

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031720\
 Data File : VY001992.D
 Acq On : 17 Mar 2020 11:21
 Operator : SY/MD
 Sample : VY0317SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/18/2020 11:13:10 AM

Quant Time: Mar 17 16:33:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	162166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	291752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	265994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	123999	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	87591	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	7.75	113	83805	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
50) Toluene-d8	10.20	98	345026	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.49	95	119833	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	27527	18.389	ug/l	98
3) Chloromethane	2.13	50	39040	19.344	ug/l	96
4) Vinyl Chloride	2.27	62	39473	19.229	ug/l	99
5) Bromomethane	2.66	94	27415	19.268	ug/l	100
6) Chloroethane	2.82	64	25751	19.969	ug/l	96
7) Trichlorofluoromethane	3.15	101	55091	19.788	ug/l	99
8) Diethyl Ether	3.56	74	22181	20.215	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	36734	20.514	ug/l	100
10) Methyl Iodide	4.12	142	40252	19.438	ug/l	99
11) Tert butyl alcohol	4.99	59	21901	108.812	ug/l	95
12) 1,1-Dichloroethene	3.91	96	36204	20.080	ug/l	98
13) Acrolein	3.76	56	18459	75.876	ug/l	99
14) Allyl chloride	4.52	41	63885	19.987	ug/l	99
15) Acrylonitrile	5.21	53	55969	95.454	ug/l	99
16) Acetone	3.98	43	44686	88.621	ug/l	100
17) Carbon Disulfide	4.23	76	112543	18.568	ug/l	98
18) Methyl Acetate	4.52	43	25124	19.392	ug/l	98
19) Methyl tert-butyl Ether	5.26	73	98205	20.099	ug/l	98
20) Methylene Chloride	4.76	84	43323	20.047	ug/l	94
21) trans-1,2-Dichloroethene	5.26	96	41150	20.108	ug/l	99
22) Diisopropyl ether	6.16	45	134491	20.527	ug/l	93
23) Vinyl Acetate	6.10	43	422984	98.477	ug/l	98
24) 1,1-Dichloroethane	6.06	63	72076	20.314	ug/l	98
25) 2-Butanone	7.02	43	70426	91.843	ug/l	99
26) 2,2-Dichloropropane	7.02	77	58754	20.175	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	44573	20.023	ug/l	98
28) Bromochloromethane	7.37	49	33432	20.904	ug/l	100
29) Tetrahydrofuran	7.38	42	46619	91.552	ug/l	99
30) Chloroform	7.54	83	68722	20.615	ug/l	98
31) Cyclohexane	7.82	56	73689	19.370	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	57647	20.518	ug/l	99
36) 1,1-Dichloropropene	7.95	75	57549	20.498	ug/l	100
37) Ethyl Acetate	7.11	43	31562	19.342	ug/l	100
38) Carbon Tetrachloride	7.93	117	49015	20.437	ug/l	98

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
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Manual Integrations
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MMDadoda
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 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	73390	19.709	ug/l	97
40) Benzene	8.19	78	168961	20.304	ug/l	97
41) Methacrylonitrile	7.35	41	11629m	15.836	ug/l	
42) 1,2-Dichloroethane	8.27	62	43942	20.492	ug/l	99
43) Isopropyl Acetate	8.30	43	59742	19.338	ug/l	98
44) Trichloroethene	8.96	130	40844	20.153	ug/l	100
45) 1,2-Dichloropropane	9.24	63	42995	20.553	ug/l	99
46) Dibromomethane	9.33	93	21639	20.073	ug/l	100
47) Bromodichloromethane	9.52	83	52782	21.048	ug/l	99
48) Methyl methacrylate	9.32	41	26616	19.416	ug/l	99
49) 1,4-Dioxane	9.33	88	5415	366.589	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	158086	99.348	ug/l	100
52) Toluene	10.26	92	104072	20.587	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	56290	20.604	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	67657	20.802	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	31568	20.010	ug/l	96
56) Ethyl methacrylate	10.52	69	44642	19.305	ug/l	97
57) 1,3-Dichloropropane	10.81	76	57218	20.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	120787	134.578	ug/l	99
59) 2-Hexanone	10.85	43	105227	92.650	ug/l	100
60) Dibromochloromethane	11.00	129	33749	20.301	ug/l	98
61) 1,2-Dibromoethane	11.10	107	30079	20.128	ug/l	98
64) Tetrachloroethene	10.74	164	34026	20.398	ug/l	94
65) Chlorobenzene	11.53	112	108517	20.475	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.60	131	35756	20.572	ug/l	98
67) Ethyl Benzene	11.61	91	199074	20.140	ug/l	98
68) m/p-Xylenes	11.72	106	149652	40.951	ug/l	99
69) o-Xylene	12.04	106	70481	20.463	ug/l	99
70) Styrene	12.06	104	121545	20.603	ug/l	100
71) Bromoform	12.22	173	18197	19.306	ug/l #	100
73) Isopropylbenzene	12.34	105	187867	19.847	ug/l	99
74) N-amyl acetate	12.16	43	54022	18.569	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	38393	18.808	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	32641m	22.185	ug/l	
77) Bromobenzene	12.62	156	40563	20.226	ug/l	97
78) n-propylbenzene	12.68	91	234706	20.098	ug/l	99
79) 2-Chlorotoluene	12.77	91	130664	20.252	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	159438	20.460	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	13256	18.199	ug/l	94
82) 4-Chlorotoluene	12.86	91	138719	20.650	ug/l	99
83) tert-Butylbenzene	13.08	119	135809	20.983	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	159439	20.617	ug/l	100
85) sec-Butylbenzene	13.27	105	194691	20.408	ug/l	100
86) p-Isopropyltoluene	13.38	119	171782	20.873	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	81096	20.635	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	81080	20.337	ug/l	98
89) n-Butylbenzene	13.70	91	175511	20.556	ug/l	99
90) Hexachloroethane	13.97	117	31290	20.154	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	74252	20.797	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	6063	19.034	ug/l	92

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ALS Vial : 5 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
VY0317SBSD01

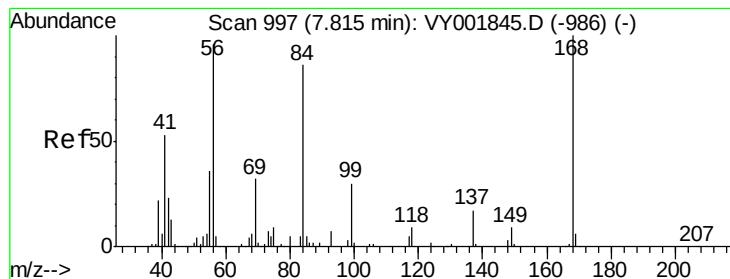
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	48633	21.004	ug/l	99
94) Hexachlorobutadiene	15.12	225	24137	21.382	ug/l	98
95) Naphthalene	15.25	128	104103	18.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	41605	20.397	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

Tot Ion:168 Resp: 162166

Ion Ratio Lower Upper

168 100

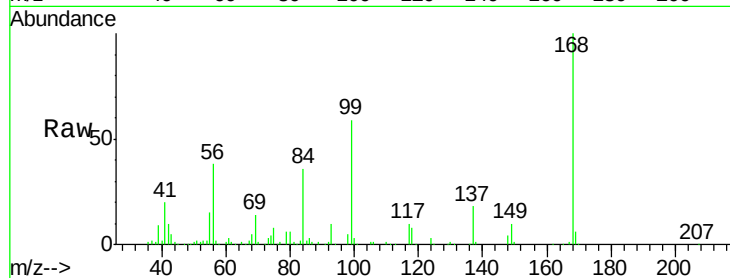
99 59.5 46.7 70.1

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Abundance Ion 167.90 (167.60 to 168.60): VY001992.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001992.D (-948) (-)

7.82

80000

60000

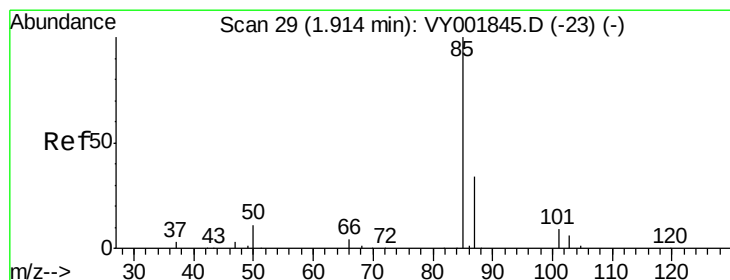
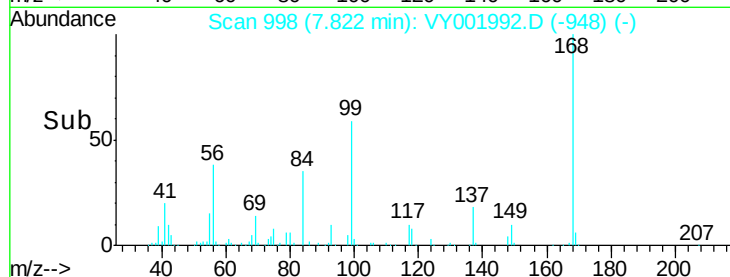
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.389 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001992.D

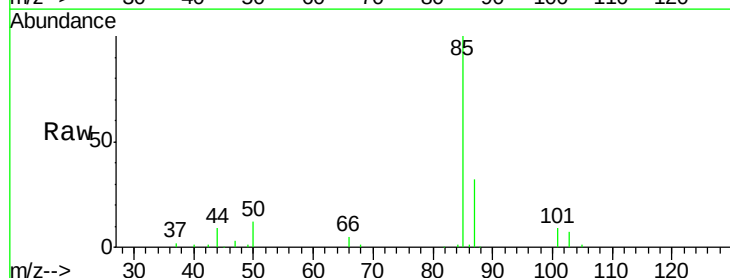
Acq: 17 Mar 2020 11:21

Tgt Ion: 85 Resp: 27527

Ion Ratio Lower Upper

85 100

87 32.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001992.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001992.D (-1) (-)

1.91

20000

15000

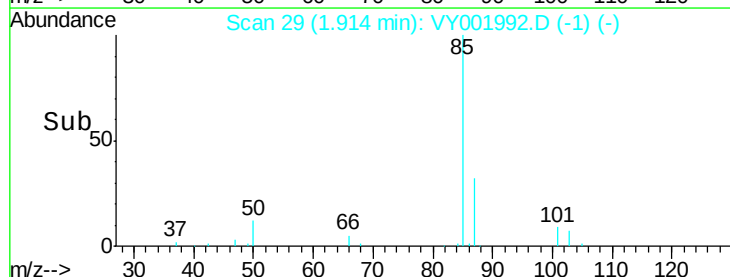
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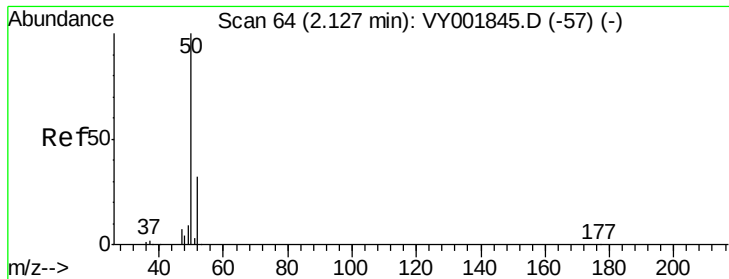
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.344 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

Tot Ion: 50 Resp: 39040

Ion Ratio Lower Upper

50 100

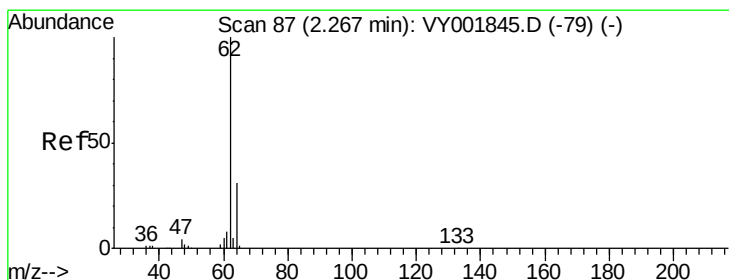
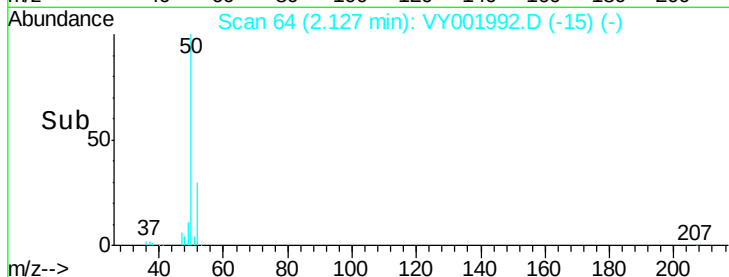
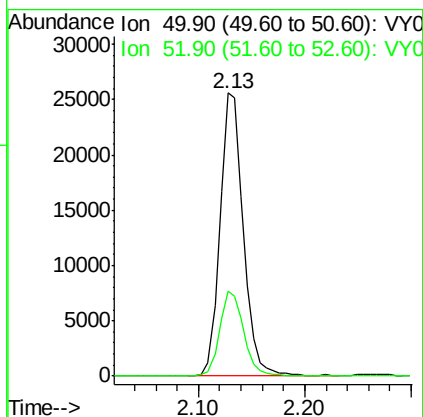
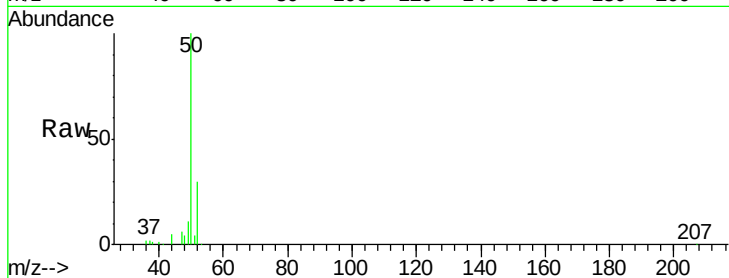
52 30.0 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.229 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001992.D

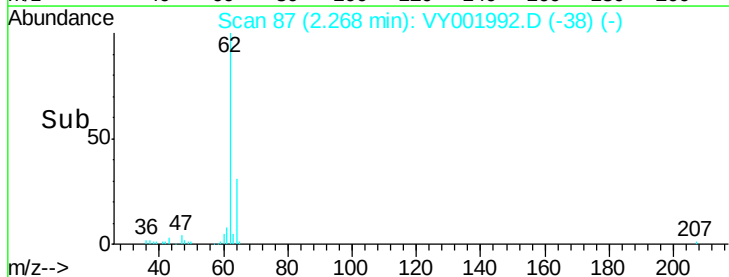
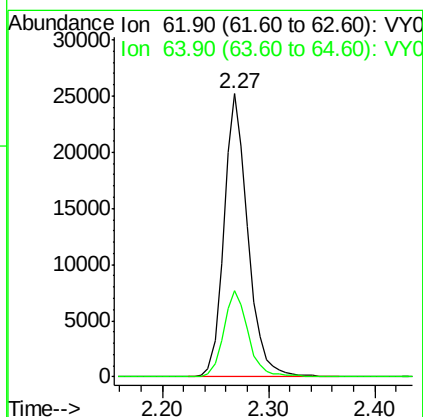
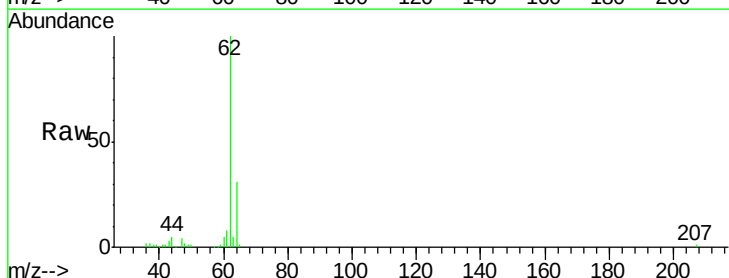
Acq: 17 Mar 2020 11:21

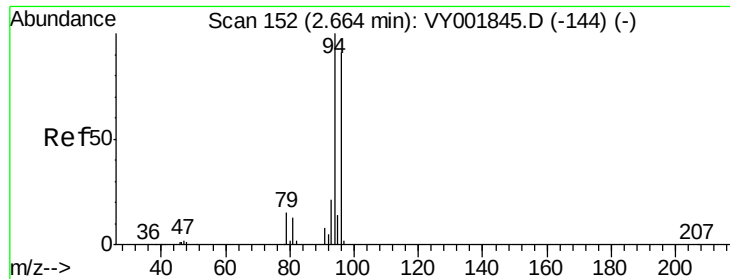
Tgt Ion: 62 Resp: 39473

Ion Ratio Lower Upper

62 100

64 30.7 25.1 37.7





#5

Bromomethane

Concen: 19.268 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

Tot Ion: 94 Resp: 27415

Ion Ratio Lower Upper

94 100

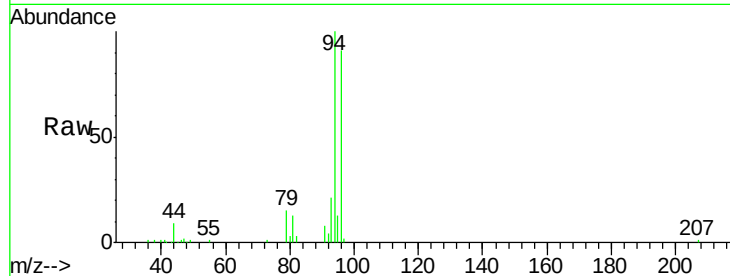
96 91.0 73.2 109.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

15000

2.66

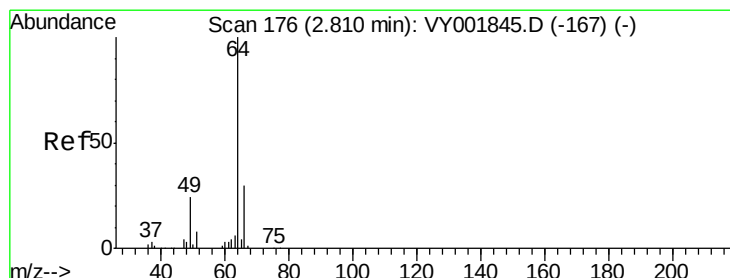
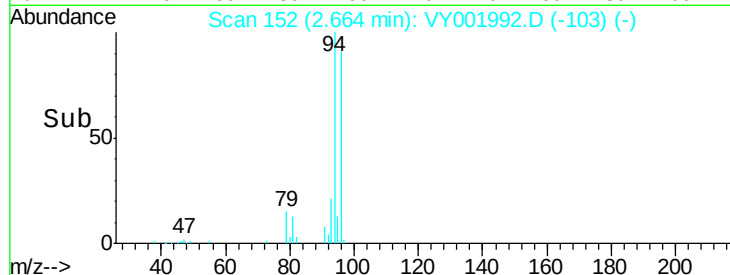
10000

5000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 19.969 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001992.D

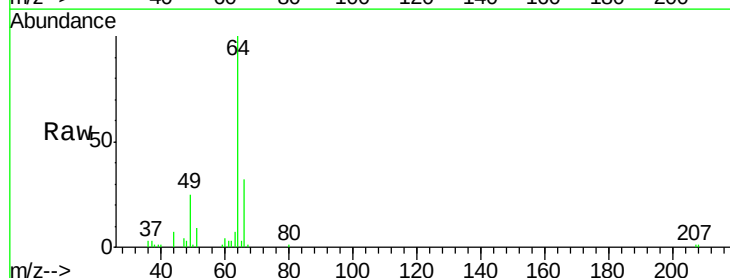
Acq: 17 Mar 2020 11:21

Tgt Ion: 64 Resp: 25751

Ion Ratio Lower Upper

64 100

66 32.1 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

15000

2.82

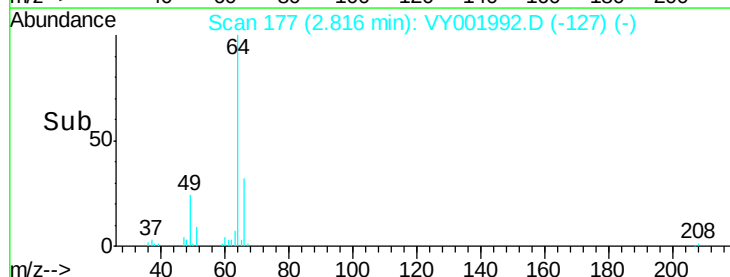
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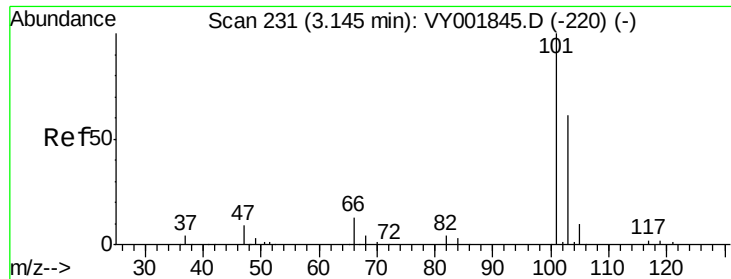
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0

Time-->

2.70 2.80 2.90





#7

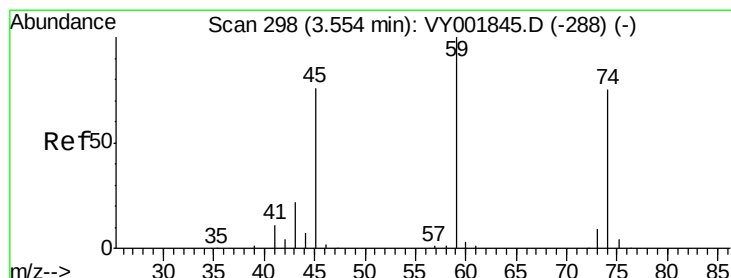
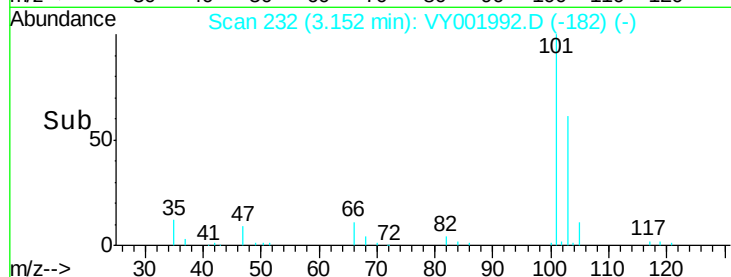
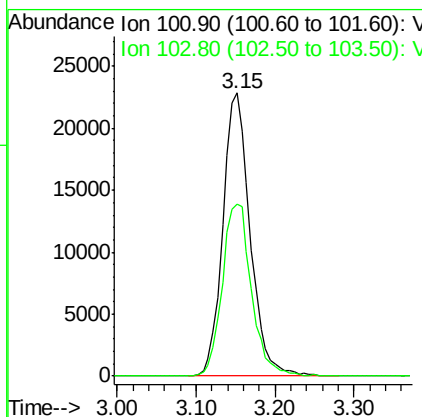
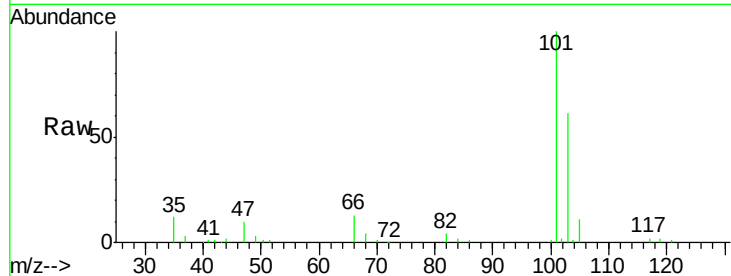
Trichlorofluoromethane
Concen: 19.788 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.9	49.1	73.7

Manual Integrations
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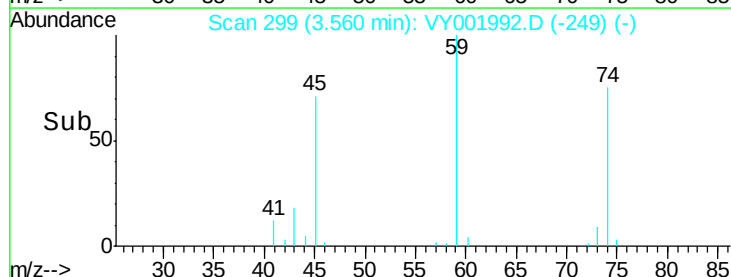
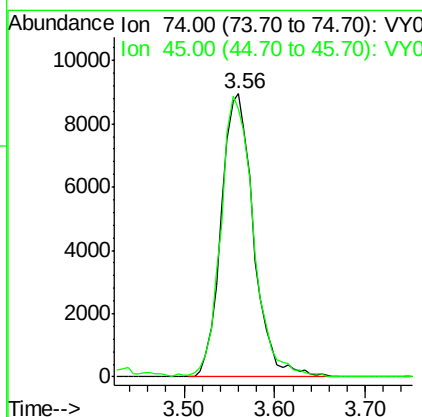
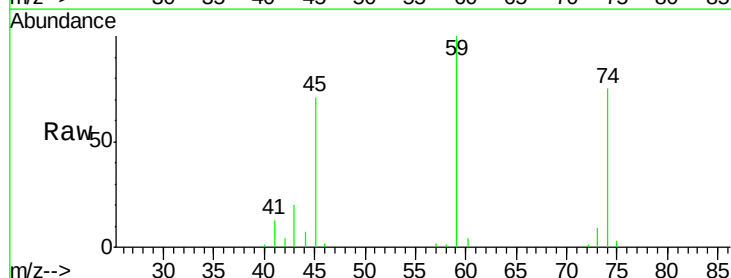
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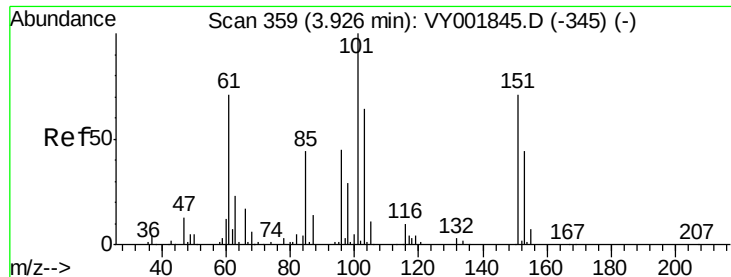


#8

Diethyl Ether
Concen: 20.215 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.1	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.514 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

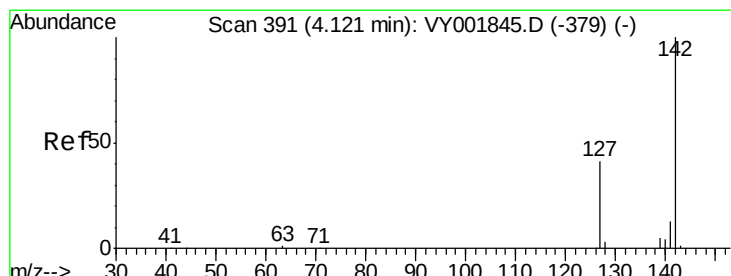
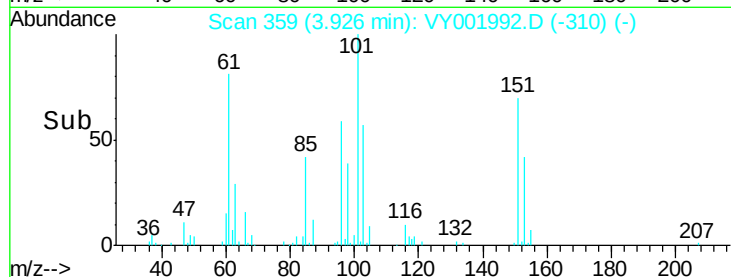
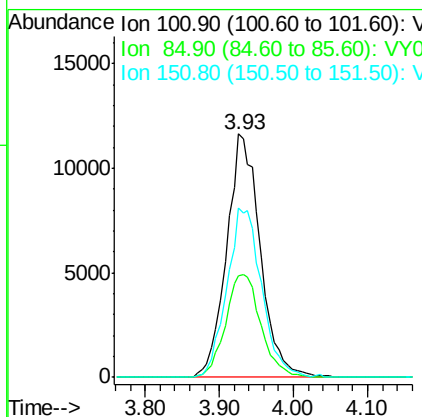
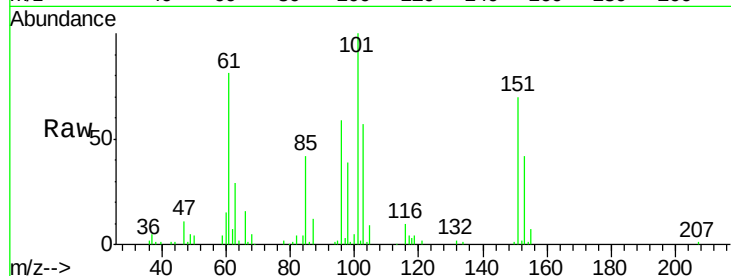
ClientSampleId :

VY0317SBS01

Tot Ion:	101	Resp:	36734
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.3	52.9
151	71.6	57.0	85.4

Manual Integrations
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3/18/2020 11:13:10 AM



#10

Methyl Iodide

Concen: 19.438 ug/l

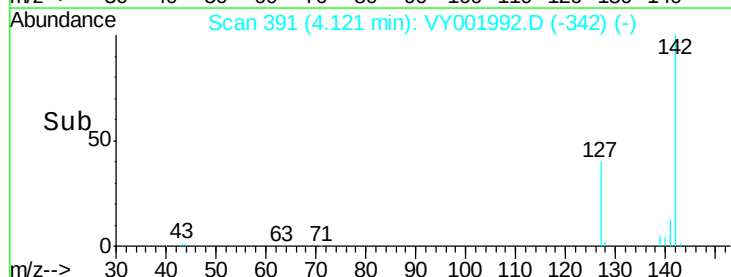
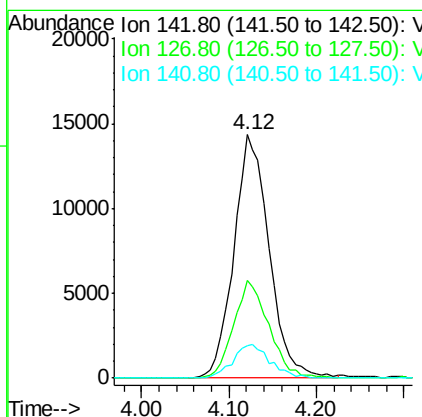
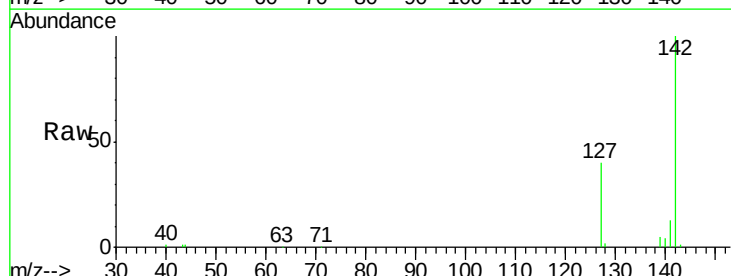
RT: 4.12 min Scan# 391

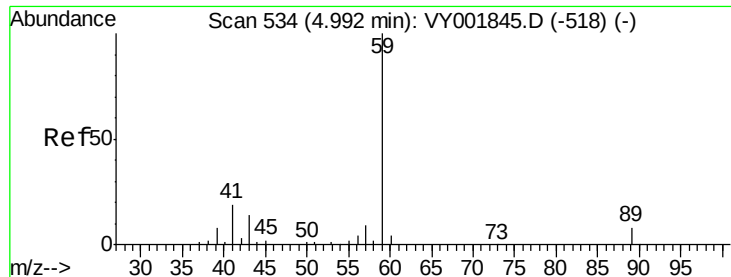
Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Tgt Ion:	142	Resp:	40252
Ion Ratio	Lower	Upper	
142	100		
127	40.0	32.7	49.1
141	14.4	11.0	16.6





