

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003206.D
 Acq On : 16 Jul 2020 13:39
 Operator : SY/MD
 Sample : VY0716SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Manual Integrations
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 7/17/2020 4:43:09 PM

Quant Time: Jul 17 05:46:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	438653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	638757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	572343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	303241	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	177215	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	7.72	113	173674	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
50) Toluene-d8	10.18	98	650301	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
62) 4-Bromofluorobenzene	12.48	95	229919	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	69669	22.160	ug/l	96
3) Chloromethane	2.12	50	90601	20.776	ug/l	99
4) Vinyl Chloride	2.26	62	92963	20.777	ug/l	97
5) Bromomethane	2.65	94	69426	20.890	ug/l	98
6) Chloroethane	2.80	64	57758	19.653	ug/l	98
7) Trichlorofluoromethane	3.13	101	131718	20.614	ug/l	100
8) Diethyl Ether	3.54	74	41810	19.526	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.91	101	75904	19.668	ug/l	99
10) Methyl Iodide	4.10	142	75177	17.930	ug/l	98
11) Tert butyl alcohol	4.96	59	37196	92.910	ug/l	99
12) 1,1-Dichloroethene	3.88	96	74027	20.280	ug/l	98
13) Acrolein	3.74	56	28443	81.853	ug/l	99
14) Allyl chloride	4.49	41	118062	21.798	ug/l	98
15) Acrylonitrile	5.17	53	97891	95.173	ug/l	99
16) Acetone	3.95	43	82874	100.210	ug/l	97
17) Carbon Disulfide	4.19	76	227192	20.284	ug/l	98
18) Methyl Acetate	4.48	43	45853	19.965	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	193254	18.892	ug/l	99
20) Methylene Chloride	4.72	84	115185	24.926	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	80883	19.591	ug/l	94
22) Diisopropyl ether	6.13	45	250443	20.834	ug/l	98
23) Vinyl Acetate	6.07	43	801208	100.000	ug/l	98
24) 1,1-Dichloroethane	6.02	63	144735	20.783	ug/l	98
25) 2-Butanone	6.99	43	132884	97.863	ug/l	100
26) 2,2-Dichloropropane	6.99	77	129893	20.711	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	88051	19.371	ug/l	97
28) Bromochloromethane	7.34	49	68229	22.629	ug/l	93
29) Tetrahydrofuran	7.35	42	87831	96.286	ug/l	97
30) Chloroform	7.51	83	141819	19.772	ug/l	96
31) Cyclohexane	7.78	56	142079	21.098	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	130569	20.221	ug/l	100
36) 1,1-Dichloropropene	7.92	75	115147	19.890	ug/l	99
37) Ethyl Acetate	7.08	43	61269	19.652	ug/l	96
38) Carbon Tetrachloride	7.91	117	116735	19.532	ug/l	99

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Manual Integrations
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Quant Time: Jul 17 05:46:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	143811	19.774	ug/l	95
40) Benzene	8.16	78	316640	19.864	ug/l	96
41) Methacrylonitrile	7.33	41	32025m	17.055	ug/l	
42) 1,2-Dichloroethane	8.24	62	94951	19.348	ug/l	99
43) Isopropyl Acetate	8.28	43	115601	19.156	ug/l	98
44) Trichloroethene	8.94	130	92190	18.866	ug/l	94
45) 1,2-Dichloropropane	9.22	63	81910	19.858	ug/l	99
46) Dibromomethane	9.31	93	44189	18.343	ug/l	100
47) Bromodichloromethane	9.50	83	110814	19.340	ug/l	98
48) Methyl methacrylate	9.29	41	53836	19.955	ug/l	93
49) 1,4-Dioxane	9.30	88	10111	330.692	ug/l	86
51) 4-Methyl-2-Pentanone	10.07	43	301028	95.971	ug/l	97
52) Toluene	10.24	92	196623	19.298	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	113847	19.178	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	132522	19.375	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	61731	18.083	ug/l	98
56) Ethyl methacrylate	10.51	69	84972	18.308	ug/l	94
57) 1,3-Dichloropropane	10.79	76	108956	18.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	241155	101.883	ug/l	96
59) 2-Hexanone	10.83	43	214136	97.796	ug/l	95
60) Dibromochloromethane	10.99	129	78509	18.285	ug/l	99
61) 1,2-Dibromoethane	11.09	107	59681	17.713	ug/l	99
64) Tetrachloroethene	10.72	164	93053	18.234	ug/l	98
65) Chlorobenzene	11.52	112	213032	19.321	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	81616	19.059	ug/l	99
67) Ethyl Benzene	11.59	91	393696	19.998	ug/l	96
68) m/p-Xylenes	11.70	106	293600	39.306	ug/l	98
69) o-Xylene	12.03	106	135081	19.357	ug/l	97
70) Styrene	12.04	104	233398	19.552	ug/l	98
71) Bromoform	12.20	173	50091	17.822	ug/l #	98
73) Isopropylbenzene	12.33	105	380162	19.672	ug/l	100
74) N-amyl acetate	12.14	43	104472	19.267	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	70936	19.006	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	50715m	18.894	ug/l	
77) Bromobenzene	12.61	156	95651	19.418	ug/l	99
78) n-propylbenzene	12.67	91	457753	20.096	ug/l	99
79) 2-Chlorotoluene	12.75	91	254726	20.043	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	323601	20.092	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	26005	18.855	ug/l	96
82) 4-Chlorotoluene	12.85	91	261119	19.684	ug/l	100
83) tert-Butylbenzene	13.08	119	281239	19.790	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	321296	19.826	ug/l	100
85) sec-Butylbenzene	13.25	105	393645	20.153	ug/l	100
86) p-Isopropyltoluene	13.37	119	360415	19.762	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	179330	19.252	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	178261	19.329	ug/l	98
89) n-Butylbenzene	13.70	91	352692	20.559	ug/l	98
90) Hexachloroethane	13.96	117	67204	20.234	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	158581	19.399	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	10118	16.722	ug/l	98

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Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBSD01

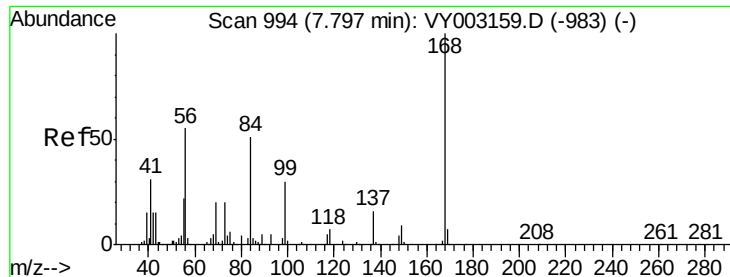
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	107276	18.447	ug/l	98
94) Hexachlorobutadiene	15.11	225	79703	20.002	ug/l	99
95) Naphthalene	15.23	128	162862	16.945	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	80325	17.473	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBSD01

Tot Ion:168 Resp: 438653

Ion Ratio Lower Upper

168 100

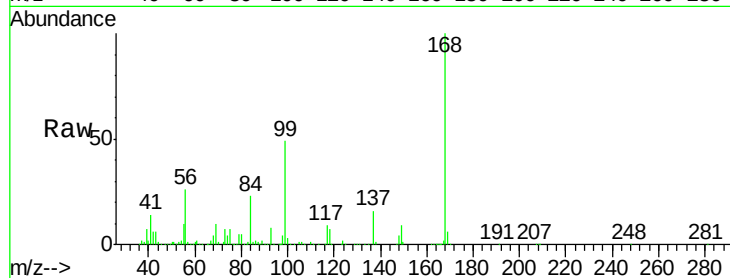
99 49.1 37.3 55.9

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Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

200000

150000

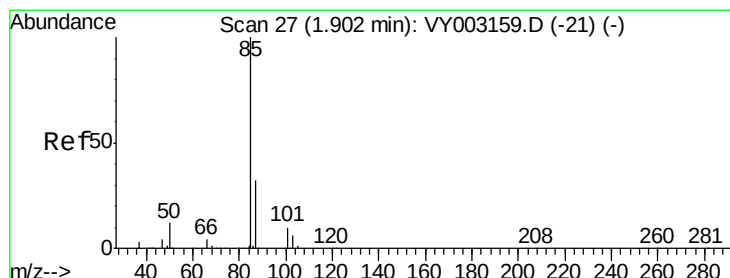
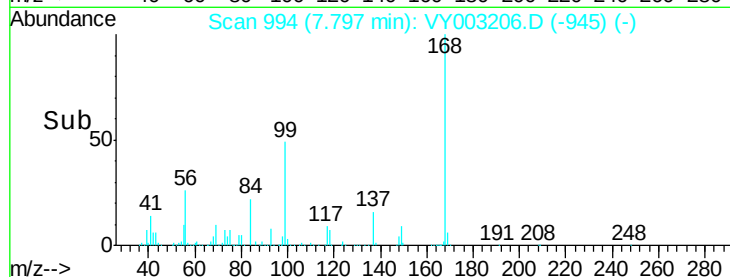
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50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.160 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003206.D

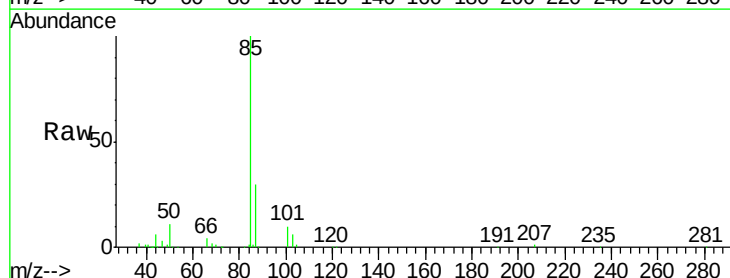
Acq: 16 Jul 2020 13:39

Tgt Ion: 85 Resp: 69669

Ion Ratio Lower Upper

85 100

87 29.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003159.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003159.D (-21) (-)

1.91

50000

40000

30000

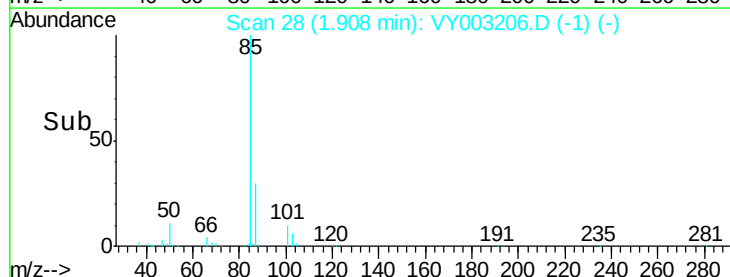
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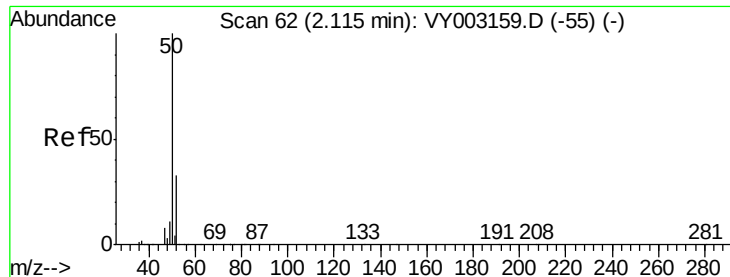
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.776 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 50 Resp: 90601

Ion Ratio Lower Upper

50 100

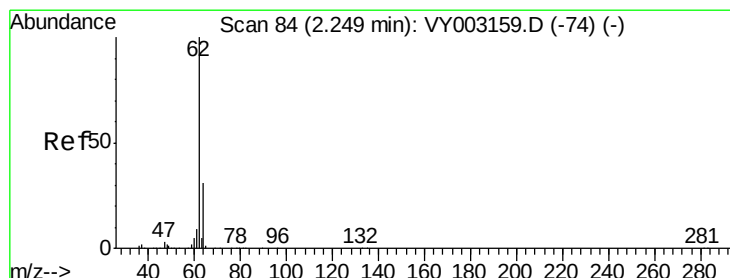
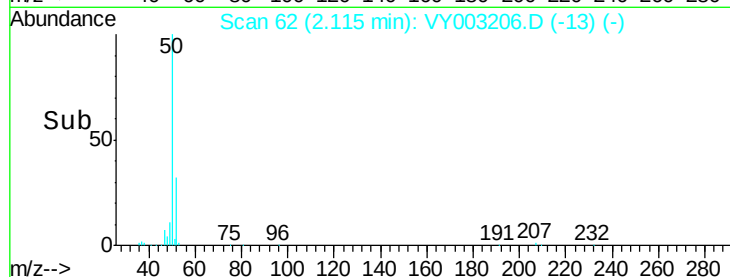
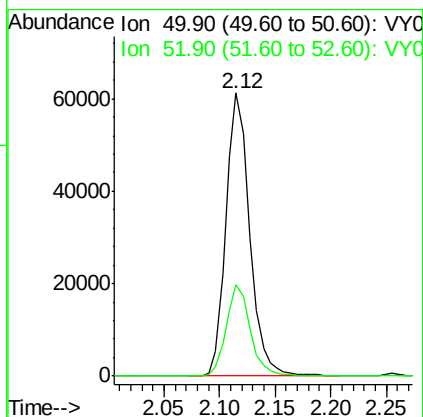
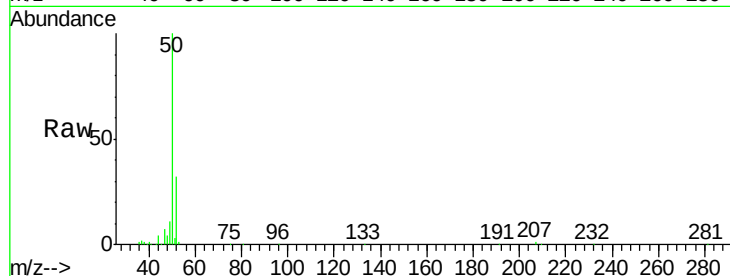
52 32.5 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.777 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003206.D

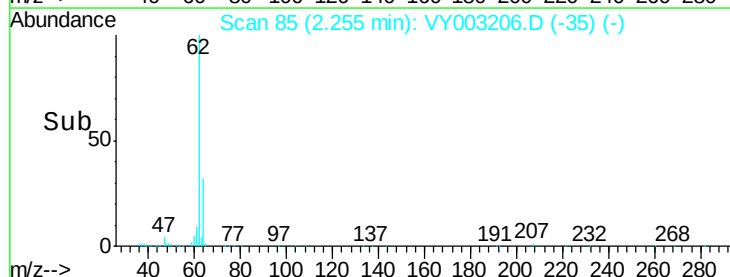
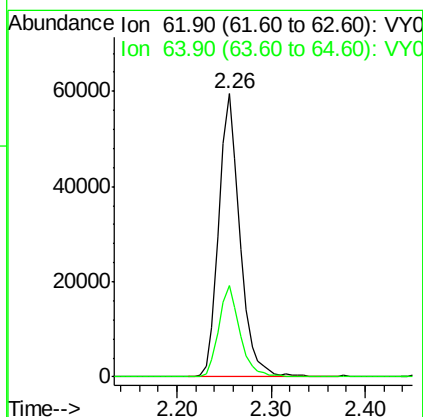
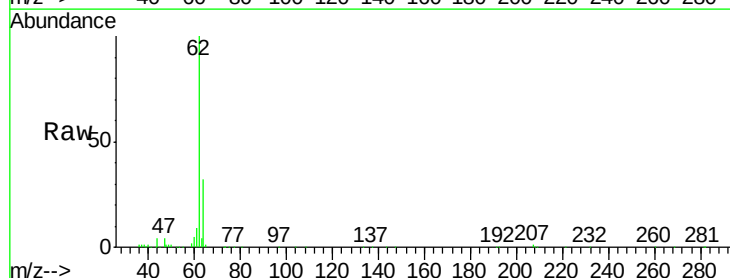
Acq: 16 Jul 2020 13:39

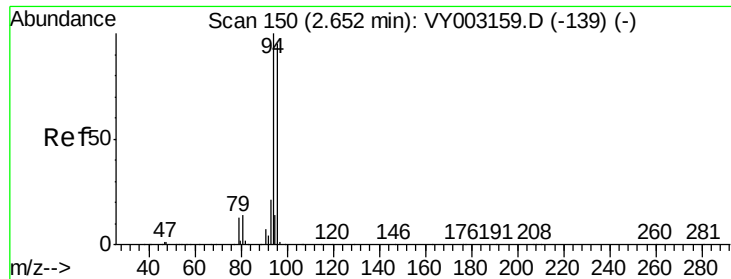
Tgt Ion: 62 Resp: 92963

Ion Ratio Lower Upper

62 100

64 32.2 24.6 37.0





#5

Bromomethane

Concen: 20.890 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 94 Resp: 69426

Ion Ratio Lower Upper

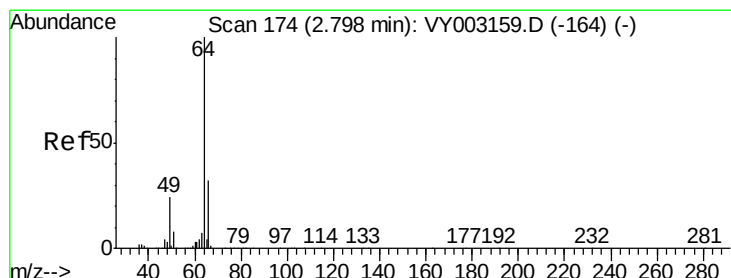
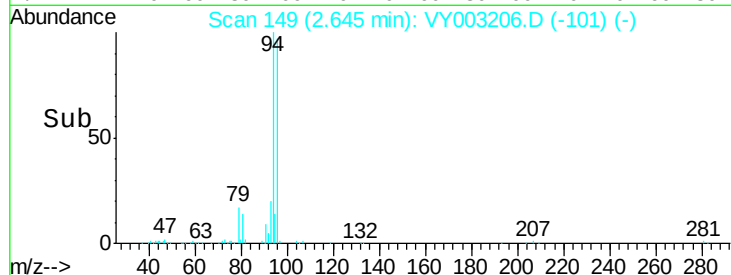
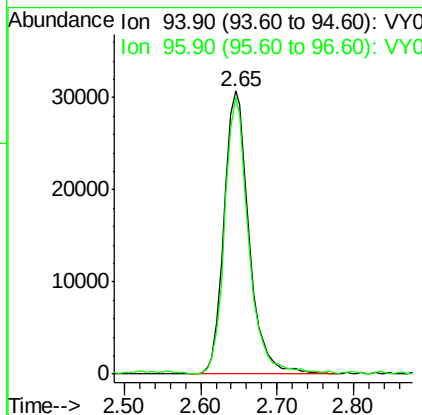
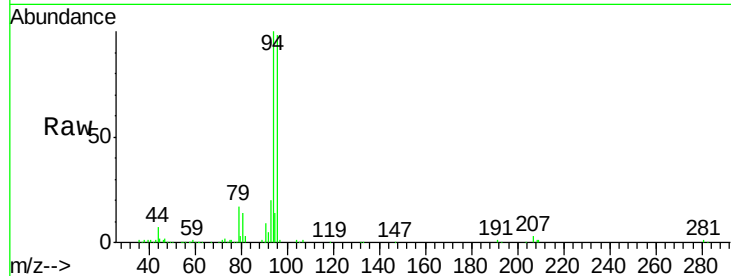
94 100

96 97.4 76.0 114.0

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#6

Chloroethane

Concen: 19.653 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003206.D

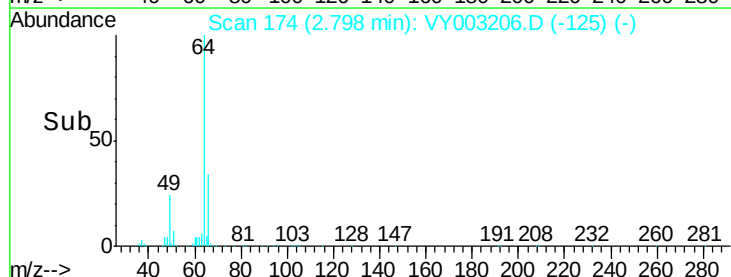
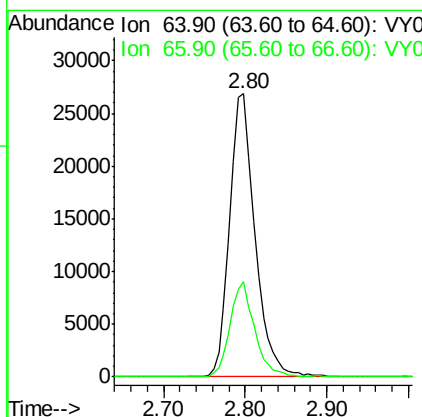
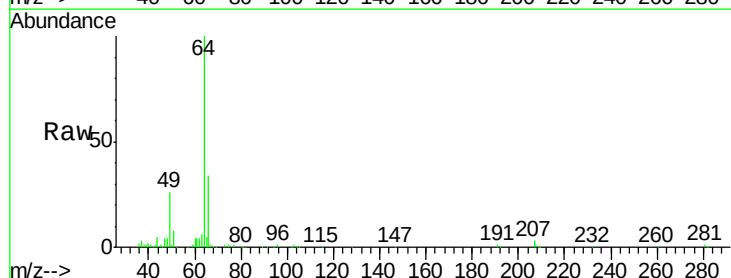
Acq: 16 Jul 2020 13:39

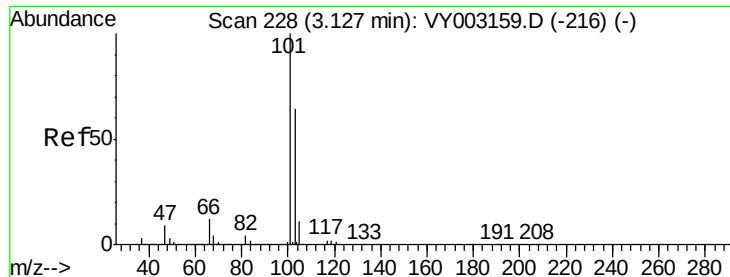
Tgt Ion: 64 Resp: 57758

Ion Ratio Lower Upper

64 100

66 33.5 26.0 39.0





#7

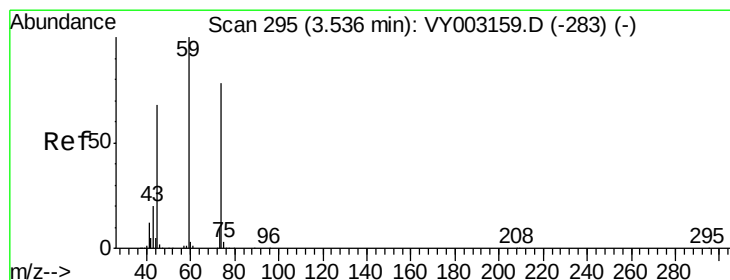
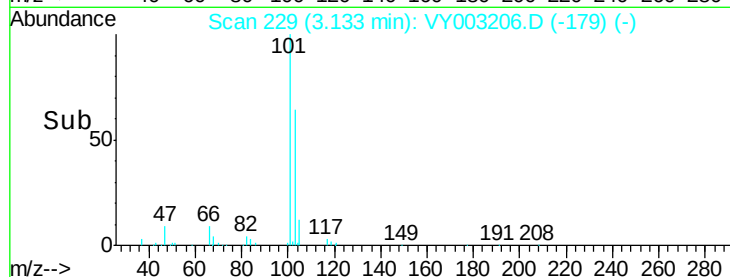
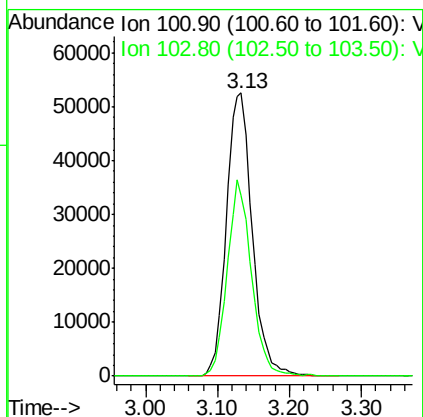
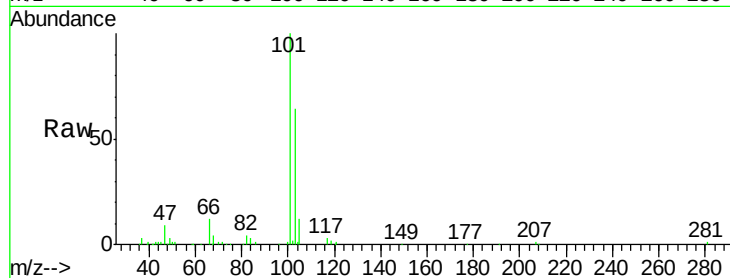
Trichlorofluoromethane
 Concen: 20.614 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.3	76.9

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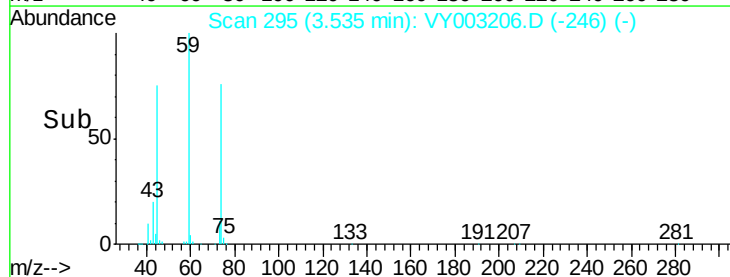
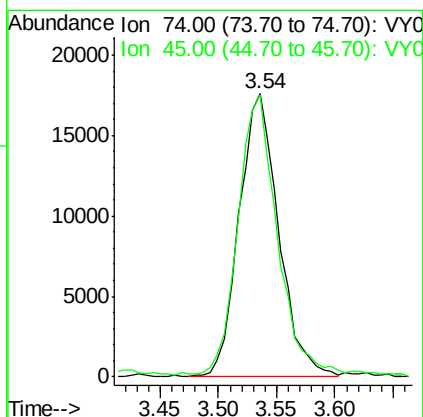
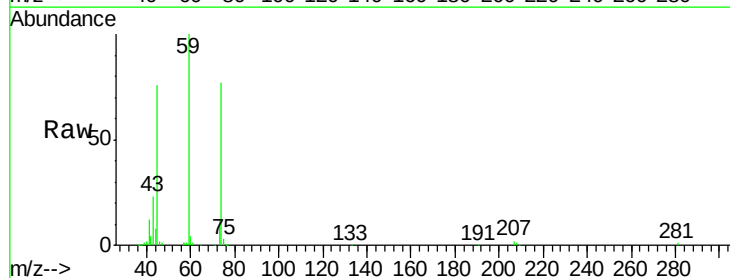
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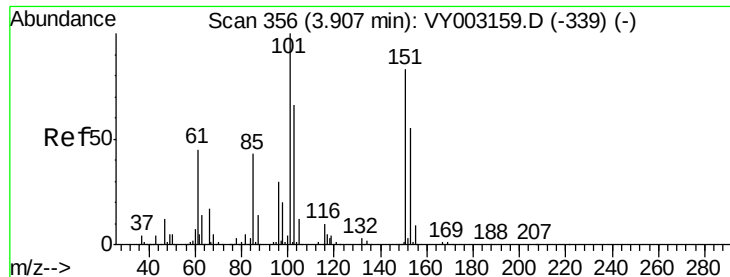


#8

Diethyl Ether
 Concen: 19.526 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.668 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

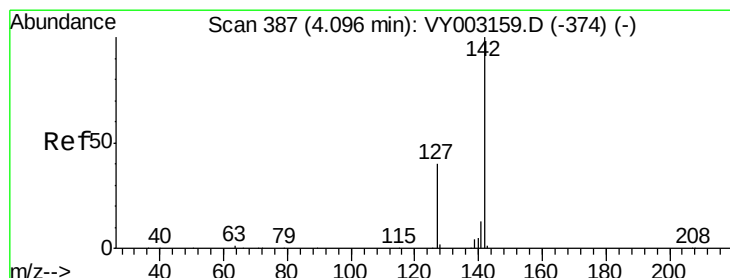
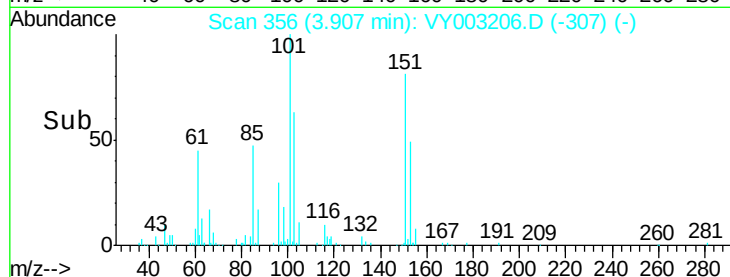
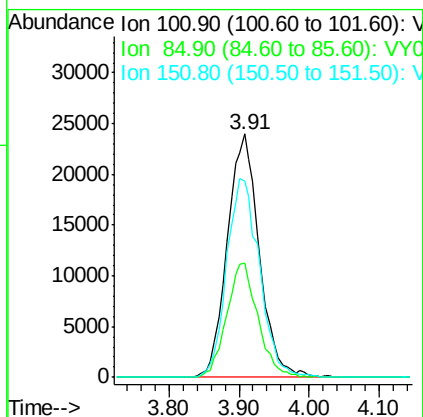
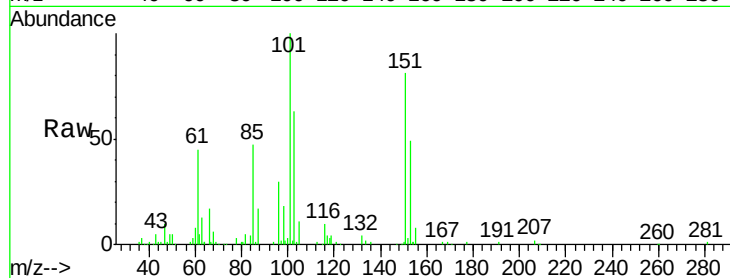
ClientSampleId :

VY0716SBS01

Tot Ion:	101	Resp:	75904
Ion Ratio	Lower	Upper	
101	100		
85	45.9	34.9	52.3
151	84.1	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 17.930 ug/l

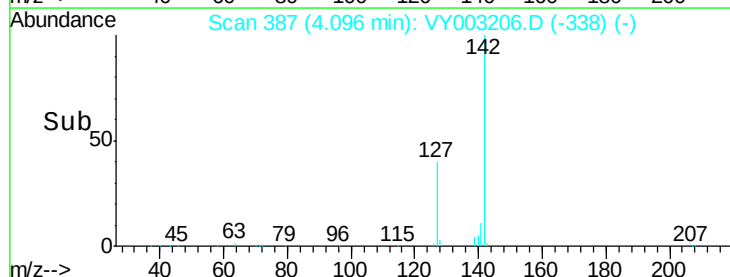
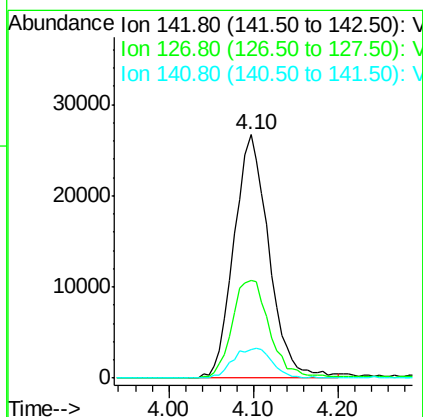
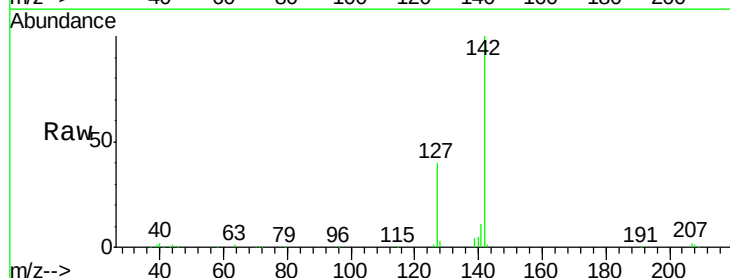
RT: 4.10 min Scan# 387

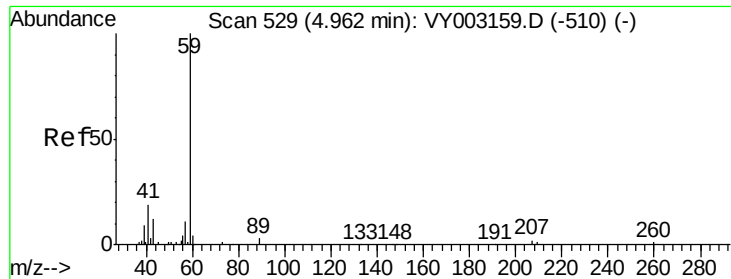
Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Tgt Ion:	142	Resp:	75177
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.5	50.3
141	13.6	11.2	16.8





