

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002917.D
 Acq On : 18 Jun 2020 14:01
 Operator : SY/MD
 Sample : VY0618SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Manual Integrations
 APPROVED

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 6/19/2020 1:12:14 PM

Quant Time: Jun 19 05:28:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	268444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	389720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	364726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	201907	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	114875	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	7.72	113	117993	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	10.18	98	454820	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.48	95	164983	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	34585	18.724	ug/l	100
3) Chloromethane	2.12	50	41288	20.209	ug/l	96
4) Vinyl Chloride	2.26	62	42681	19.764	ug/l	99
5) Bromomethane	2.65	94	32957	20.365	ug/l	98
6) Chloroethane	2.79	64	29381	20.988	ug/l	98
7) Trichlorofluoromethane	3.13	101	82275	21.512	ug/l	100
8) Diethyl Ether	3.54	74	29231	19.573	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	50281	22.142	ug/l	99
10) Methyl Iodide	4.10	142	64412	20.271	ug/l	99
11) Tert butyl alcohol	4.97	59	32388	122.786	ug/l	96
12) 1,1-Dichloroethene	3.88	96	49136	21.516	ug/l	98
13) Acrolein	3.74	56	18290	66.960	ug/l	97
14) Allyl chloride	4.49	41	68826	21.013	ug/l	98
15) Acrylonitrile	5.18	53	72459	107.549	ug/l	99
16) Acetone	3.96	43	61684	112.860	ug/l	94
17) Carbon Disulfide	4.20	76	130956	18.976	ug/l	98
18) Methyl Acetate	4.49	43	34776	24.871	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	134661	21.359	ug/l	99
20) Methylene Chloride	4.72	84	63374	23.727	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	53470	20.820	ug/l	97
22) Diisopropyl ether	6.13	45	144840	21.280	ug/l	93
23) Vinyl Acetate	6.07	43	464693	103.410	ug/l	100
24) 1,1-Dichloroethane	6.03	63	87006	21.852	ug/l	98
25) 2-Butanone	7.00	43	93123	109.360	ug/l	98
26) 2,2-Dichloropropane	6.99	77	85533	22.399	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	61432	21.367	ug/l	99
28) Bromochloromethane	7.35	49	35581	21.769	ug/l	97
29) Tetrahydrofuran	7.35	42	58706	105.989	ug/l	98
30) Chloroform	7.52	83	92374	21.864	ug/l	98
31) Cyclohexane	7.79	56	78500	19.858	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	85694	21.766	ug/l	99
36) 1,1-Dichloropropene	7.93	75	71213	21.692	ug/l	99
37) Ethyl Acetate	7.08	43	39552	22.144	ug/l	99
38) Carbon Tetrachloride	7.91	117	80506	22.075	ug/l	99

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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	89426	20.666	ug/l	98
40) Benzene	8.17	78	209406	21.588	ug/l	98
41) Methacrylonitrile	7.32	41	18764m	19.555	ug/l	
42) 1,2-Dichloroethane	8.24	62	59687	21.955	ug/l	99
43) Isopropyl Acetate	8.28	43	73358	21.673	ug/l	100
44) Trichloroethene	8.94	130	65629	21.419	ug/l	100
45) 1,2-Dichloropropane	9.22	63	50988	21.919	ug/l	94
46) Dibromomethane	9.31	93	29995	21.711	ug/l	99
47) Bromodichloromethane	9.50	83	73849	22.675	ug/l	95
48) Methyl methacrylate	9.30	41	32304	21.142	ug/l	99
49) 1,4-Dioxane	9.31	88	9221	434.689	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	196383	109.569	ug/l	100
52) Toluene	10.24	92	137215	21.623	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	77727	21.850	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	88744	22.016	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	46373	21.925	ug/l	94
56) Ethyl methacrylate	10.51	69	60682	21.420	ug/l	98
57) 1,3-Dichloropropane	10.79	76	73939	21.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	151702	109.591	ug/l	99
59) 2-Hexanone	10.83	43	140909	110.804	ug/l	100
60) Dibromochloromethane	10.99	129	59443	22.168	ug/l	99
61) 1,2-Dibromoethane	11.09	107	45777	21.941	ug/l	100
64) Tetrachloroethene	10.72	164	68940	20.797	ug/l	99
65) Chlorobenzene	11.52	112	155864	21.621	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	59651	21.971	ug/l	98
67) Ethyl Benzene	11.59	91	272155	21.777	ug/l	99
68) m/p-Xylenes	11.70	106	212543	43.864	ug/l	98
69) o-Xylene	12.03	106	100993	22.078	ug/l	99
70) Styrene	12.04	104	173022	21.820	ug/l	99
71) Bromoform	12.20	173	40894	22.510	ug/l #	99
73) Isopropylbenzene	12.33	105	273247	21.118	ug/l	99
74) N-amyl acetate	12.14	43	69163	20.833	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	50570	22.275	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	38563m	21.196	ug/l	
77) Bromobenzene	12.61	156	71985	21.366	ug/l	97
78) n-propylbenzene	12.67	91	320247	21.427	ug/l	100
79) 2-Chlorotoluene	12.75	91	178005	21.232	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	232875	21.555	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	20368	21.092	ug/l #	78
82) 4-Chlorotoluene	12.85	91	188344	21.442	ug/l	100
83) tert-Butylbenzene	13.07	119	207526	21.535	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	233729	21.516	ug/l	99
85) sec-Butylbenzene	13.25	105	284377	21.582	ug/l	100
86) p-Isopropyltoluene	13.37	119	266271	21.717	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	138417	21.689	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	136134	21.324	ug/l	99
89) n-Butylbenzene	13.70	91	241211	21.669	ug/l	100
90) Hexachloroethane	13.96	117	49510	21.570	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	126115	21.790	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9292	21.274	ug/l	98

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ClientSampleId :
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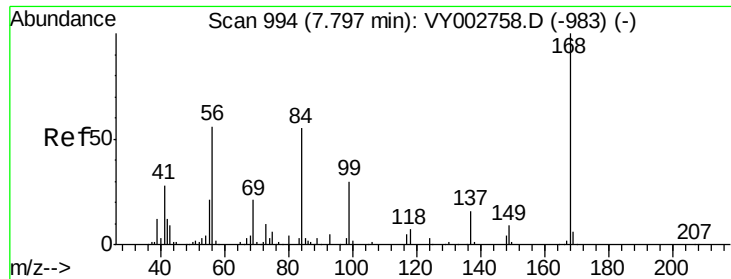
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	95194	21.821	ug/l	99
94) Hexachlorobutadiene	15.11	225	55676	22.502	ug/l	99
95) Naphthalene	15.23	128	184701	21.116	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	84066	21.579	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion:168 Resp: 268444

Ion Ratio Lower Upper

168 100

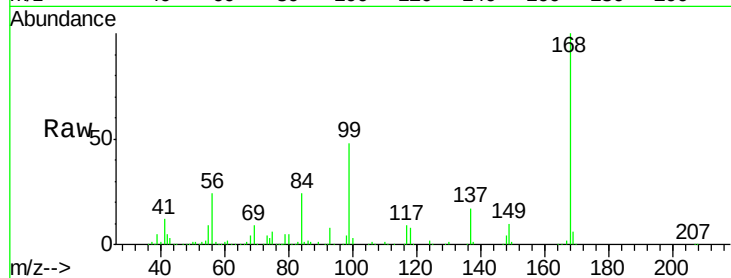
99 48.2 39.0 58.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

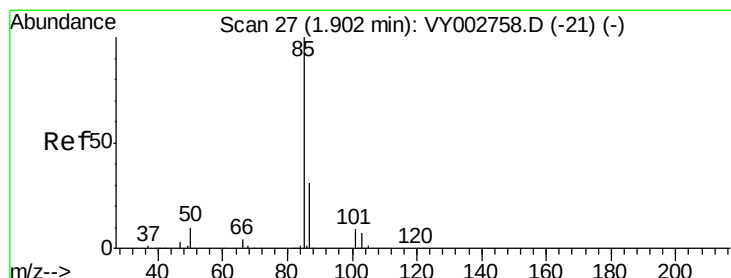
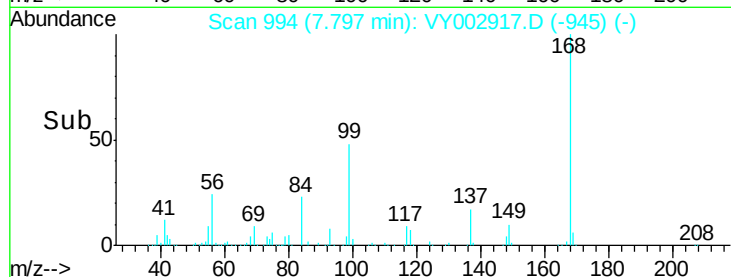
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.724 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002917.D

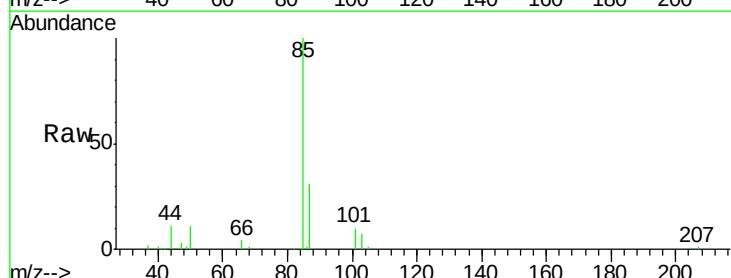
Acq: 18 Jun 2020 14:01

Tgt Ion: 85 Resp: 34585

Ion Ratio Lower Upper

85 100

87 31.0 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.90

25000

20000

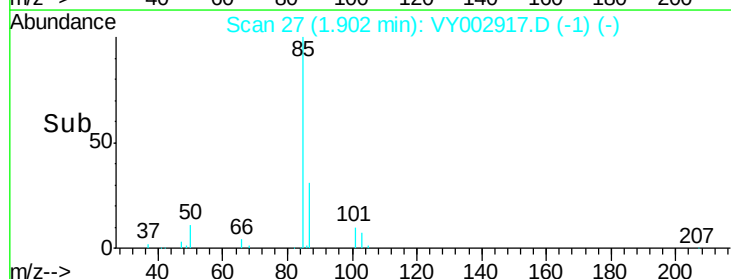
15000

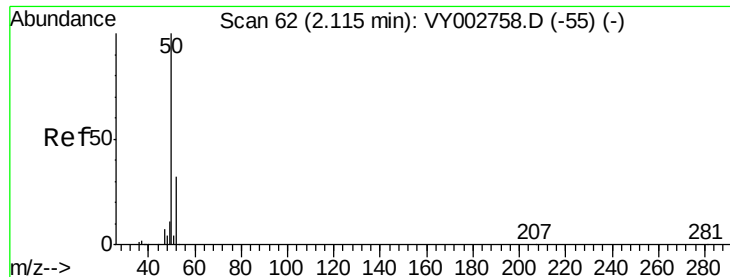
10000

5000

0

Time-->





#3

Chloromethane

Concen: 20.209 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 50 Resp: 41288

Ion Ratio Lower Upper

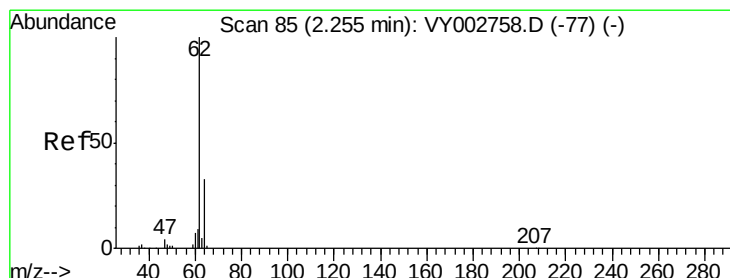
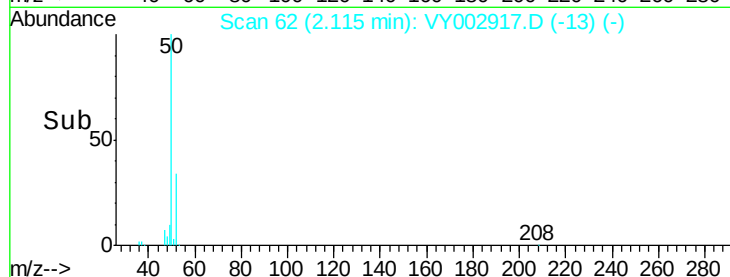
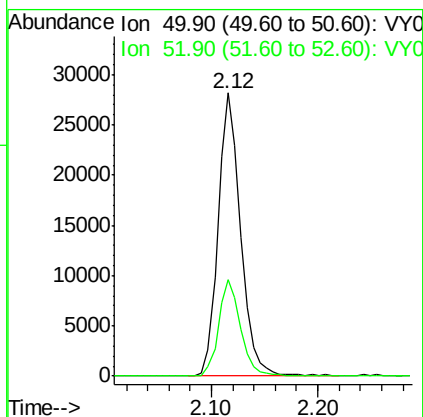
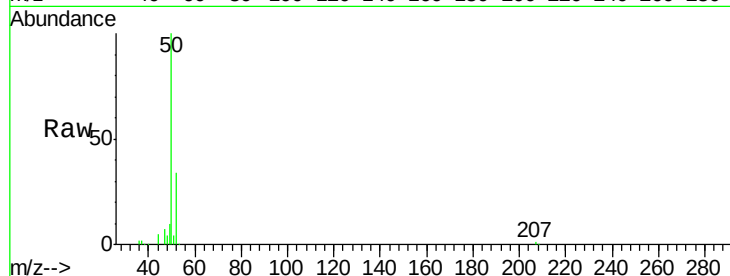
50 100

52 34.3 25.8 38.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.764 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002917.D

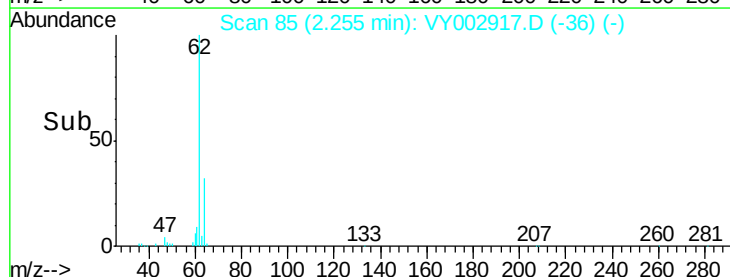
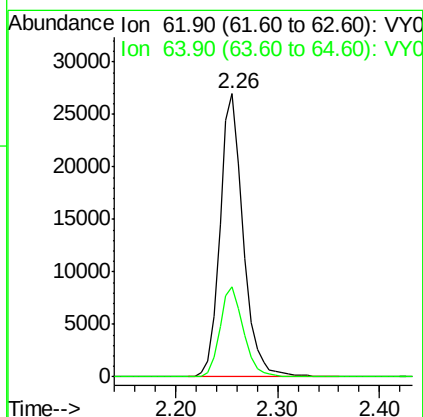
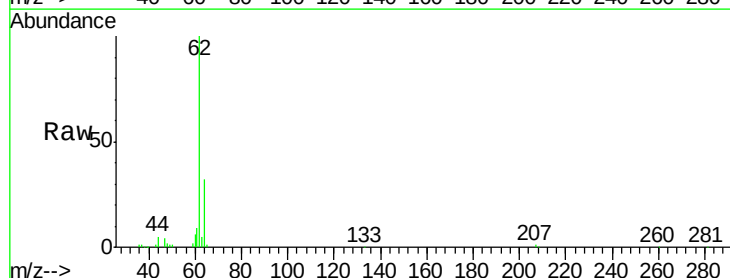
Acq: 18 Jun 2020 14:01

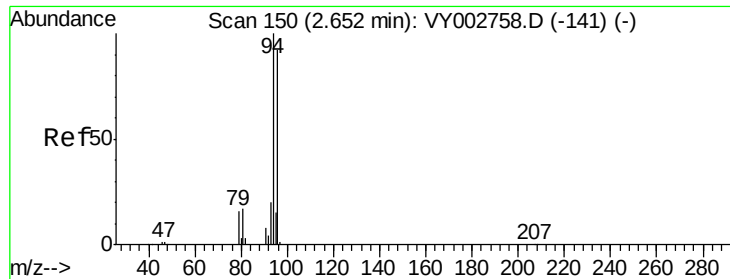
Tgt Ion: 62 Resp: 42681

Ion Ratio Lower Upper

62 100

64 32.0 26.1 39.1





#5

Bromomethane

Concen: 20.365 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 94 Resp: 32957

Ion Ratio Lower Upper

94 100

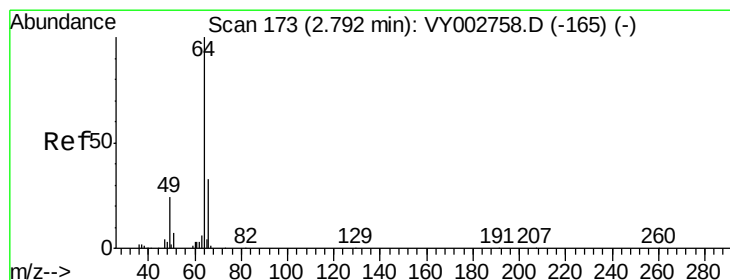
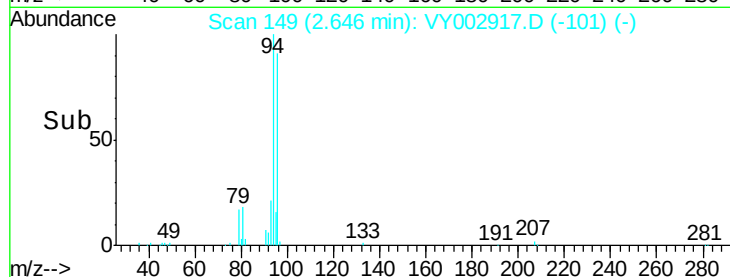
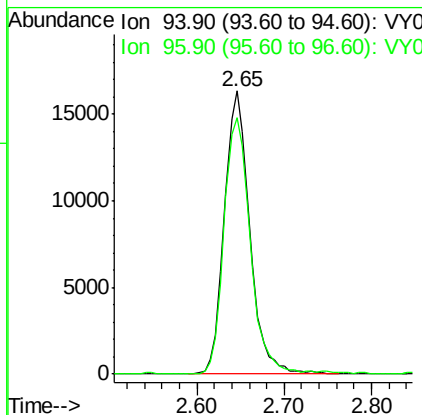
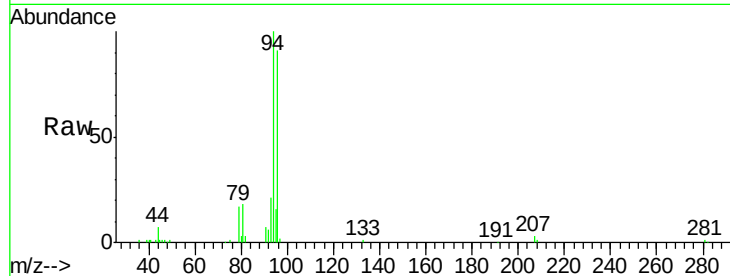
96 90.6 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 20.988 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002917.D

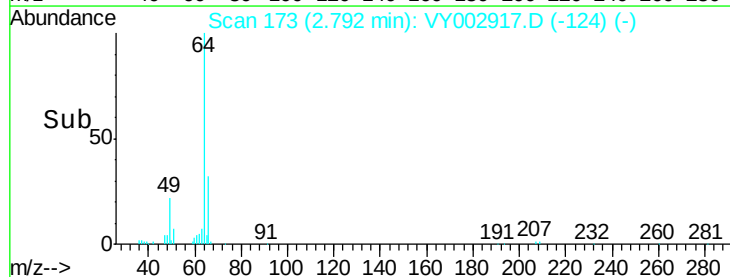
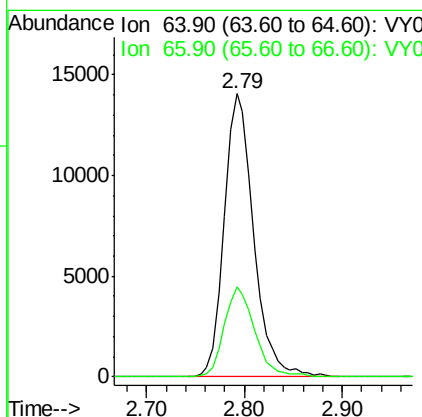
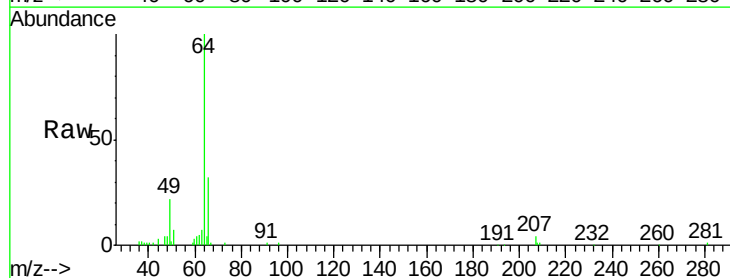
Acq: 18 Jun 2020 14:01