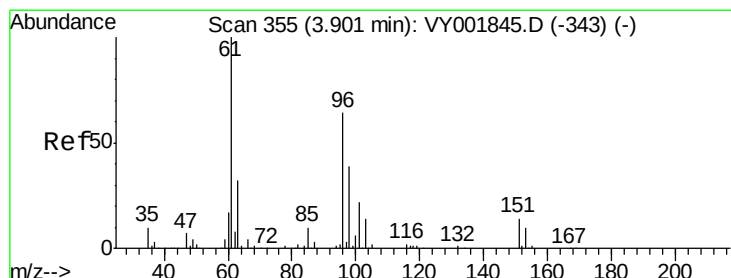
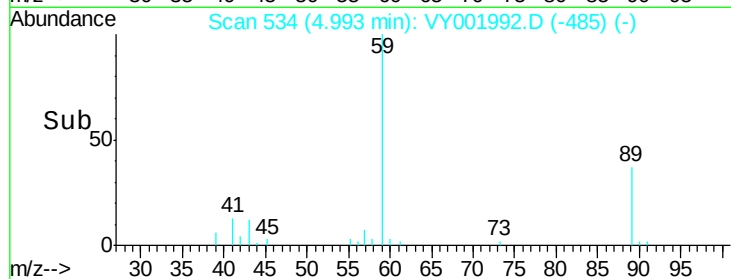
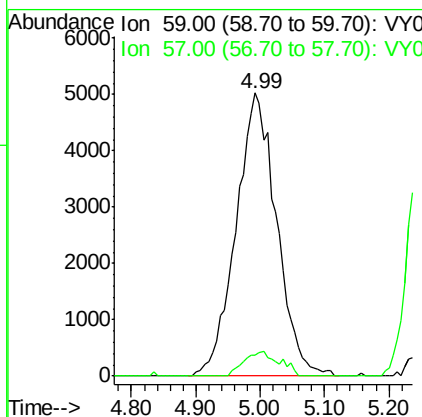
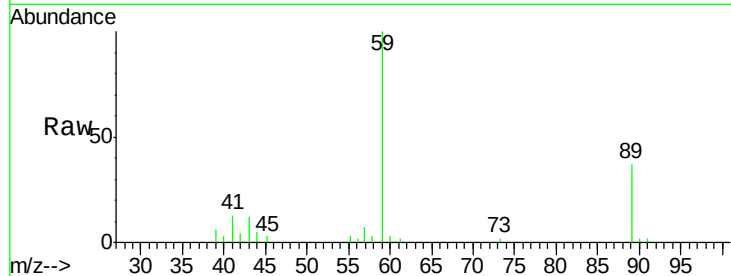
#11
Tert butyl alcohol
Concen: 108.812 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion: 59 Resp: 21901
Ion Ratio Lower Upper
59 100
57 7.6 7.4 11.2

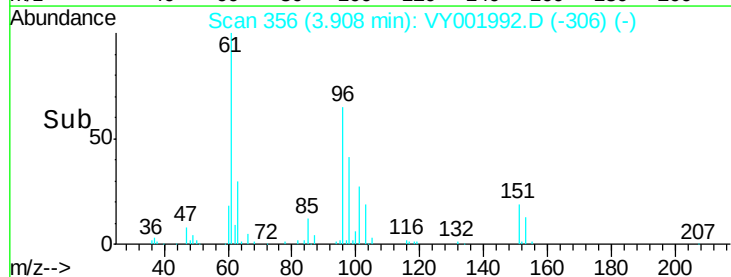
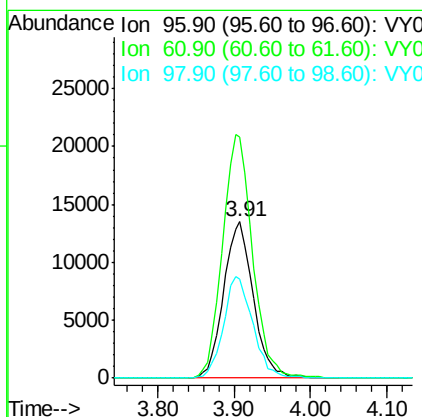
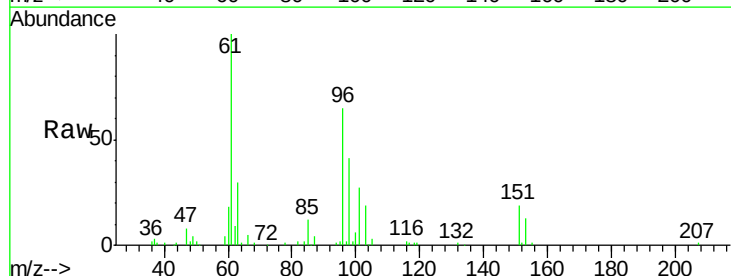
Manual Integrations
APPROVED

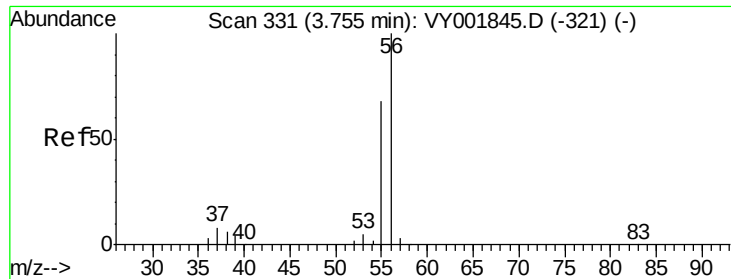
MMDadoda
3/18/2020 11:13:10 AM



#12
1,1-Dichloroethene
Concen: 20.080 ug/l
RT: 3.91 min Scan# 355
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion: 96 Resp: 36204
Ion Ratio Lower Upper
96 100
61 154.1 124.8 187.2
98 63.3 49.2 73.8





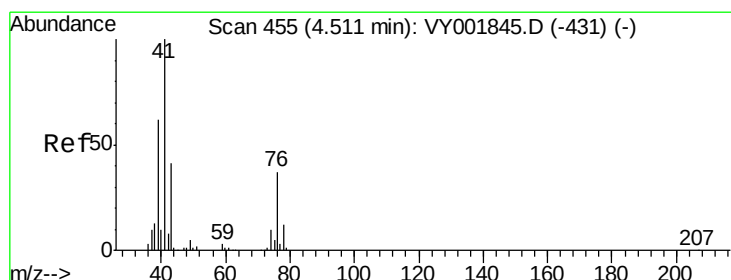
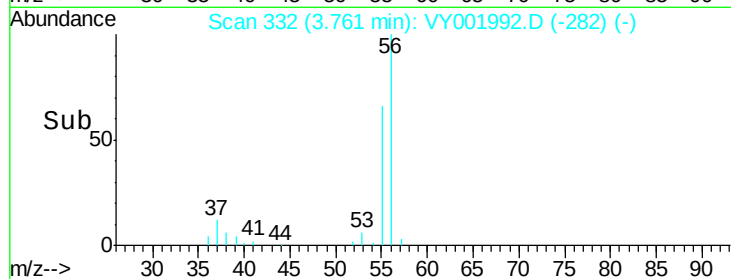
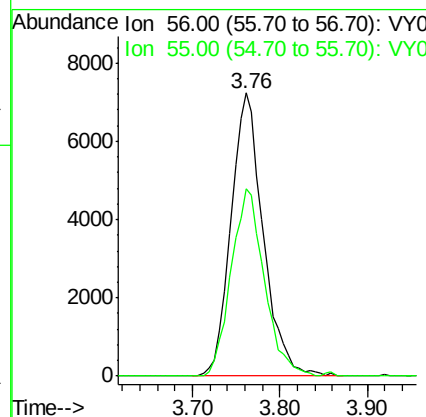
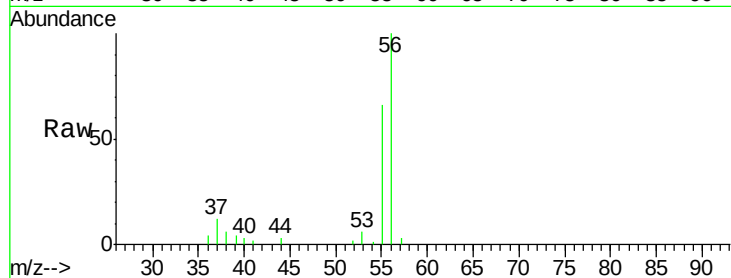
#13
Acrolein
Concen: 75.876 ug/l
RT: 3.76 min Scan# 332
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.2	54.0	81.0

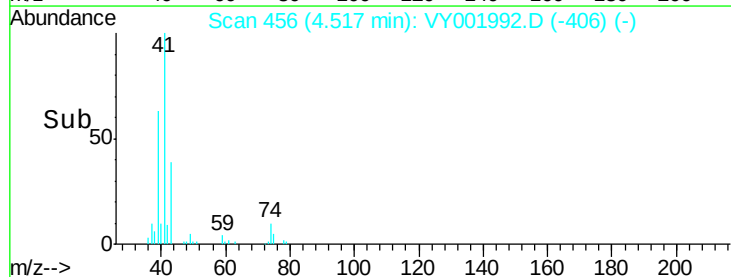
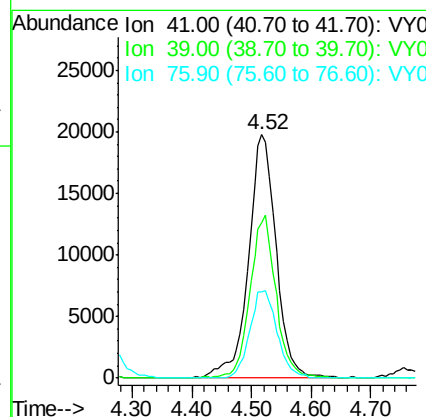
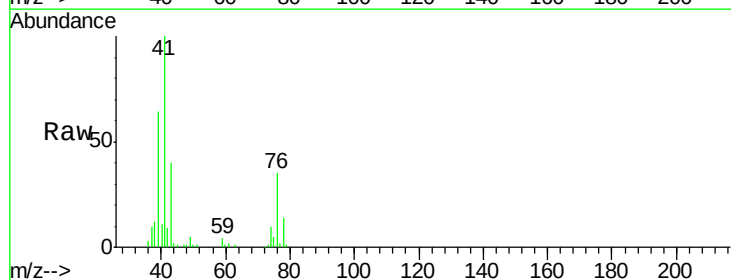
Manual Integrations
APPROVED

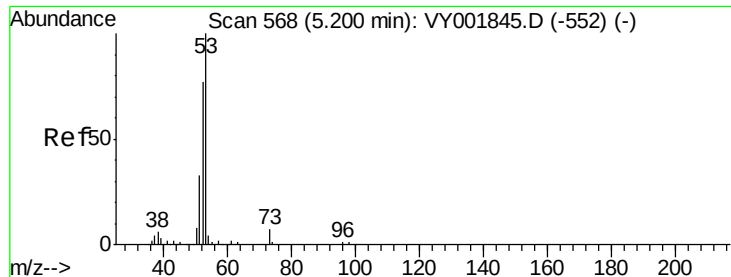
MMDadoda
3/18/2020 11:13:10 AM



#14
Allyl chloride
Concen: 19.987 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.5	49.0	73.6
76	35.3	28.9	43.3





#15

Acrylonitrile

Concen: 95.454 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

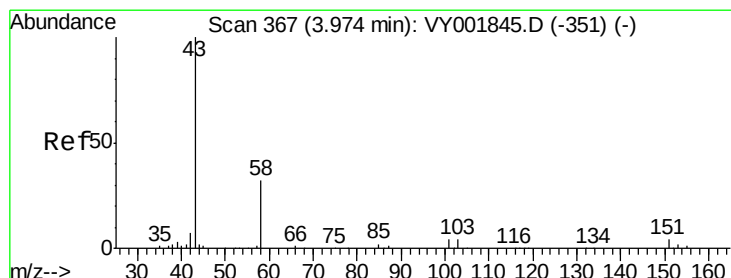
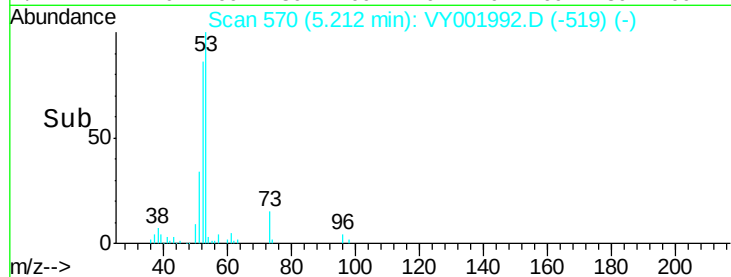
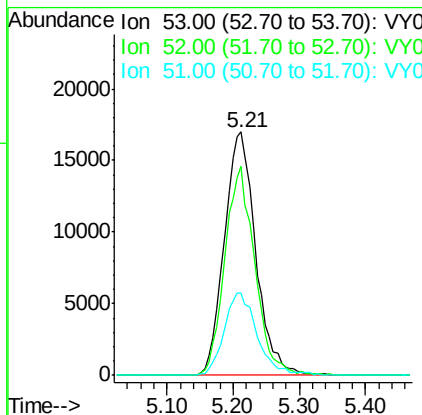
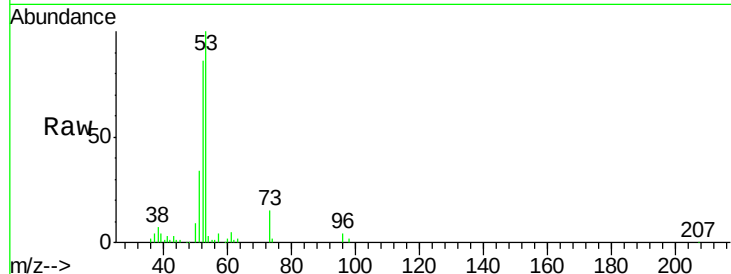
ClientSampleId :

VY0317SBS01

Tot Ion	53	Resp	55969
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.1	97.7
51	35.3	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 88.621 ug/l

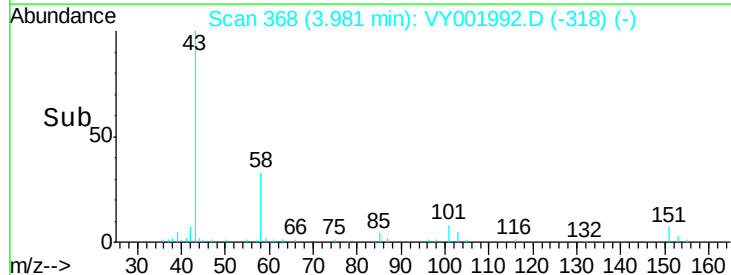
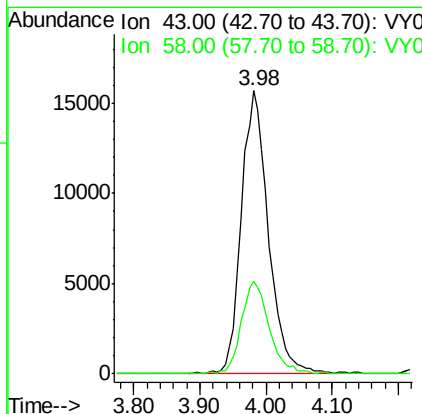
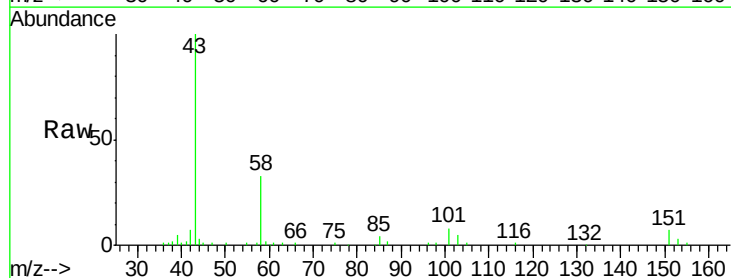
RT: 3.98 min Scan# 368

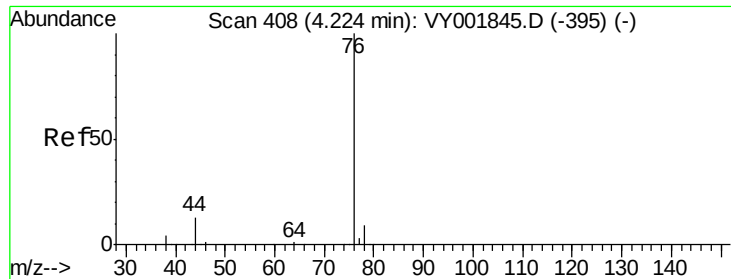
Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Tgt Ion	43	Resp	44686
Ion	Ratio	Lower	Upper
43	100		
58	32.6	25.9	38.9





#17

Carbon Disulfide

Concen: 18.568 ug/l

RT: 4.23 min Scan# 409

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

Tot Ion: 76 Resp: 112543

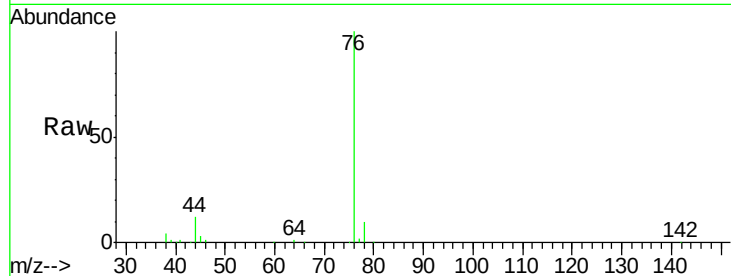
Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.2

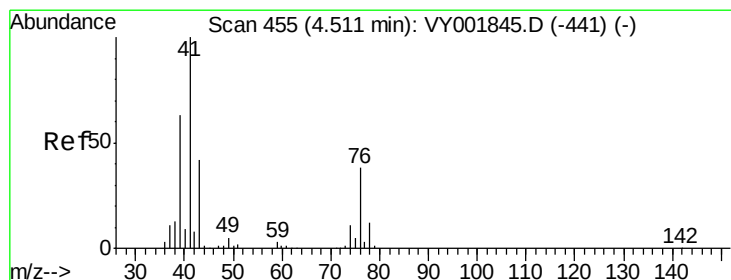
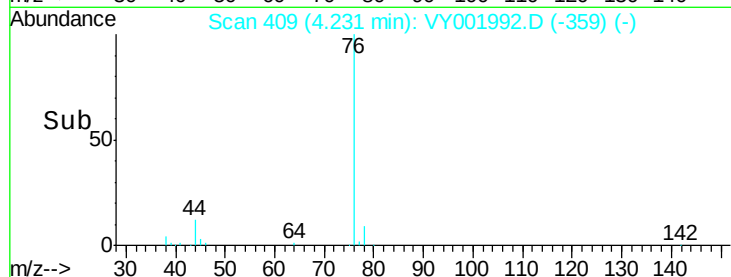
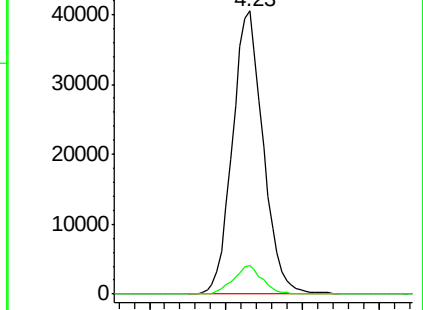
Manual Integrations
APPROVED

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3/18/2020 11:13:10 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.392 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001992.D

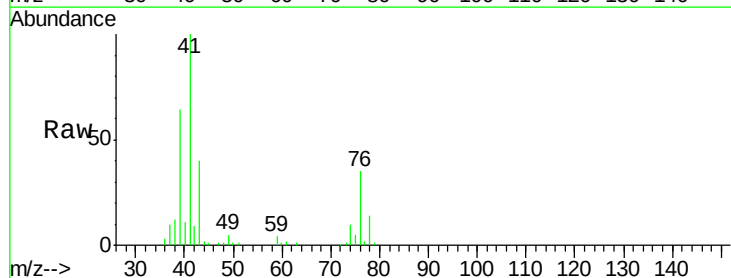
Acq: 17 Mar 2020 11:21

Tgt Ion: 43 Resp: 25124

Ion Ratio Lower Upper

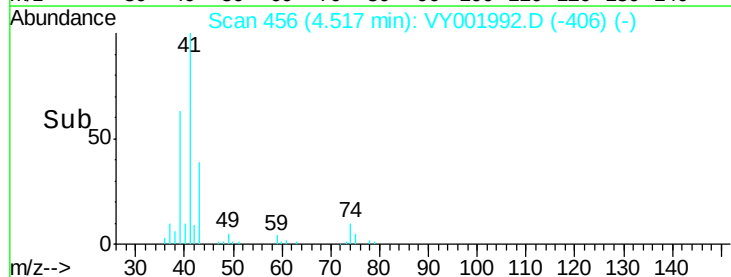
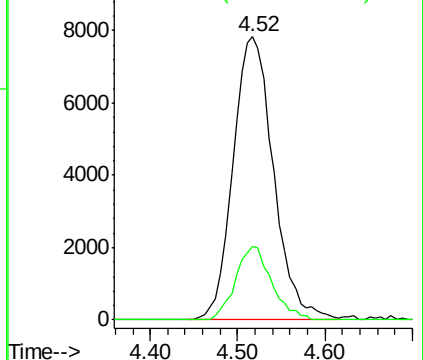
43 100

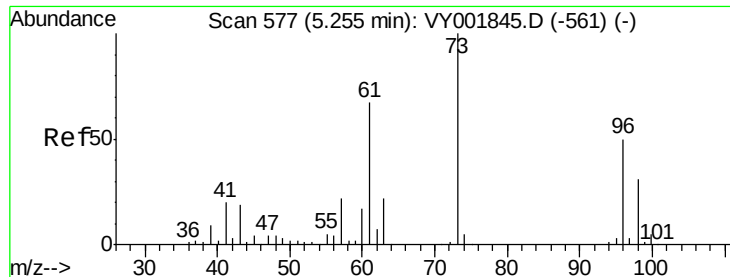
74 23.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





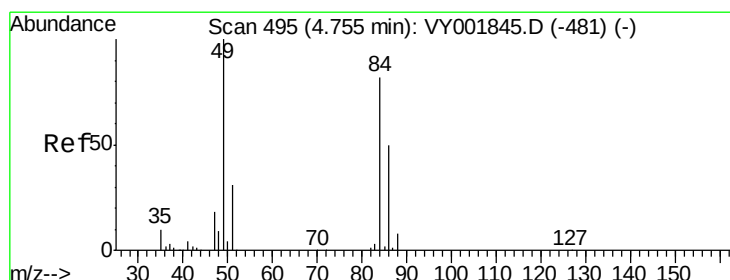
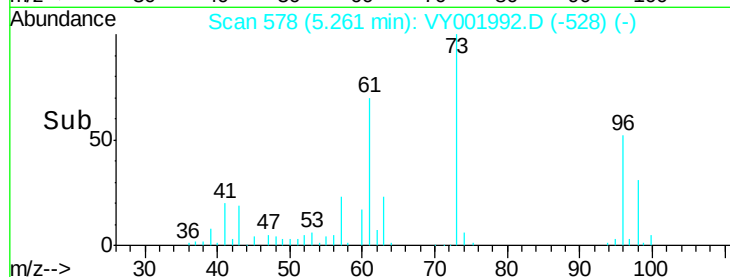
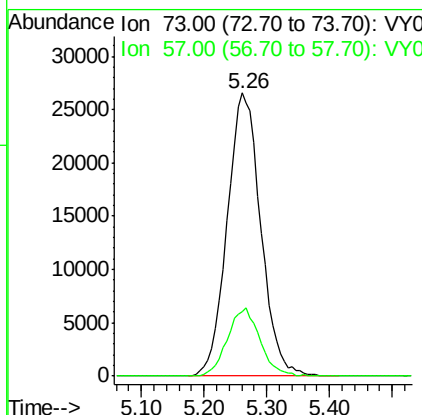
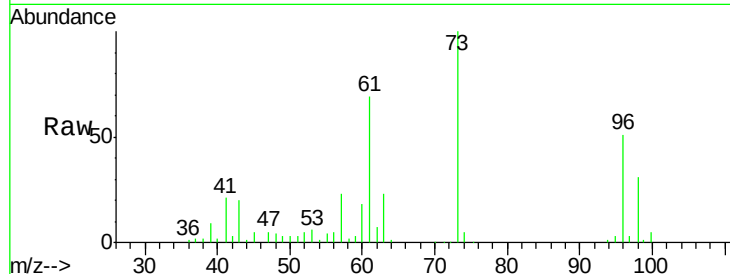
#19
Methyl tert-butyl Ether
Concen: 20.099 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion: 73 Resp: 98205
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.2

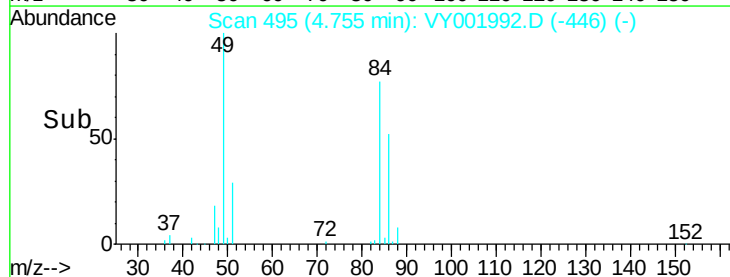
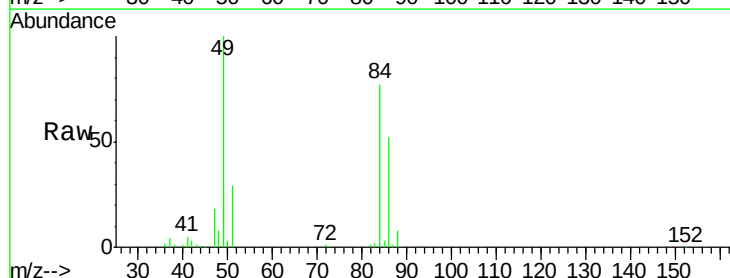
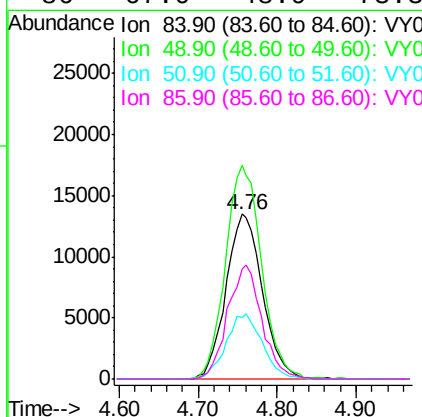
Manual Integrations
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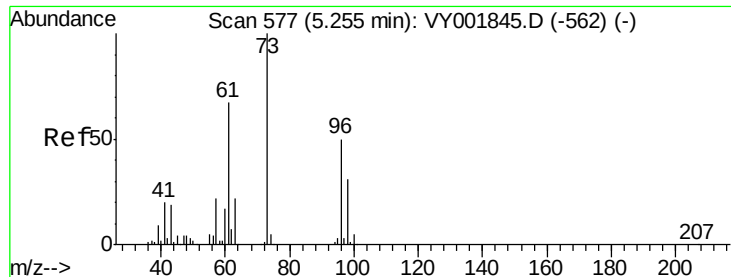
MMDadoda
3/18/2020 11:13:10 AM



#20
Methylene Chloride
Concen: 20.047 ug/l
RT: 4.76 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion: 84 Resp: 43323
Ion Ratio Lower Upper
84 100
49 129.5 98.2 147.2
51 36.9 30.2 45.2
86 67.0 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.108 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

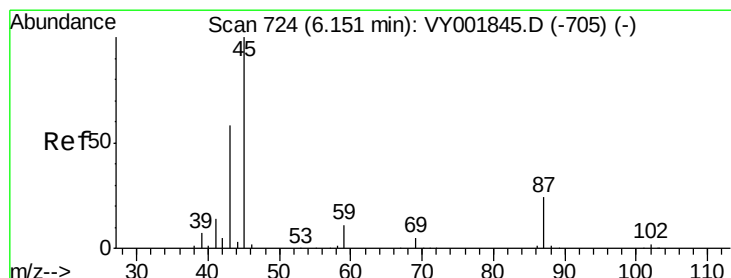
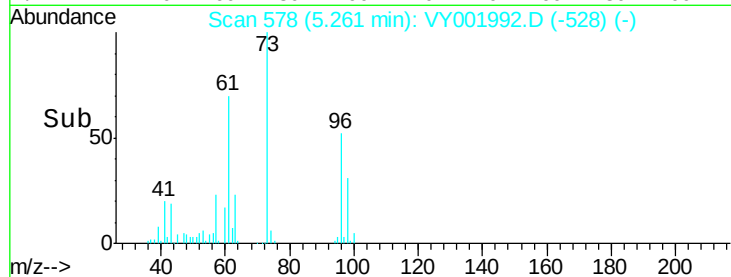
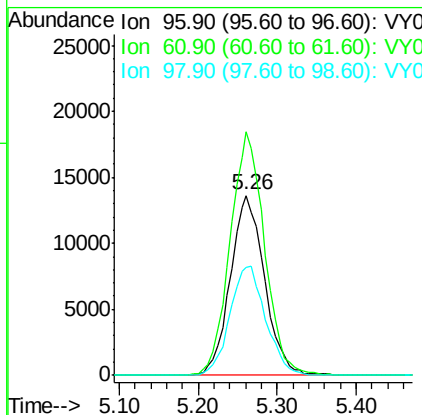
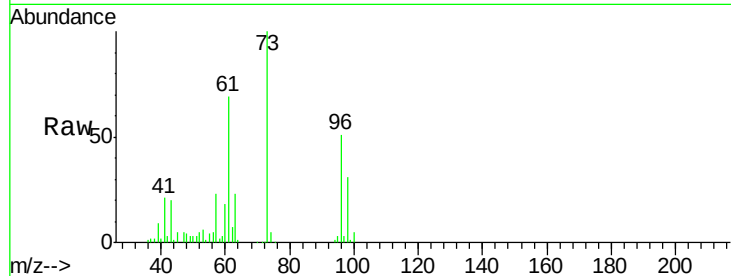
ClientSampleId :

VY0317SBS01

Tot Ion:	96	Resp:	41150
Ion	Ratio	Lower	Upper
96	100		
61	135.5	107.7	161.5
98	60.3	49.3	73.9

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#22

Diisopropyl ether

Concen: 20.527 ug/l

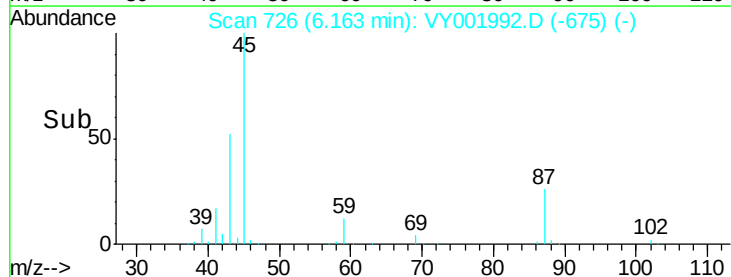
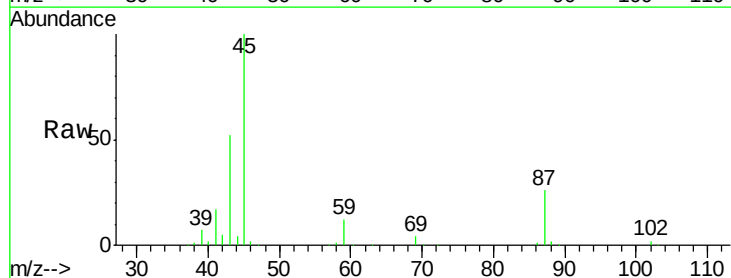
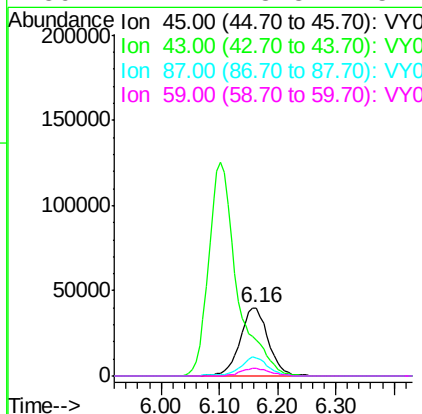
RT: 6.16 min Scan# 726

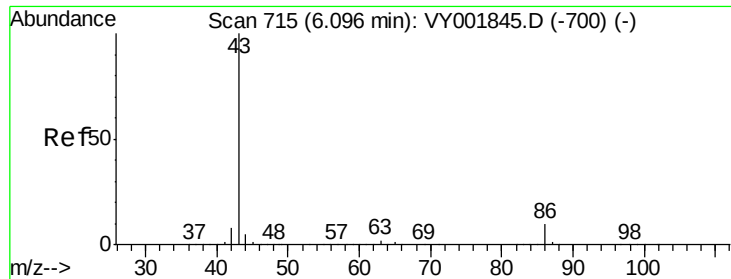
Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Tgt Ion:	45	Resp:	134491
Ion	Ratio	Lower	Upper
45	100		
43	51.3	47.2	70.8
87	25.7	19.8	29.8
59	11.7	8.8	13.2





