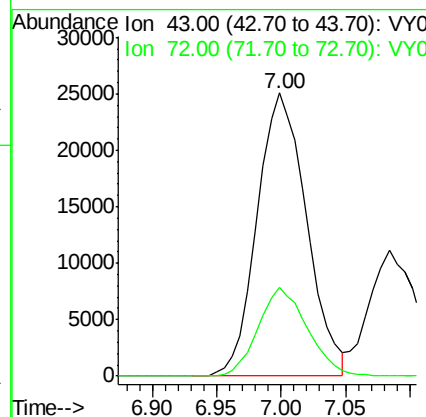
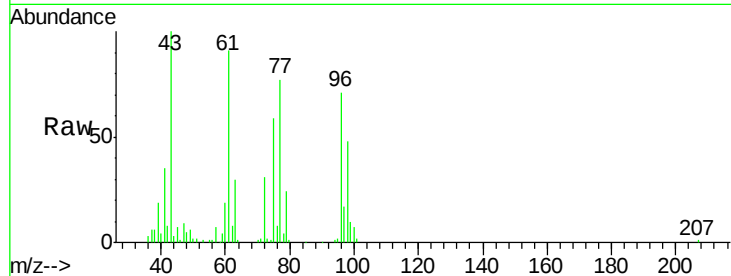
72 31.3 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.109 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY002302.D

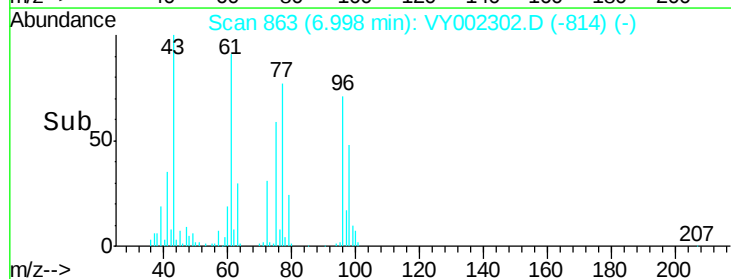
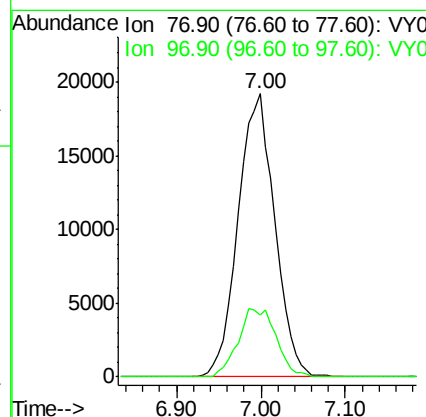
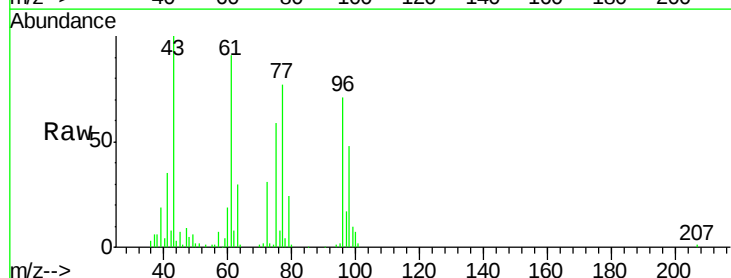
Acq: 14 Apr 2020 12:50

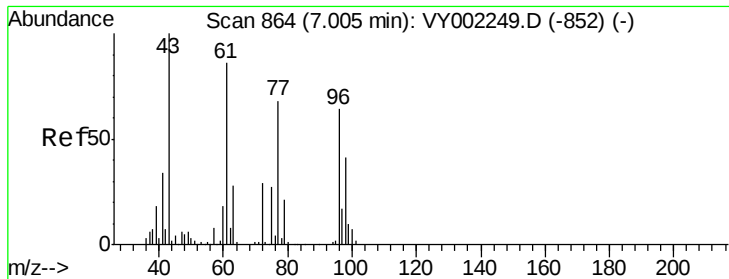
Tgt Ion: 77 Resp: 56669

Ion Ratio Lower Upper

77 100

97 25.0 12.2 36.6





#27

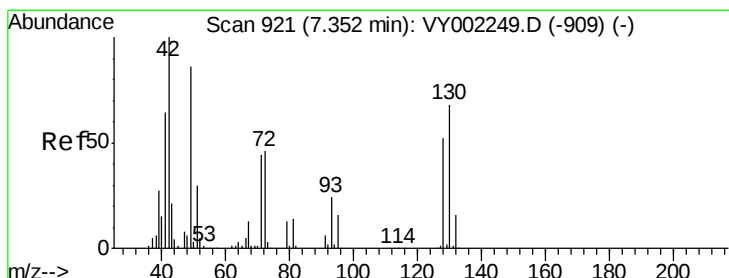
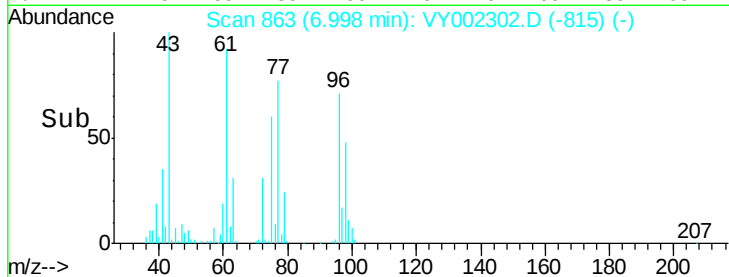
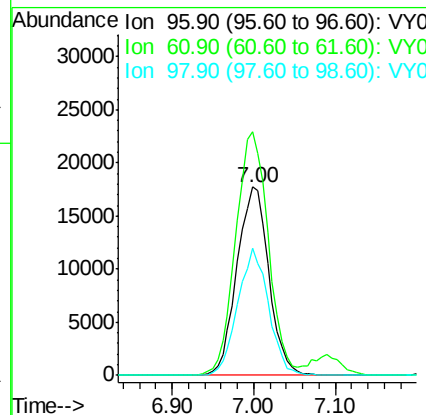
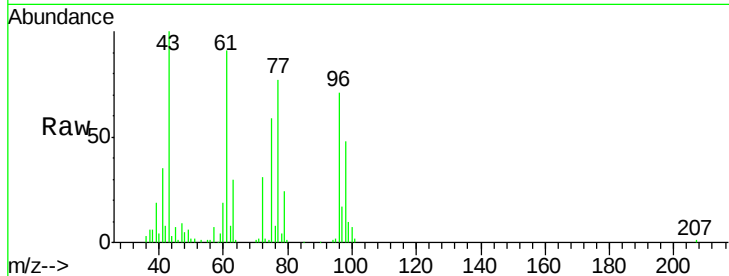
cis-1,2-Dichloroethene
 Concen: 20.481 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.6	0.0	278.0
98	64.9	0.0	128.6

Manual Integrations
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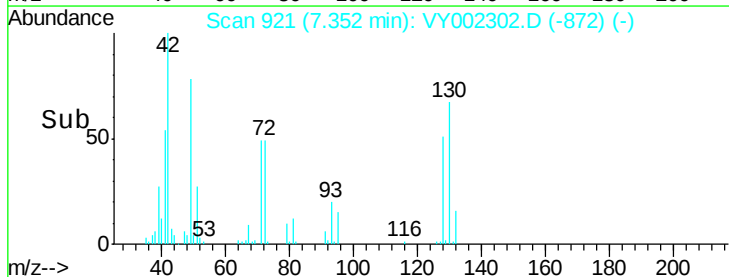
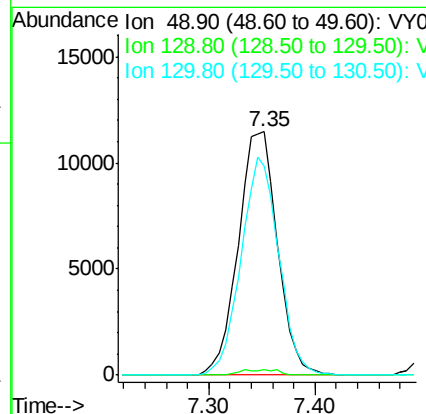
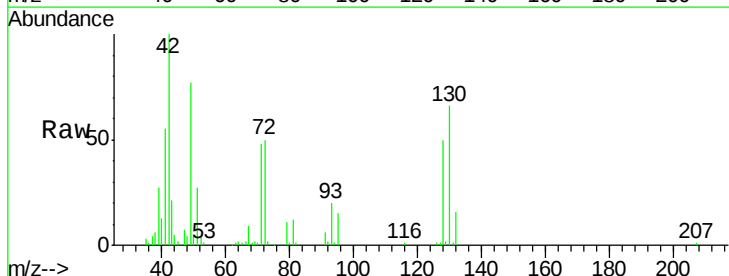
MMDadoda
 4/15/2020 9:38:25 AM

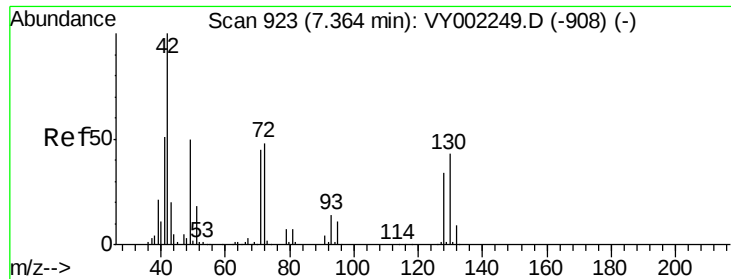


#28

Bromochloromethane
 Concen: 19.401 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.2
130	86.1	60.9	91.3





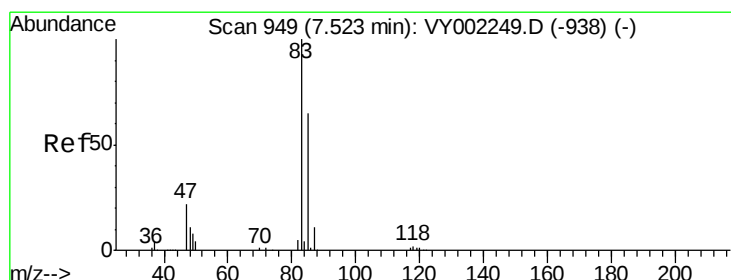
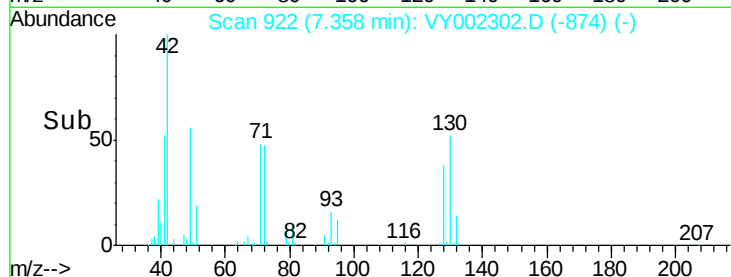
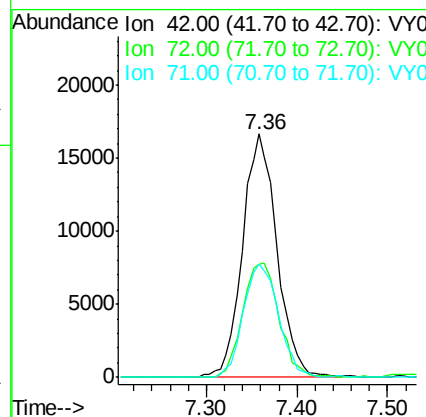
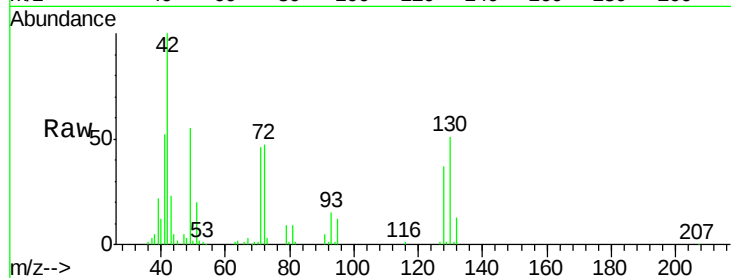
#29
Tetrahydrofuran
Concen: 89.897 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.5	36.7	55.1
71	47.5	34.7	52.1

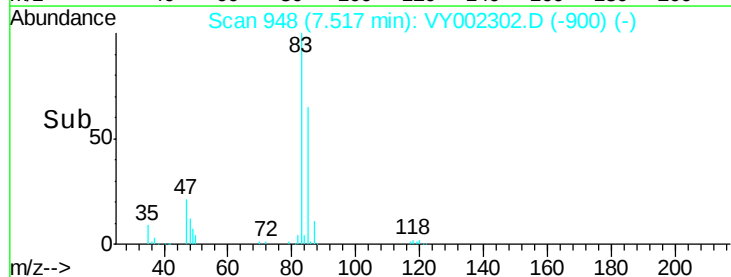
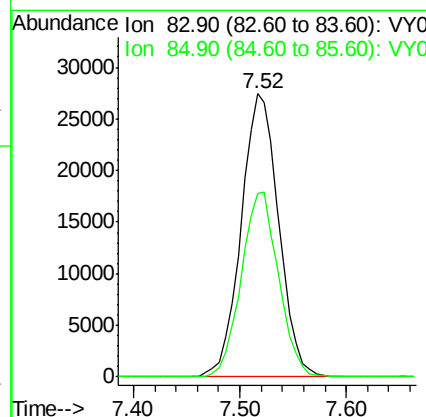
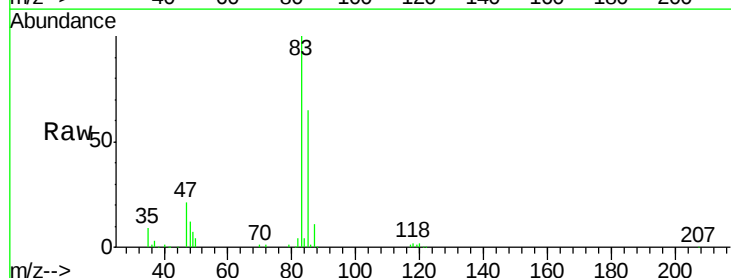
Manual Integrations
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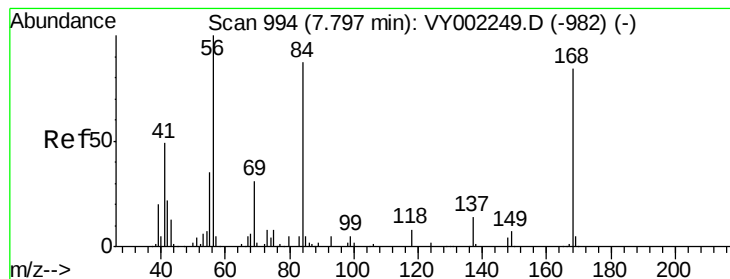
MMDadoda
4/15/2020 9:38:25 AM



#30
Chloroform
Concen: 20.259 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.0	78.0





#31

Cyclohexane

Concen: 19.586 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 56 Resp: 72885

Ion Ratio Lower Upper

56 100

69 40.6 25.0 37.6#

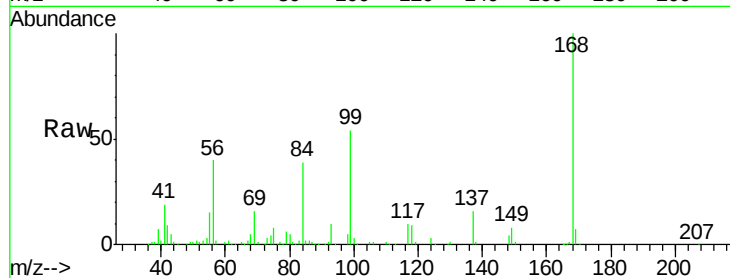
84 96.3 69.7 104.5

Manual Integrations

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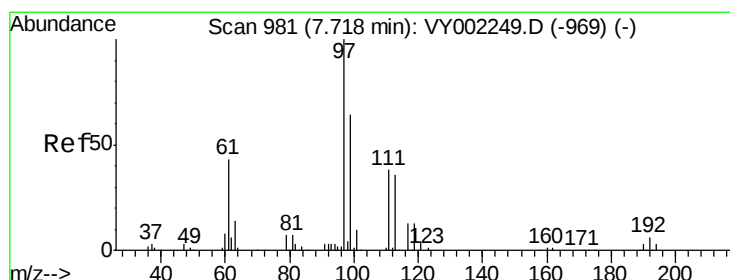
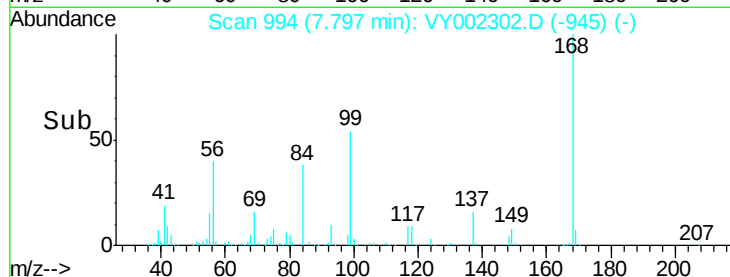
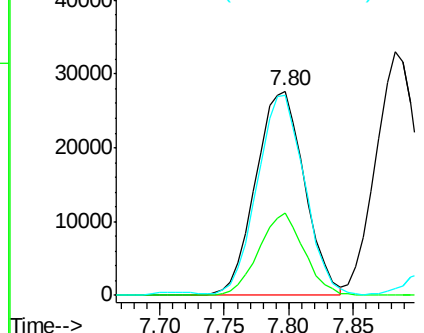
4/15/2020 9:38:25 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 19.801 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

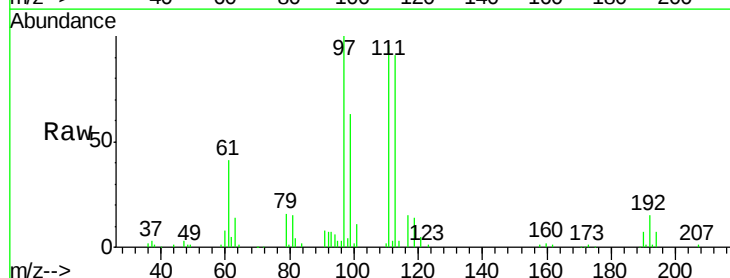
Tgt Ion: 97 Resp: 55077

Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

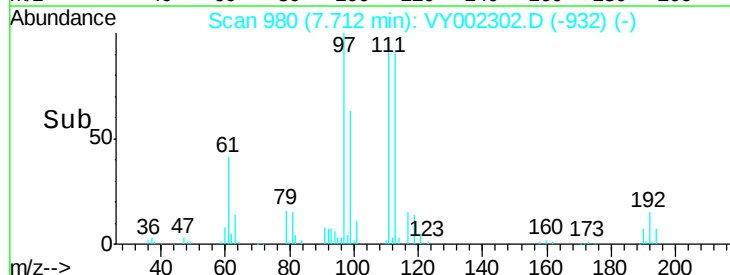
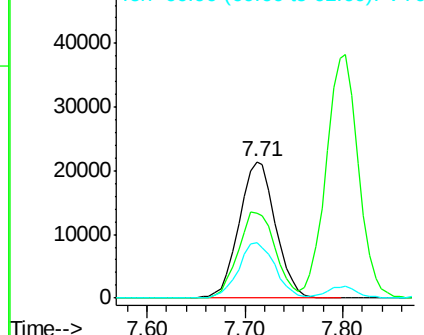
61 40.9 34.3 51.5

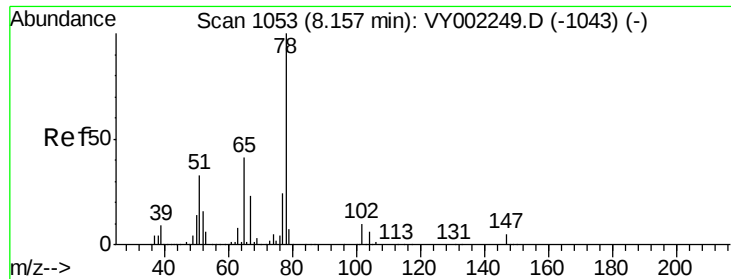


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





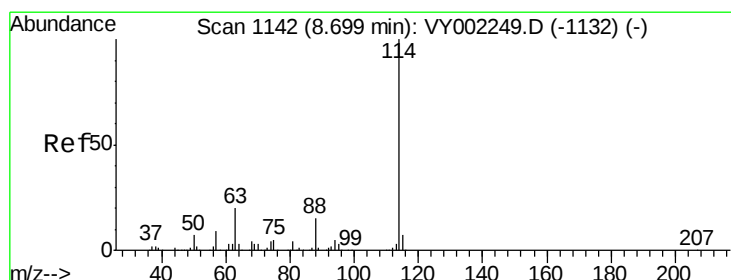
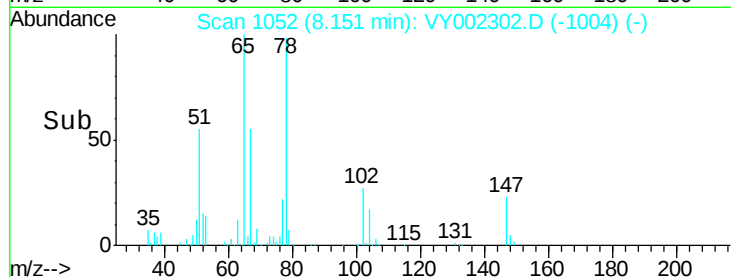
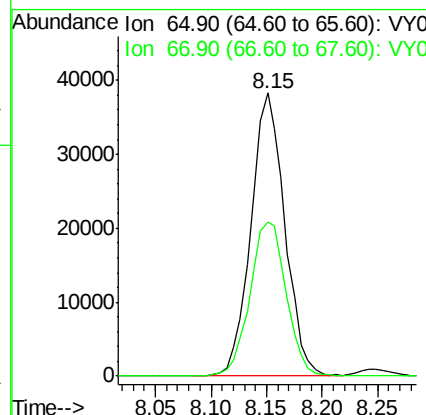
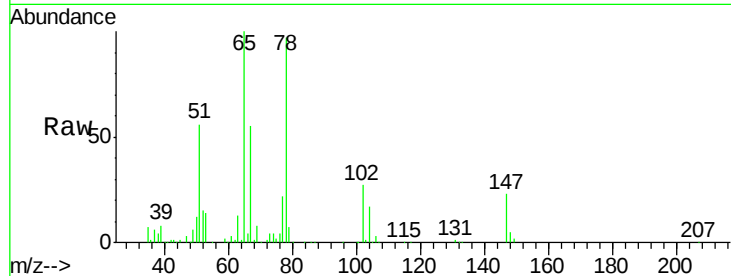
#33
 1,2-Dichloroethane-d4
 Concen: 45.881 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	58.5	0.0	114.0