#11

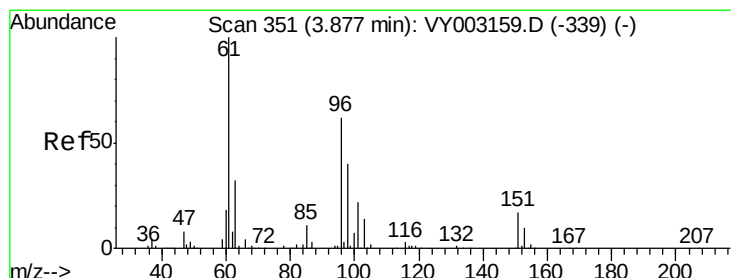
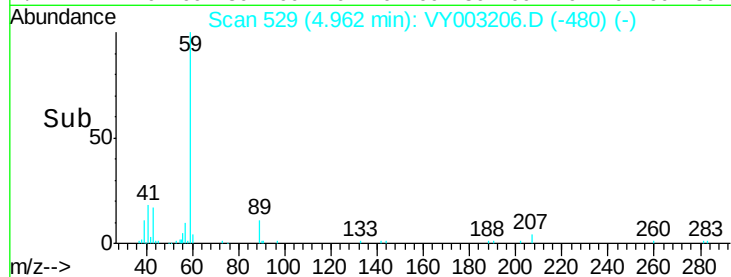
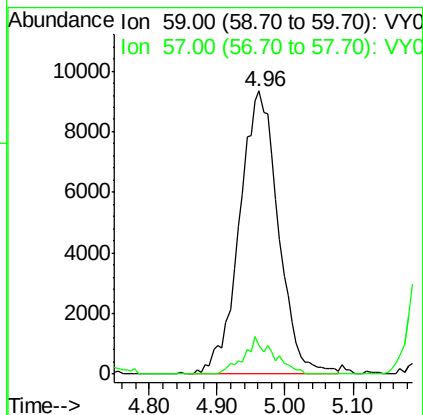
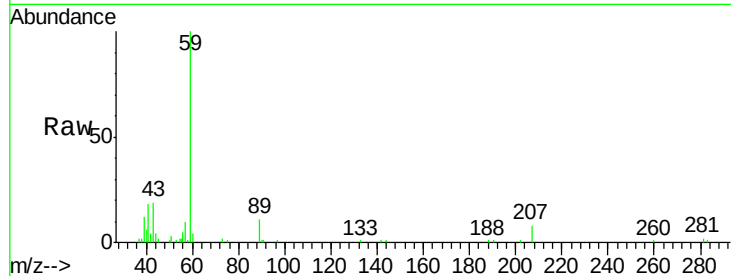
Tert butyl alcohol
 Concen: 92.910 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.1	8.4	12.6

Manual Integrations
 APPROVED

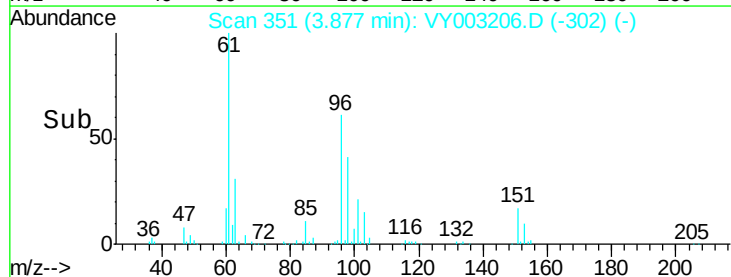
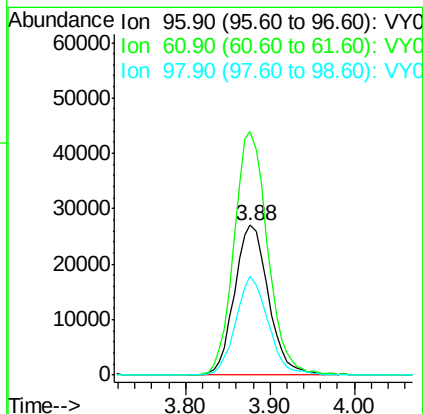
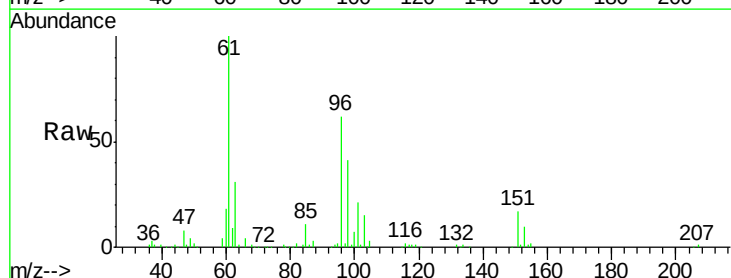
MMDadoda
 7/17/2020 4:43:09 PM

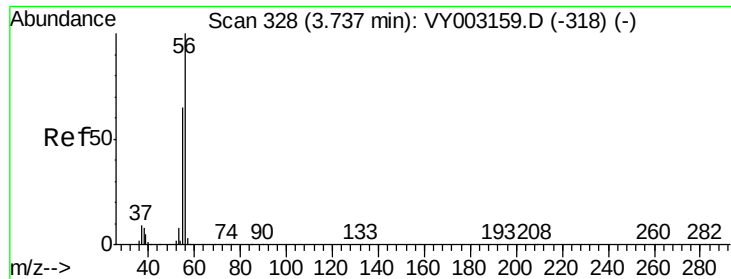


#12

1,1-Dichloroethene
 Concen: 20.280 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	162.6	128.6	193.0
98	98	65.9	51.6	77.4





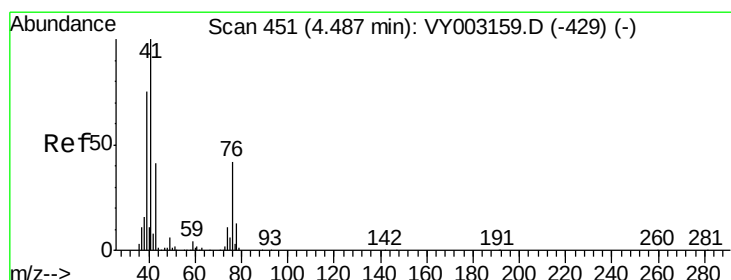
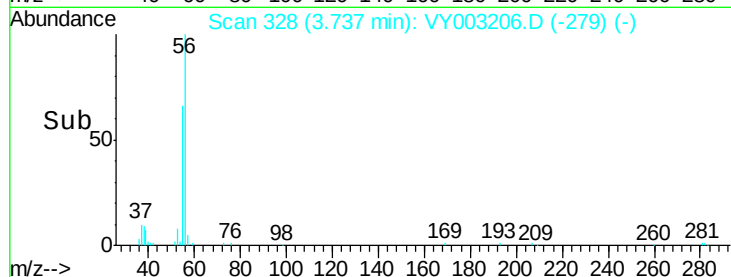
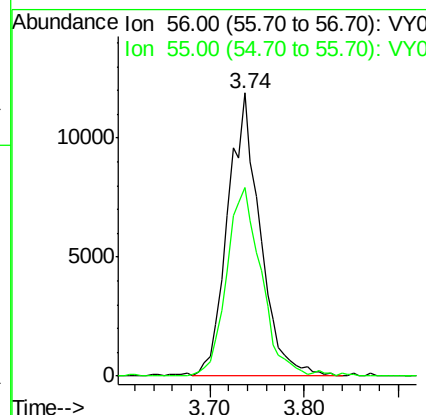
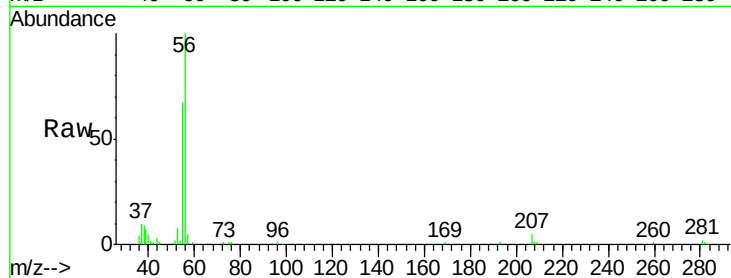
#13
Acrolein
Concen: 81.853 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	56	Resp	28443
Ion Ratio	100	Lower	Upper
55	70.9	56.0	84.0

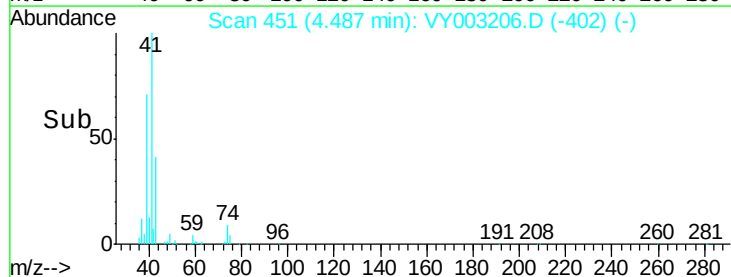
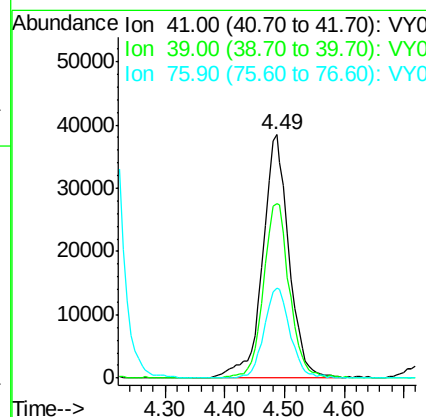
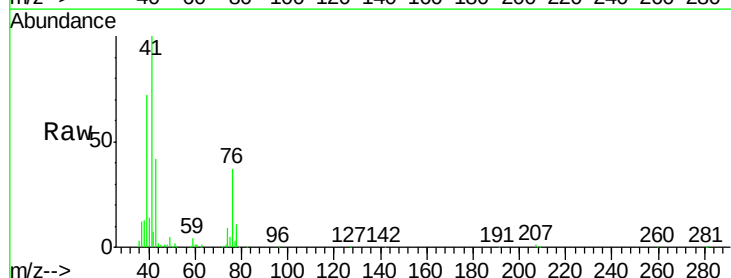
Manual Integrations
APPROVED

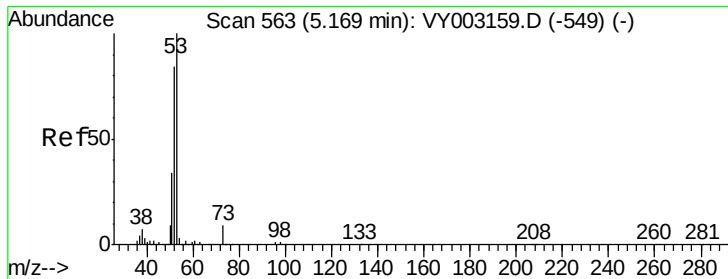
MMDadoda
7/17/2020 4:43:09 PM



#14
Allyl chloride
Concen: 21.798 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	41	Resp	118062
Ion Ratio	100	Lower	Upper
39	70.1	56.6	85.0
76	36.4	31.6	47.4





#15

Acrylonitrile

Concen: 95.173 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

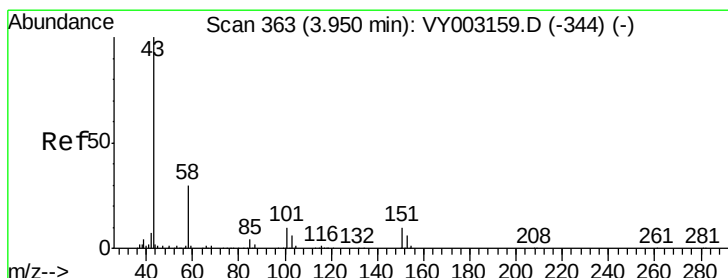
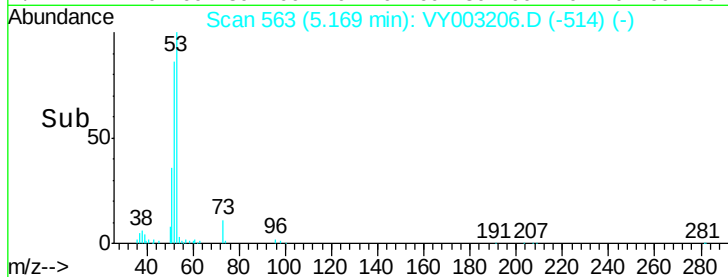
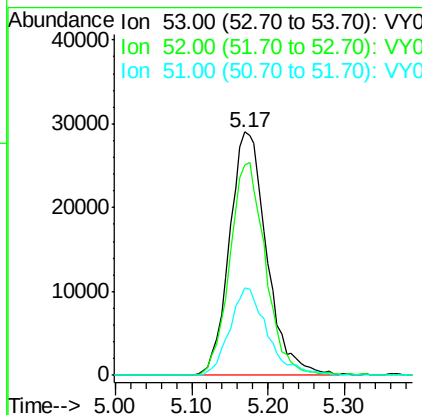
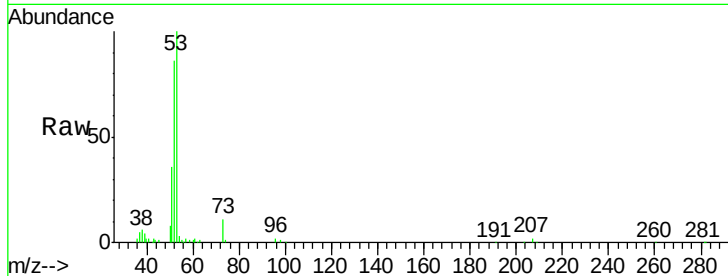
ClientSampleId :

VY0716SBS01

Tot Ion:	53	Resp:	97891
Ion	Ratio	Lower	Upper
53	100		
52	83.9	65.8	98.6
51	36.5	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 100.210 ug/l

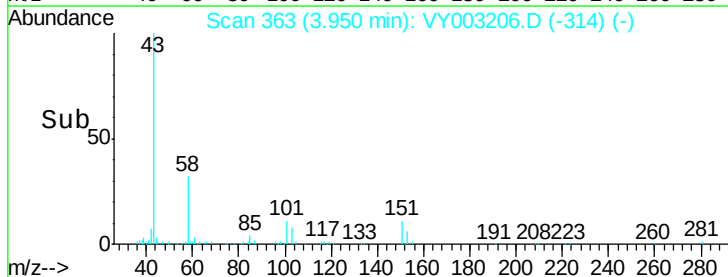
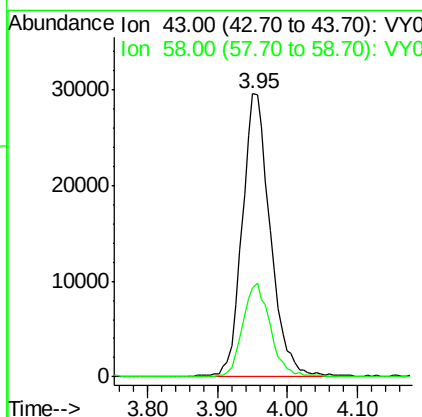
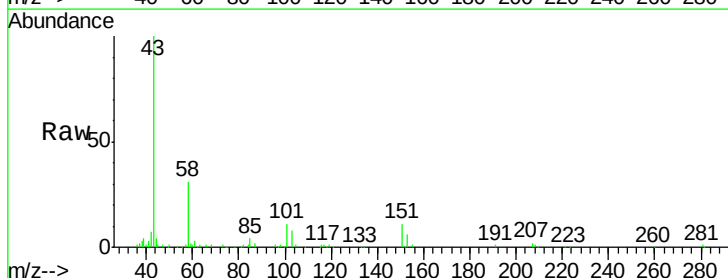
RT: 3.95 min Scan# 363

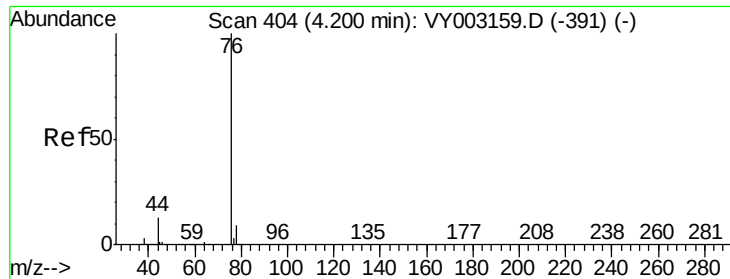
Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Tgt Ion:	43	Resp:	82874
Ion	Ratio	Lower	Upper
43	100		
58	31.5	23.8	35.6





#17

Carbon Disulfide

Concen: 20.284 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 76 Resp: 227192

Ion Ratio Lower Upper

76 100

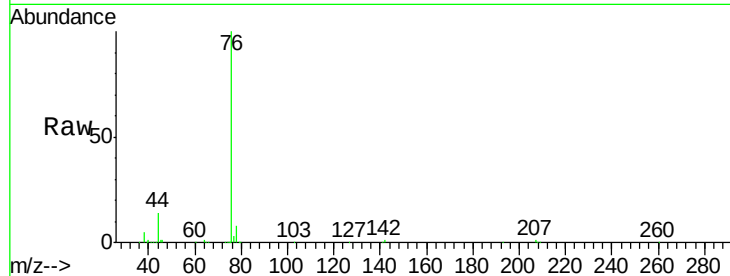
78 8.5 7.3 10.9

Manual Integrations

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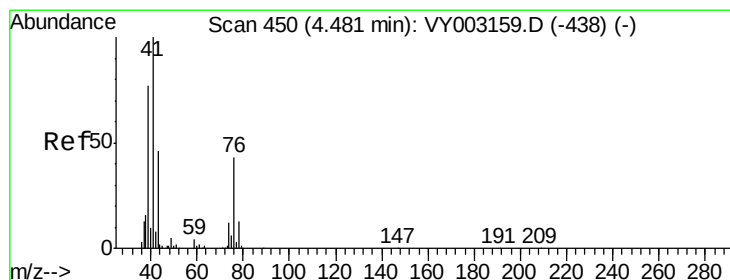
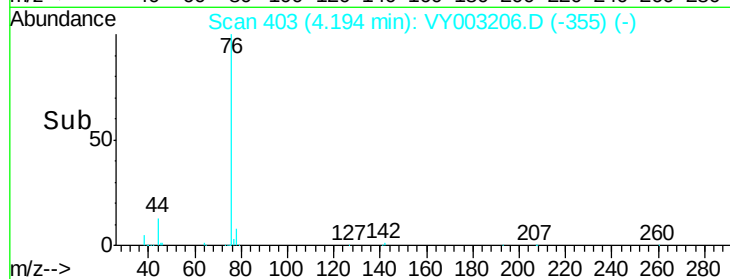
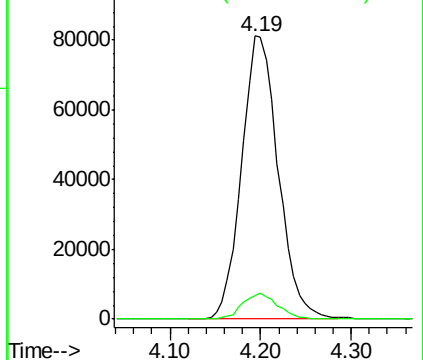
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.965 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY003206.D

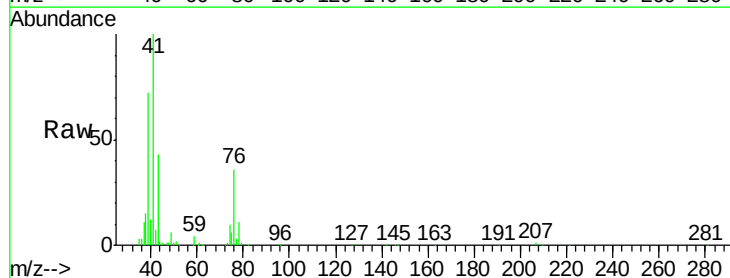
Acq: 16 Jul 2020 13:39

Tgt Ion: 43 Resp: 45853

Ion Ratio Lower Upper

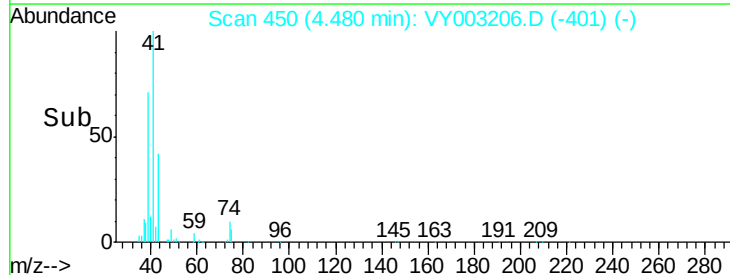
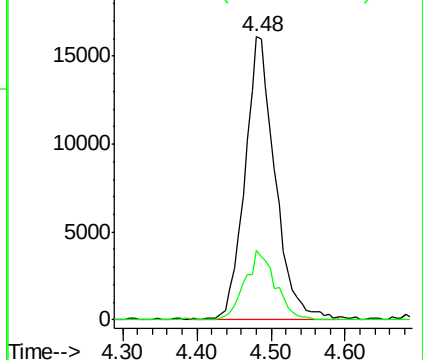
43 100

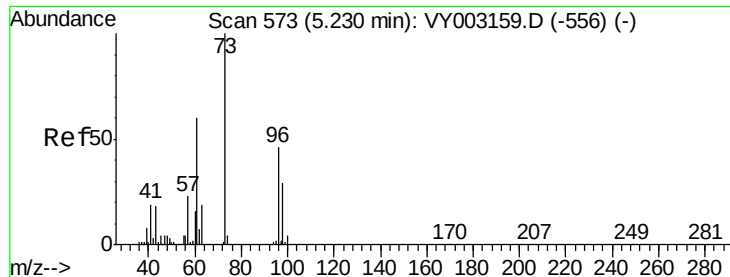
74 24.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





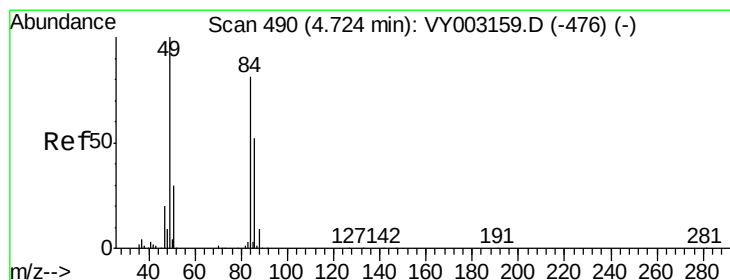
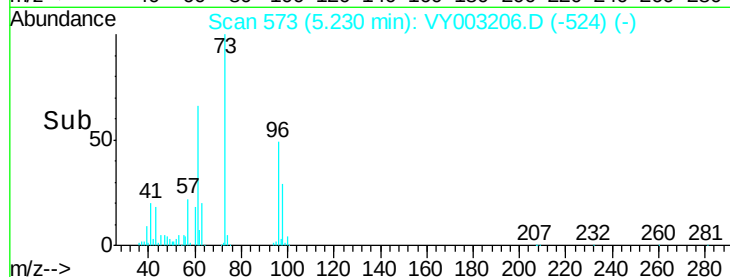
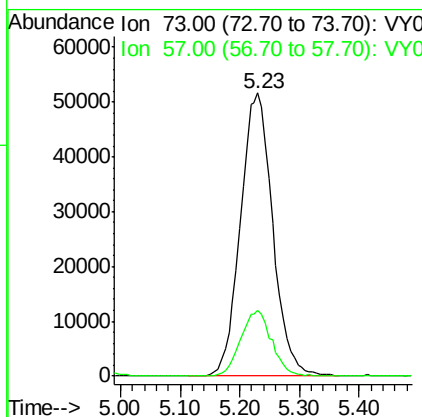
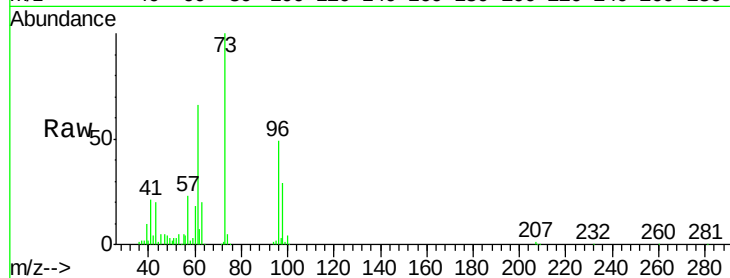
#19
Methyl tert-butyl Ether
Concen: 18.892 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.1	27.1

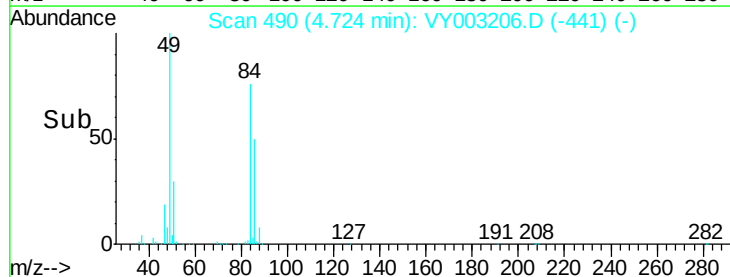
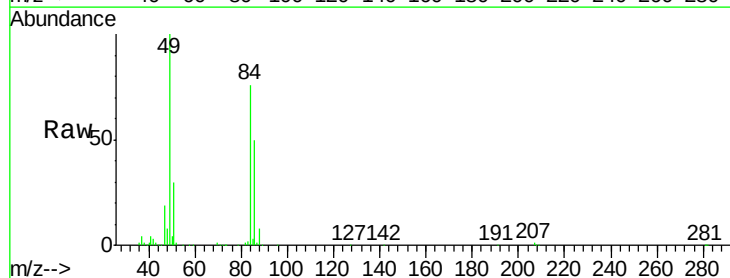
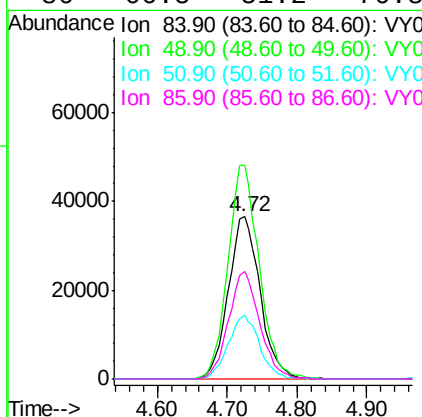
Manual Integrations
APPROVED

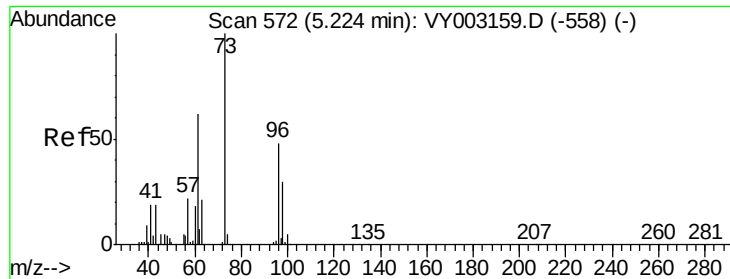
MMDadoda
7/17/2020 4:43:09 PM



#20
Methylene Chloride
Concen: 24.926 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.8	98.2	147.4
51	39.8	29.8	44.6
86	66.5	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 19.591 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

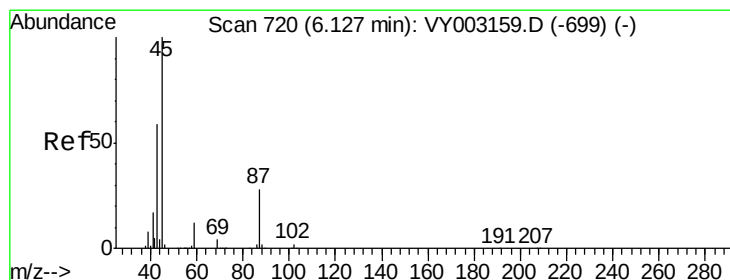
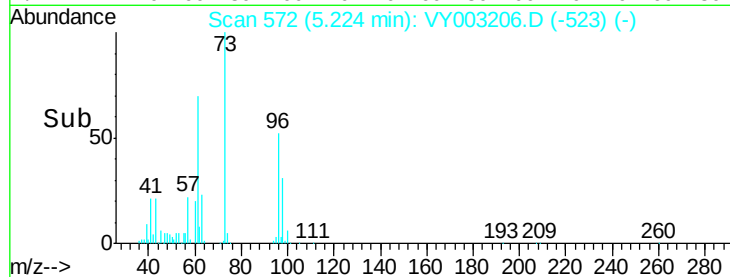
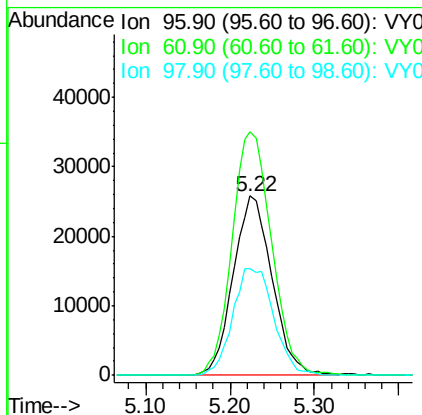
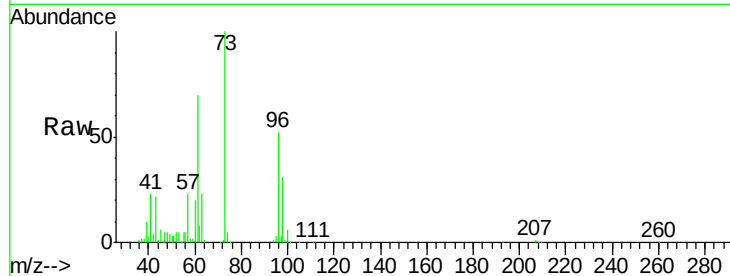
ClientSampleId :

VY0716SBS01

Tot Ion:	96	Resp:	80883
Ion	Ratio	Lower	Upper
96	100		
61	135.7	102.5	153.7
98	59.4	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.834 ug/l

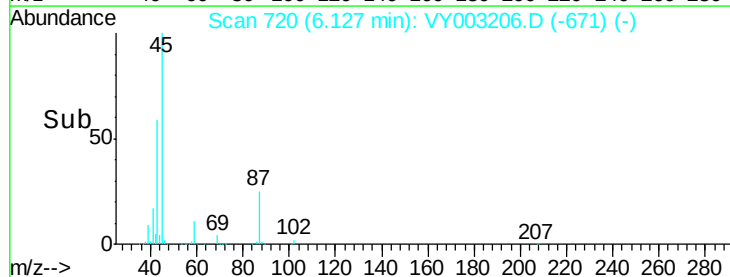
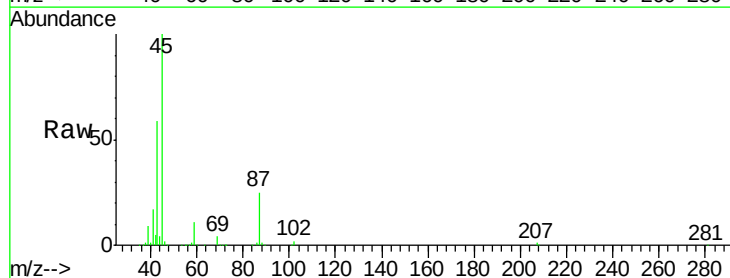
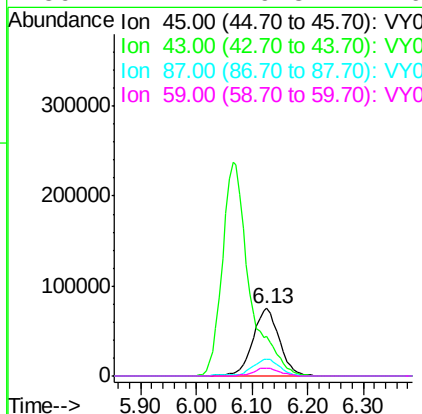
RT: 6.13 min Scan# 720

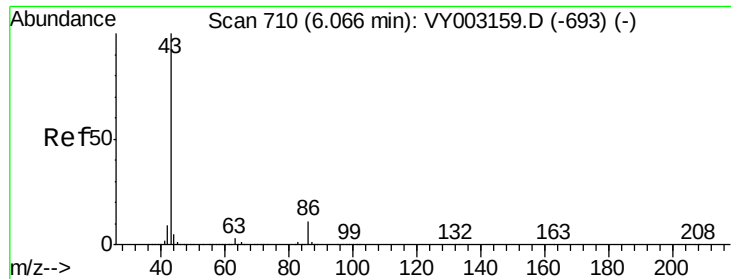
Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Tgt Ion:	45	Resp:	250443
Ion	Ratio	Lower	Upper
45	100		
43	59.1	47.0	70.4
87	25.4	22.6	33.8
59	11.2	9.8	14.6





#23

Vinyl Acetate

Concen: 100.000 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 43 Resp: 801208