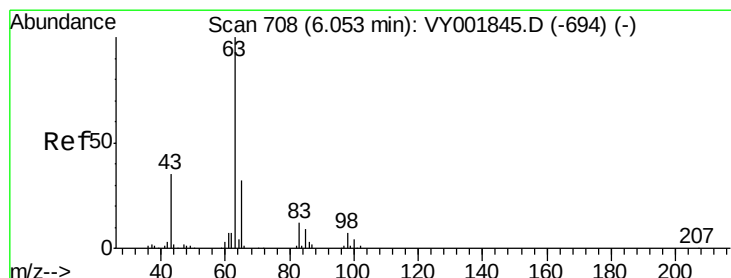
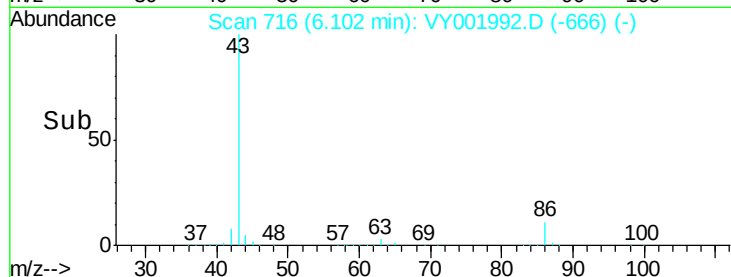
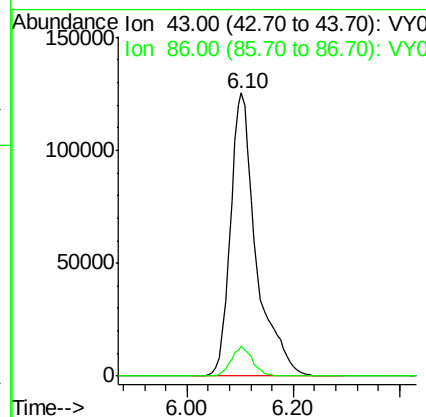
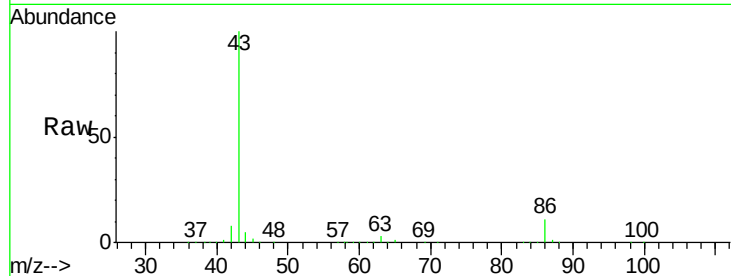
#23
 Vinyl Acetate
 Concen: 98.477 ug/l
 RT: 6.10 min Scan# 716
 Delta R.T. 0.01 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Tot Ion	43	Resp	422984
Ion Ratio	100	Lower	Upper
43	100		
86	10.5	7.8	11.8

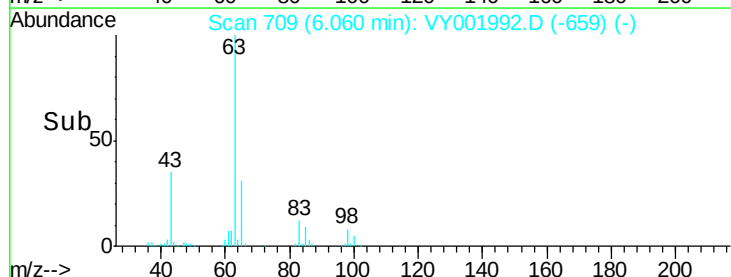
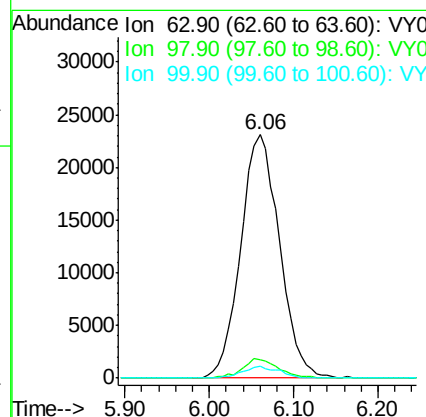
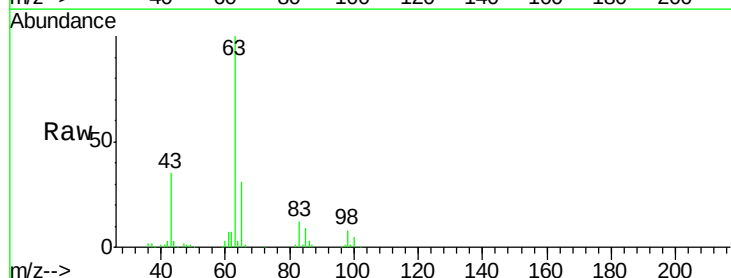
Manual Integrations
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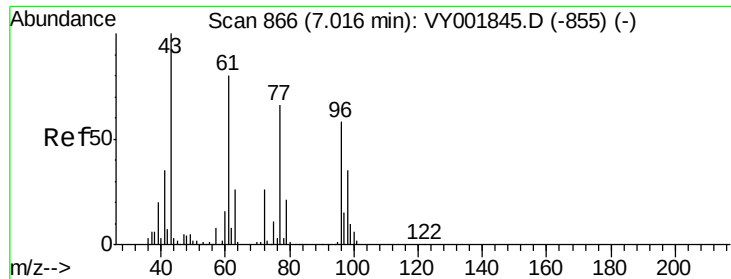
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 20.314 ug/l
 RT: 6.06 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion	63	Resp	72076
Ion Ratio	100	Lower	Upper
63	100		
98	7.6	3.4	10.2
100	4.8	2.0	6.0





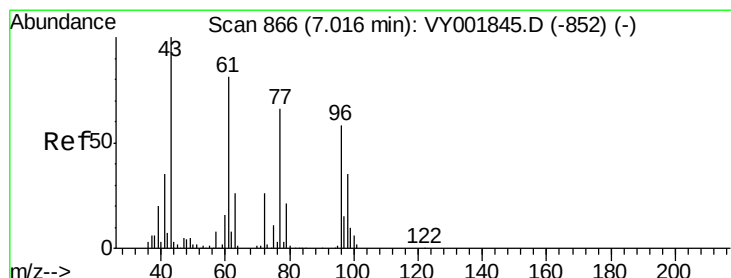
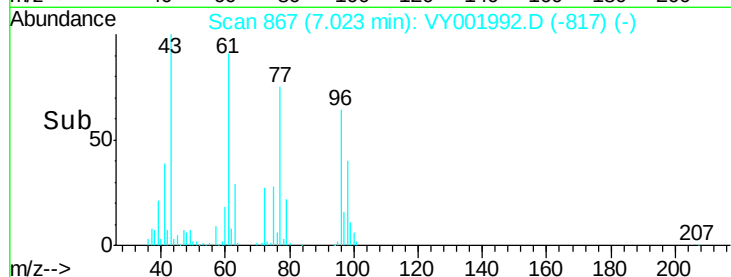
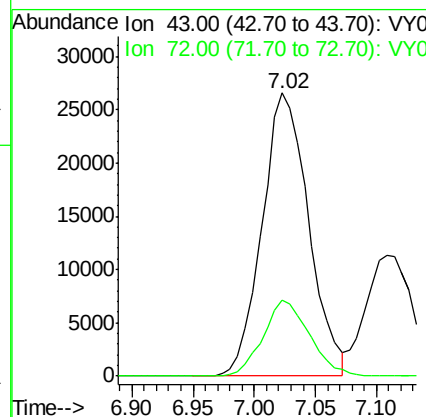
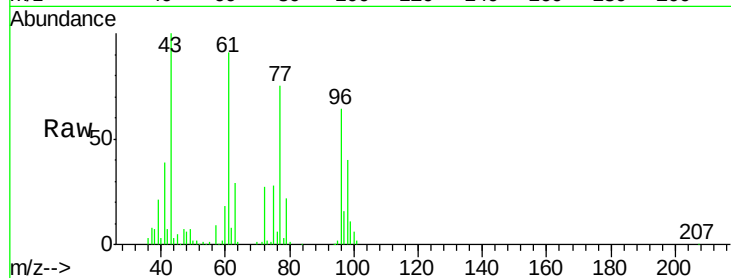
#25
2-Butanone
Concen: 91.843 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion: 43 Resp: 70426
Ion Ratio Lower Upper
43 100
72 26.7 20.9 31.3

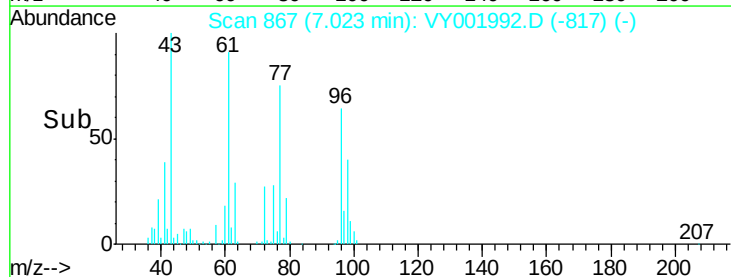
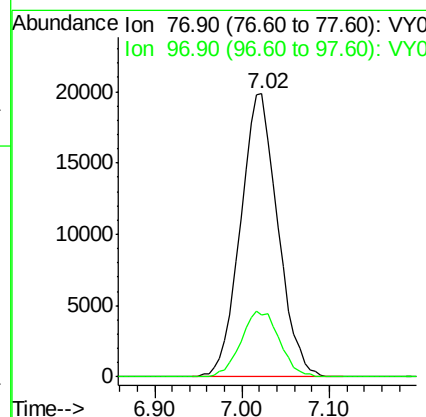
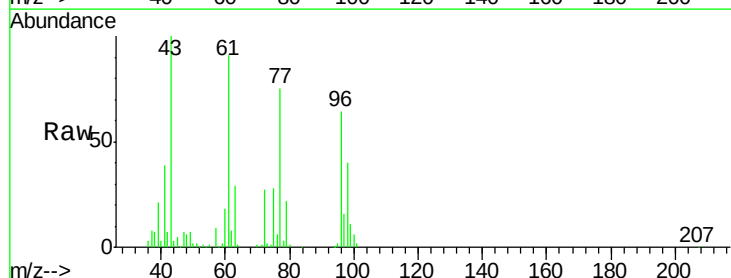
Manual Integrations
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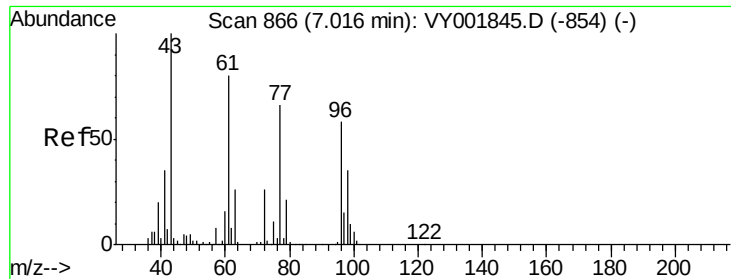
MMDadoda
3/18/2020 11:13:10 AM



#26
2,2-Dichloropropane
Concen: 20.175 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion: 77 Resp: 58754
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.7





#27

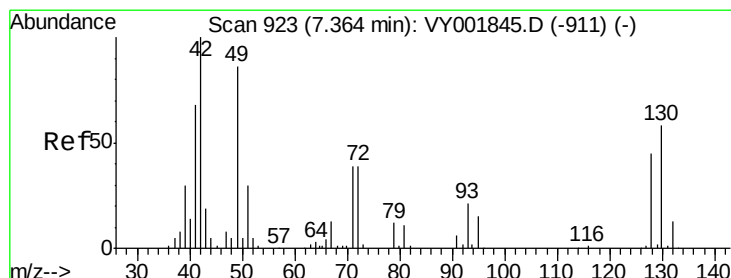
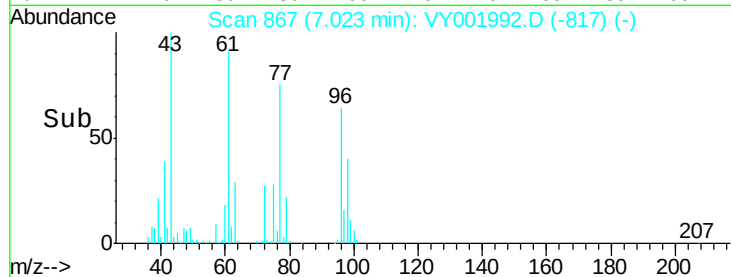
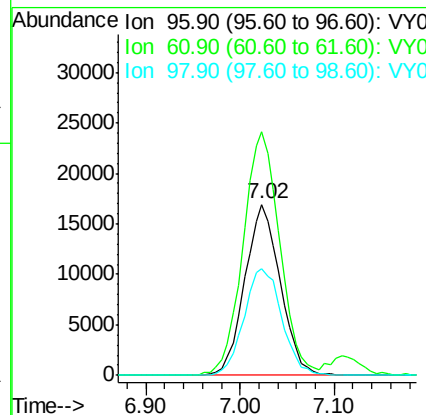
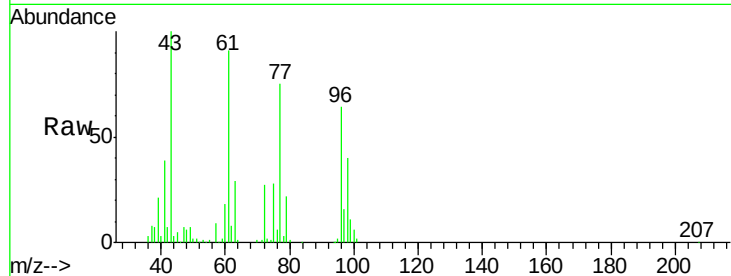
cis-1,2-Dichloroethene
Concen: 20.023 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	288.2
98	66.1	0.0	129.0

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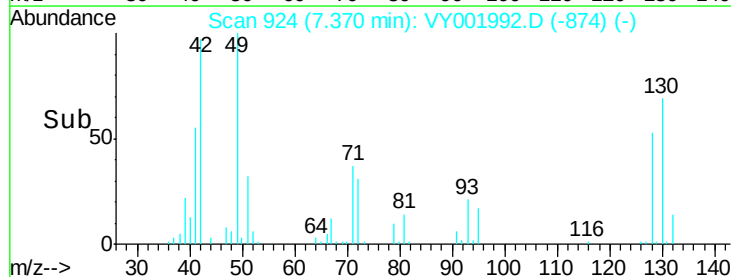
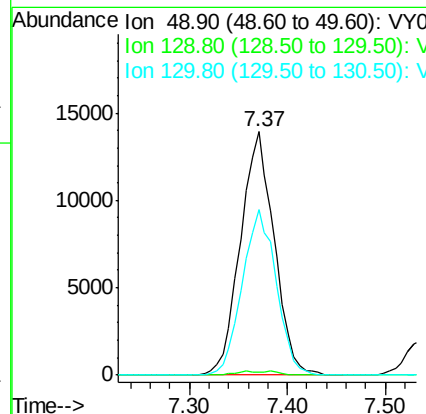
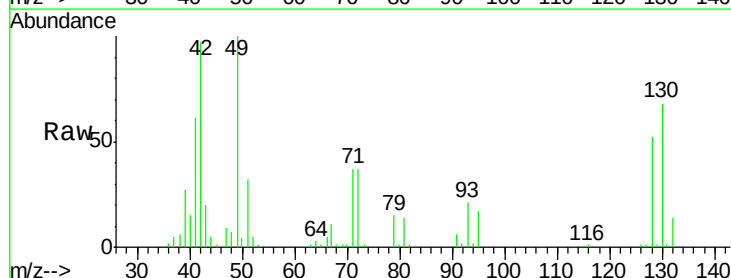
MMDadoda
3/18/2020 11:13:10 AM

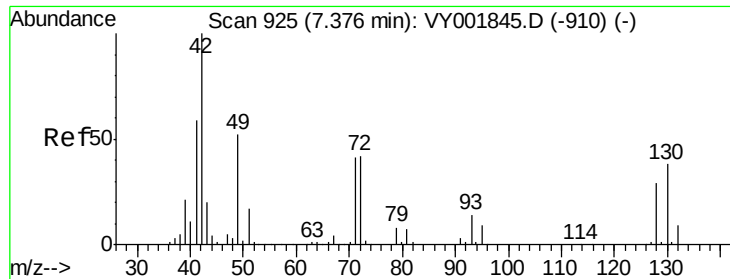


#28

Bromochloromethane
Concen: 20.904 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.8
130	68.3	54.4	81.6





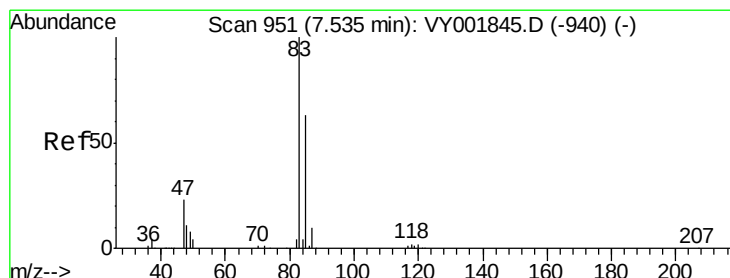
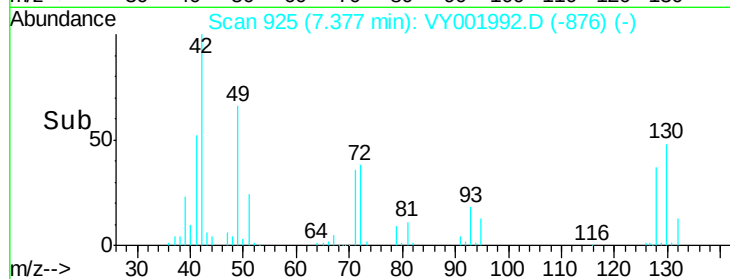
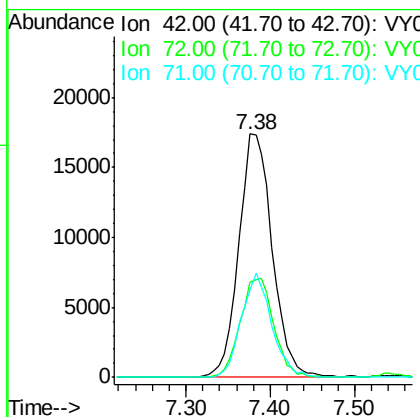
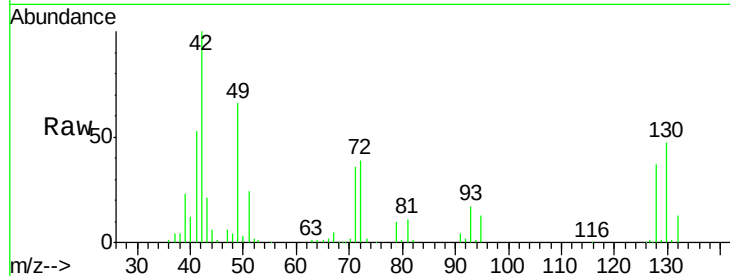
#29
Tetrahydrofuran
Concen: 91.552 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	33.5	50.3
71	38.6	31.3	46.9

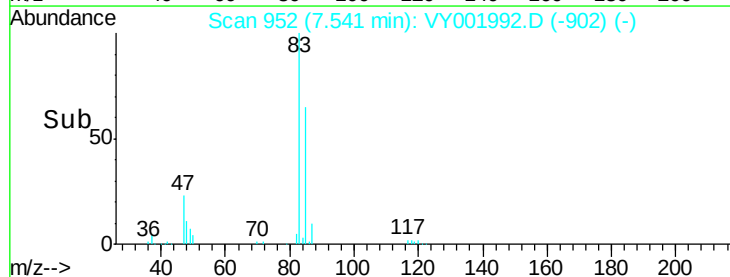
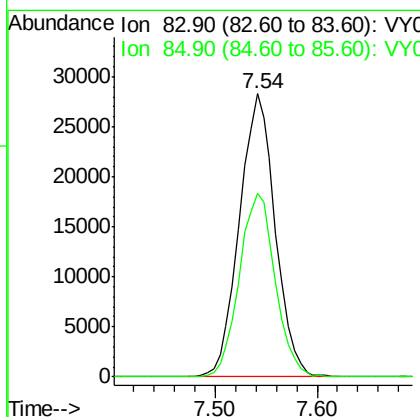
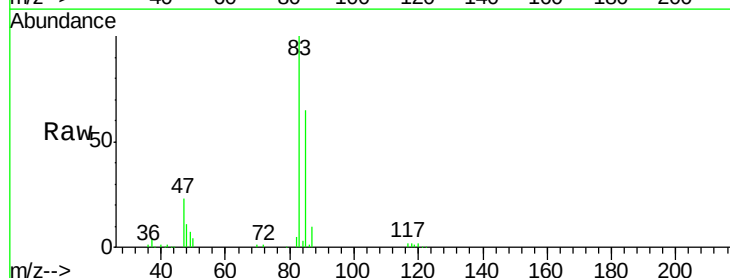
Manual Integrations
APPROVED

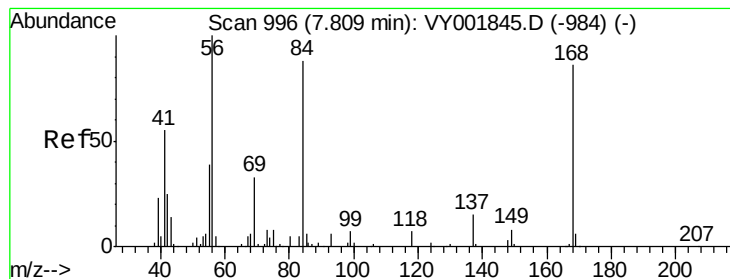
MMDadoda
3/18/2020 11:13:10 AM



#30
Chloroform
Concen: 20.615 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.7	76.1





#31

Cyclohexane

Concen: 19.370 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

Tot Ion: 56 Resp: 73689

Ion Ratio Lower Upper

56 100

69 36.1 26.7 40.1

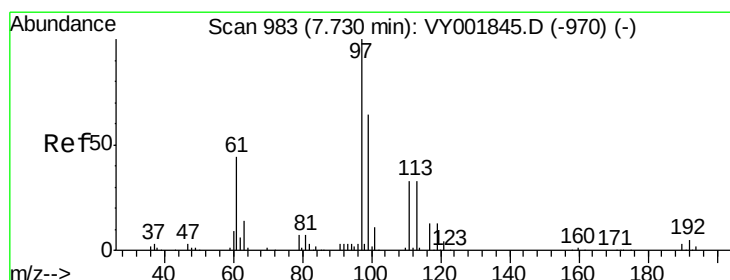
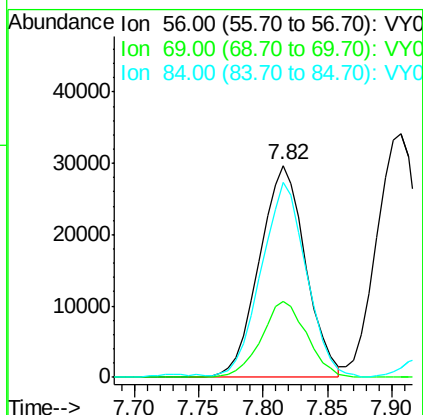
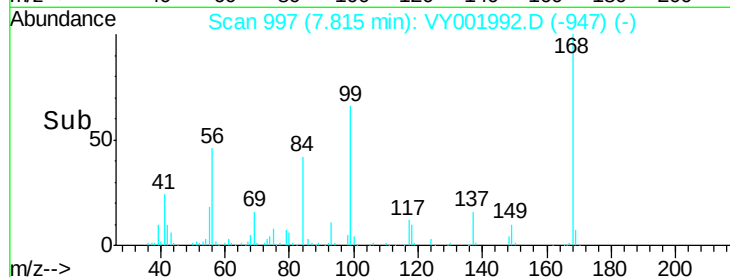
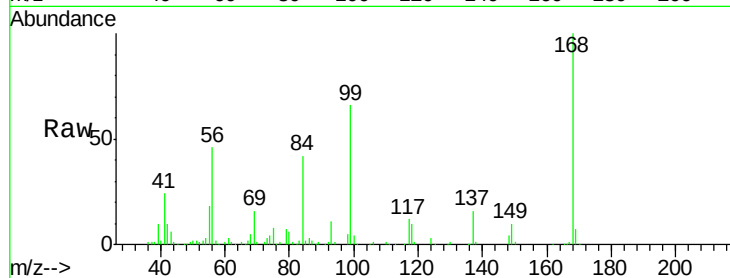
84 90.7 70.4 105.6

Manual Integrations

APPROVED

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#32

1,1,1-Trichloroethane

Concen: 20.518 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

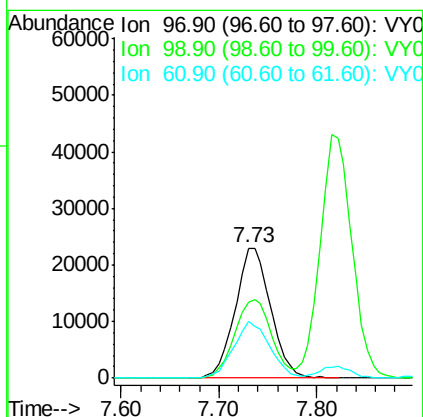
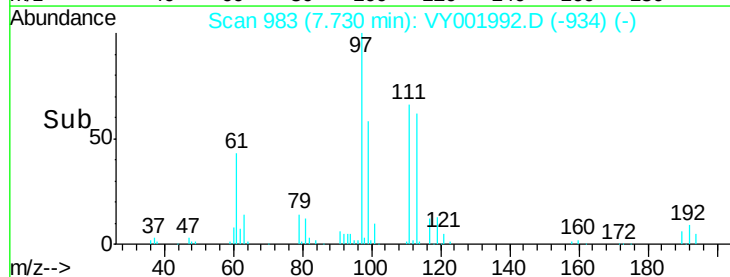
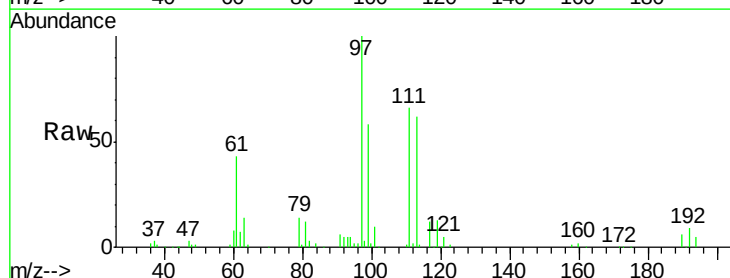
Tgt Ion: 97 Resp: 57647

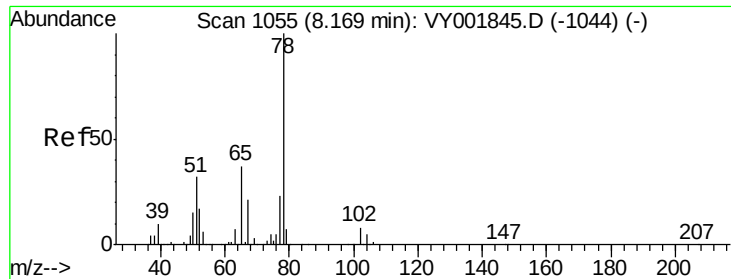
Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

61 44.3 35.0 52.4





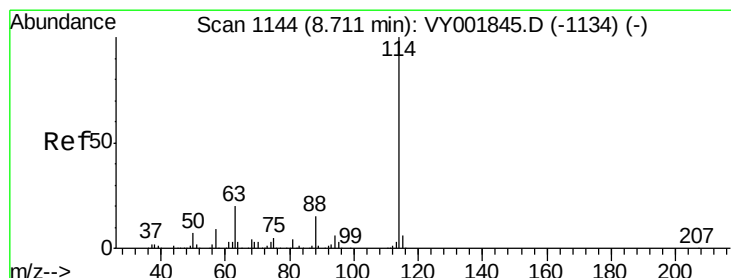
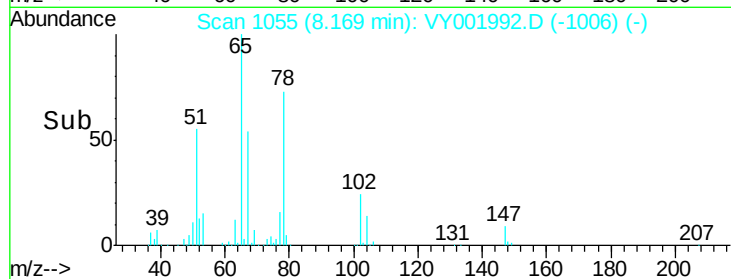
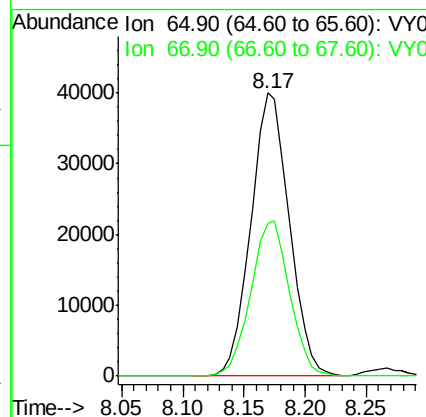
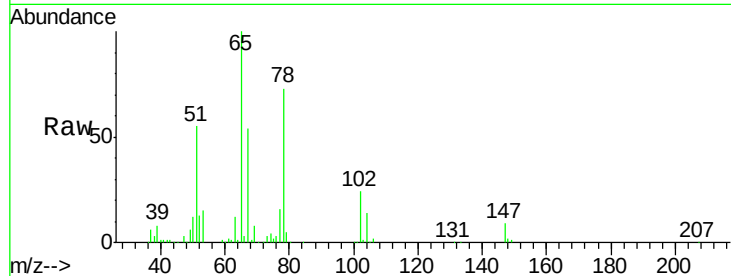
#33
 1,2-Dichloroethane-d4
 Concen: 50.595 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.3	0.0	110.8	

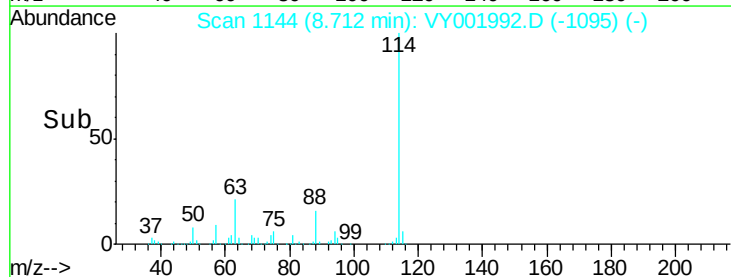
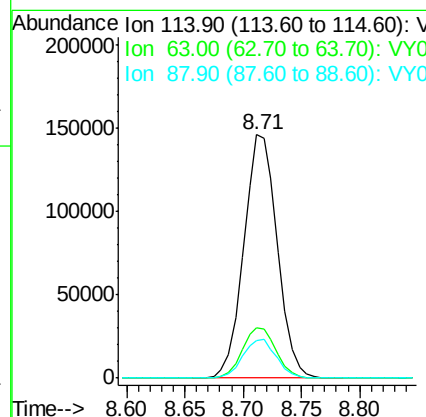
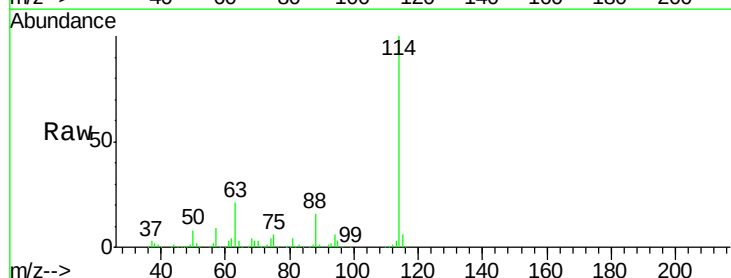
Manual Integrations
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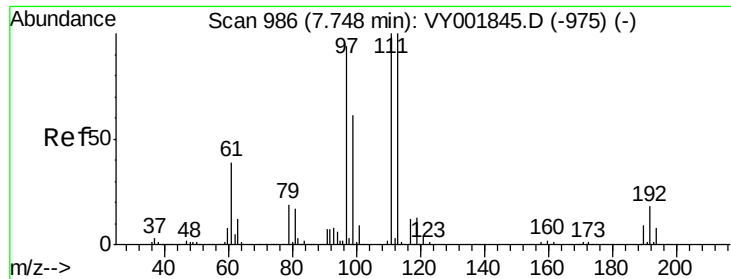
MMDadoda
 3/18/2020 11:13:10 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.9	0.0	39.4	
88	15.6	0.0	30.4	