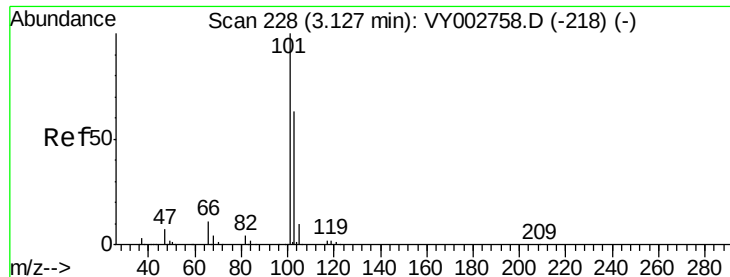
Tgt Ion: 64 Resp: 29381

Ion Ratio Lower Upper

64 100

66 31.7 26.4 39.6





#7

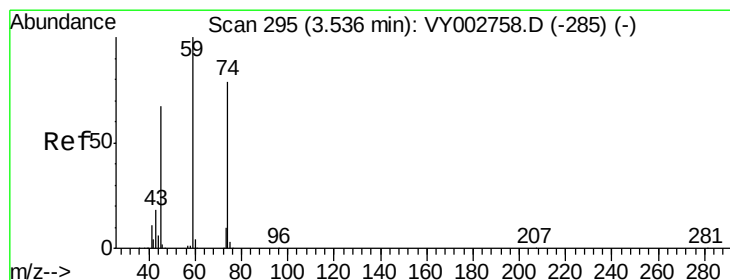
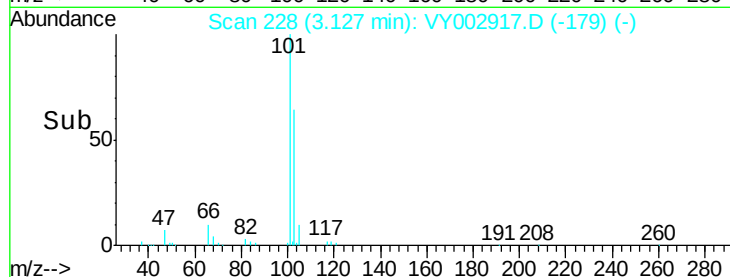
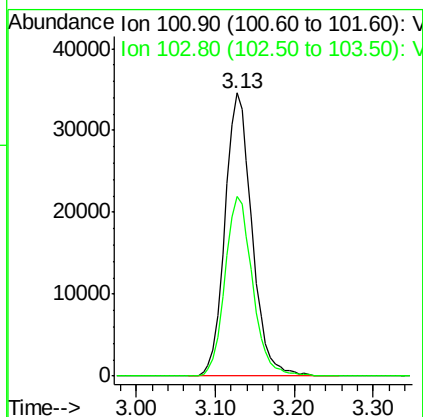
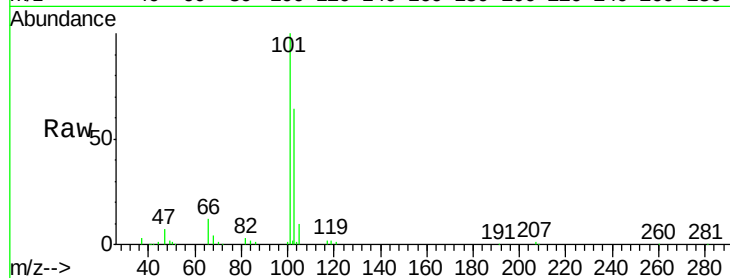
Trichlorofluoromethane
Concen: 21.512 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.6	76.0

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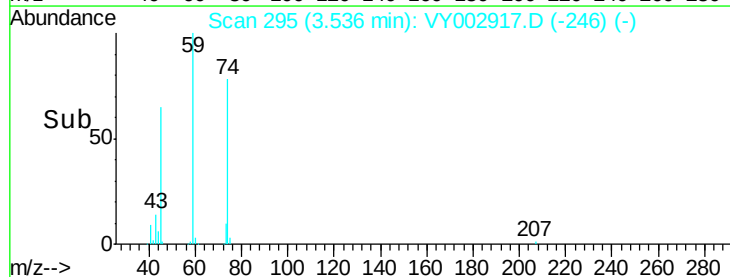
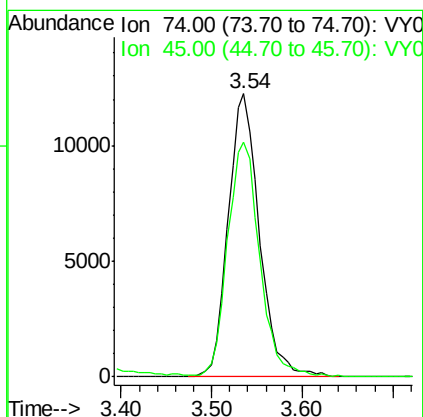
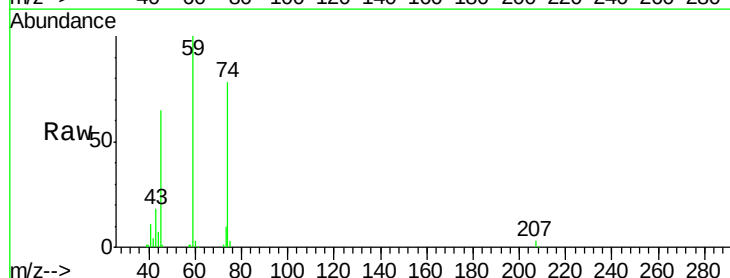
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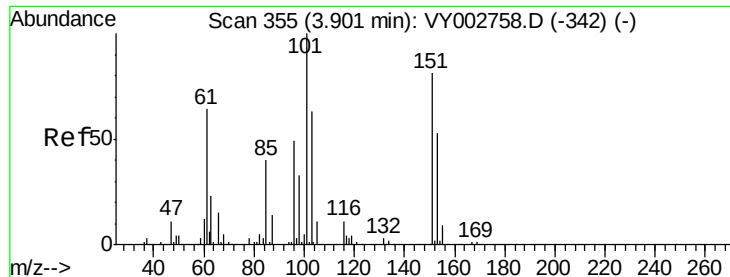


#8

Diethyl Ether
Concen: 19.573 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.7	44.0	131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.142 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

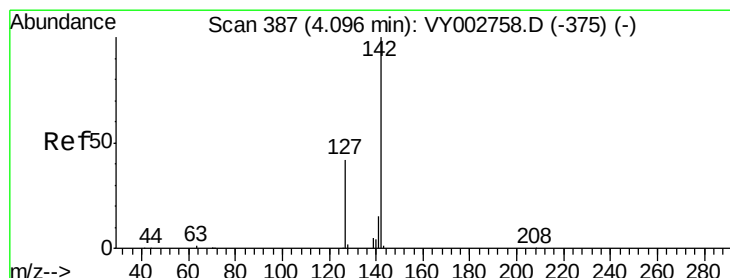
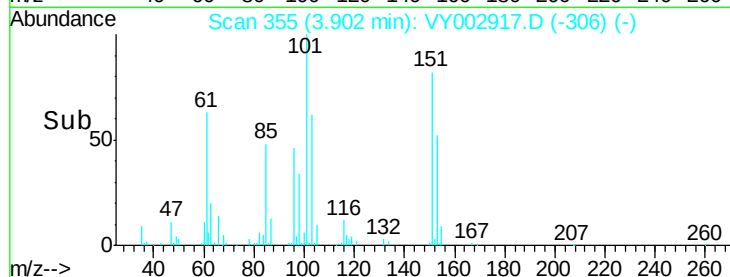
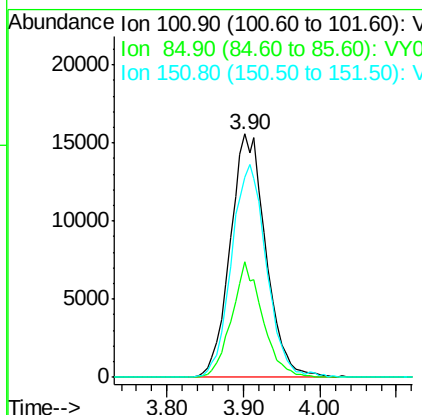
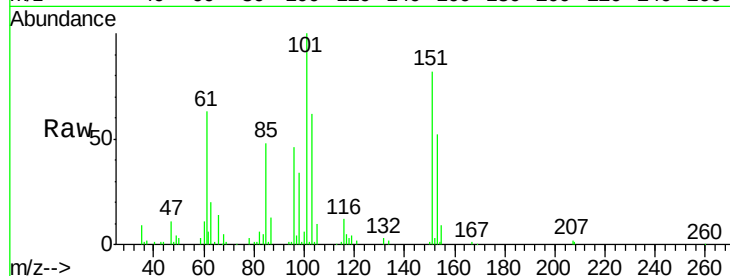
ClientSampleId :

VY0618SBS01

Tot Ion:	101	Resp:	50281
Ion Ratio	Lower	Upper	
101	100		
85	41.1	32.7	49.1
151	85.9	68.0	102.0

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#10

Methyl Iodide

Concen: 20.271 ug/l

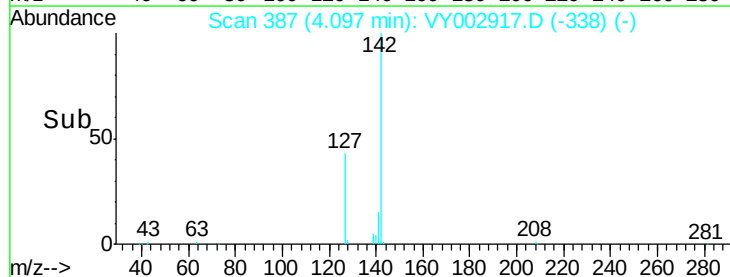
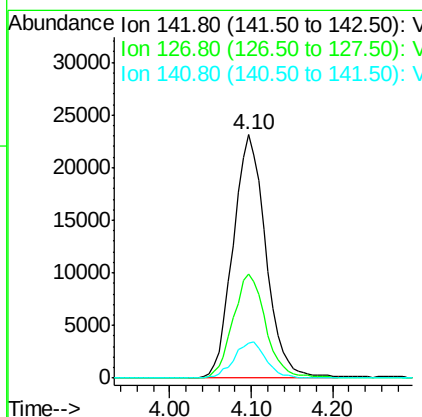
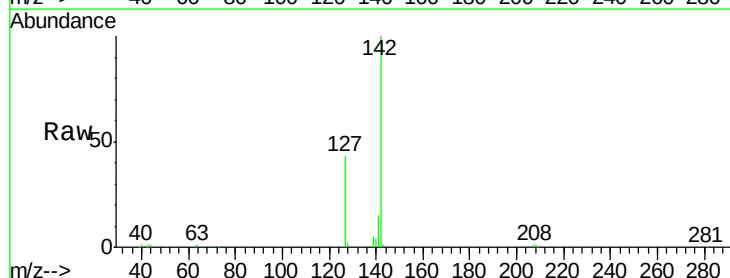
RT: 4.10 min Scan# 387

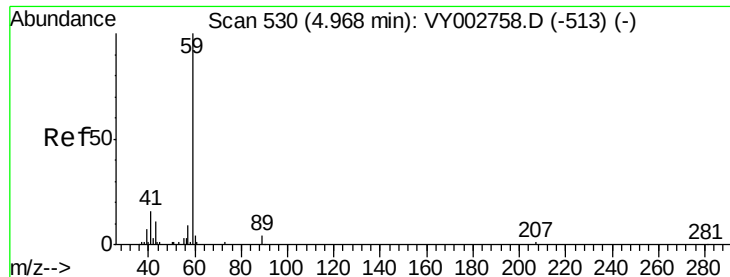
Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Tgt Ion:	142	Resp:	64412
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.3	49.9
141	14.5	11.5	17.3





#11

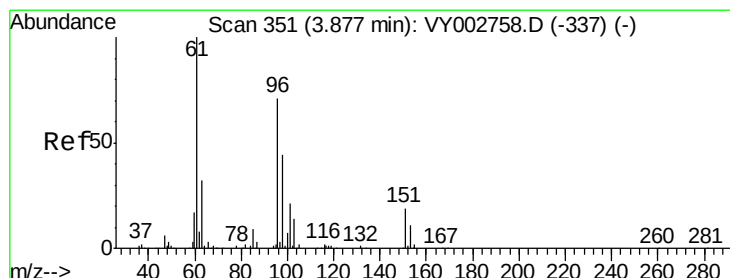
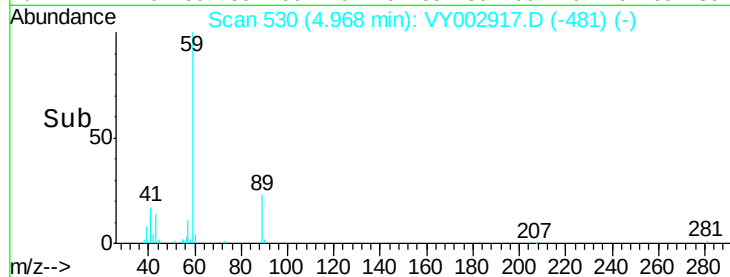
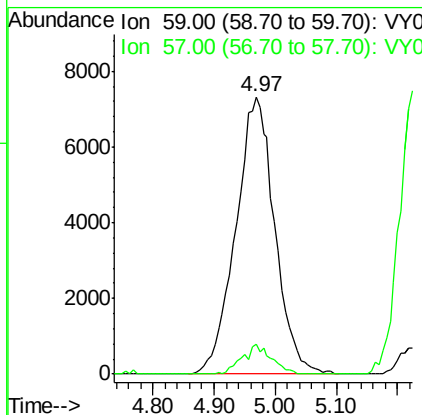
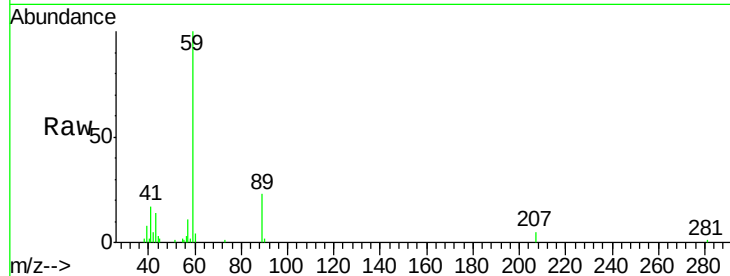
Tert butyl alcohol
 Concen: 122.786 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.0	7.7	11.5

Manual Integrations
 APPROVED

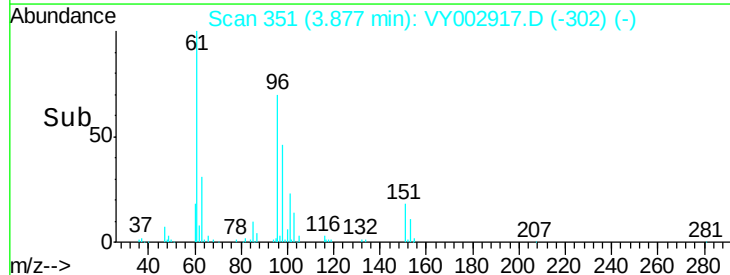
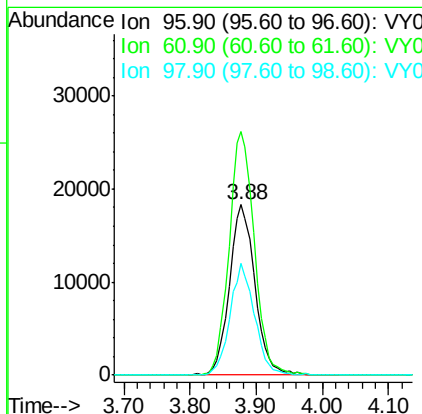
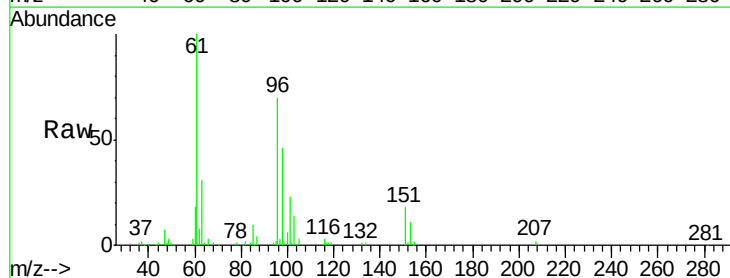
MMDadoda
 6/19/2020 1:12:14 PM

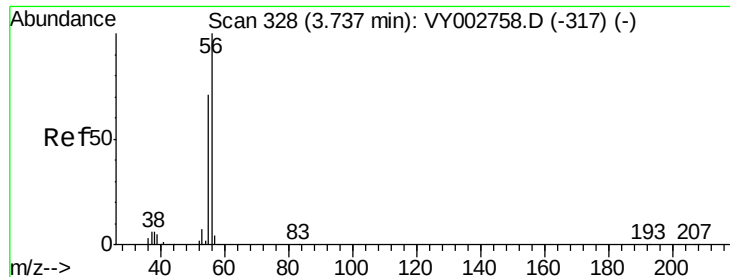


#12

1,1-Dichloroethene
 Concen: 21.516 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.8	112.6	168.8
98	65.3	50.0	75.0





#13

Acrolein

Concen: 66.960 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 56 Resp: 18290

Ion Ratio Lower Upper

56 100

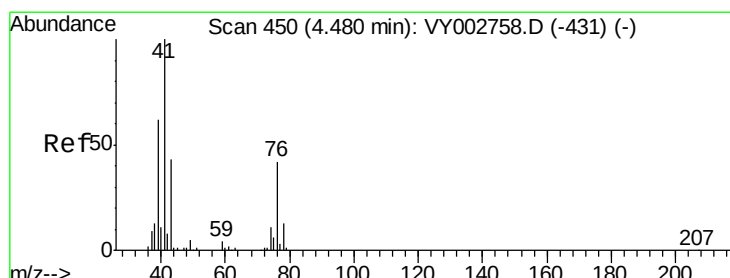
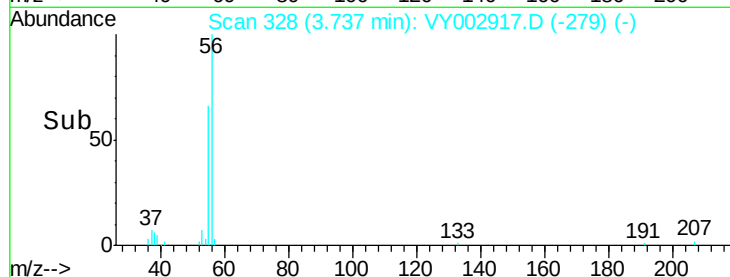
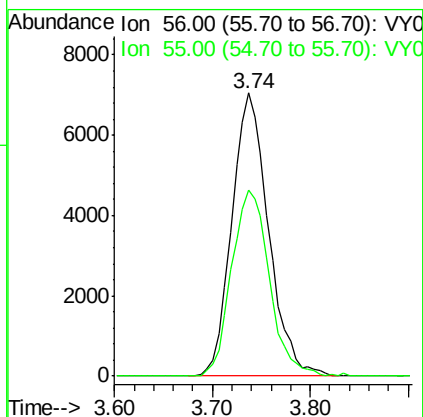
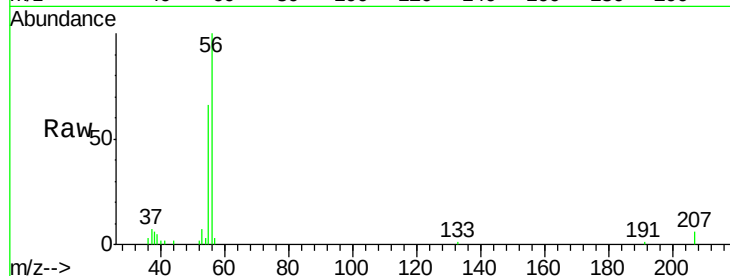
55 67.6 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 21.013 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

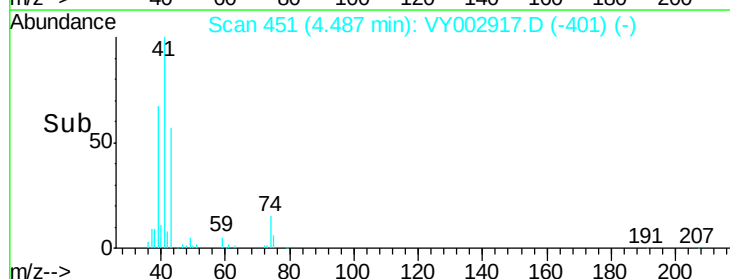
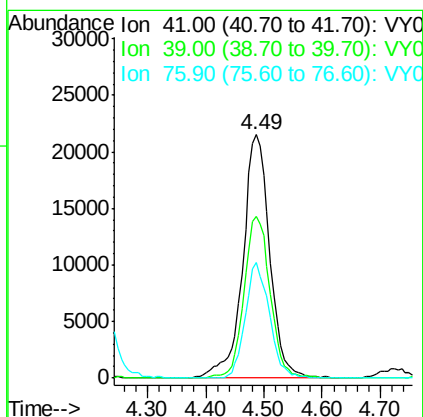
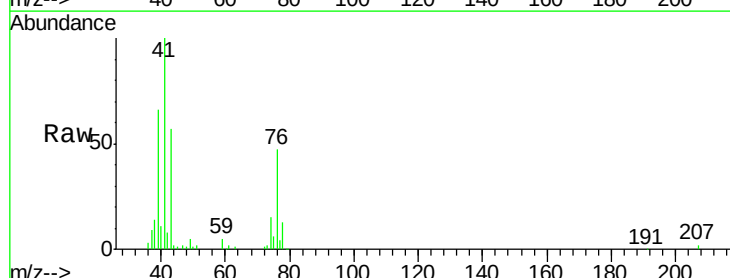
Tgt Ion: 41 Resp: 68826