Ion Ratio Lower Upper

43 100

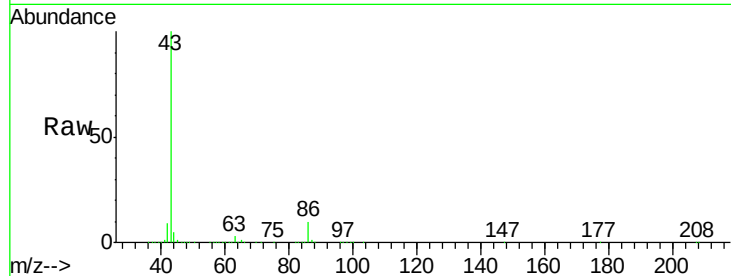
86 10.2 8.8 13.2

Manual Integrations

APPROVED

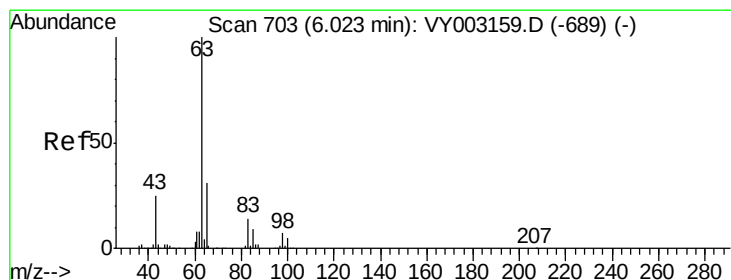
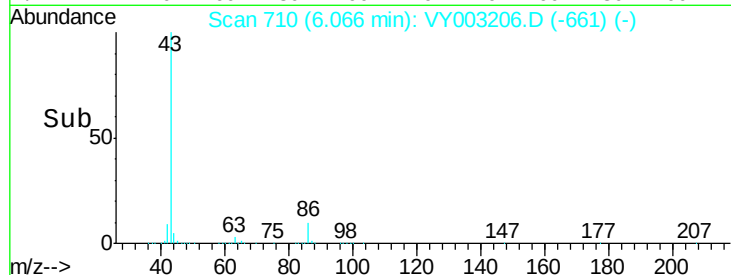
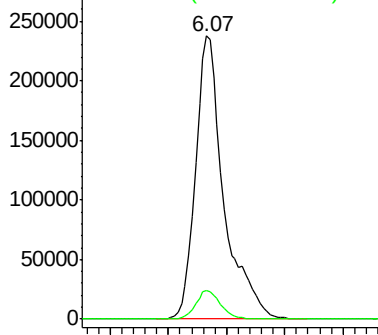
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.783 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

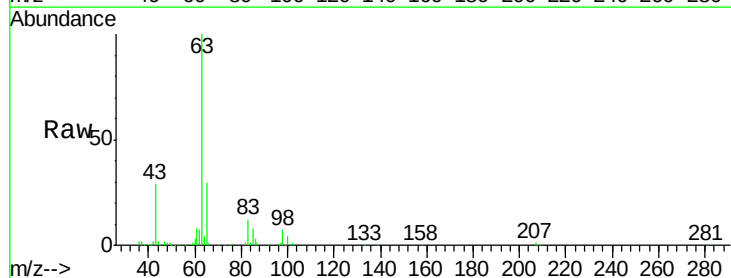
Tgt Ion: 63 Resp: 144735

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

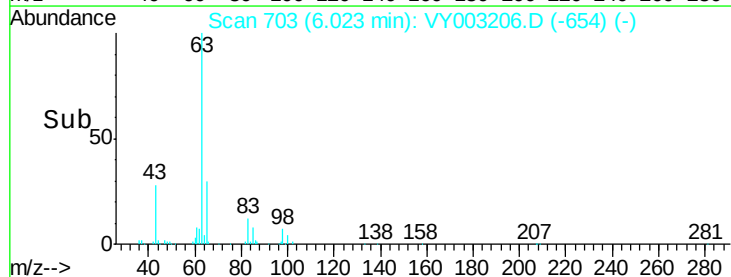
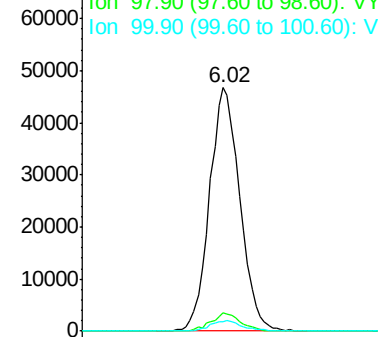
100 3.8 2.4 7.2

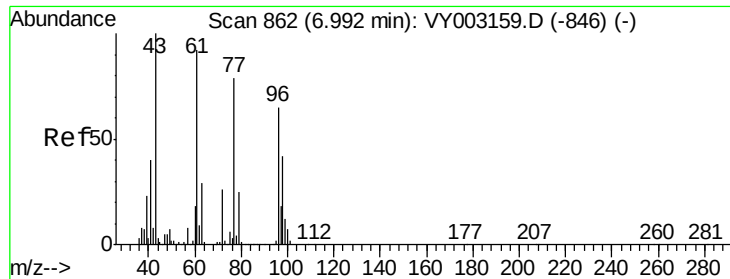


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





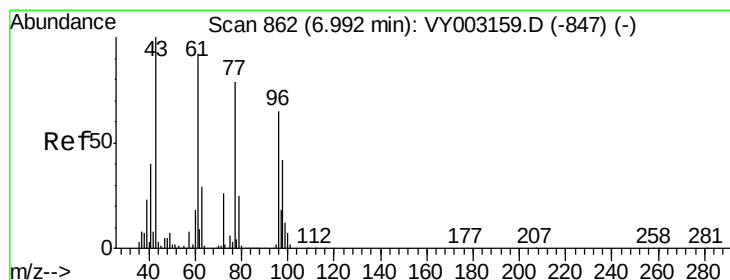
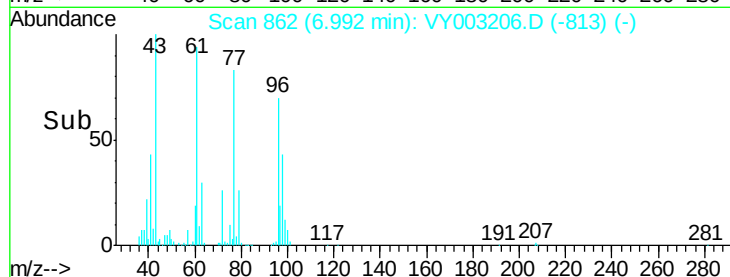
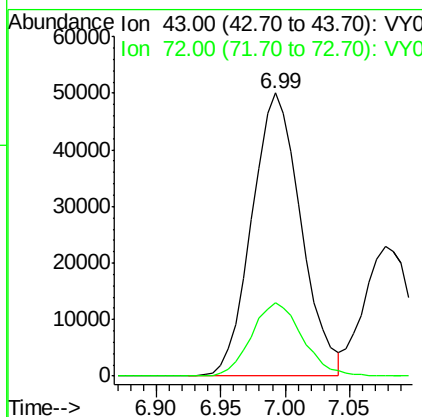
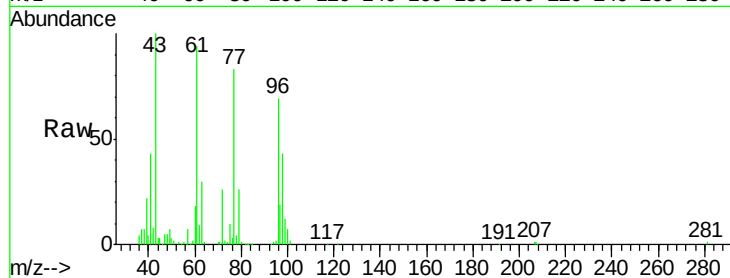
#25
2-Butanone
Concen: 97.863 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.9	20.9	31.3

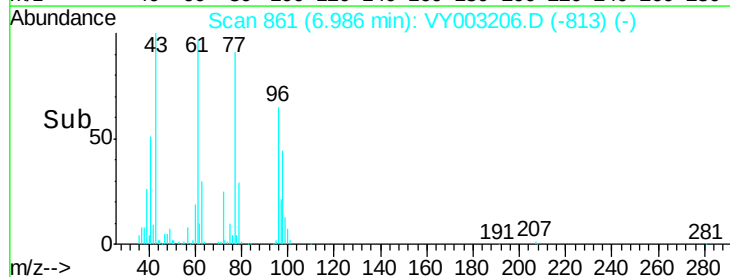
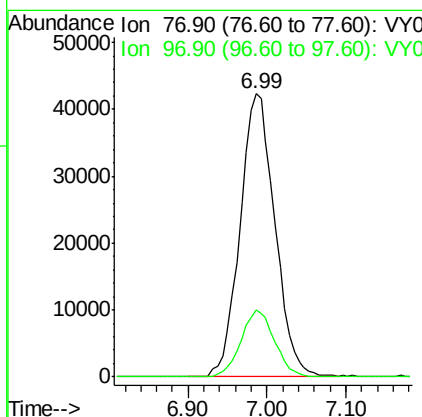
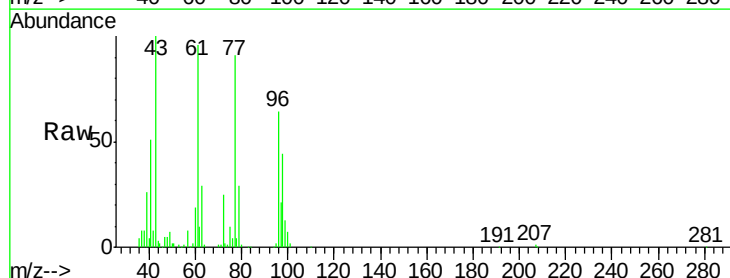
Manual Integrations
APPROVED

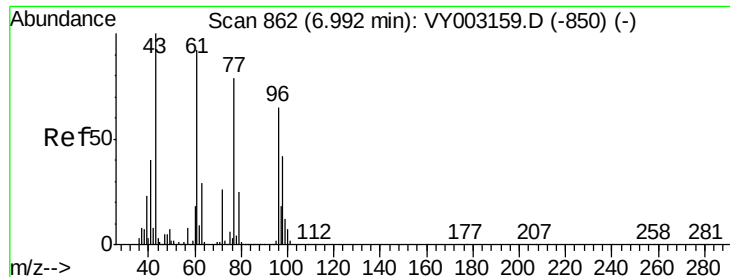
MMDadoda
7/17/2020 4:43:09 PM



#26
2,2-Dichloropropane
Concen: 20.711 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.8	11.6	34.7





#27

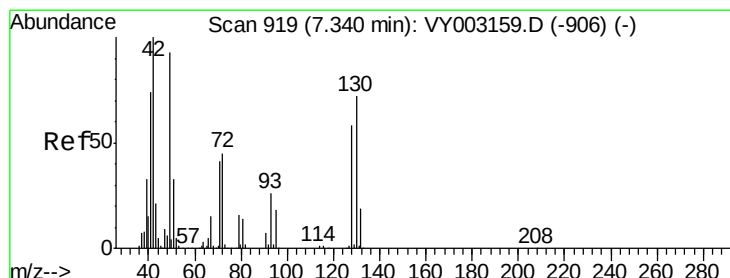
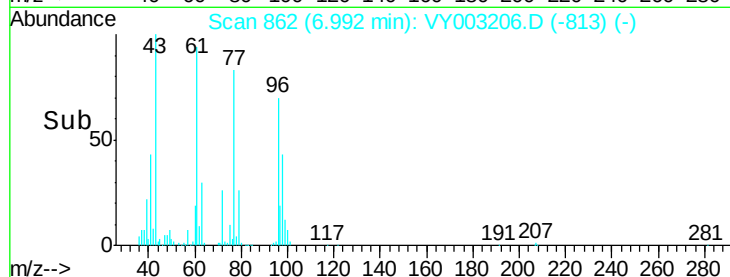
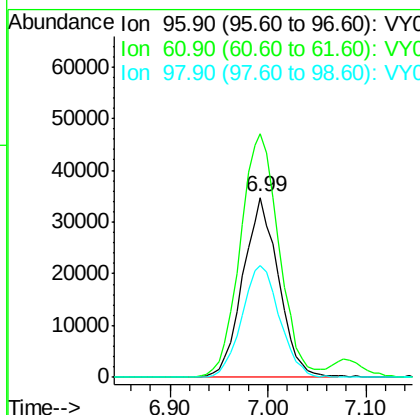
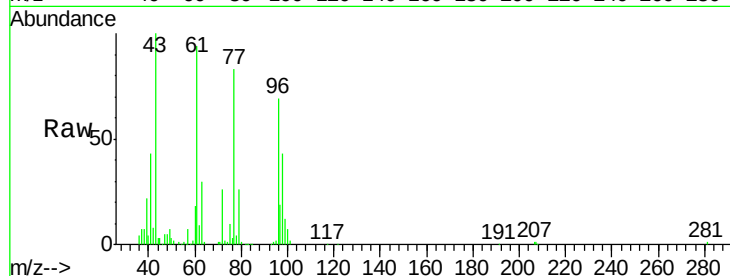
cis-1,2-Dichloroethene
Concen: 19.371 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	281.2
98	65.5	0.0	129.8

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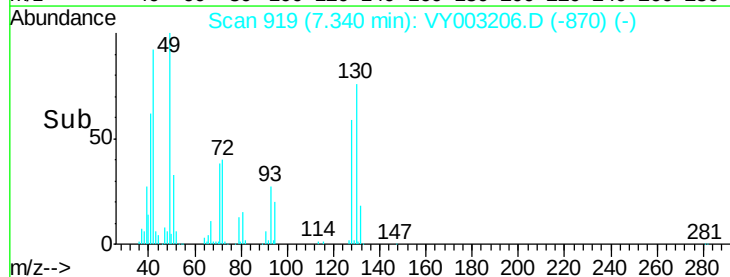
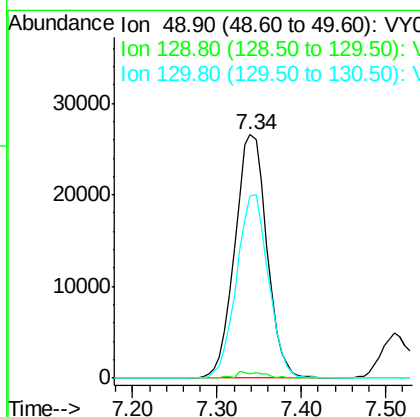
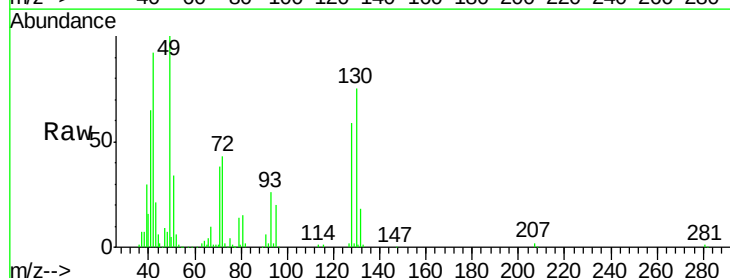
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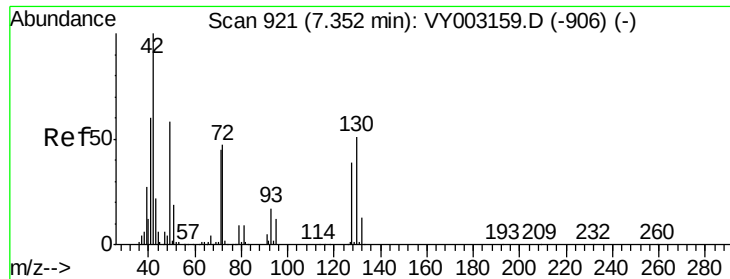


#28

Bromochloromethane
Concen: 22.629 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	74.9	64.9	97.3





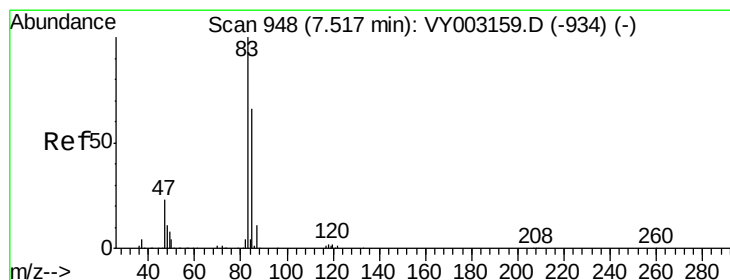
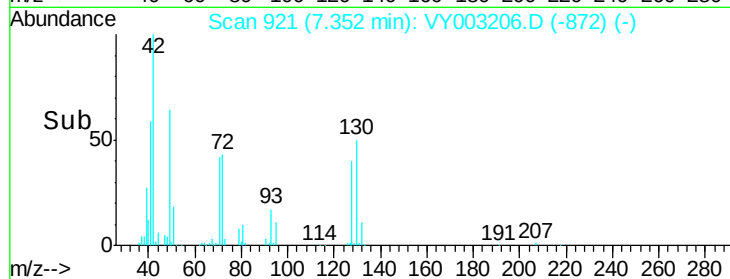
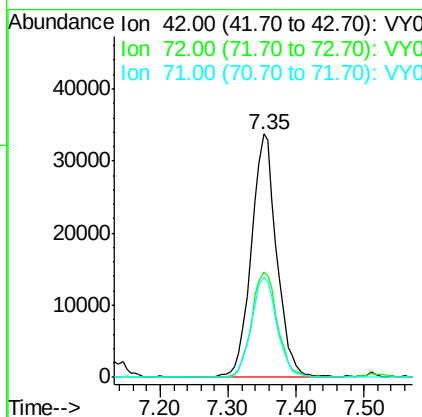
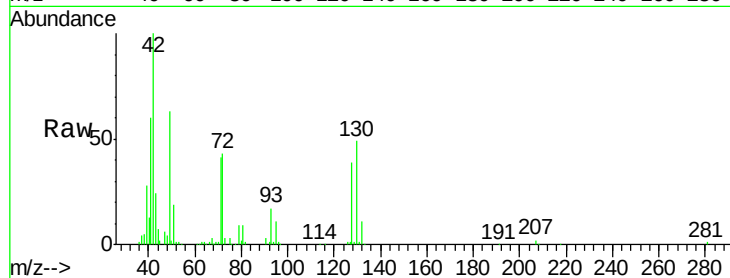
#29
Tetrahydrofuran
Concen: 96.286 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	36.7	55.1
71	41.3	34.2	51.4

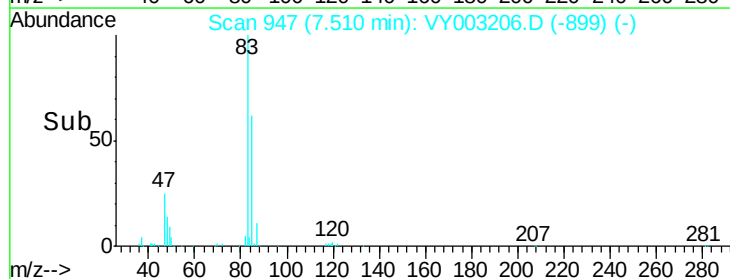
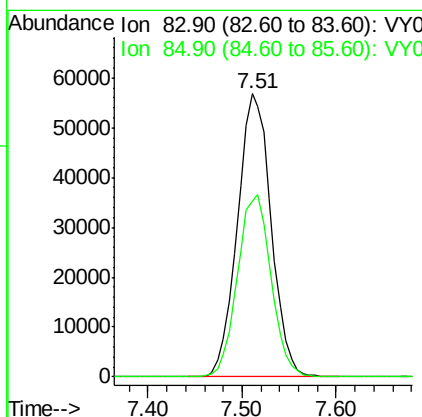
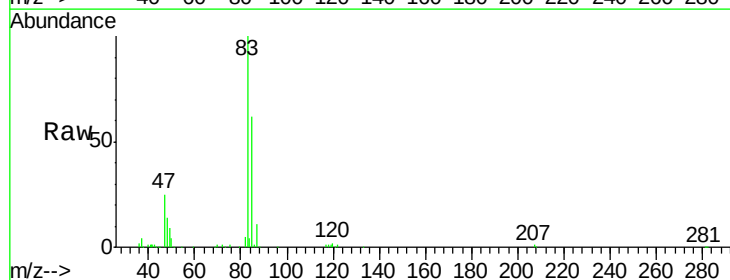
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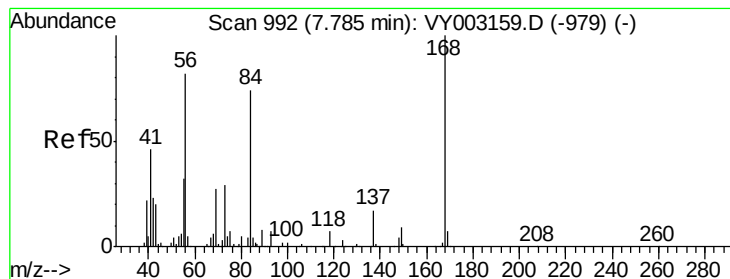
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#30
Chloroform
Concen: 19.772 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.6	78.8





#31

Cyclohexane

Concen: 21.098 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 56 Resp: 142079

Ion Ratio Lower Upper

56 100

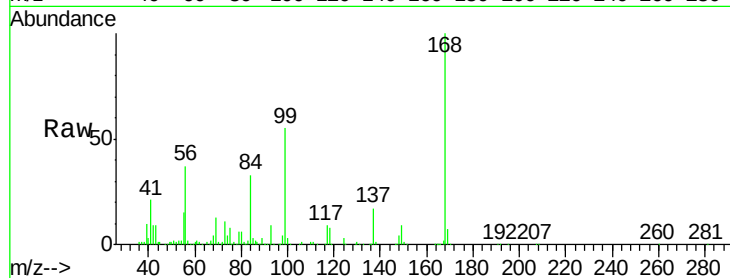
69 35.6 26.7 40.1

84 86.0 72.3 108.5

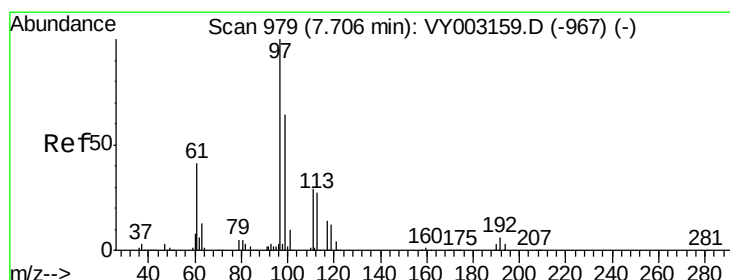
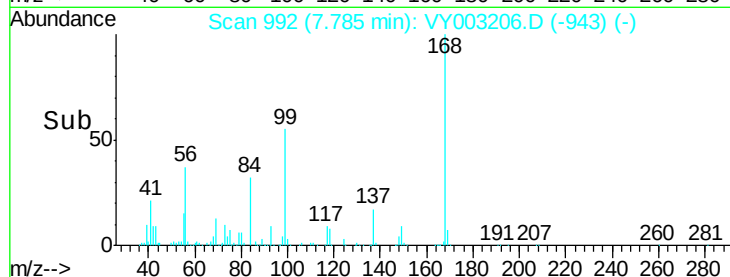
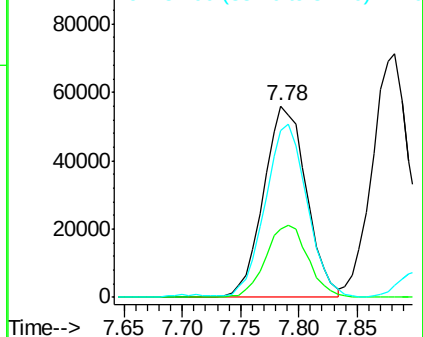
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.221 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

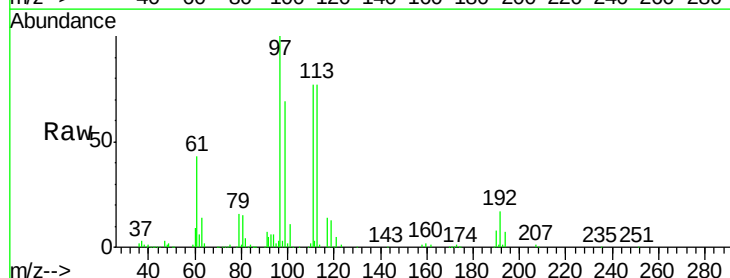
Tgt Ion: 97 Resp: 130569

Ion Ratio Lower Upper

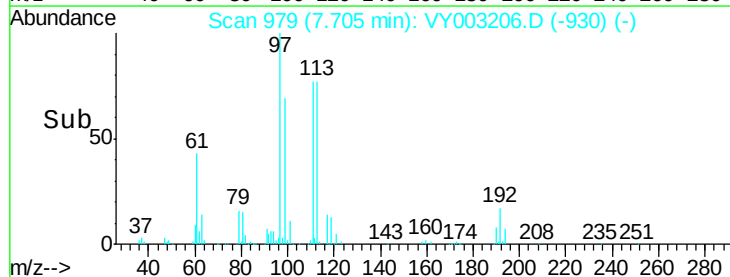
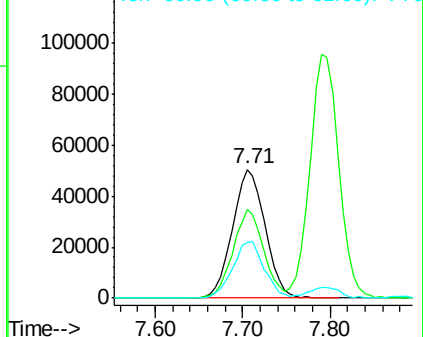
97 100

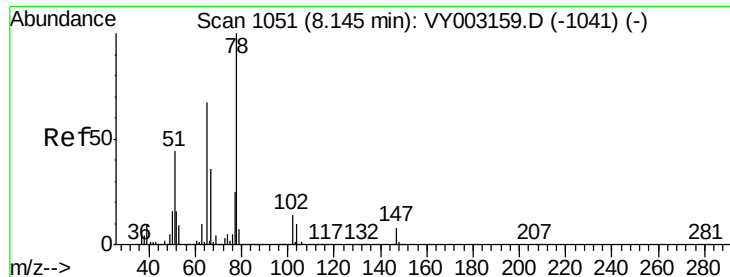
99 65.0 52.1 78.1

61 42.8 33.9 50.9



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





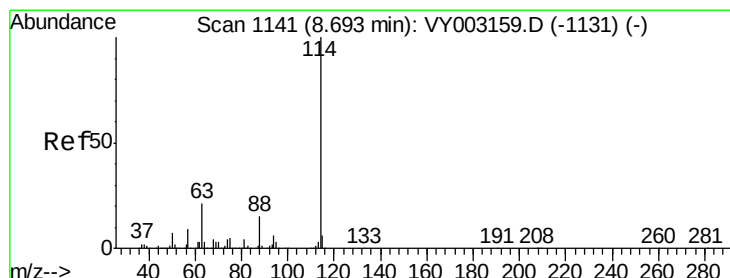
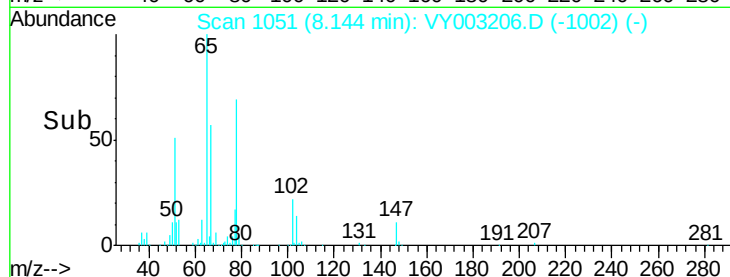
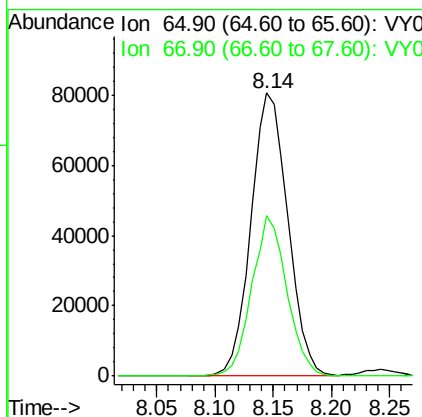
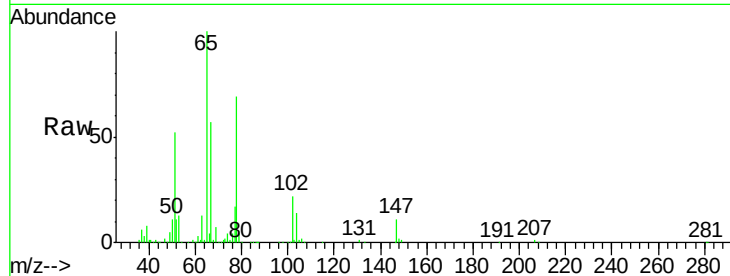
#33
 1,2-Dichloroethane-d4
 Concen: 47.865 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.1	0.0	105.2	

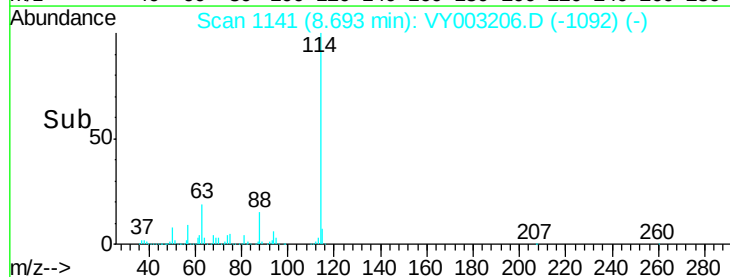
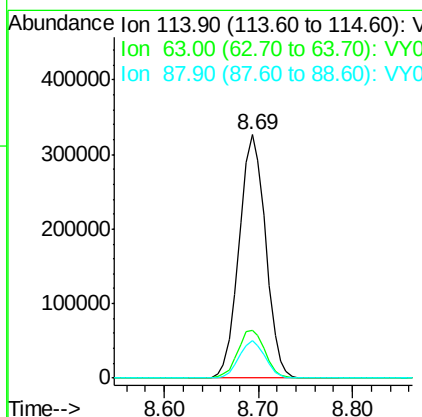
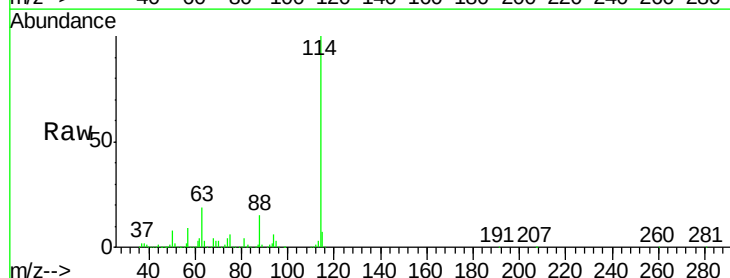
Manual Integrations
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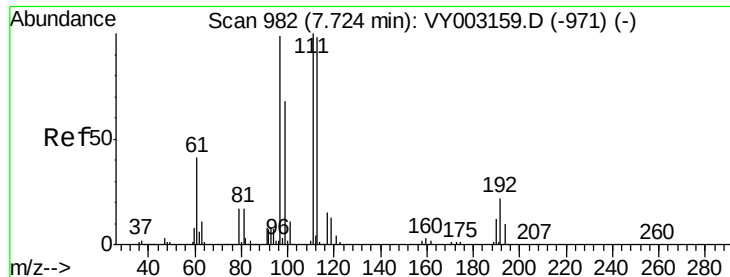
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.4	0.0	41.2	
88	15.2	0.0	30.2	