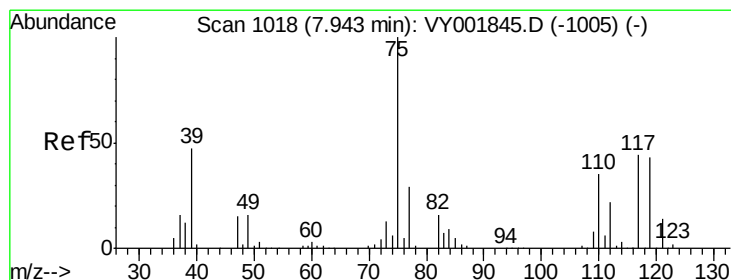
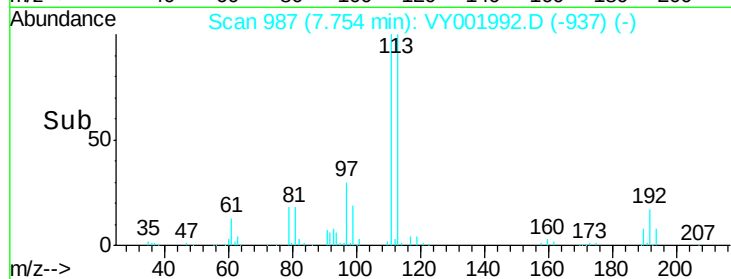
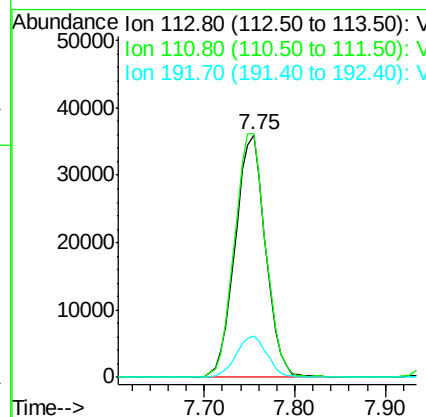
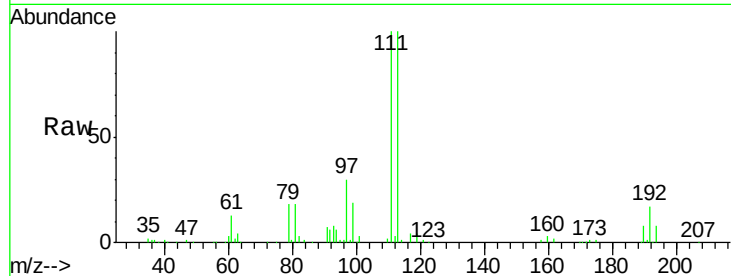
#35
Dibromofluoromethane
Concen: 52.605 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.8
192	17.2	14.2	21.2

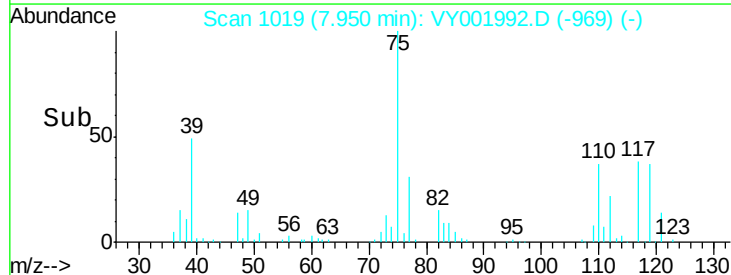
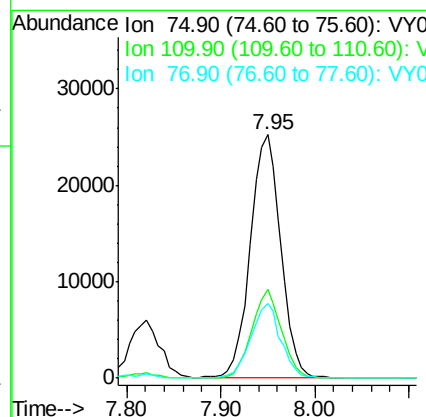
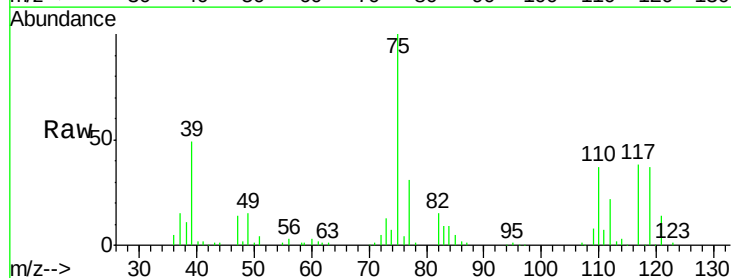
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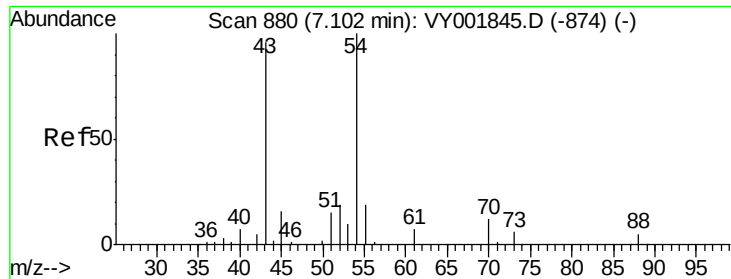
MMDadoda
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#36
1,1-Dichloropropene
Concen: 20.498 ug/l
RT: 7.95 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.4	52.2
77	30.2	24.2	36.2





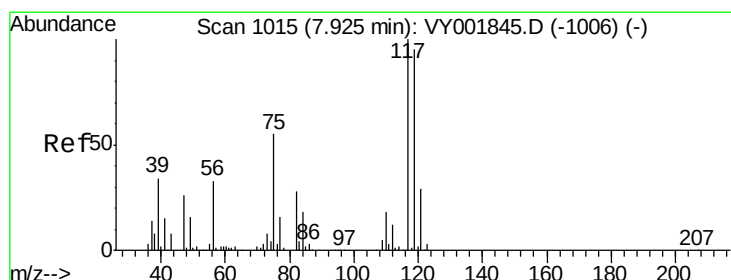
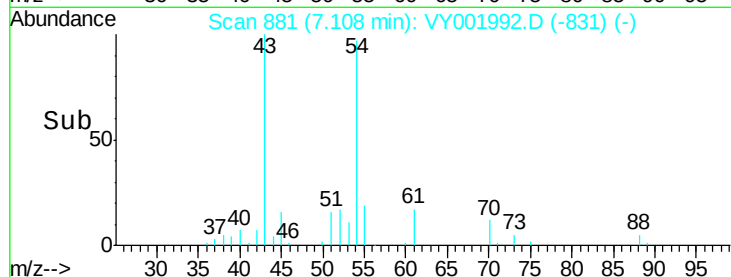
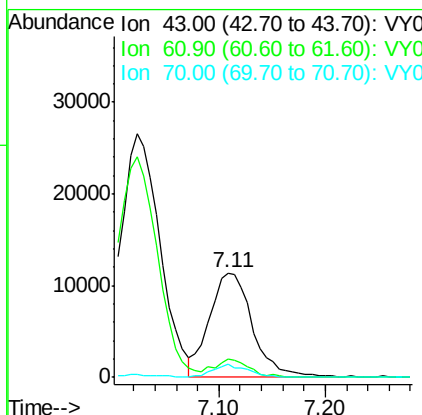
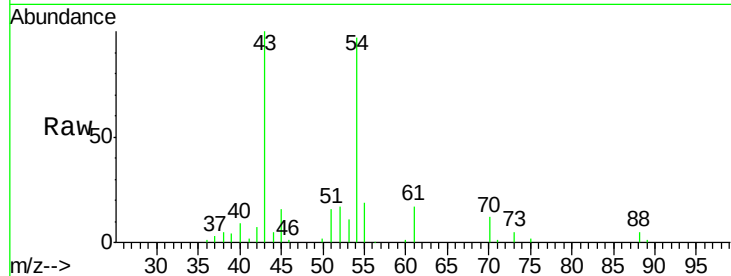
#37
Ethyl Acetate
Concen: 19.342 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.1	16.7
70	10.4	8.2	12.4

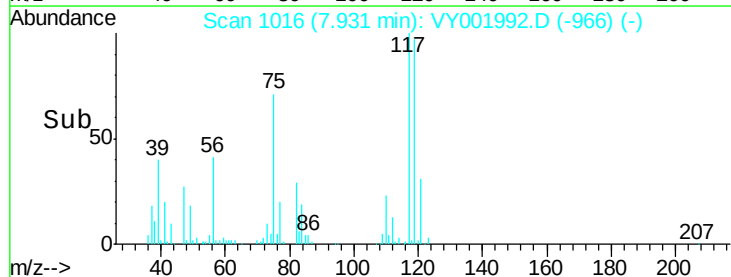
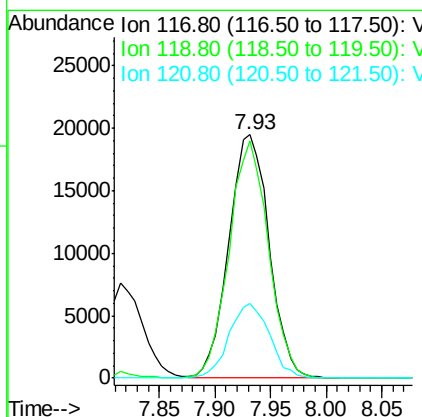
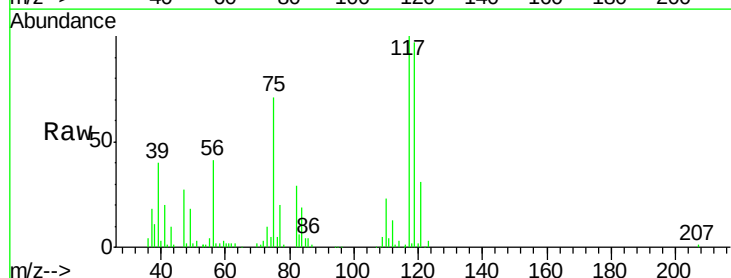
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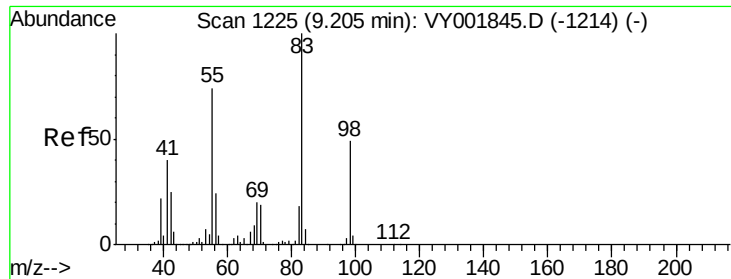
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3/18/2020 11:13:10 AM



#38
Carbon Tetrachloride
Concen: 20.437 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.3	114.5
121	30.6	23.5	35.3





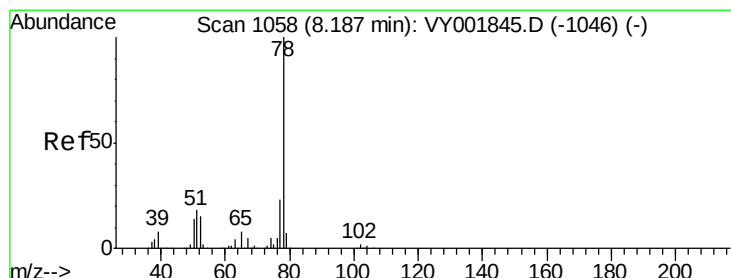
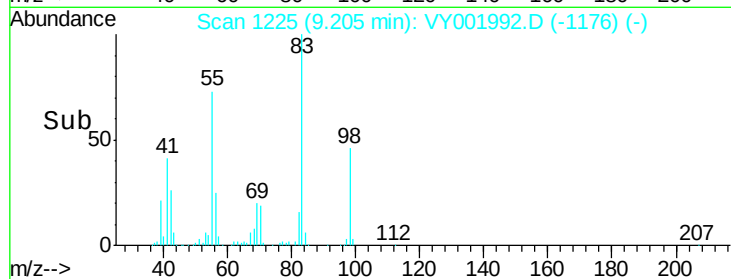
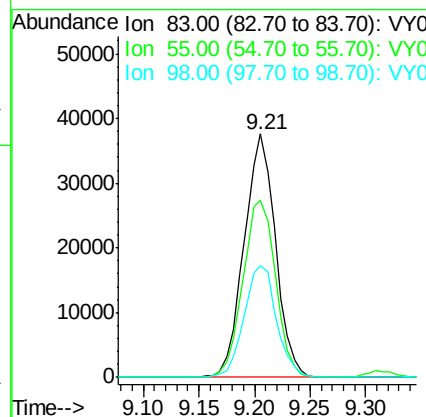
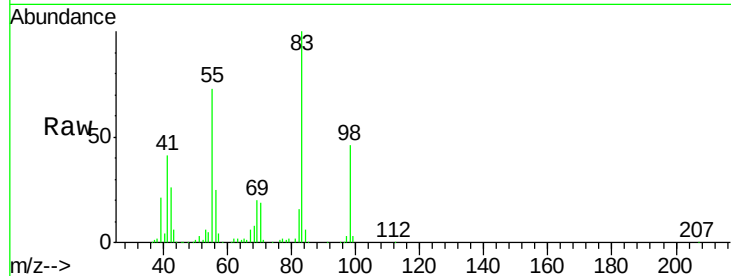
#39
Methylvlcyclohexane
Concen: 19.709 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.6	59.4	89.0
98	46.1	38.9	58.3

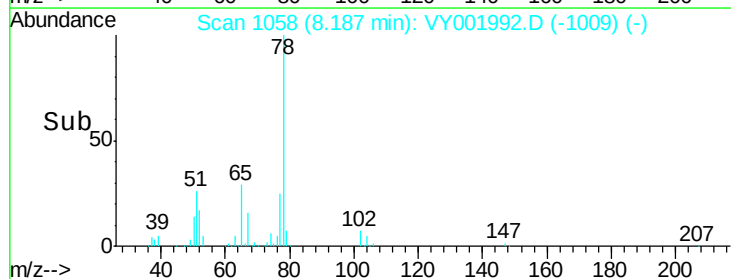
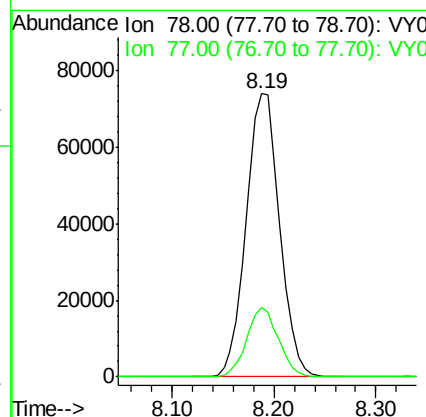
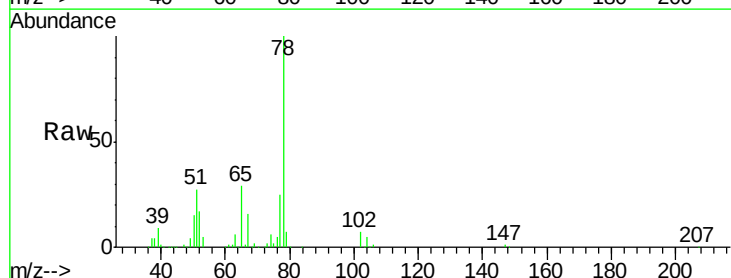
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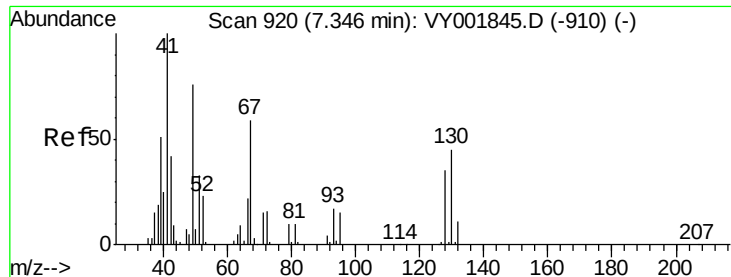
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#40
Benzene
Concen: 20.304 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.7	28.1





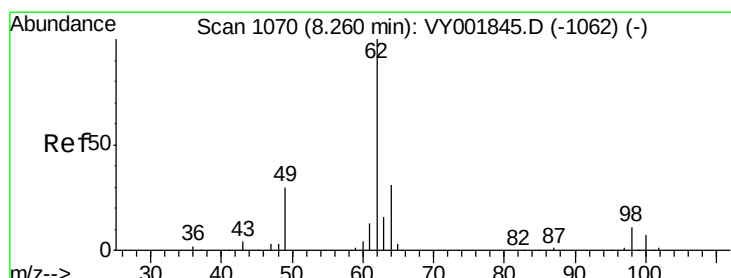
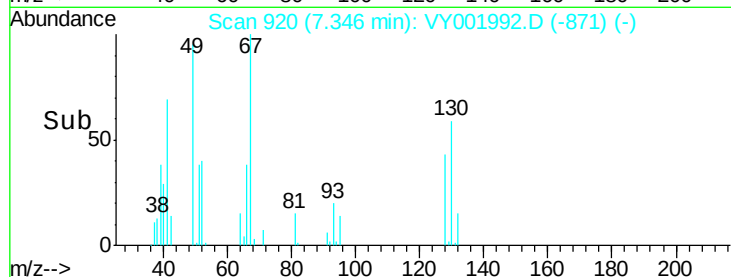
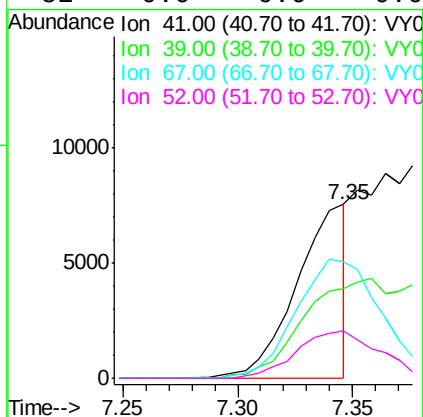
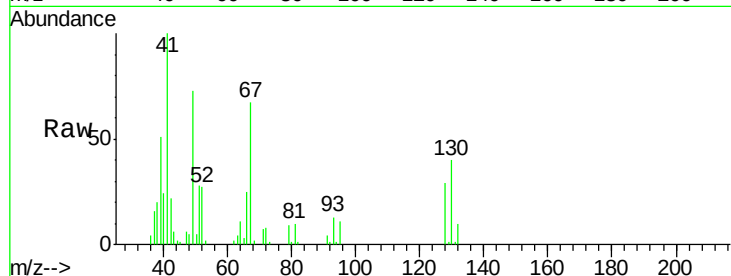
#41
Methacrylonitrile
Concen: 15.836 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion:	41	Resp:	11629
Ion	Ratio	Lower	Upper
41	100		
39	0.0	111.7	167.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

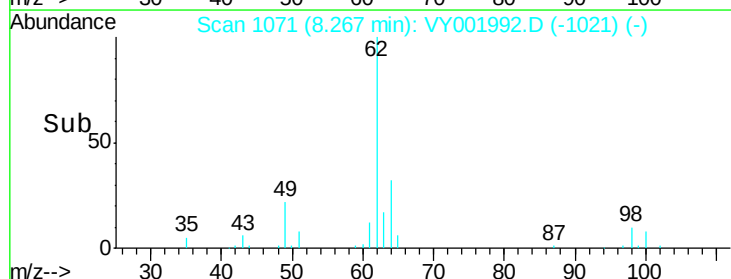
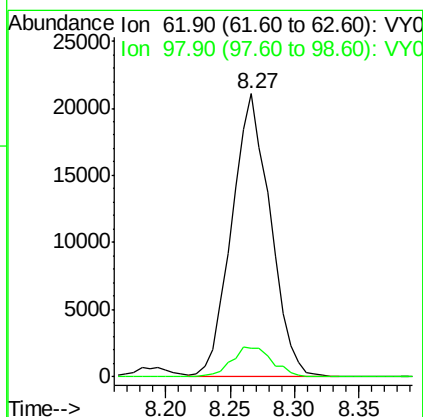
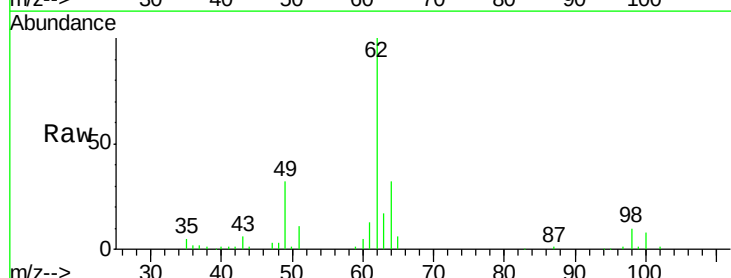
Manual Integrations
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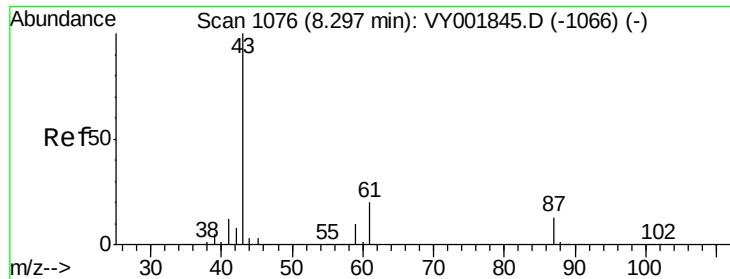
MMDadoda
3/18/2020 11:13:10 AM



#42
1,2-Dichloroethane
Concen: 20.492 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion:	62	Resp:	43942
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.4





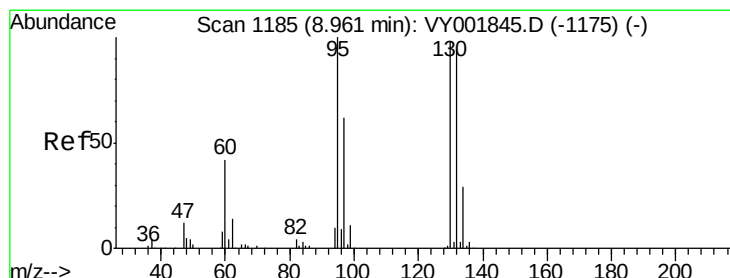
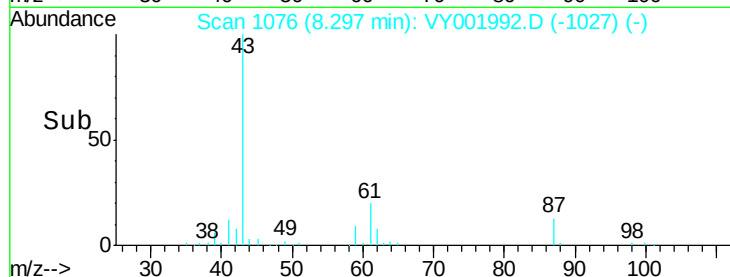
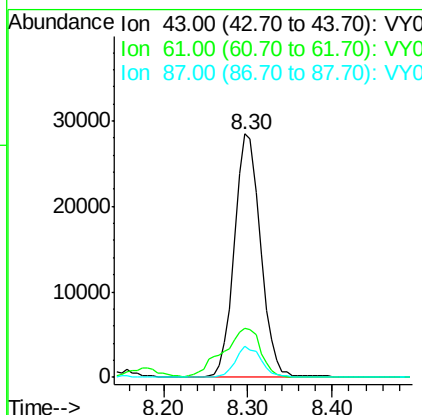
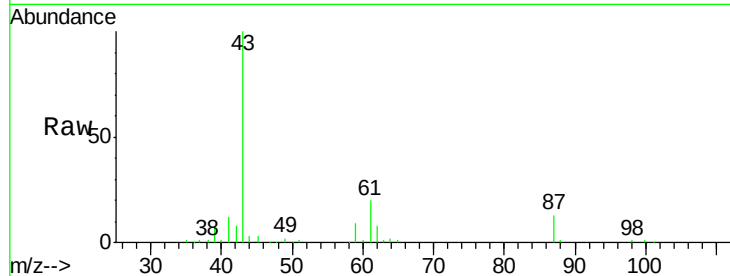
#43
Isopropyl Acetate
Concen: 19.338 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.8	35.6
87	12.4	10.9	16.3

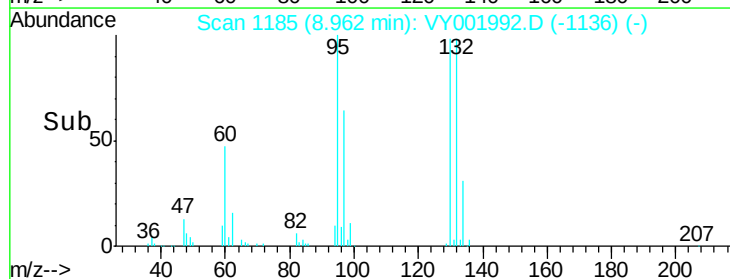
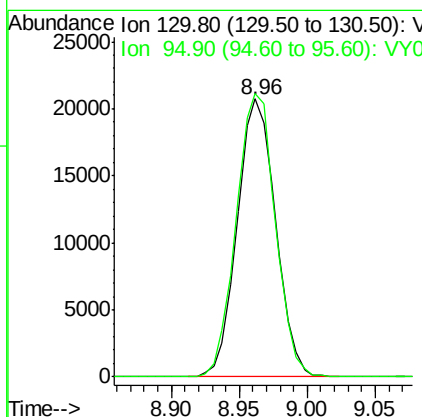
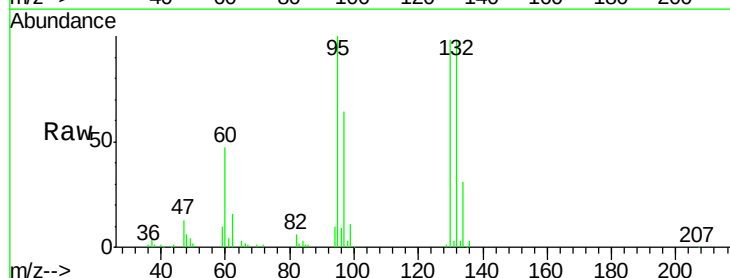
Manual Integrations
APPROVED

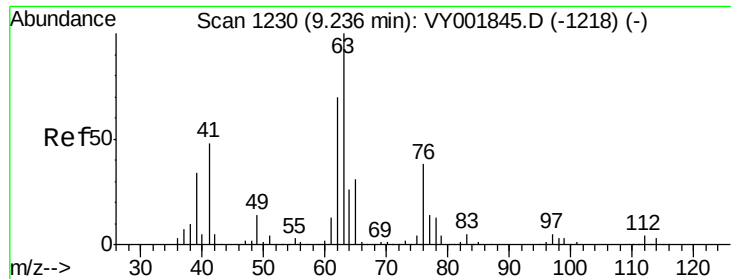
MMDadoda
3/18/2020 11:13:10 AM



#44
Trichloroethene
Concen: 20.153 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	204.6





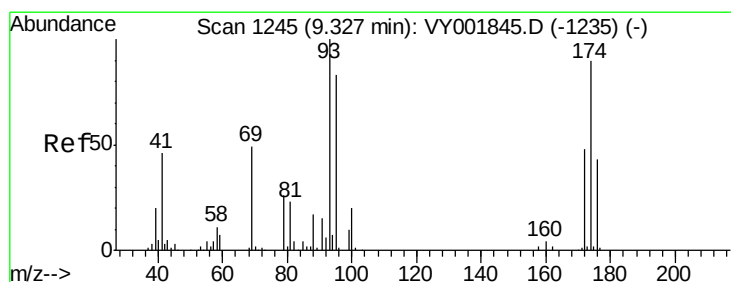
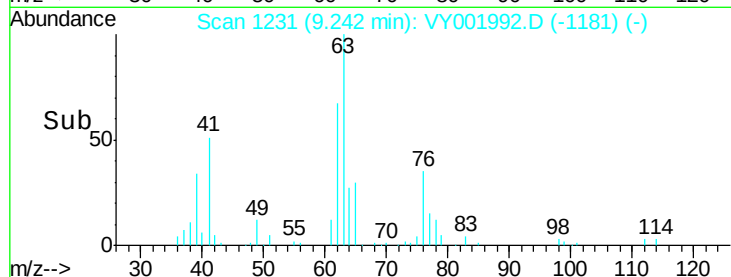
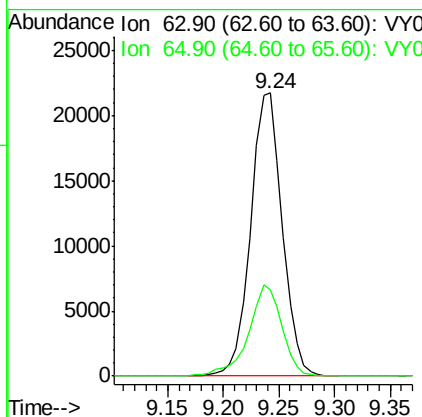
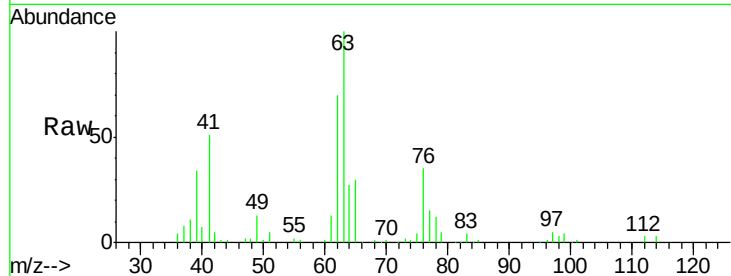
#45
 1,2-Dichloropropane
 Concen: 20.553 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Tot Ion: 63 Resp: 42995
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.9 37.3

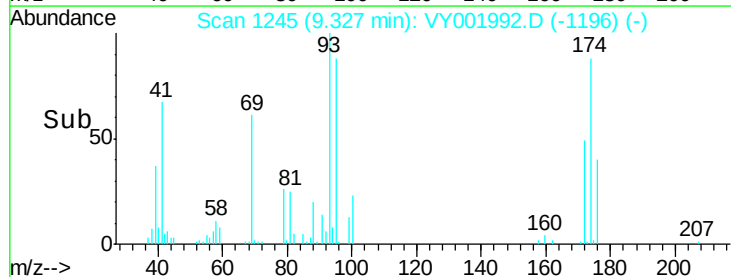
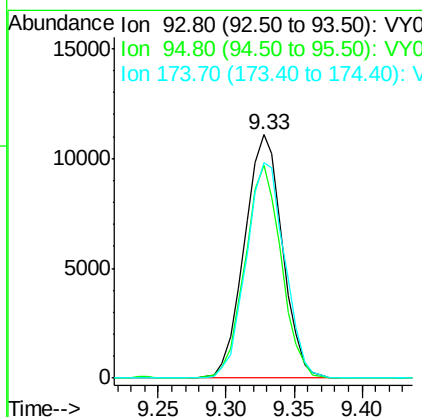
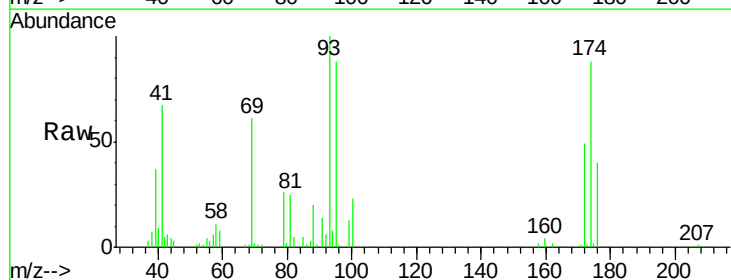
Manual Integrations
 APPROVED

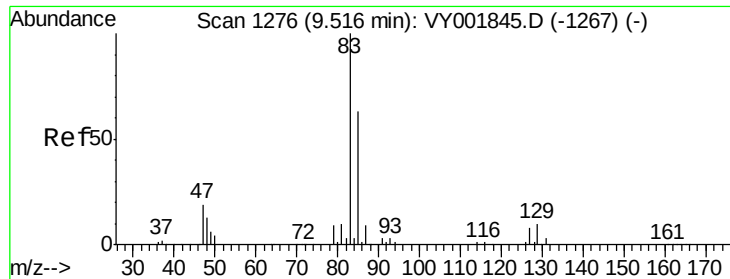
MMDadoda
 3/18/2020 11:13:10 AM



#46
 Dibromomethane
 Concen: 20.073 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion: 93 Resp: 21639
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.0 100.4
 174 89.7 71.8 107.8