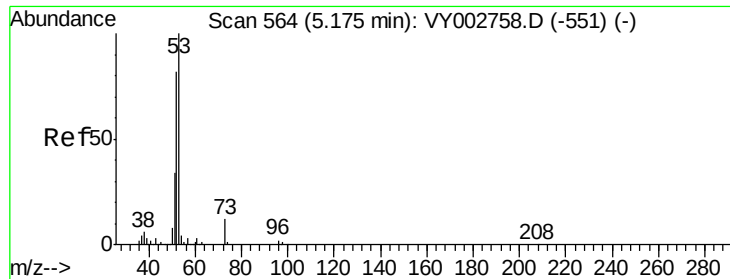
Ion Ratio Lower Upper

41 100

39 64.6 49.9 74.9

76 42.4 33.2 49.8





#15

Acrylonitrile

Concen: 107.549 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

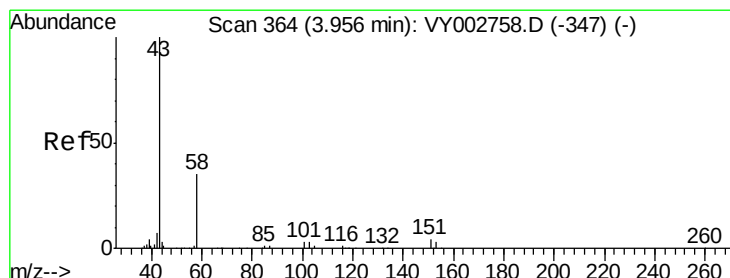
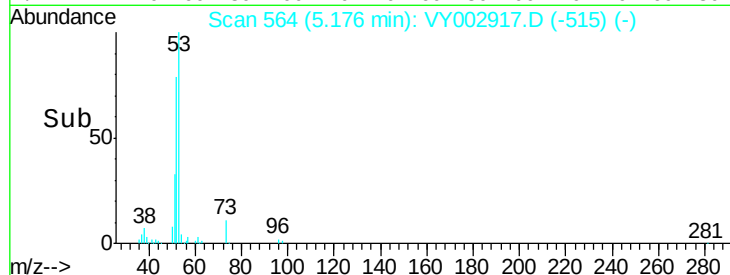
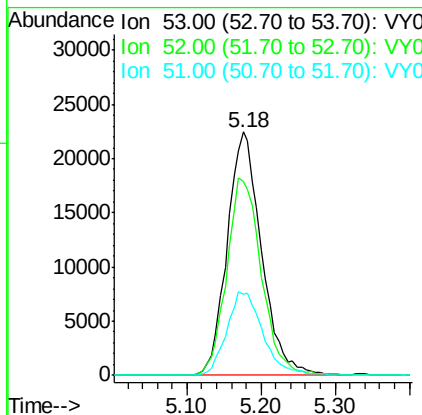
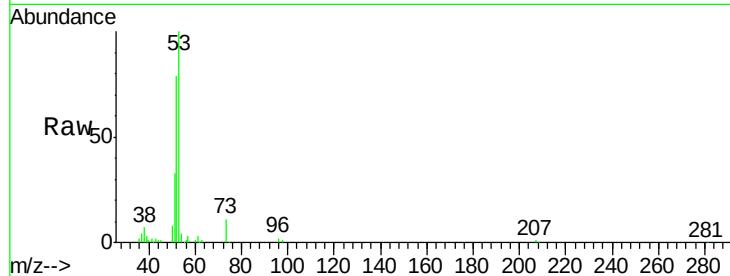
ClientSampleId :

VY0618SBS01

Tot Ion:	53	Resp:	72459
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.3	97.9
51	36.2	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 112.860 ug/l

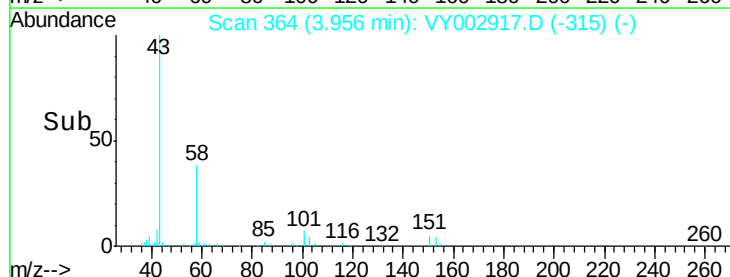
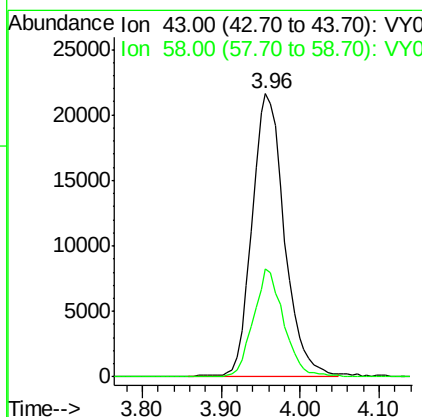
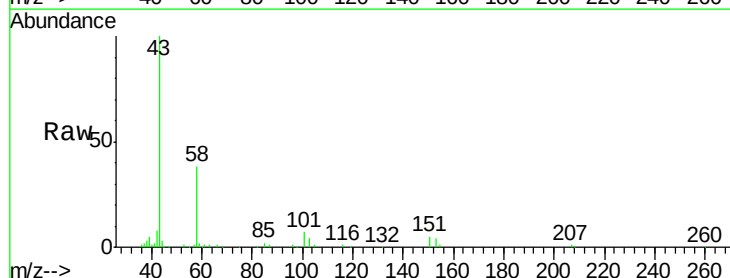
RT: 3.96 min Scan# 364

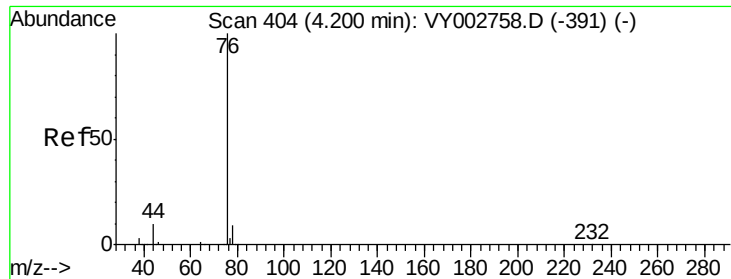
Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Tgt Ion:	43	Resp:	61684
Ion Ratio	Lower	Upper	
43	100		
58	38.1	27.7	41.5





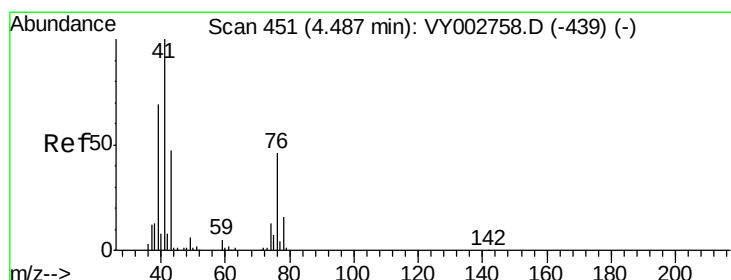
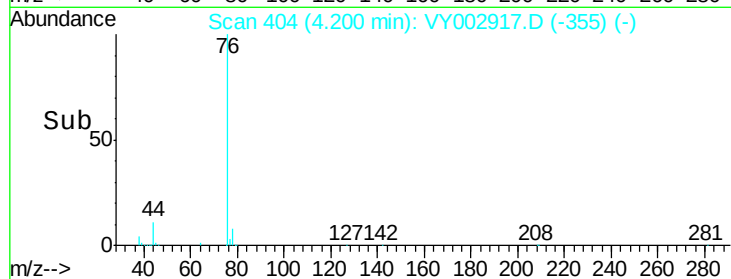
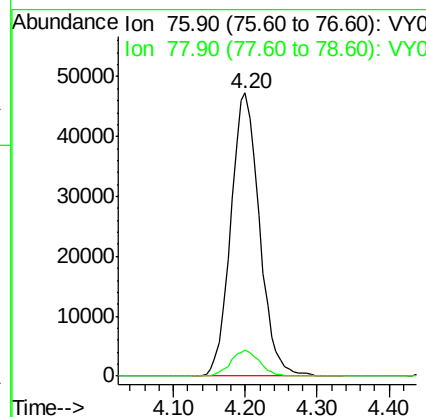
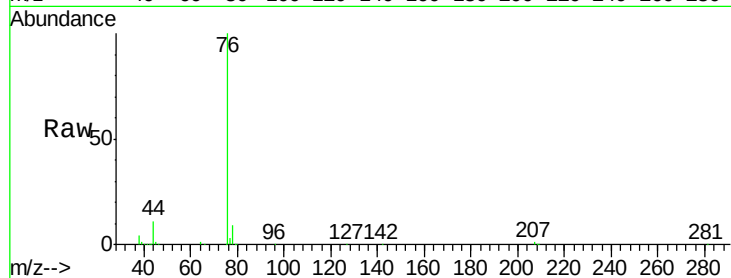
#17
Carbon Disulfide
Concen: 18.976 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
76	100			
78	9.2	6.9	10.3	

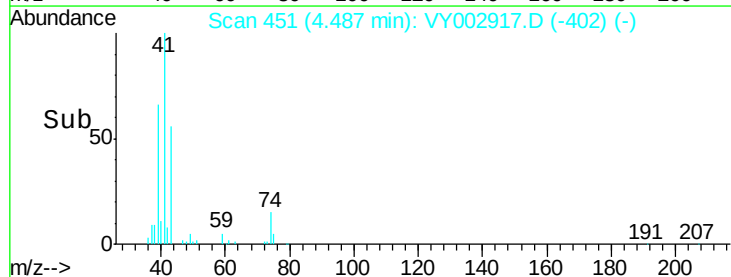
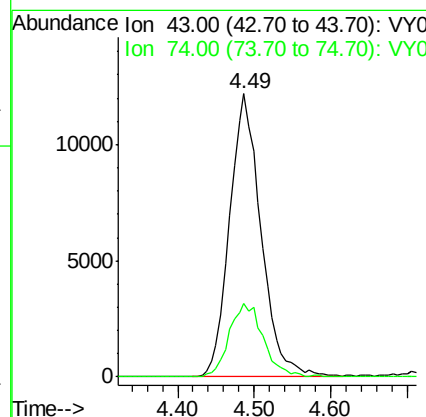
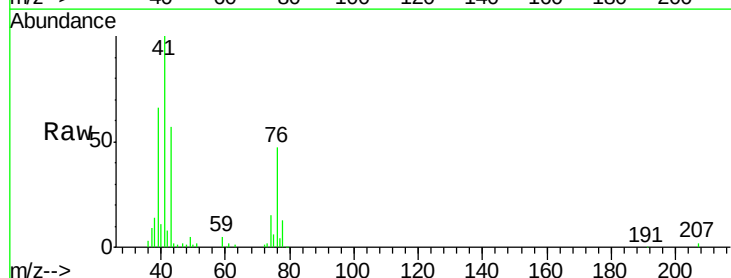
Manual Integrations
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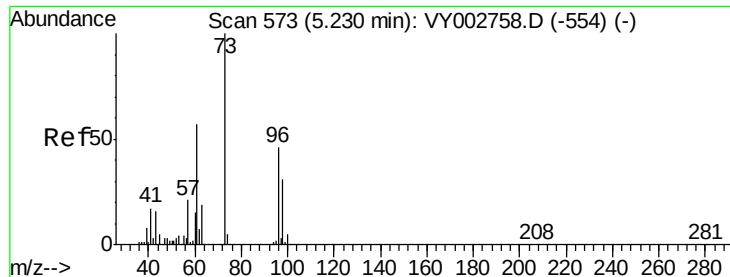
MMDadoda
6/19/2020 1:12:14 PM



#18
Methyl Acetate
Concen: 24.871 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
74	27.7	21.4	32.0	





#19

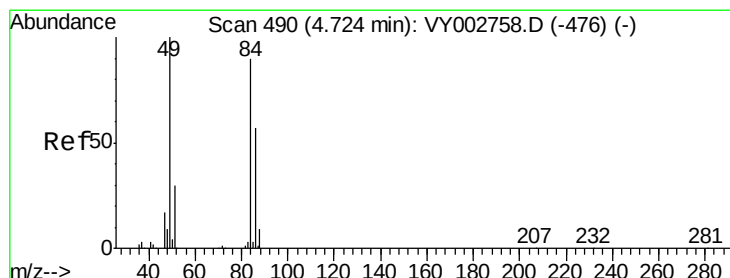
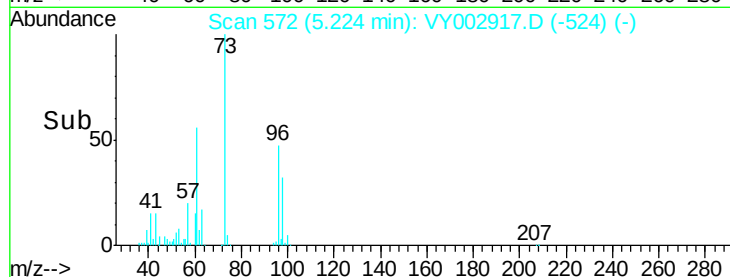
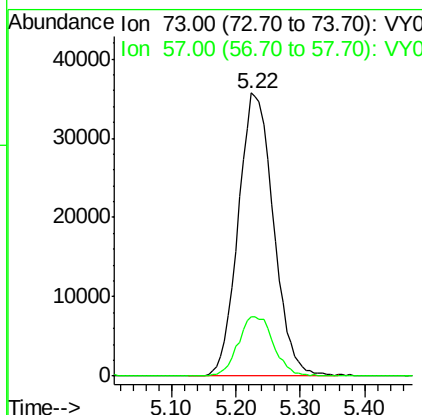
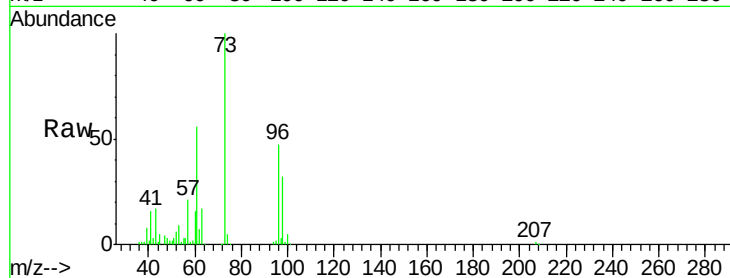
Methyl tert-butyl Ether
 Concen: 21.359 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.0	25.4

Manual Integrations
 APPROVED

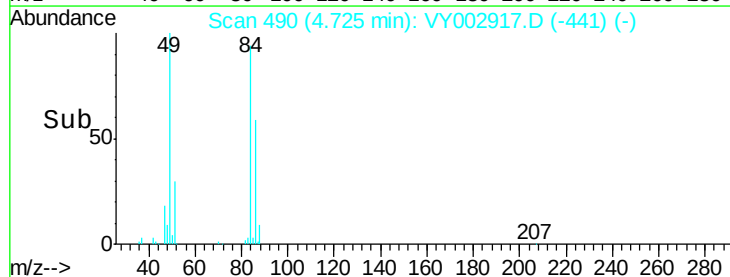
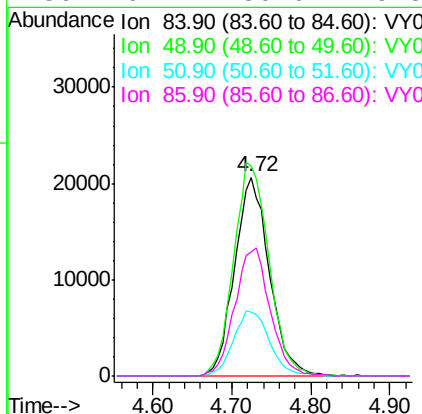
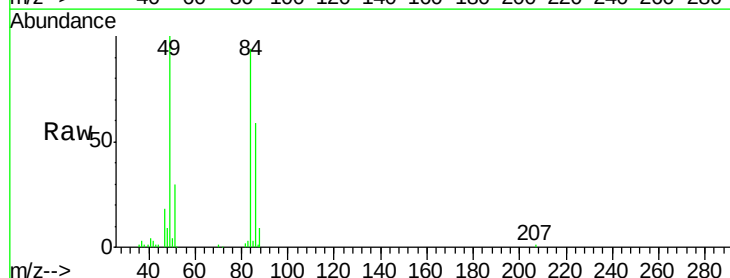
MMDadoda
 6/19/2020 1:12:14 PM

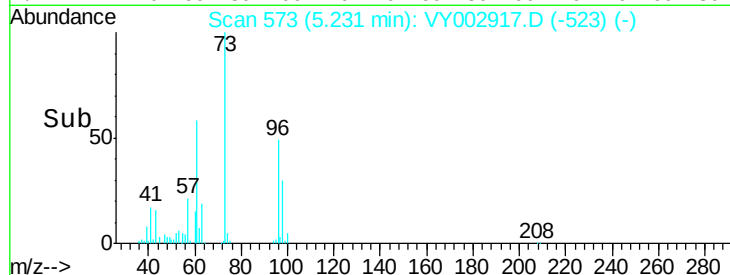
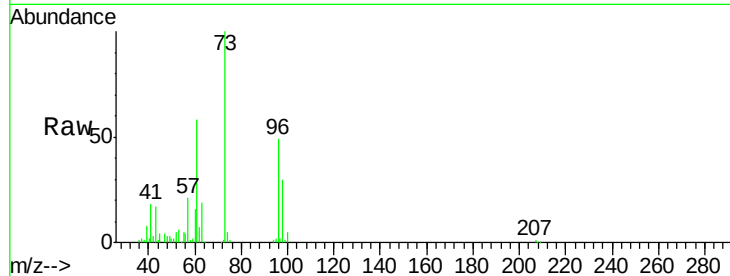
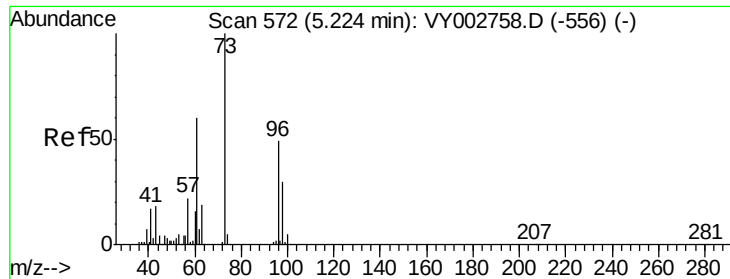


#20

Methylene Chloride
 Concen: 23.727 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.9	88.5	132.7
51	32.0	26.8	40.2
86	62.4	50.6	75.8





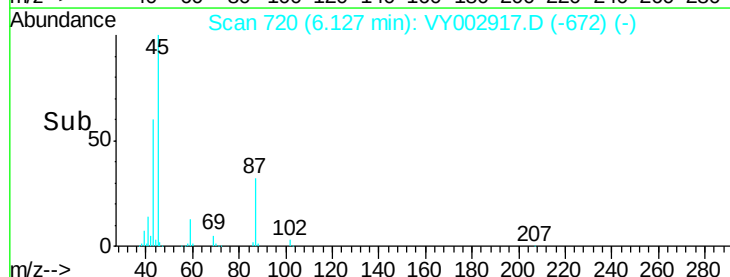
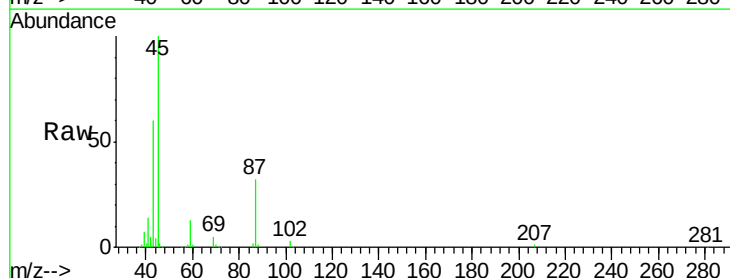
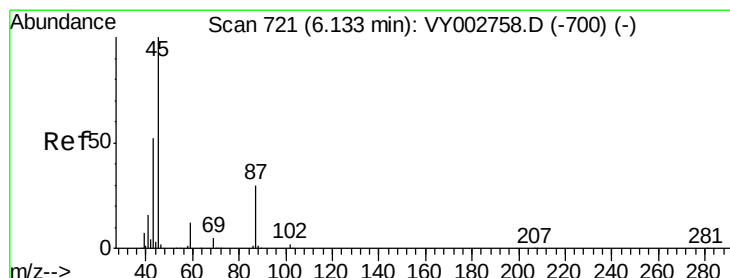
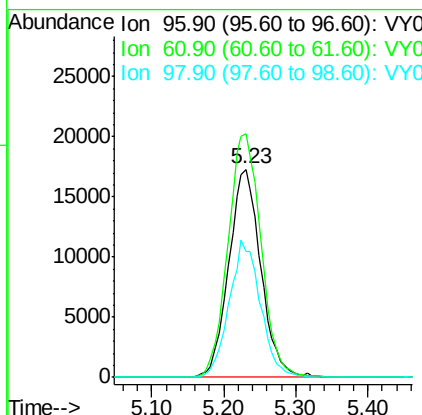
#21
trans-1,2-Dichloroethene
Concen: 20.820 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.9	96.8	145.2
98	60.4	49.4	74.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

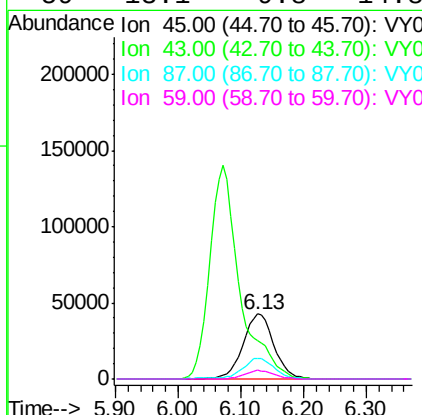
Manual Integrations
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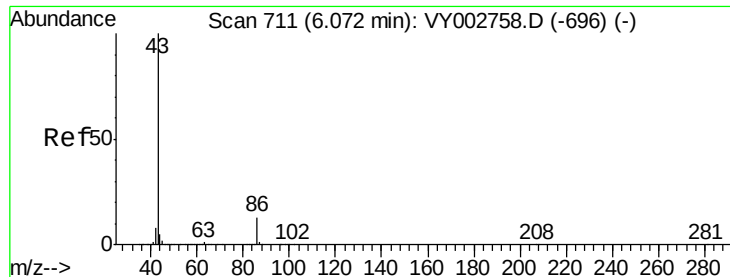
MMDadoda
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#22
Diisopropyl ether
Concen: 21.280 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.01 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.3	41.7	62.5
87	32.5	24.2	36.2
59	13.1	9.8	14.8