#35

Dibromofluoromethane

Concen: 47.247 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

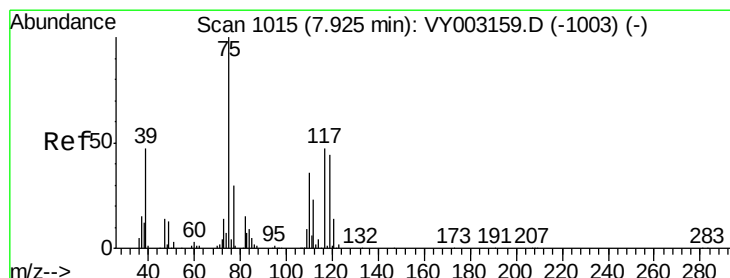
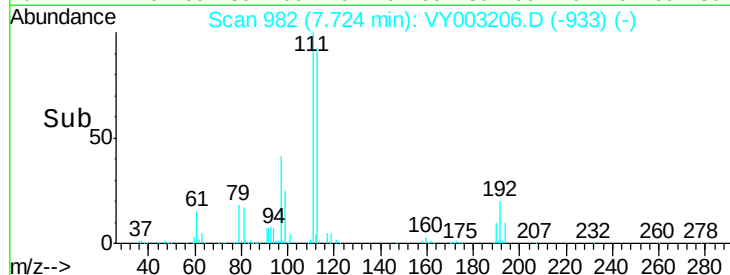
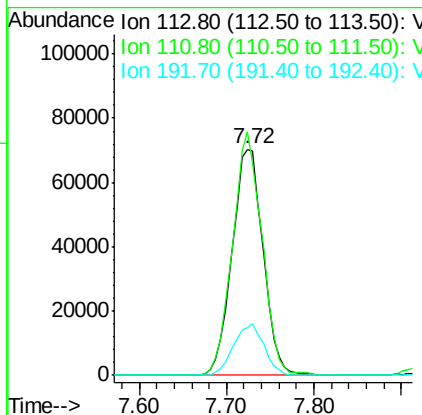
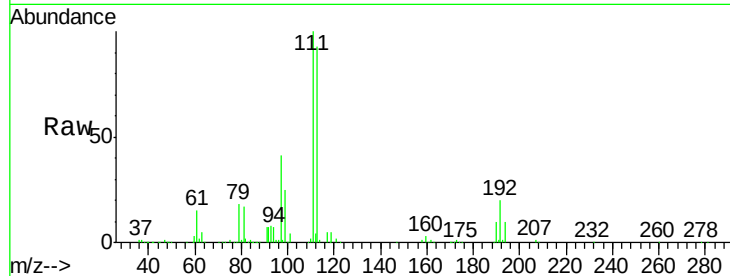
ClientSampleId :

VY0716SBS01

Tot Ion:	113	Resp:	173674
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.1	123.1
192	22.5	18.8	28.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.890 ug/l

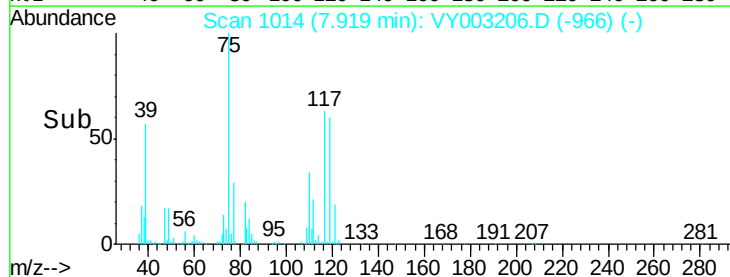
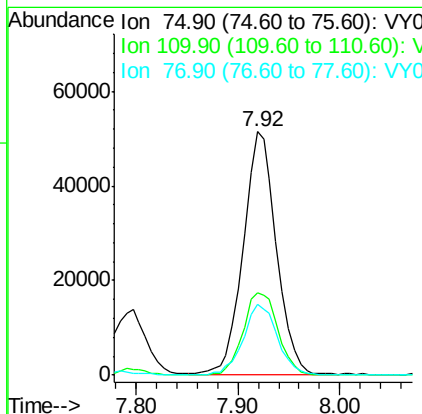
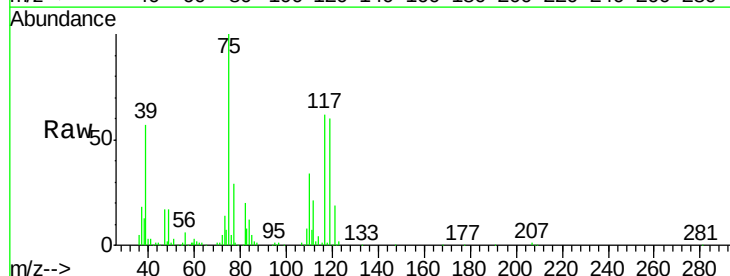
RT: 7.92 min Scan# 1014

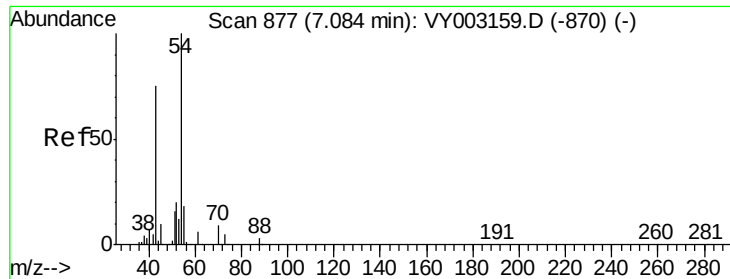
Delta R.T. -0.01 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Tgt Ion:	75	Resp:	115147
Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.1	54.1
77	30.6	24.8	37.2





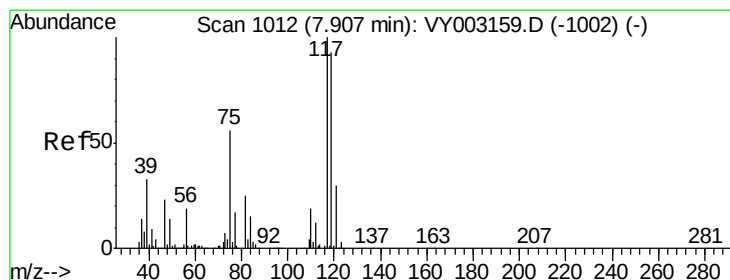
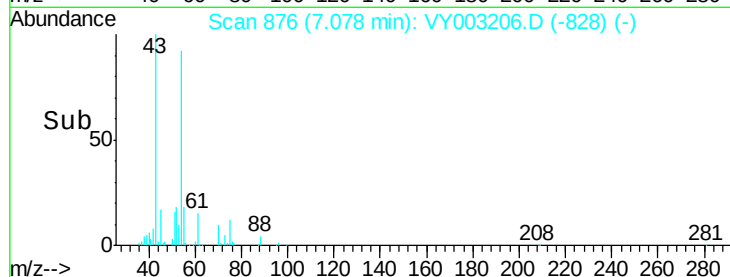
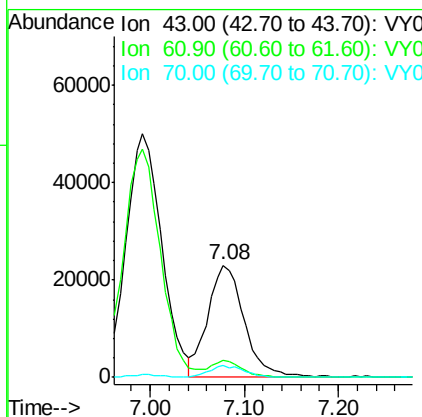
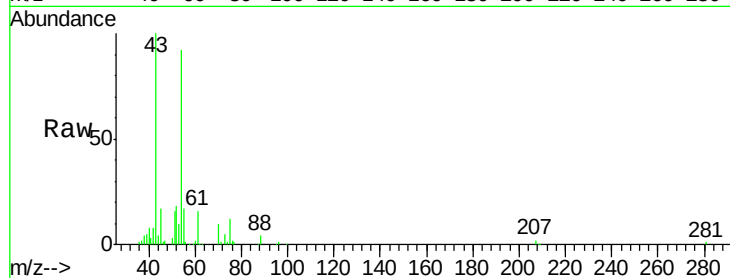
#37
Ethyl Acetate
Concen: 19.652 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	11.8	17.6
70	10.0	8.6	13.0

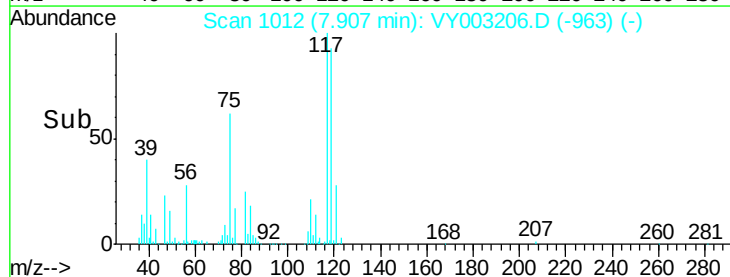
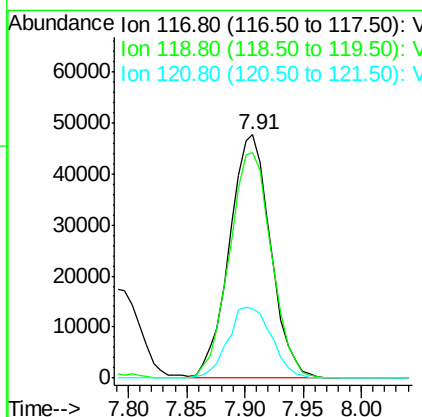
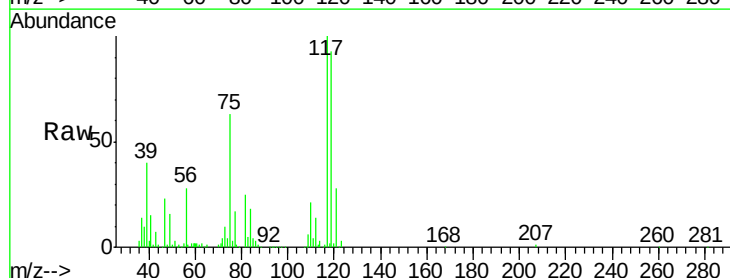
Manual Integrations
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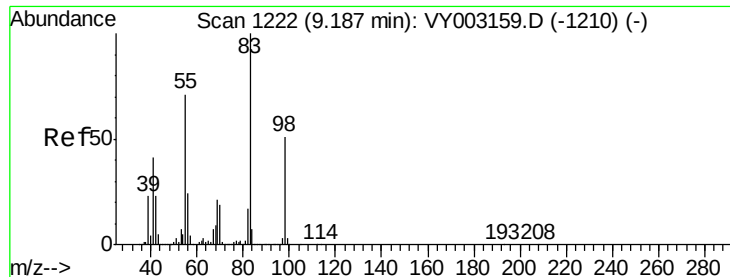
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#38
Carbon Tetrachloride
Concen: 19.532 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	74.5	111.7
121	28.4	24.2	36.2





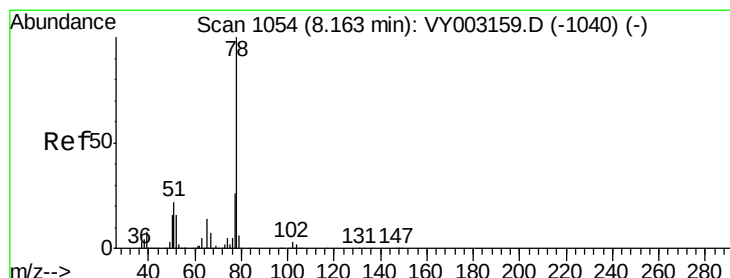
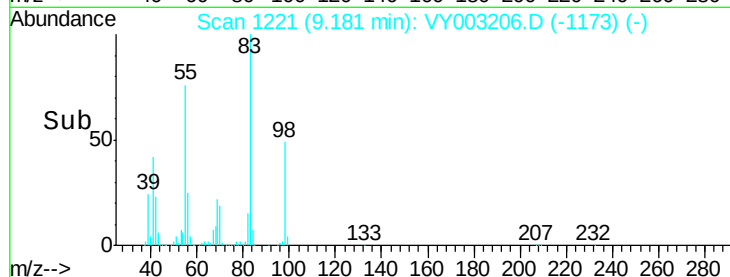
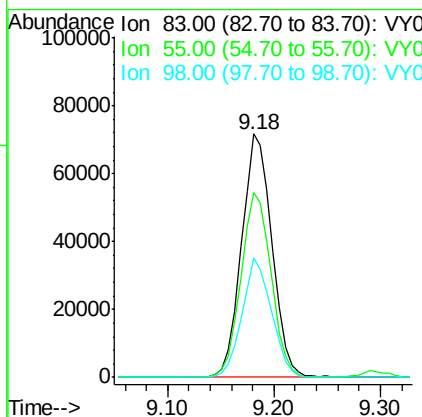
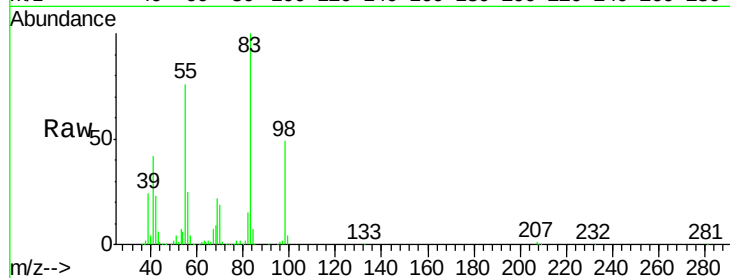
#39
Methylvlcyclohexane
Concen: 19.774 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	57.2	85.8
98	49.2	41.0	61.6

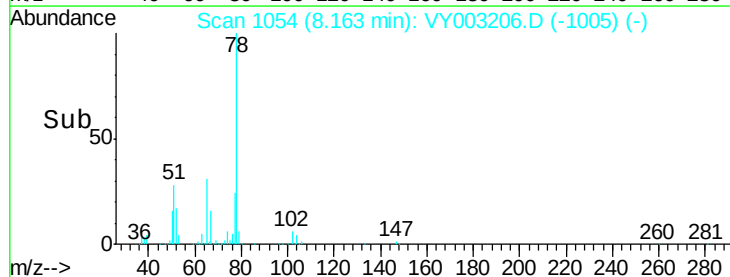
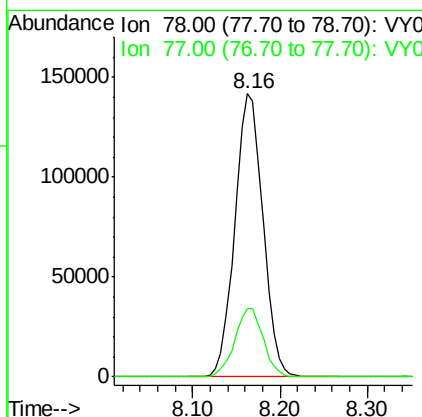
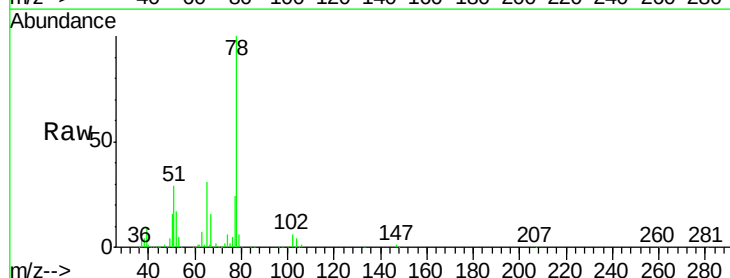
Manual Integrations
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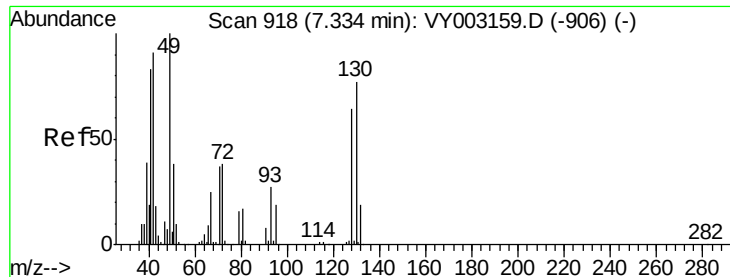
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#40
Benzene
Concen: 19.864 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	20.7	31.1





#41

Methacrylonitrile

Concen: 17.055 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.01 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 41 Resp: 32025

Ion Ratio Lower Upper

41 100

39 0.0 83.3 124.9#

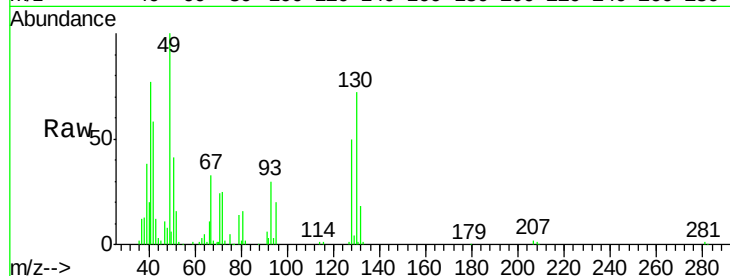
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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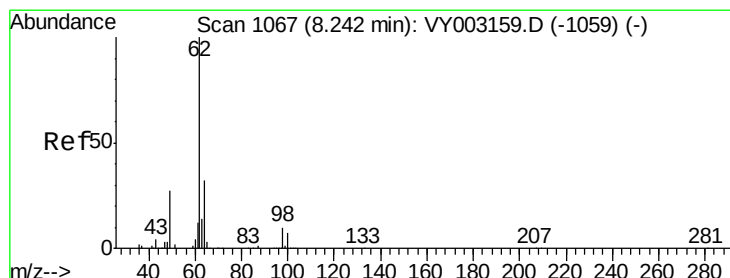
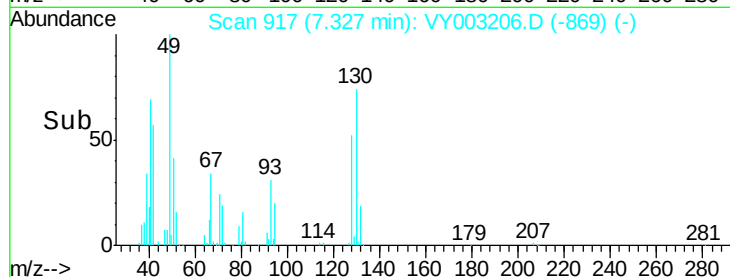
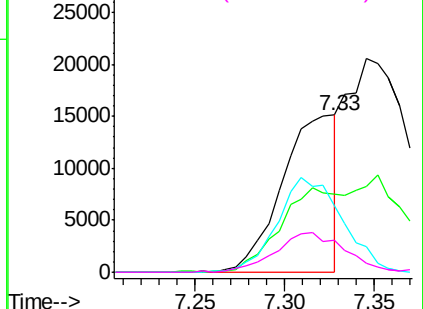


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 19.348 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY003206.D

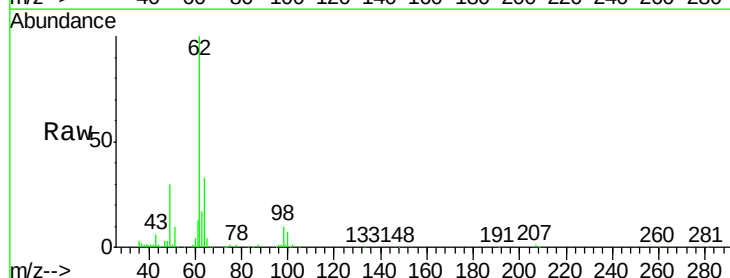
Acq: 16 Jul 2020 13:39

Tgt Ion: 62 Resp: 94951

Ion Ratio Lower Upper

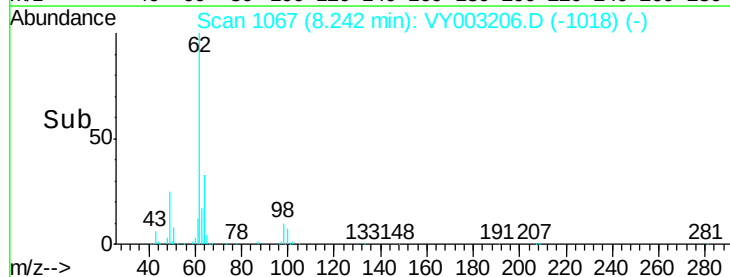
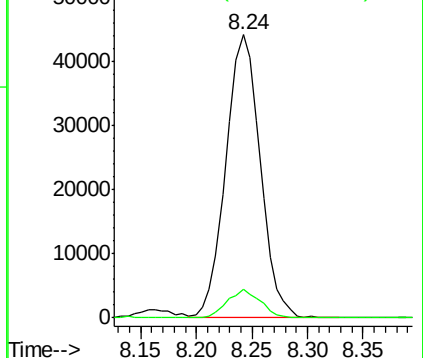
62 100

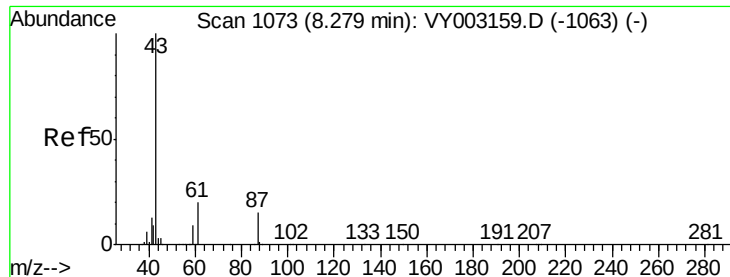
98 9.8 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 19.156 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

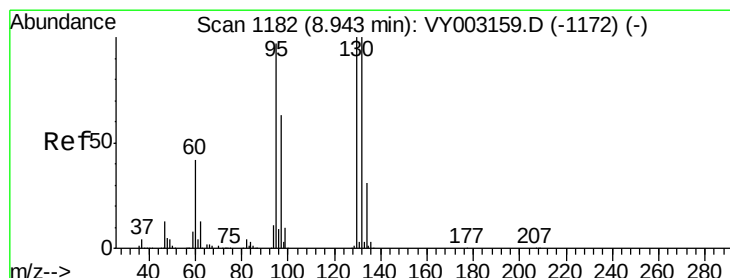
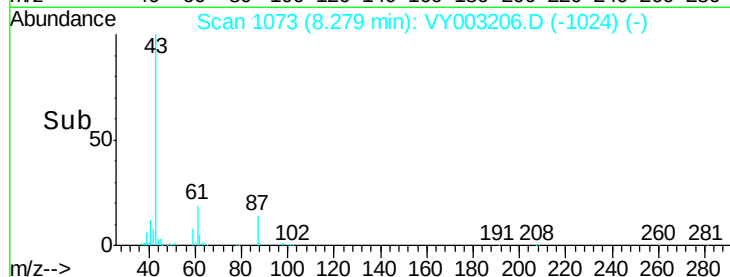
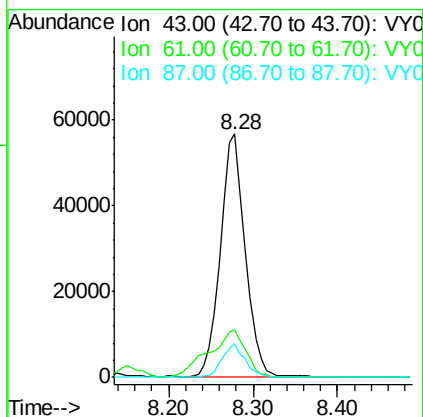
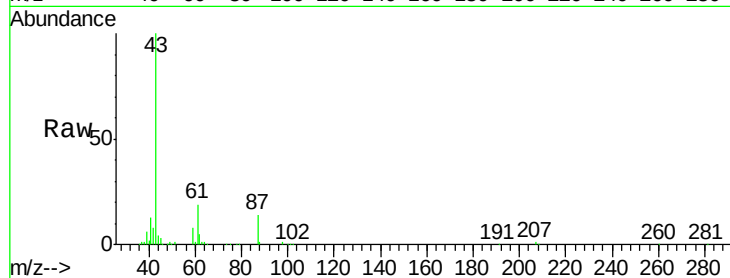
ClientSampleId :

VY0716SBS01

Tot Ion:	43	Resp:	115601
Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.7	35.5
87	12.7	11.4	17.0

Manual Integrations
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MMDadoda
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#44

Trichloroethene

Concen: 18.866 ug/l

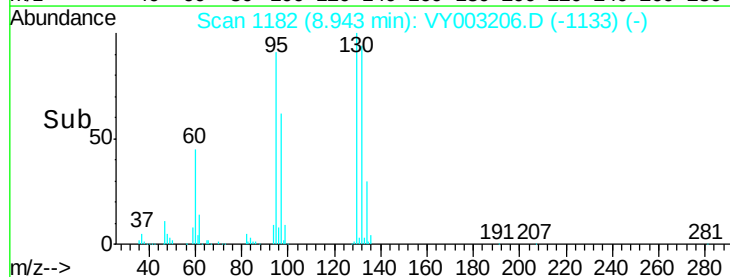
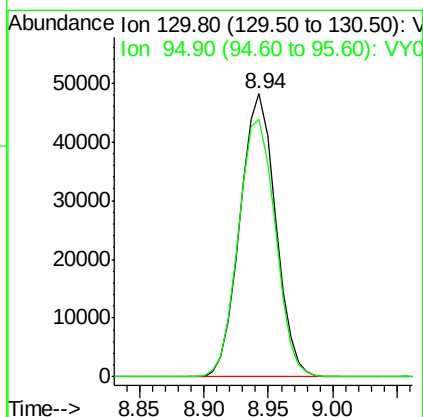
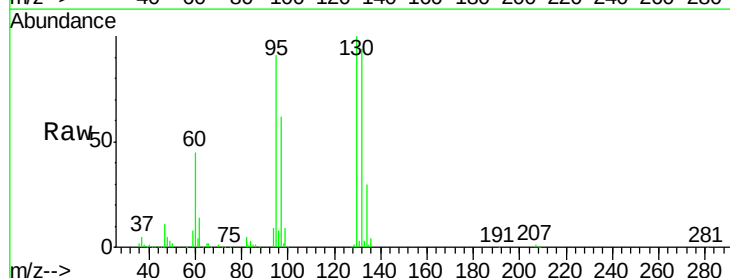
RT: 8.94 min Scan# 1182

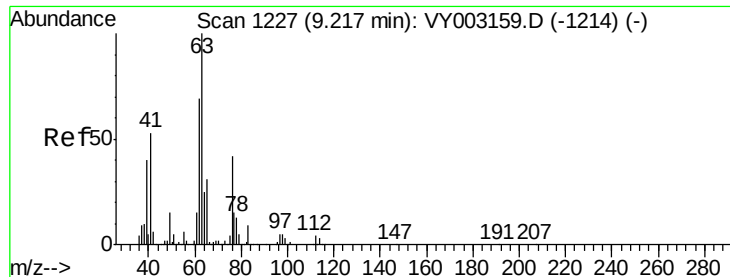
Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Tgt Ion:	130	Resp:	92190
Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	193.8





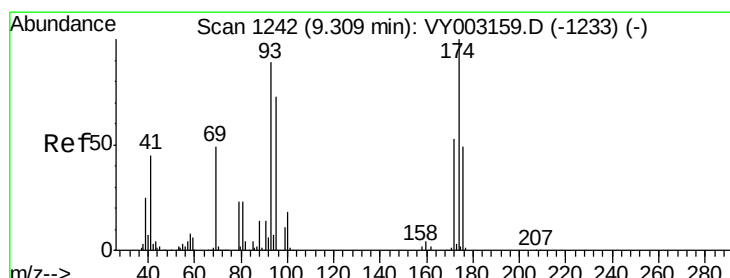
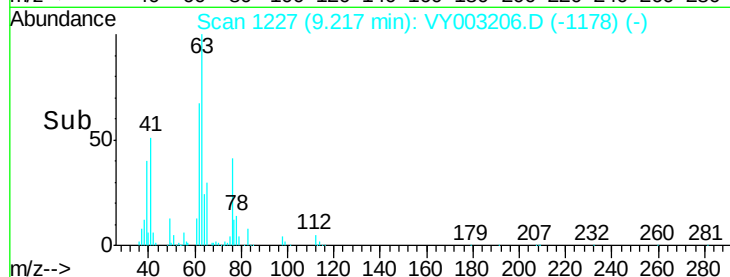
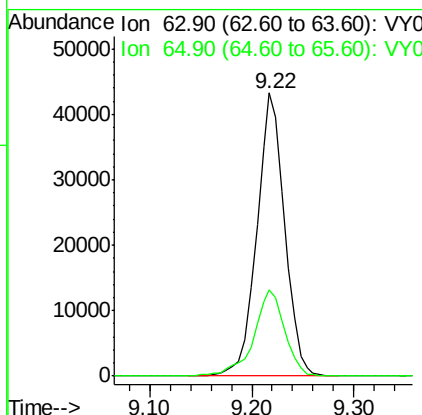
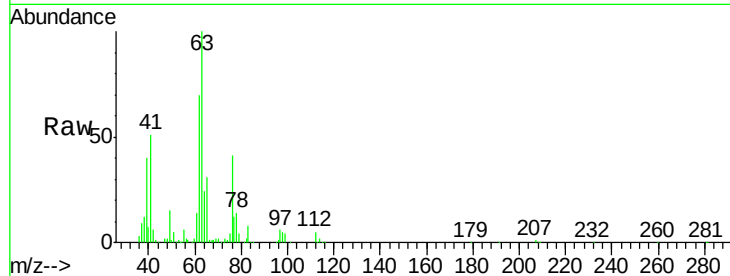
#45
 1,2-Dichloropropane
 Concen: 19.858 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	25.0	37.4

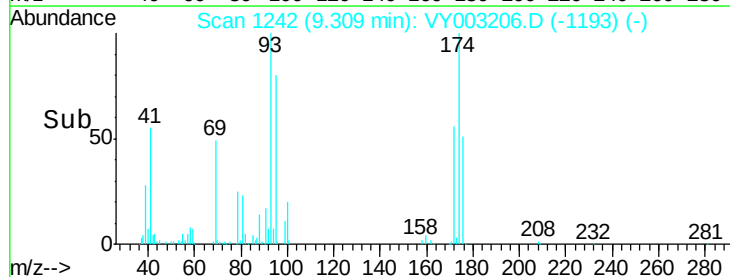
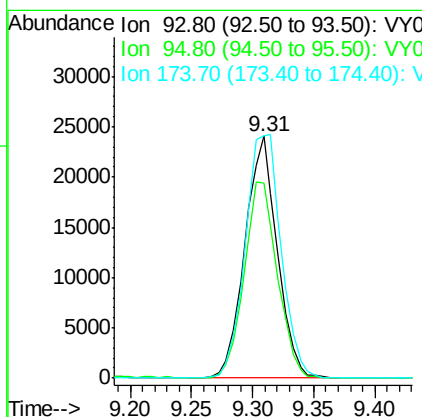
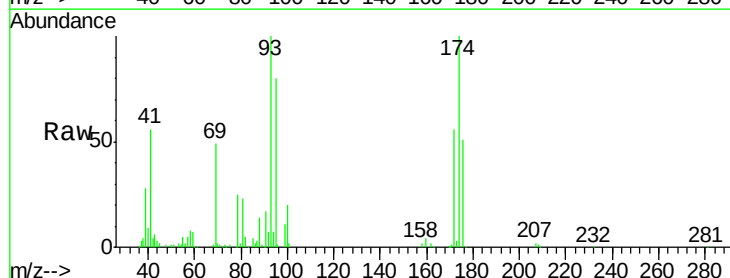
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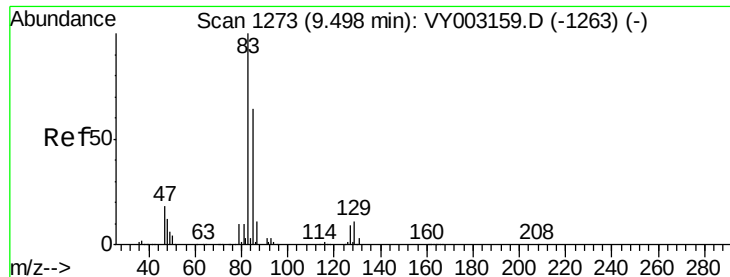
MMDadoda
 7/17/2020 4:43:09 PM



#46
 Dibromomethane
 Concen: 18.343 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	66.6	99.8
174	112.2	90.2	135.4





#47

Bromodichloromethane

Concen: 19.340 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

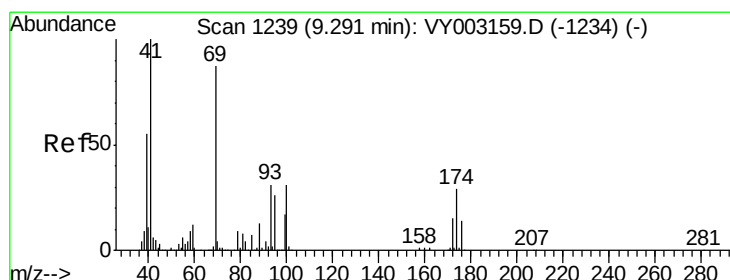
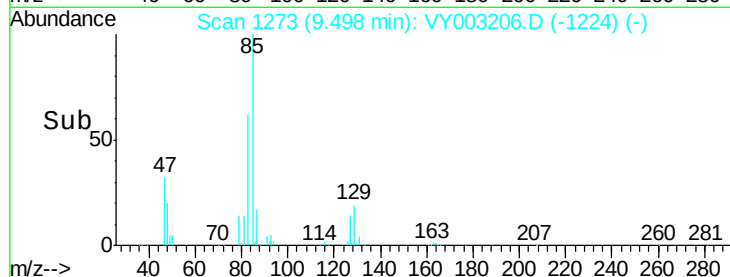
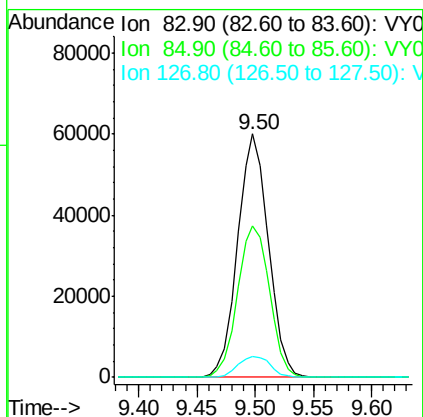
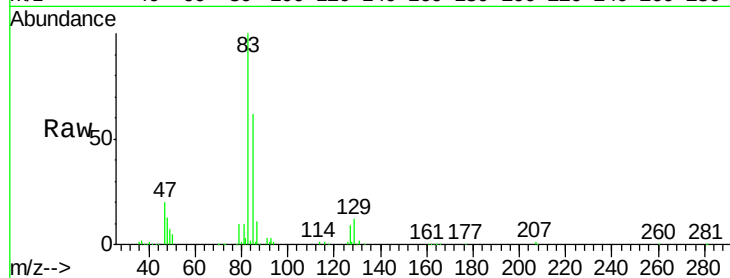
ClientSampleId :