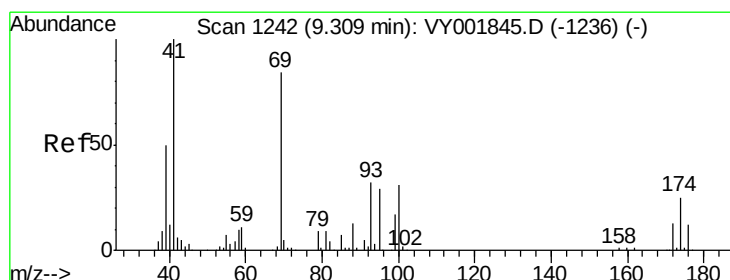
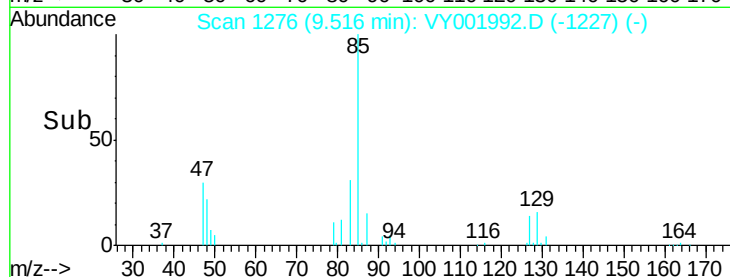
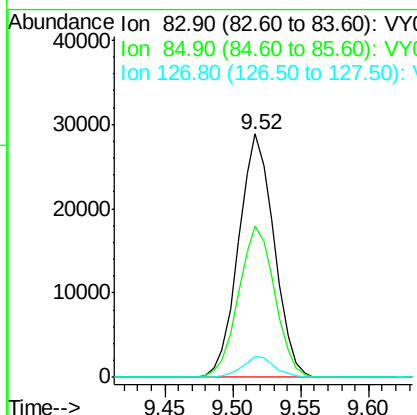
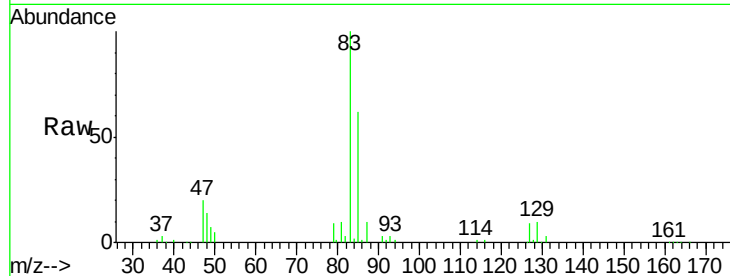
#47
Bromodichloromethane
Concen: 21.048 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	83	Resp	52782
Ion Ratio	100	Lower	Upper
83	100		
85	62.5	50.6	76.0
127	8.8	6.2	9.4

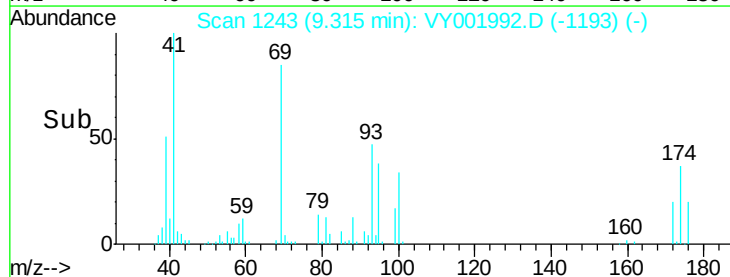
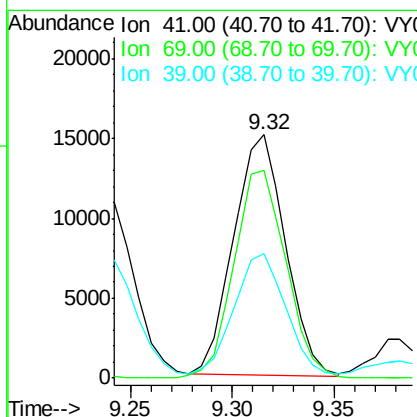
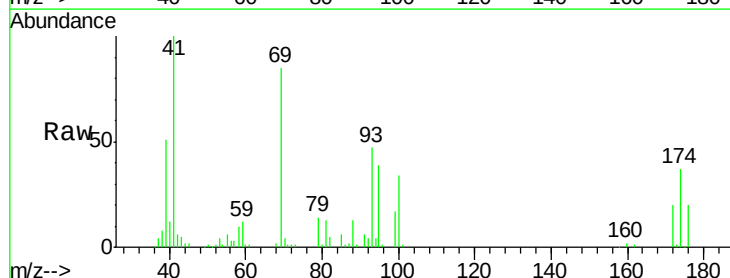
Manual Integrations
APPROVED

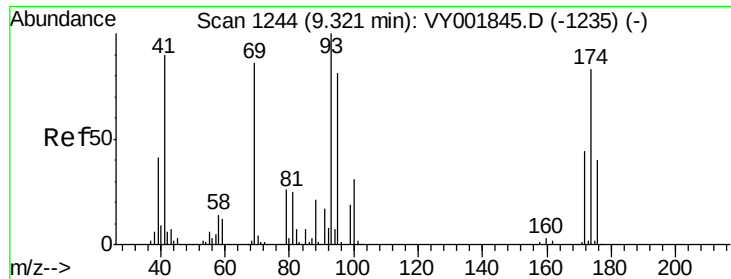
MMDadoda
3/18/2020 11:13:10 AM



#48
Methyl methacrylate
Concen: 19.416 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	41	Resp	26616
Ion Ratio	100	Lower	Upper
41	100		
69	86.2	69.0	103.6
39	49.9	39.1	58.7





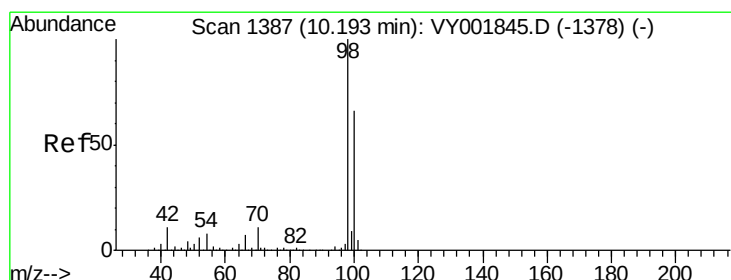
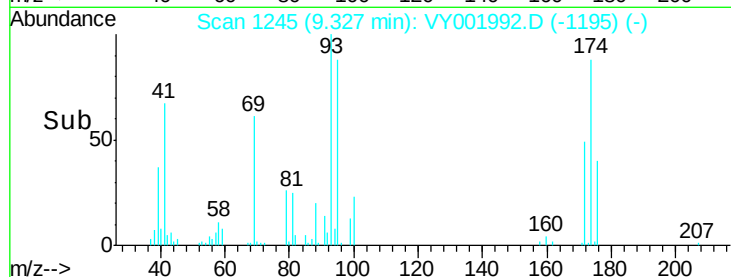
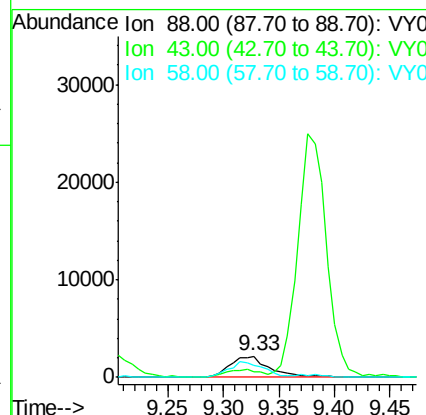
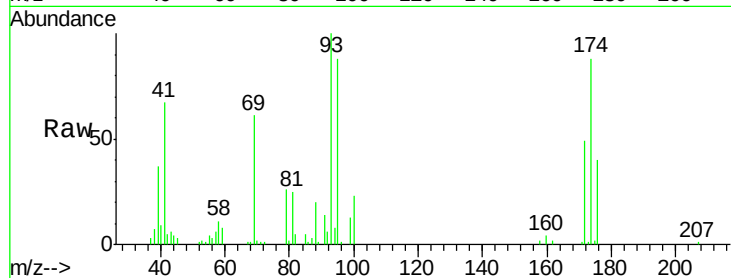
#49
1,4-Dioxane
Concen: 366.589 ug/l
RT: 9.33 min Scan# 1245
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	5415		
43	32.1	25.0	37.6	
58	69.4	58.9	88.3	

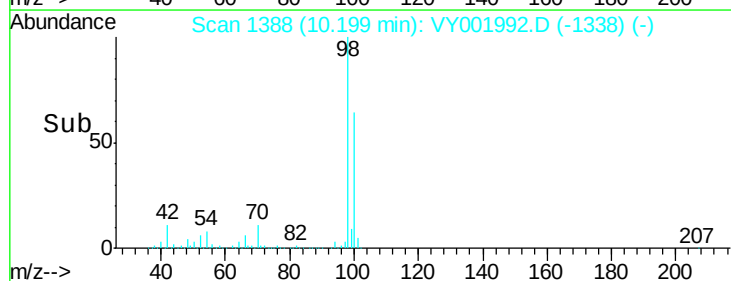
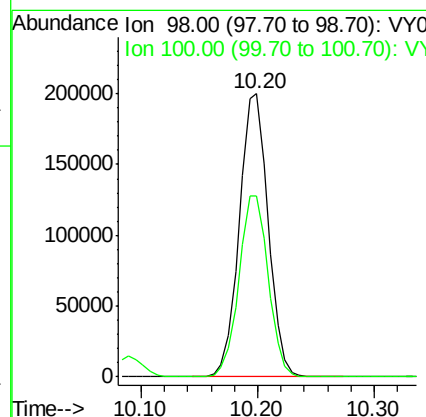
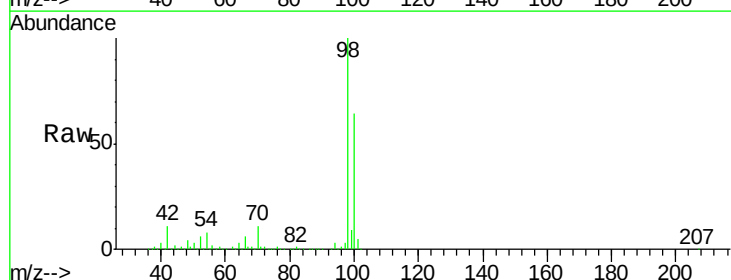
Manual Integrations
APPROVED

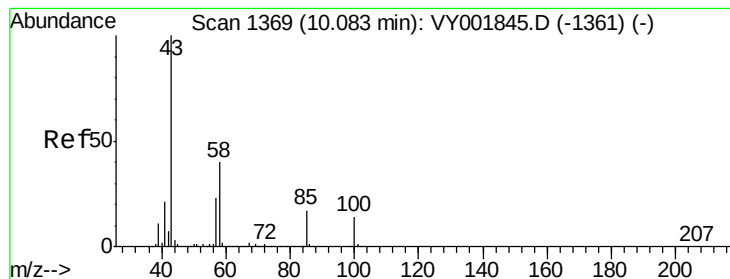
MMDadoda
3/18/2020 11:13:10 AM



#50
Toluene-d8
Concen: 51.360 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	345026		
100	65.1	53.0	79.4	





#51

4-Methyl-2-Pentanone

Concen: 99.348 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

Tot Ion: 43 Resp: 158086

Ion Ratio Lower Upper

43 100

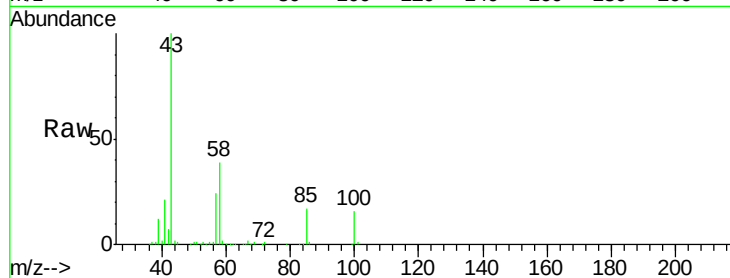
58 39.9 32.0 48.0

Manual Integrations

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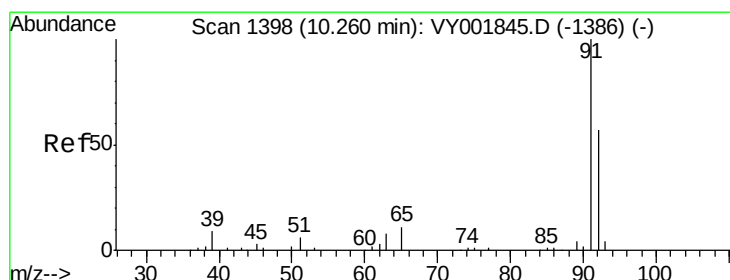
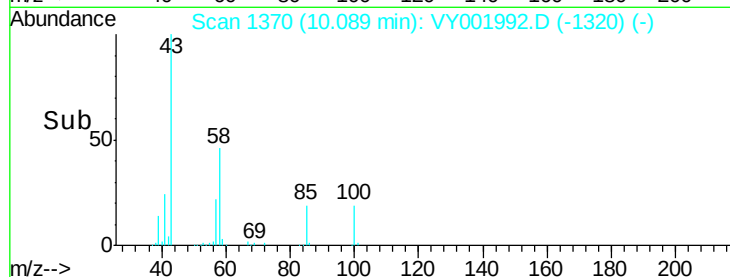
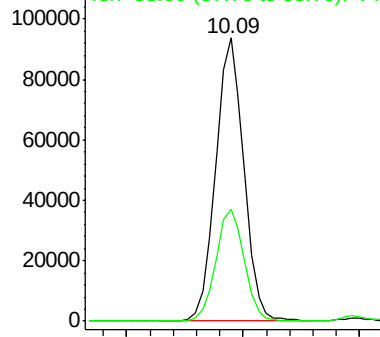
MMDadoda

3/18/2020 11:13:10 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.587 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY001992.D

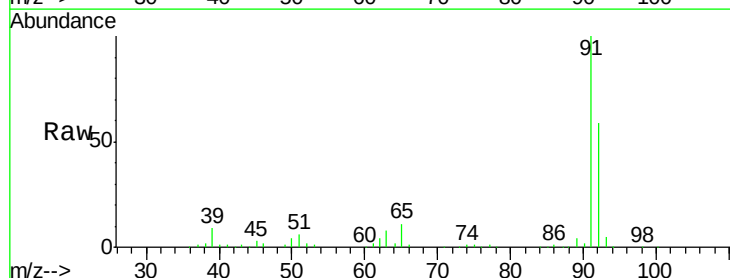
Acq: 17 Mar 2020 11:21

Tgt Ion: 92 Resp: 104072

Ion Ratio Lower Upper

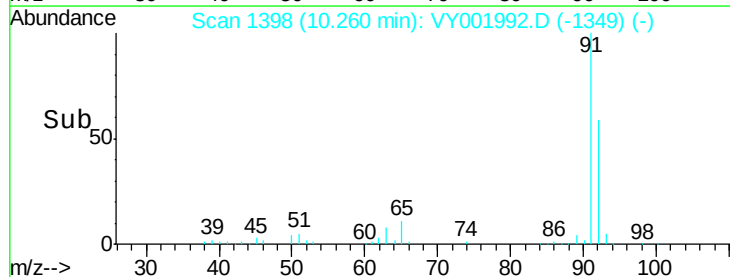
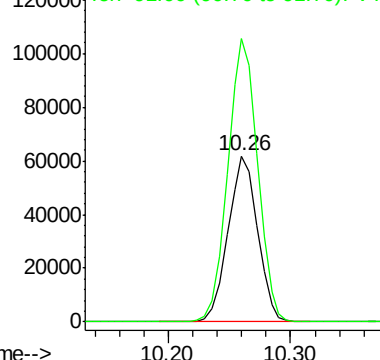
92 100

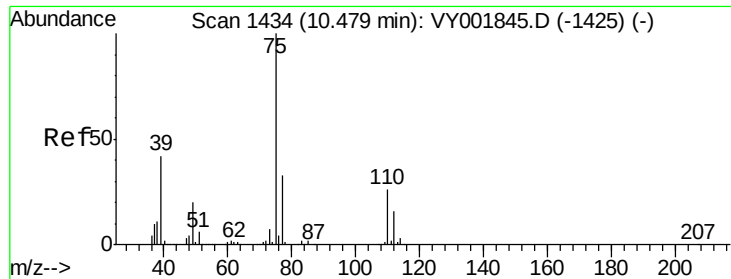
91 172.2 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





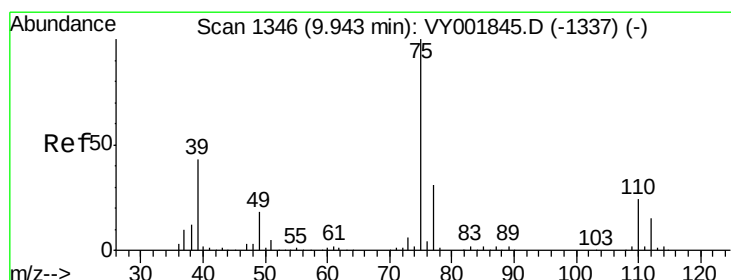
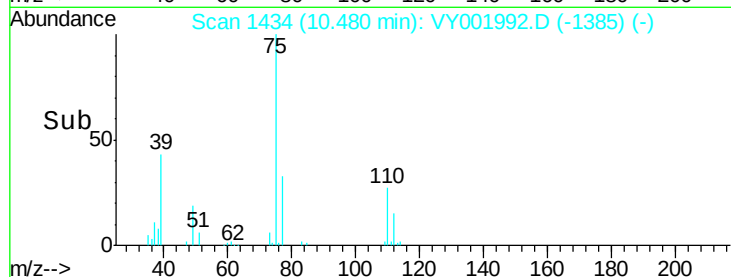
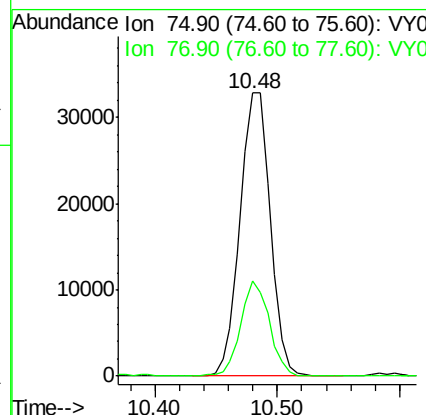
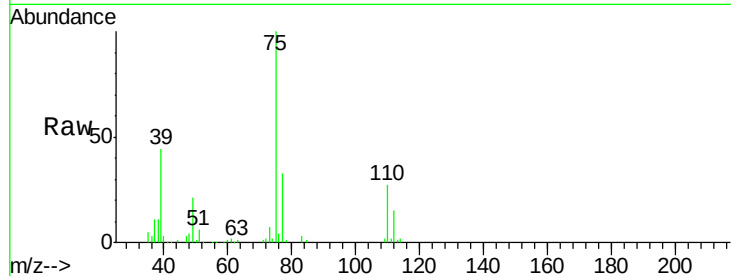
#53
 t-1,3-Dichloropropene
 Concen: 20.604 ug/l
 RT: 10.48 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.5	26.3	39.5

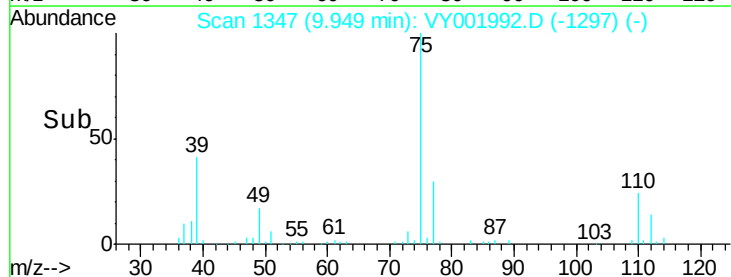
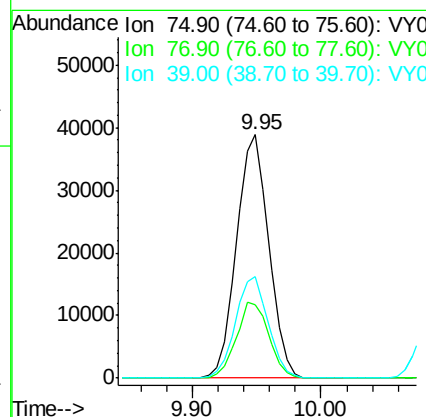
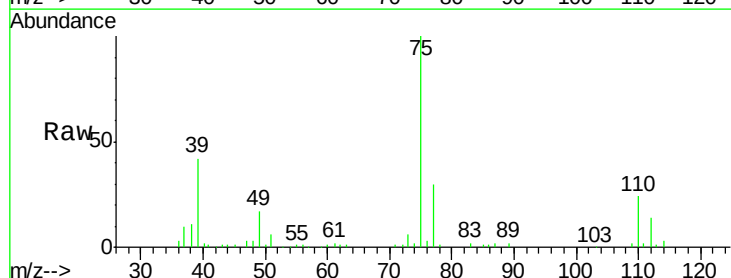
Manual Integrations
 APPROVED

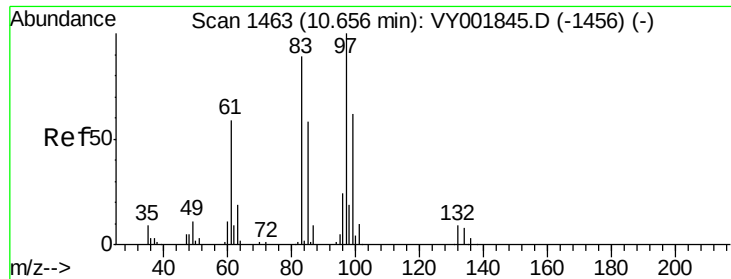
MMDadoda
 3/18/2020 11:13:10 AM



#54
 cis-1,3-Dichloropropene
 Concen: 20.802 ug/l
 RT: 9.95 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.1	37.7
39	41.8	34.7	52.1





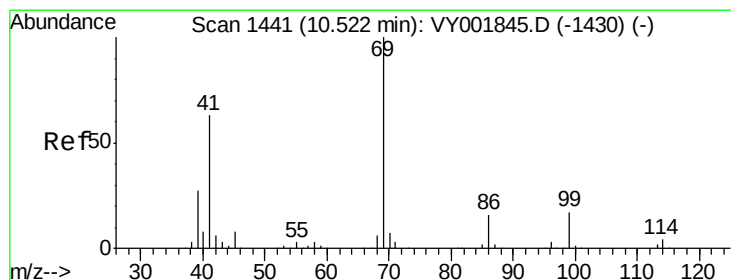
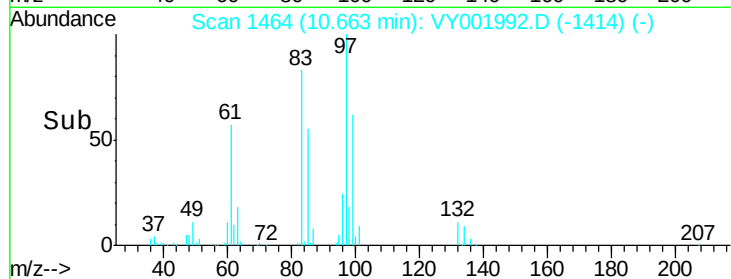
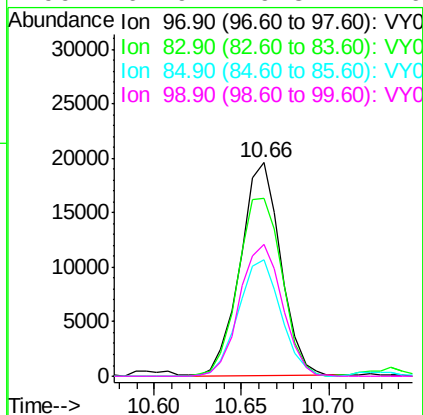
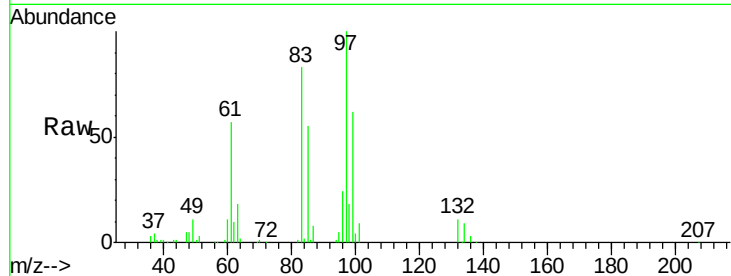
#55
1,1,2-Trichloroethane
Concen: 20.010 ug/l
RT: 10.66 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.5	71.6	107.4
85	54.9	46.6	69.8
99	61.9	49.8	74.6

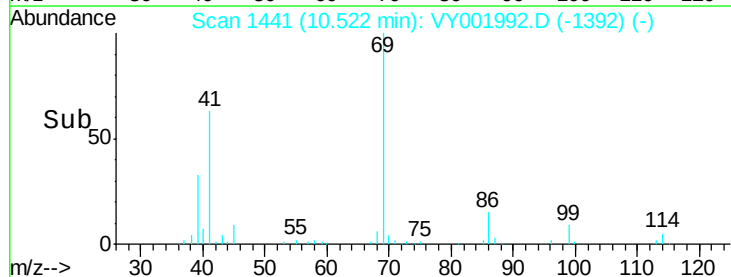
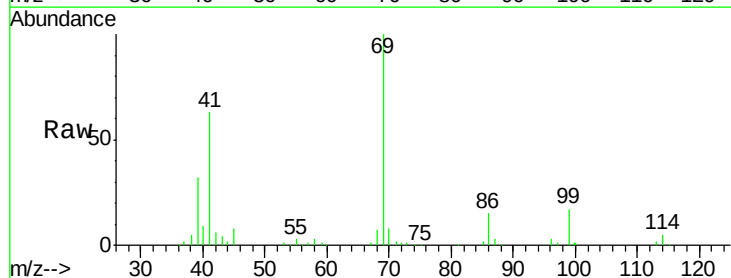
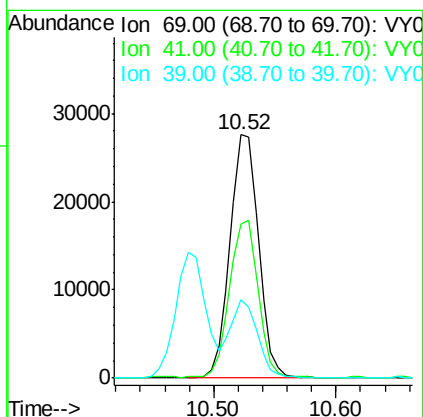
Manual Integrations
APPROVED

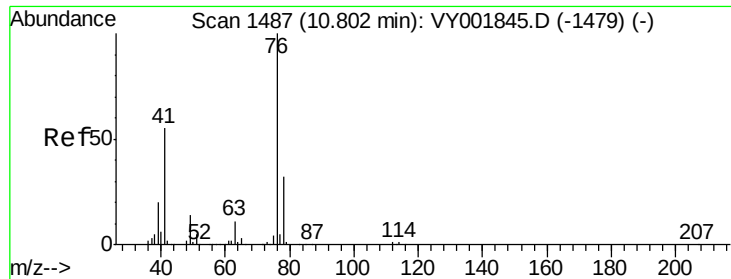
MMDadoda
3/18/2020 11:13:10 AM



#56
Ethyl methacrylate
Concen: 19.305 ug/l
RT: 10.52 min Scan# 1441
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.1	49.9	74.9
39	31.1	23.0	34.6





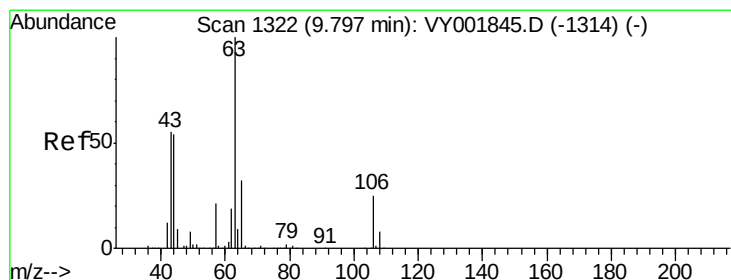
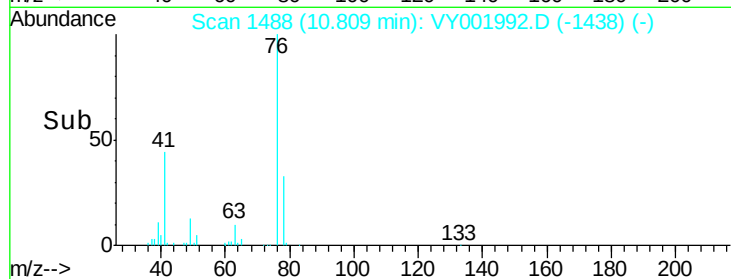
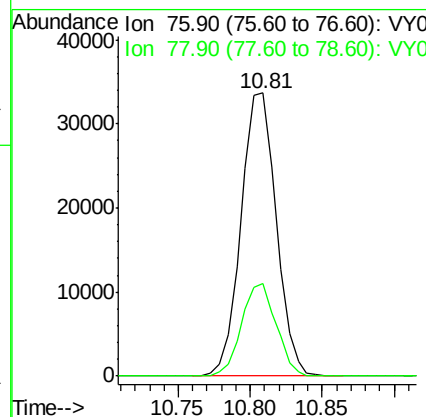
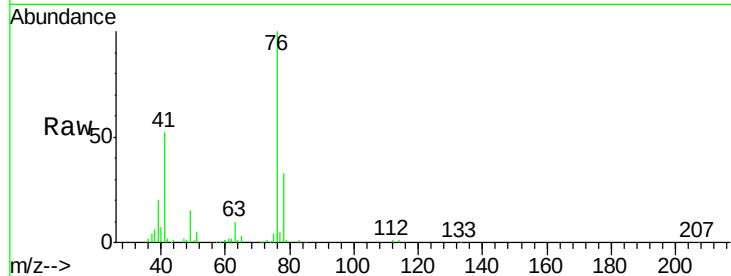
#57
 1,3-Dichloropropane
 Concen: 20.346 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

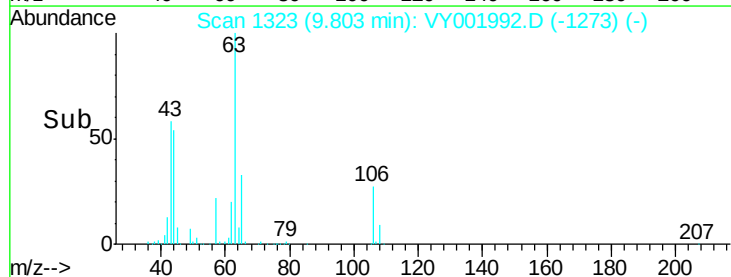
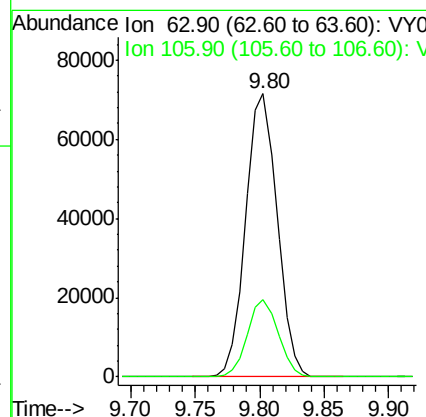
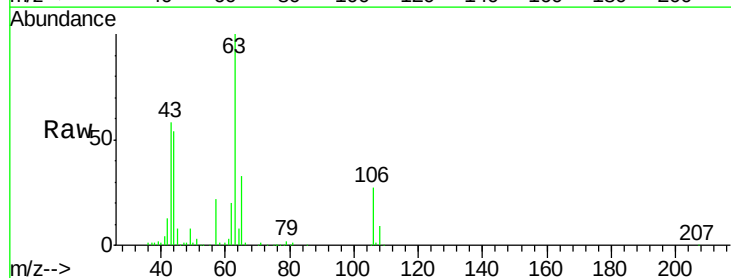
Manual Integrations
 APPROVED

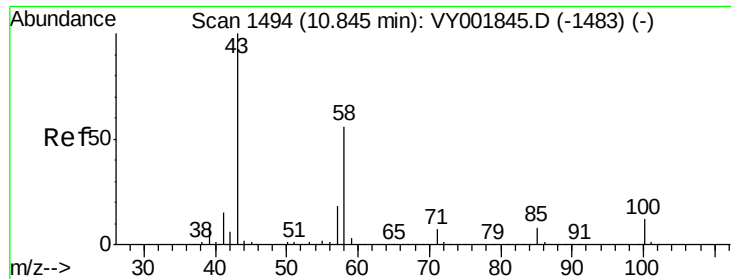
MMDadoda
 3/18/2020 11:13:10 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 134.578 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.3	31.9