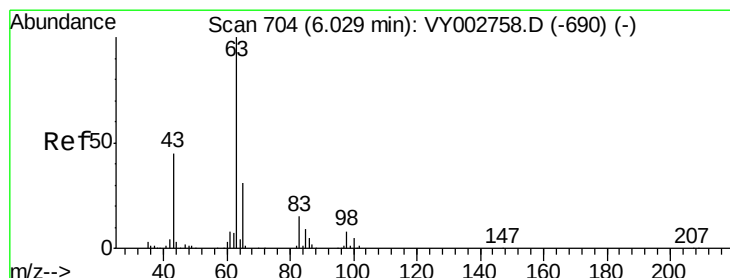
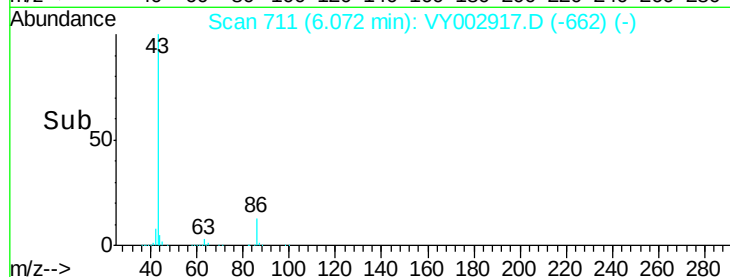
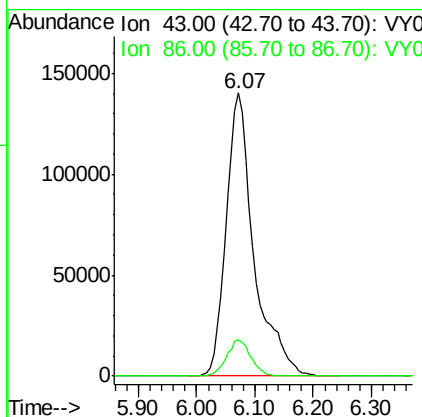
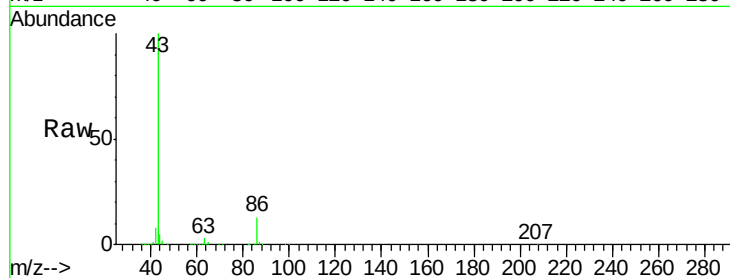
#23
 Vinyl Acetate
 Concen: 103.410 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	12.8	10.2	15.2

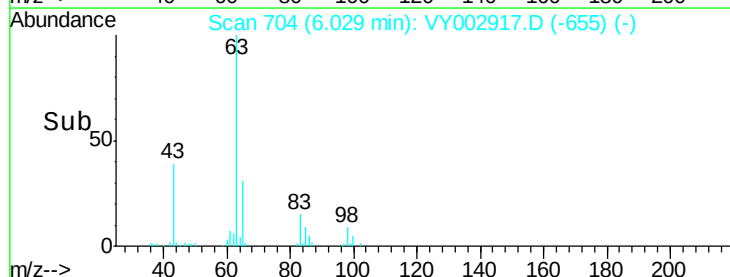
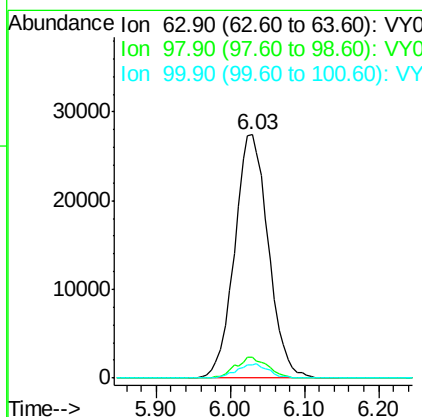
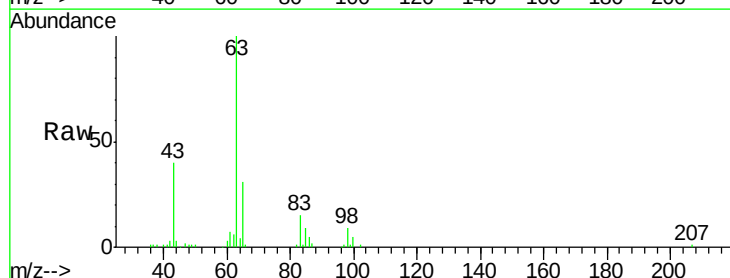
Manual Integrations
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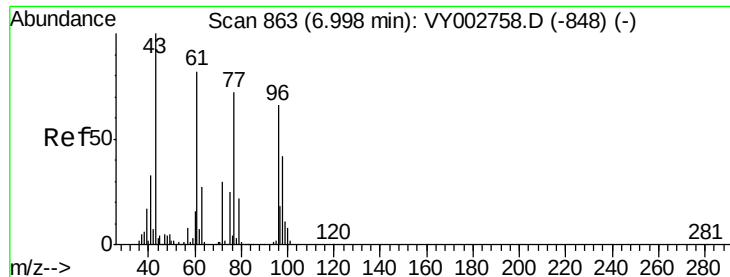
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#24
 1,1-Dichloroethane
 Concen: 21.852 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
63	100		
98	8.6	4.0	12.2
100	5.4	2.4	7.1





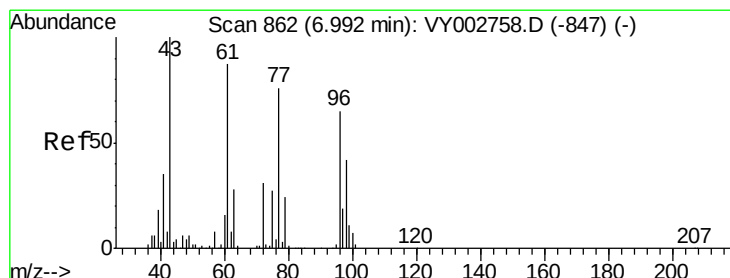
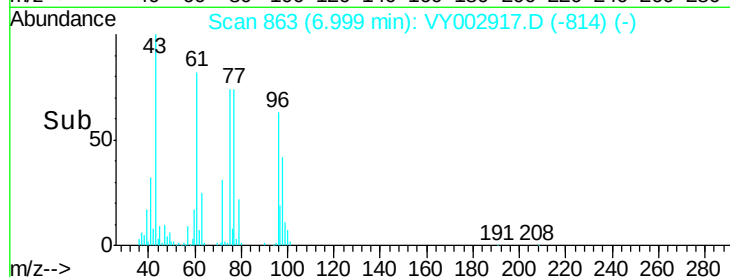
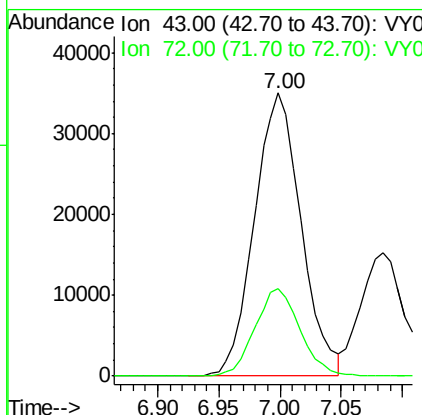
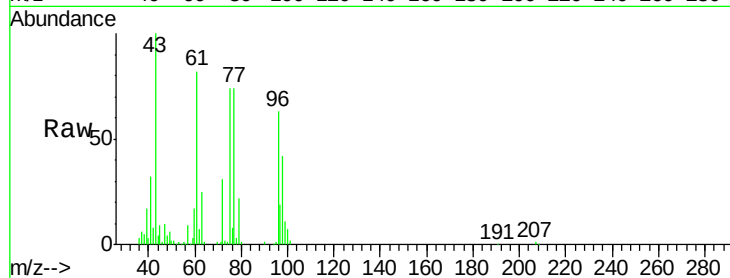
#25
2-Butanone
Concen: 109.360 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
72	30.8	23.9	35.9

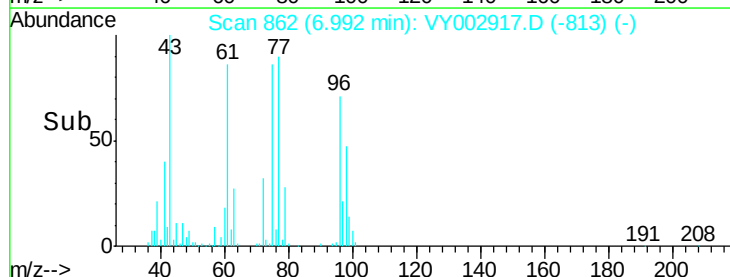
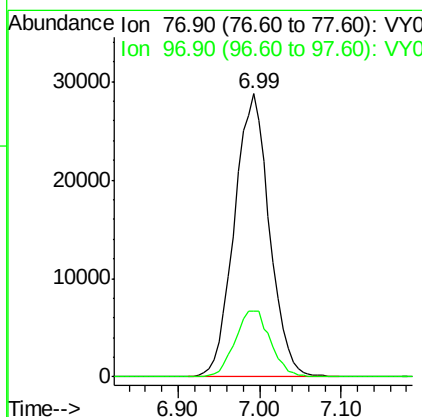
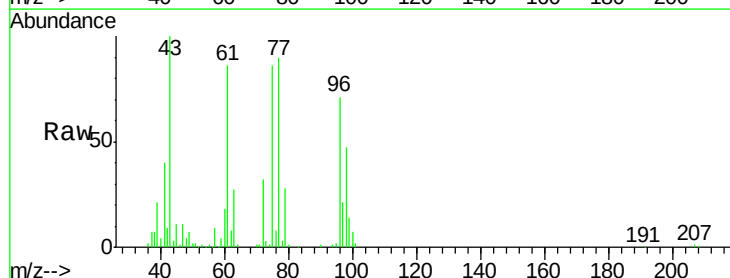
Manual Integrations
APPROVED

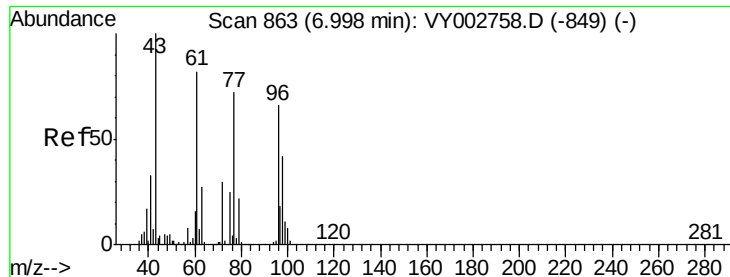
MMDadoda
6/19/2020 1:12:14 PM



#26
2,2-Dichloropropane
Concen: 22.399 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.7	12.2	36.6





#27

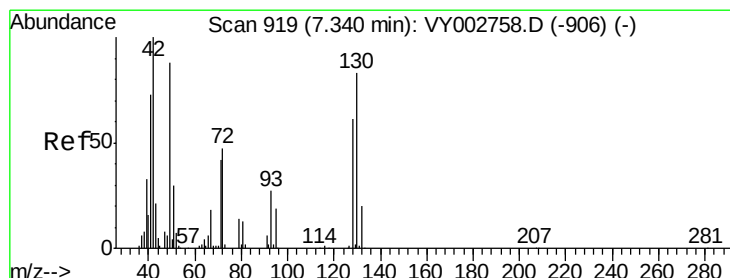
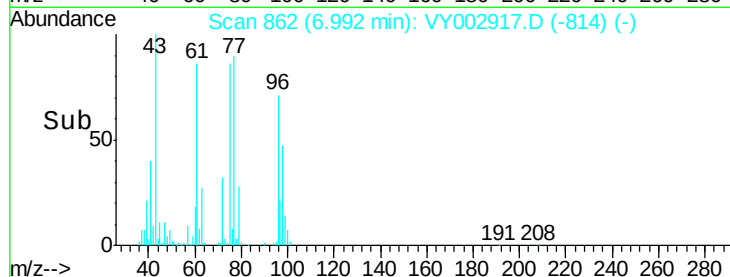
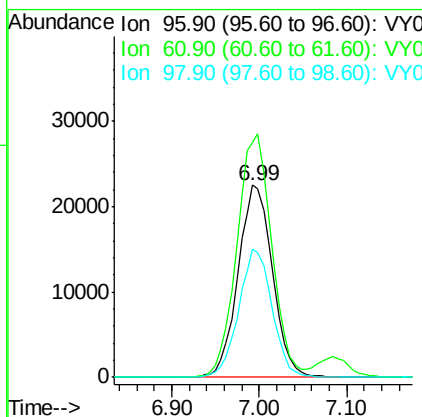
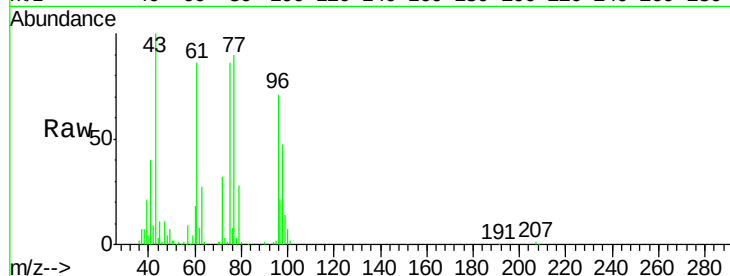
cis-1,2-Dichloroethene
Concen: 21.367 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	260.2
98	64.4	0.0	128.2

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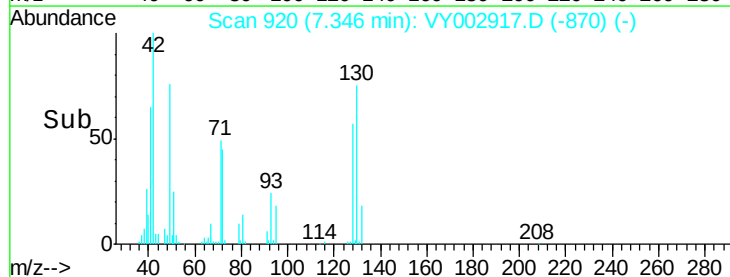
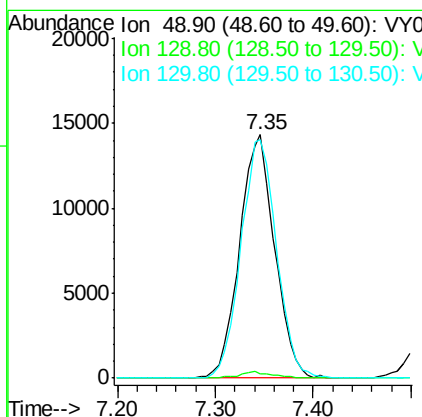
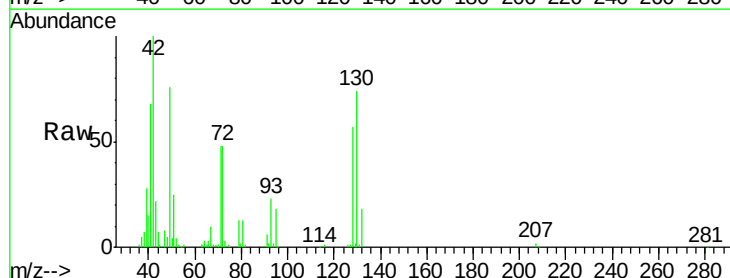
MMDadoda
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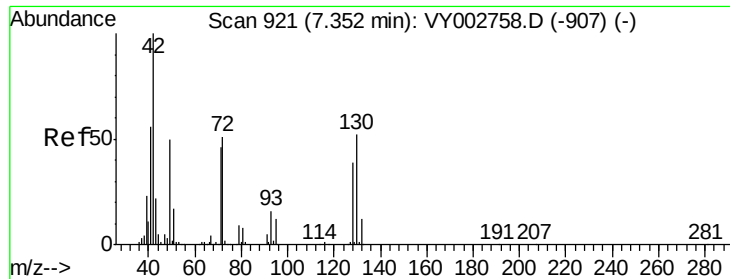


#28

Bromochloromethane
Concen: 21.769 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	99.5	77.1	115.7





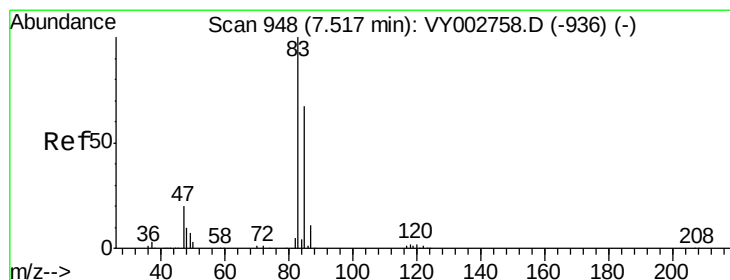
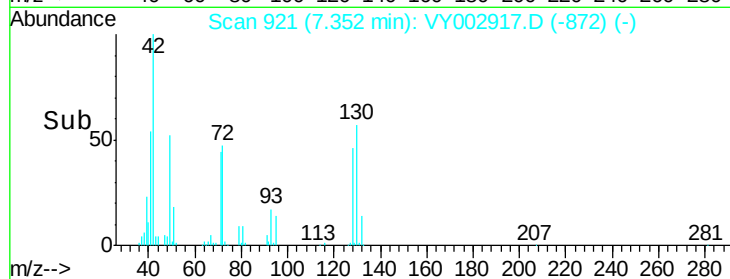
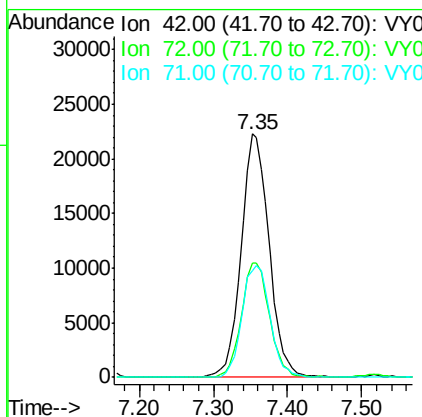
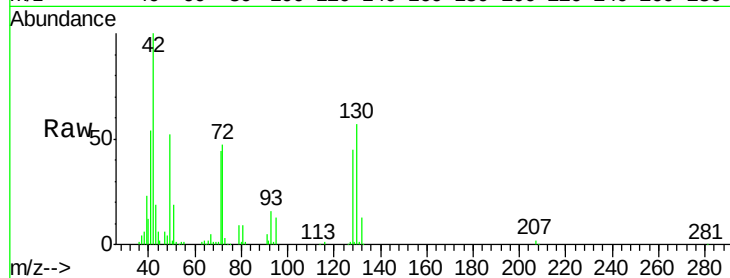
#29
Tetrahydrofuran
Concen: 105.989 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	38.6	58.0
71	46.0	35.8	53.8

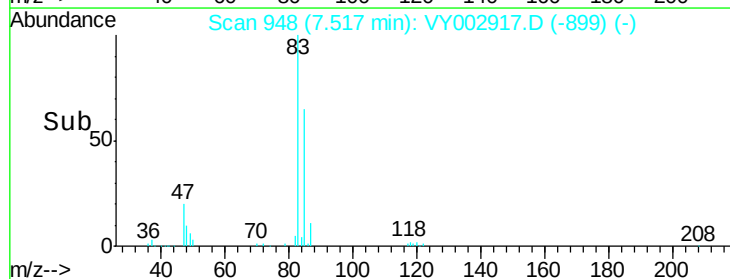
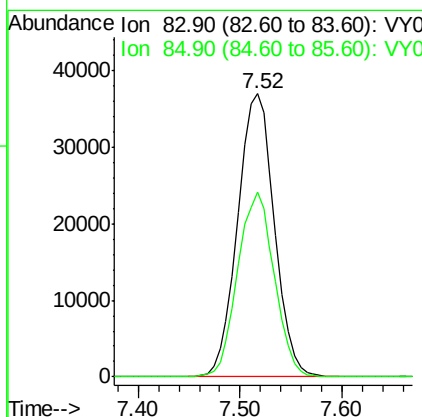
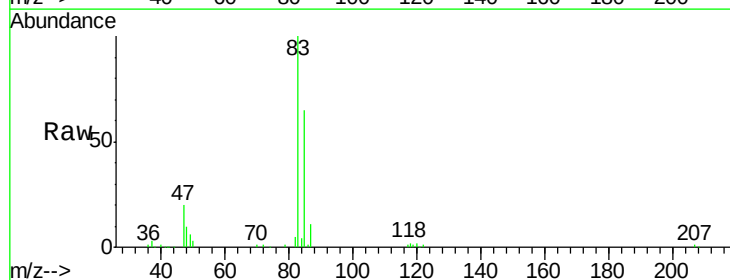
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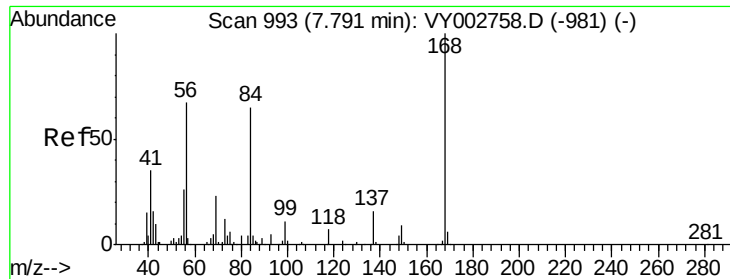
MMDadoda
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#30
Chloroform
Concen: 21.864 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	53.8	80.8





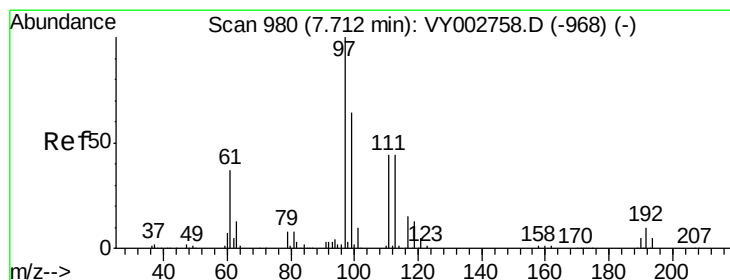
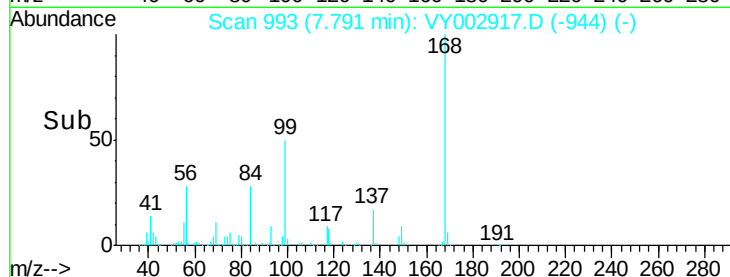
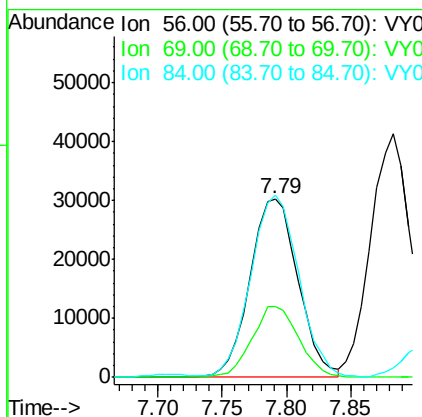
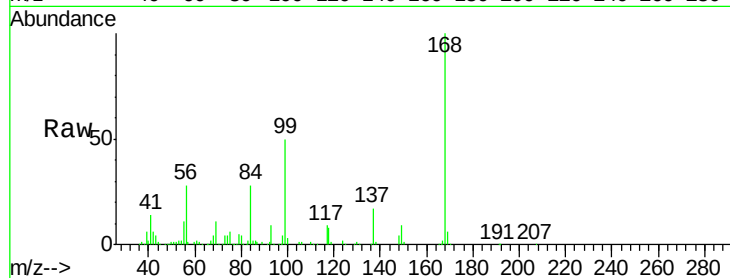
#31
Cyclohexane
Concen: 19.858 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.4	28.0	42.0
84	100.9	77.7	116.5