VY0716SBS01

Tot Ion:	83	Resp:	110814
Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.9	76.3
127	8.7	7.0	10.4

Manual Integrations
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MMDadoda
7/17/2020 4:43:09 PM



#48

Methyl methacrylate

Concen: 19.955 ug/l

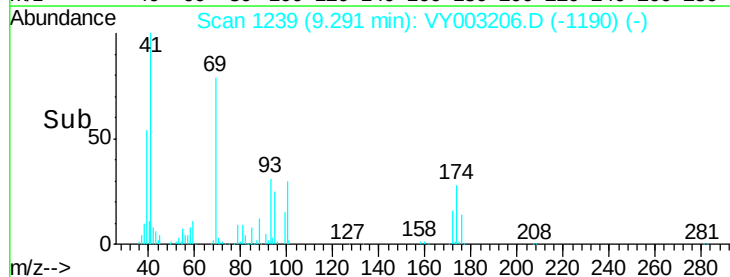
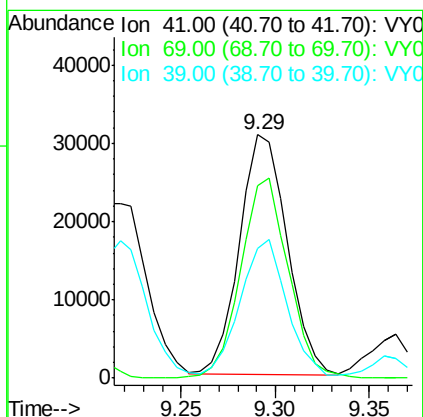
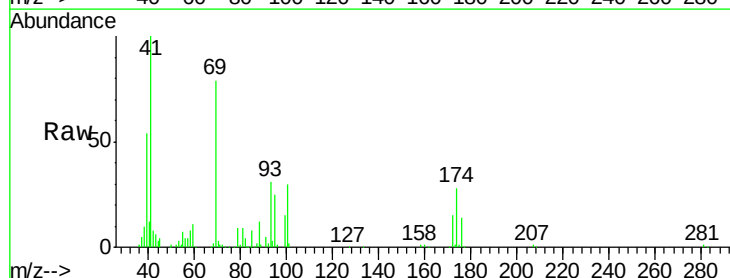
RT: 9.29 min Scan# 1239

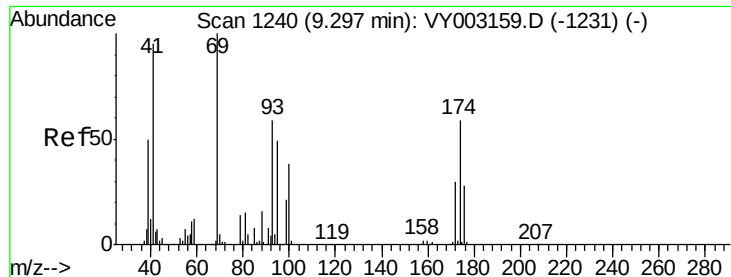
Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Tgt Ion:	41	Resp:	53836
Ion	Ratio	Lower	Upper
41	100		
69	83.4	74.5	111.7
39	57.4	47.5	71.3





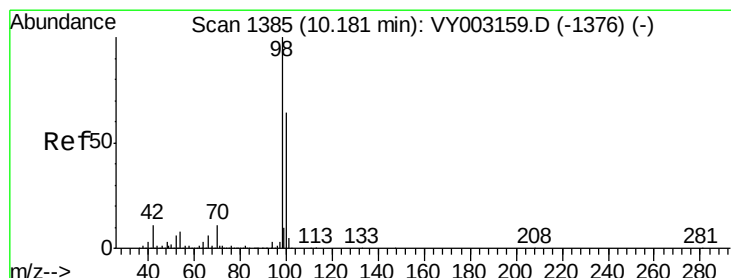
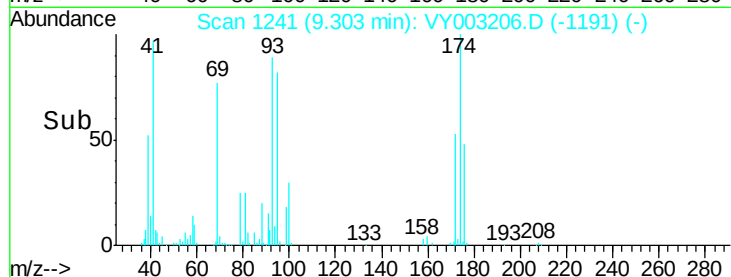
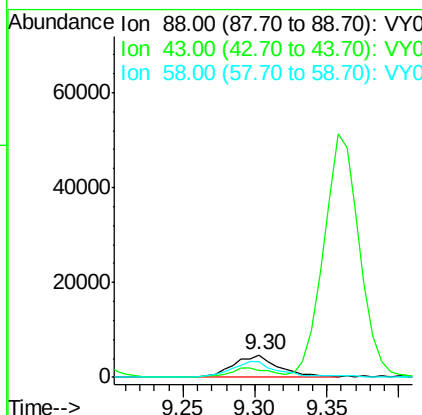
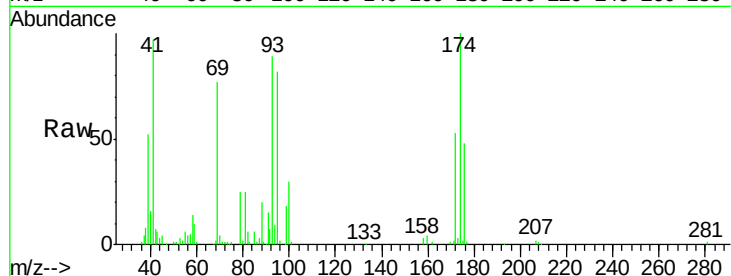
#49
1,4-Dioxane
Concen: 330.692 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	88	Resp	10111
Ion	Ratio	Lower	Upper
88	100		
43	37.8	25.6	38.4
58	71.4	47.8	71.6

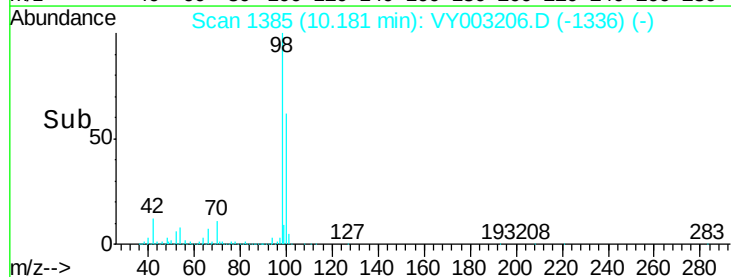
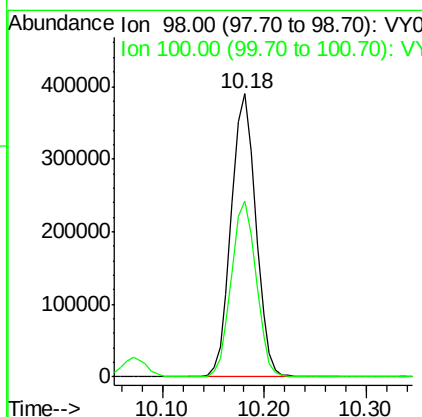
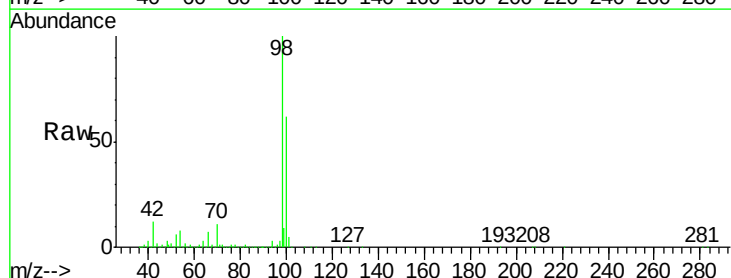
Manual Integrations
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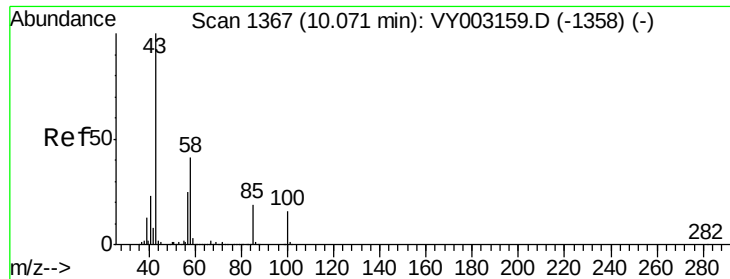
MMDadoda
7/17/2020 4:43:09 PM



#50
Toluene-d8
Concen: 47.584 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	98	Resp	650301
Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.7	76.1





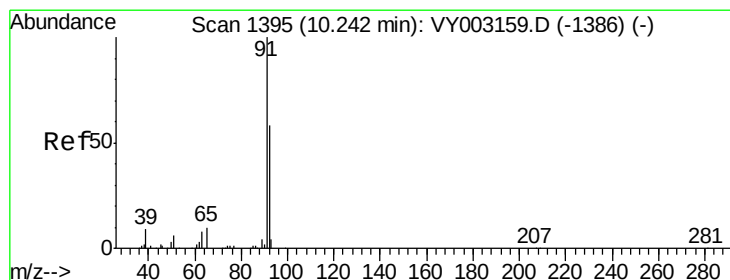
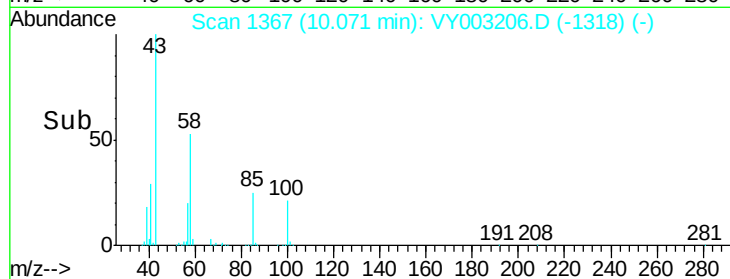
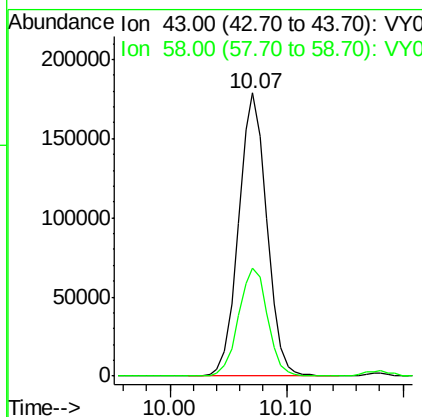
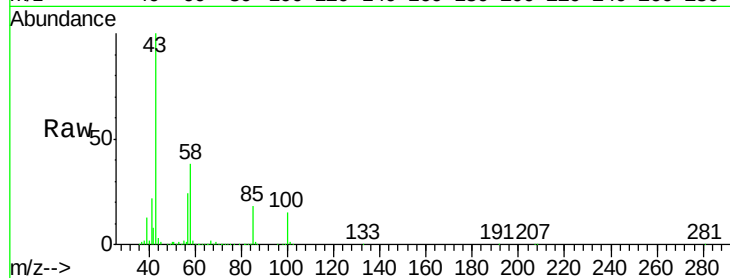
#51
4-Methyl-2-Pentanone
Concen: 95.971 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	43	Resp	301028
Ion Ratio	43	100	
Lower	58	39.2	32.7
Upper			49.1

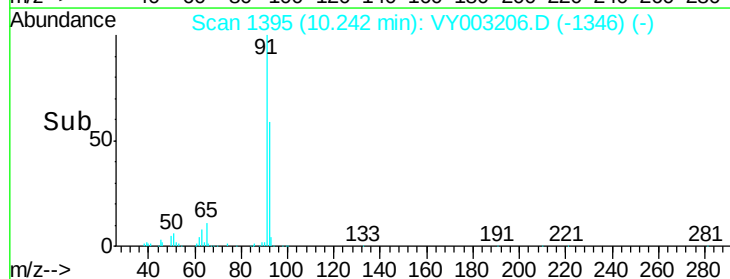
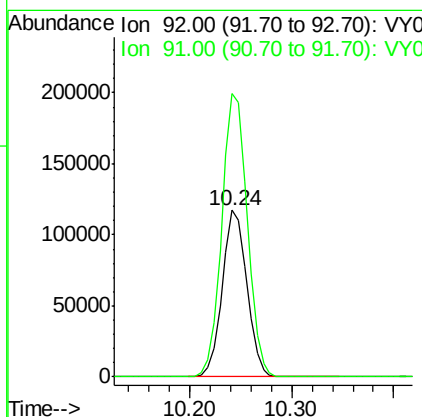
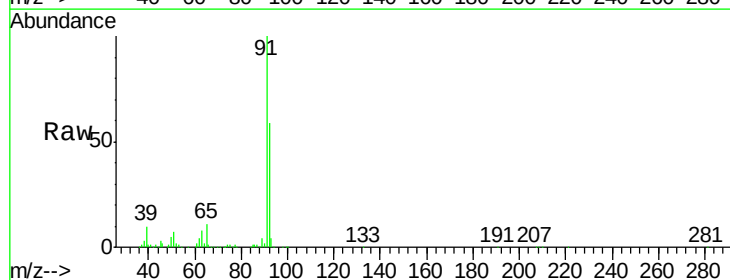
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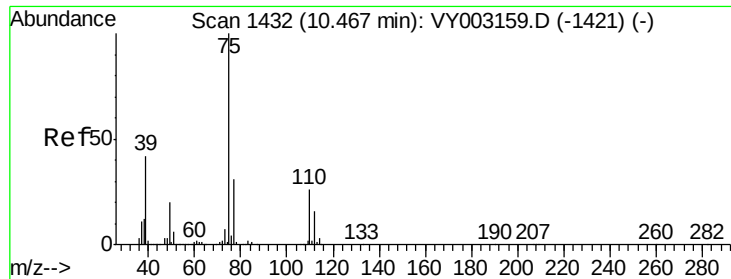
MMDadoda
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#52
Toluene
Concen: 19.298 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	92	Resp	196623
Ion Ratio	92	100	
Lower	91	176.0	139.7
Upper			209.5





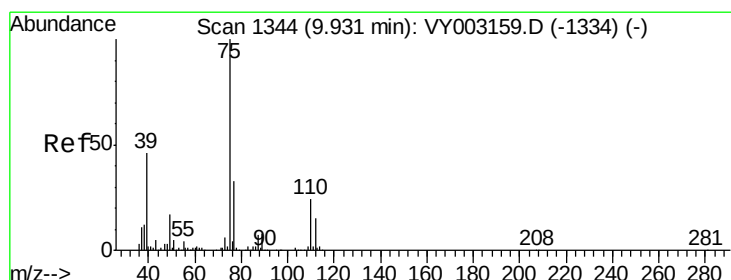
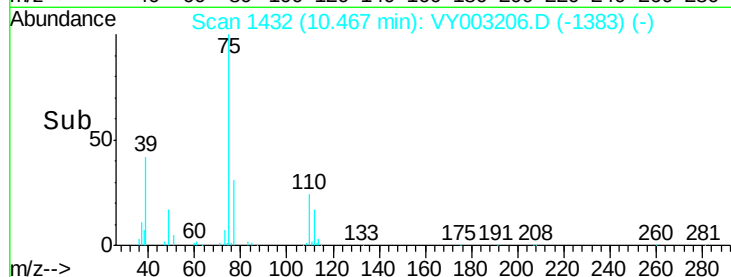
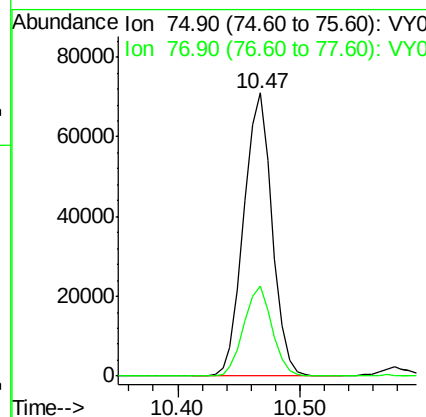
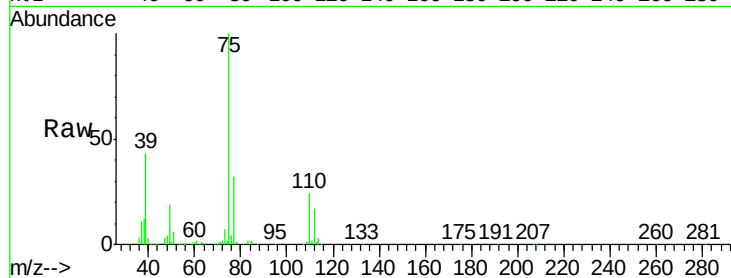
#53
t-1,3-Dichloropropene
Concen: 19.178 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.2	37.8

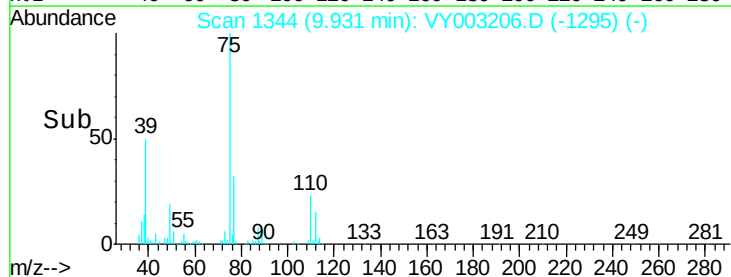
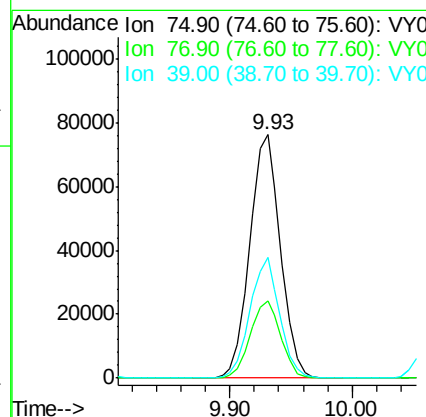
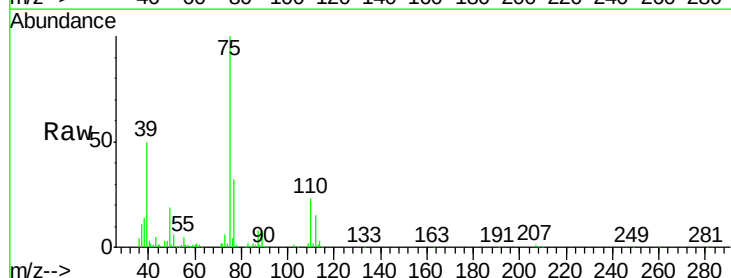
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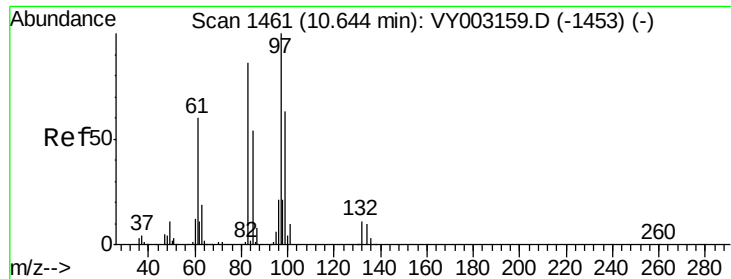
MMDadoda
7/17/2020 4:43:09 PM



#54
cis-1,3-Dichloropropene
Concen: 19.375 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.7	40.1
39	49.5	37.0	55.6





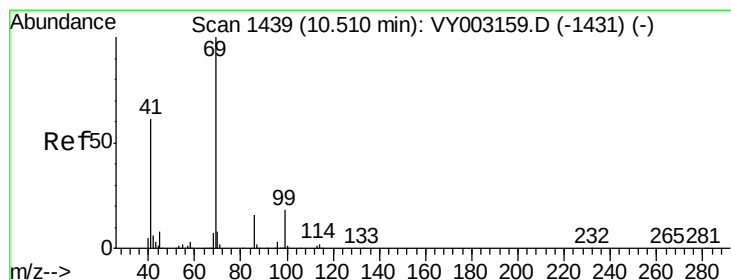
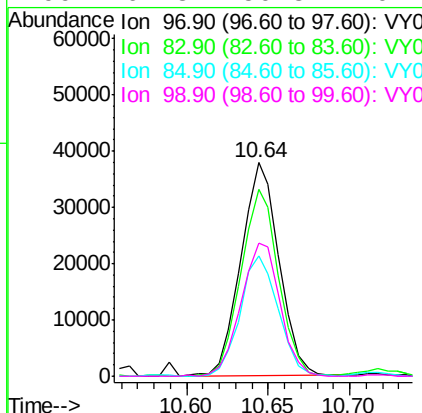
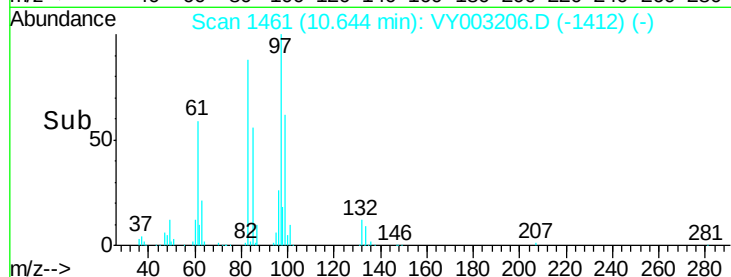
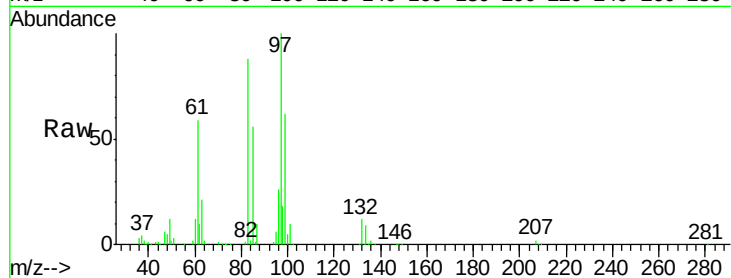
#55
 1,1,2-Trichloroethane
 Concen: 18.083 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Tot Ion:	97	Resp:	61731
Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.8	103.2
85	56.2	43.1	64.7
99	62.3	50.8	76.2

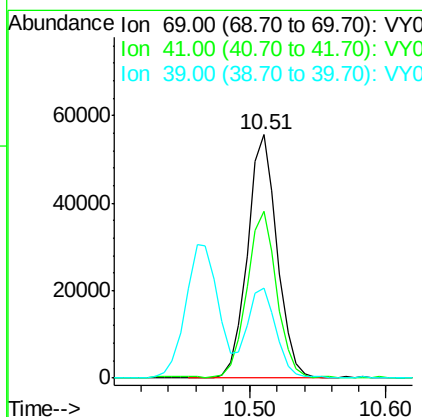
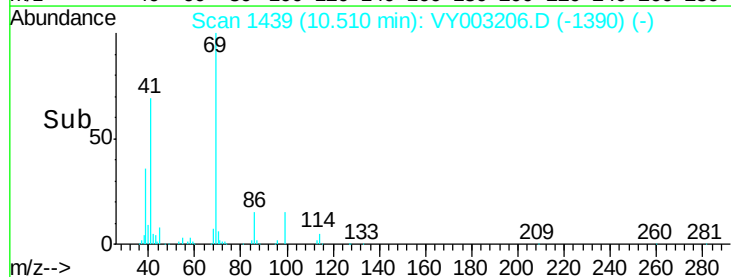
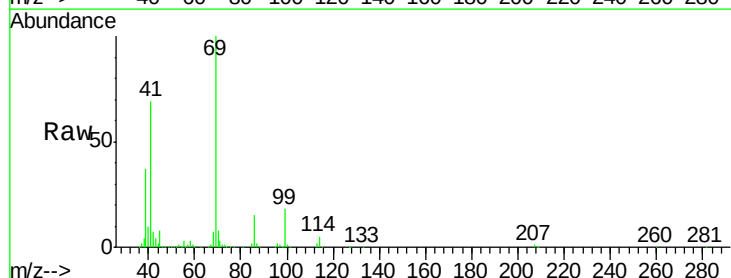
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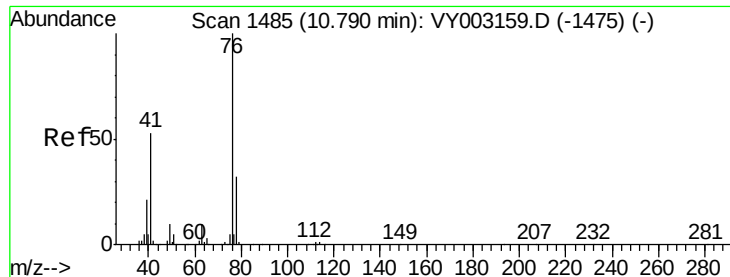
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#56
 Ethyl methacrylate
 Concen: 18.308 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Tgt Ion:	69	Resp:	84972
Ion	Ratio	Lower	Upper
69	100		
41	68.3	50.0	75.0
39	36.7	27.6	41.4





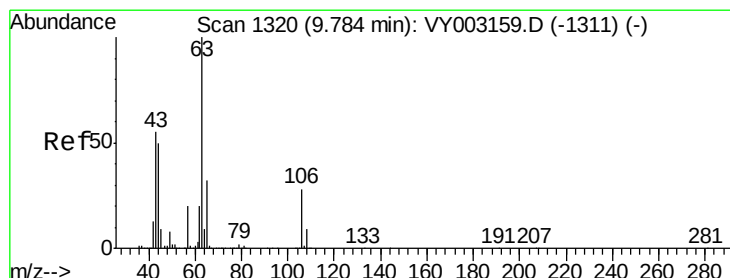
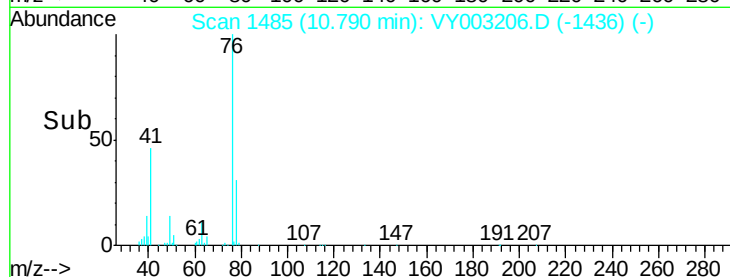
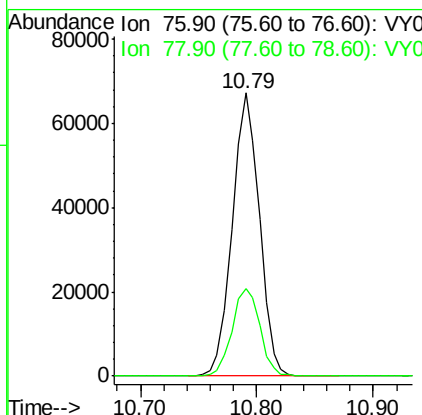
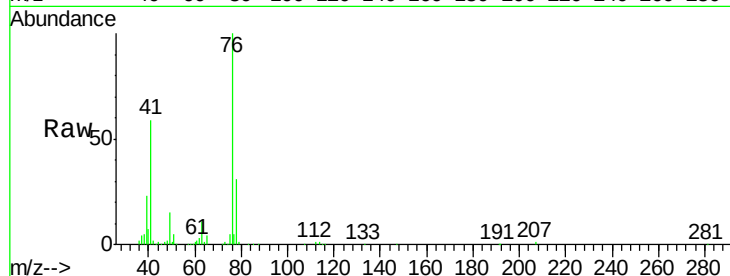
#57
 1,3-Dichloropropane
 Concen: 18.824 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.0	39.0

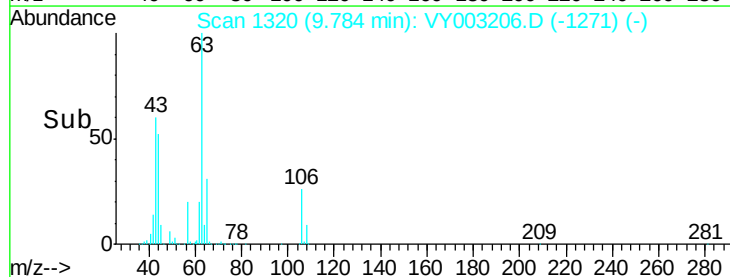
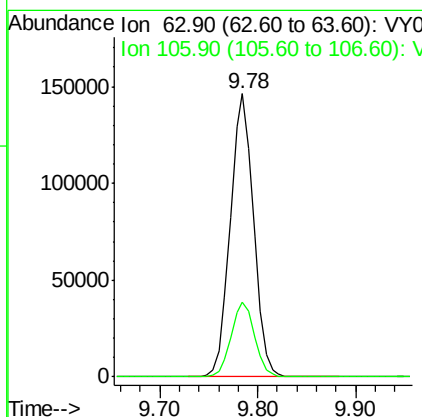
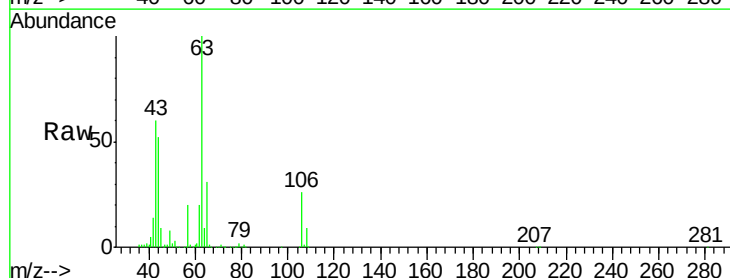
Manual Integrations
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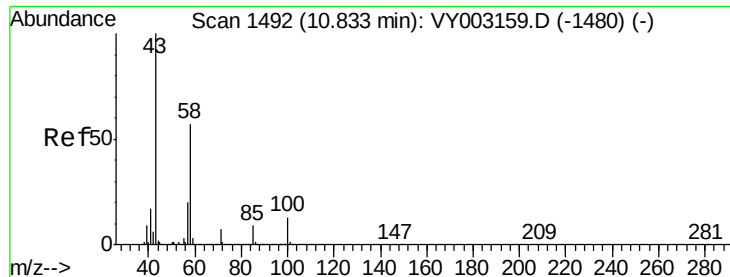
MMDadoda
 7/17/2020 4:43:09 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.883 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.5	22.9	34.3





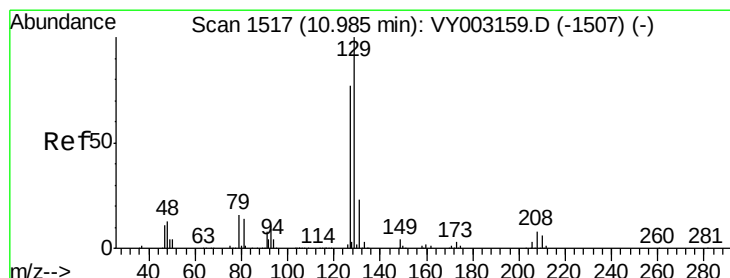
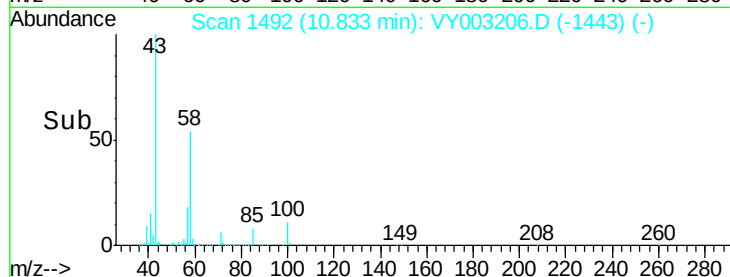
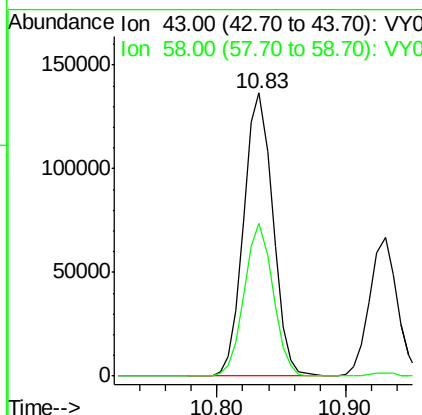
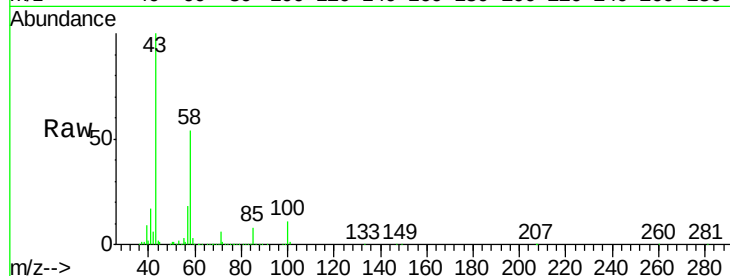
#59
2-Hexanone
Concen: 97.796 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.2	28.3	85.0