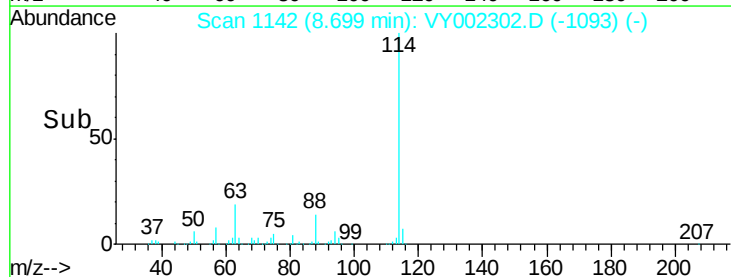
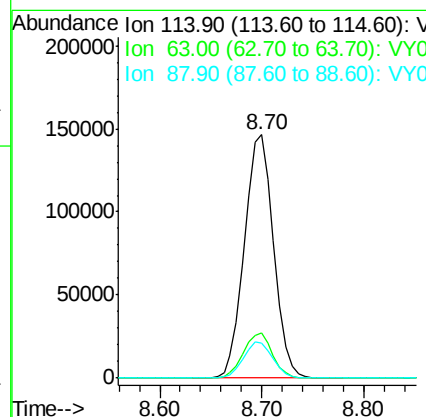
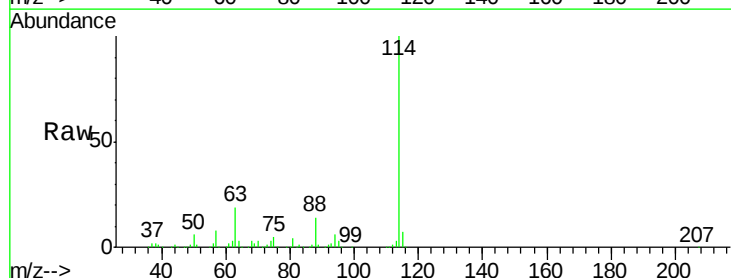
Manual Integrations
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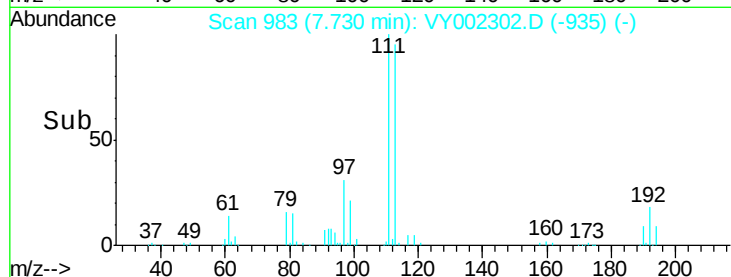
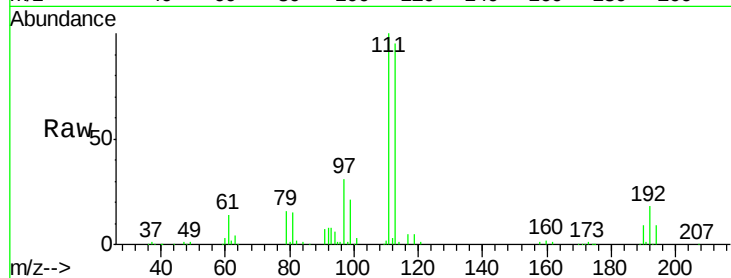
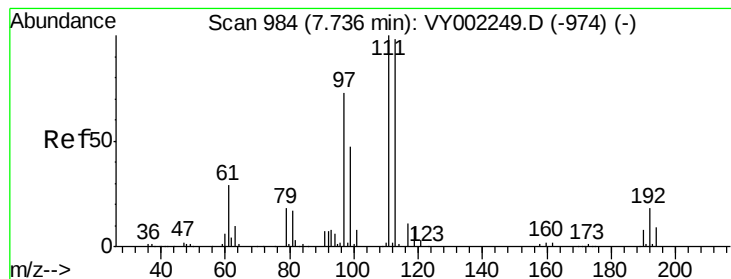
MMDadoda
 4/15/2020 9:38:25 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.0
88	14.3	0.0	31.0





#35

Dibromofluoromethane

Concen: 49.218 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002302.D

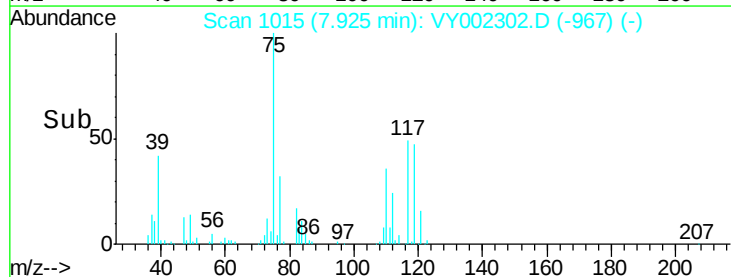
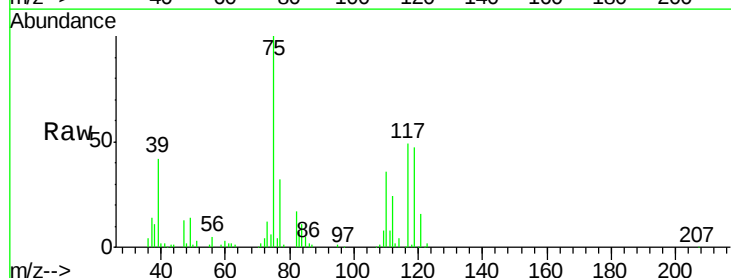
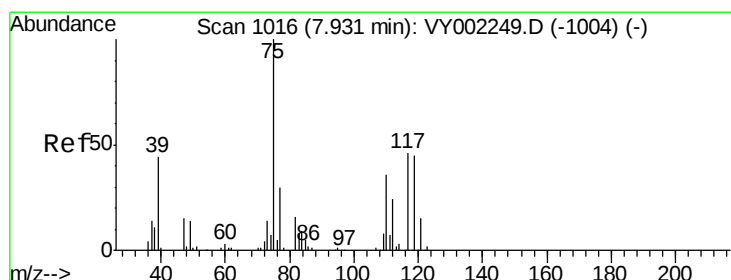
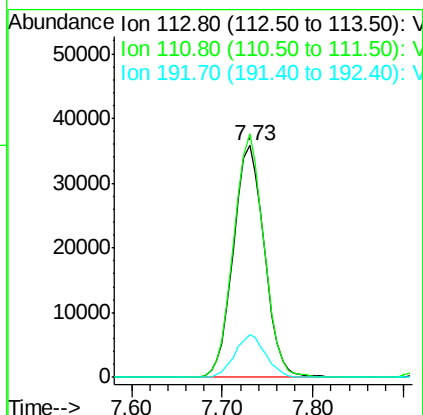
Acq: 14 Apr 2020 12:50

Tot Ion:	113	Resp:	84960
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.5	125.3
192	18.2	14.7	22.1

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.905 ug/l

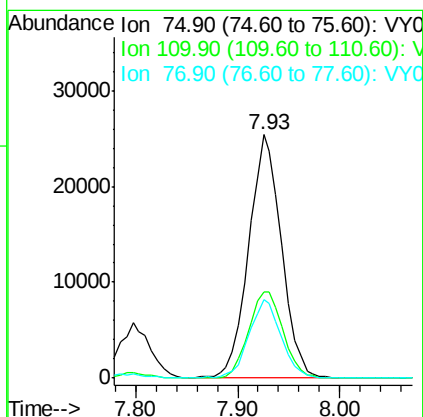
RT: 7.93 min Scan# 1015

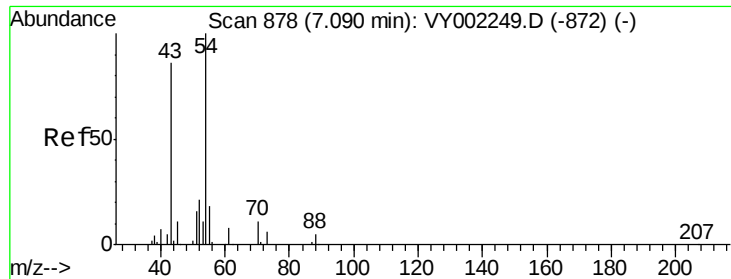
Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Tgt Ion:	75	Resp:	56878
Ion	Ratio	Lower	Upper
75	100		
110	37.0	17.8	53.3
77	31.9	24.4	36.6





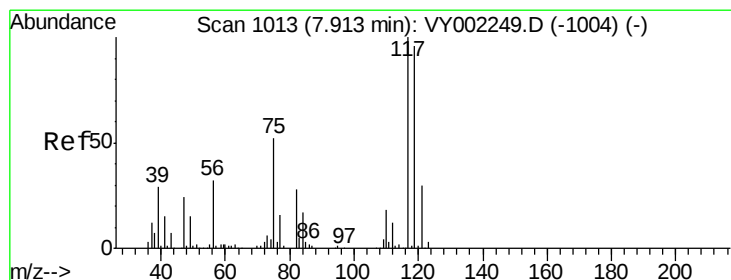
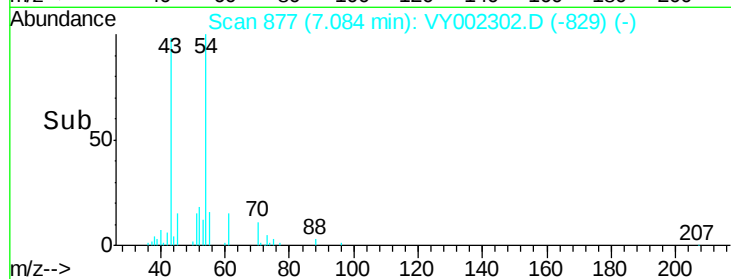
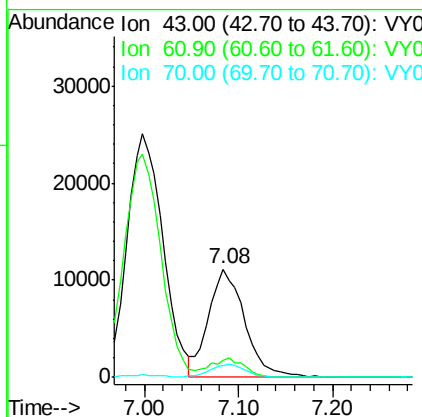
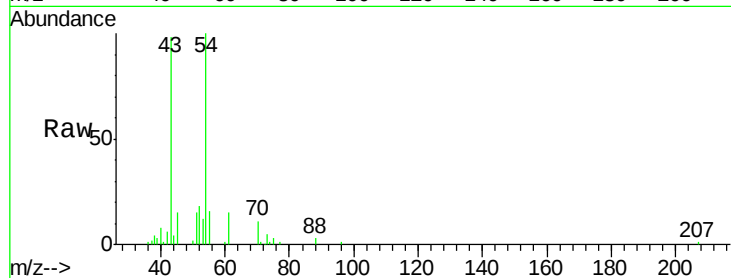
#37
Ethyl Acetate
Concen: 18.271 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.7	11.8	17.6
70	11.9	9.1	13.7

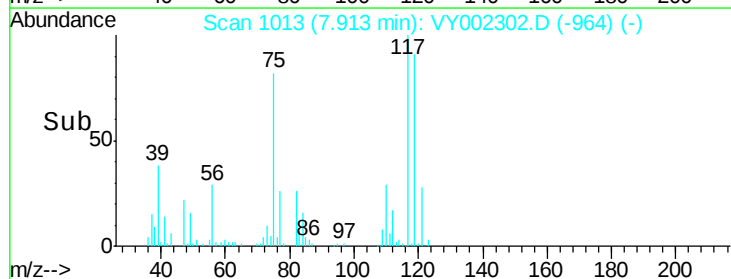
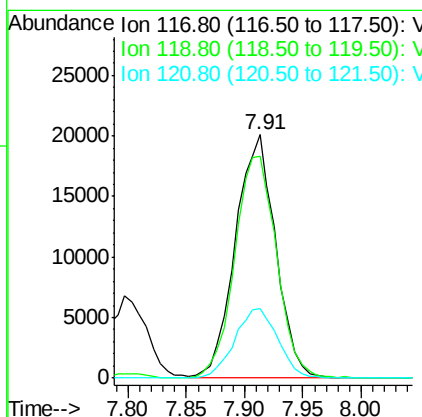
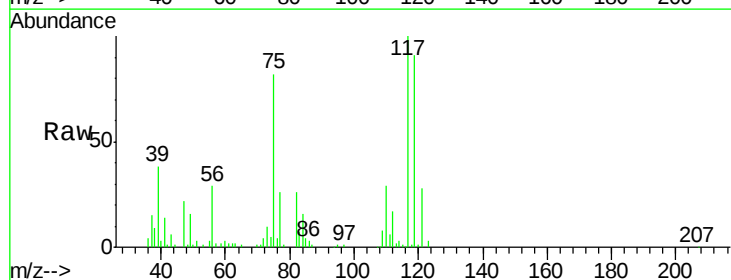
Manual Integrations
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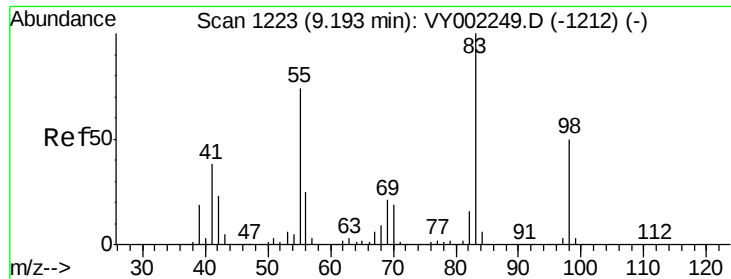
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.745 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.1	77.1	115.7
121	28.4	23.9	35.9





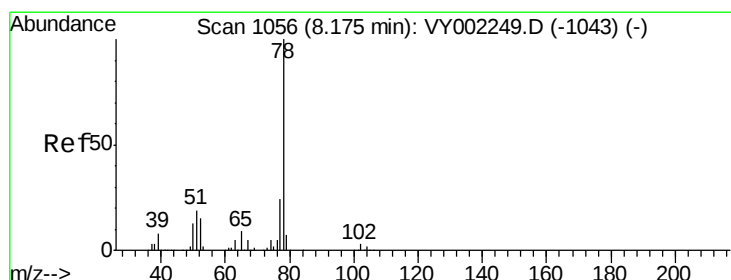
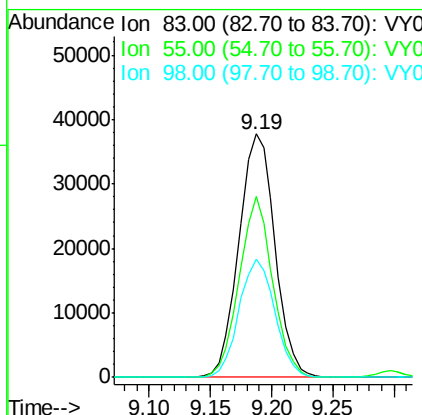
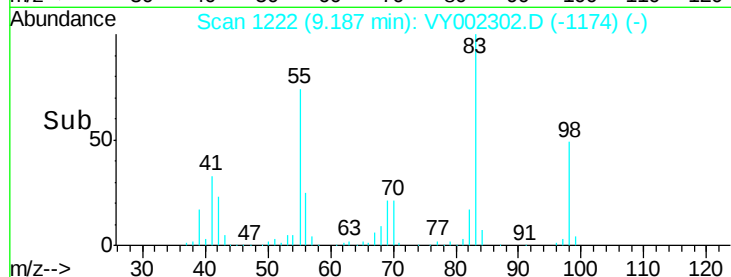
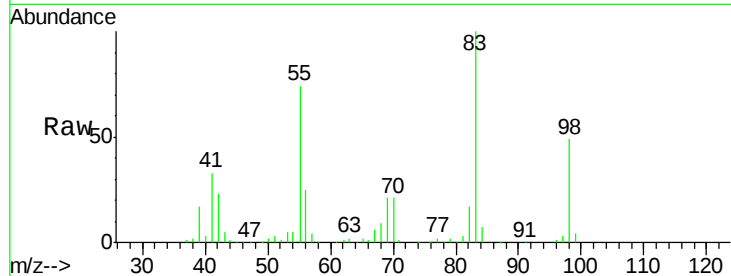
#39
Methvlcvclohexane
Concen: 19.909 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	83	Resp	77386
Ion Ratio	100	Lower	Upper
83	100		
55	74.2	59.3	88.9
98	48.7	39.6	59.4

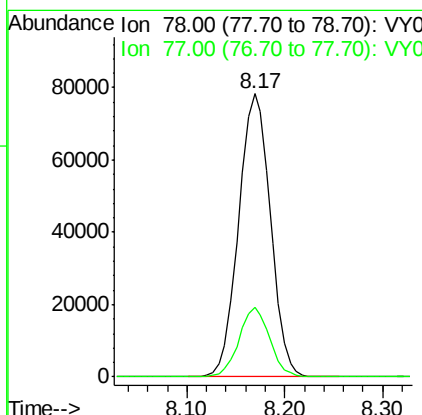
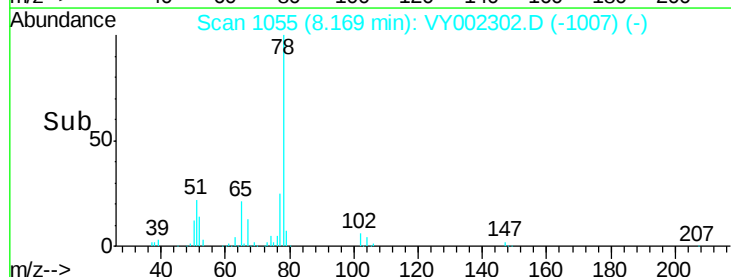
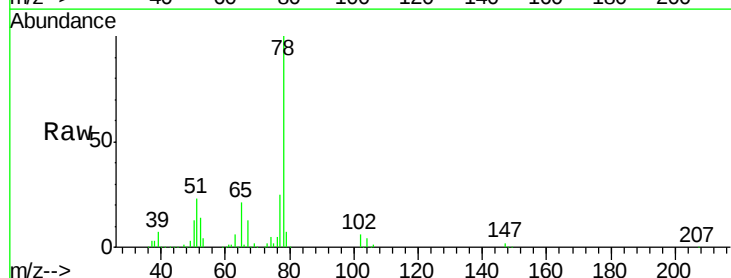
Manual Integrations
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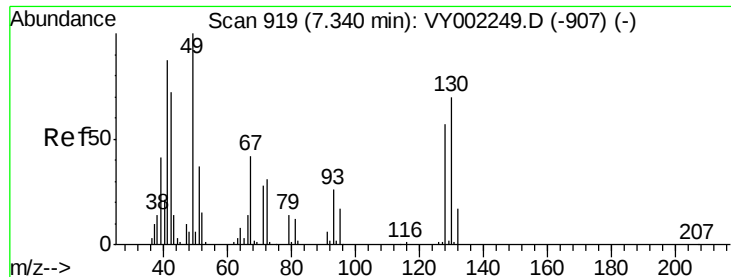
MMDadoda
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#40
Benzene
Concen: 20.340 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion	78	Resp	176338
Ion Ratio	100	Lower	Upper
78	100		
77	24.8	18.9	28.3





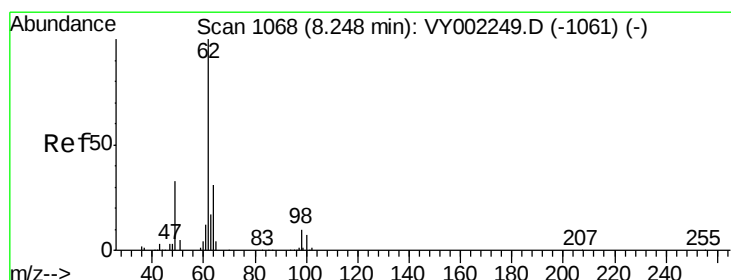
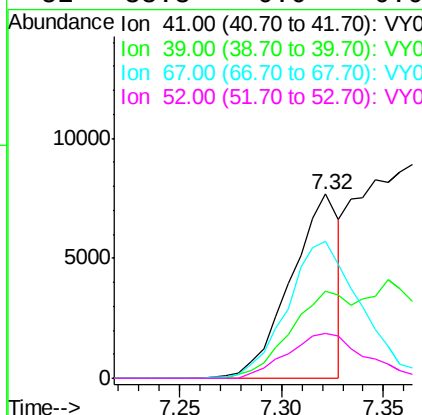
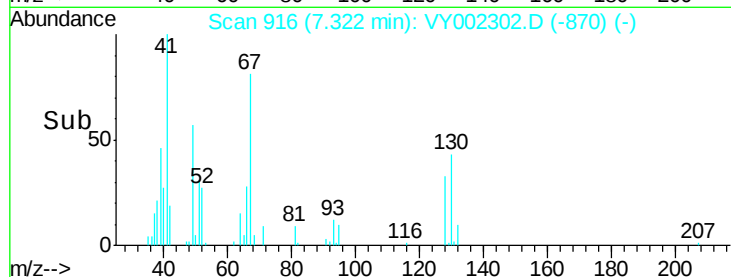
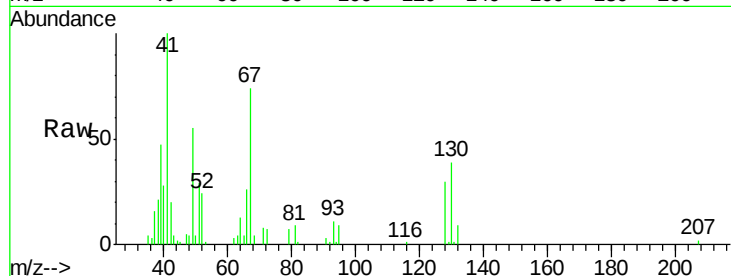
#41
Methacrylonitrile
Concen: 13.240 ug/l
RT: 7.32 min Scan# 916
Delta R.T. -0.02 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.4	0.0	0.0#
67	111.6	0.0	0.0#
52	38.3	0.0	0.0#

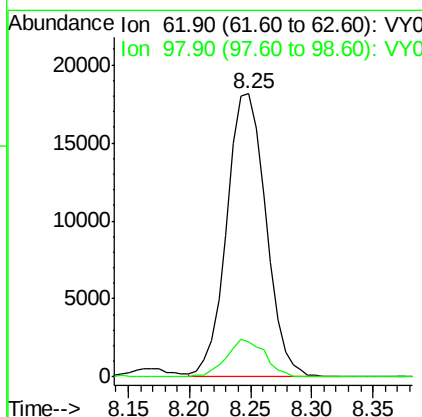
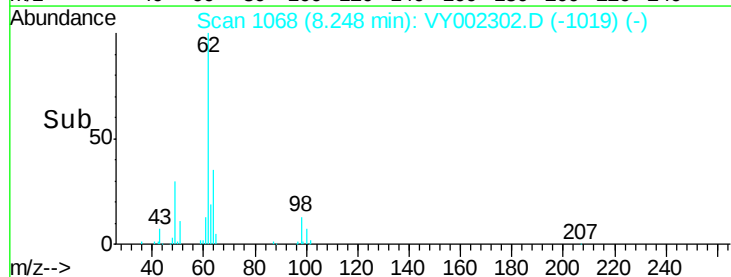
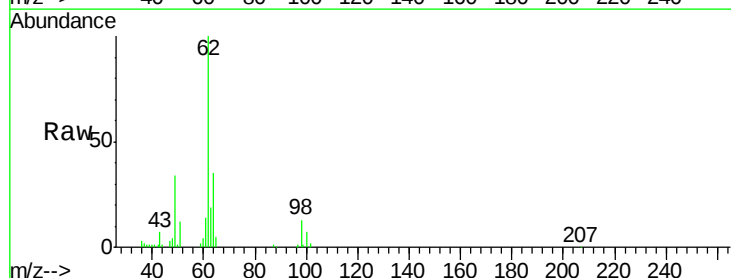
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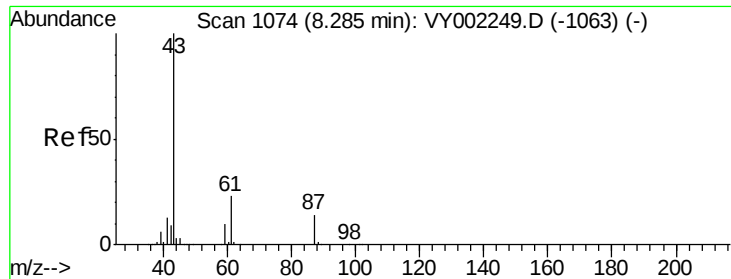
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.829 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	13.0	0.0	22.6