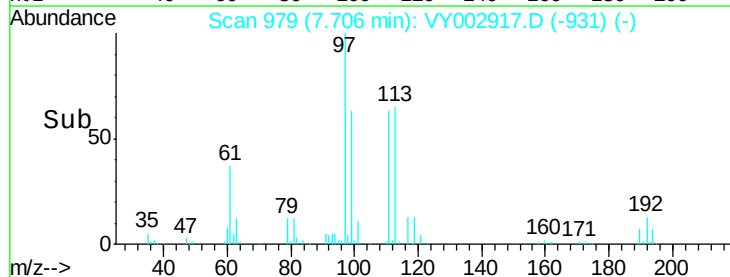
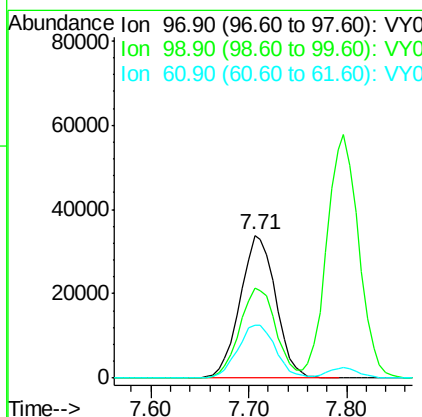
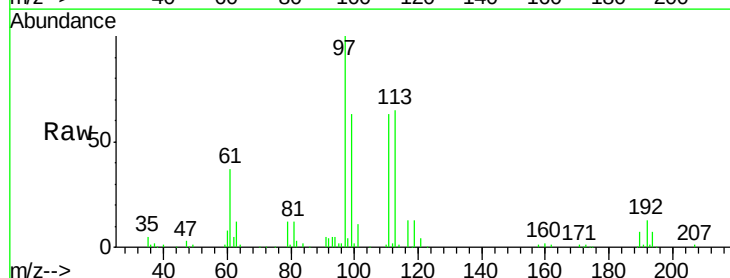
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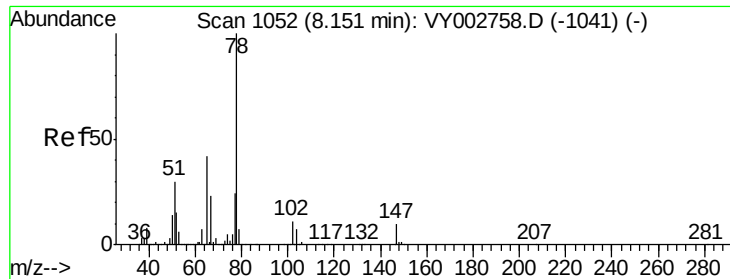
MMDadoda
6/19/2020 1:12:14 PM



#32
1,1,1-Trichloroethane
Concen: 21.766 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	39.1	30.1	45.1





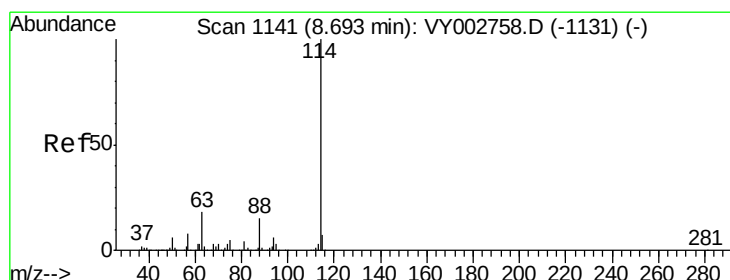
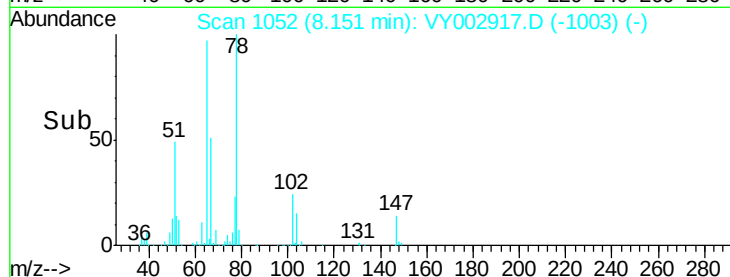
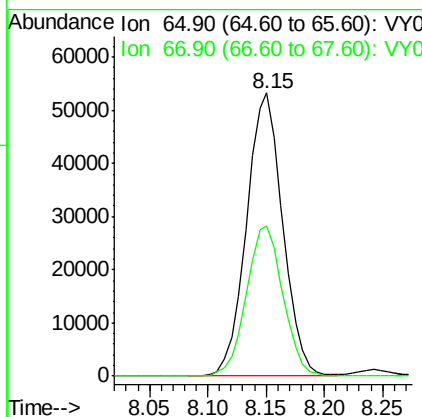
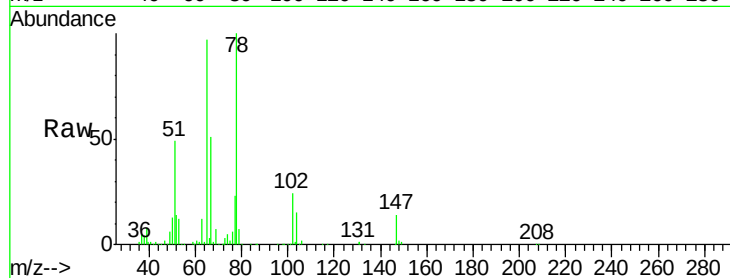
#33
 1,2-Dichloroethane-d4
 Concen: 49.285 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.6	0.0	111.0	

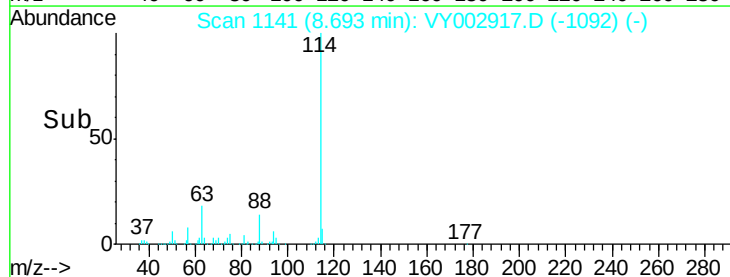
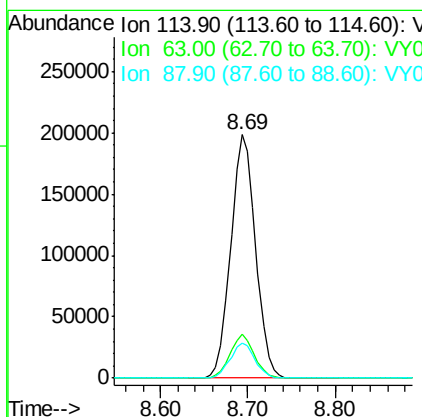
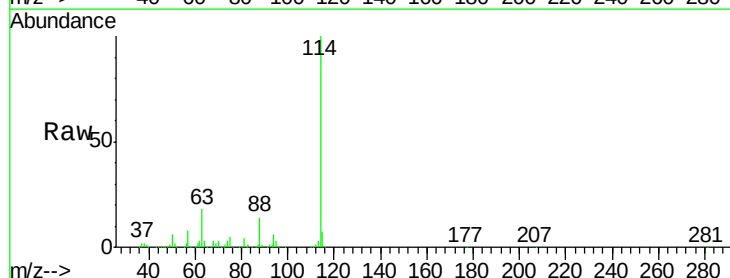
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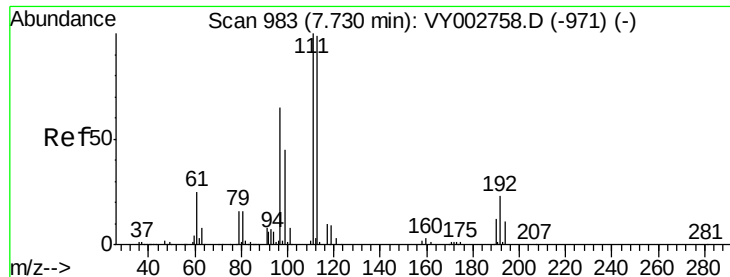
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.9	0.0	35.2	
88	14.2	0.0	29.2	





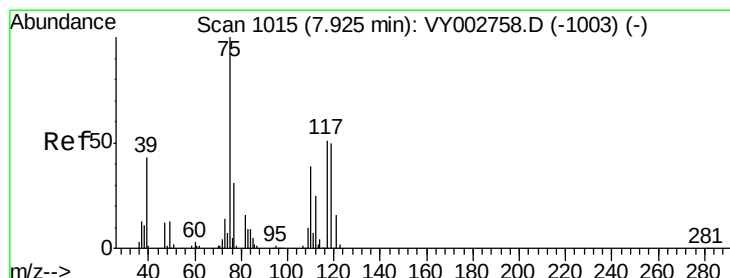
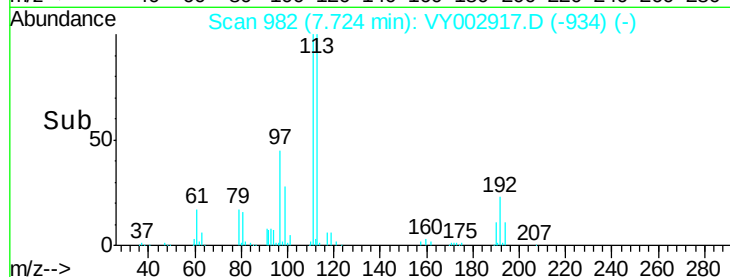
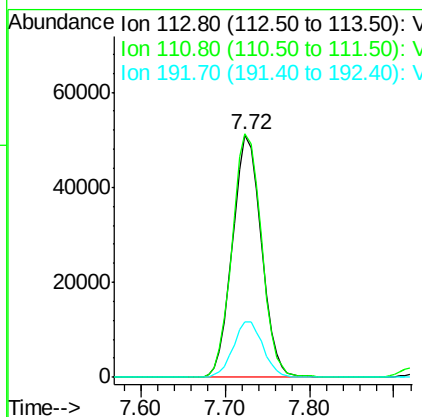
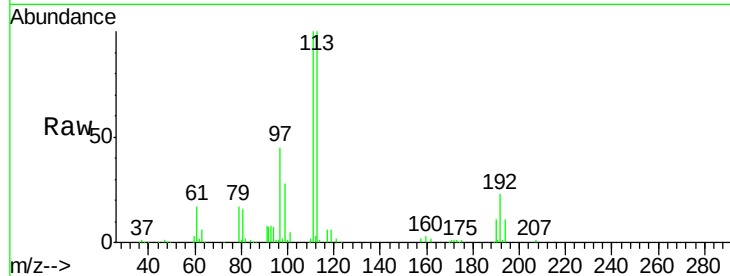
#35
 Dibromofluoromethane
 Concen: 51.662 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	117993		
111	102.3	82.0	123.0	
192	23.5	18.9	28.3	

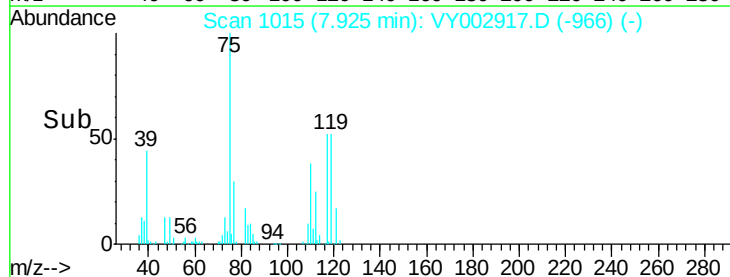
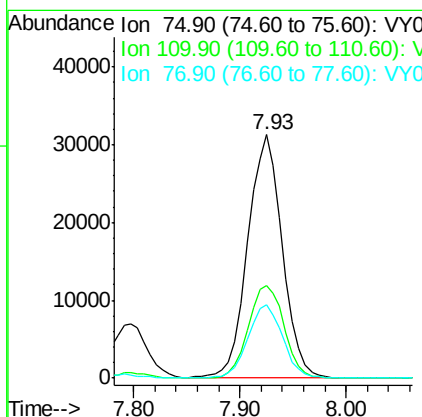
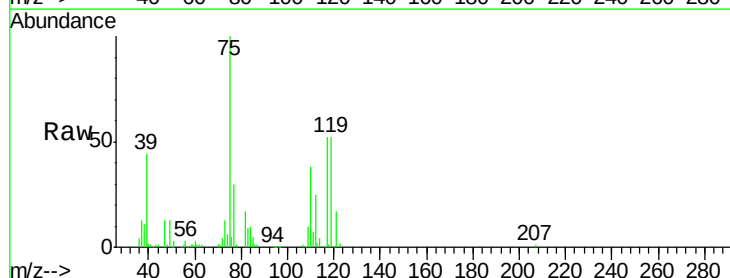
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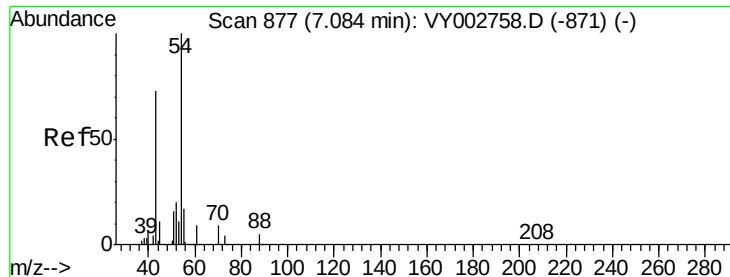
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 6/19/2020 1:12:14 PM



#36
 1,1-Dichloropropene
 Concen: 21.692 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	71213		
110	39.2	19.3	57.9	
77	30.4	24.8	37.2	





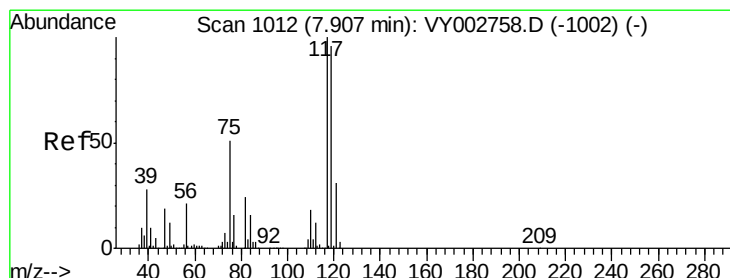
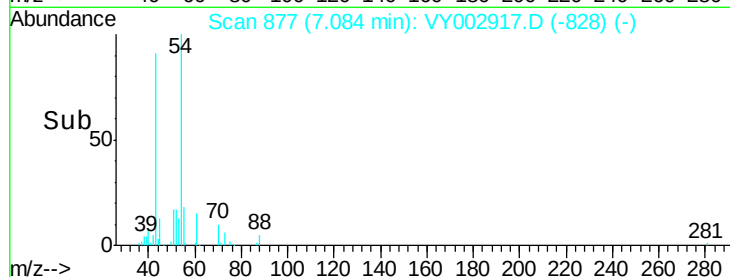
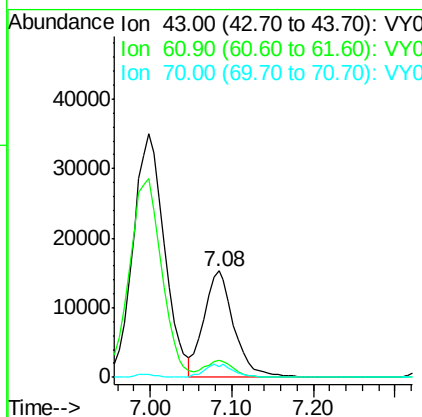
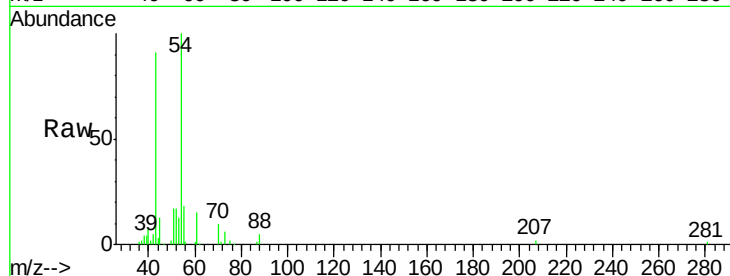
#37
Ethyl Acetate
Concen: 22.144 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.9	17.9
70	11.7	9.1	13.7

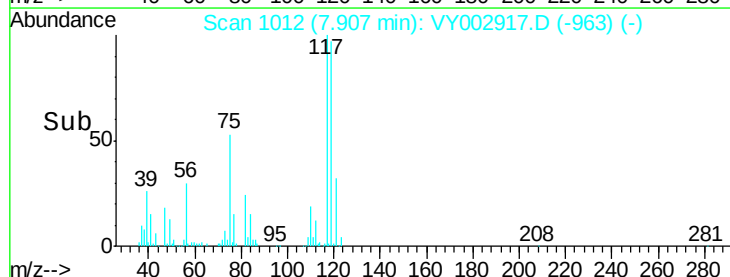
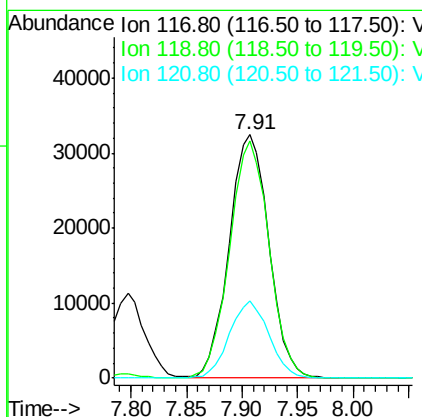
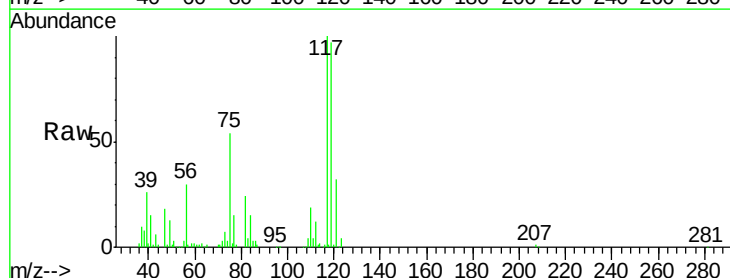
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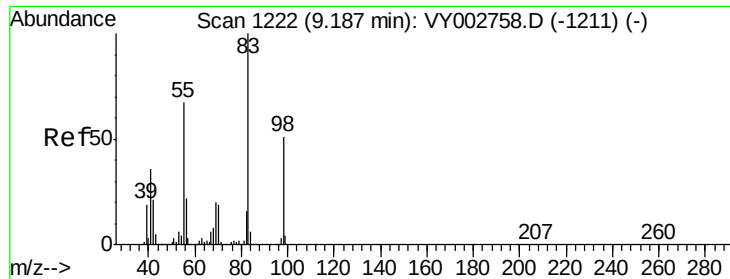
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#38
Carbon Tetrachloride
Concen: 22.075 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.8	115.2
121	31.9	24.8	37.2





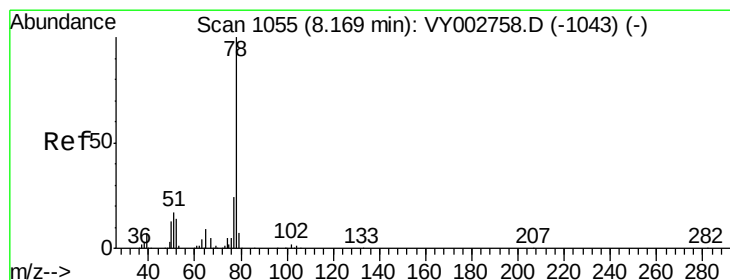
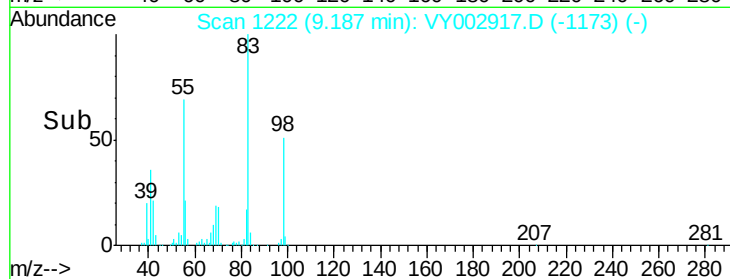
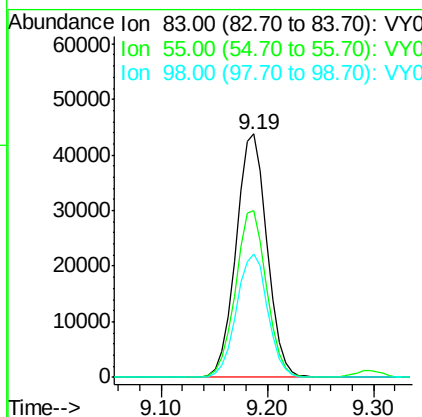
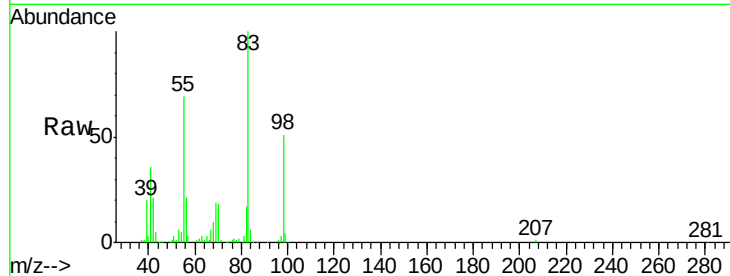
#39
Methylvlcyclohexane
Concen: 20.666 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	83	Resp	89426
Ion	Ratio	Lower	Upper
83	100		
55	68.6	53.3	79.9
98	50.5	41.1	61.7