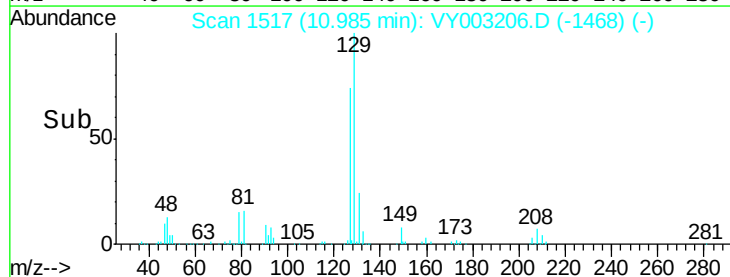
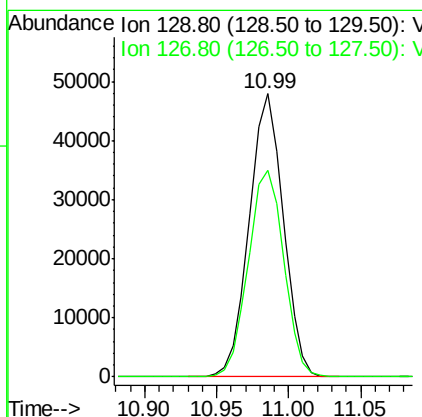
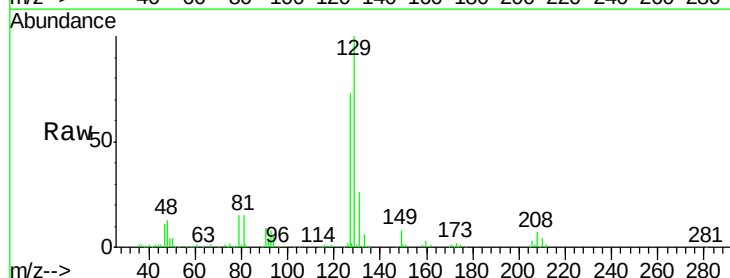
Manual Integrations
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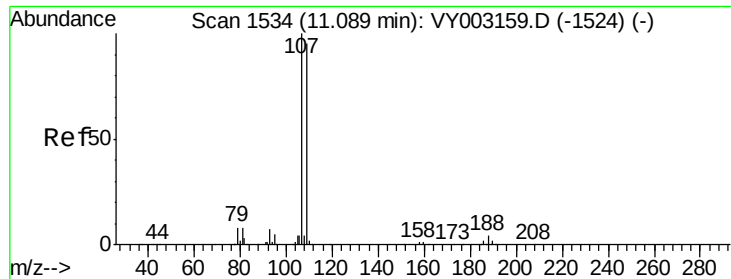
MMDadoda
7/17/2020 4:43:09 PM



#60
Dibromochloromethane
Concen: 18.285 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.8	38.5	115.5





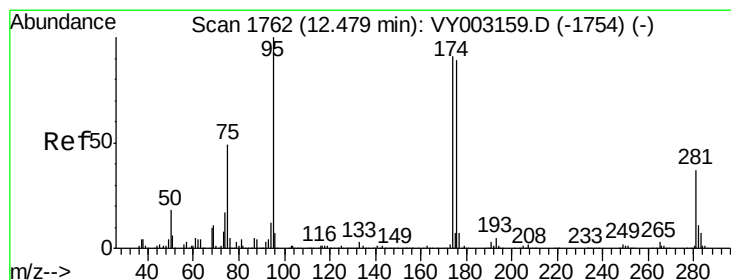
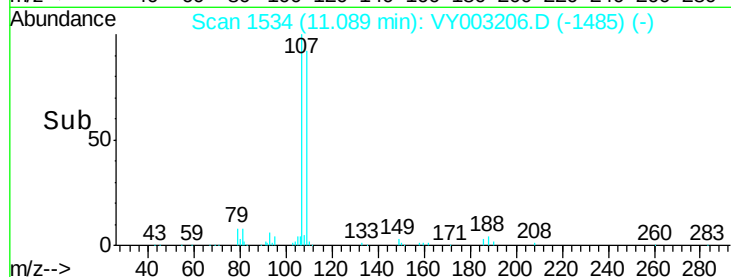
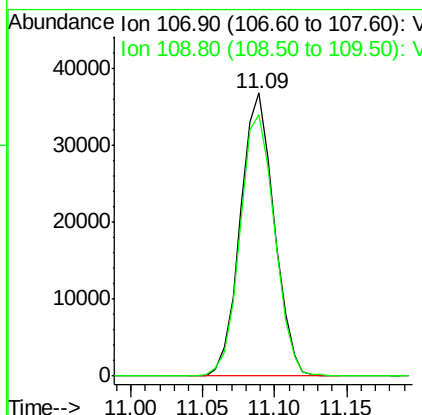
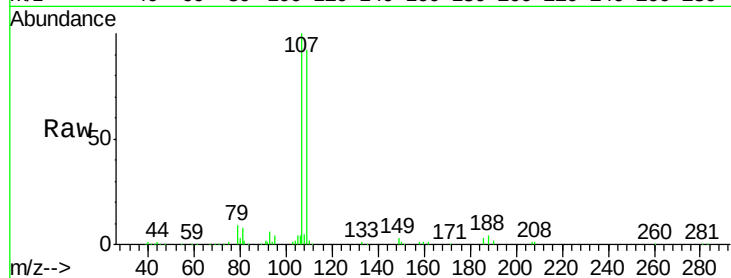
#61
 1,2-Dibromoethane
 Concen: 17.713 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.6	113.4

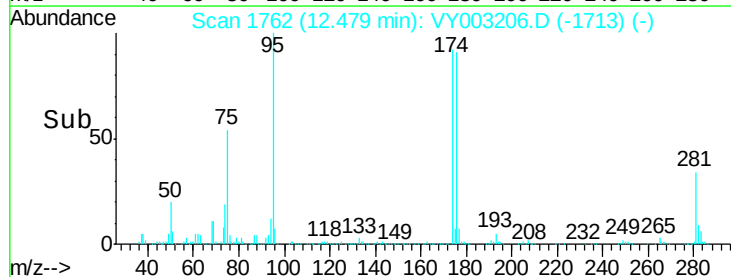
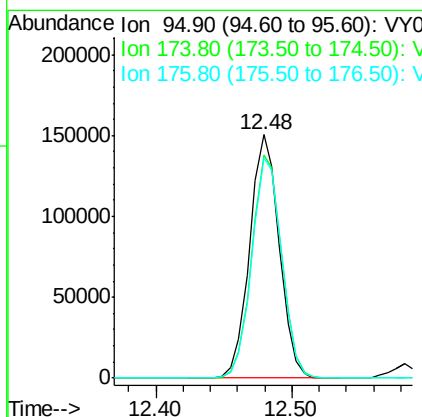
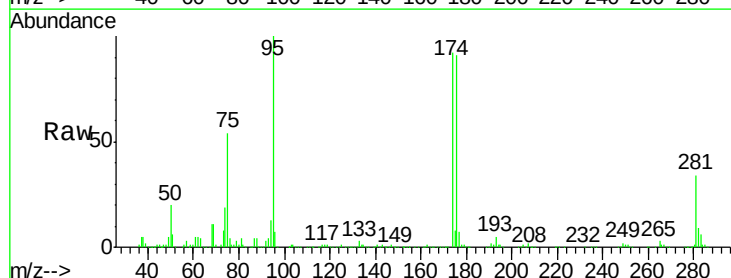
Manual Integrations
 APPROVED

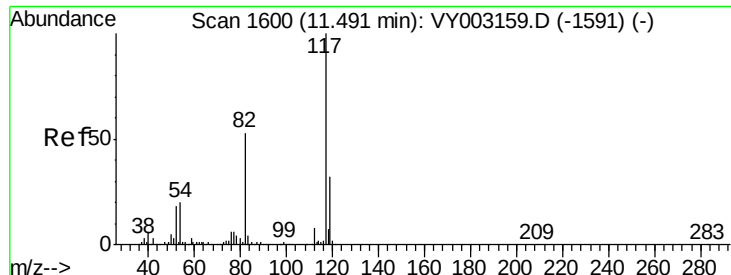
MMDadoda
 7/17/2020 4:43:09 PM



#62
 4-Bromofluorobenzene
 Concen: 46.570 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	190.6
176	91.4	0.0	186.4





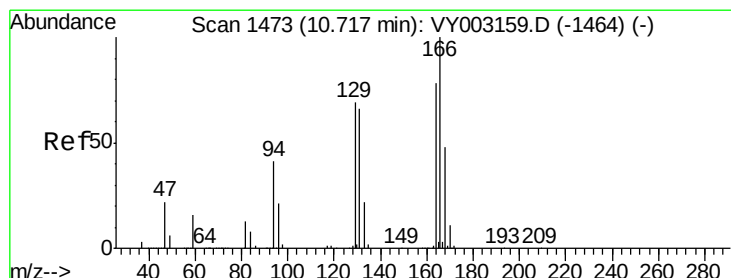
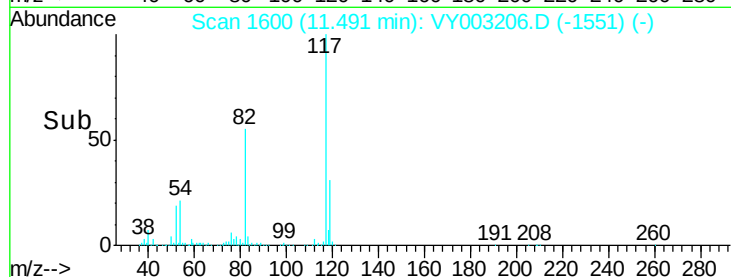
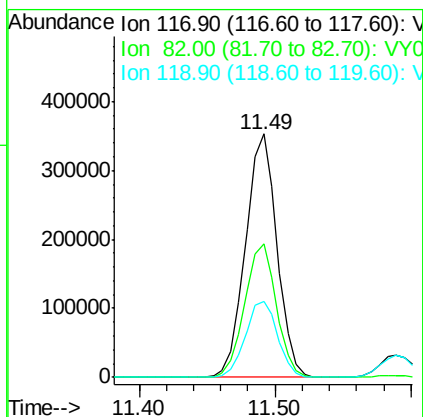
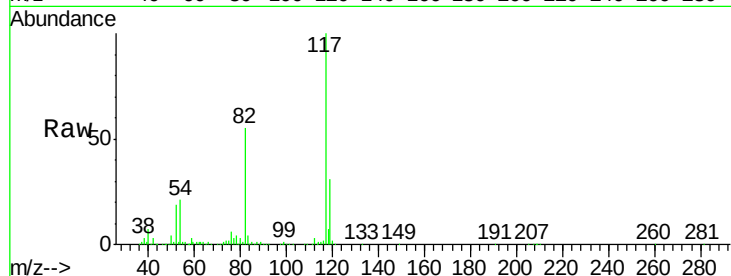
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.0	63.0
119	31.0	25.5	38.3

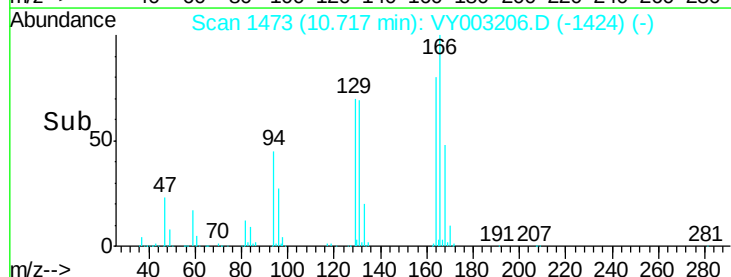
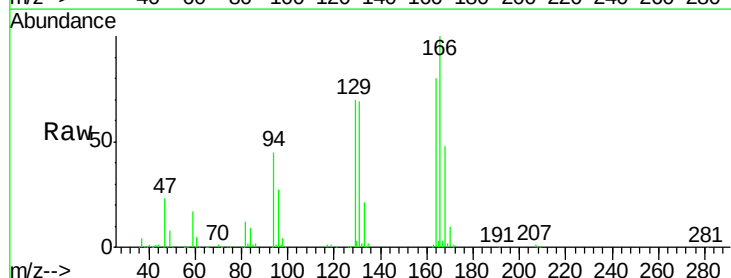
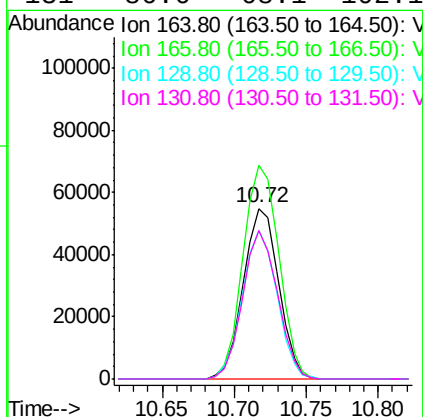
Manual Integrations
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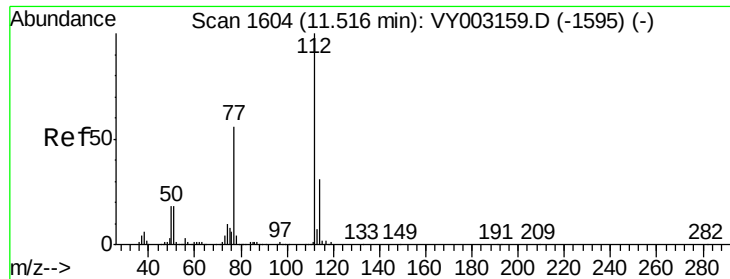
MMDadoda
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#64
Tetrachloroethene
Concen: 18.234 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	102.9	154.3
129	87.0	71.4	107.2
131	86.6	68.1	102.1





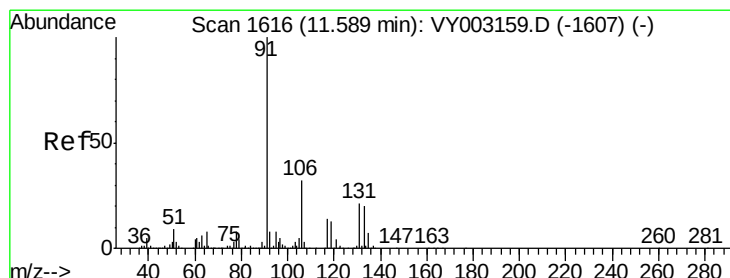
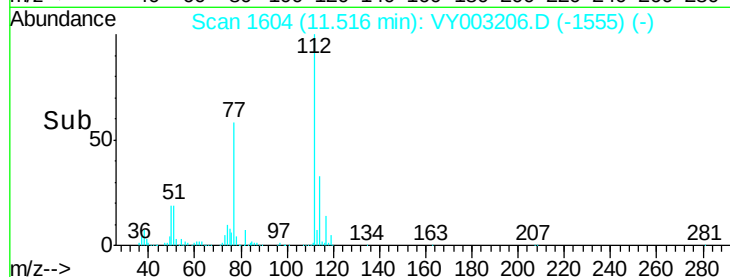
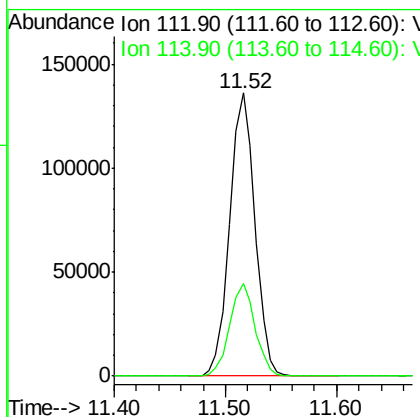
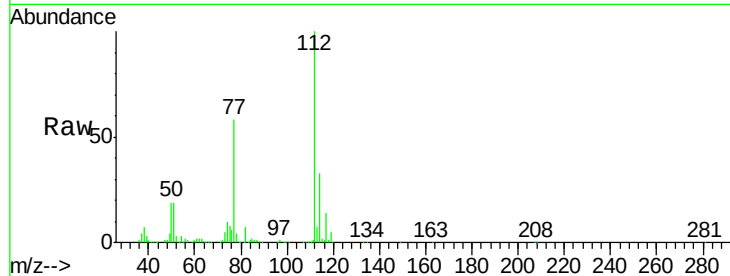
#65
Chlorobenzene
Concen: 19.321 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	24.7	37.1

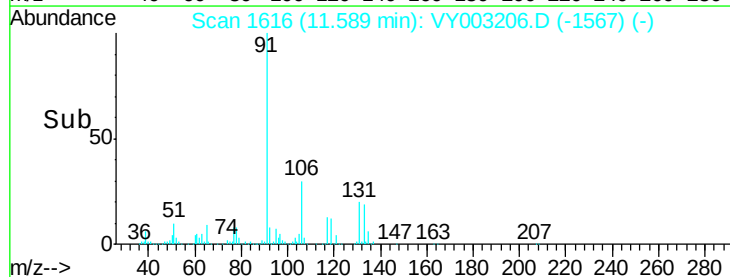
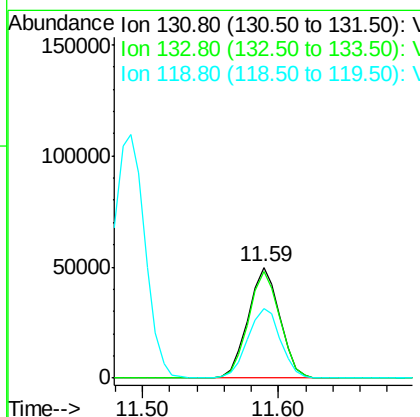
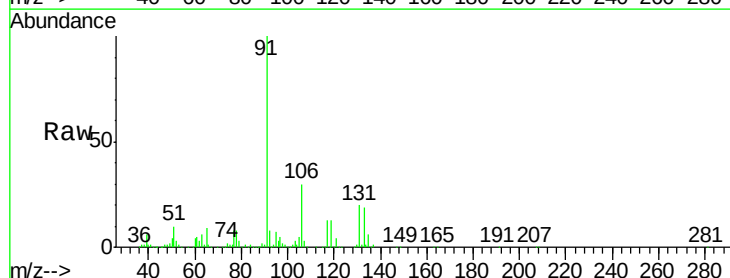
Manual Integrations
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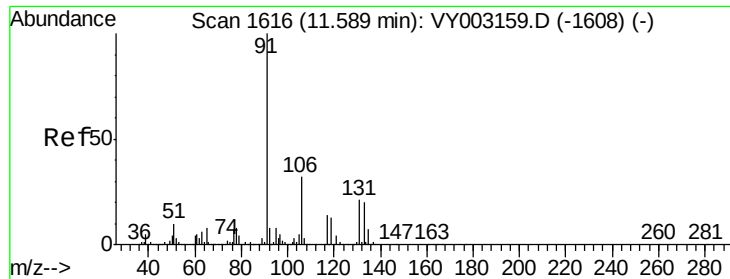
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.059 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.0	144.0
119	65.0	32.4	97.0





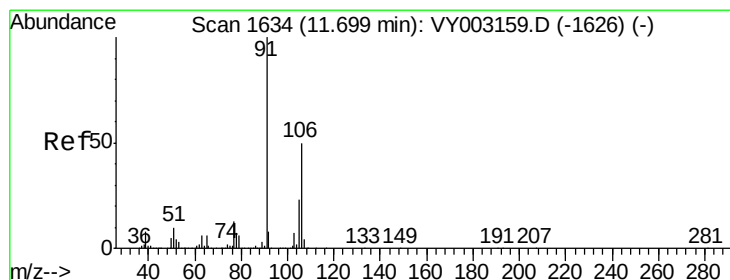
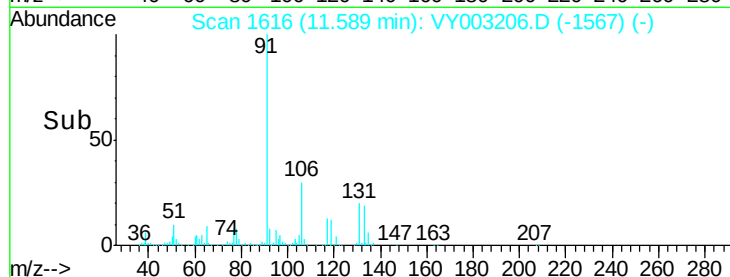
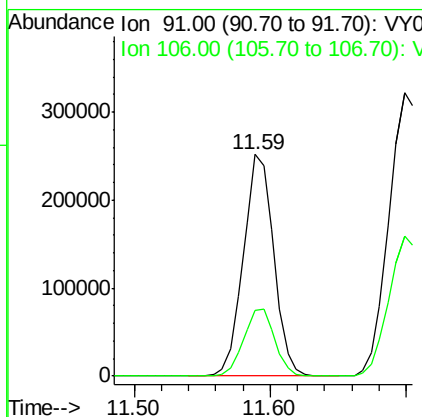
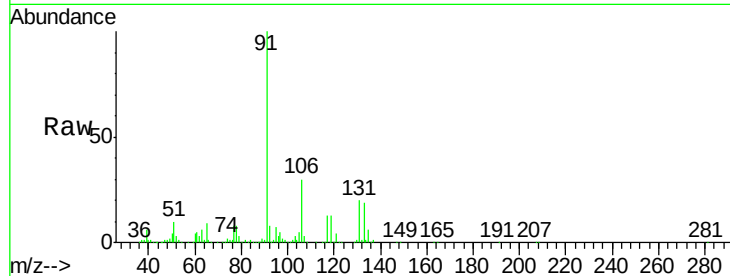
#67
Ethyl Benzene
Concen: 19.998 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.6	25.5	38.3

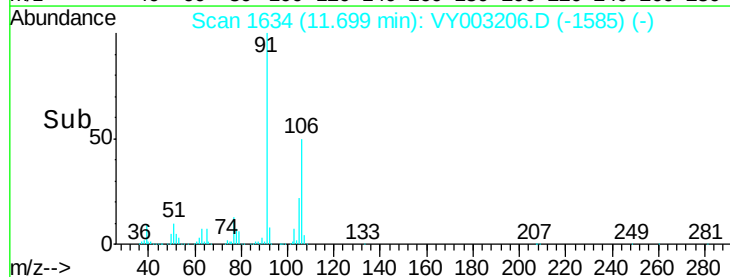
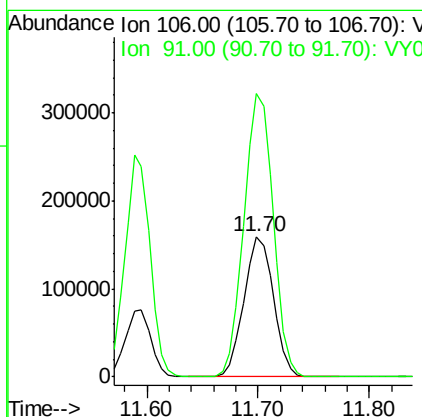
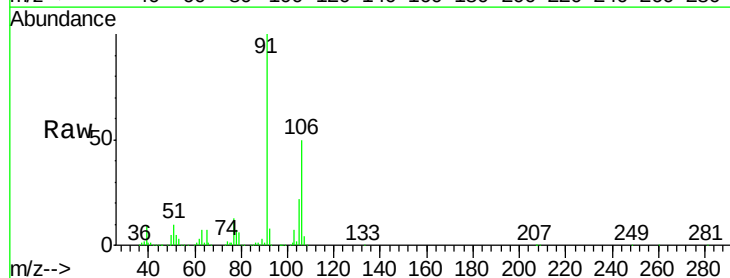
Manual Integrations
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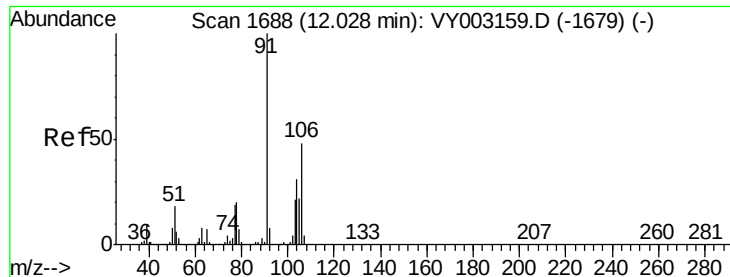
MMDadoda
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#68
m/p-Xylenes
Concen: 39.306 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.2	159.0	238.6





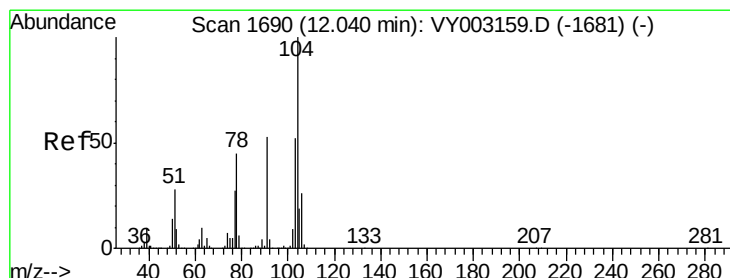
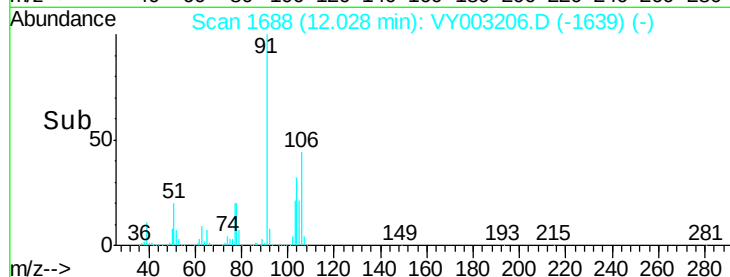
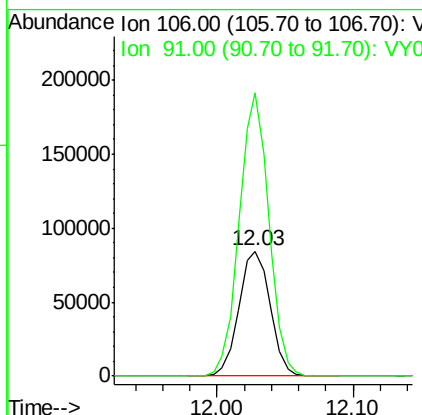
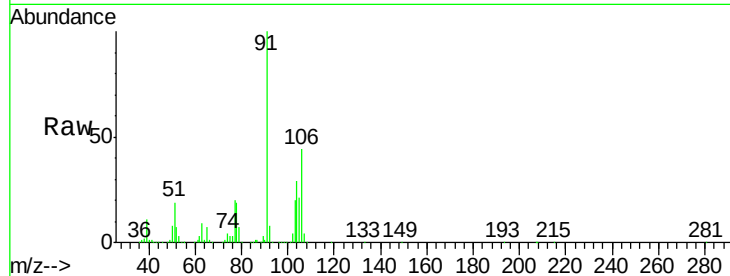
#69
o-Xylene
Concen: 19.357 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	135081		
91	91	215.0	105.1	315.1	

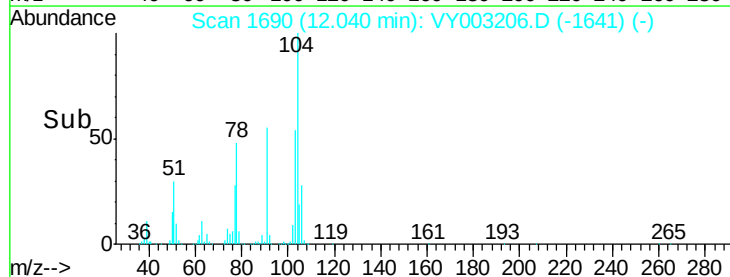
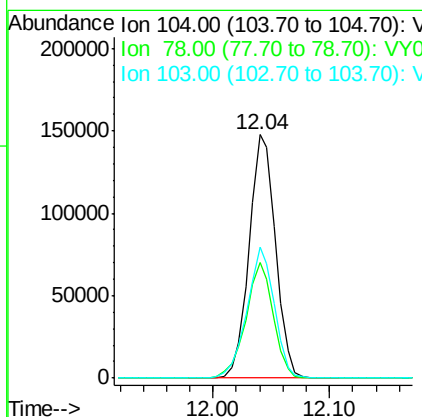
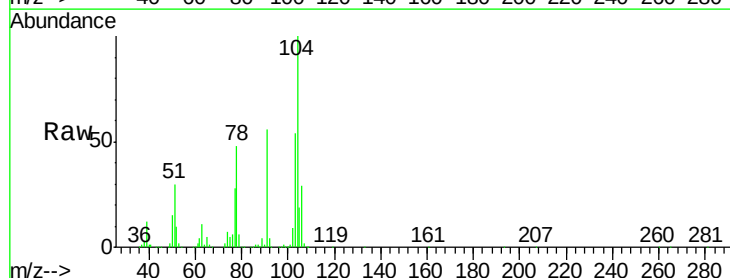
Manual Integrations
APPROVED

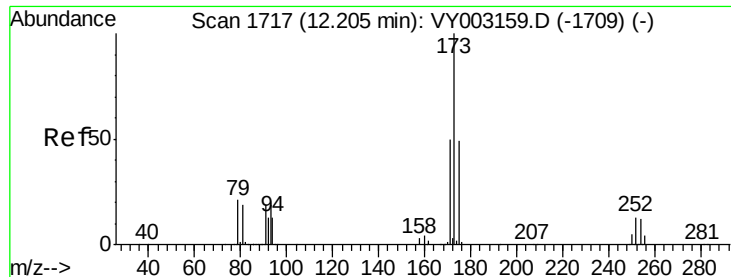
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#70
Styrene
Concen: 19.552 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	233398		
78	78	49.5	38.5	57.7	
103	103	55.7	43.9	65.9	





#71

Bromoform

Concen: 17.822 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

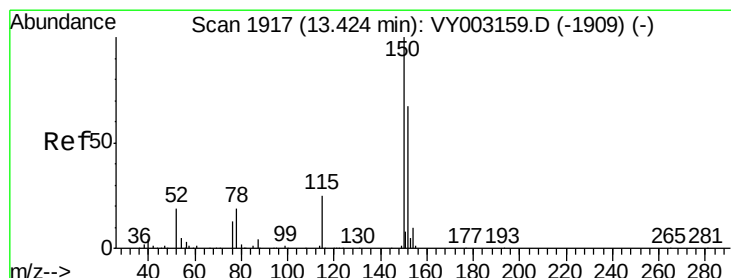
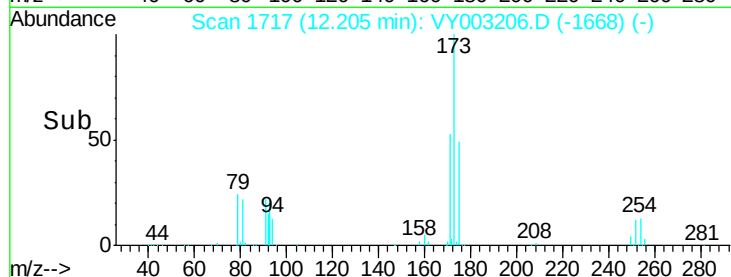
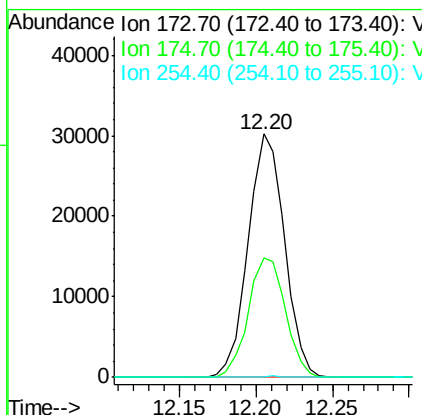
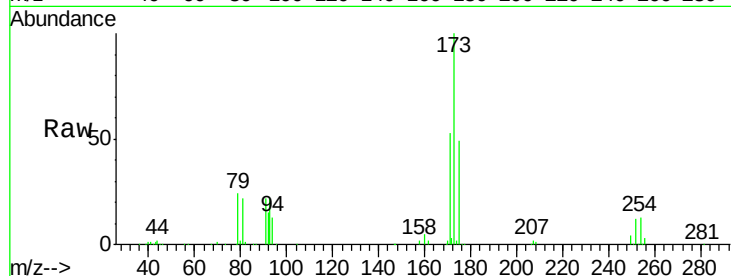
ClientSampleId :