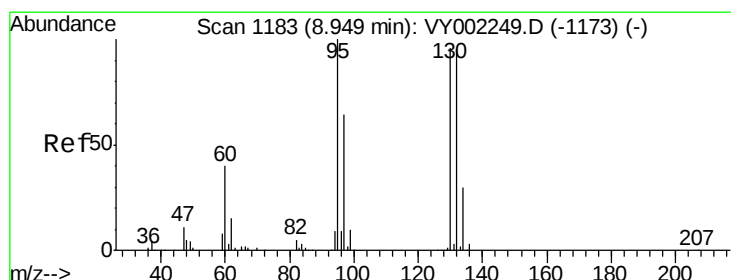
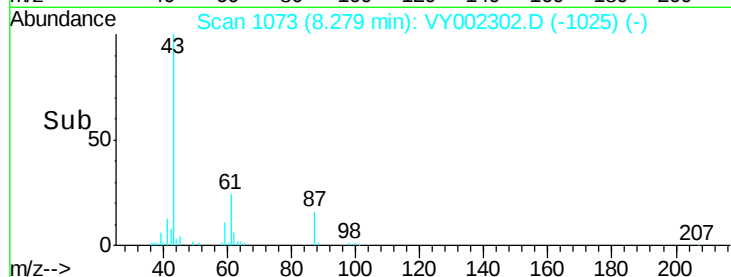
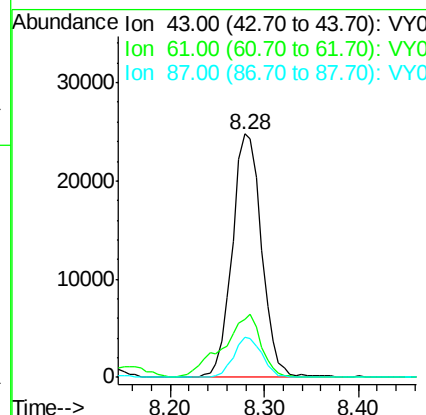
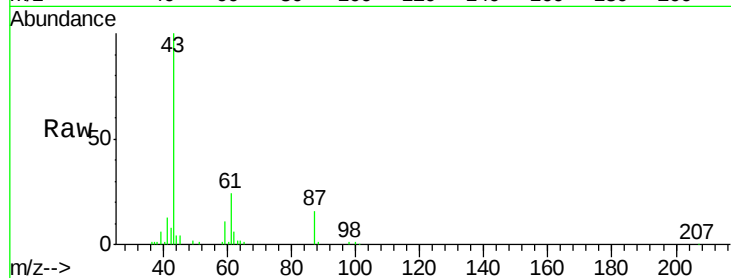
#43
Isopropyl Acetate
Concen: 18.077 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.6	24.9	37.3
87	15.8	11.7	17.5

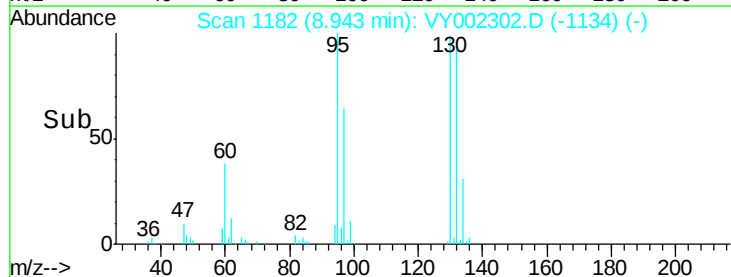
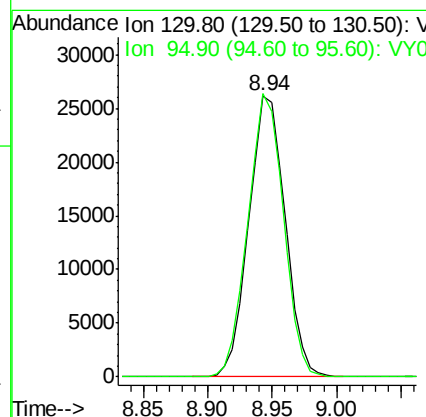
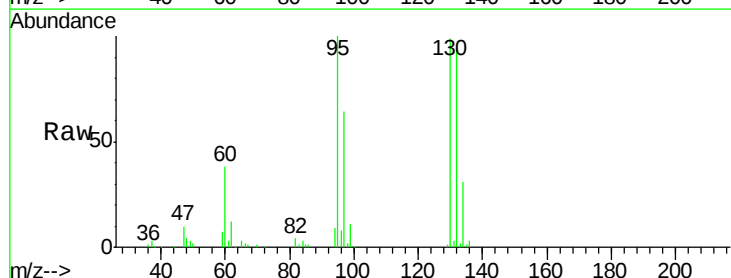
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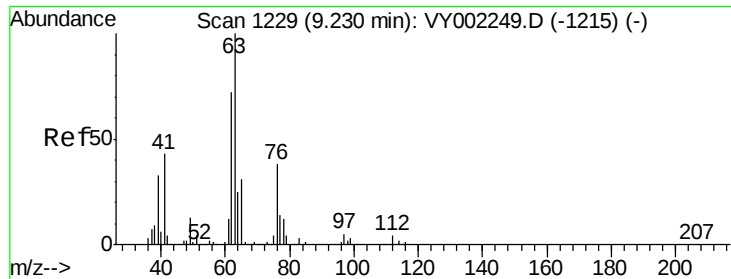
MMDadoda
4/15/2020 9:38:25 AM



#44
Trichloroethene
Concen: 19.998 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	208.2





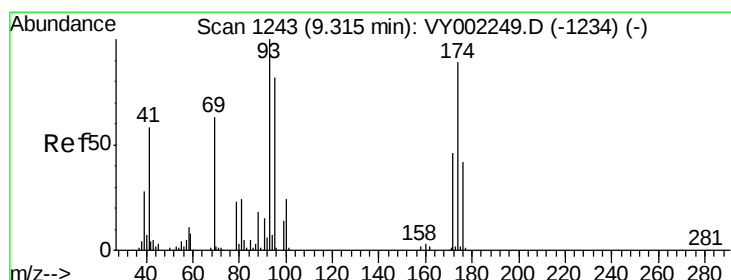
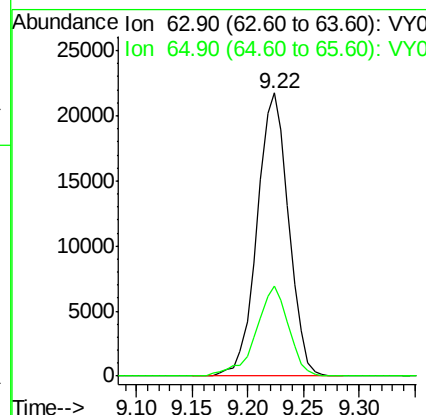
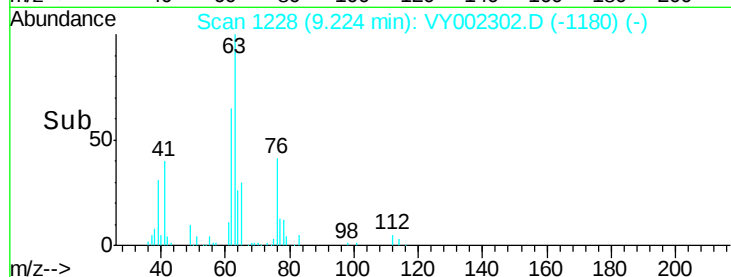
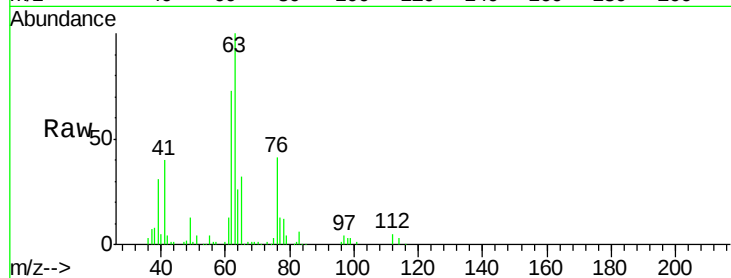
#45
 1,2-Dichloropropane
 Concen: 19.979 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.6	37.0

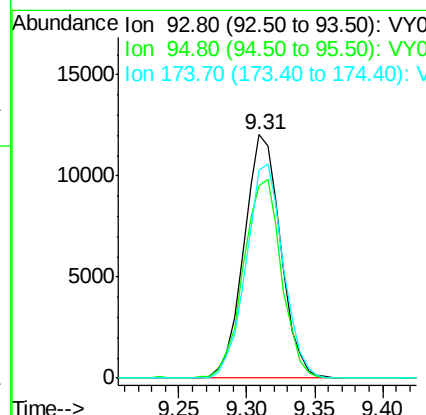
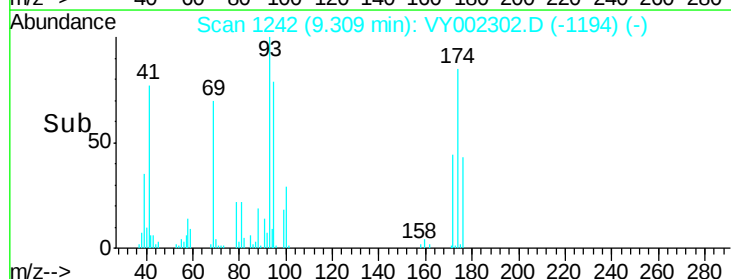
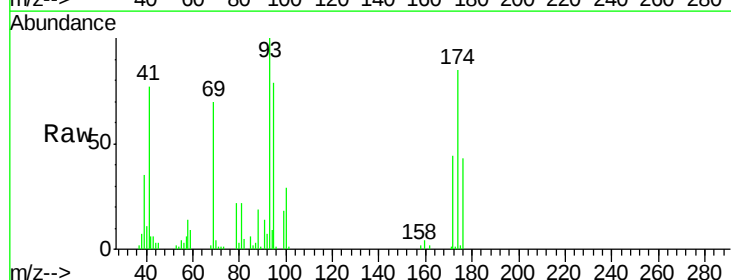
Manual Integrations
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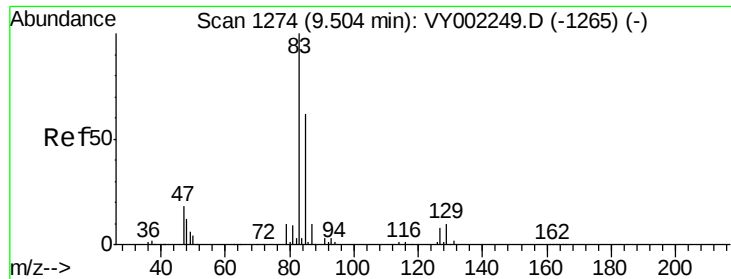
MMDadoda
 4/15/2020 9:38:25 AM



#46
 Dibromomethane
 Concen: 20.175 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	67.3	100.9
174	89.2	72.5	108.7





#47

Bromodichloromethane

Concen: 20.092 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

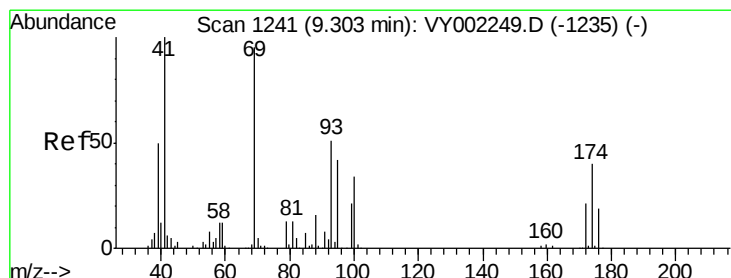
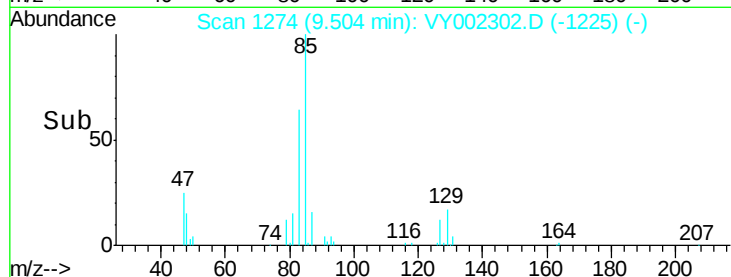
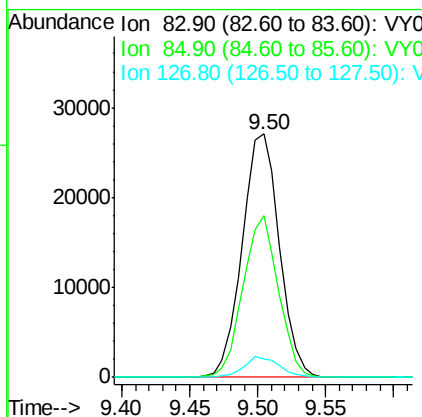
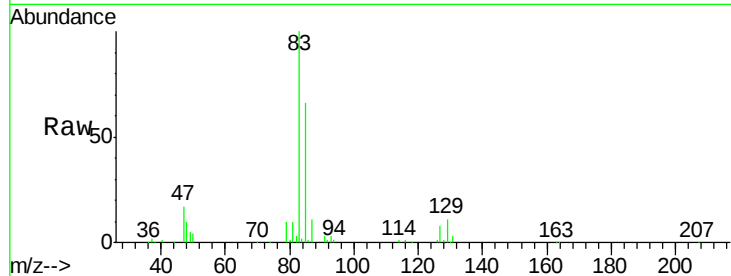
ClientSampleId :

VY0414SBS01

Tot Ion:	83	Resp:	51851
Ion	Ratio	Lower	Upper
83	100		
85	66.2	49.7	74.5
127	7.7	6.2	9.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.623 ug/l

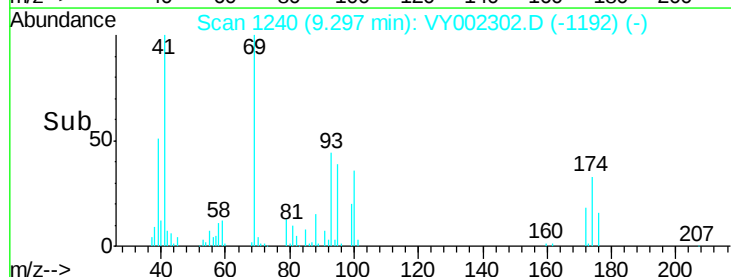
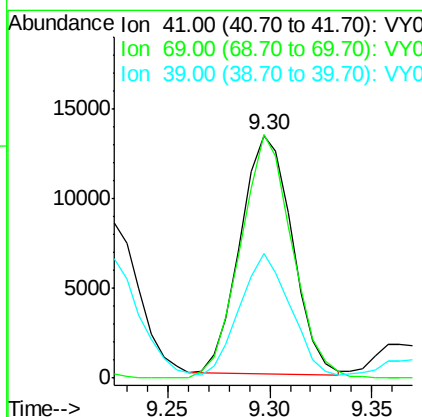
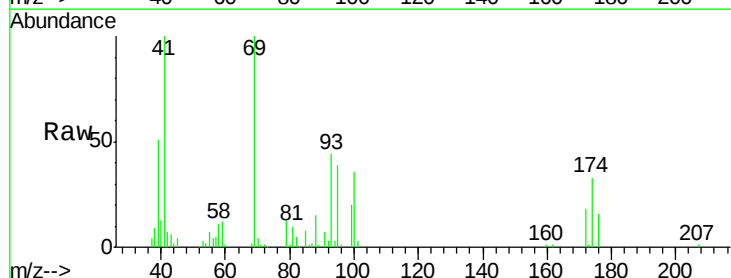
RT: 9.30 min Scan# 1240

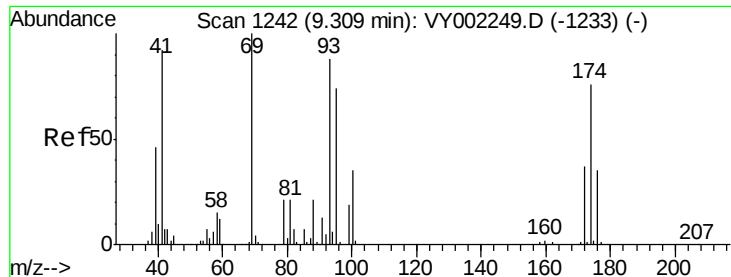
Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Tgt Ion:	41	Resp:	23525
Ion	Ratio	Lower	Upper
41	100		
69	101.5	76.7	115.1
39	51.9	40.5	60.7





#49

1,4-Dioxane

Concen: 397.372 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

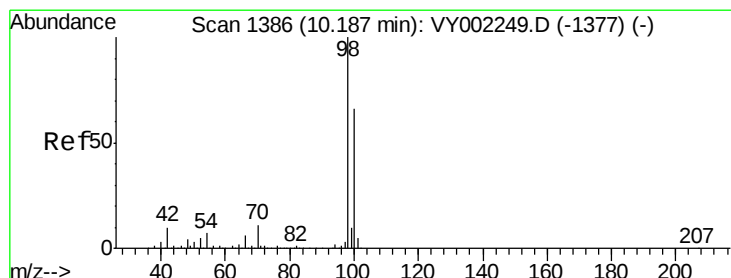
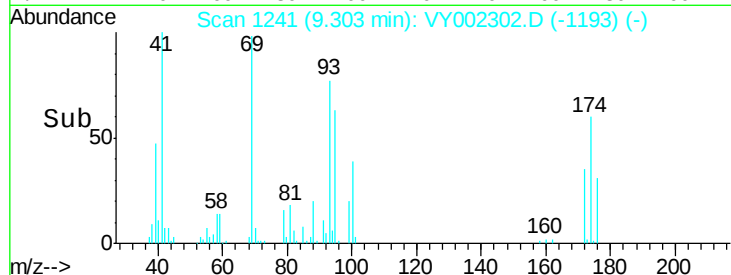
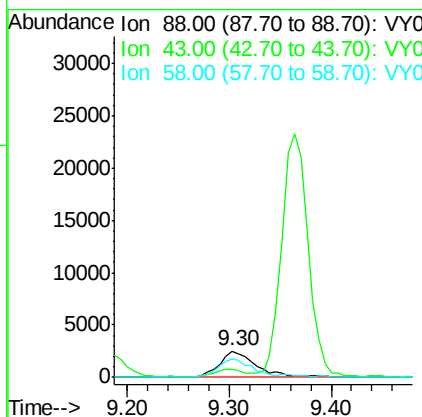
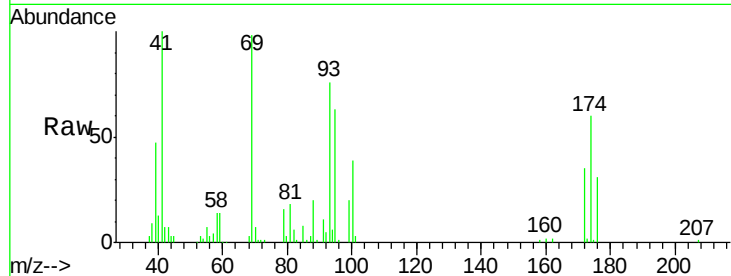
ClientSampleId :

VY0414SBS01

Tot Ion:	88	Resp:	6322
Ion	Ratio	Lower	Upper
88	100		
43	29.0	22.2	33.2
58	69.9	57.6	86.4

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#50

Toluene-d8

Concen: 49.534 ug/l

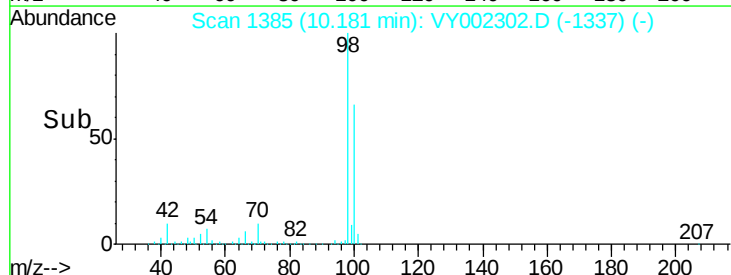
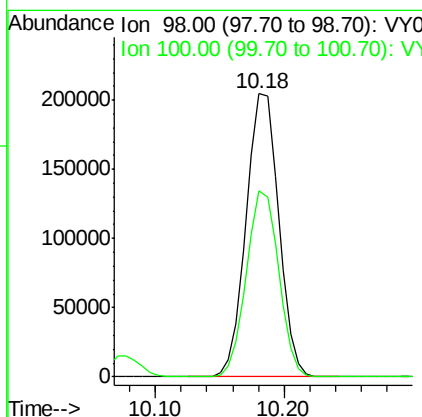
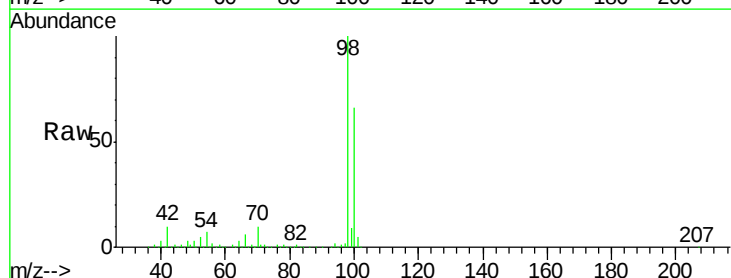
RT: 10.18 min Scan# 1385

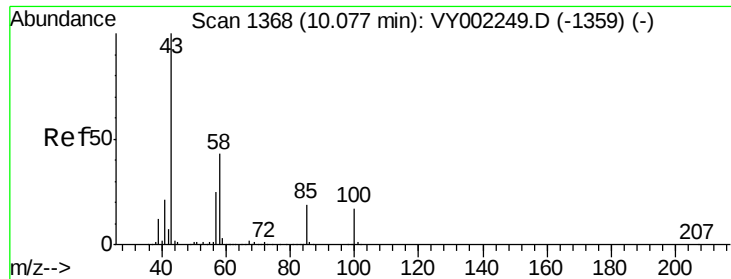
Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Tgt Ion:	98	Resp:	357889
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 94.058 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 43 Resp: 145916

Ion Ratio Lower Upper

43 100

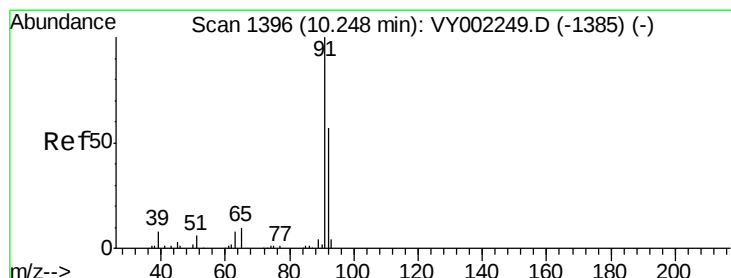
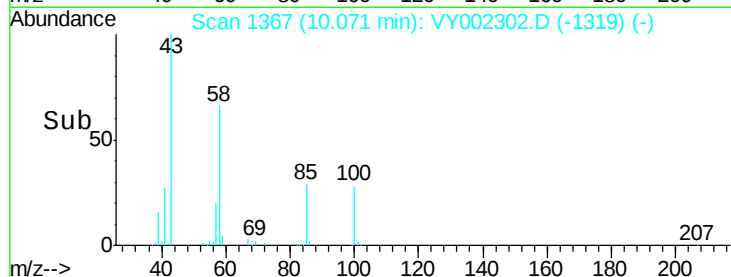
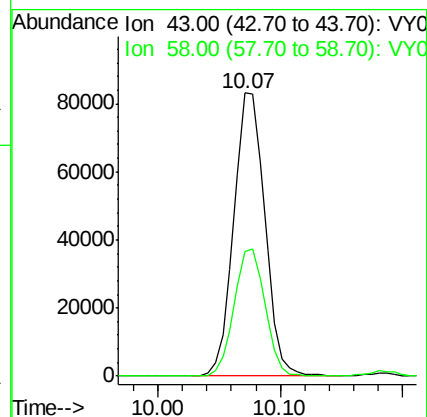
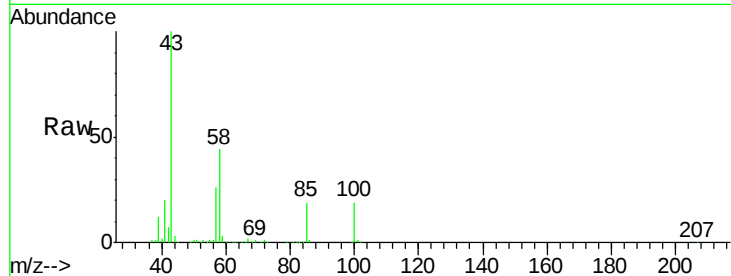
58 44.8 33.8 50.8