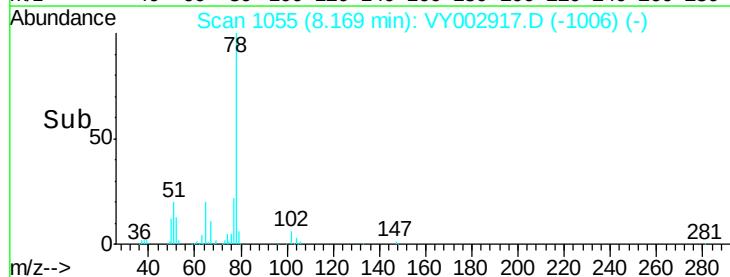
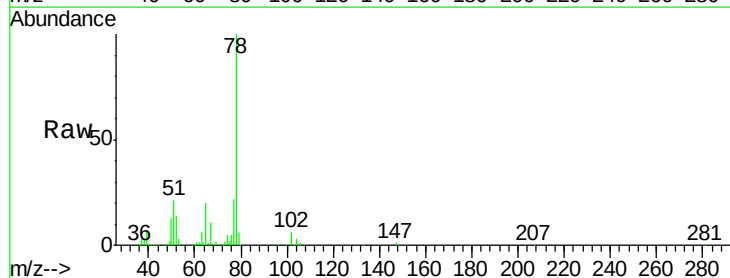
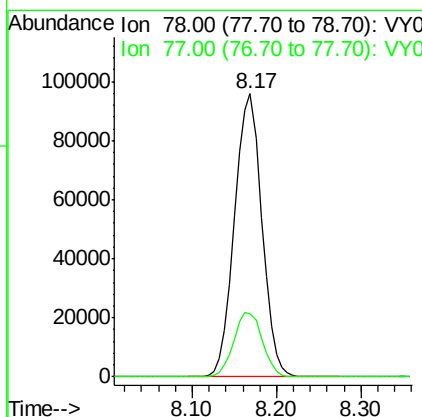
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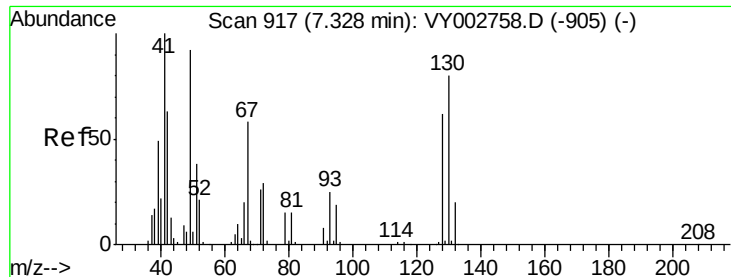
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#40
Benzene
Concen: 21.588 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	78	Resp	209406
Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.8	28.2





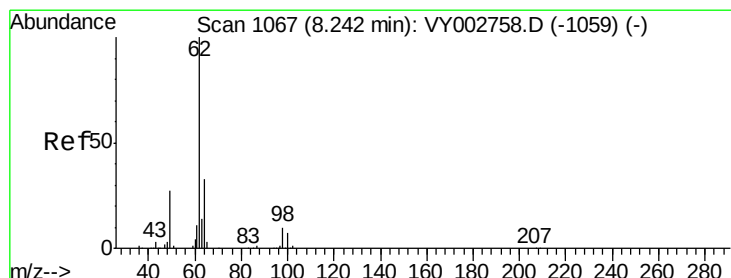
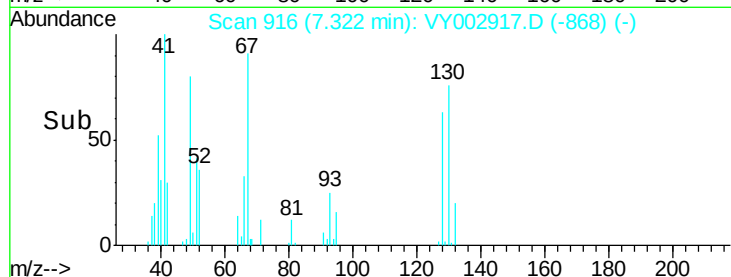
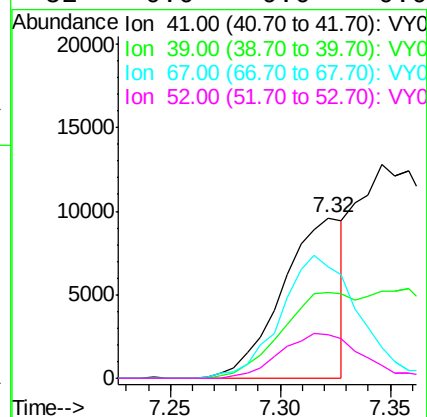
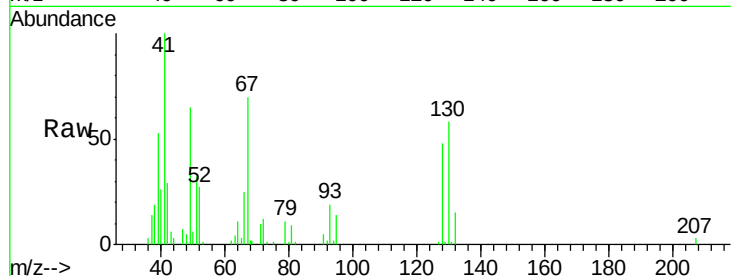
#41
Methacrylonitrile
Concen: 19.555 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

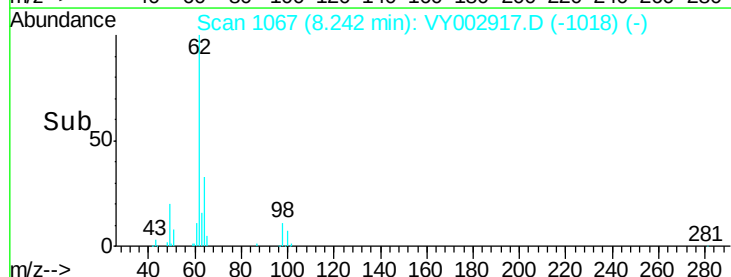
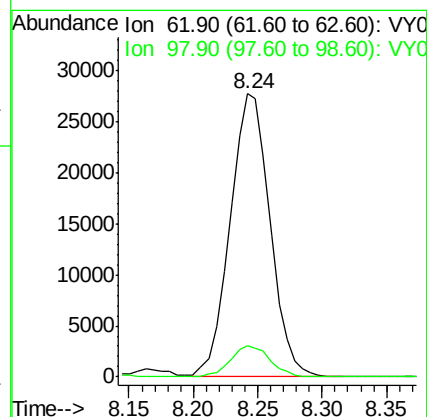
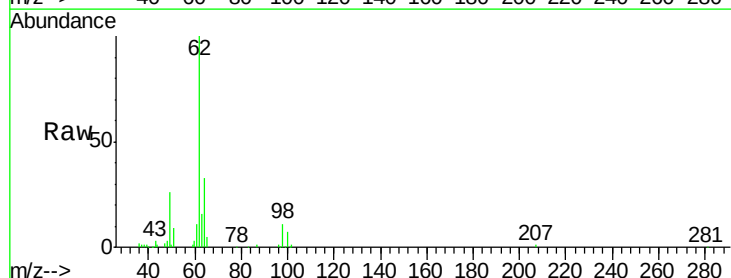
Manual Integrations
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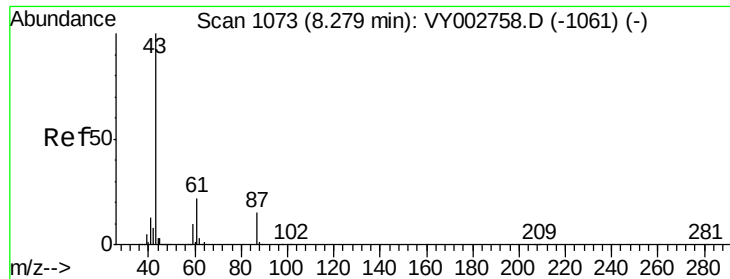
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#42
1,2-Dichloroethane
Concen: 21.955 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.6





#43

Isopropyl Acetate

Concen: 21.673 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

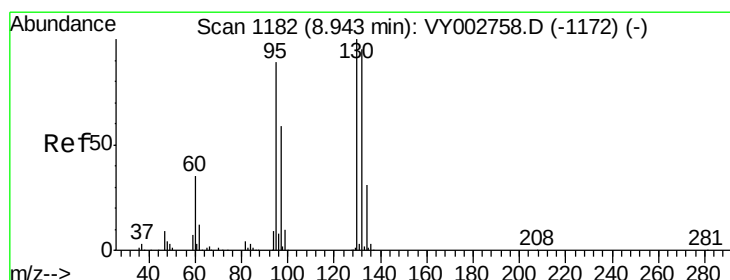
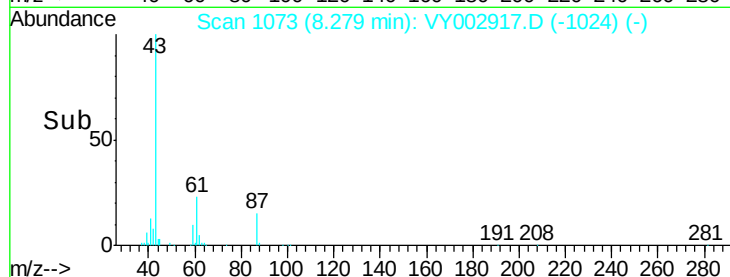
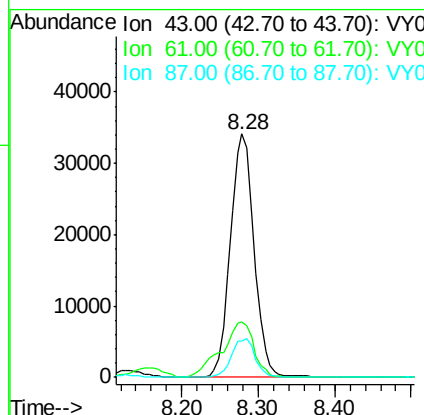
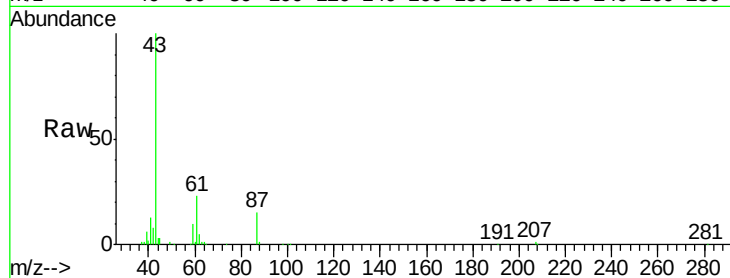
ClientSampleId :

VY0618SBS01

Tot Ion:	43	Resp:	73358
Ion	Ratio	Lower	Upper
43	100		
61	31.1	24.8	37.2
87	15.8	12.4	18.6

Manual Integrations
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6/19/2020 1:12:14 PM



#44

Trichloroethene

Concen: 21.419 ug/l

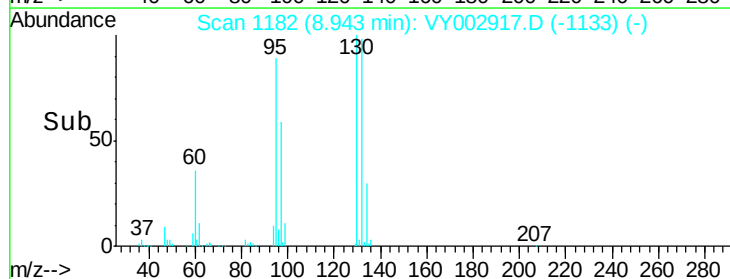
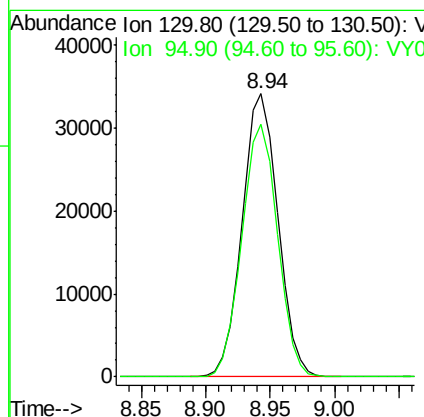
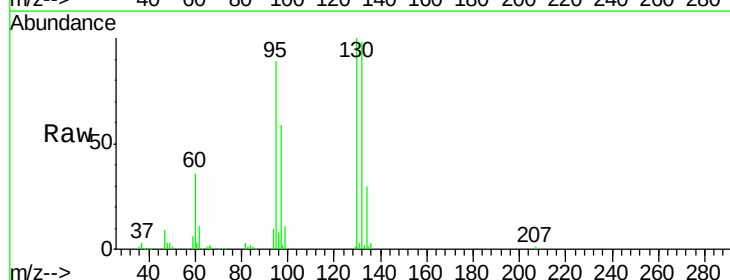
RT: 8.94 min Scan# 1182

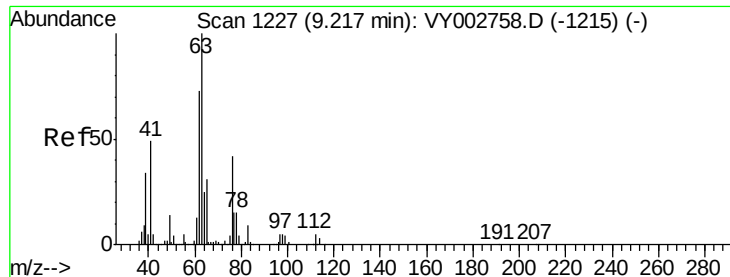
Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Tgt Ion:	130	Resp:	65629
Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	178.8





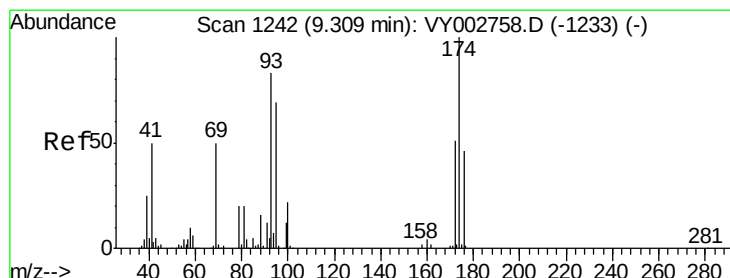
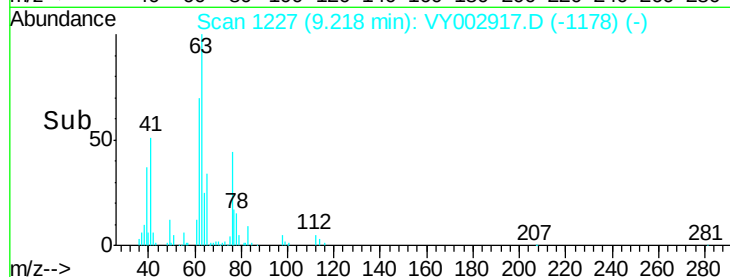
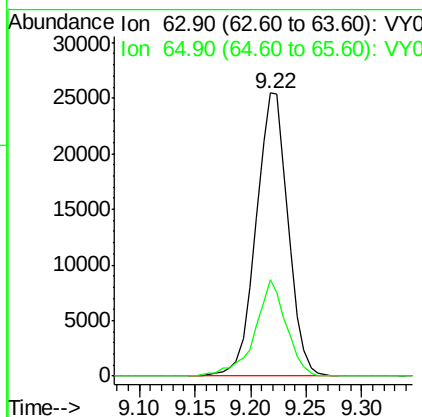
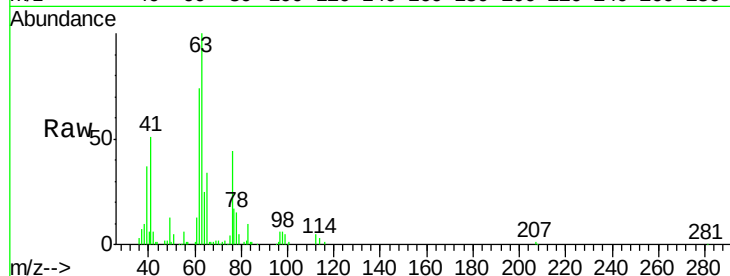
#45
 1,2-Dichloropropane
 Concen: 21.919 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	34.2	24.8	37.2

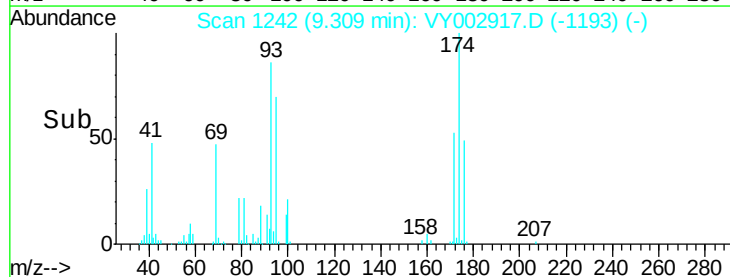
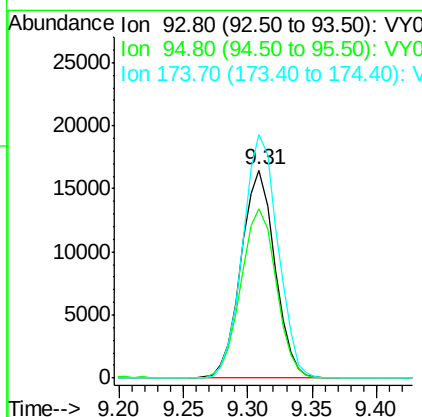
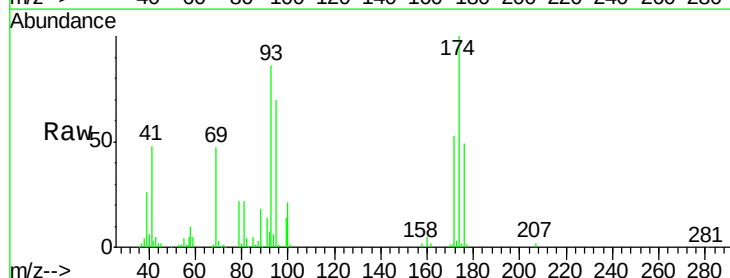
Manual Integrations
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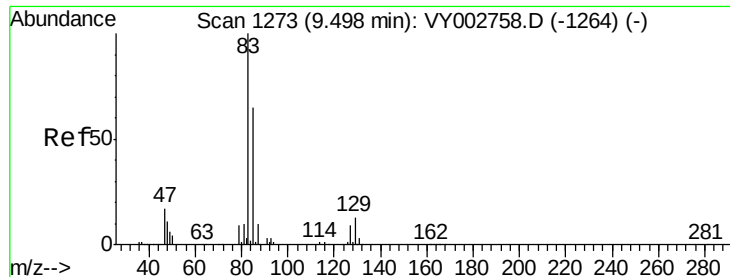
MMDadoda
 6/19/2020 1:12:14 PM



#46
 Dibromomethane
 Concen: 21.711 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.9	66.9	100.3
174	121.1	97.7	146.5





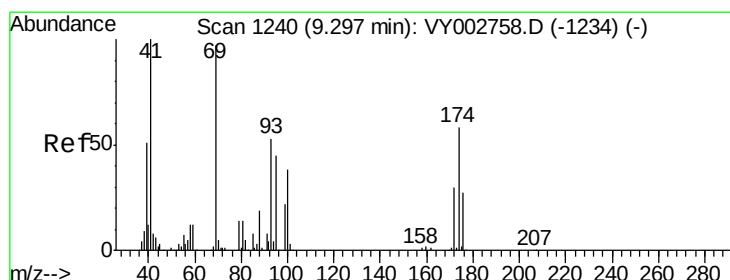
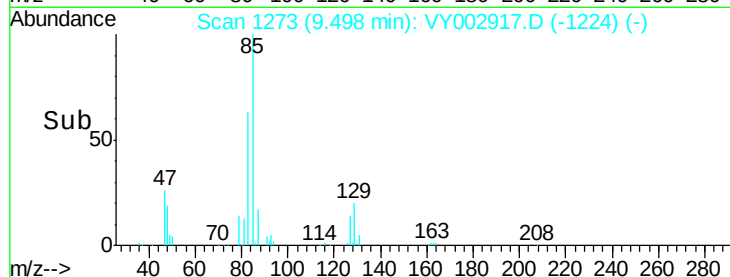
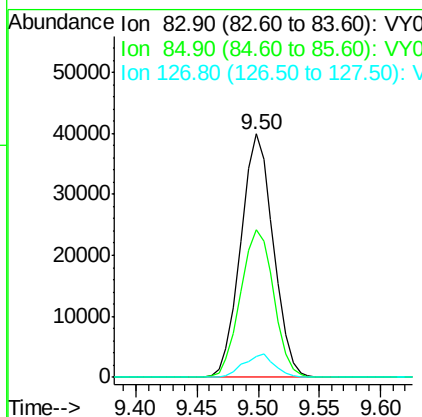
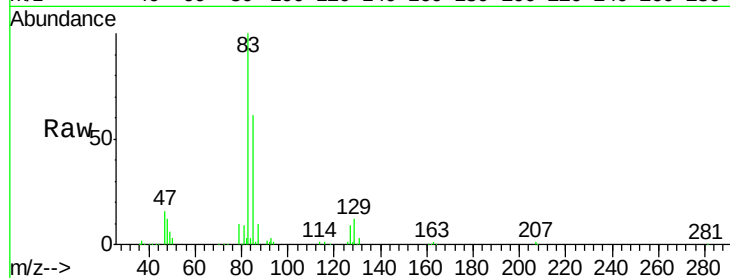
#47
Bromodichloromethane
Concen: 22.675 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	60.5	51.9	77.9
127	8.7	7.1	10.7