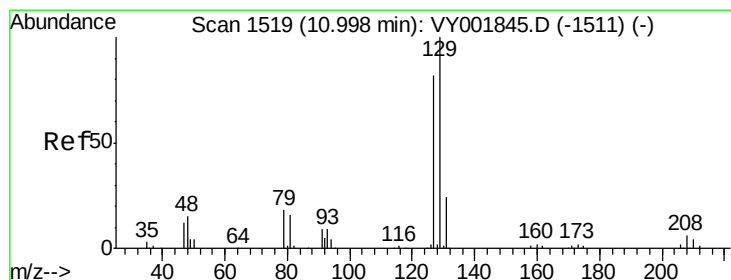
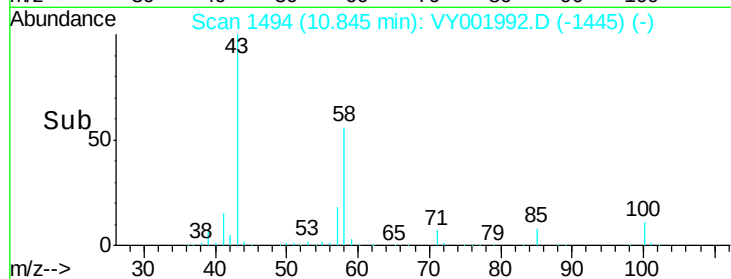
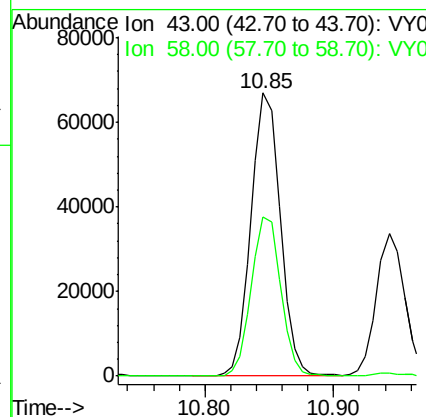
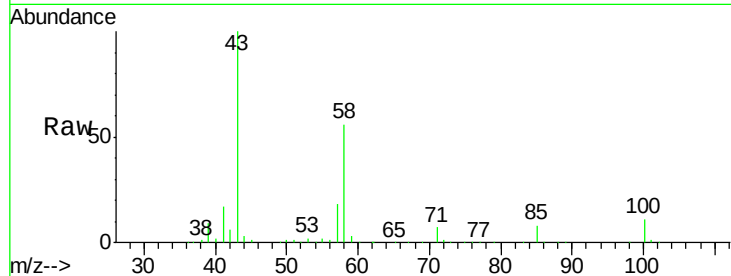
#59
2-Hexanone
Concen: 92.650 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	43	58	Ratio	Lower	Upper
105227	100	56.6		28.1	84.3

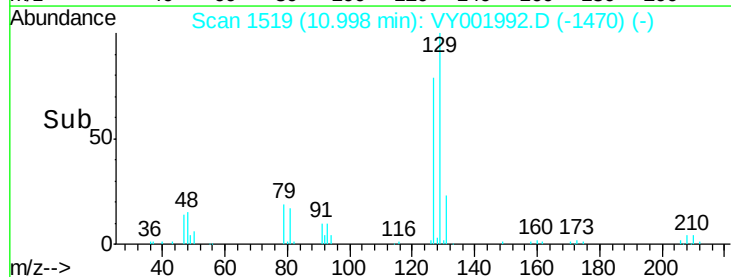
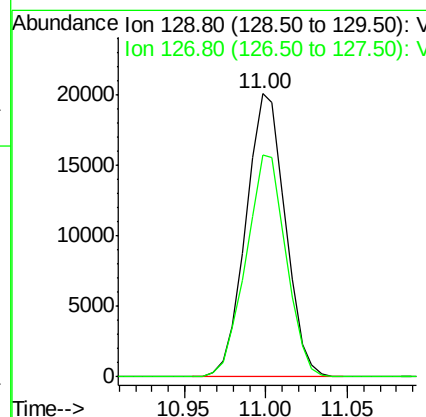
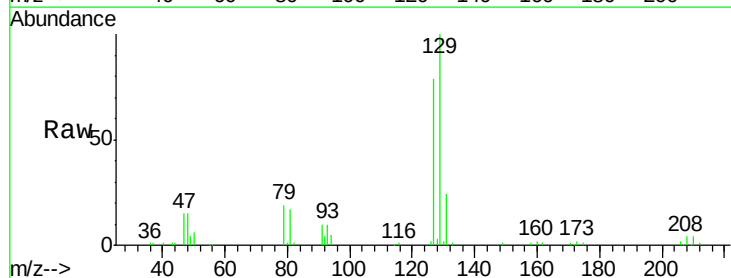
Manual Integrations
APPROVED

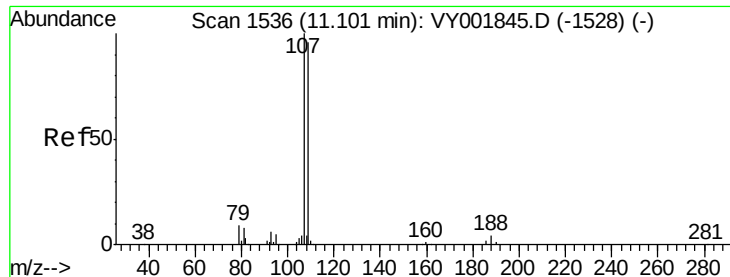
MMDadoda
3/18/2020 11:13:10 AM



#60
Dibromochloromethane
Concen: 20.301 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	129	127	Ratio	Lower	Upper
33749	100	79.6		39.0	117.0





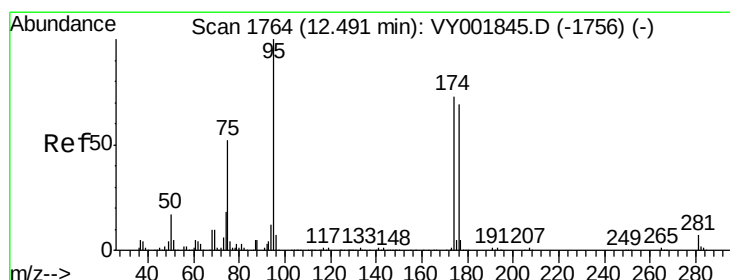
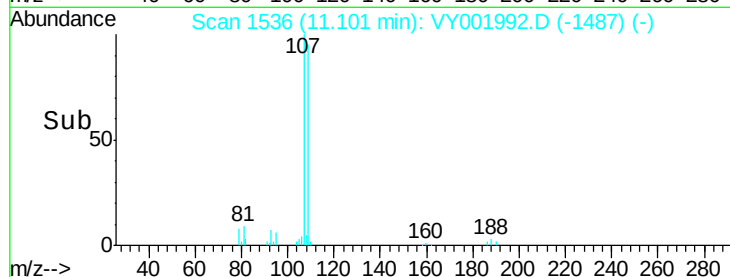
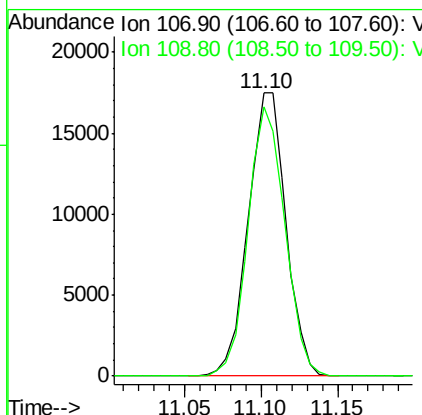
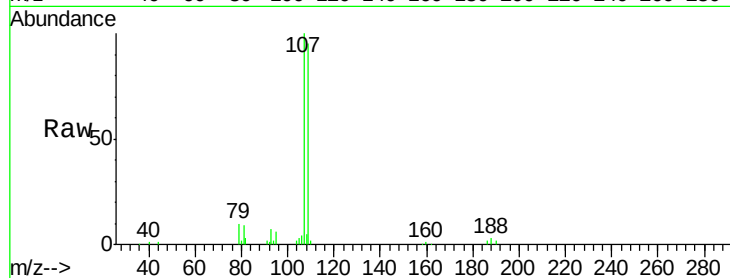
#61
 1,2-Dibromoethane
 Concen: 20.128 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	75.4	113.0

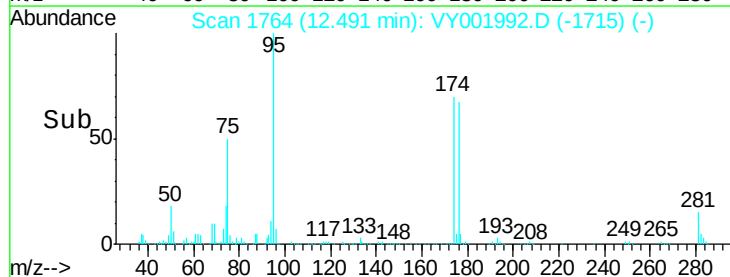
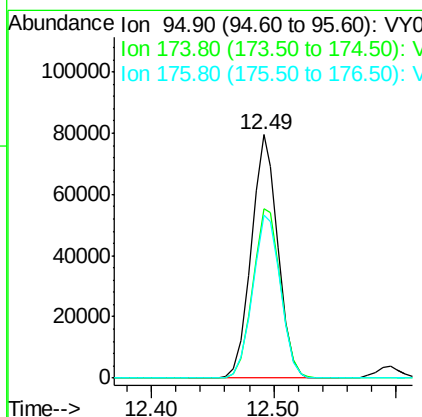
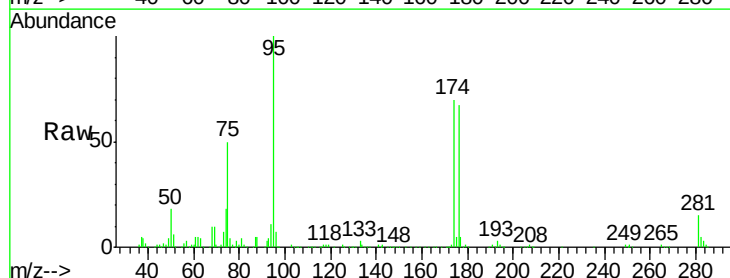
Manual Integrations
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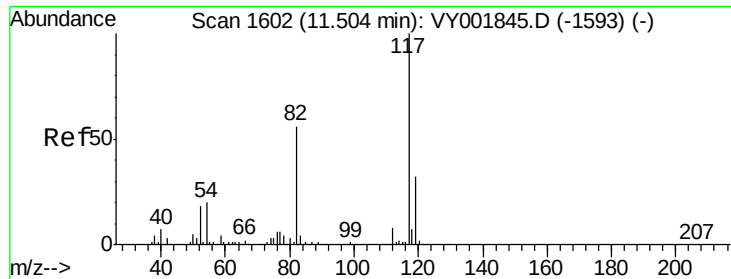
MMDadoda
 3/18/2020 11:13:10 AM



#62
 4-Bromofluorobenzene
 Concen: 51.301 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	145.0
176	70.5	0.0	137.4





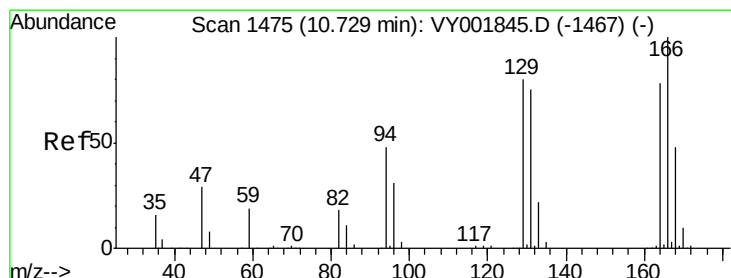
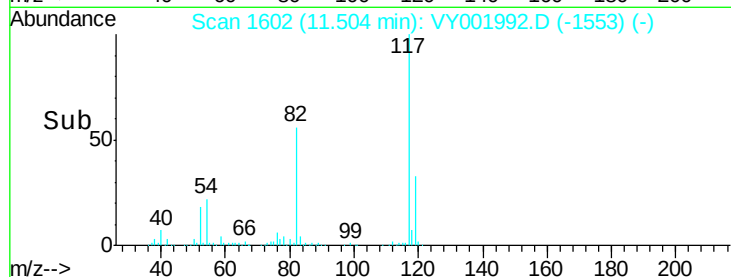
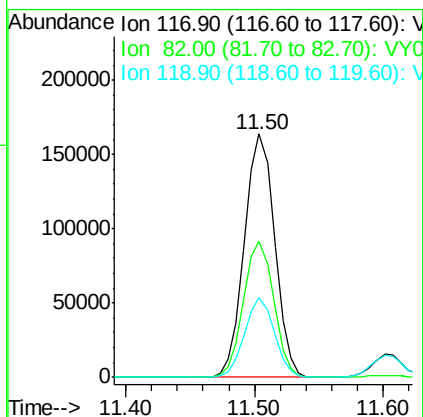
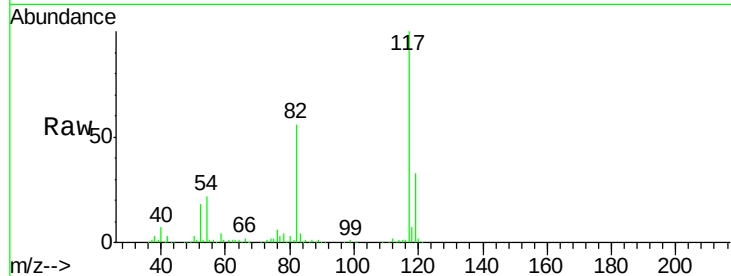
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	265994		
82	56.1		44.5	66.7
119	32.9		25.7	38.5

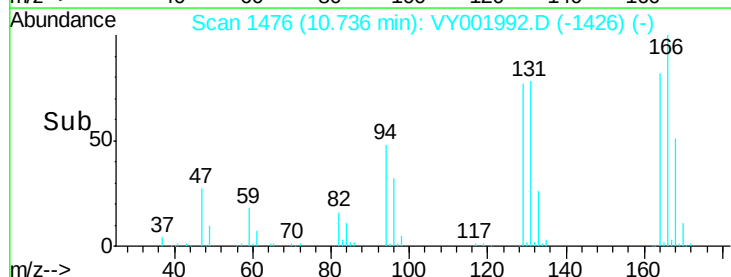
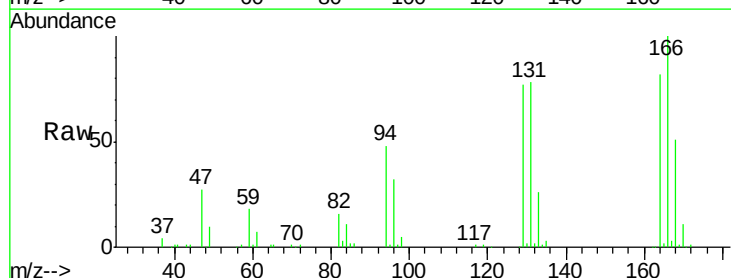
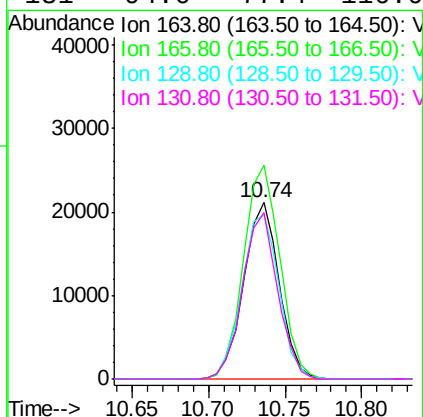
Manual Integrations
APPROVED

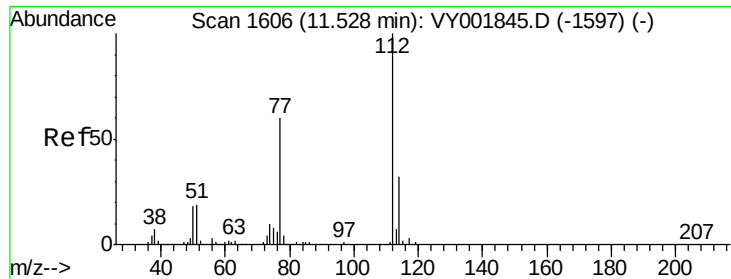
MMDadoda
3/18/2020 11:13:10 AM



#64
Tetrachloroethene
Concen: 20.398 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	34026		
166	121.3		102.6	154.0
129	93.0		82.3	123.5
131	94.6		77.4	116.0





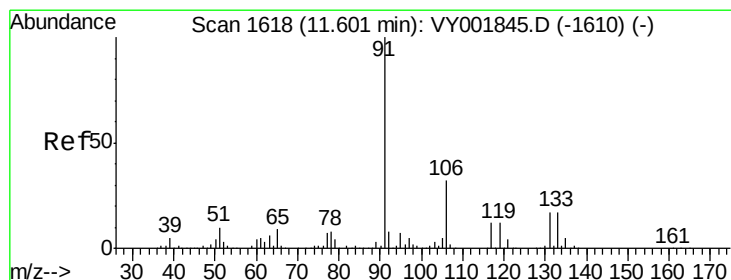
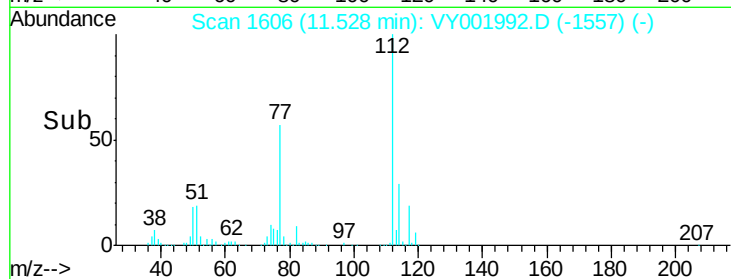
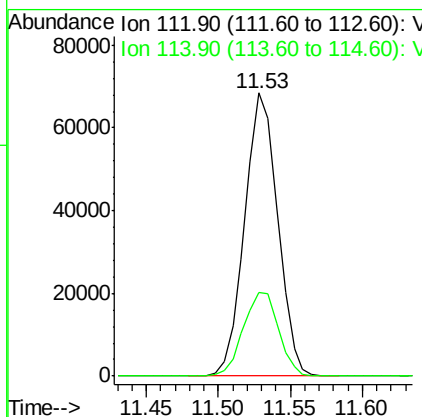
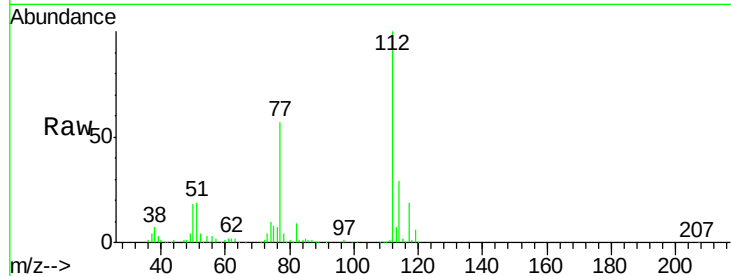
#65
Chlorobenzene
Concen: 20.475 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	108517		
114	29.4	25.9	38.9	

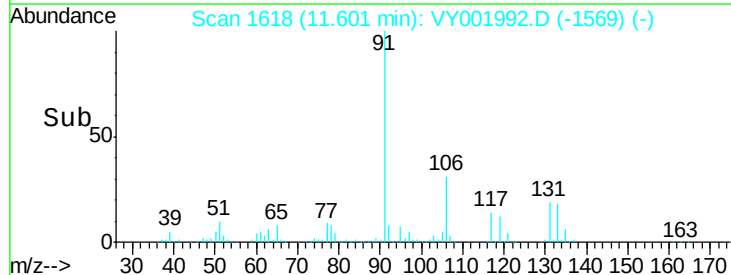
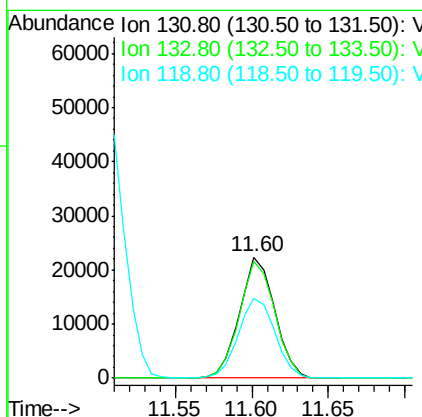
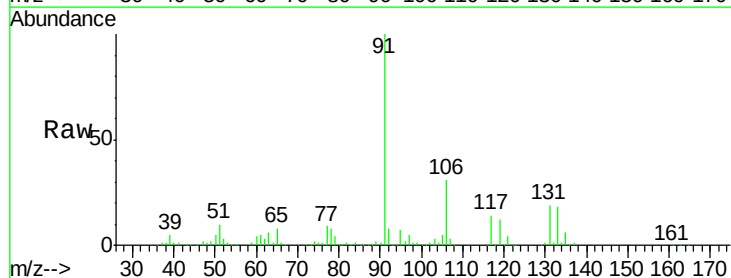
Manual Integrations
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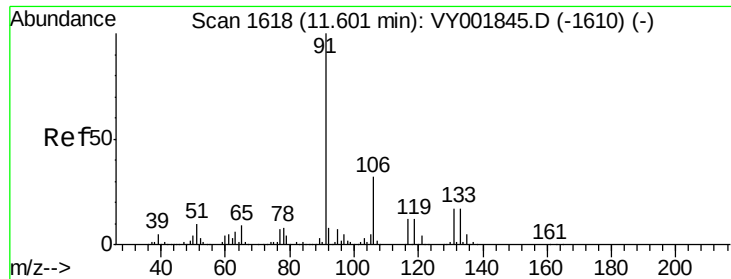
MMDadoda
3/18/2020 11:13:10 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.572 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	35756		
133	97.3	47.1	141.3	
119	69.1	34.5	103.6	





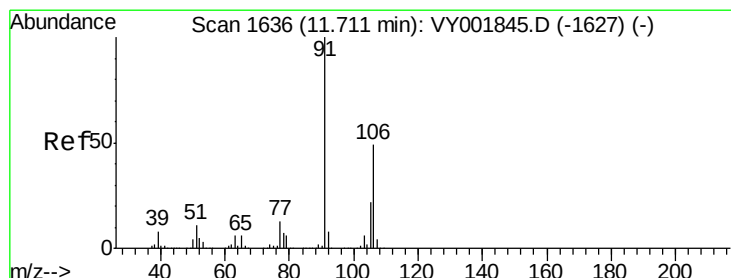
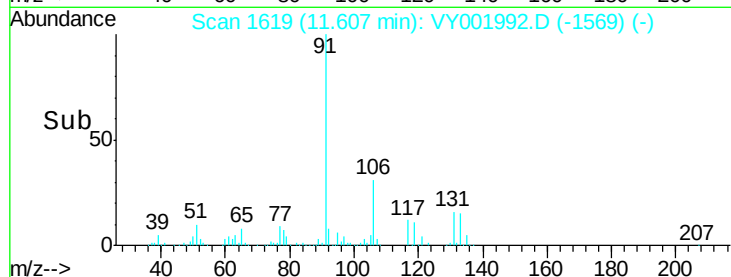
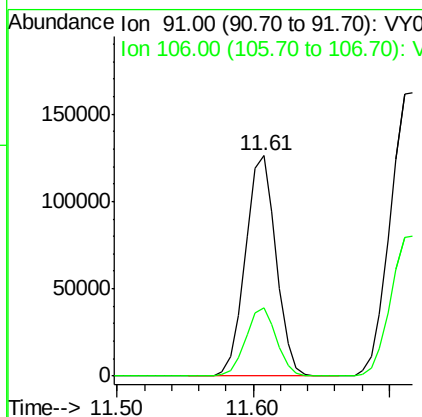
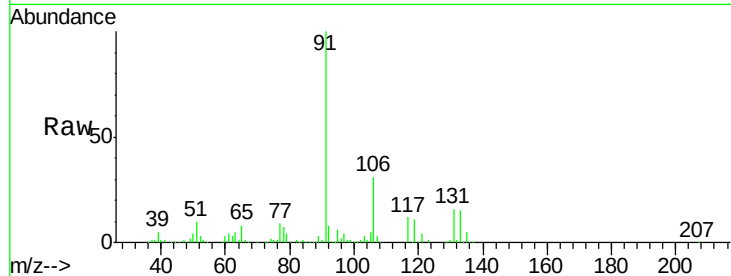
#67
Ethyl Benzene
Concen: 20.140 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		199074		
106	30.8	25.4	38.2		

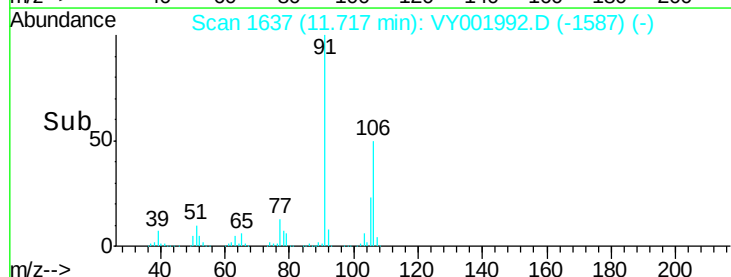
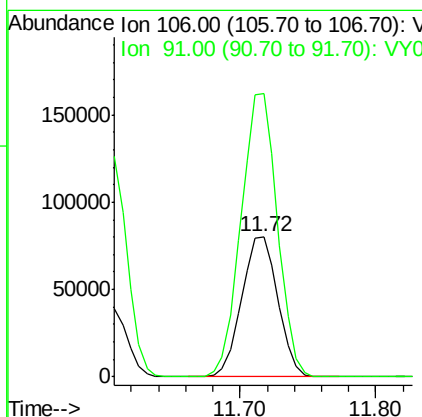
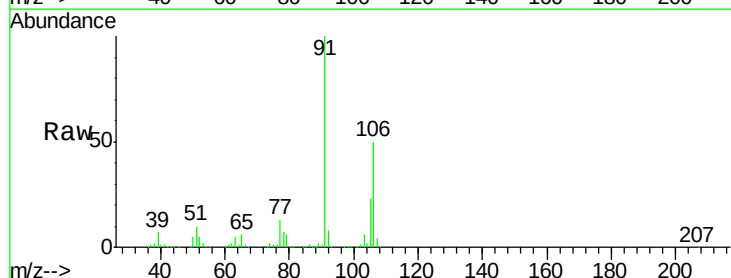
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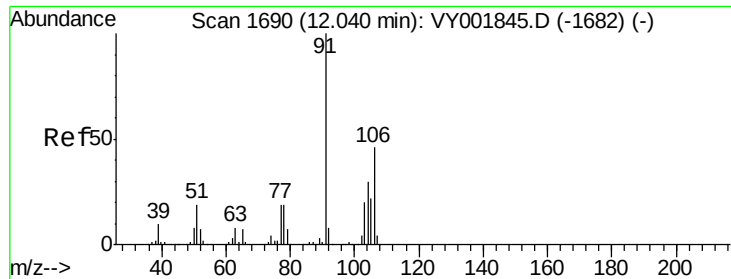
MMDadoda
3/18/2020 11:13:10 AM



#68
m/p-Xylenes
Concen: 40.951 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		149652		
91	202.4	161.3	241.9		





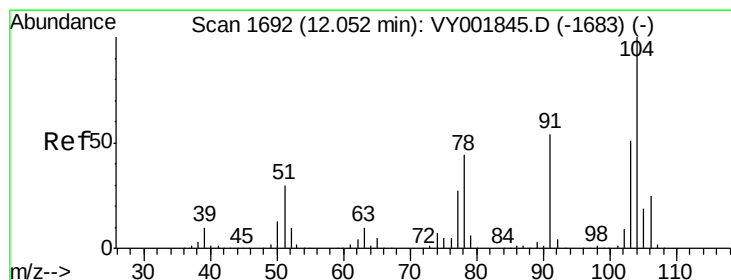
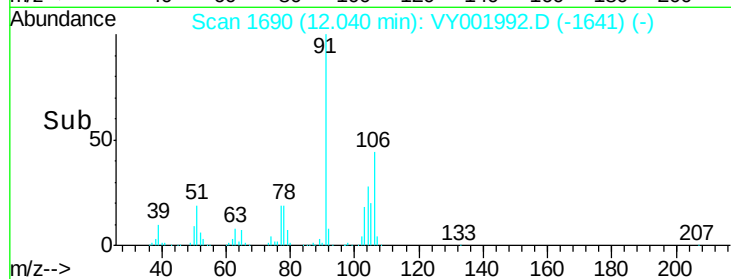
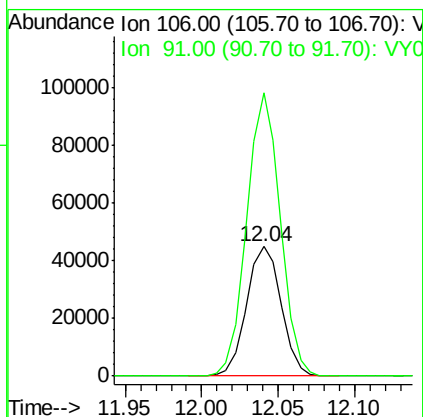
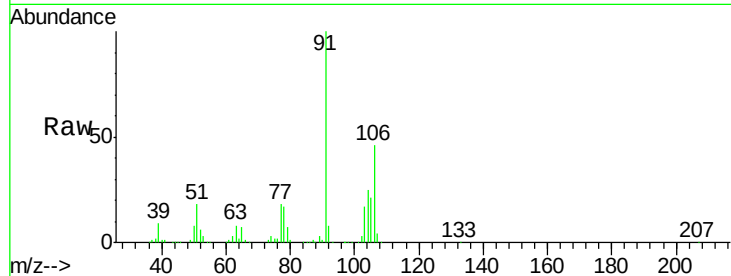
#69
o-Xylene
Concen: 20.463 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.5	106.8	320.4

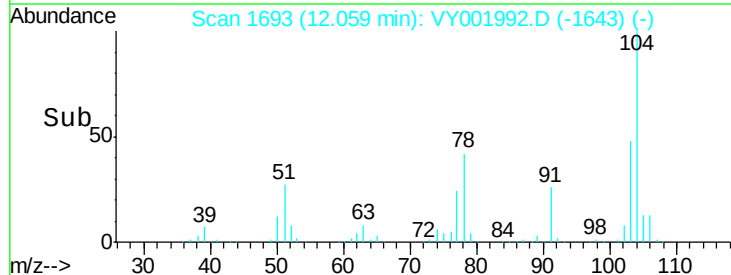
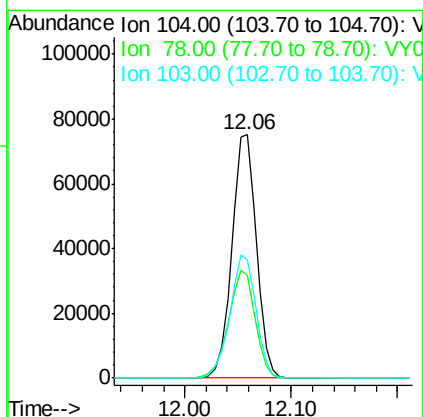
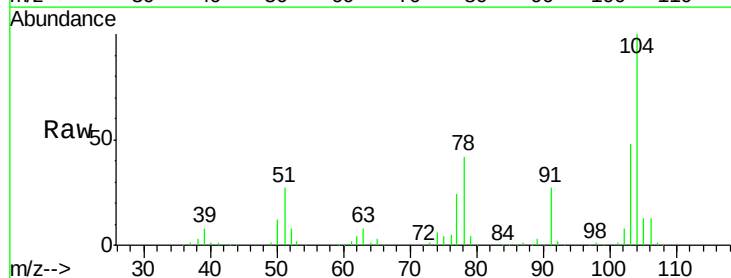
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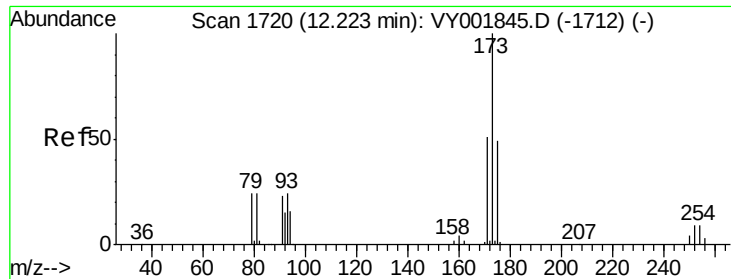
MMDadoda
3/18/2020 11:13:10 AM



#70
Styrene
Concen: 20.603 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.9	38.5	57.7
103	53.5	42.9	64.3