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#52

Toluene

Concen: 20.306 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY002302.D

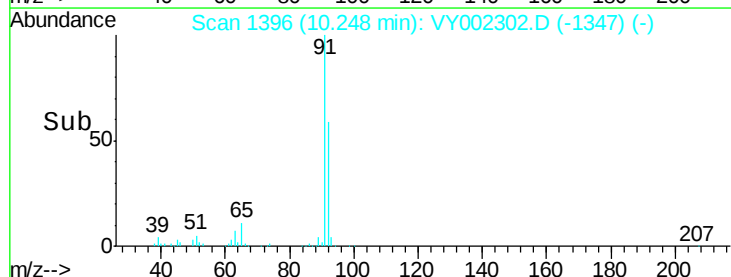
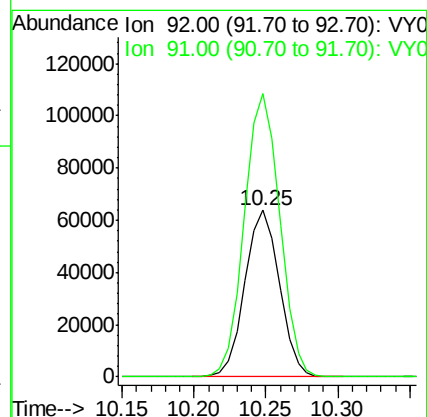
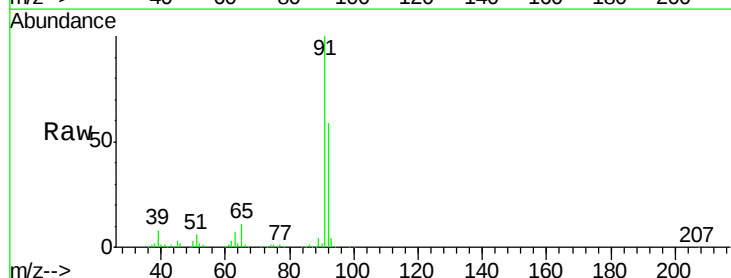
Acq: 14 Apr 2020 12:50

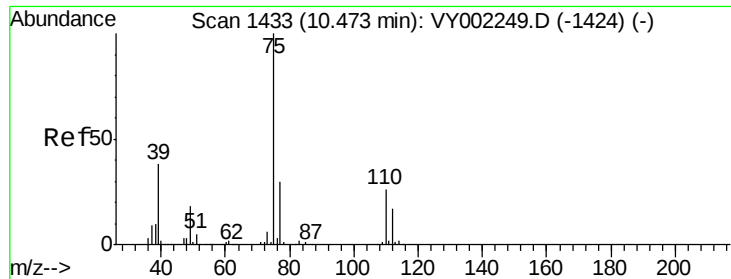
Tgt Ion: 92 Resp: 106093

Ion Ratio Lower Upper

92 100

91 174.2 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 19.716 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 75 Resp: 55436

Ion Ratio Lower Upper

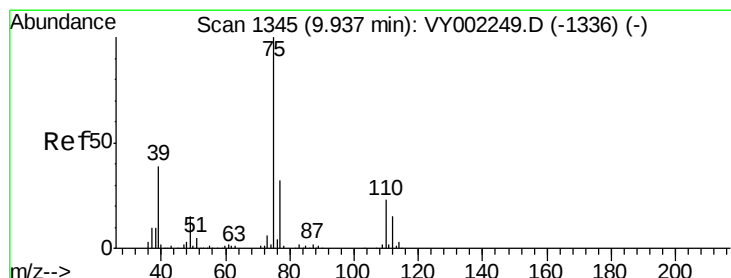
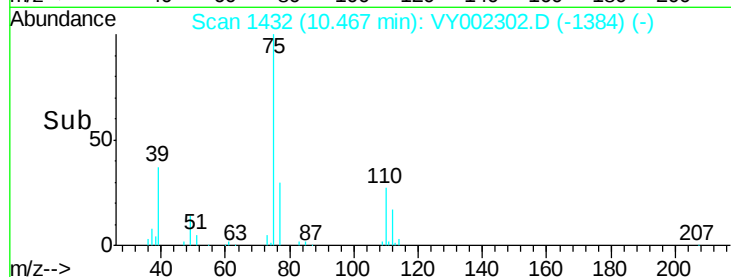
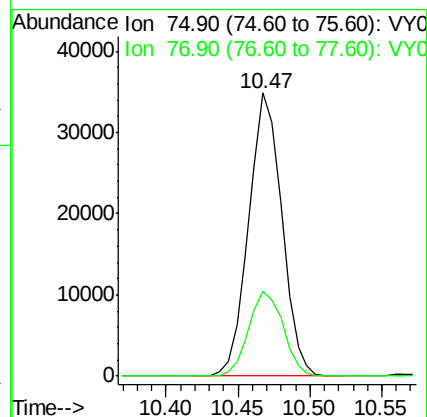
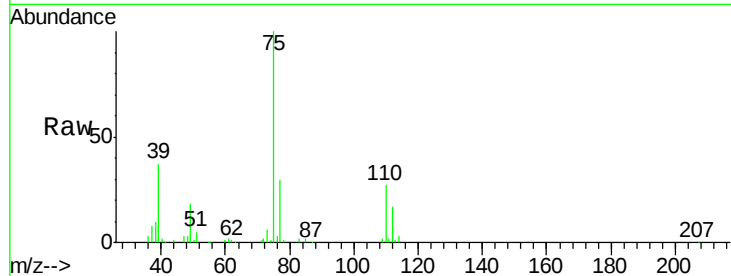
75 100

77 30.2 24.2 36.2

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#54

cis-1,3-Dichloropropene

Concen: 19.738 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

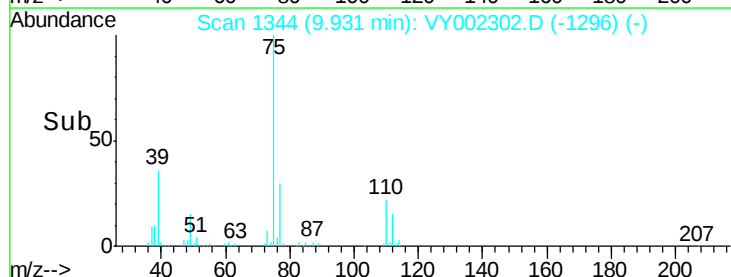
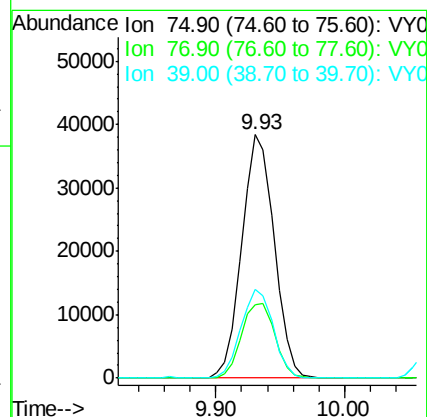
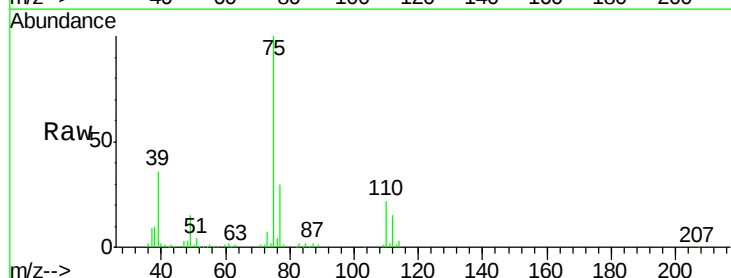
Tgt Ion: 75 Resp: 66723

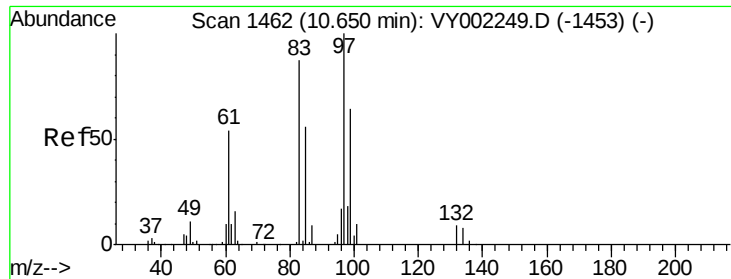
Ion Ratio Lower Upper

75 100

77 29.9 25.8 38.8

39 36.2 30.8 46.2





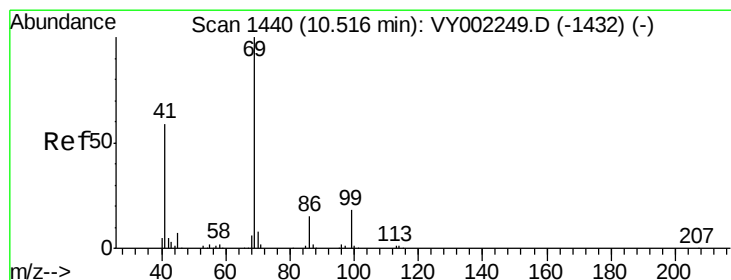
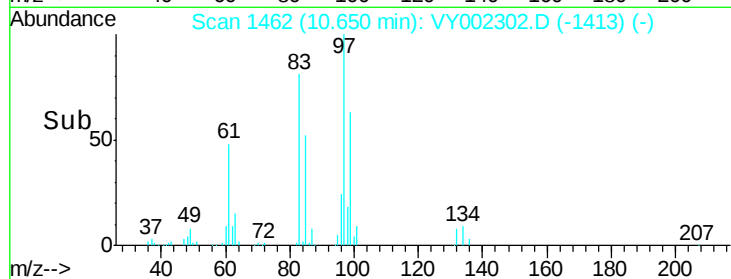
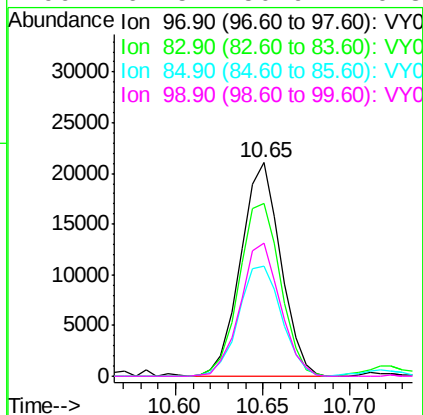
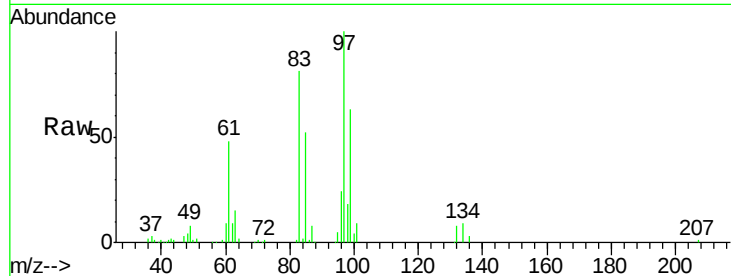
#55
 1,1,2-Trichloroethane
 Concen: 20.394 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion:	97	Resp:	33581
Ion	Ratio	Lower	Upper
97	100		
83	80.7	69.5	104.3
85	51.6	45.2	67.8
99	62.5	50.9	76.3

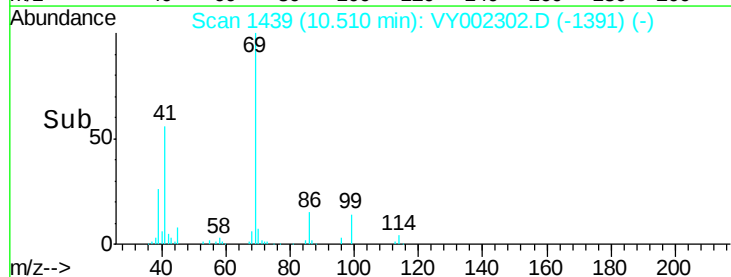
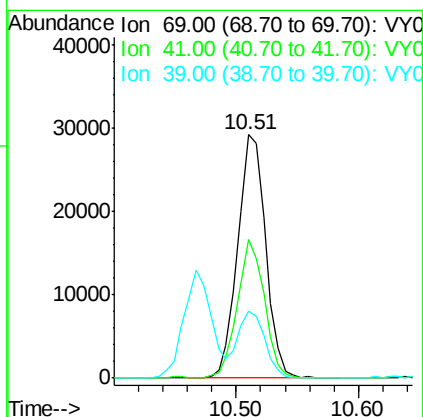
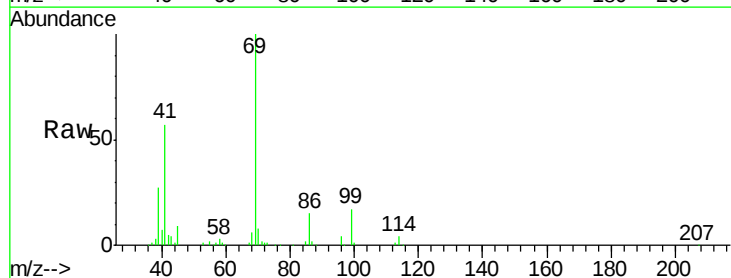
Manual Integrations
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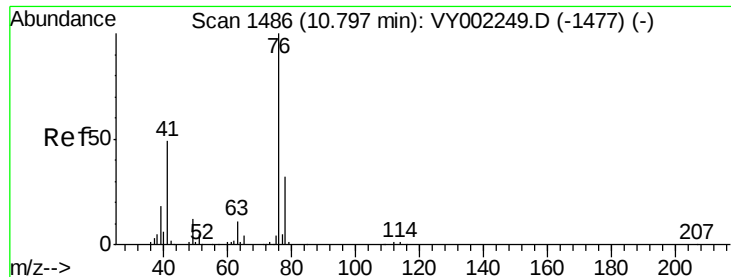
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 19.653 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion:	69	Resp:	46187
Ion	Ratio	Lower	Upper
69	100		
41	54.2	47.9	71.9
39	26.4	23.8	35.6





#57

1,3-Dichloropropane

Concen: 19.760 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 76 Resp: 57189

Ion Ratio Lower Upper

76 100

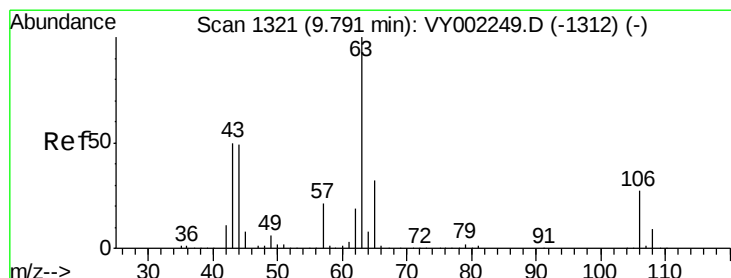
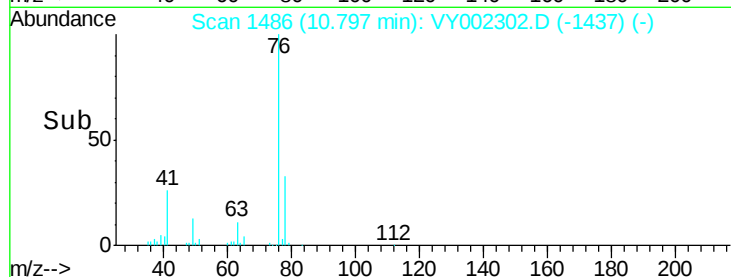
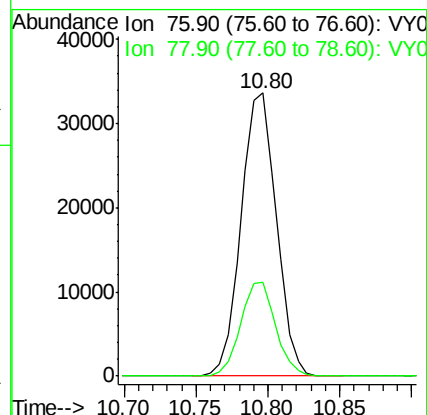
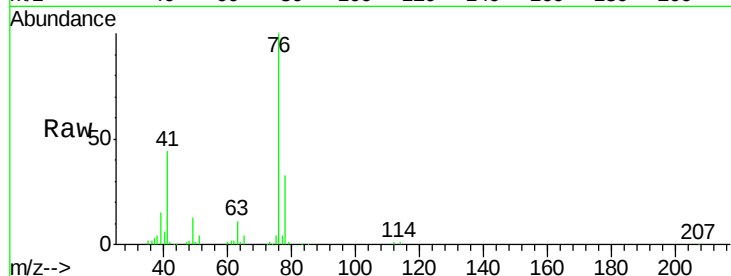
78 32.8 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 99.215 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY002302.D

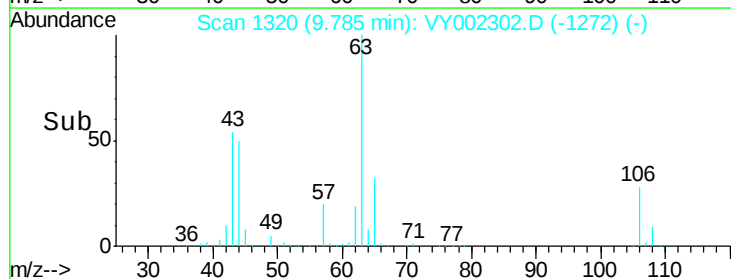
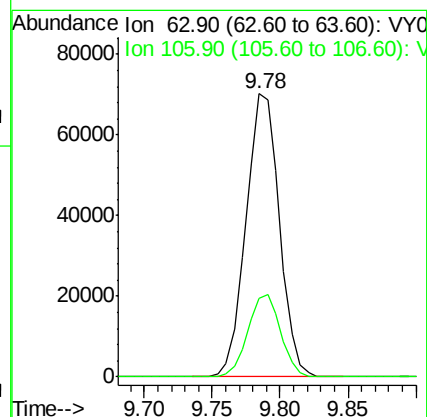
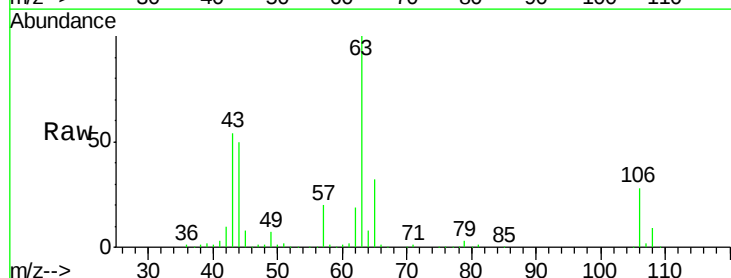
Acq: 14 Apr 2020 12:50

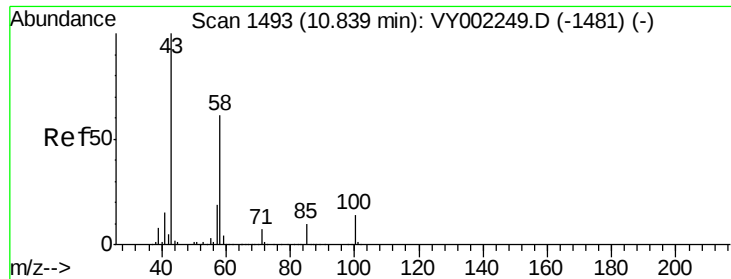
Tgt Ion: 63 Resp: 120745

Ion Ratio Lower Upper

63 100

106 28.4 22.2 33.2





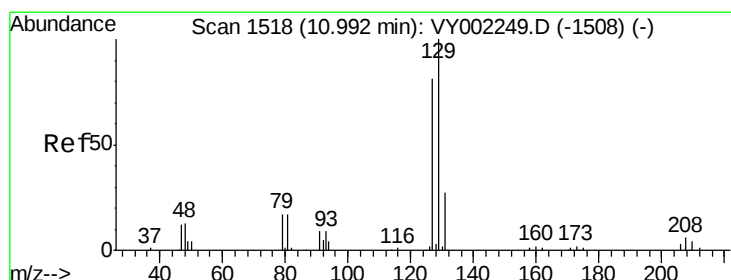
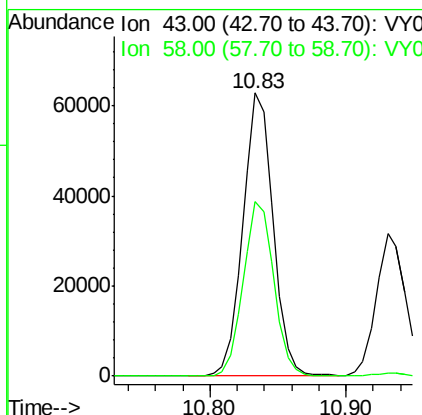
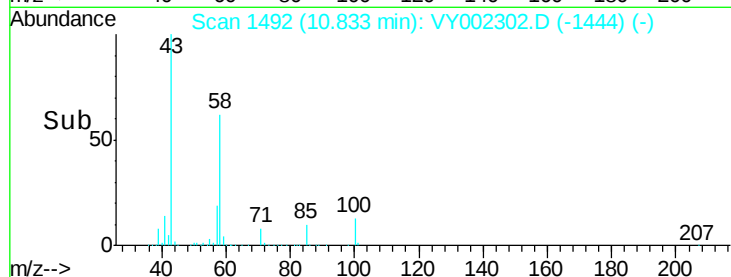
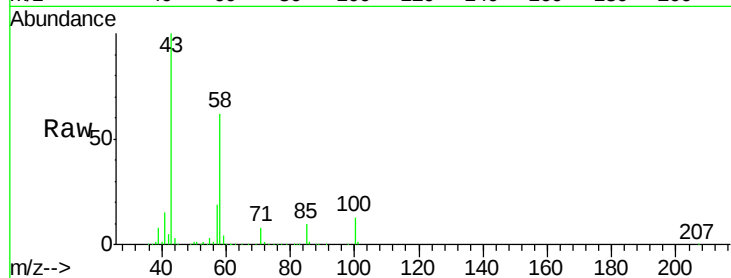
#59
2-Hexanone
Concen: 90.558 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion: 43 Resp: 97502
Ion Ratio Lower Upper
43 100
58 62.4 29.8 89.3

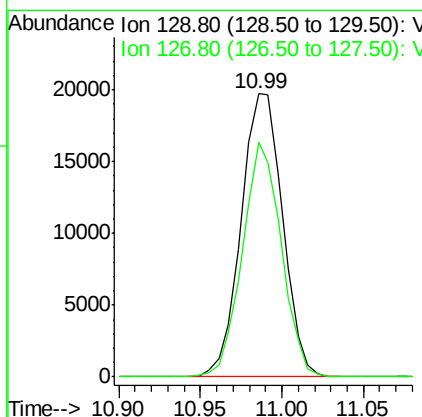
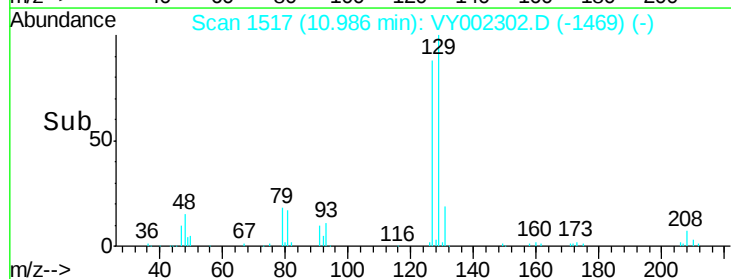
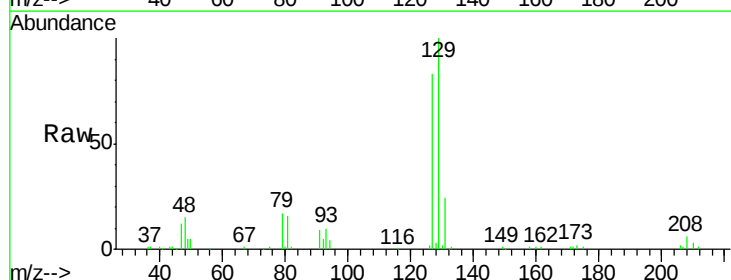
Manual Integrations
APPROVED