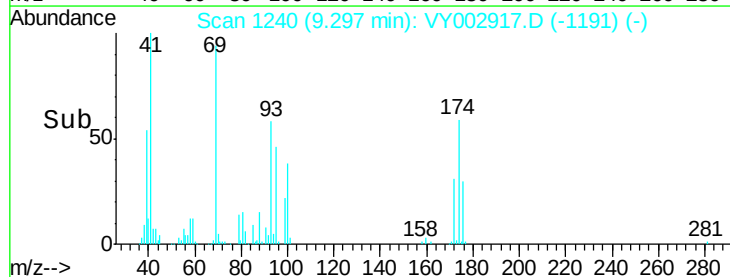
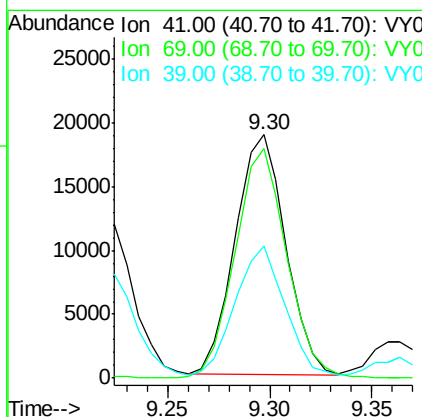
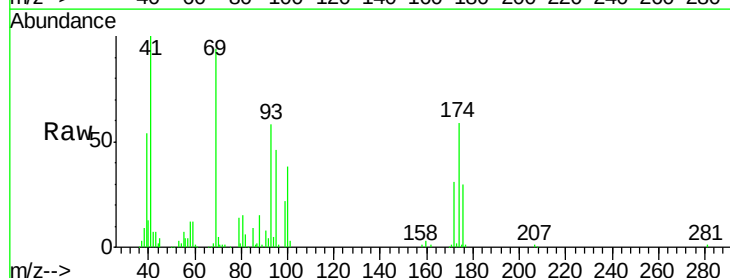
Manual Integrations
APPROVED

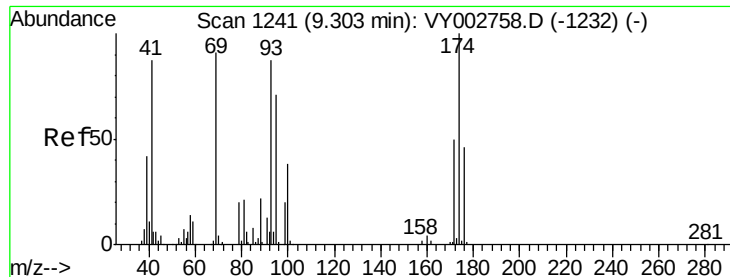
MMDadoda
6/19/2020 1:12:14 PM



#48
Methyl methacrylate
Concen: 21.142 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
41	100		
69	98.1	79.7	119.5
39	53.3	43.3	64.9





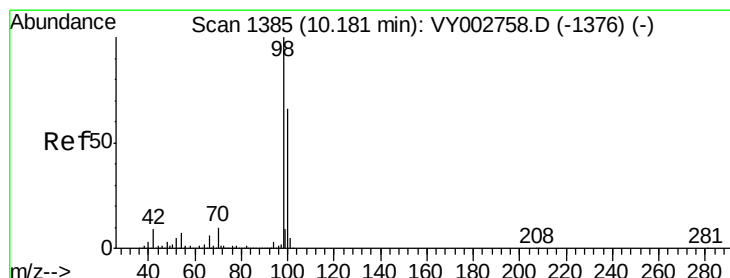
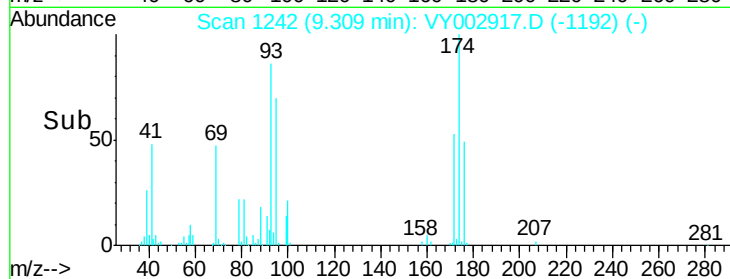
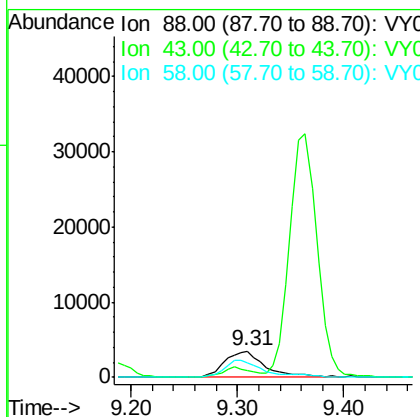
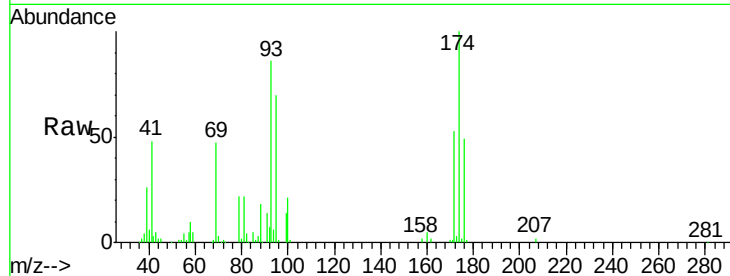
#49
1,4-Dioxane
Concen: 434.689 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.5	21.3	31.9
58	59.5	52.2	78.2

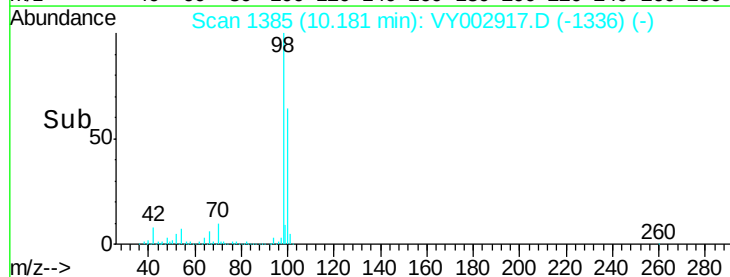
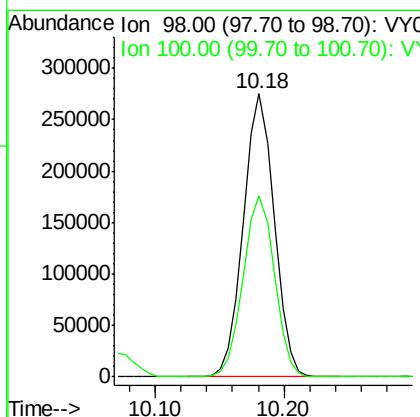
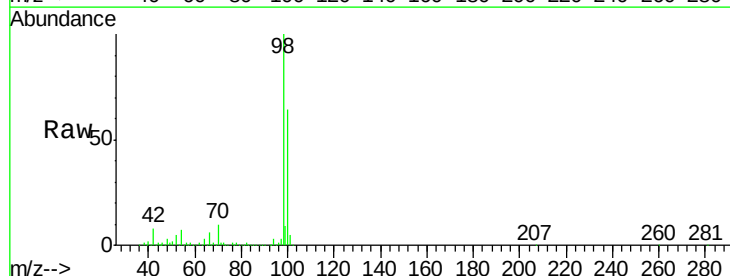
Manual Integrations
APPROVED

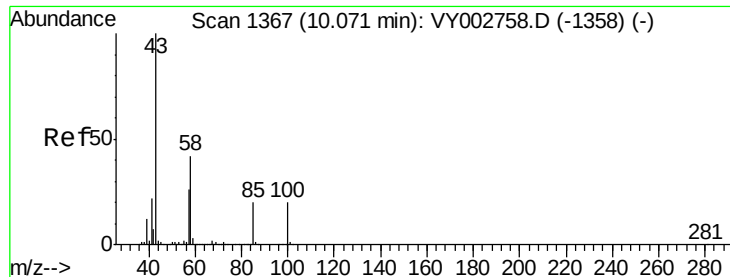
MMDadoda
6/19/2020 1:12:14 PM



#50
Toluene-d8
Concen: 49.252 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2





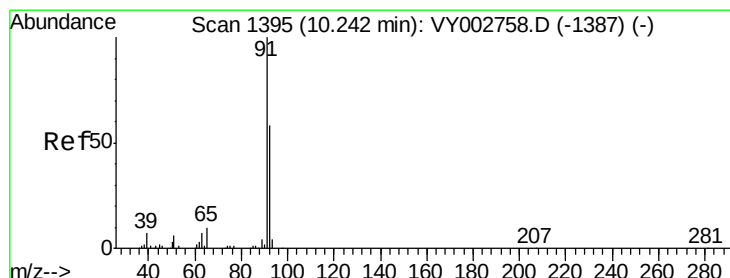
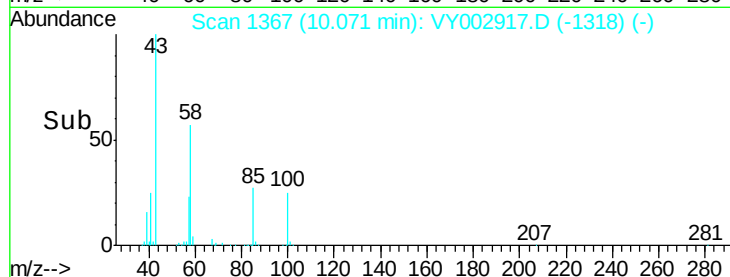
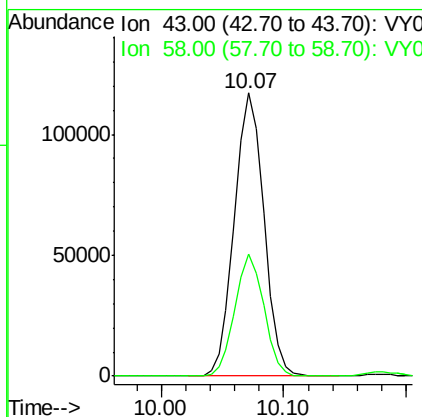
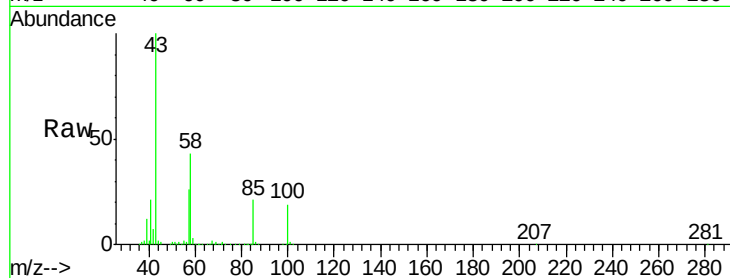
#51
4-Methyl-2-Pentanone
Concen: 109.569 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	43	Resp	196383
Ion Ratio	43	100	
Lower	58	42.5	34.2
Upper			51.2

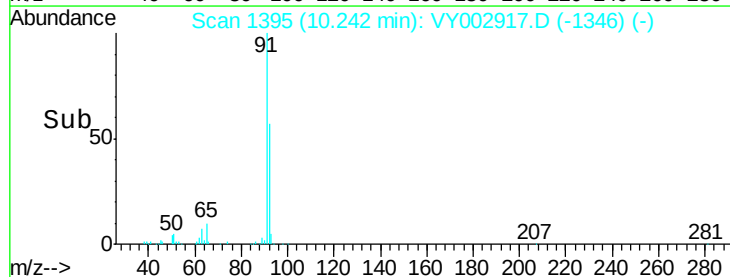
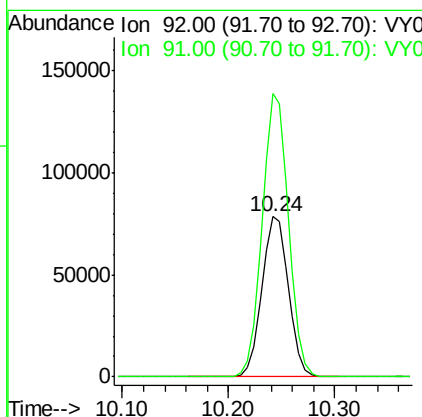
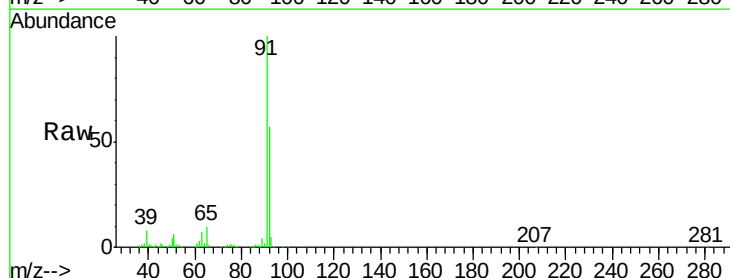
Manual Integrations
APPROVED

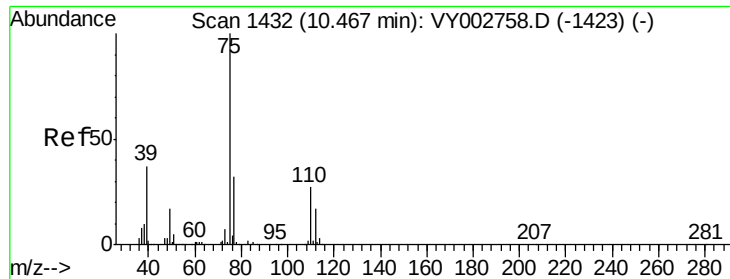
MMDadoda
6/19/2020 1:12:14 PM



#52
Toluene
Concen: 21.623 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	92	Resp	137215
Ion Ratio	92	100	
Lower	91	174.7	138.5
Upper			207.7





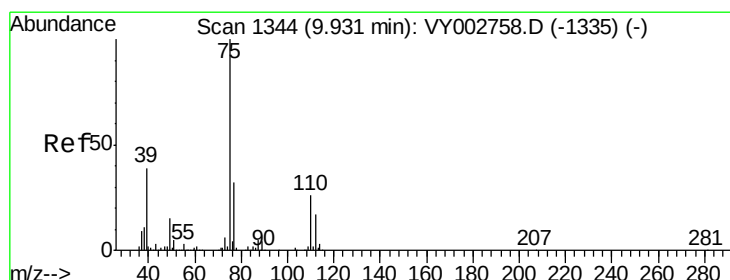
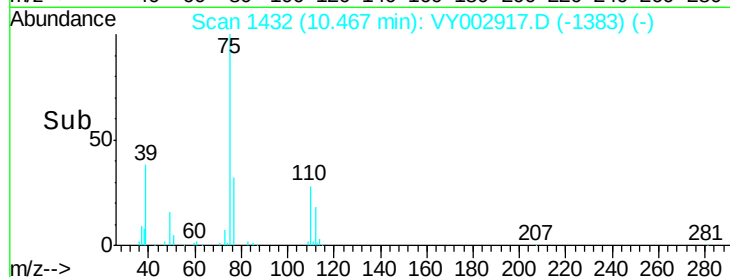
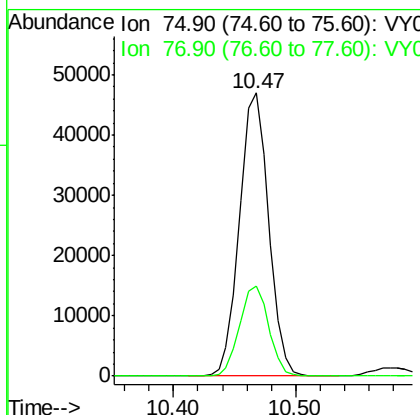
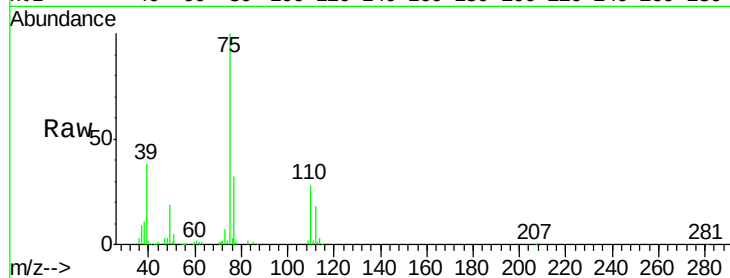
#53
t-1,3-Dichloropropene
Concen: 21.850 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9

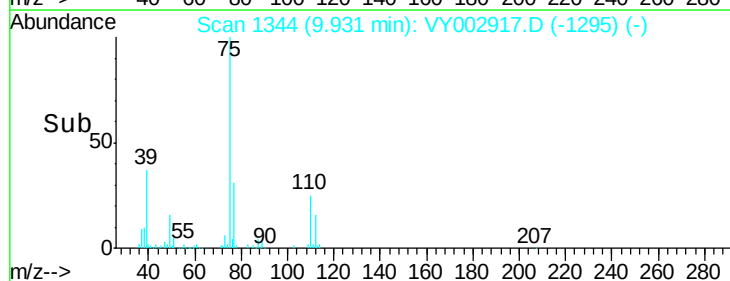
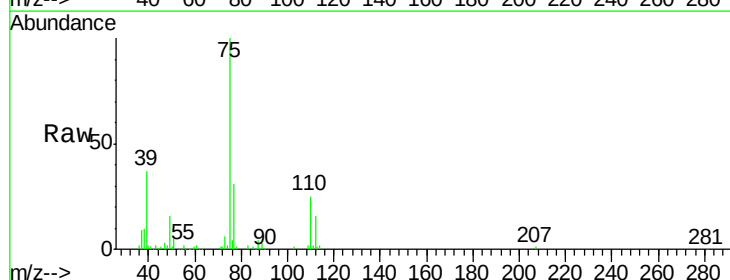
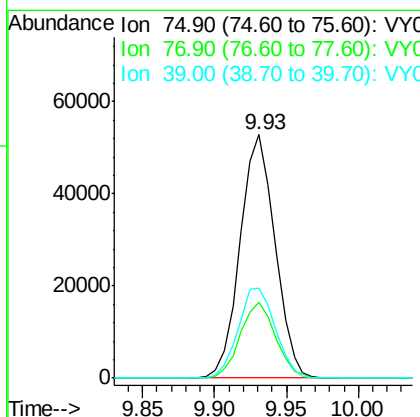
Manual Integrations
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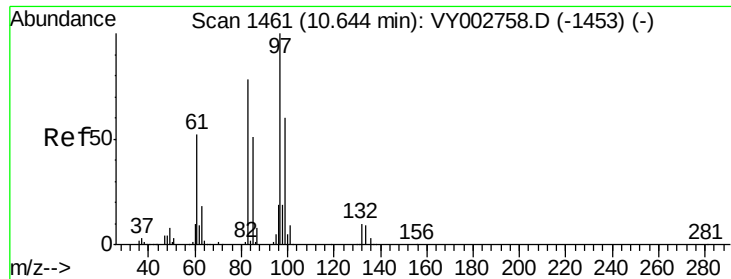
MMDadoda
6/19/2020 1:12:14 PM



#54
cis-1,3-Dichloropropene
Concen: 22.016 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.6	38.4
39	37.2	31.3	46.9





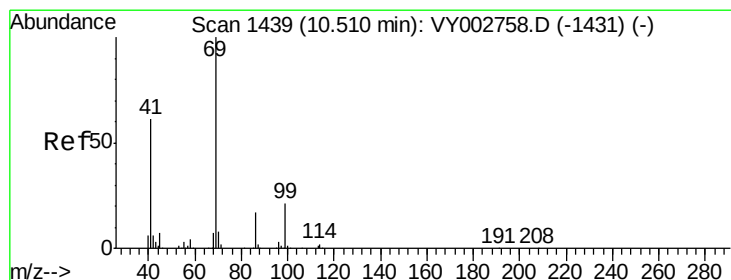
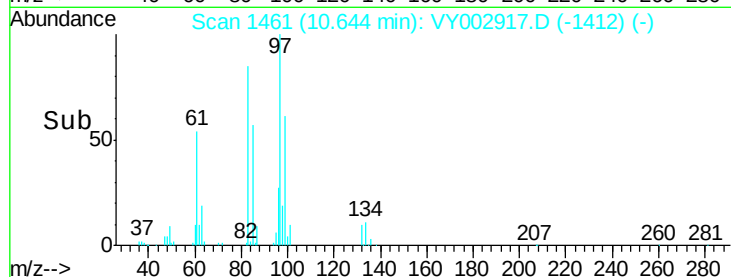
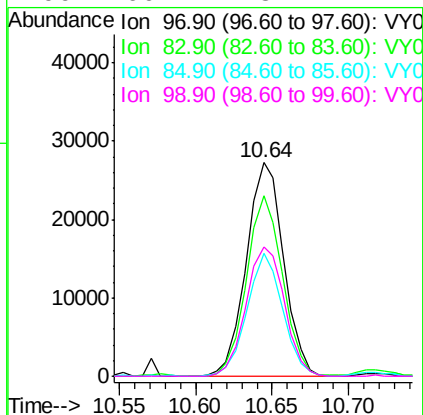
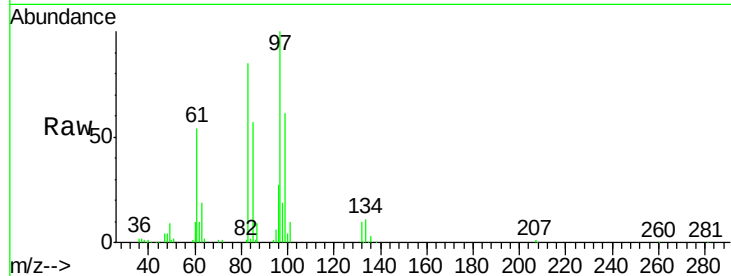
#55
 1,1,2-Trichloroethane
 Concen: 21.925 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion:	97	Resp:	46373
Ion	Ratio	Lower	Upper
97	100		
83	84.5	62.7	94.1
85	57.5	40.6	60.8
99	60.7	48.2	72.4