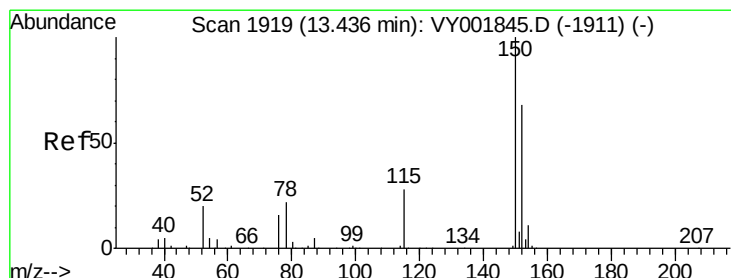
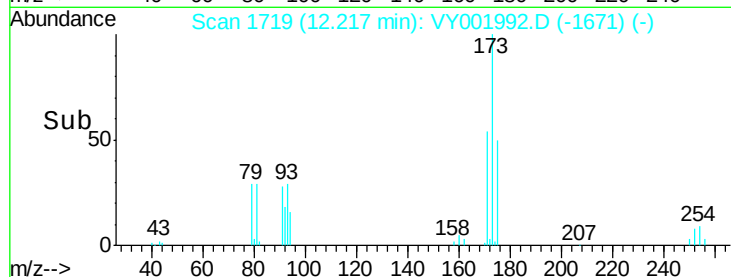
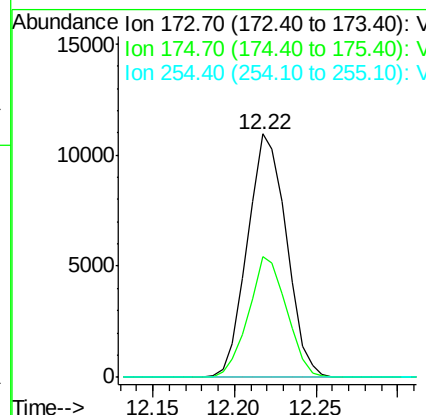
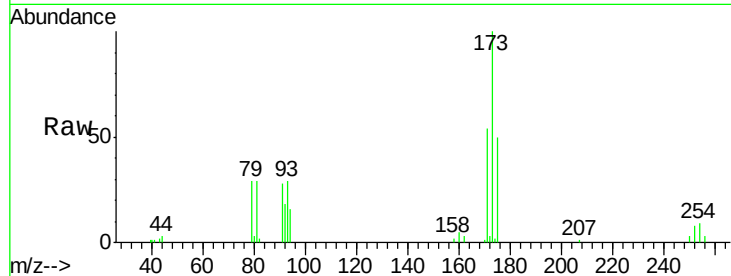
#71
Bromoform
Concen: 19.306 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.8
254	0.0	0.0	0.0

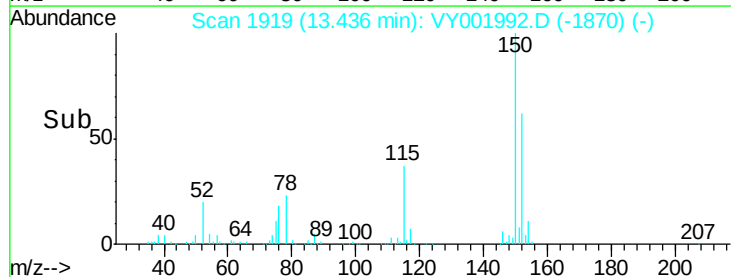
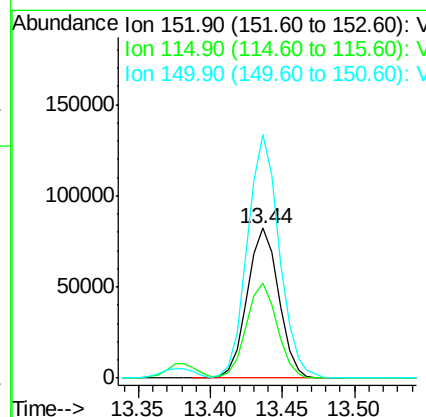
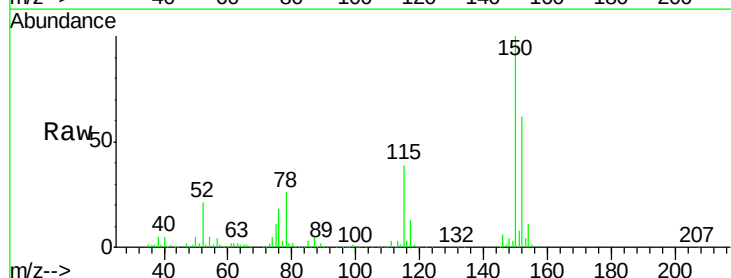
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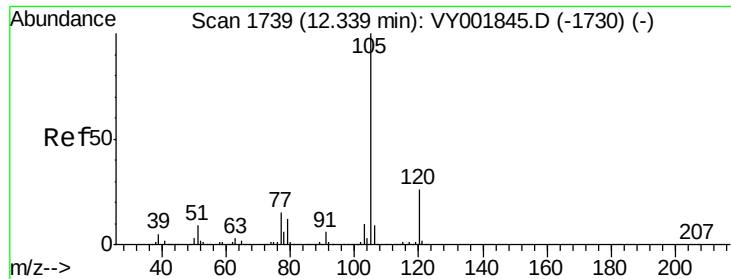
MMDadoda
3/18/2020 11:13:10 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	29.9	89.7
150	165.0	0.0	340.6





#73

Isopropylbenzene

Concen: 19.847 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

Tot Ion:105 Resp: 187867

Ion Ratio Lower Upper

105 100

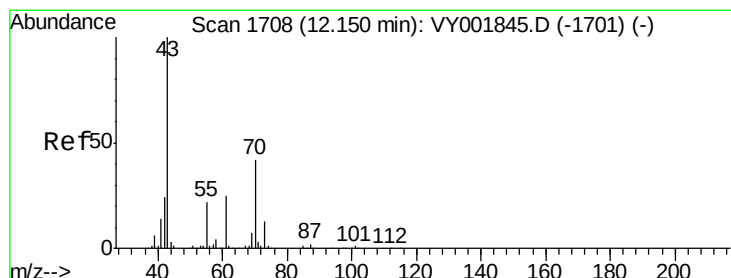
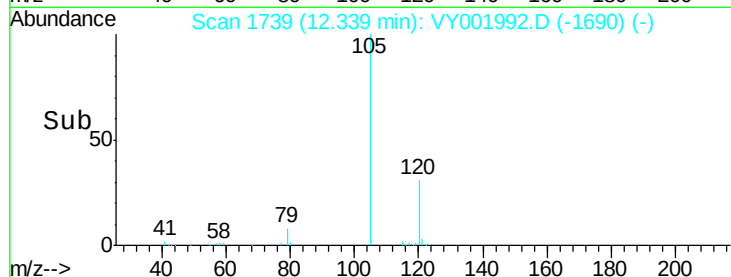
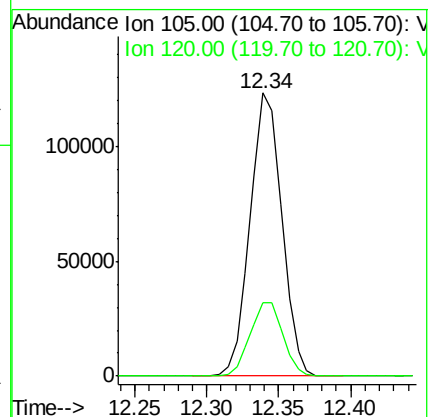
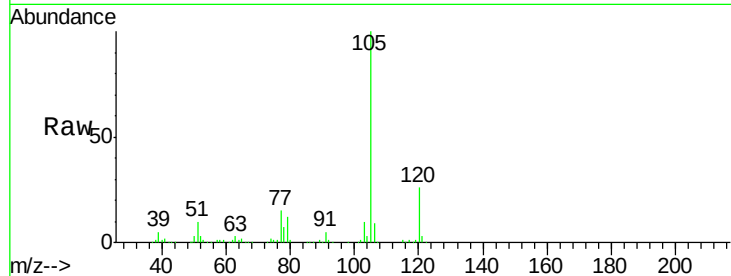
120 26.9 13.1 39.3

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#74

N-ethyl acetate

Concen: 18.569 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Tgt Ion: 43 Resp: 54022

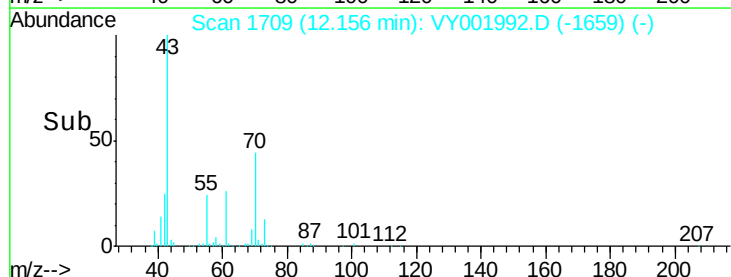
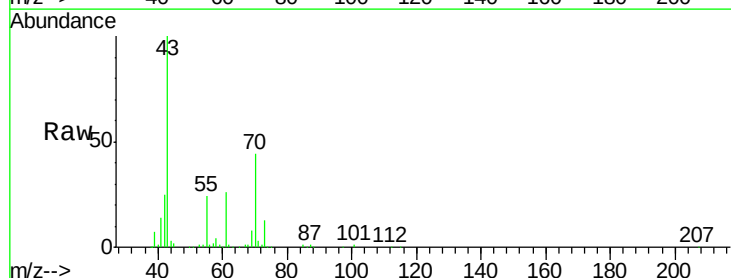
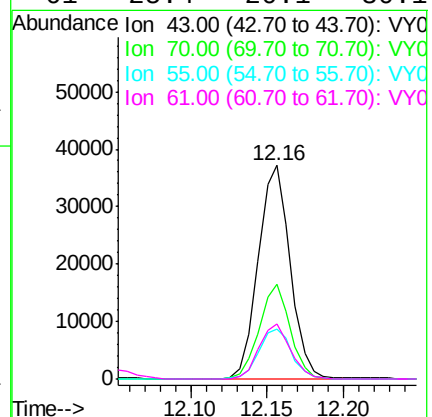
Ion Ratio Lower Upper

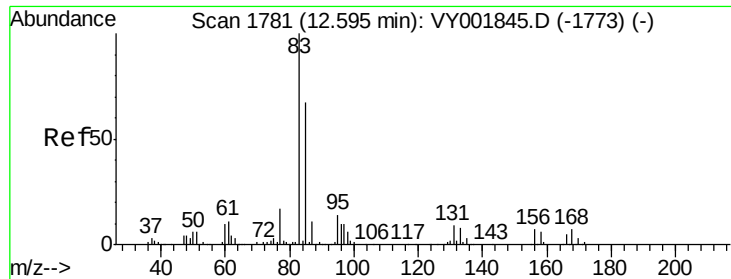
43 100

70 42.9 34.7 52.1

55 24.1 18.2 27.4

61 25.4 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.808 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

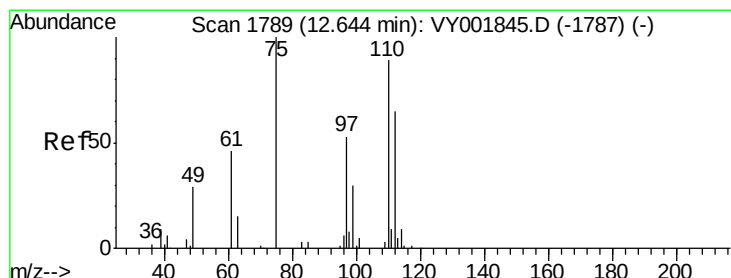
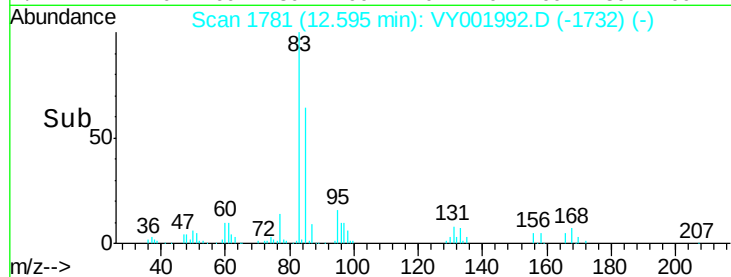
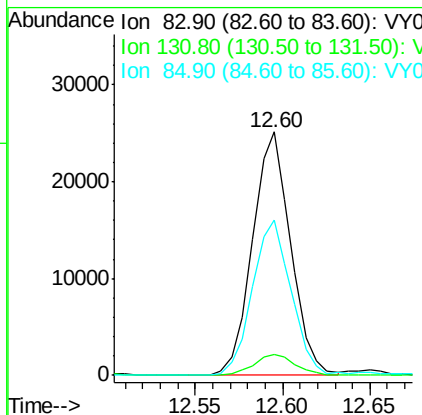
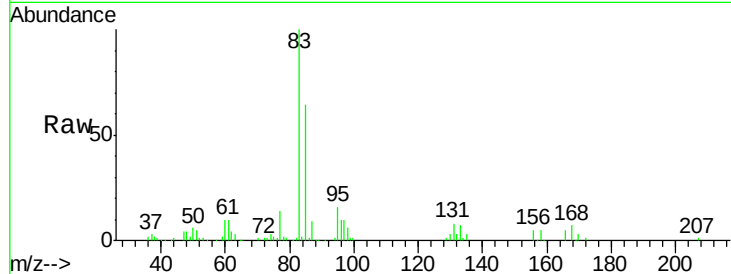
ClientSampleId :

VY0317SBS01

Tot Ion:	83	Resp:	38393
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.6	13.8
85	66.0	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 22.185 ug/l m

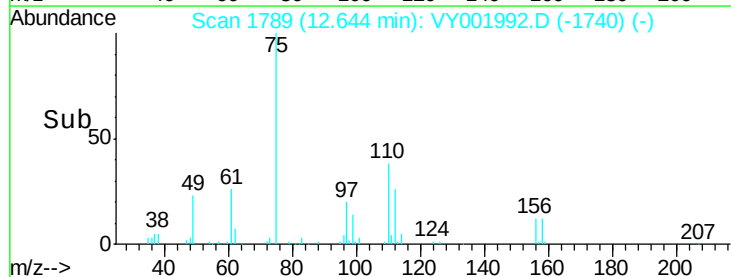
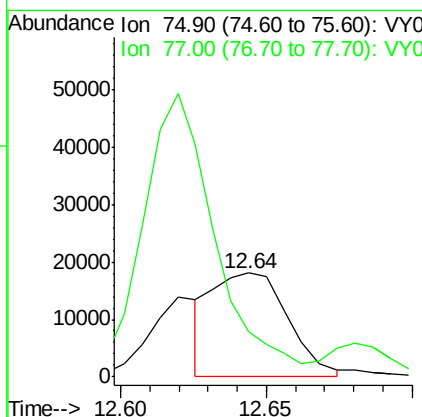
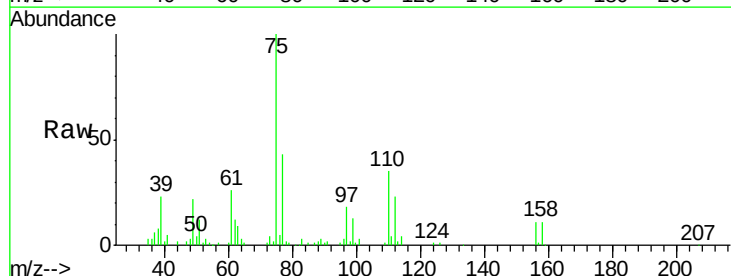
RT: 12.64 min Scan# 1789

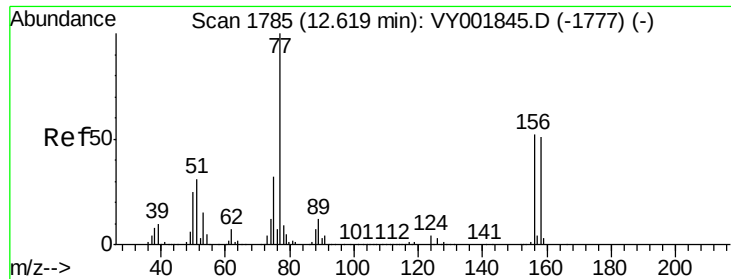
Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Tgt Ion:	75	Resp:	32641
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





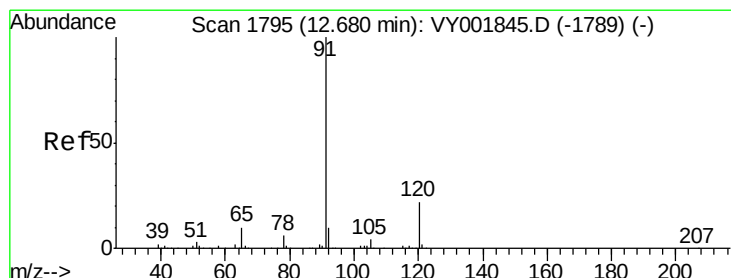
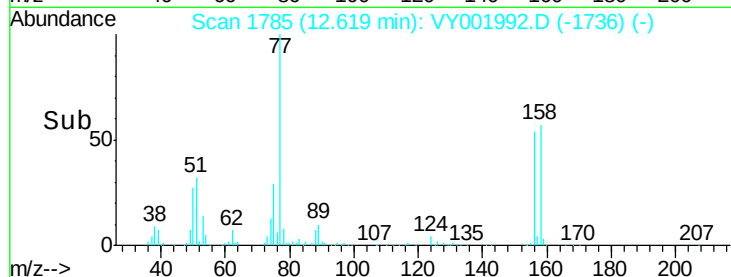
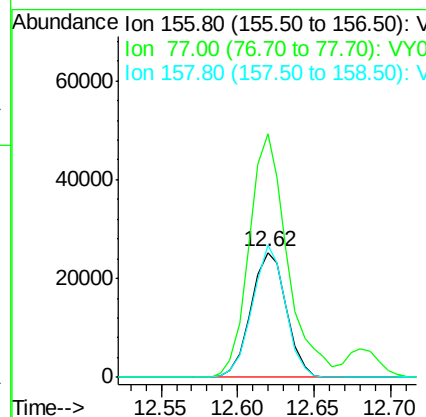
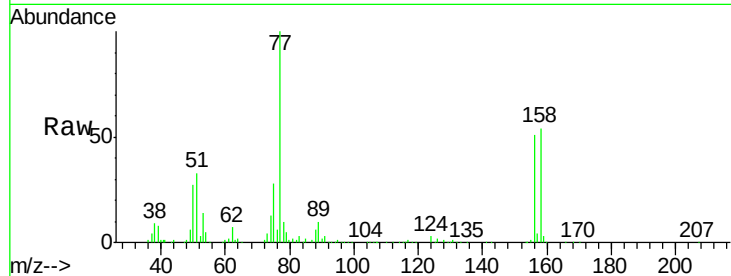
#77
Bromobenzene
Concen: 20.226 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	211.2	109.0	327.0	
158	98.8	48.9	146.8	

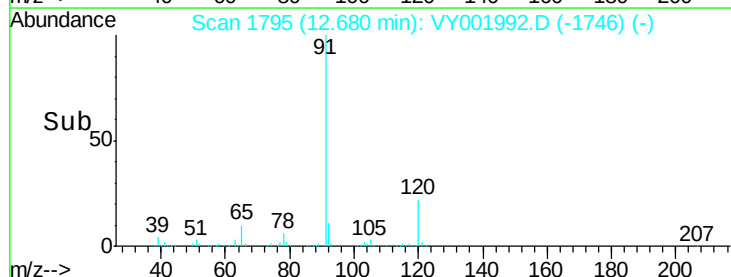
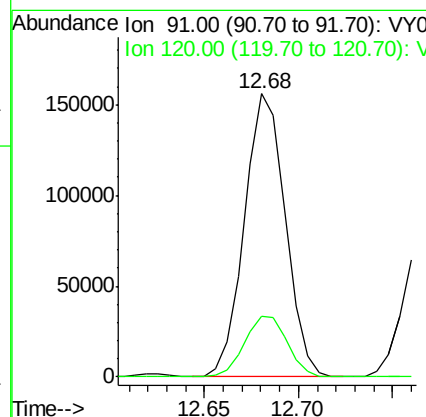
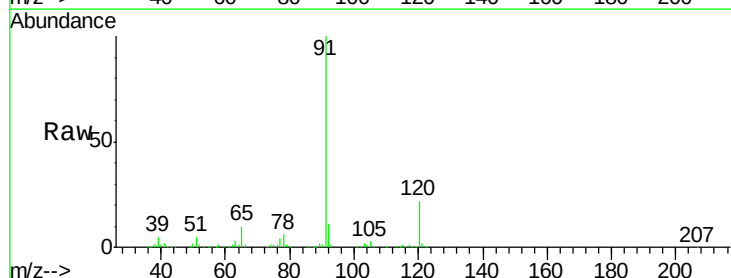
Manual Integrations
APPROVED

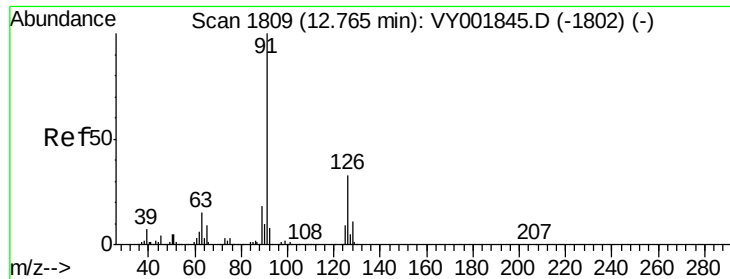
MMDadoda
3/18/2020 11:13:10 AM



#78
n-propylbenzene
Concen: 20.098 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.3	11.0	33.0	





#79

2-Chlorotoluene

Concen: 20.252 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

Tot Ion: 91 Resp: 130664

Ion Ratio Lower Upper

91 100

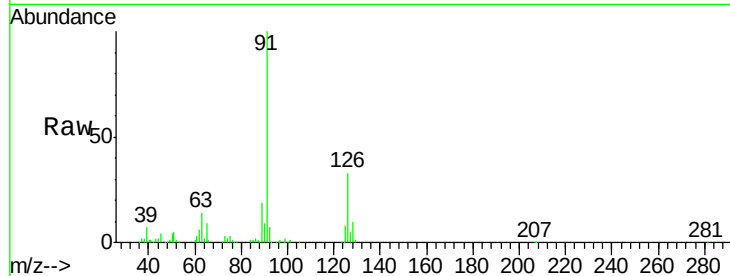
126 32.9 16.3 48.8

Manual Integrations

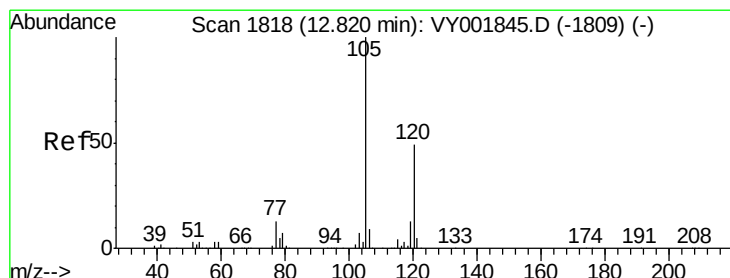
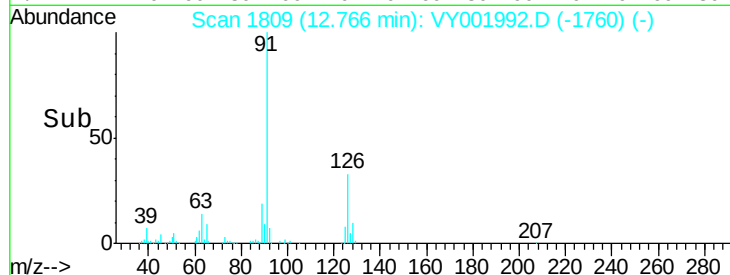
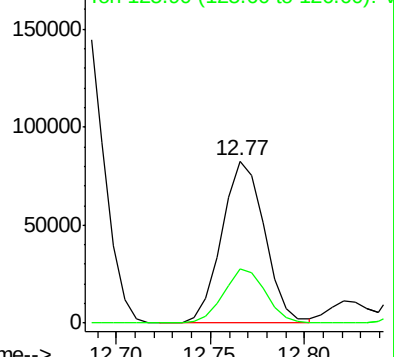
APPROVED

MMDadoda

3/18/2020 11:13:10 AM



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.460 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001992.D

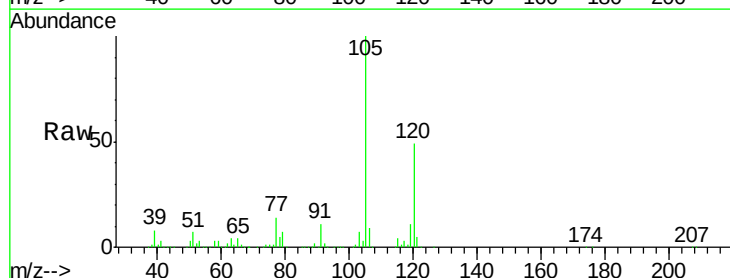
Acq: 17 Mar 2020 11:21

Tgt Ion: 105 Resp: 159438

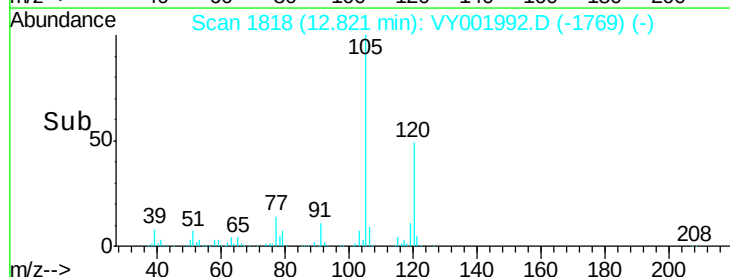
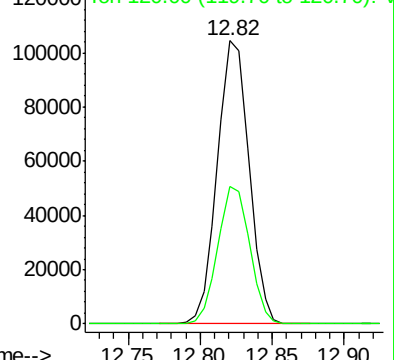
Ion Ratio Lower Upper

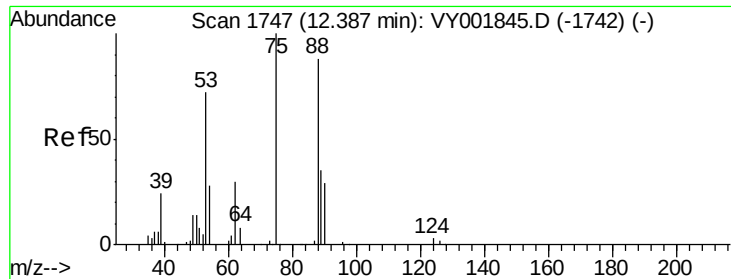
105 100

120 48.7 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)





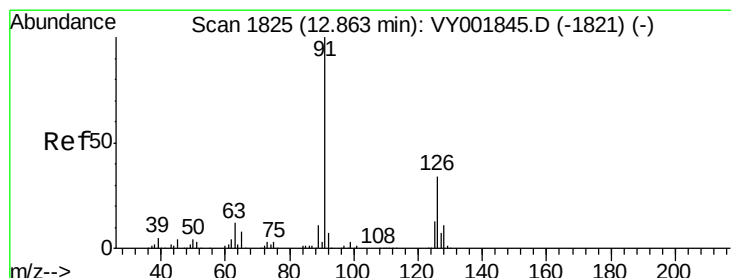
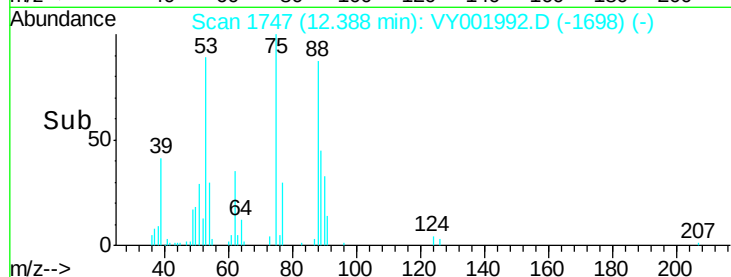
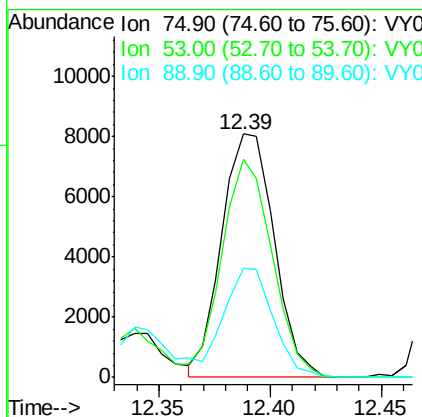
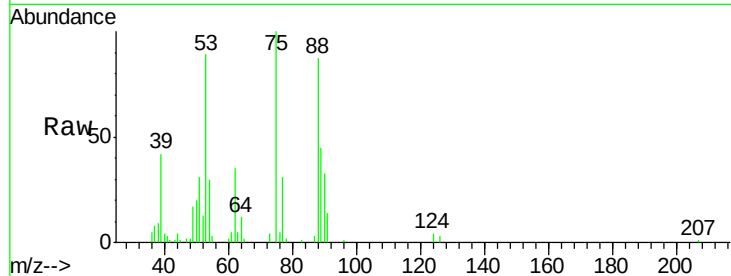
#81
trans-1,4-Dichloro-2-butene
Concen: 18.199 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.0	65.4	98.0
89	41.3	36.0	54.0

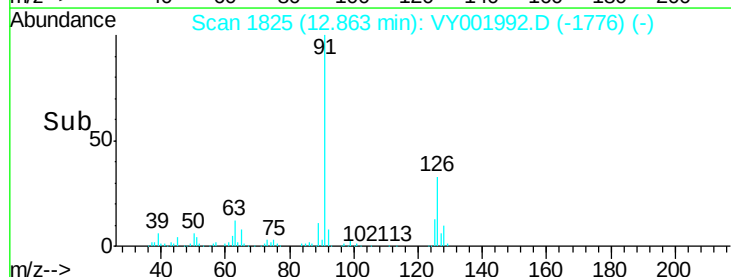
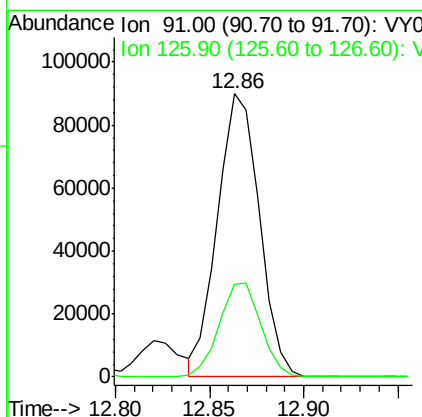
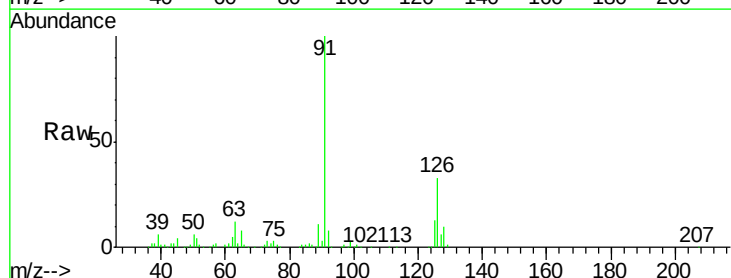
Manual Integrations
APPROVED

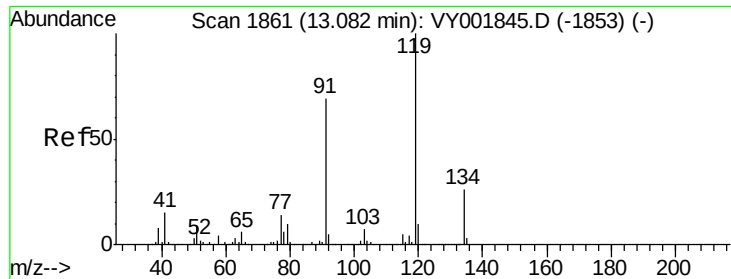
MMDadoda
3/18/2020 11:13:10 AM



#82
4-Chlorotoluene
Concen: 20.650 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.4	49.2





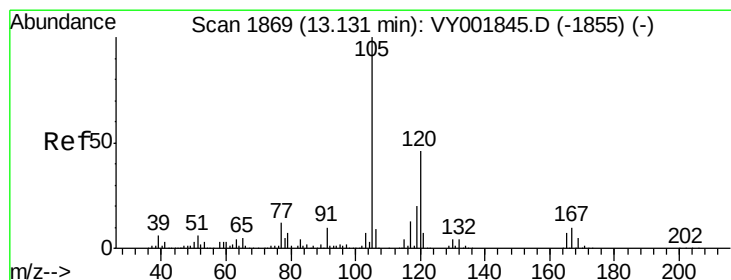
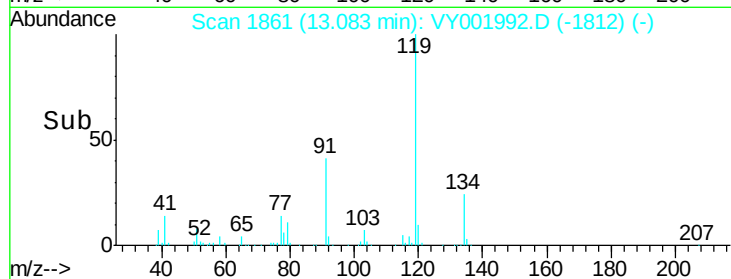
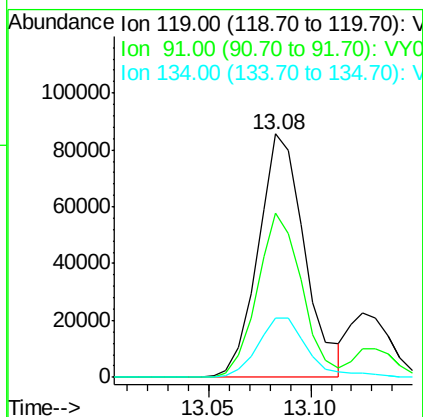
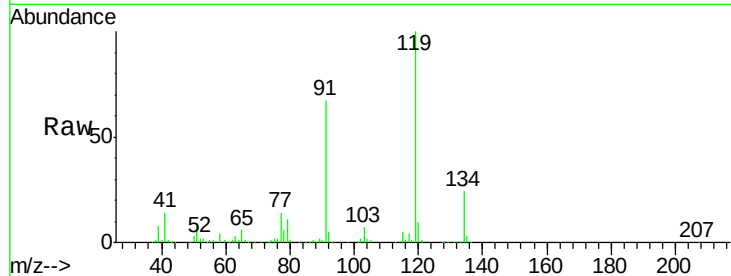
#83
tert-Butylbenzene
Concen: 20.983 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	34.0	101.8
134	26.5	13.5	40.4