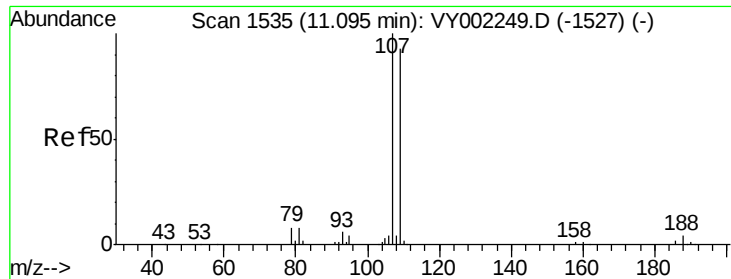
MMDadoda
4/15/2020 9:38:25 AM



#60
Dibromochloromethane
Concen: 19.896 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion: 129 Resp: 34933
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0





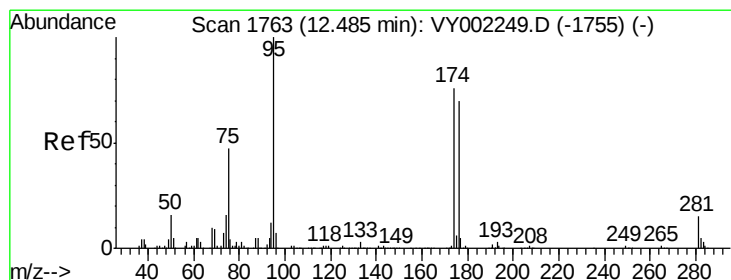
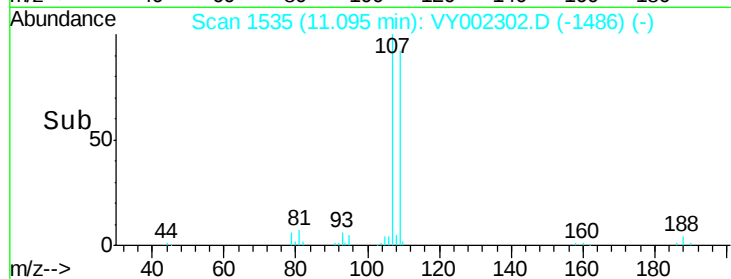
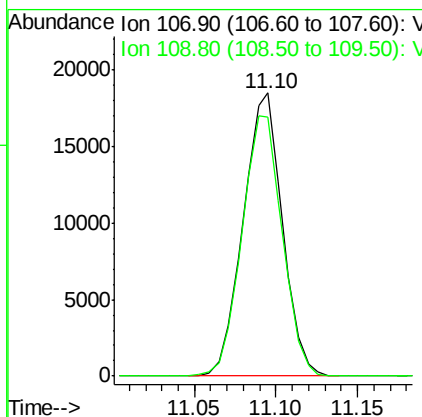
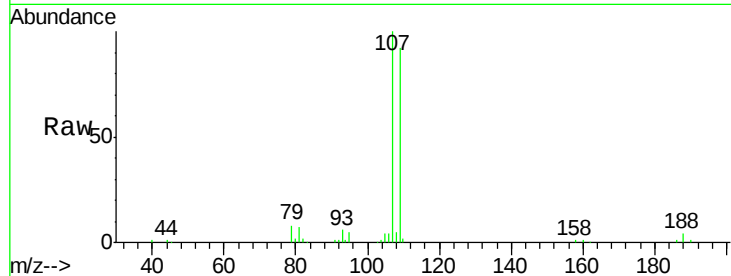
#61
 1,2-Dibromoethane
 Concen: 19.654 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.6	113.4

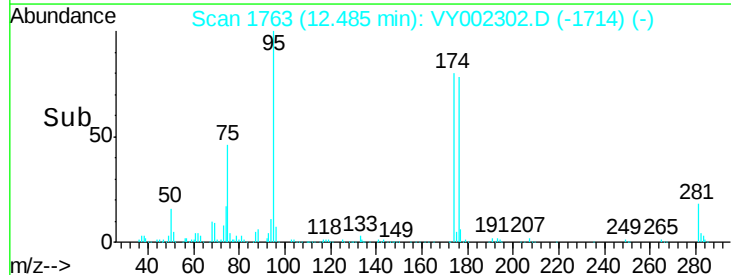
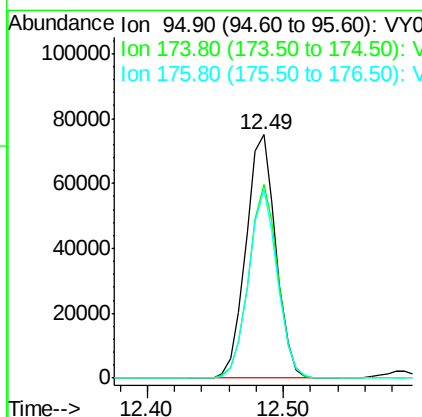
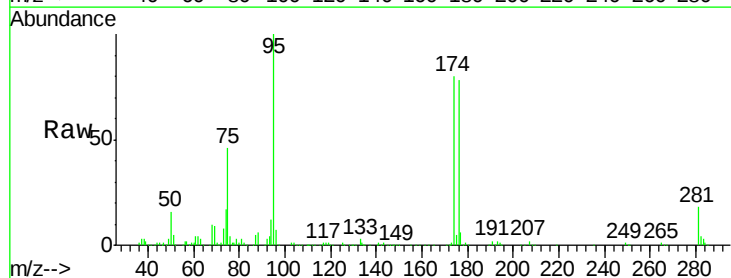
Manual Integrations
 APPROVED

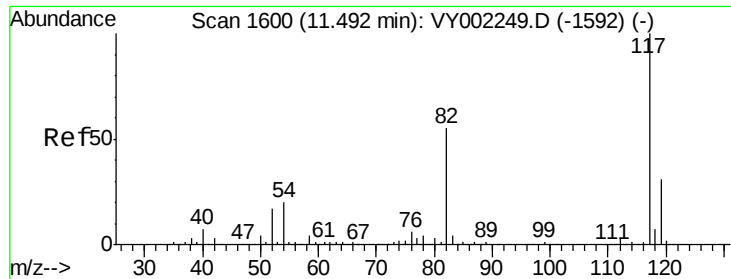
MMDadoda
 4/15/2020 9:38:25 AM



#62
 4-Bromofluorobenzene
 Concen: 48.331 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	150.6
176	74.8	0.0	141.4





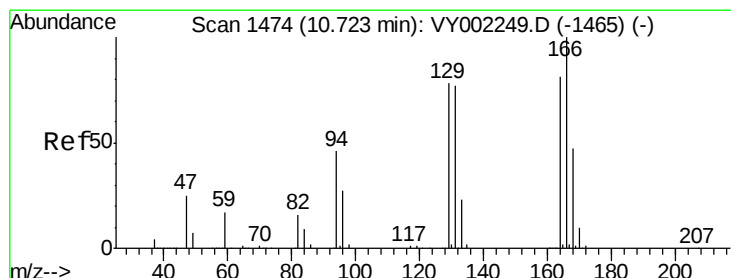
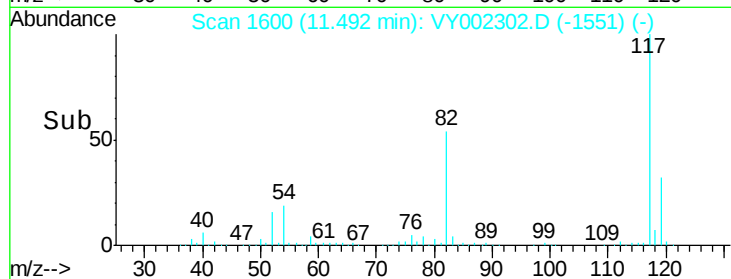
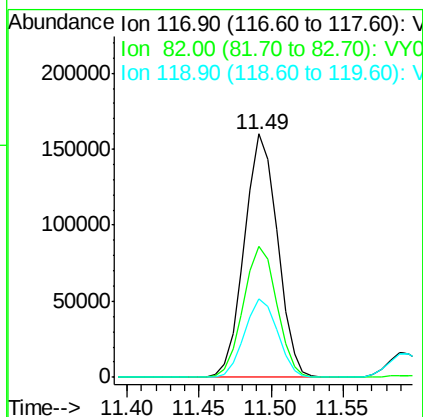
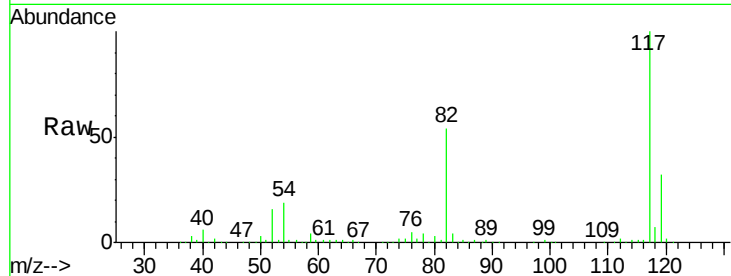
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.2	66.4
119	32.0	25.1	37.7

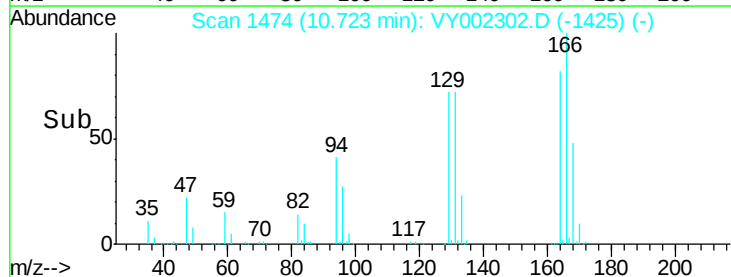
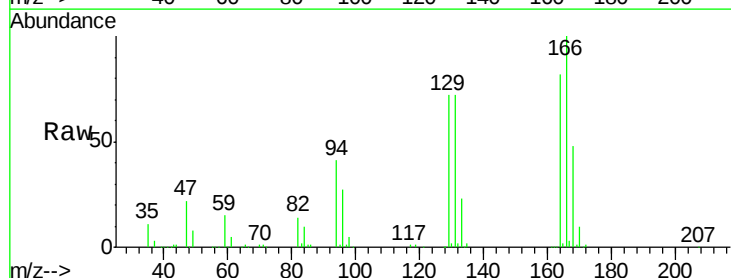
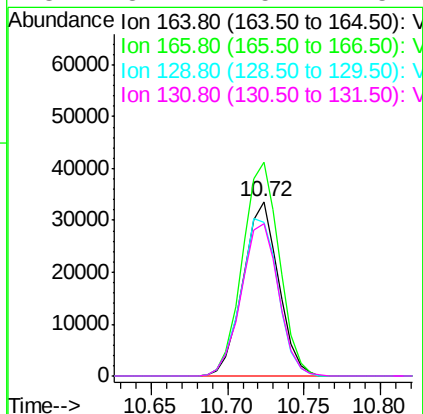
Manual Integrations
APPROVED

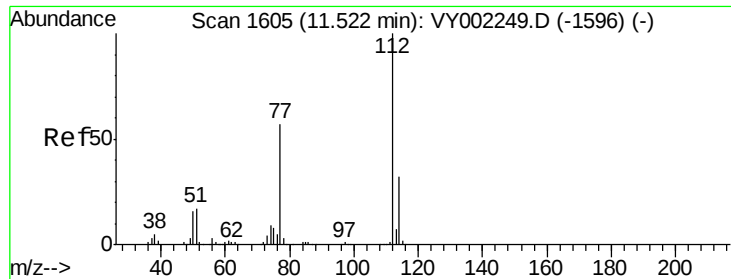
MMDadoda
4/15/2020 9:38:25 AM



#64
Tetrachloroethene
Concen: 21.049 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.5	98.4	147.6
129	88.3	76.6	115.0
131	87.7	75.4	113.2





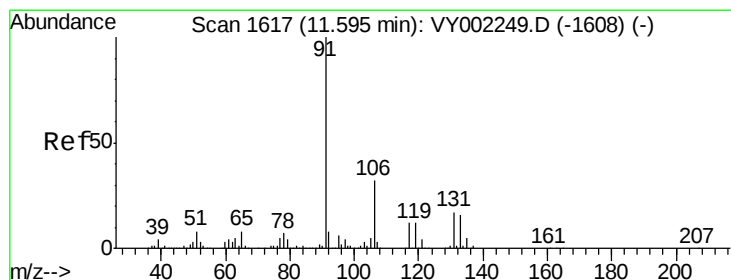
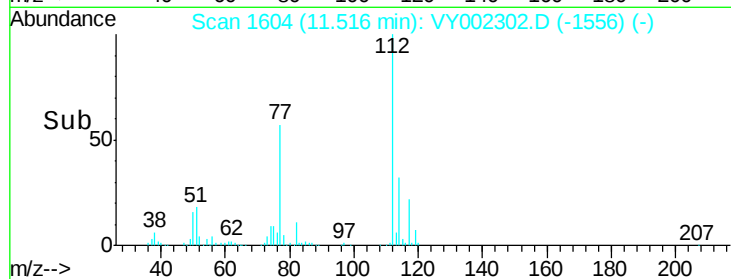
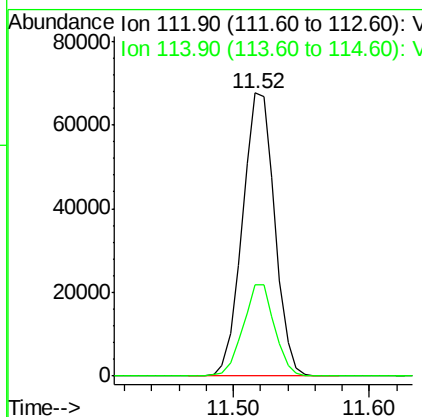
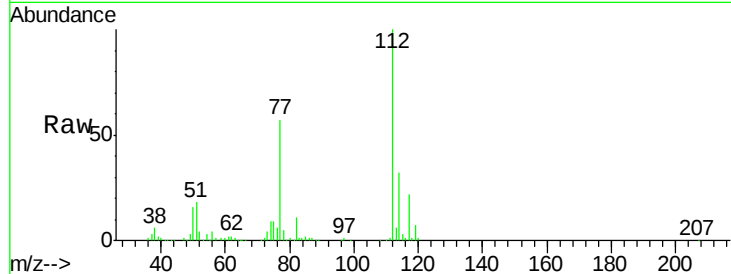
#65
Chlorobenzene
Concen: 21.156 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.6	38.4

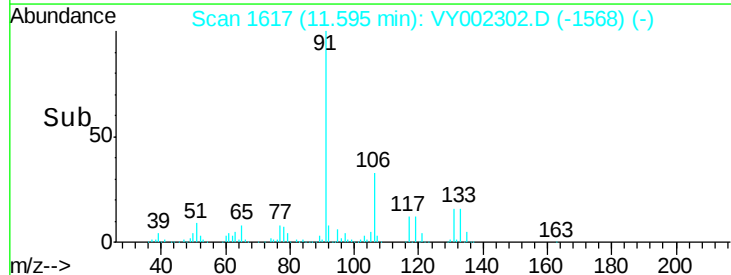
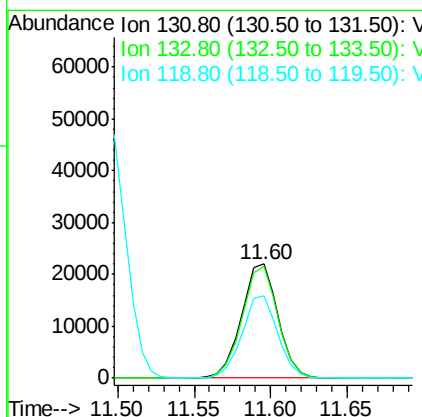
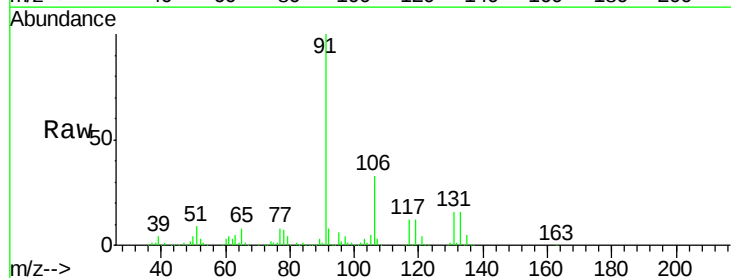
Manual Integrations
APPROVED

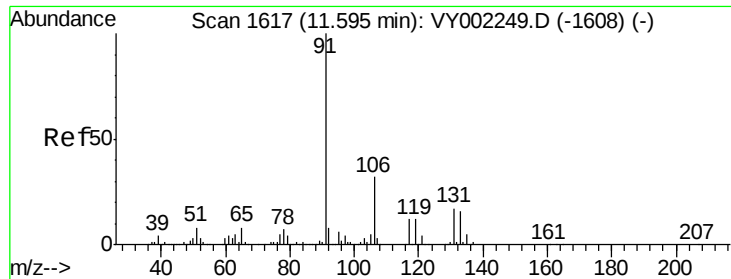
MMDadoda
4/15/2020 9:38:25 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.744 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	46.5	139.3
119	70.9	34.5	103.6





#67

Ethyl Benzene

Concen: 20.780 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 91 Resp: 201324

Ion Ratio Lower Upper

91 100

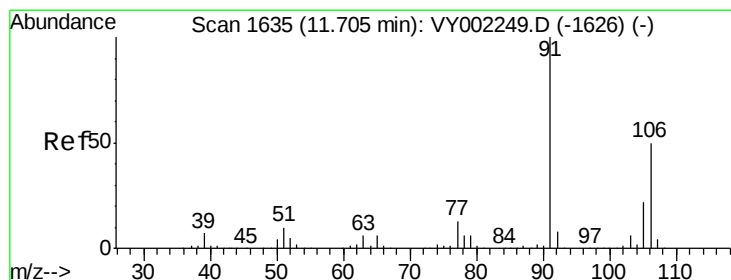
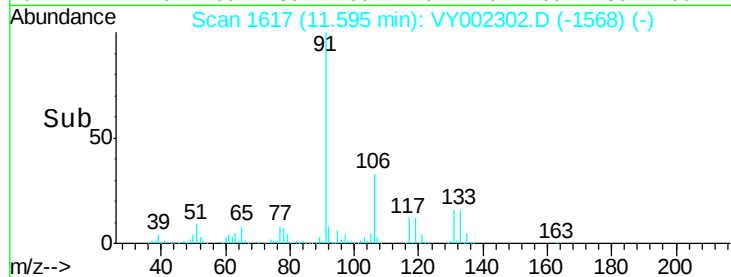
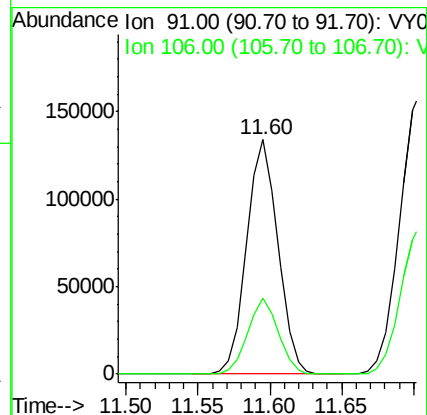
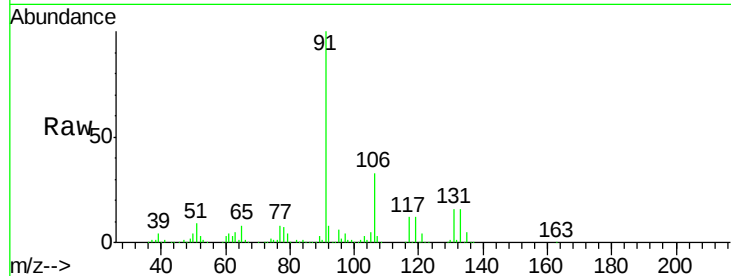
106 32.7 25.4 38.0

Manual Integrations

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4/15/2020 9:38:25 AM



#68

m/p-Xylenes

Concen: 42.363 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY002302.D

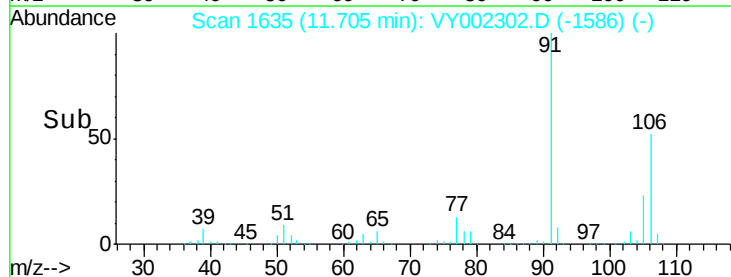
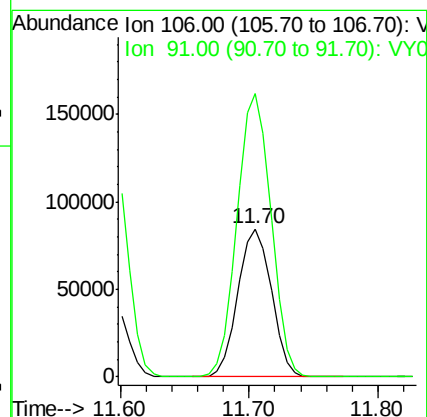
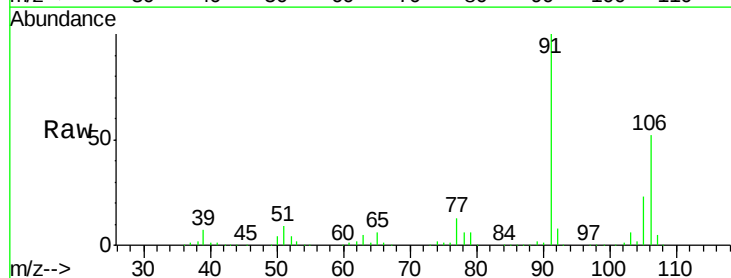
Acq: 14 Apr 2020 12:50

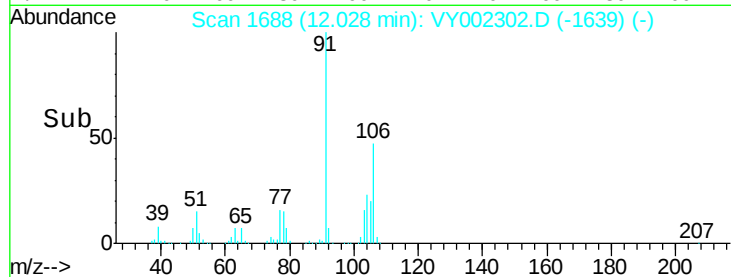
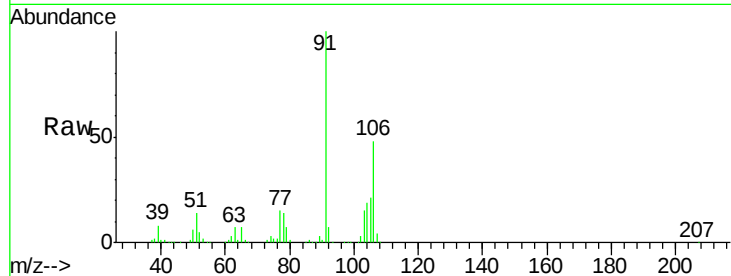
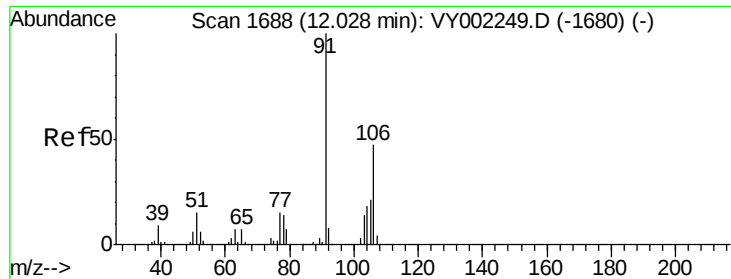
Tgt Ion: 106 Resp: 153725