VY0716SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.3	73.0
254	0.3	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

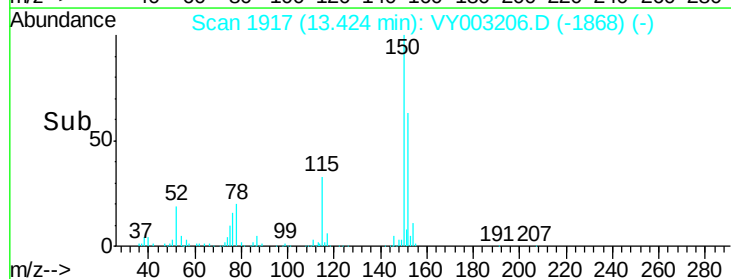
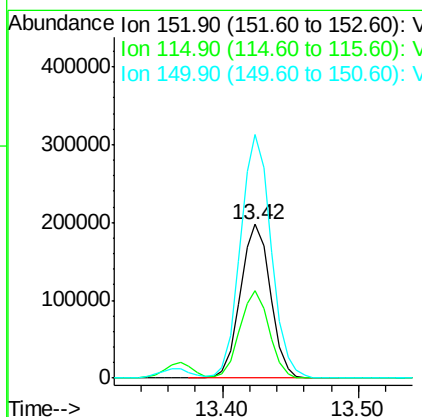
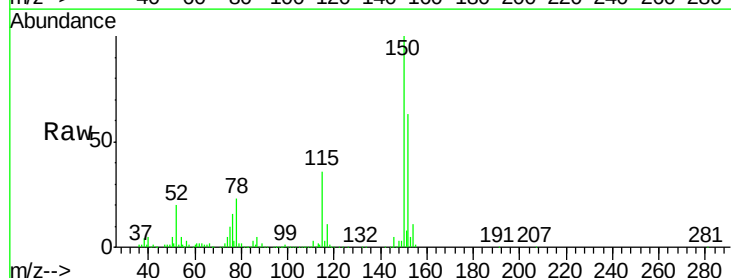
RT: 13.42 min Scan# 1917

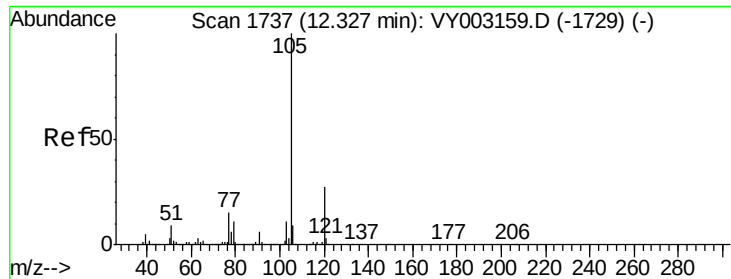
Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.9	80.7
150	162.6	0.0	338.0





#73

Isopropylbenzene

Concen: 19.672 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 105 Resp: 380162

Ion Ratio Lower Upper

105 100

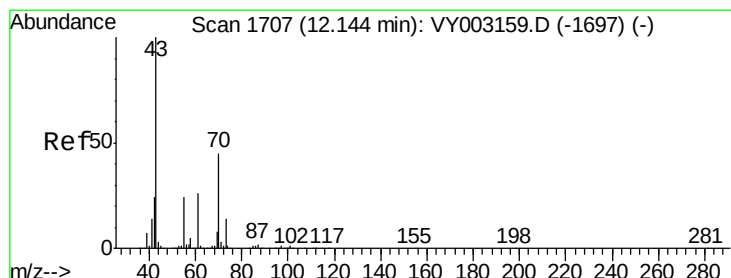
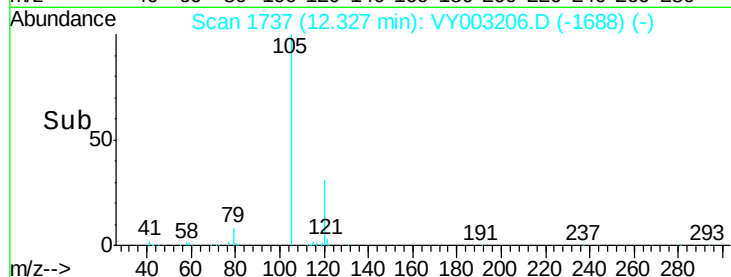
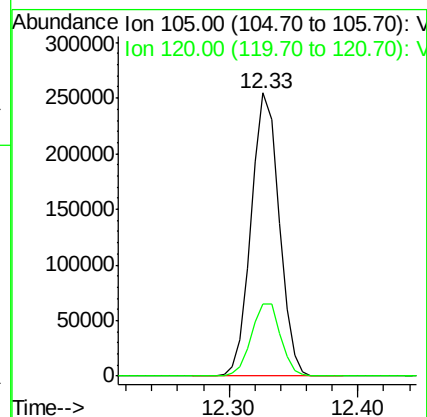
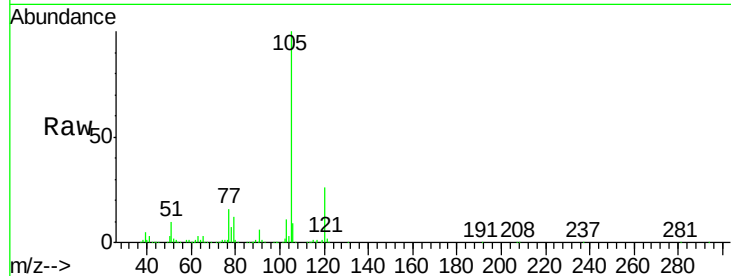
120 26.8 13.4 40.2

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#74

N-ethyl acetate

Concen: 19.267 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Tgt Ion: 43 Resp: 104472

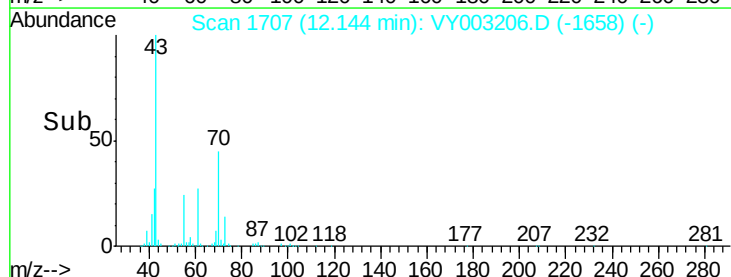
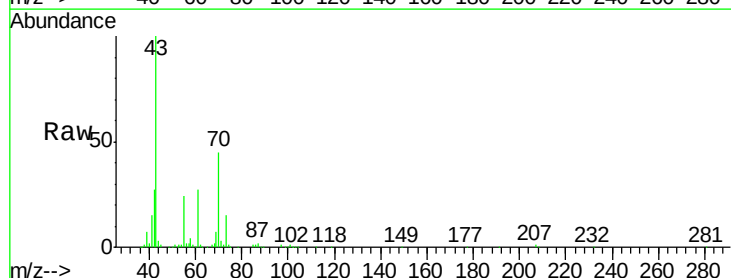
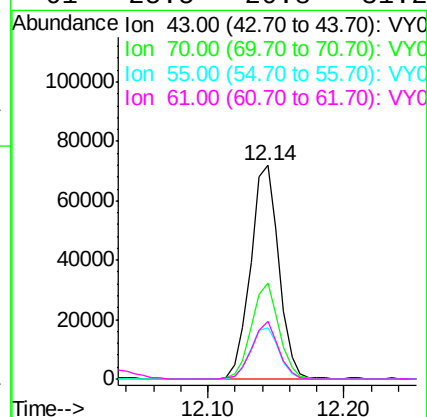
Ion Ratio Lower Upper

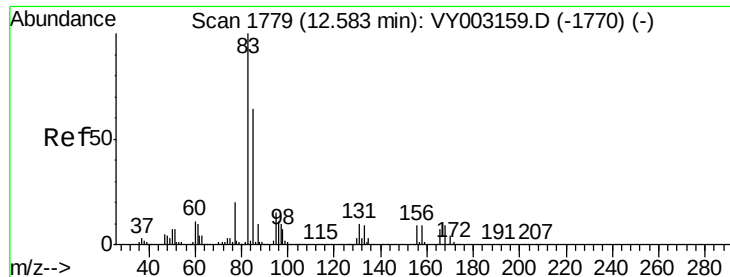
43 100

70 43.4 35.6 53.4

55 24.6 19.4 29.2

61 25.5 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.006 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

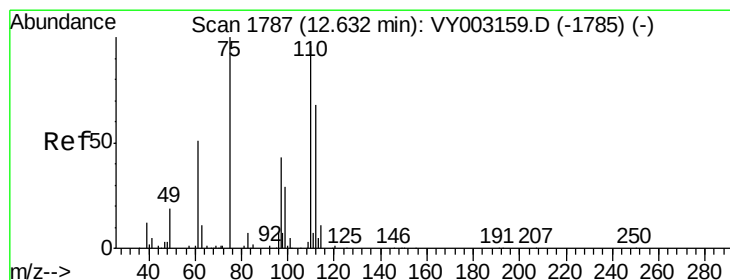
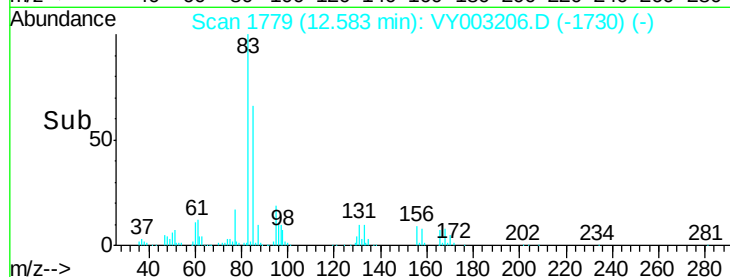
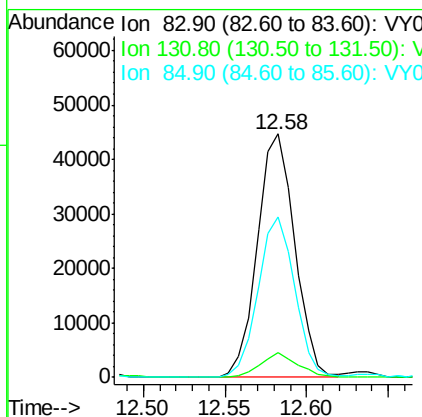
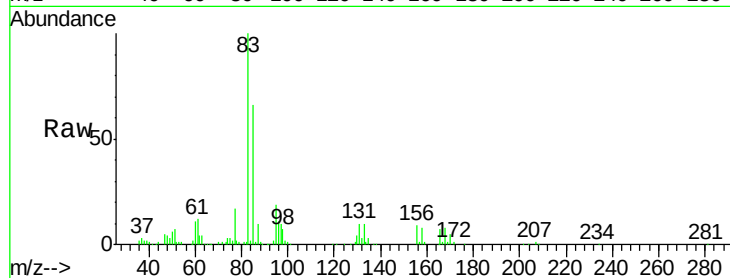
ClientSampleId :

VY0716SBS01

Tot Ion:	83	Resp:	70936
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.2	15.6
85	64.8	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.894 ug/l m

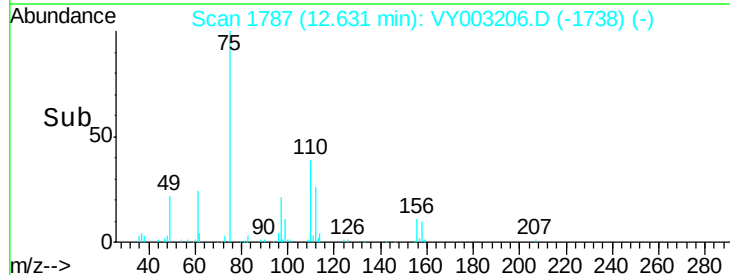
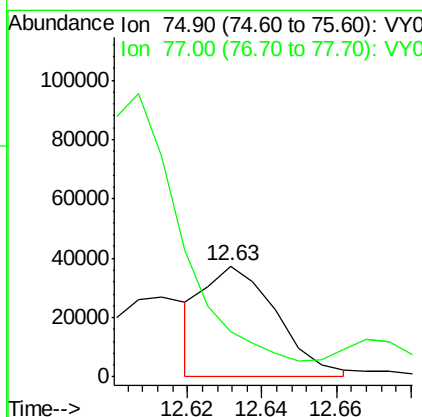
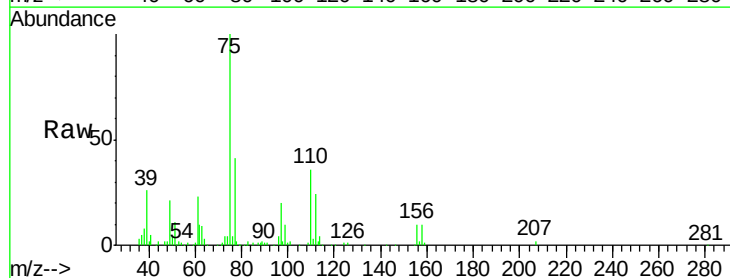
RT: 12.63 min Scan# 1787

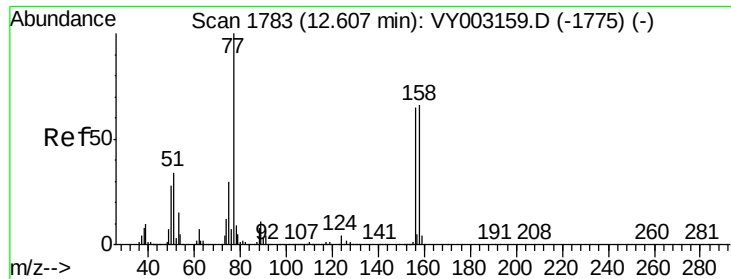
Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Tgt Ion:	75	Resp:	50715
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





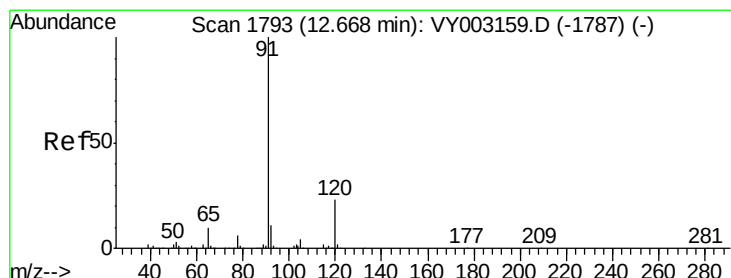
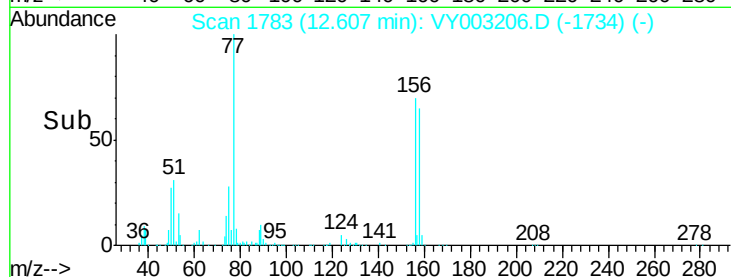
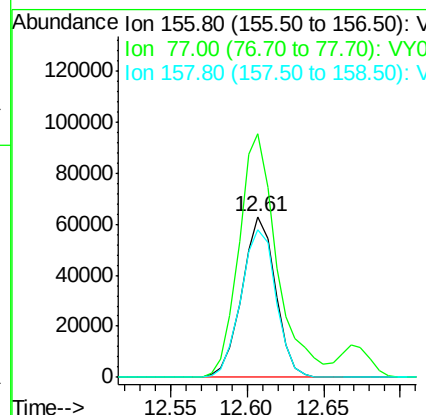
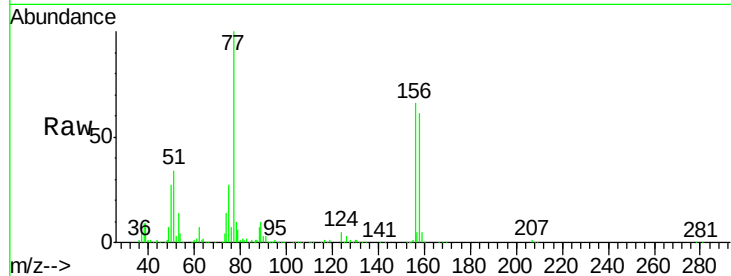
#77
Bromobenzene
Concen: 19.418 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	172.7	86.6	259.7
158	96.5	49.4	148.0

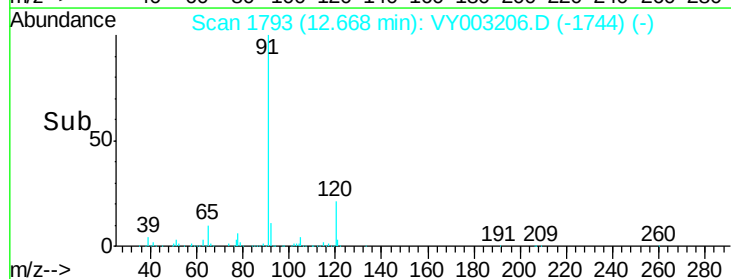
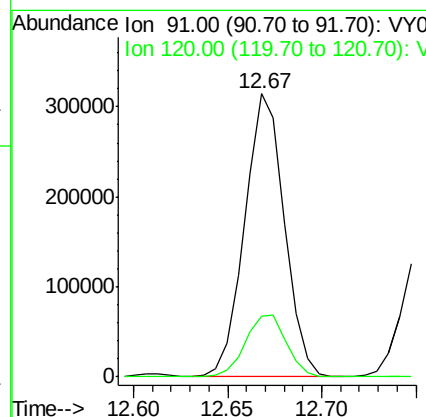
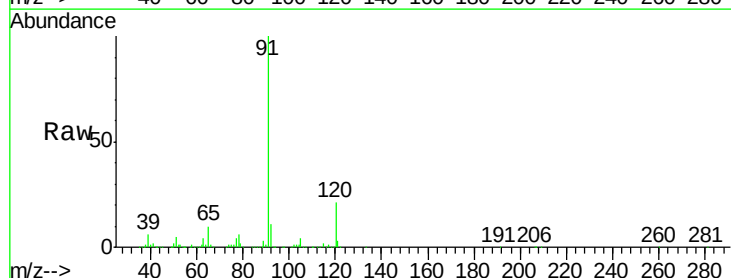
Manual Integrations
APPROVED

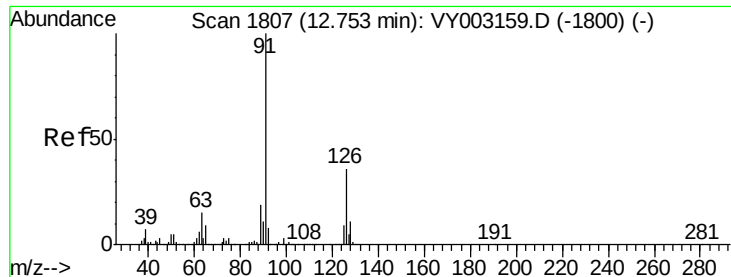
MMDadoda
7/17/2020 4:43:09 PM



#78
n-propylbenzene
Concen: 20.096 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.7	35.1





#79

2-Chlorotoluene

Concen: 20.043 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 91 Resp: 254726

Ion Ratio Lower Upper

91 100

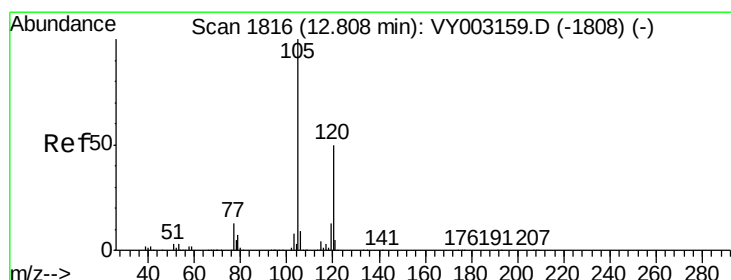
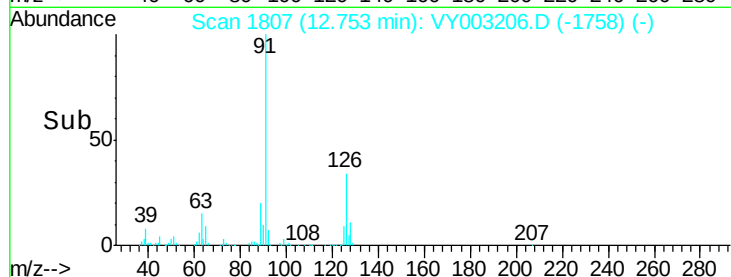
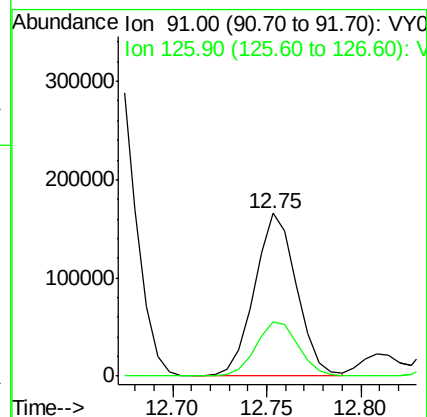
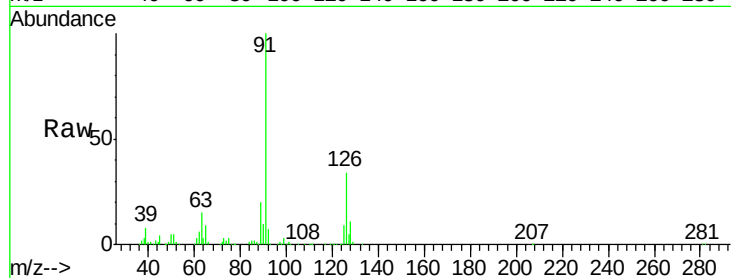
126 34.3 17.6 52.9

Manual Integrations

APPROVED

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#80

1,3,5-Trimethylbenzene

Concen: 20.092 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003206.D

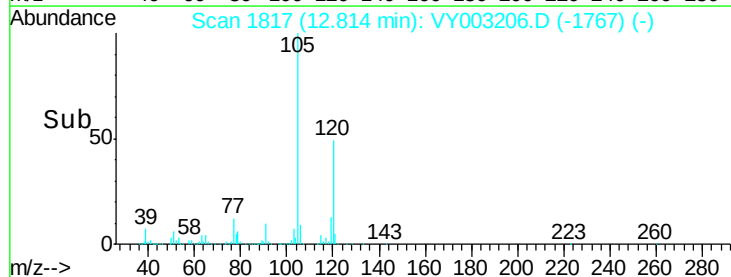
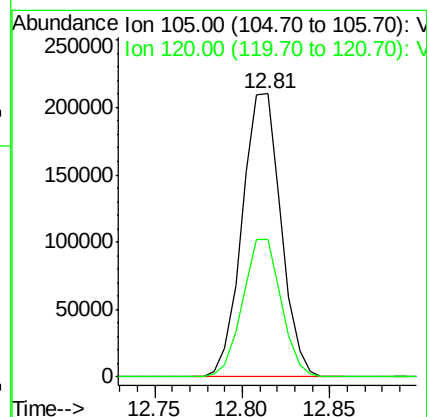
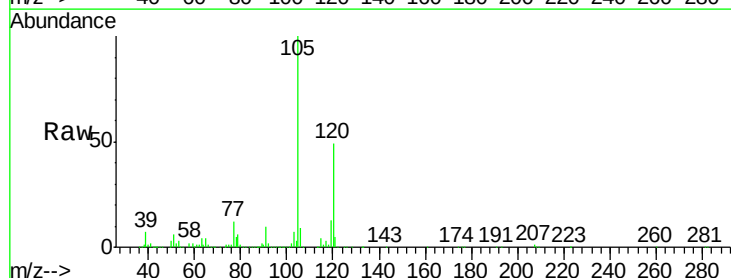
Acq: 16 Jul 2020 13:39

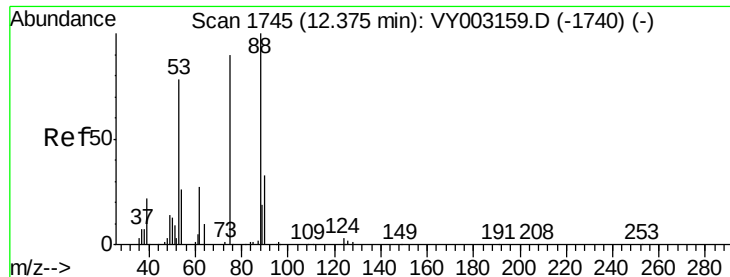
Tgt Ion: 105 Resp: 323601

Ion Ratio Lower Upper

105 100

120 48.5 24.9 74.6





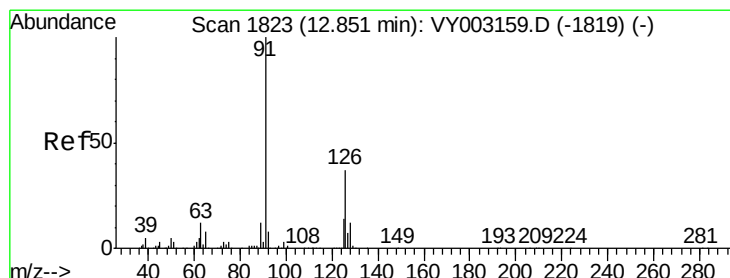
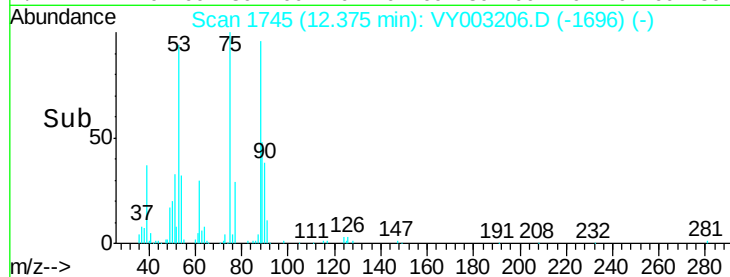
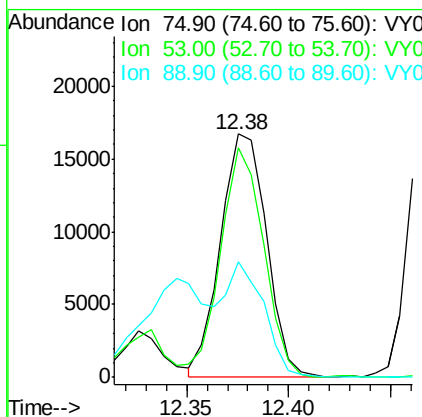
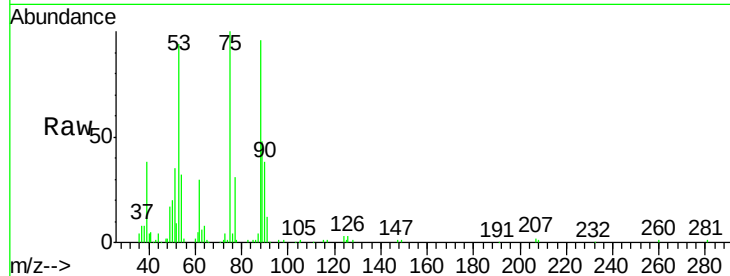
#81
trans-1,4-Dichloro-2-butene
Concen: 18.855 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.6	72.0	108.0
89	39.8	37.3	55.9

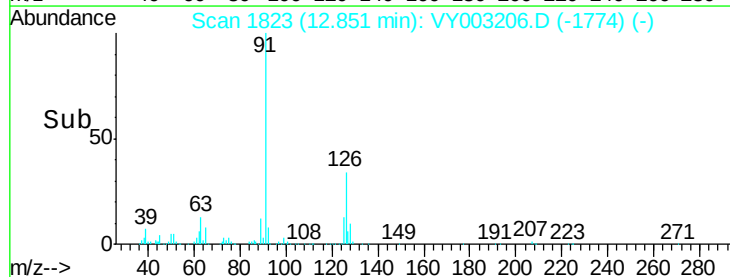
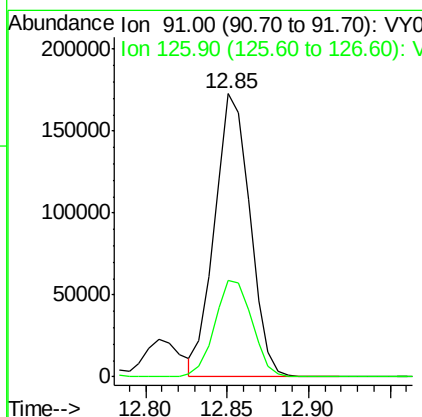
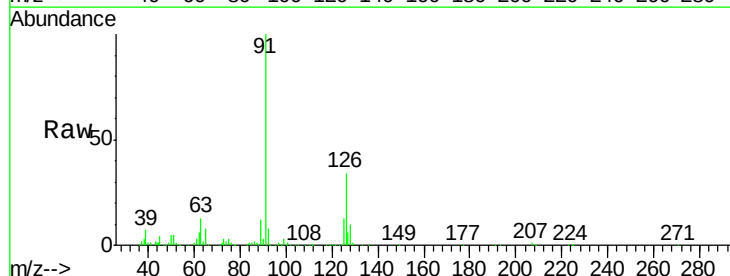
Manual Integrations
APPROVED

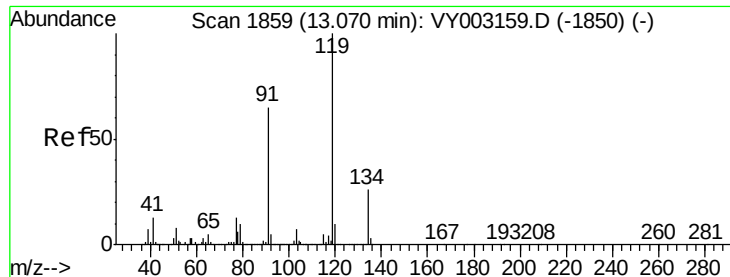
MMDadoda
7/17/2020 4:43:09 PM



#82
4-Chlorotoluene
Concen: 19.684 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.9	53.7





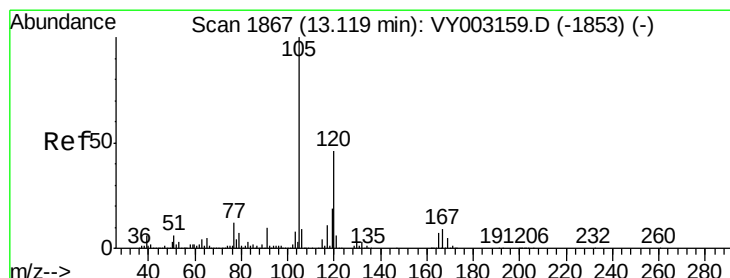
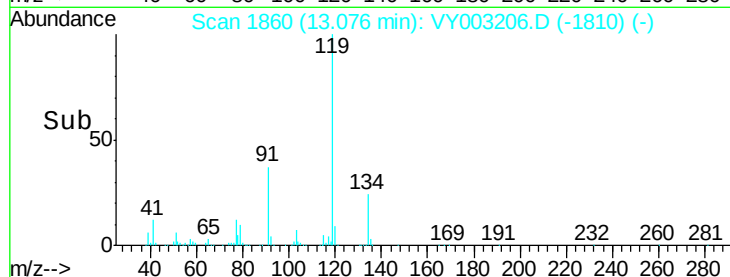
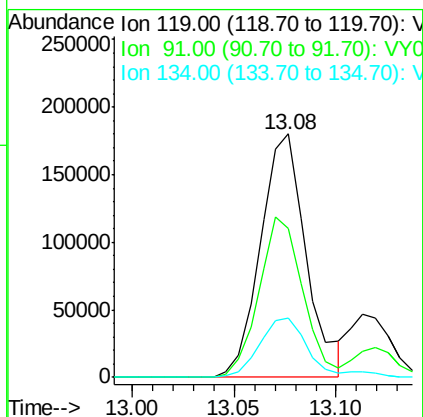
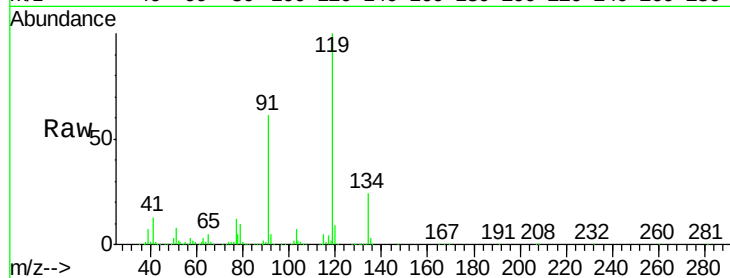
#83
 tert-Butylbenzene
 Concen: 19.790 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.2	30.8	92.4
134	26.5	13.2	39.6