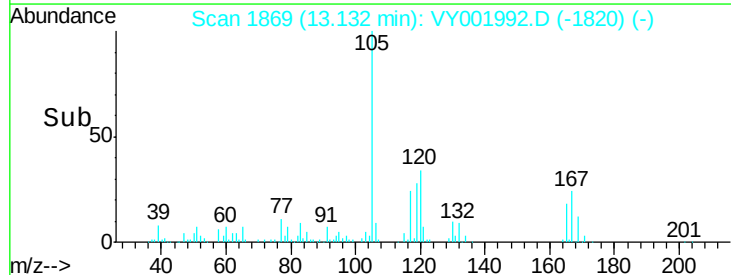
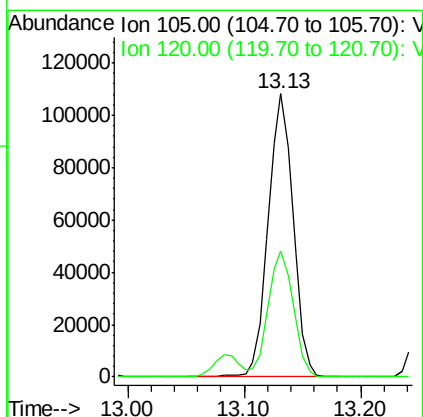
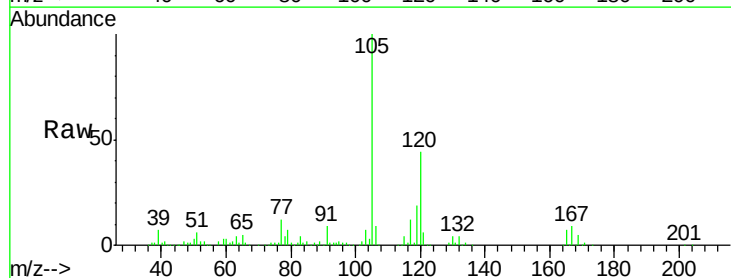
Manual Integrations
APPROVED

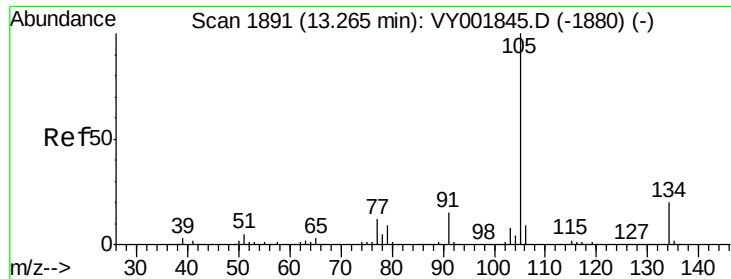
MMDadoda
3/18/2020 11:13:10 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.617 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.7





#85

sec-Butylbenzene

Concen: 20.408 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

Tot Ion:105 Resp: 194691

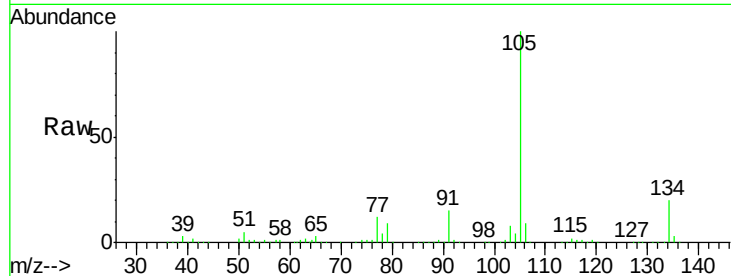
Ion Ratio Lower Upper

105 100

134 19.2 9.7 29.1

Manual Integrations
APPROVED

MMDadoda
3/18/2020 11:13:10 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

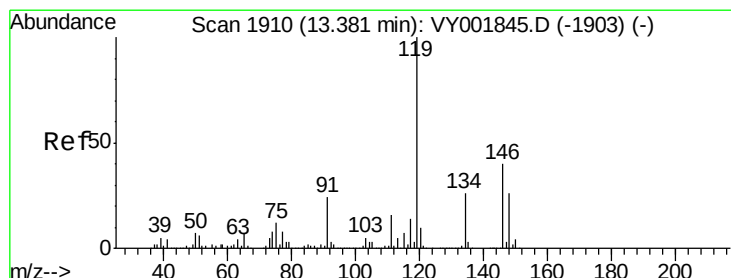
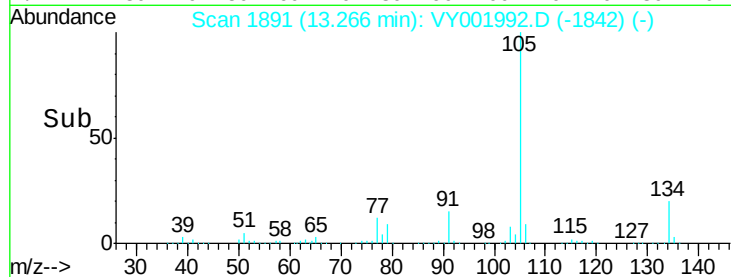
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.873 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

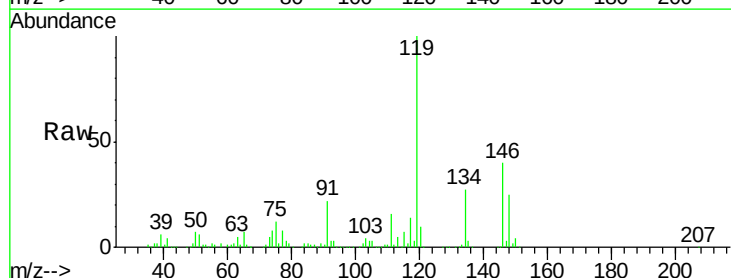
Tgt Ion:119 Resp: 171782

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.2 11.9 35.7



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

13.38

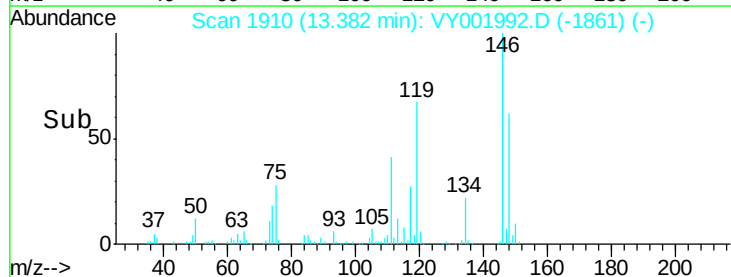
150000

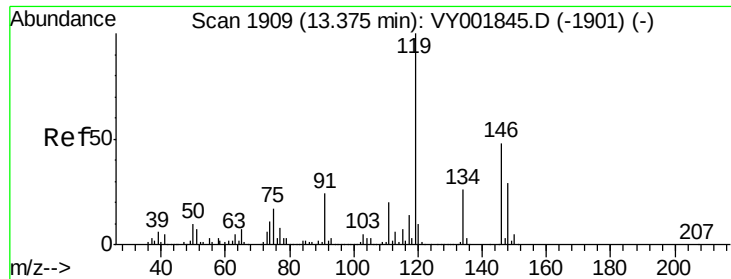
100000

50000

0

Time-->





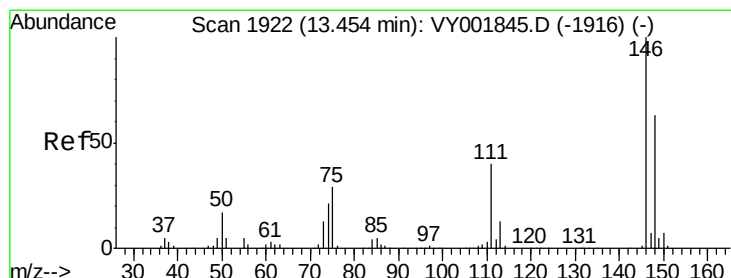
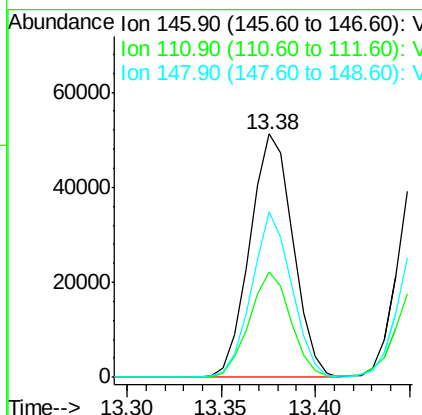
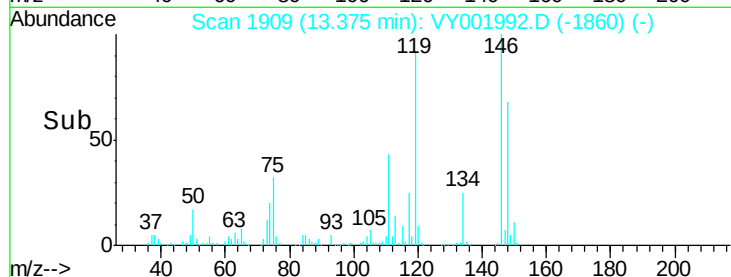
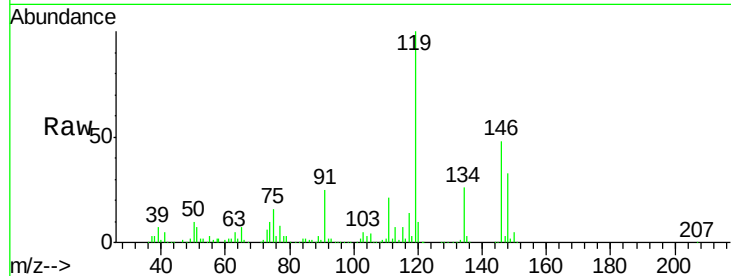
#87
 1,3-Dichlorobenzene
 Concen: 20.635 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.5
148	63.1	31.4	94.0

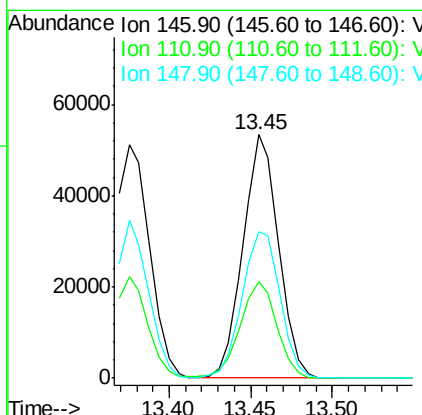
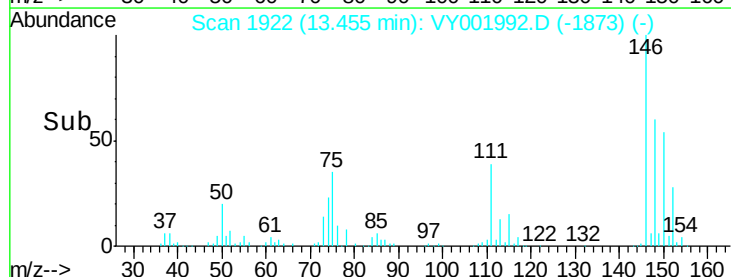
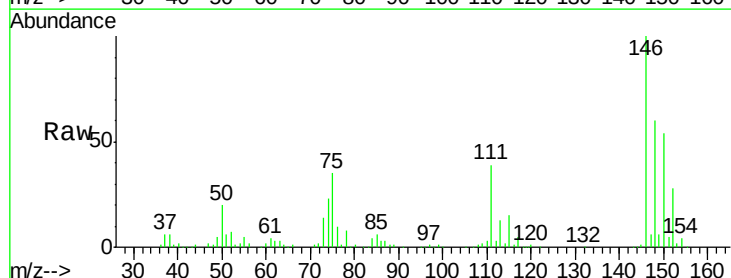
Manual Integrations
 APPROVED

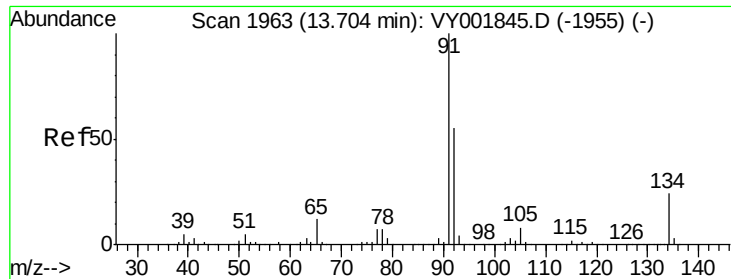
MMDadoda
 3/18/2020 11:13:10 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.337 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.0	60.0
148	64.2	31.5	94.5





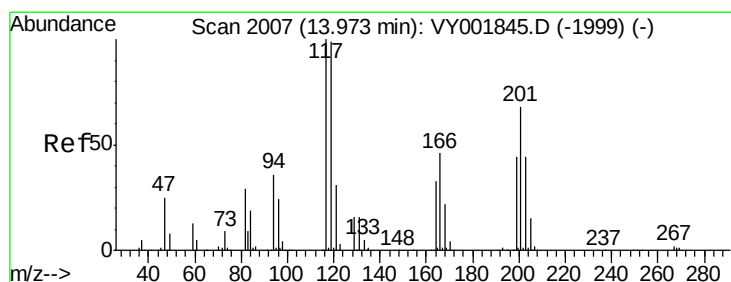
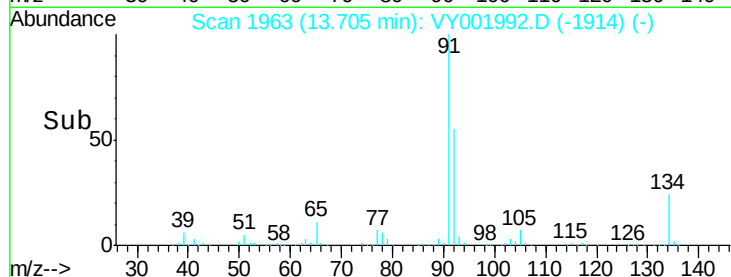
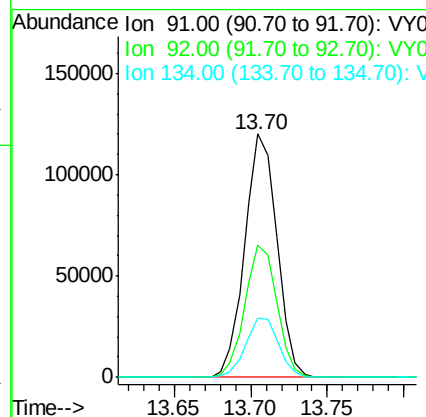
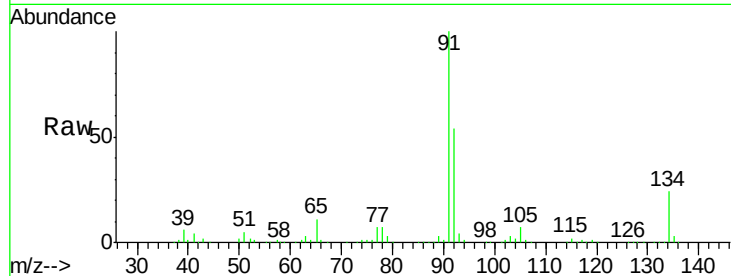
#89
n-Butylbenzene
Concen: 20.556 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.5	82.4
134	24.9	12.5	37.5

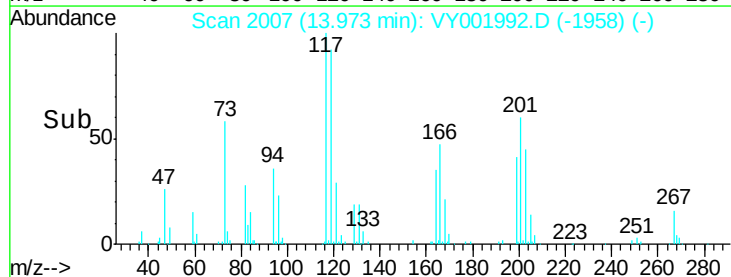
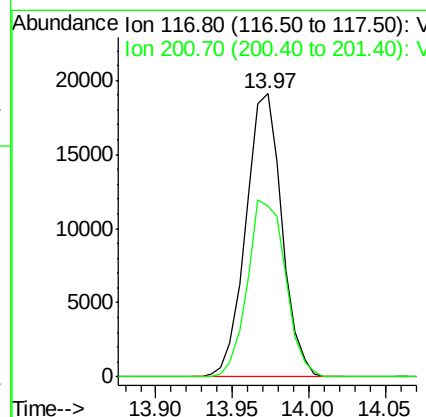
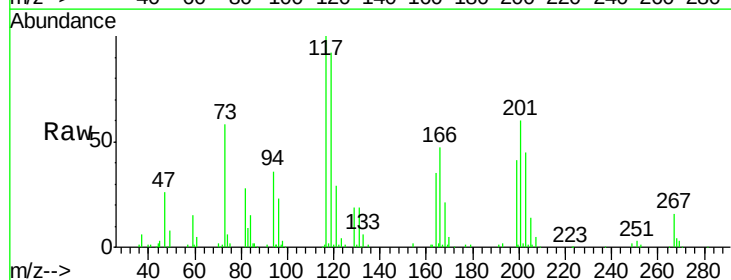
Manual Integrations
APPROVED

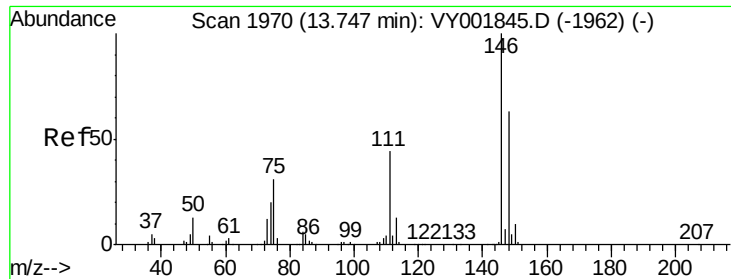
MMDadoda
3/18/2020 11:13:10 AM



#90
Hexachloroethane
Concen: 20.154 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001992.D
Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.9	32.5	97.5





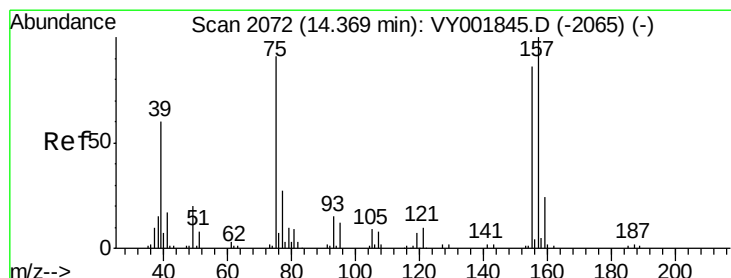
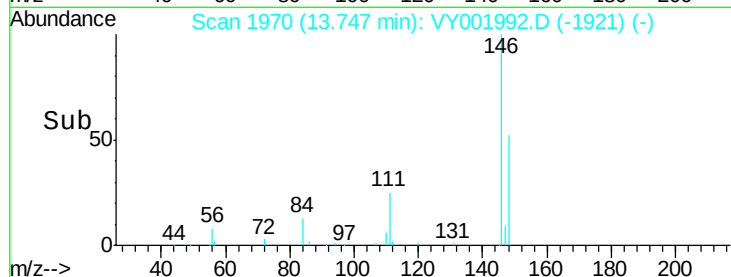
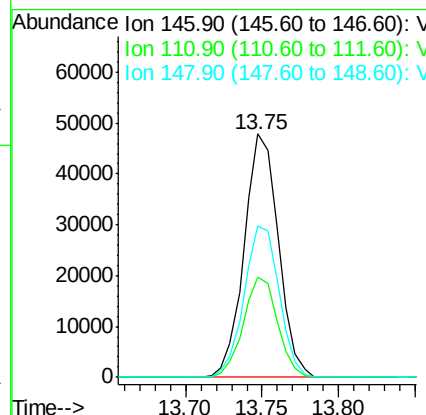
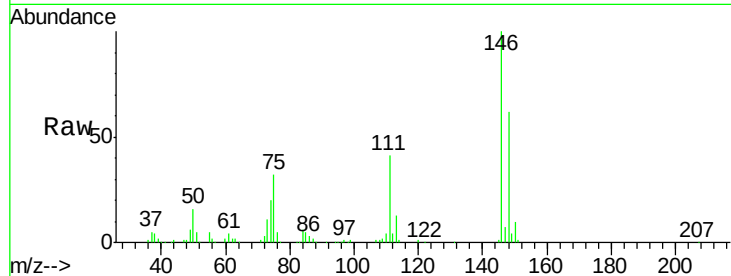
#91
 1,2-Dichlorobenzene
 Concen: 20.797 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.5	64.5
148	63.9	32.0	96.0

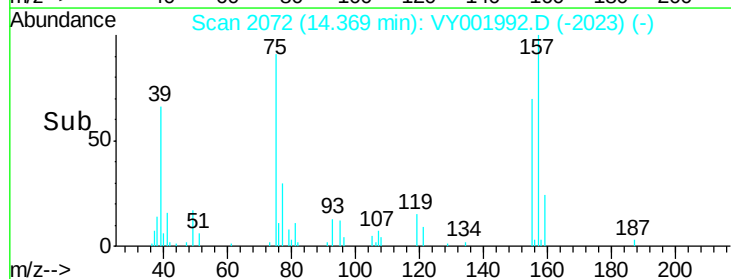
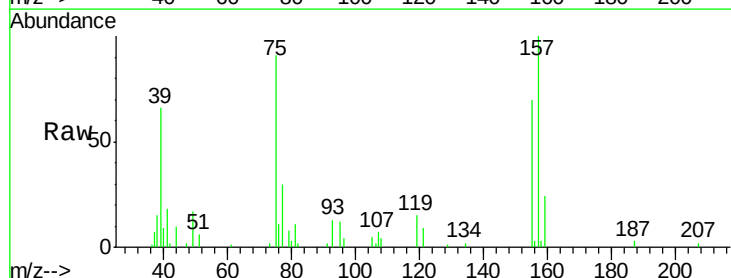
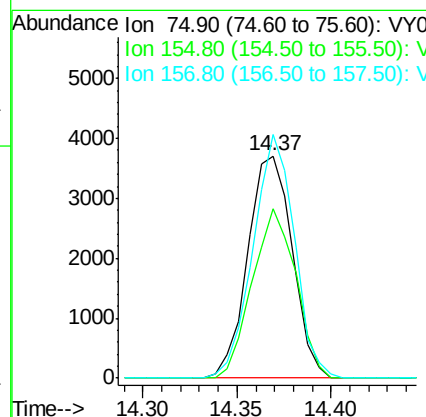
Manual Integrations
 APPROVED

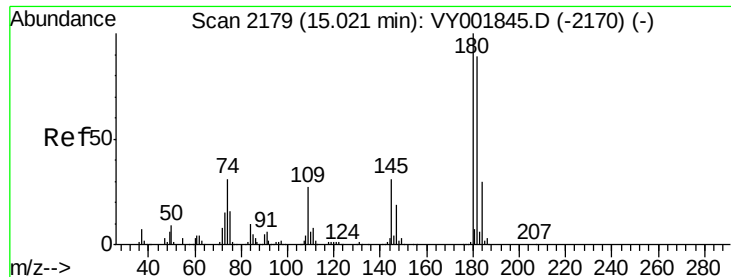
MMDadoda
 3/18/2020 11:13:10 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.034 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.8	42.9	128.7
157	101.7	53.1	159.4





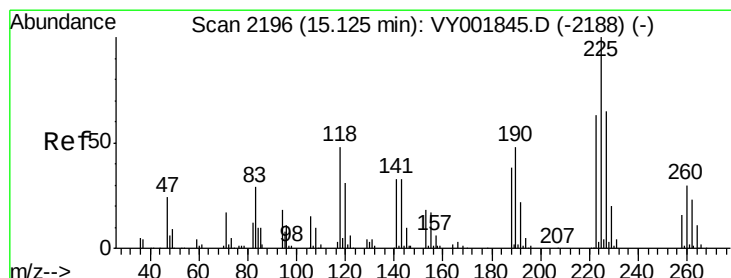
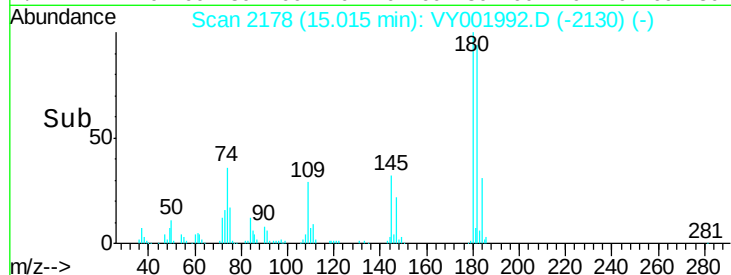
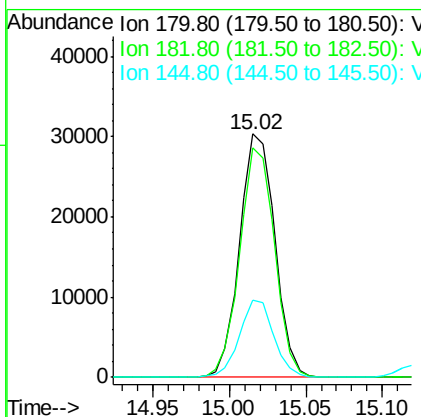
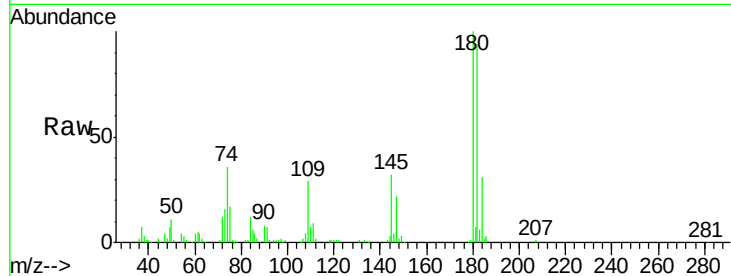
#93
 1,2,4-Trichlorobenzene
 Concen: 21.004 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.1	138.3
145	30.8	15.6	46.8

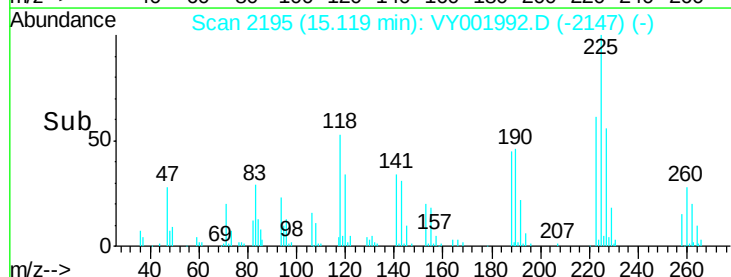
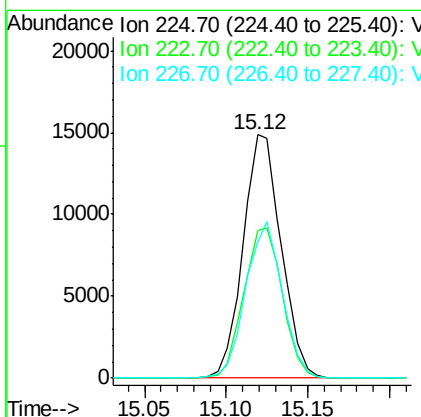
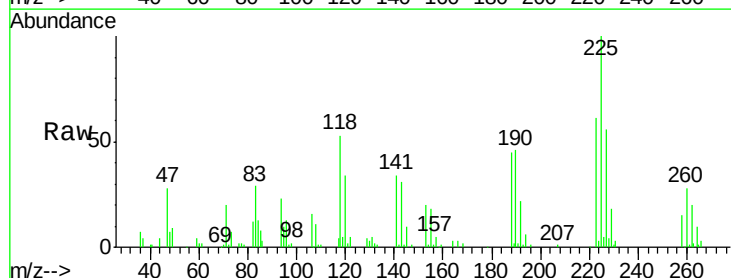
Manual Integrations
 APPROVED

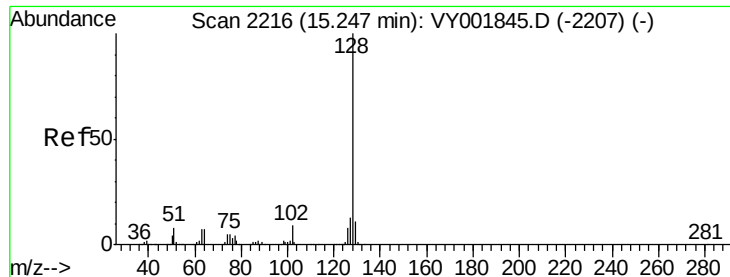
MMDadoda
 3/18/2020 11:13:10 AM



#94
 Hexachlorobutadiene
 Concen: 21.382 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY001992.D
 Acq: 17 Mar 2020 11:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.5	94.5
227	61.5	31.9	95.5





#95

Naphthalene

Concen: 18.955 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Instrument :

MSVOA_Y

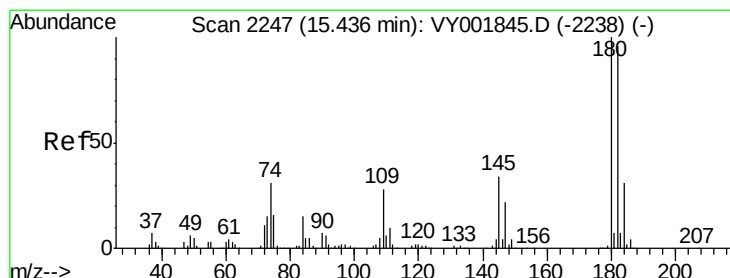
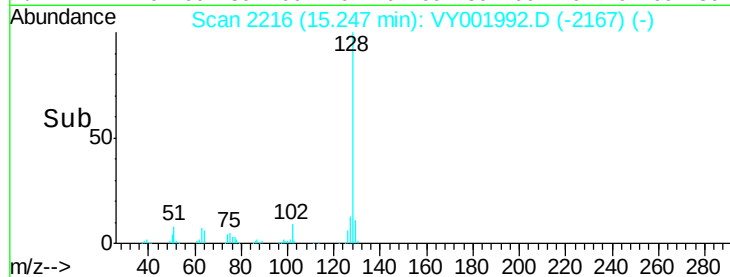
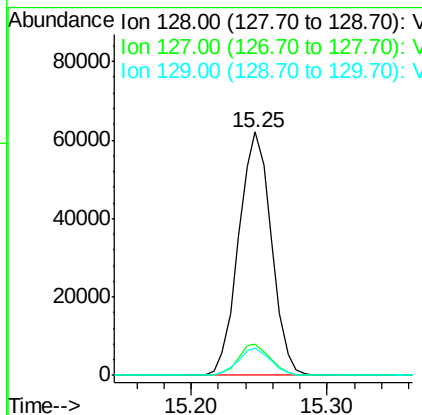
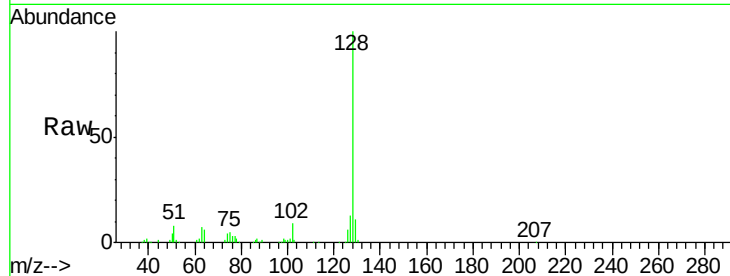
ClientSampleId :

VY0317SBS01

Tot Ion:	128	Resp:	104103
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.1	15.1
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/18/2020 11:13:10 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.397 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY001992.D

Acq: 17 Mar 2020 11:21

Tgt Ion:	180	Resp:	41605
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.6	142.9
145	34.5	16.8	50.3