Ion Ratio Lower Upper

106 100

91 192.6 159.8 239.6





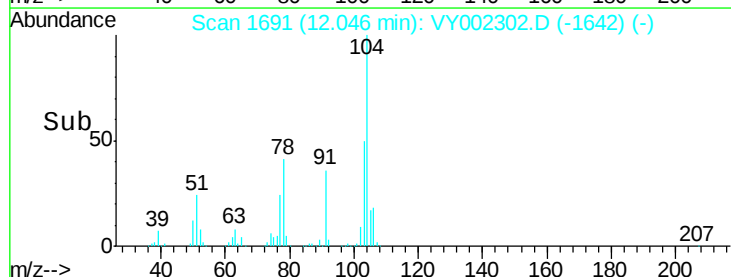
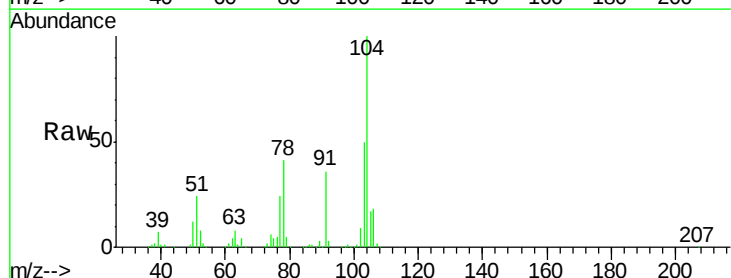
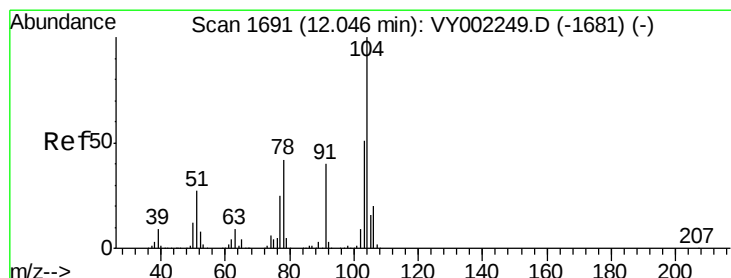
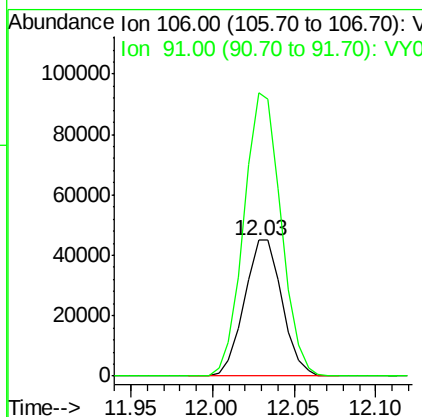
#69
o-Xylene
Concen: 21.236 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tot Ion:106 Resp: 72348
Ion Ratio Lower Upper
106 100
91 205.6 105.8 317.3

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

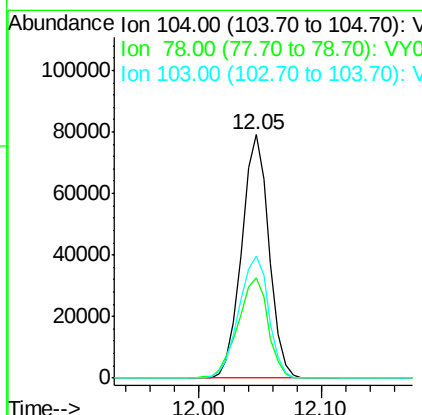
Manual Integrations
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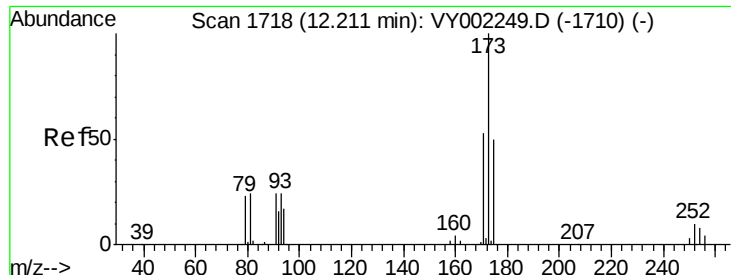
MMDadoda
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#70
Styrene
Concen: 20.743 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion:104 Resp: 122603
Ion Ratio Lower Upper
104 100
78 45.3 37.2 55.8
103 54.8 43.4 65.0





#71

Bromoform

Concen: 20.500 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion:173 Resp: 19479

Ion Ratio Lower Upper

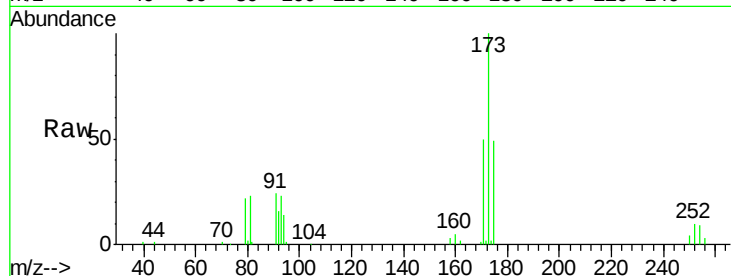
173 100

175 49.9 24.1 72.3

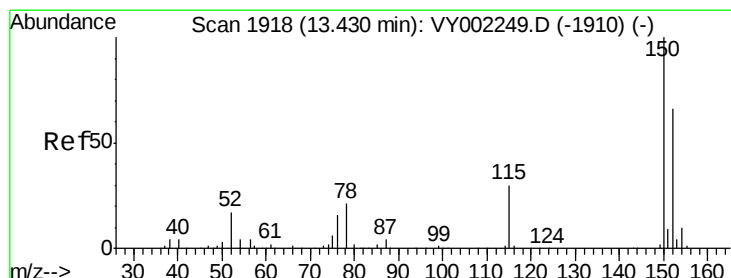
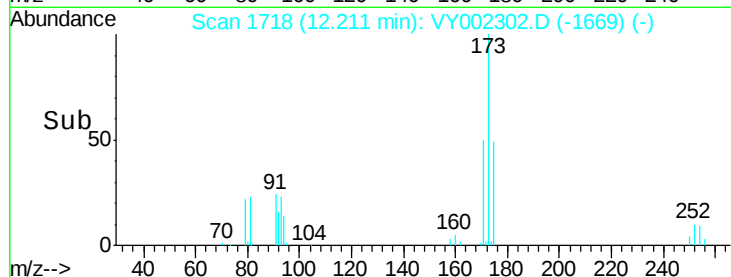
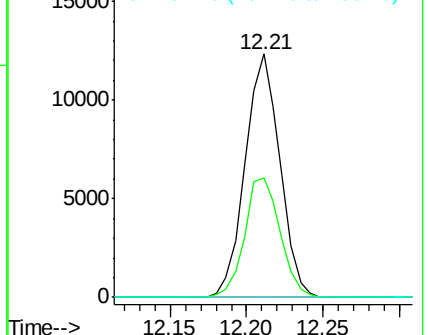
254 0.0 0.0 0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

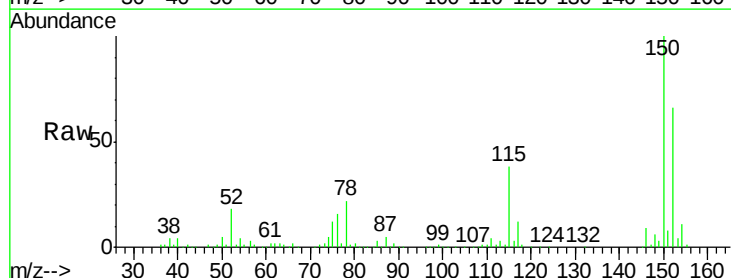
Tgt Ion:152 Resp: 119451

Ion Ratio Lower Upper

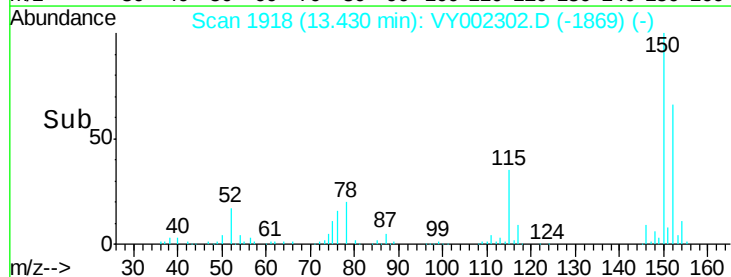
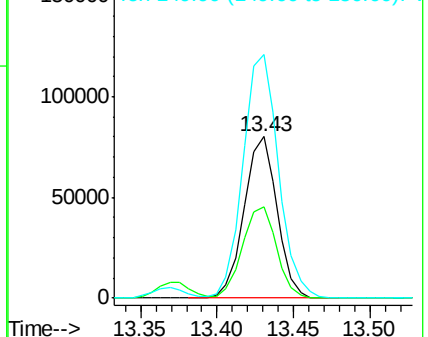
152 100

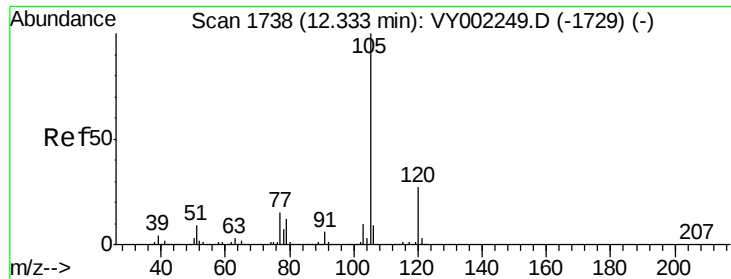
115 59.1 30.7 92.1

150 163.6 0.0 350.6



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





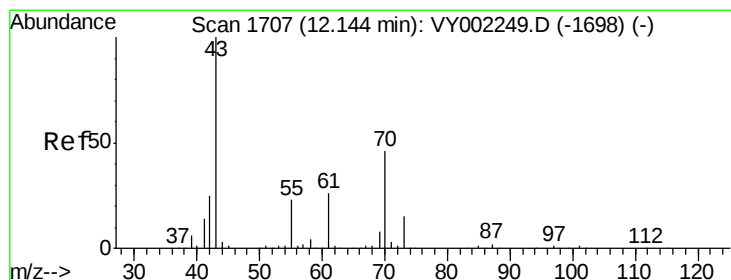
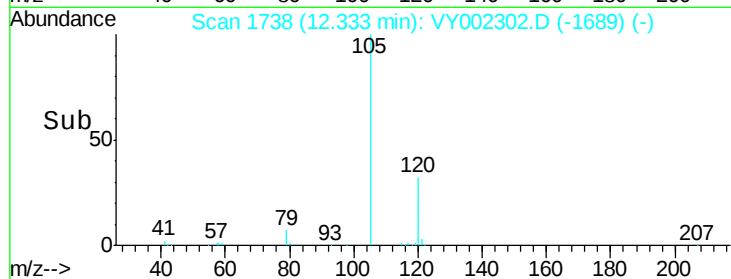
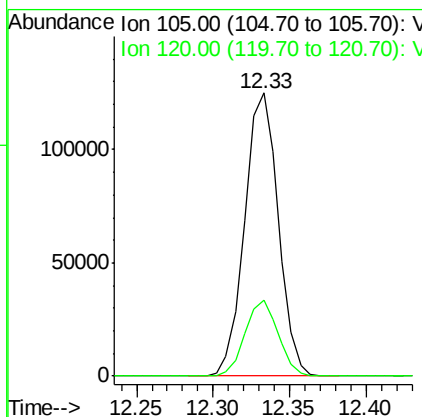
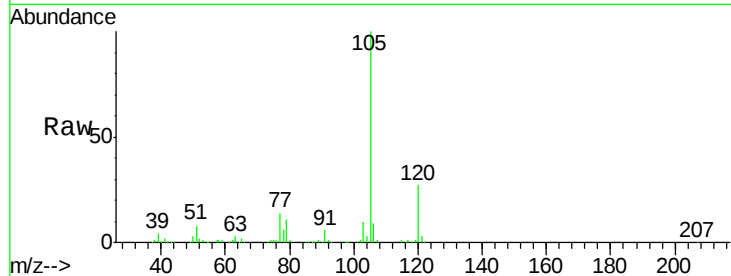
#73
Isopropylbenzene
Concen: 20.339 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	190867		
120	26.4	13.3	39.8	

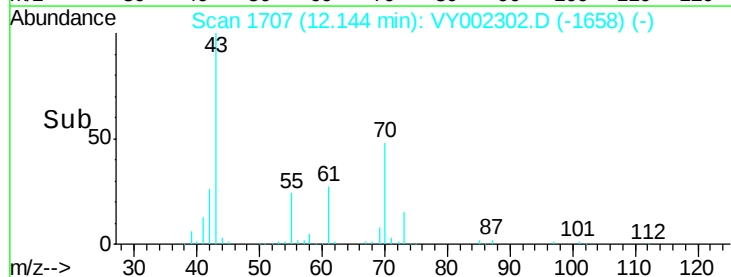
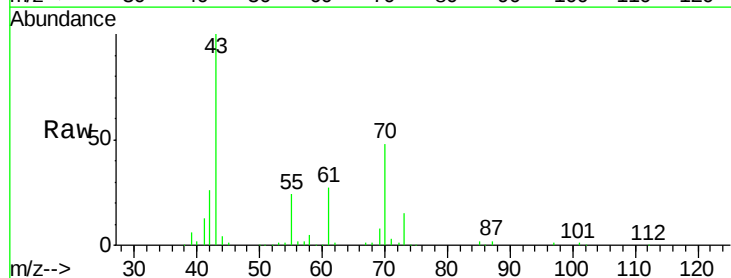
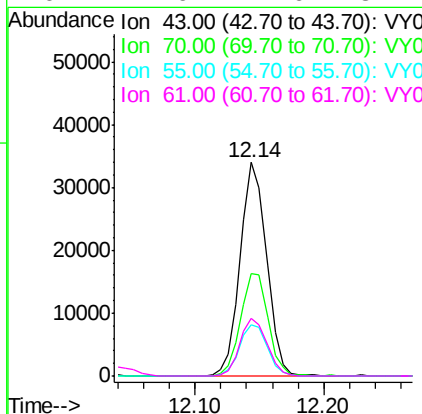
Manual Integrations
APPROVED

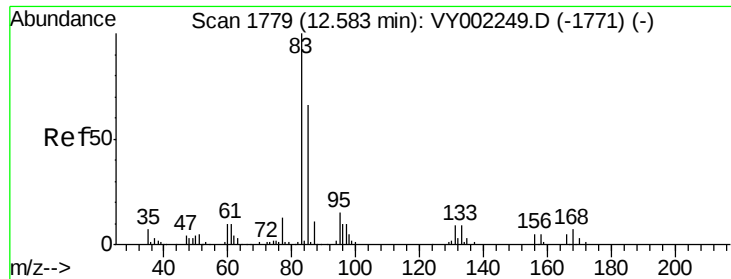
MMDadoda
4/15/2020 9:38:25 AM



#74
N-ethyl acetate
Concen: 18.119 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	48267		
70	49.8	37.5	56.3	
55	25.3	19.0	28.6	
61	27.6	21.6	32.4	





#75

1,1,2,2-Tetrachloroethane

Concen: 21.660 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 83 Resp: 24592

Ion Ratio Lower Upper

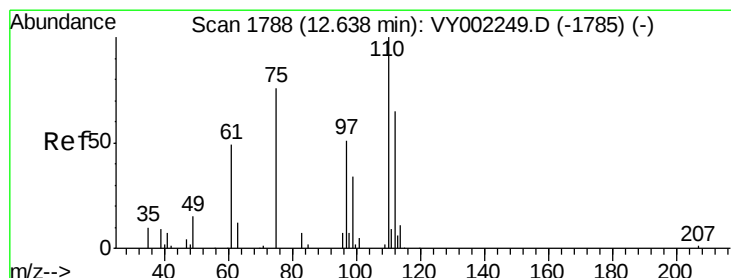
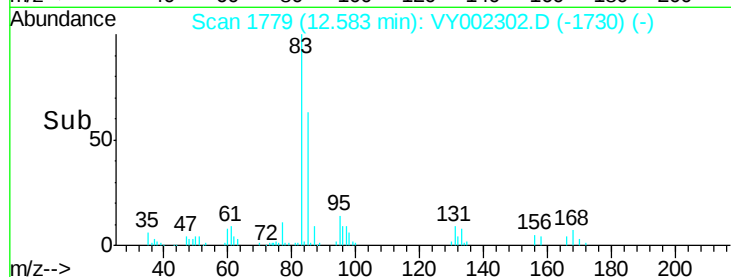
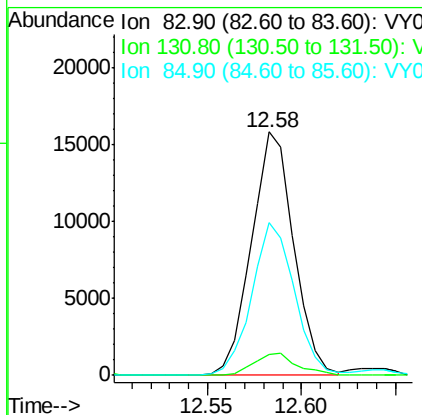
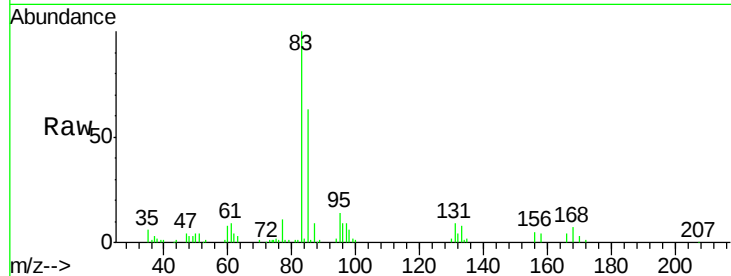
83 100

131 9.3 4.9 14.7

85 63.5 32.6 97.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.918 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002302.D

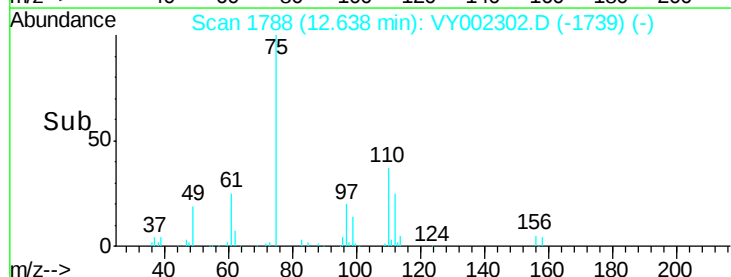
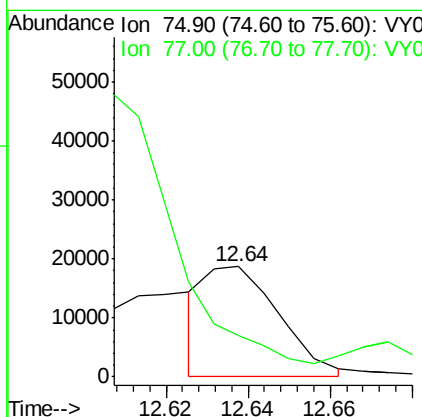
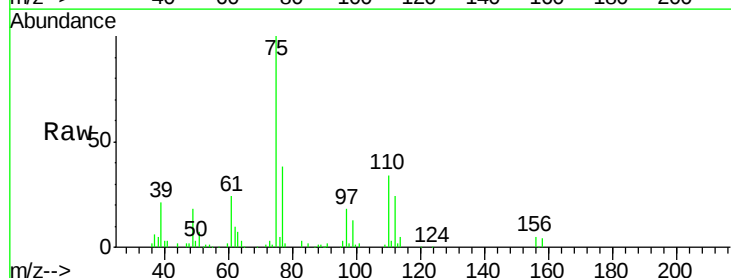
Acq: 14 Apr 2020 12:50

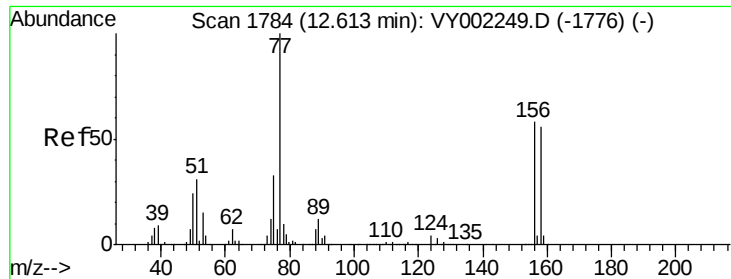
Tgt Ion: 75 Resp: 23467

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.573 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion:156 Resp: 42475

Ion Ratio Lower Upper

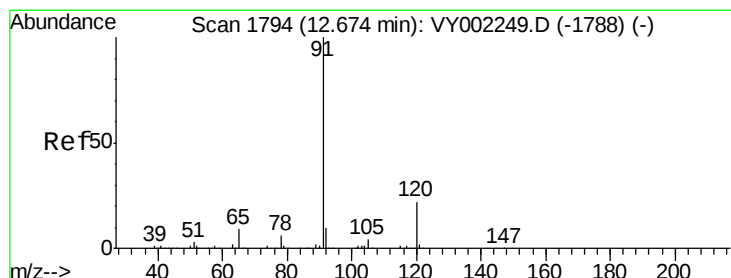
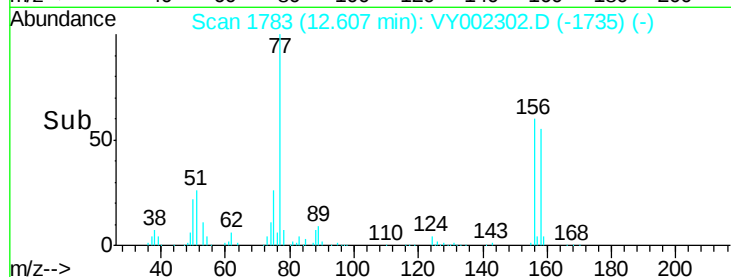
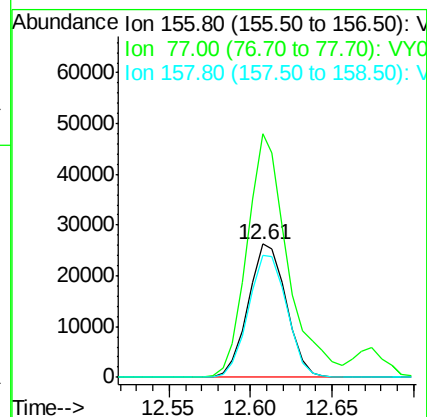
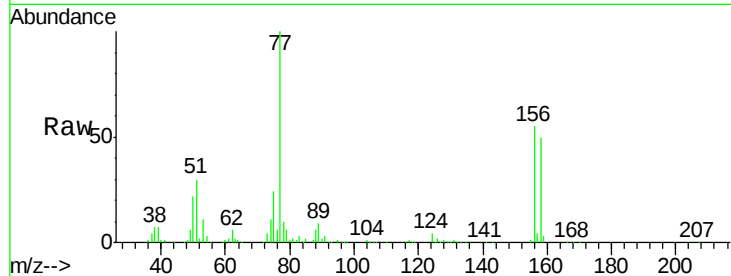
156 100