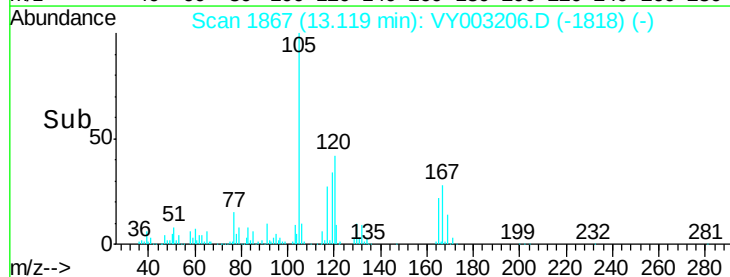
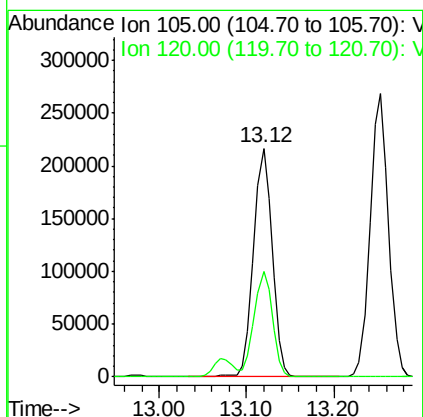
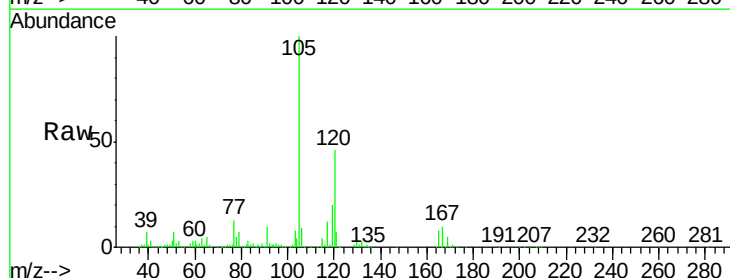
Manual Integrations
 APPROVED

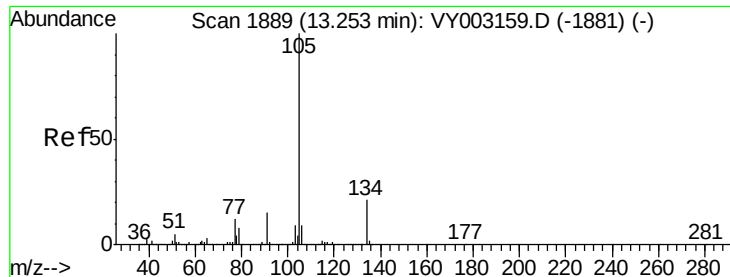
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.826 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.5	67.5





#85

sec-Butylbenzene

Concen: 20.153 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion:105 Resp: 393645

Ion Ratio Lower Upper

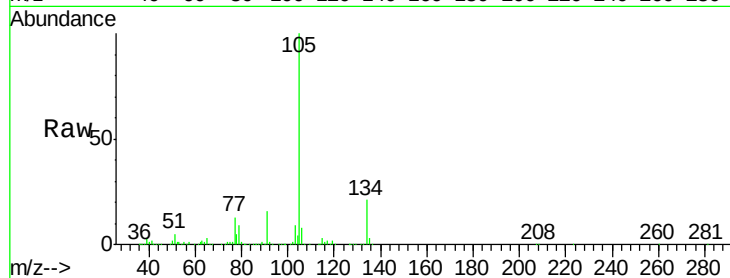
105 100

134 20.8 10.4 31.4

Manual Integrations
APPROVED

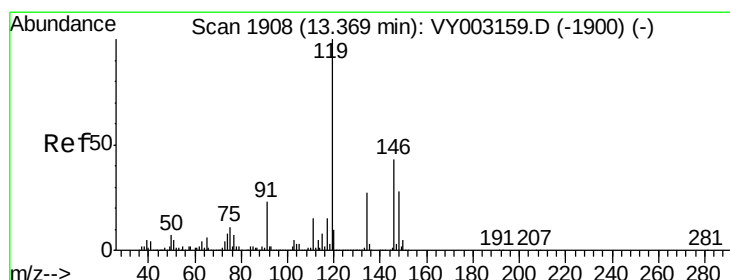
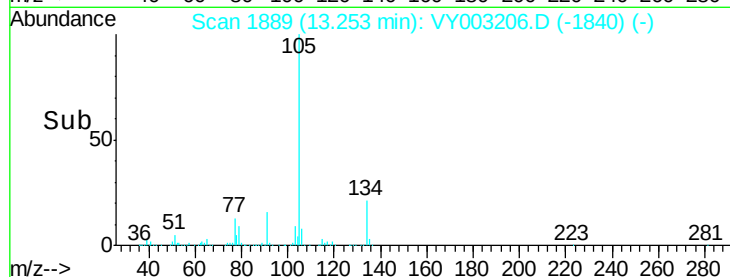
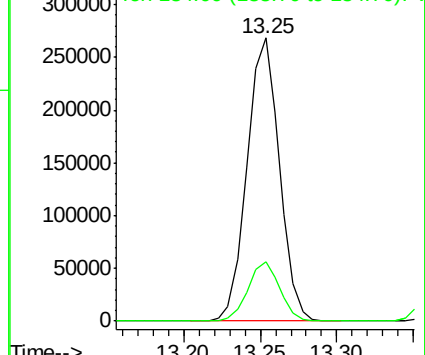
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.762 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003206.D

Acq: 16 Jul 2020 13:39

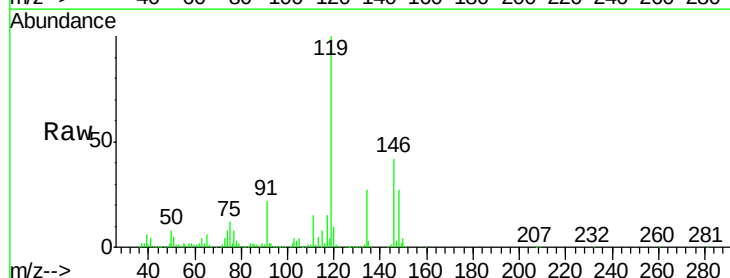
Tgt Ion:119 Resp: 360415

Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.2

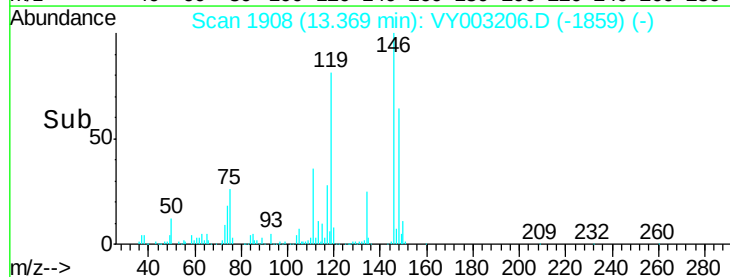
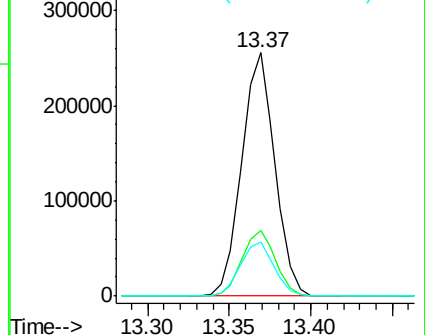
91 22.5 11.2 33.6

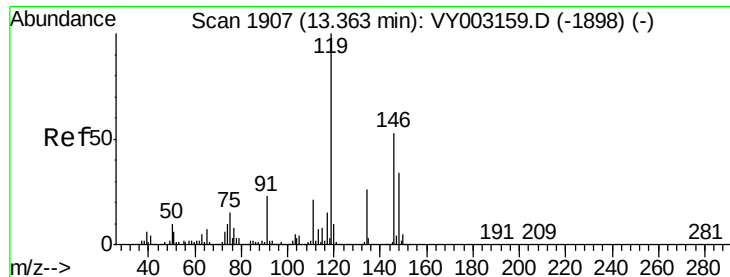


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





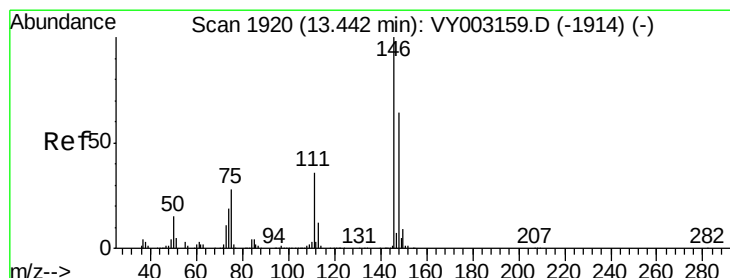
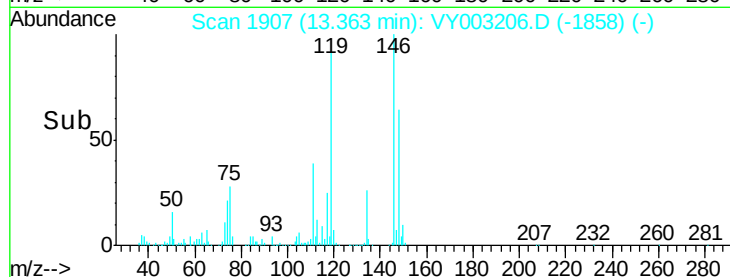
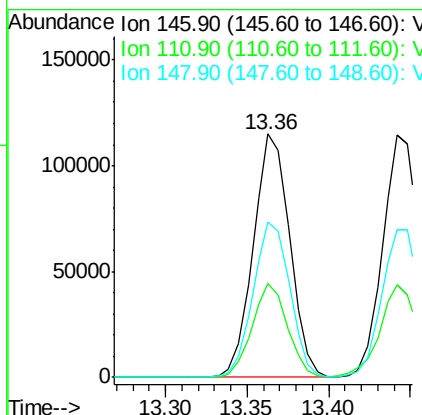
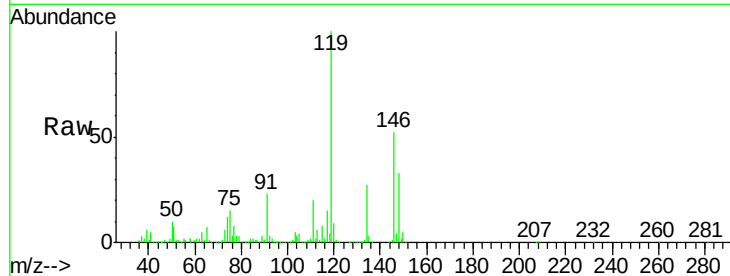
#87
1,3-Dichlorobenzene
Concen: 19.252 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	64.1	32.3	96.9

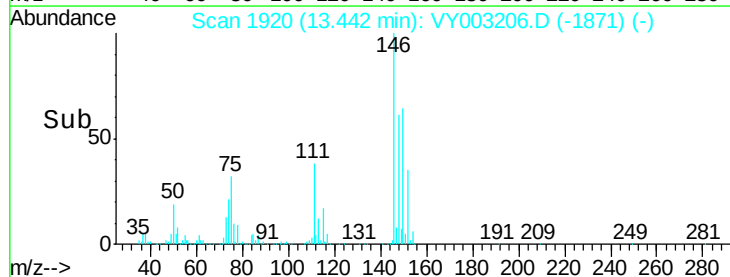
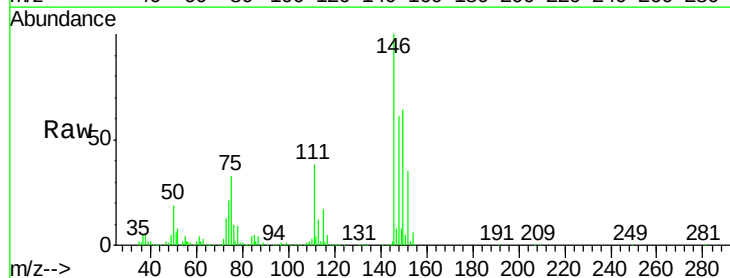
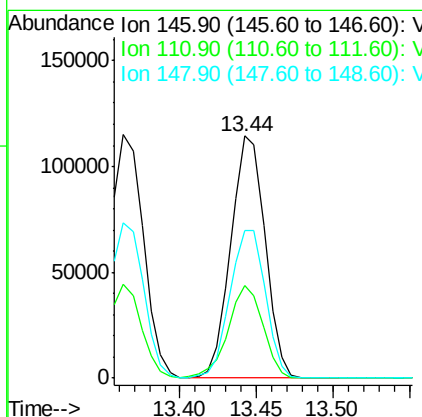
Manual Integrations
APPROVED

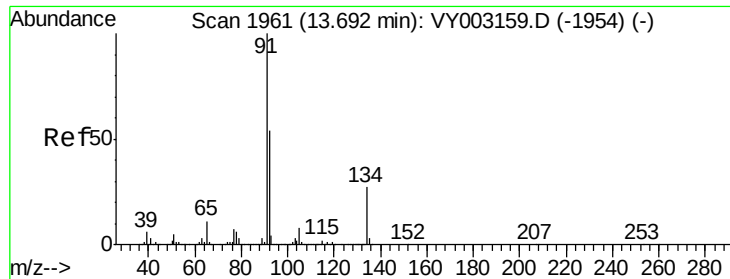
MMDadoda
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#88
1,4-Dichlorobenzene
Concen: 19.329 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.4	55.0
148	63.2	32.0	96.0





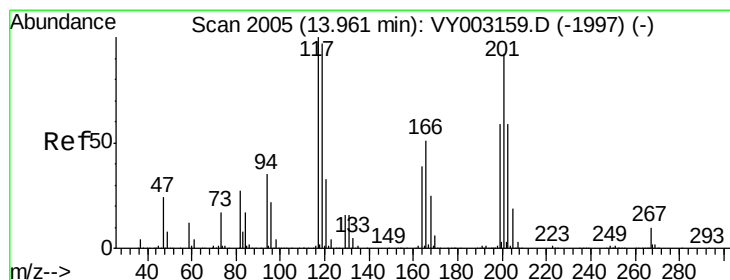
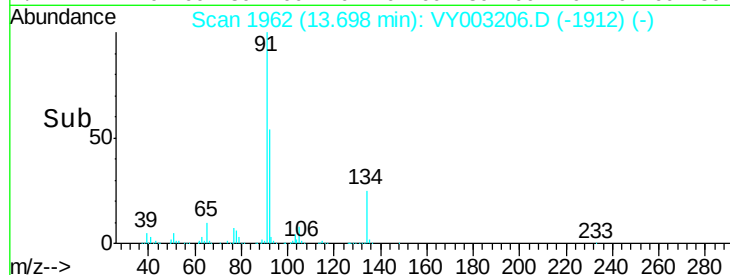
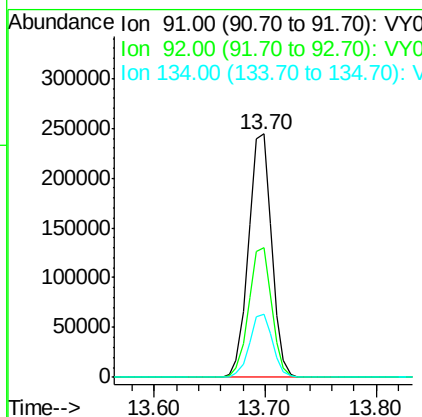
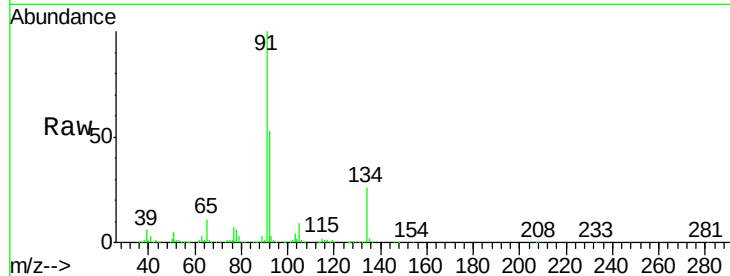
#89
n-Butylbenzene
Concen: 20.559 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.9	80.7
134	25.7	13.6	40.7

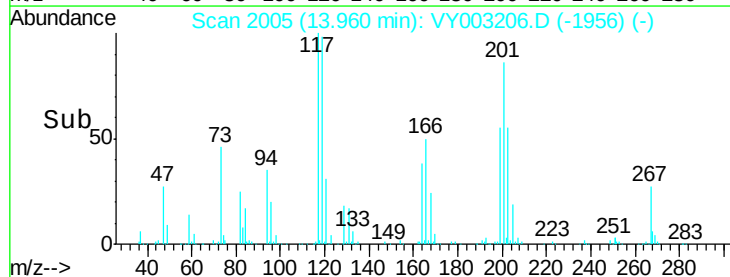
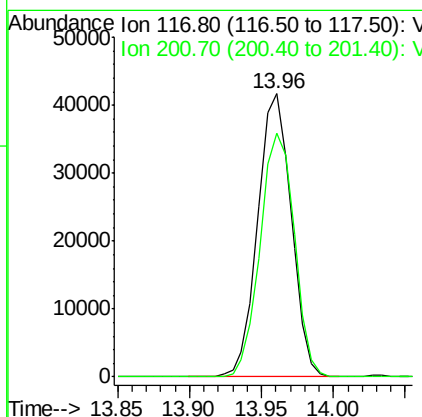
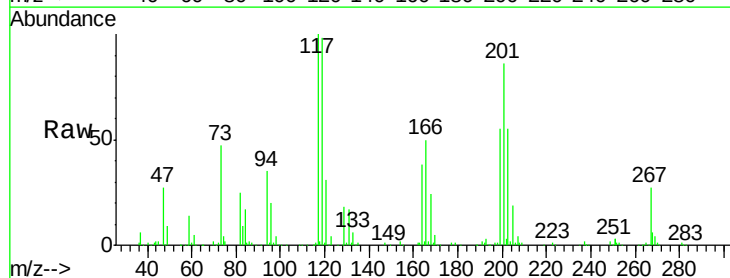
Manual Integrations
APPROVED

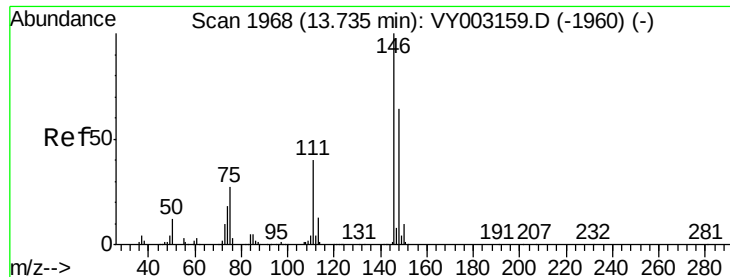
MMDadoda
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#90
Hexachloroethane
Concen: 20.234 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	45.1	135.3





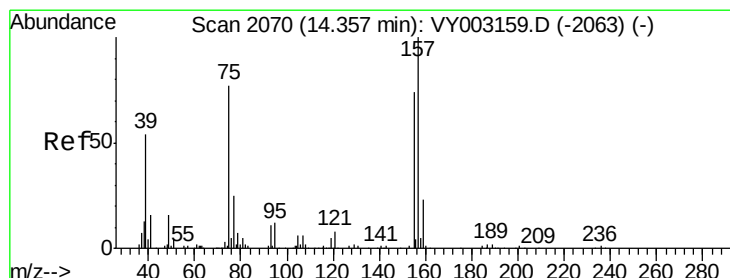
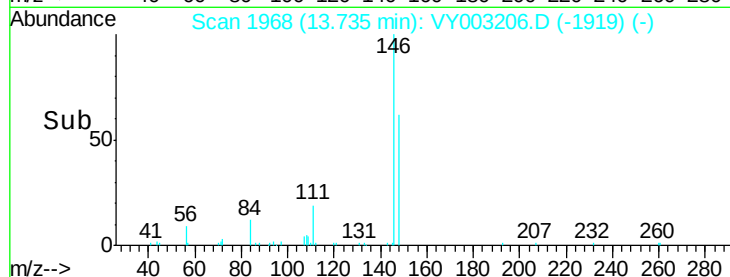
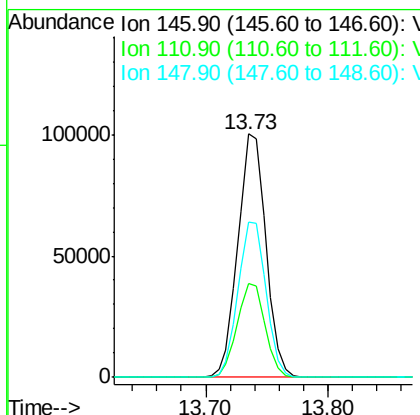
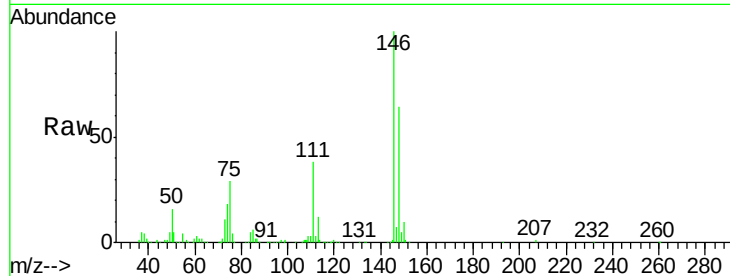
#91
 1,2-Dichlorobenzene
 Concen: 19.399 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	158581		
111	38.5	19.6	58.8	
148	63.8	32.4	97.0	

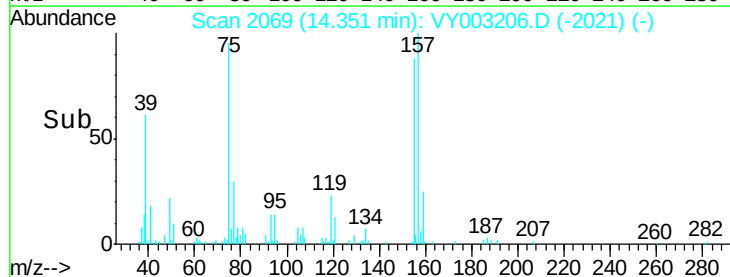
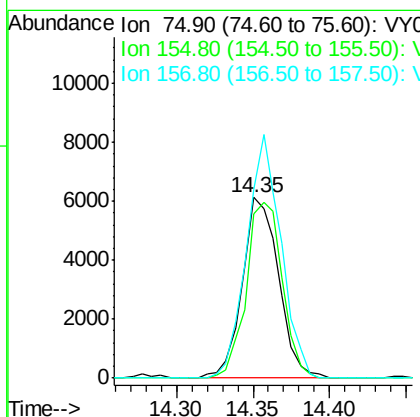
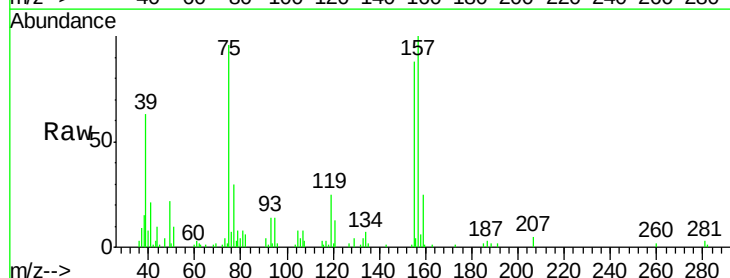
Manual Integrations
 APPROVED

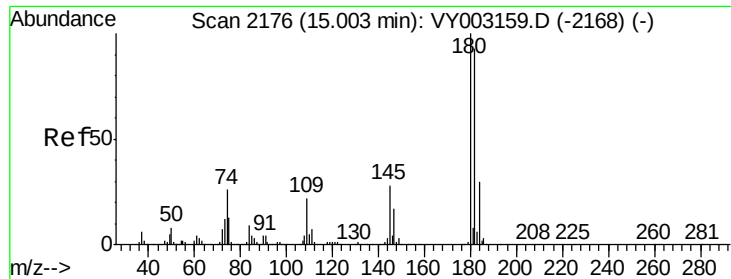
MMDadoda
 7/17/2020 4:43:09 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.722 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10118		
155	96.4	48.1	144.3	
157	126.7	61.9	185.6	





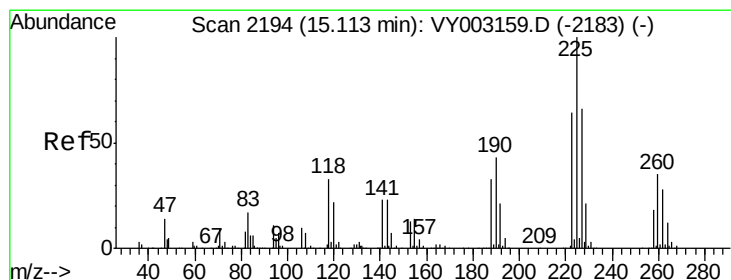
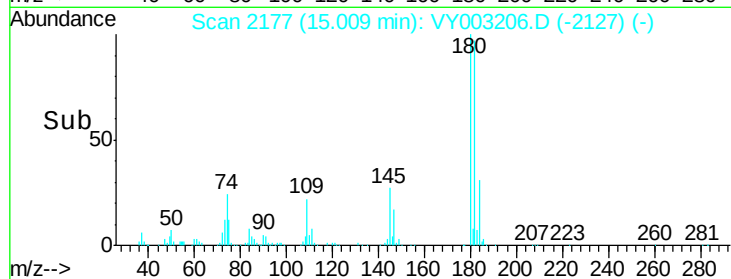
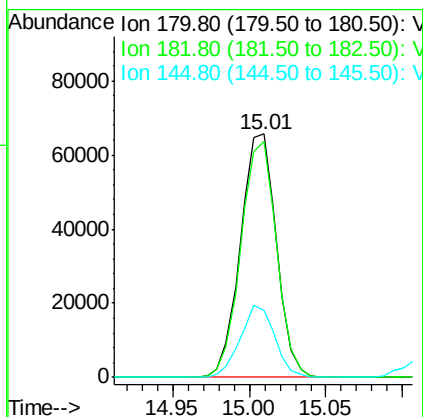
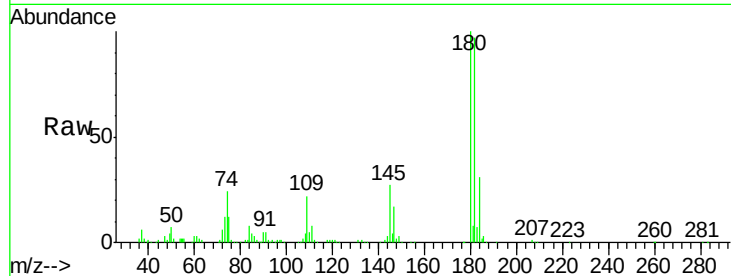
#93
 1,2,4-Trichlorobenzene
 Concen: 18.447 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	107276		
182	96.2	47.3	142.0	
145	28.3	13.7	41.1	

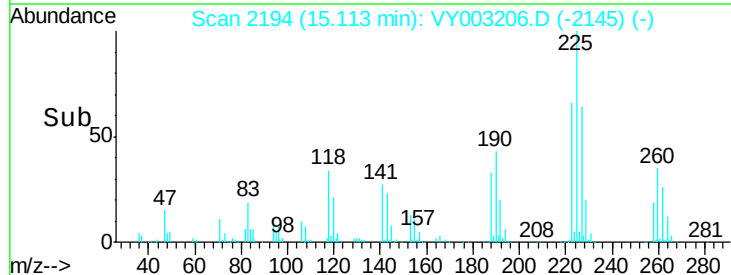
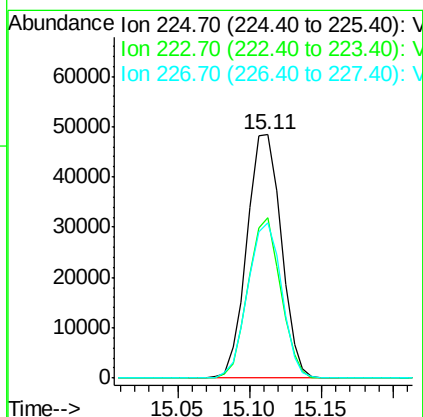
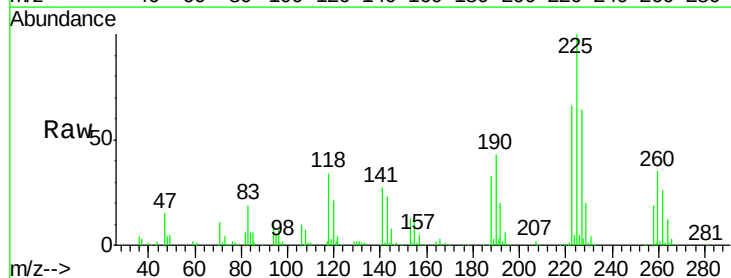
Manual Integrations
 APPROVED

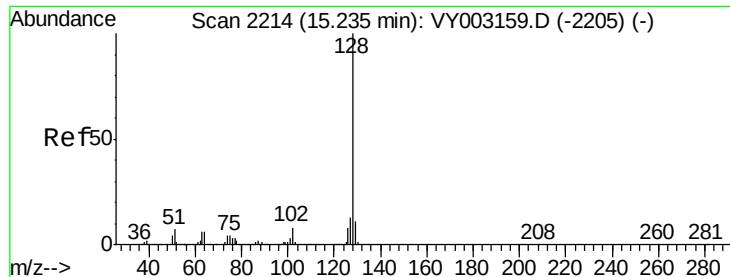
MMDadoda
 7/17/2020 4:43:09 PM



#94
 Hexachlorobutadiene
 Concen: 20.002 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003206.D
 Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79703		
223	62.9	31.6	94.7	
227	63.0	32.3	96.8	





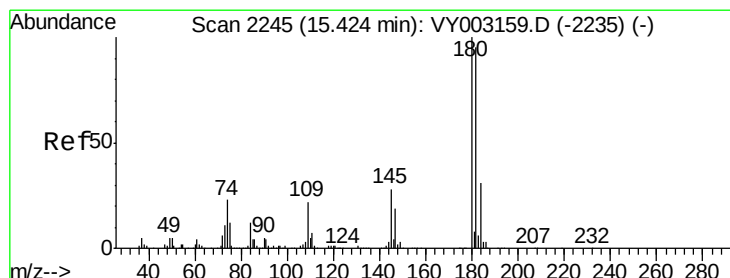
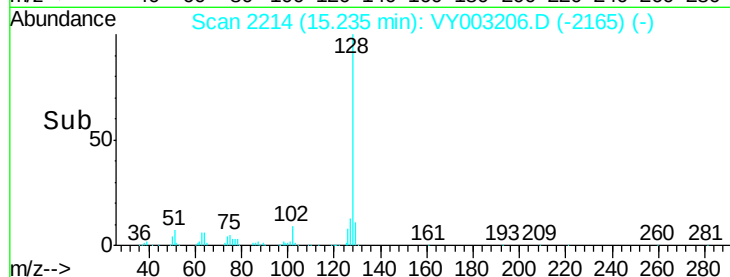
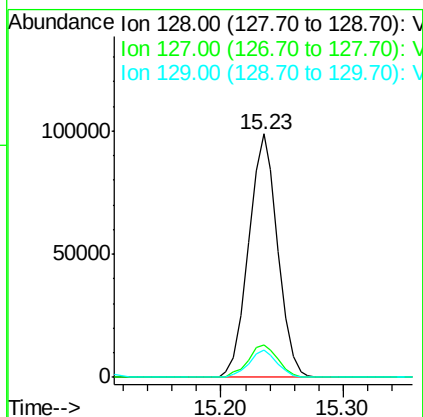
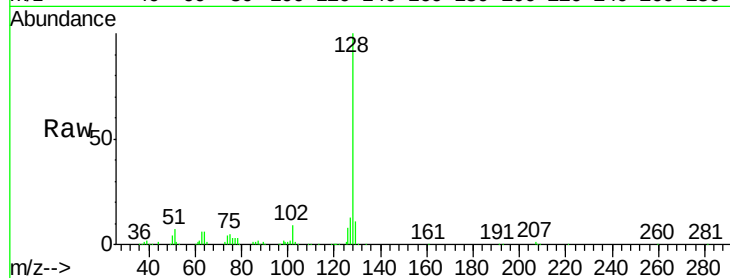
#95
Naphthalene
Concen: 16.945 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.9	16.3
129	10.9	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
7/17/2020 4:43:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.473 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003206.D
Acq: 16 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.8	146.3
145	29.2	14.9	44.5