77 196.0 101.3 303.9

158 93.0 48.3 144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.888 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY002302.D

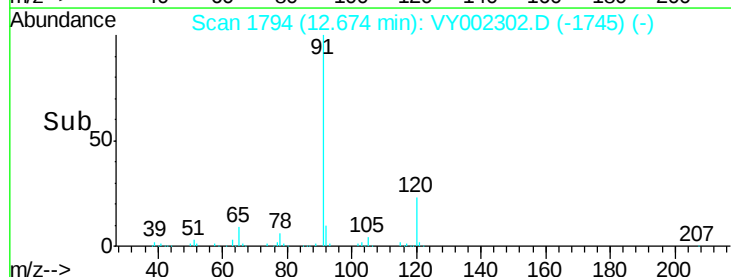
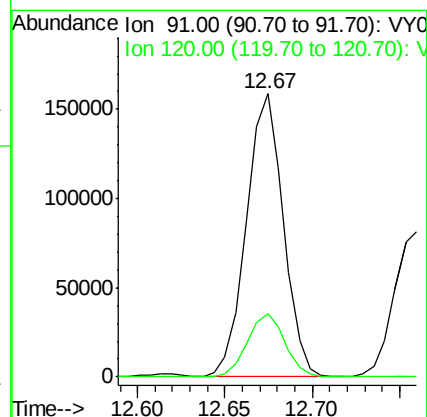
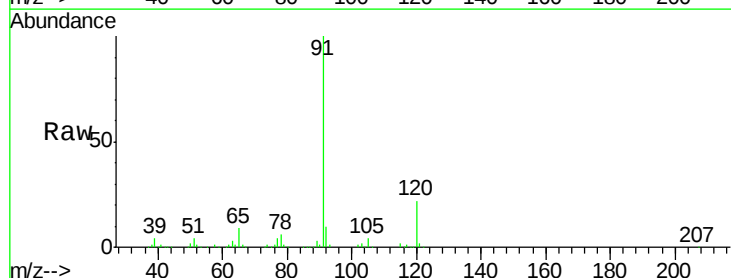
Acq: 14 Apr 2020 12:50

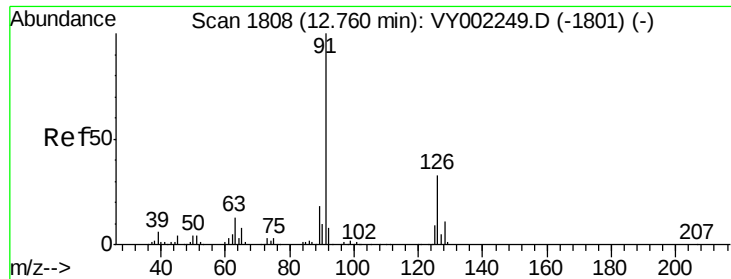
Tgt Ion: 91 Resp: 232122

Ion Ratio Lower Upper

91 100

120 22.7 11.2 33.5





#79

2-Chlorotoluene

Concen: 19.899 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 91 Resp: 126210

Ion Ratio Lower Upper

91 100

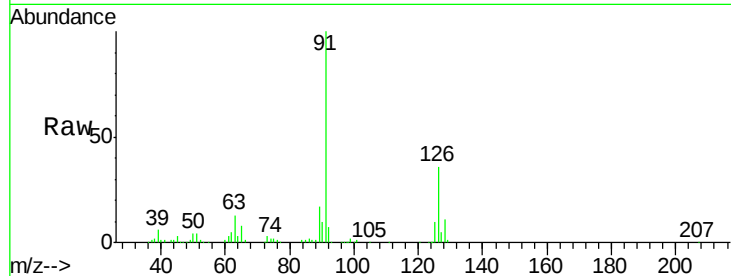
126 34.7 16.9 50.7

Manual Integrations

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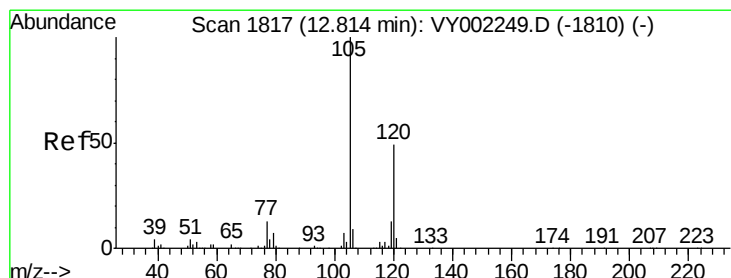
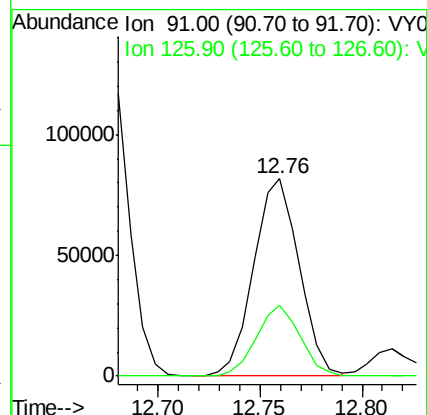
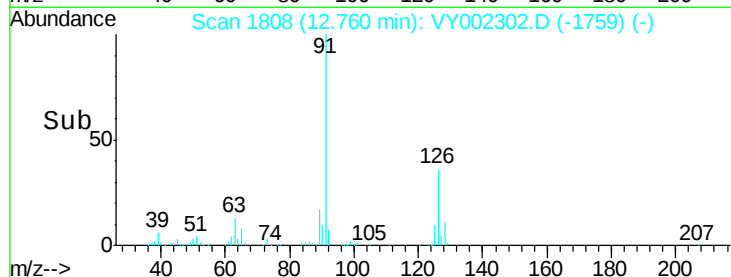
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Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY002249.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.297 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002302.D

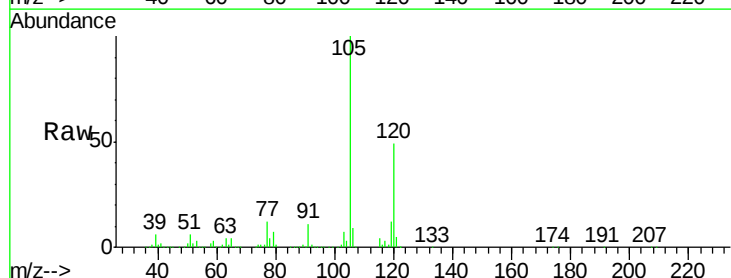
Acq: 14 Apr 2020 12:50

Tgt Ion: 105 Resp: 157523

Ion Ratio Lower Upper

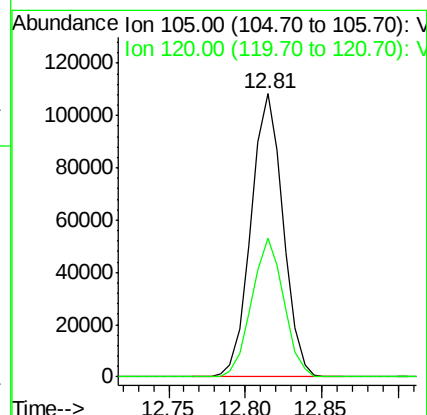
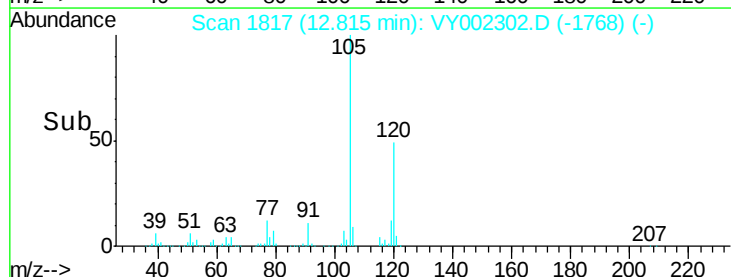
105 100

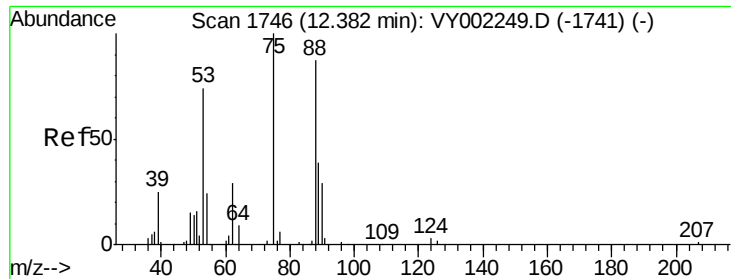
120 49.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VY002249.D (-1810) (-)

Ion 120.00 (119.70 to 120.70): VY002249.D (-1810) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.994 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

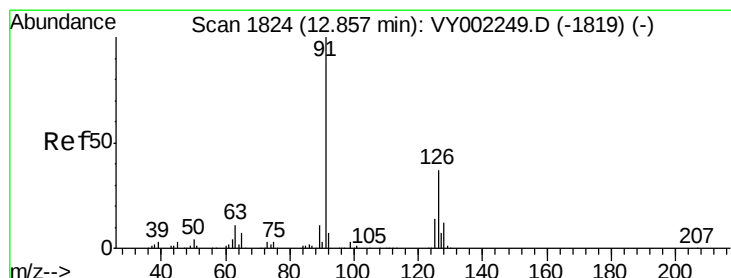
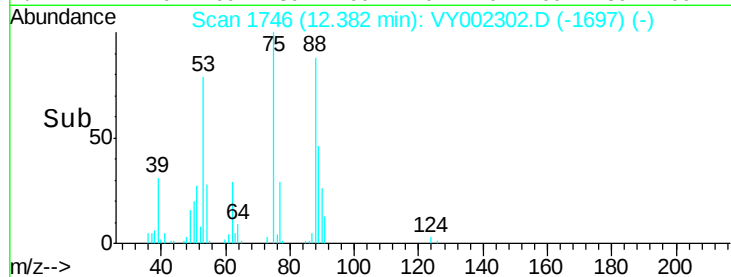
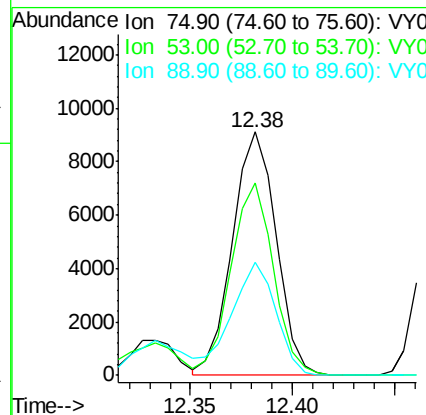
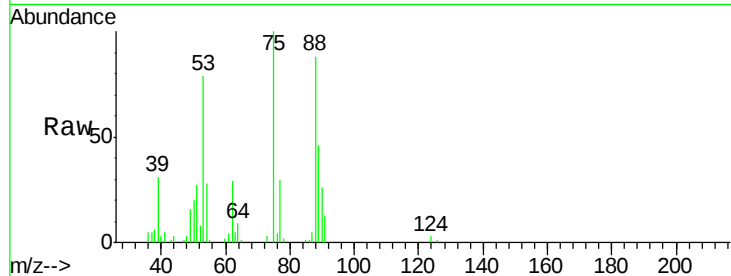
ClientSampleId :

VY0414SBS01

Tot Ion:	75	Resp:	13546
Ion	Ratio	Lower	Upper
75	100		
53	76.7	59.8	89.8
89	47.6	37.0	55.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.987 ug/l

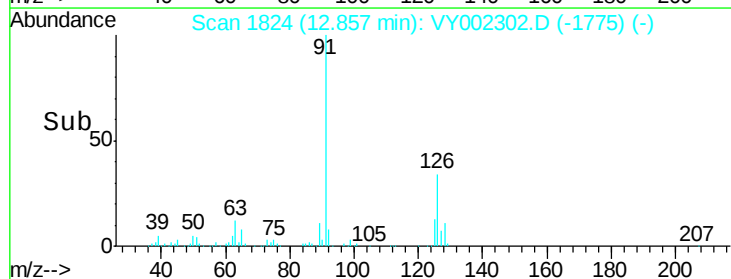
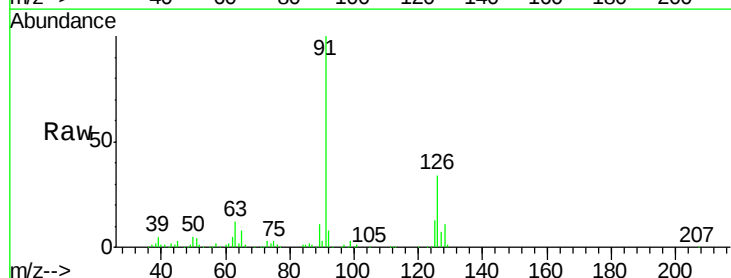
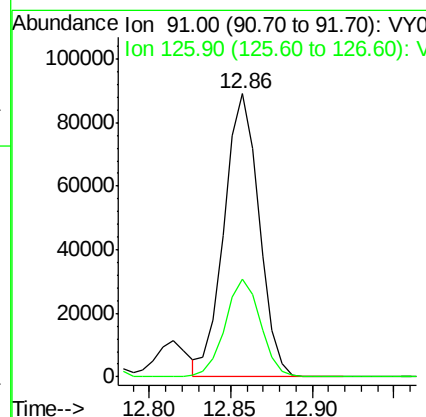
RT: 12.86 min Scan# 1824

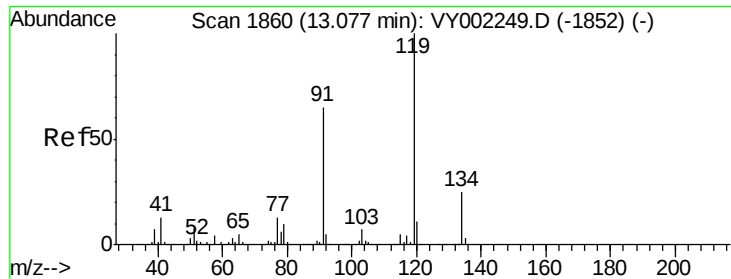
Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Tgt Ion:	91	Resp:	132867
Ion	Ratio	Lower	Upper
91	100		
126	34.8	16.9	50.7





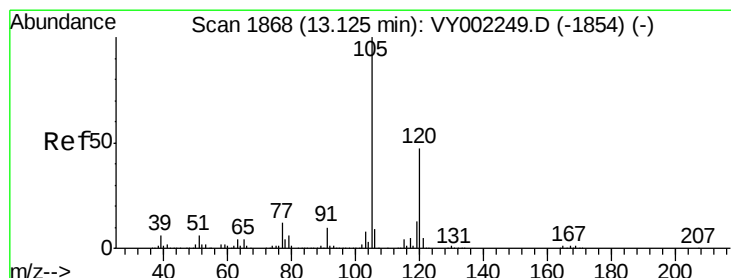
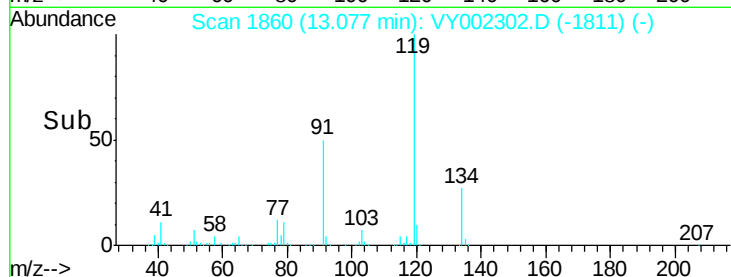
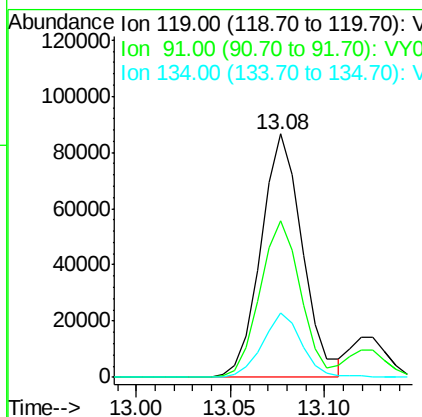
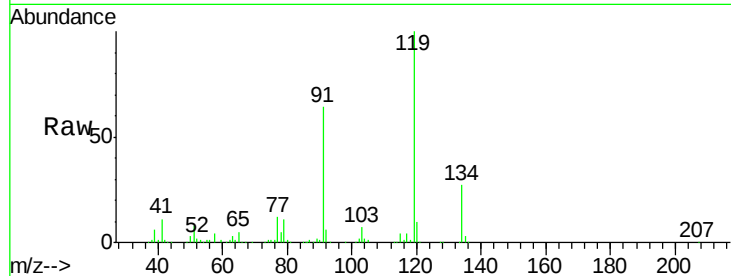
#83
 tert-Butylbenzene
 Concen: 20.341 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	132231		
91	63.0		32.4	97.0
134	25.3		12.6	37.6

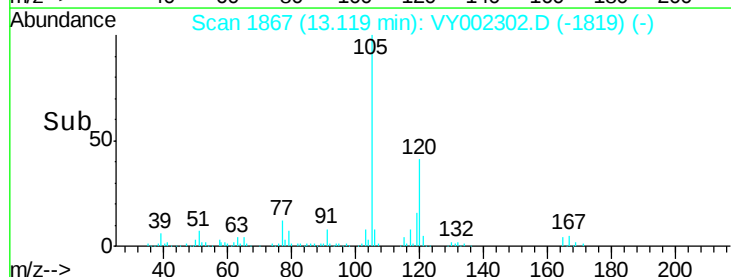
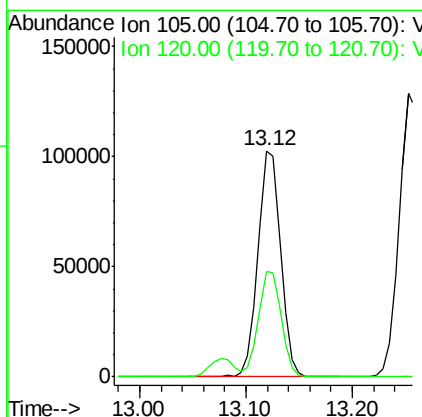
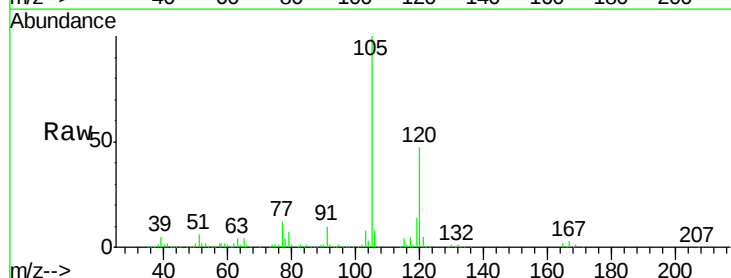
Manual Integrations
 APPROVED

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 4/15/2020 9:38:25 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.044 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	155336		
120	46.6		23.1	69.2





#85

sec-Butylbenzene

Concen: 20.203 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion:105 Resp: 195646

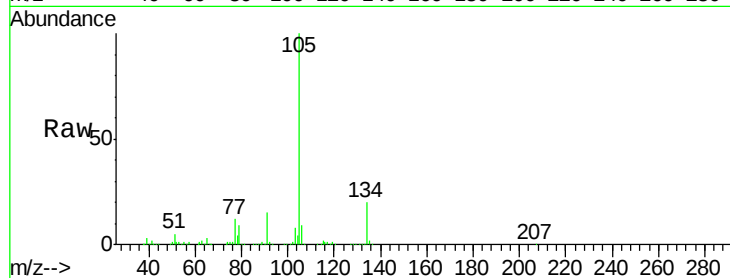
Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

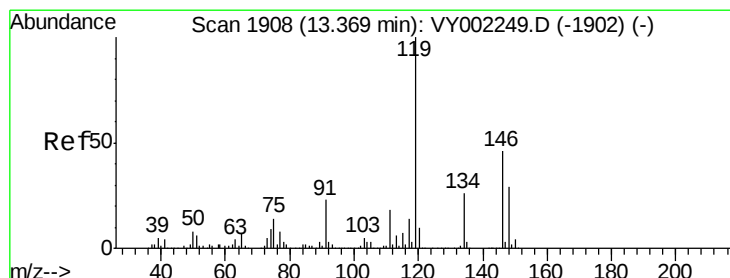
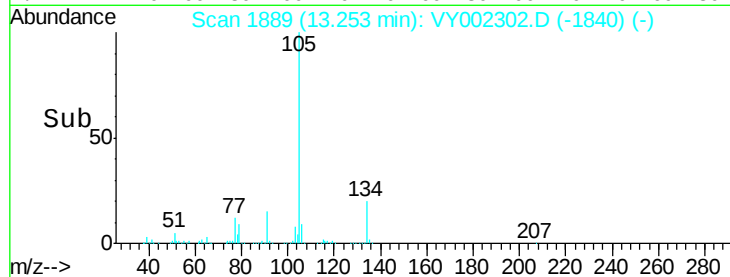
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.255 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

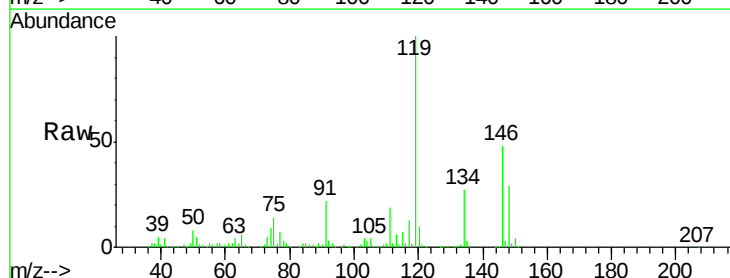
Tgt Ion:119 Resp: 168819

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

91 22.4 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

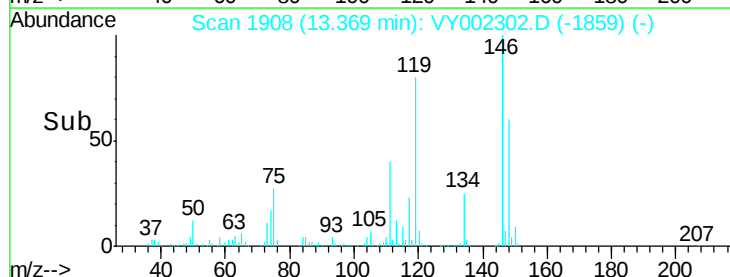
150000

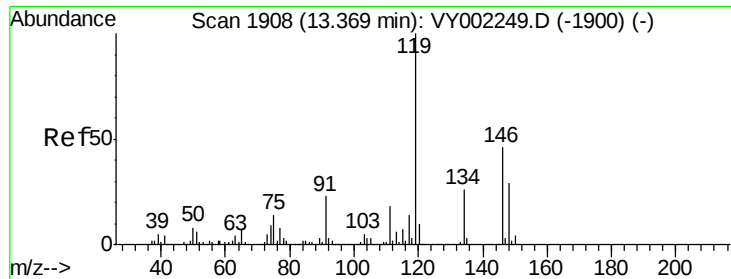
100000

50000

0

Time-->





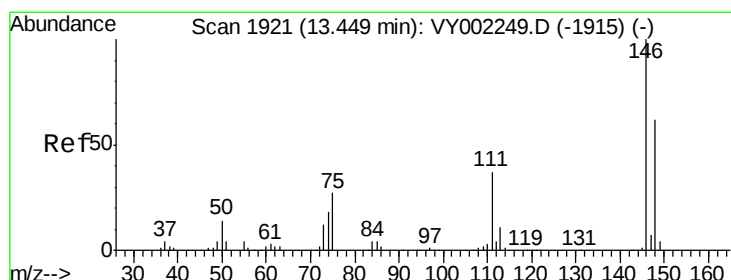
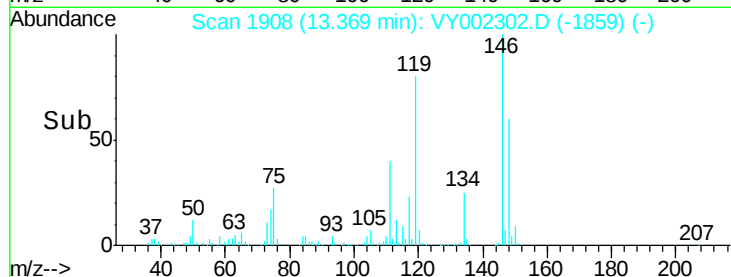
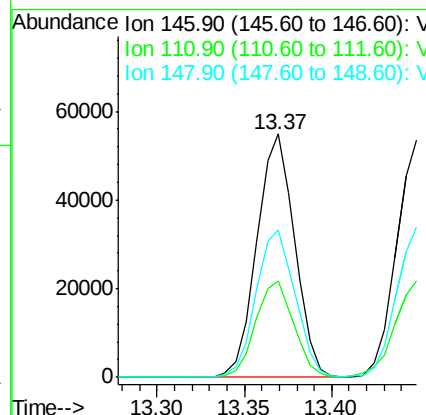
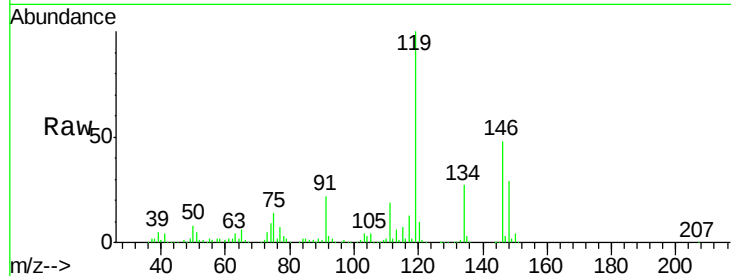
#87
 1,3-Dichlorobenzene
 Concen: 20.658 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.8
148	62.7	32.1	96.3

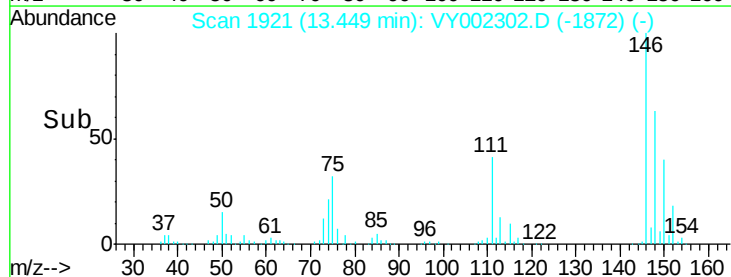
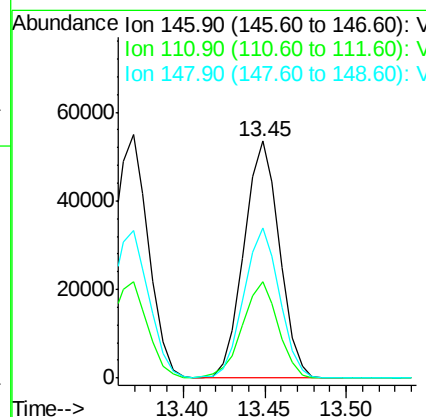
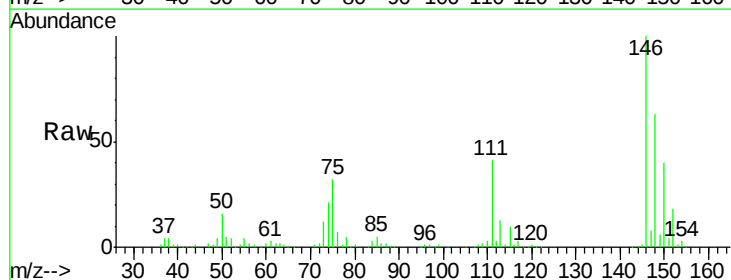
Manual Integrations
 APPROVED

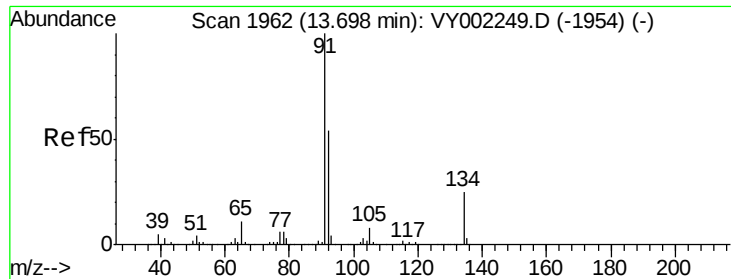
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#88
 1,4-Dichlorobenzene
 Concen: 20.004 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.6	58.8
148	63.9	32.0	96.0





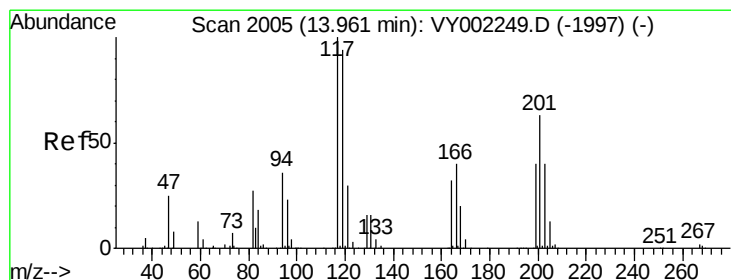
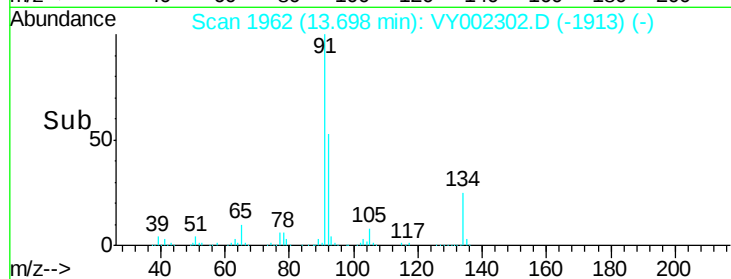
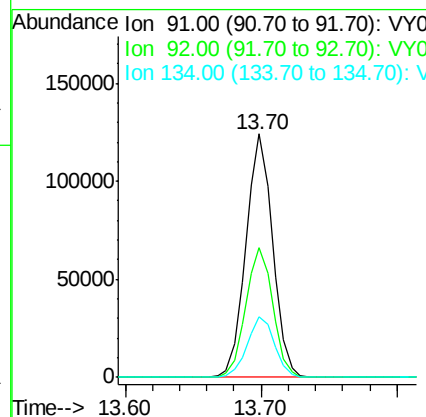
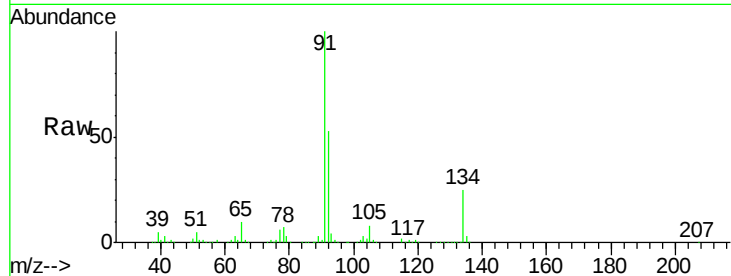
#89
n-Butylbenzene
Concen: 19.921 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	170195		
92	54.0		27.2	81.6
134	25.5		12.7	38.0

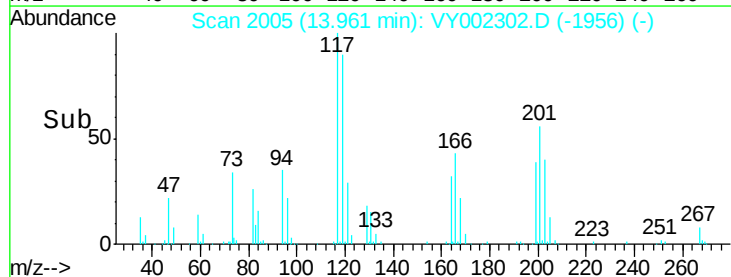
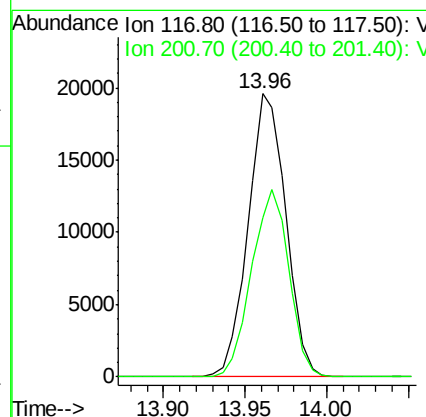
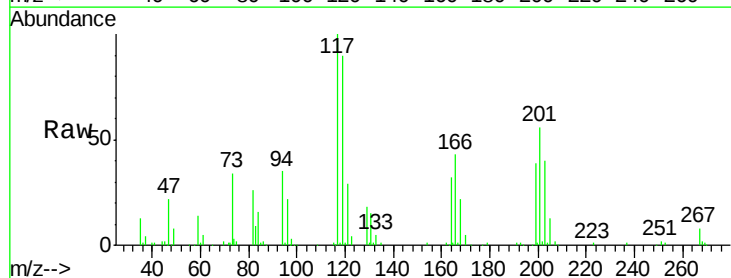
Manual Integrations
APPROVED

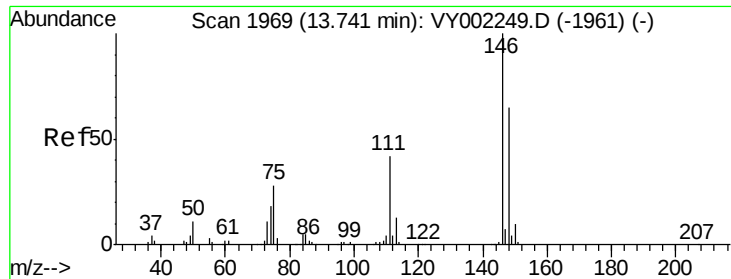
MMDadoda
4/15/2020 9:38:25 AM



#90
Hexachloroethane
Concen: 19.808 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	31461		
201	65.6		33.1	99.2





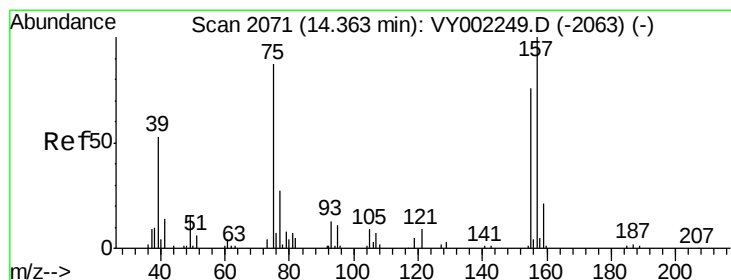
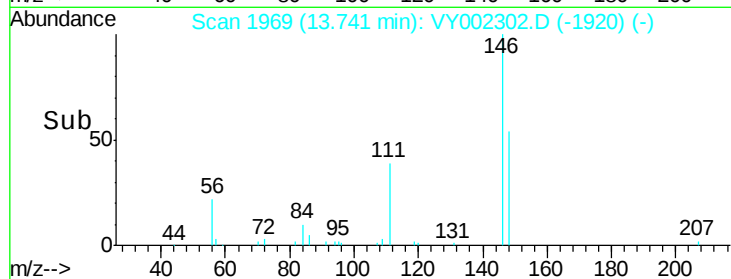
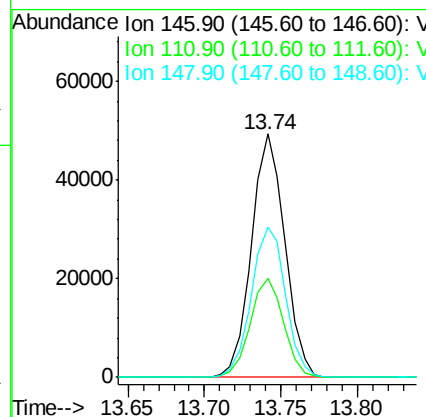
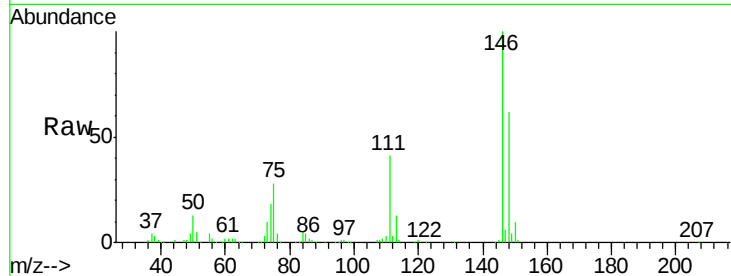
#91
 1,2-Dichlorobenzene
 Concen: 20.596 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.1	63.1
148	63.4	31.9	95.9

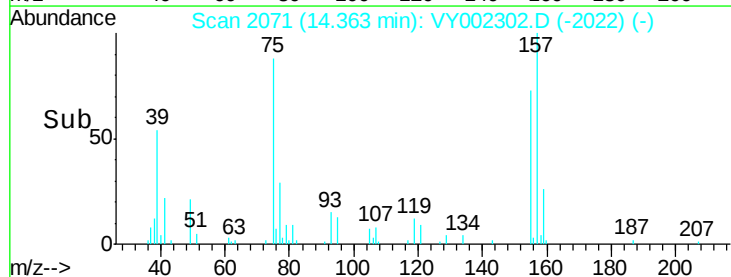
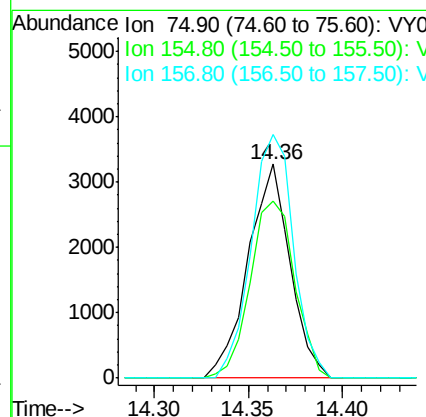
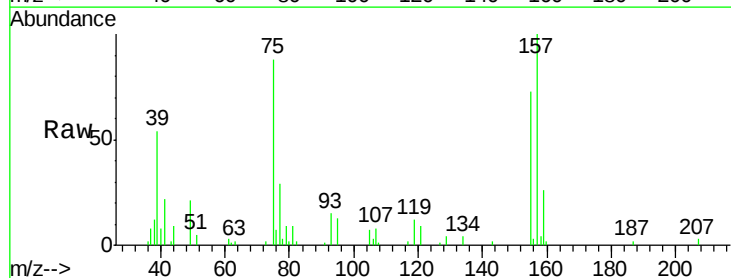
Manual Integrations
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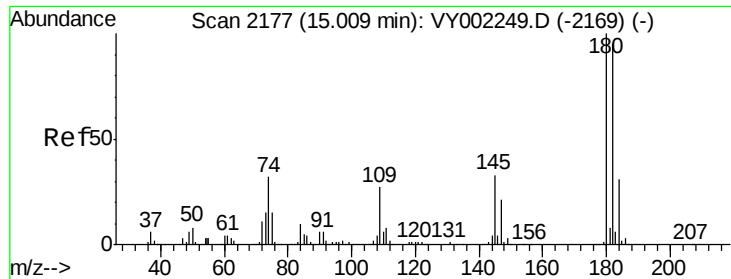
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.354 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.3	43.6	130.8
157	114.9	56.0	168.2





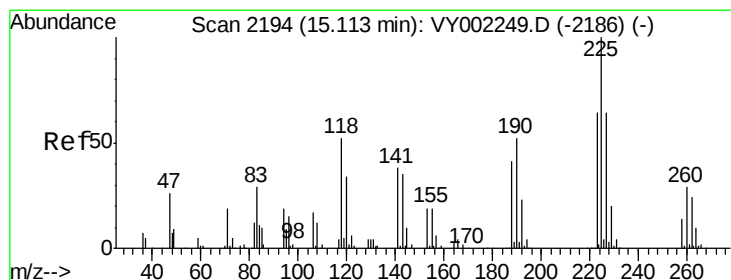
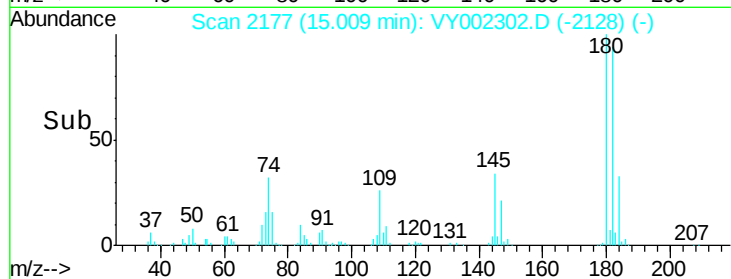
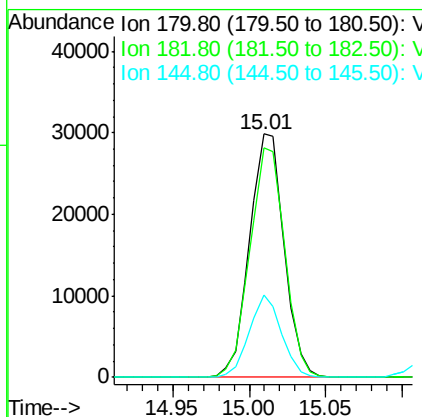
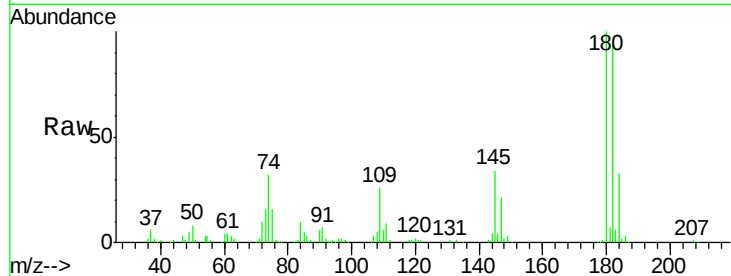
#93
 1,2,4-Trichlorobenzene
 Concen: 19.743 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	46919		
182	95.6	47.9	143.7	
145	31.7	16.0	48.0	

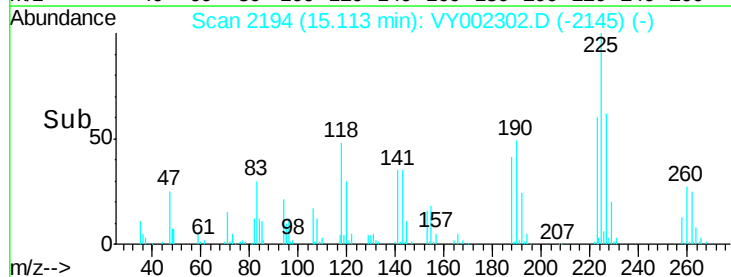
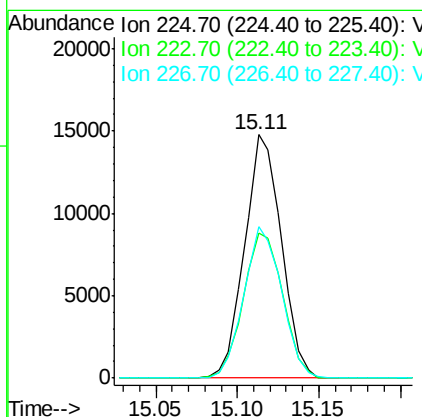
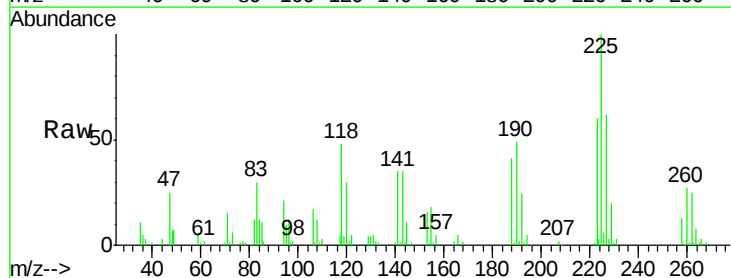
Manual Integrations
 APPROVED

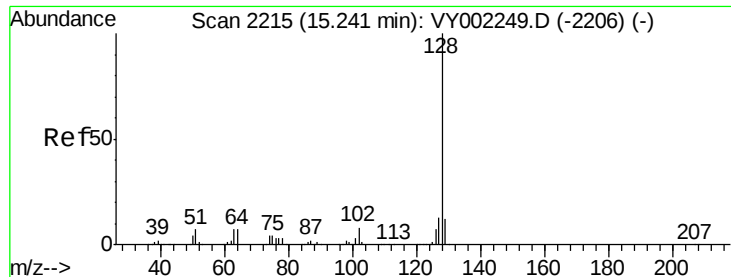
MMDadoda
 4/15/2020 9:38:25 AM



#94
 Hexachlorobutadiene
 Concen: 19.407 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	23229		
223	63.7	31.0	93.0	
227	63.7	31.3	93.9	





#95

Naphthalene

Concen: 19.449 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

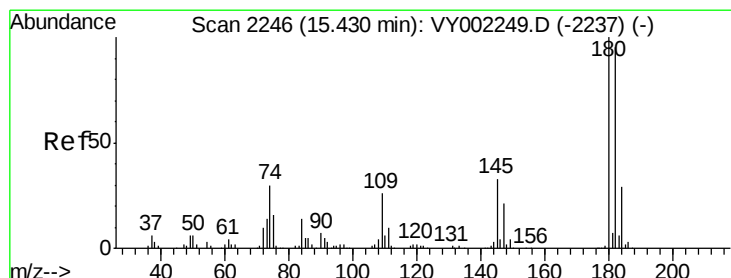
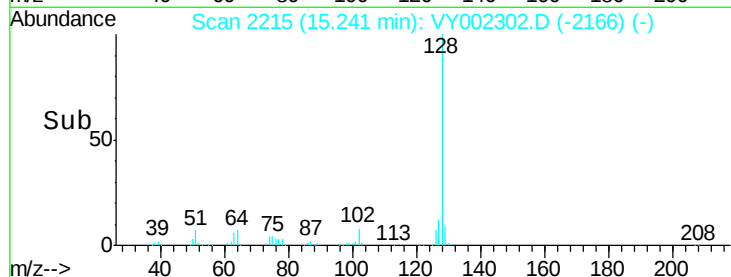
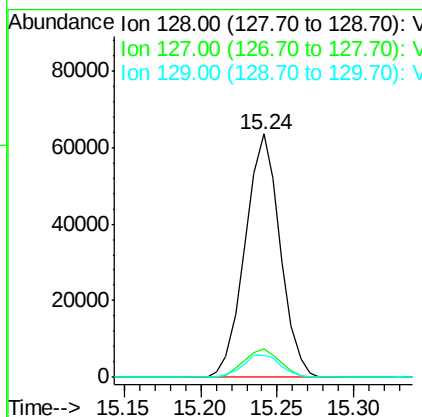
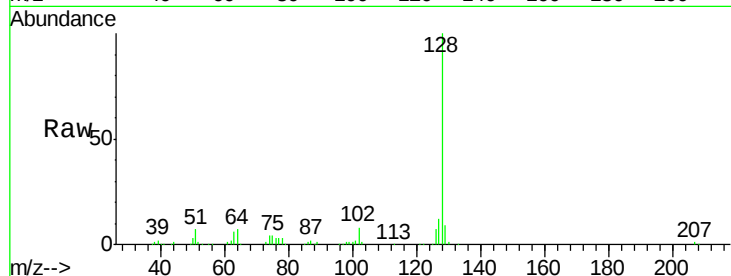
ClientSampleId :

VY0414SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	10.1	8.7	13.1

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 19.655 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.1	141.3
145	33.7	16.7	50.1