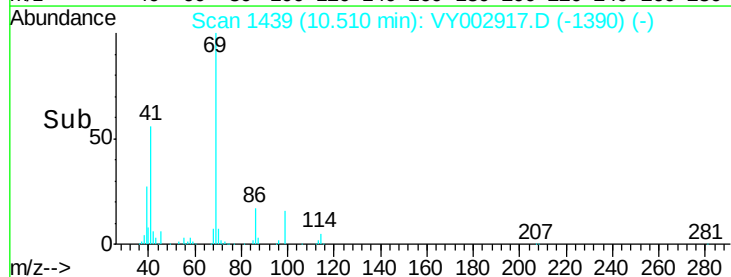
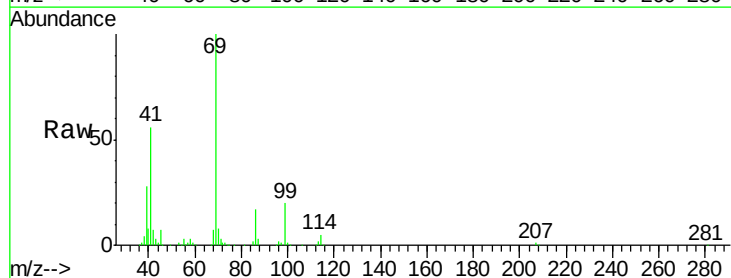
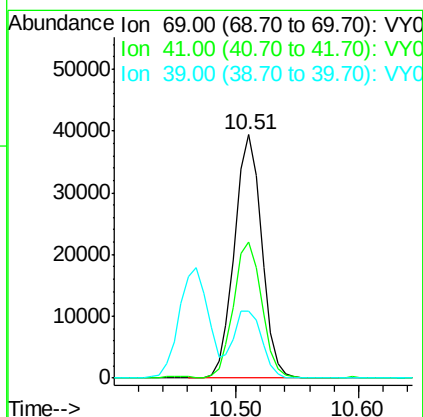
Manual Integrations
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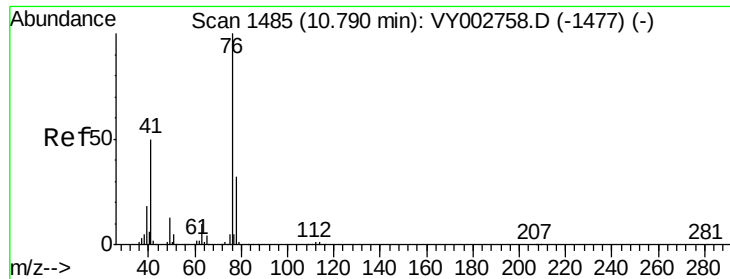
MMDadoda
 6/19/2020 1:12:14 PM



#56
 Ethyl methacrylate
 Concen: 21.420 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion:	69	Resp:	60682
Ion	Ratio	Lower	Upper
69	100		
41	57.6	47.0	70.4
39	29.7	22.0	33.0





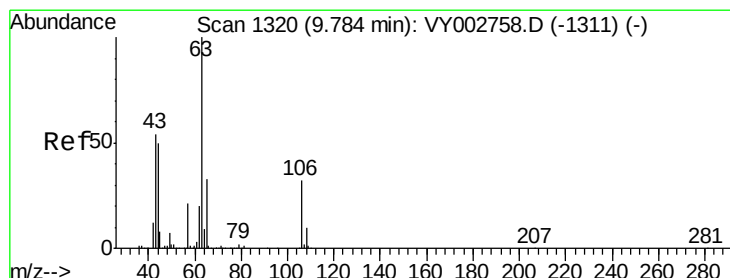
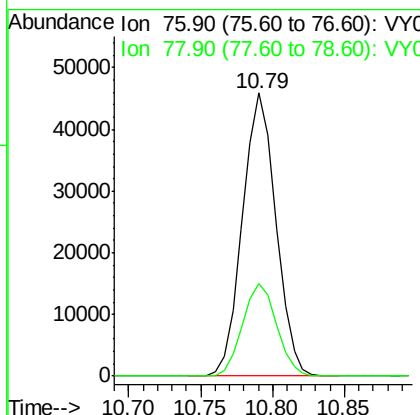
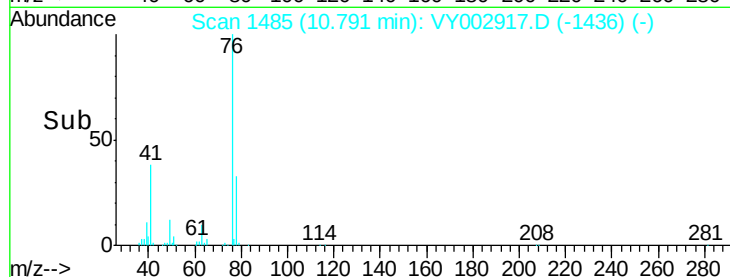
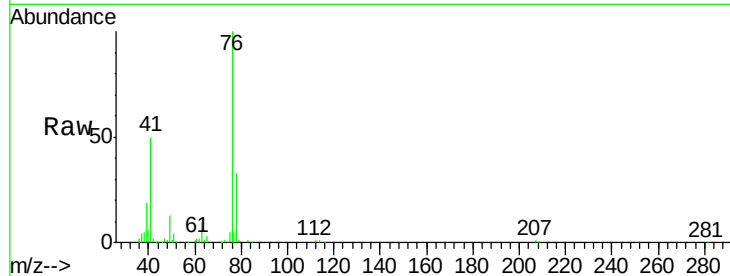
#57
 1,3-Dichloropropane
 Concen: 21.254 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.1	39.1

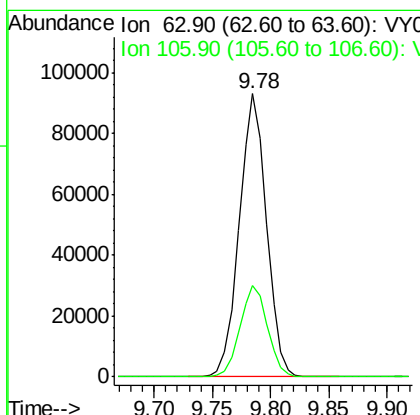
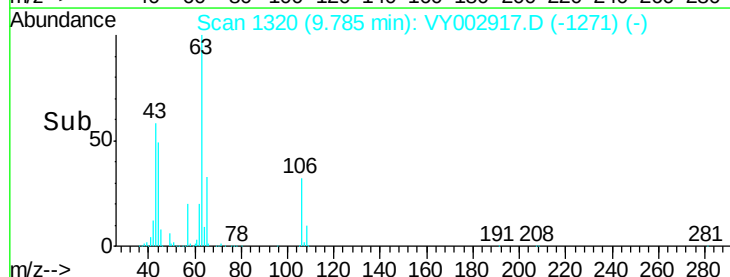
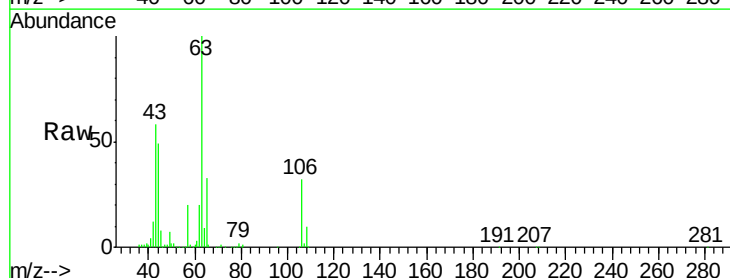
Manual Integrations
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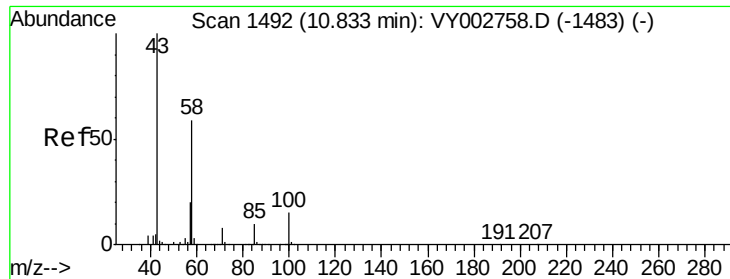
MMDadoda
 6/19/2020 1:12:14 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.591 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.5	25.4	38.2





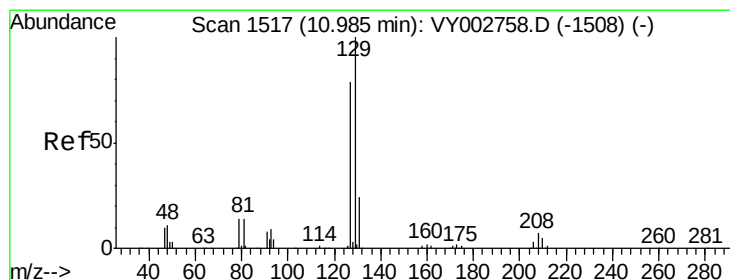
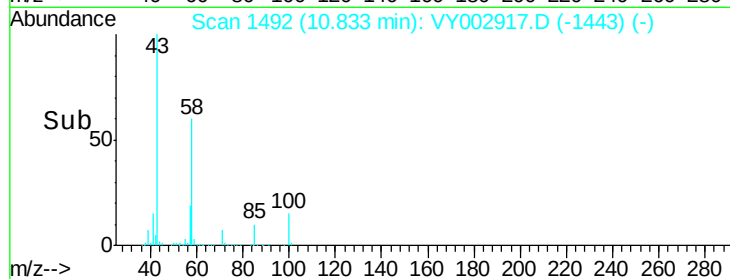
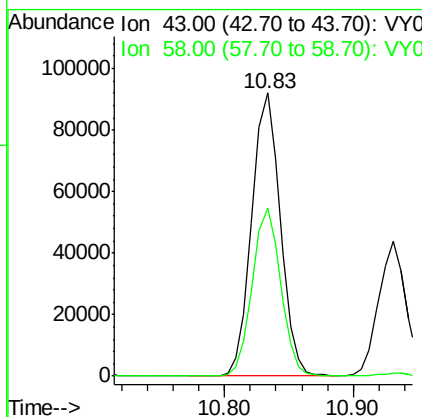
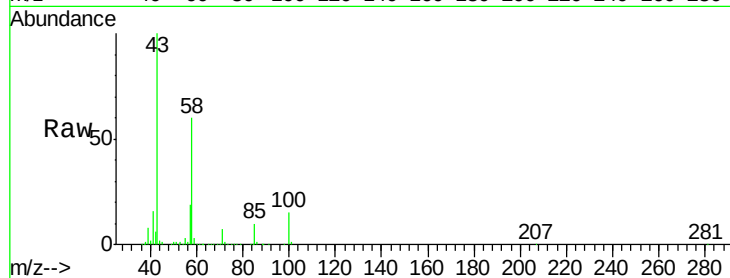
#59
2-Hexanone
Concen: 110.804 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion: 43 Resp: 140909
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.5

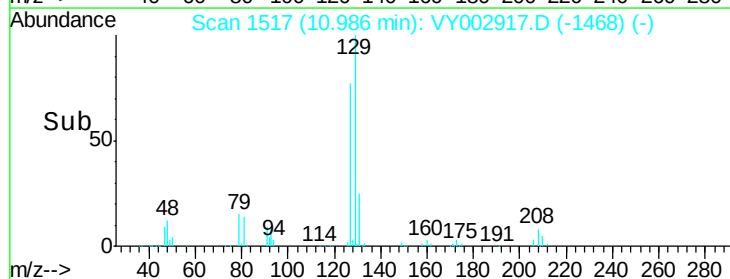
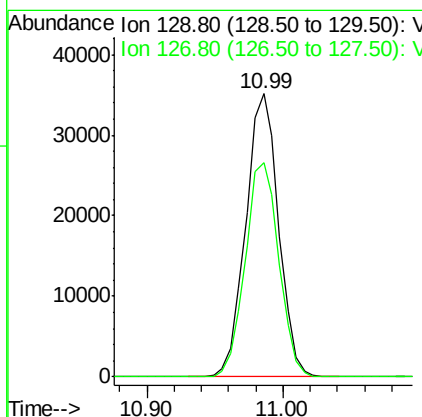
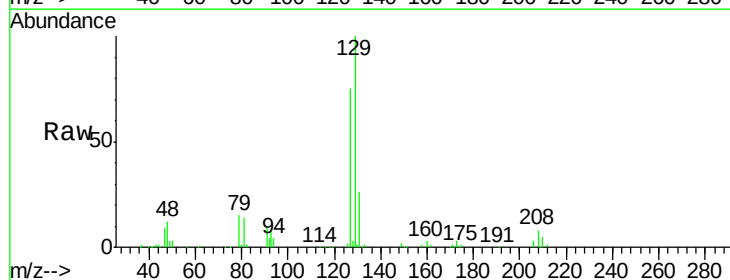
Manual Integrations
APPROVED

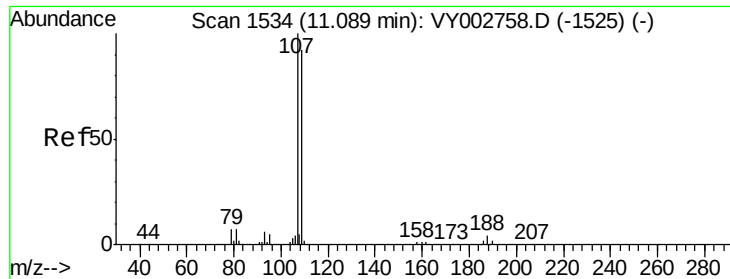
MMDadoda
6/19/2020 1:12:14 PM



#60
Dibromochloromethane
Concen: 22.168 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion: 129 Resp: 59443
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





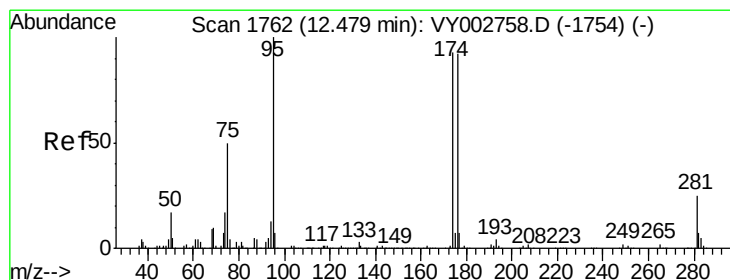
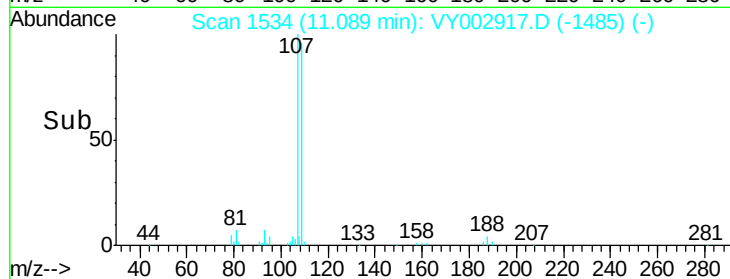
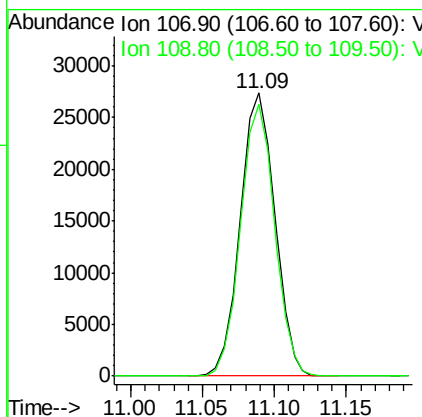
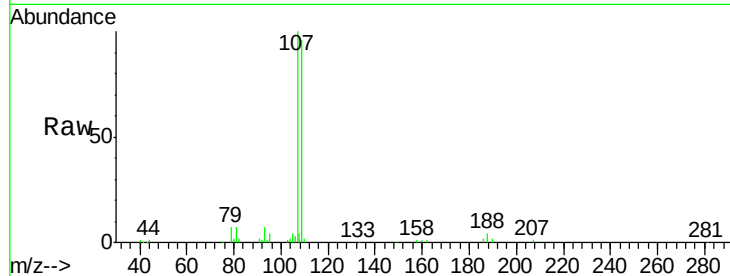
#61
 1,2-Dibromoethane
 Concen: 21.941 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion: 107 Resp: 45777
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.6 113.4

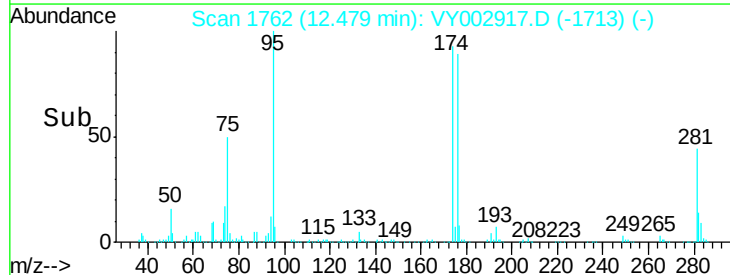
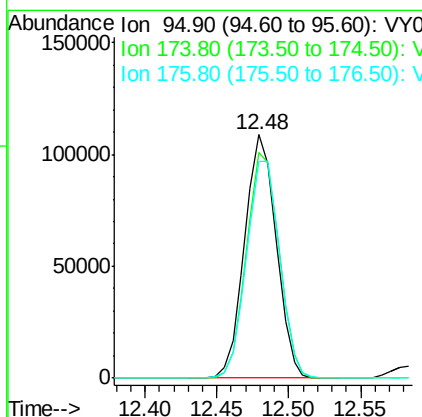
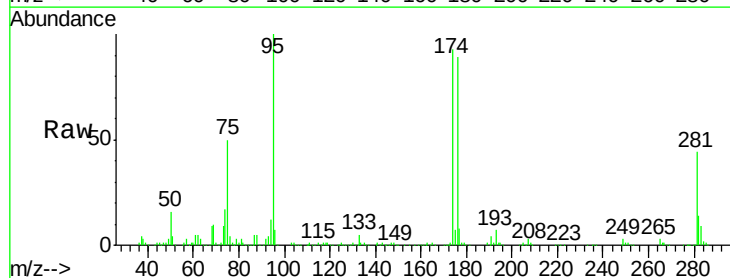
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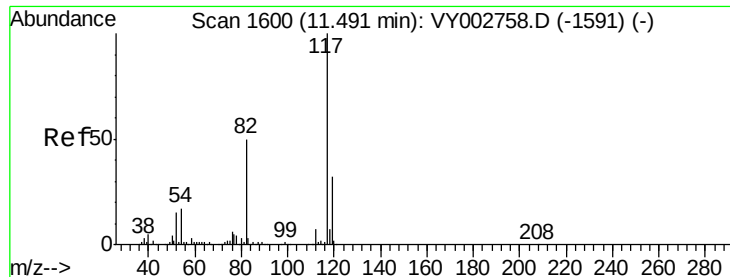
MMDadoda
 6/19/2020 1:12:14 PM



#62
 4-Bromofluorobenzene
 Concen: 52.277 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion: 95 Resp: 164983
 Ion Ratio Lower Upper
 95 100
 174 95.5 0.0 191.2
 176 93.4 0.0 188.8





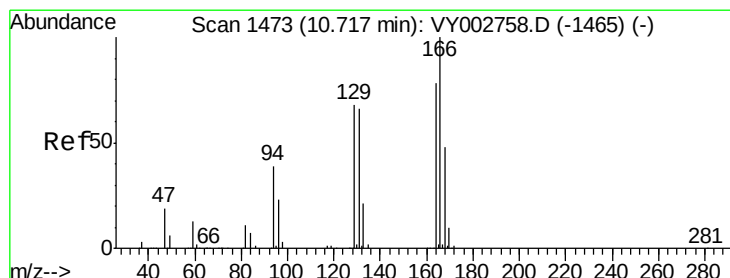
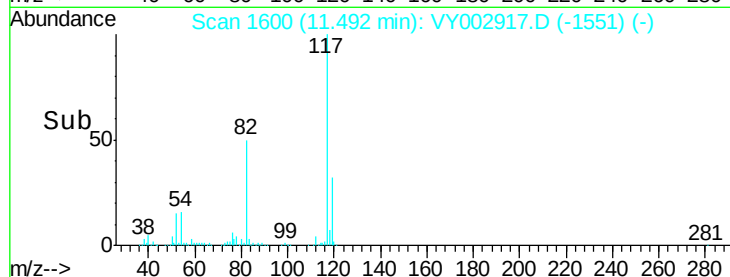
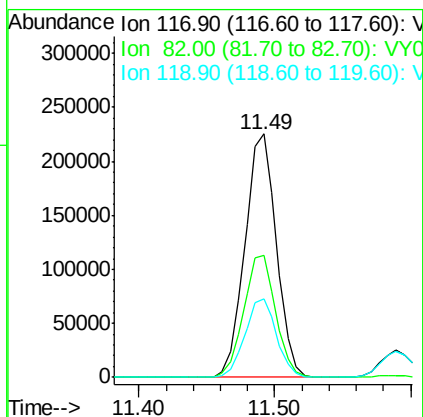
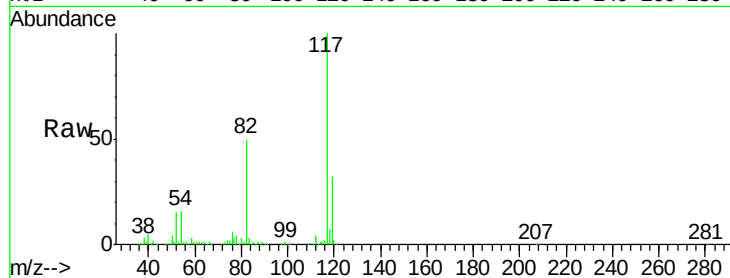
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	40.2	60.4
119	32.4	25.8	38.8

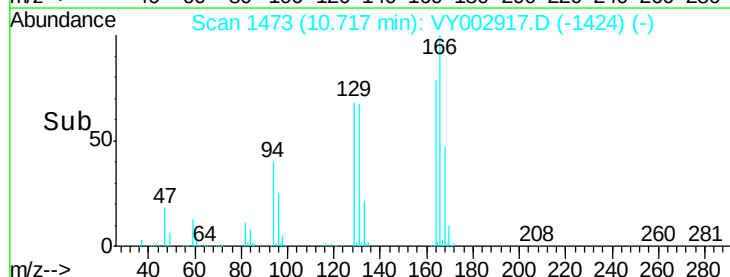
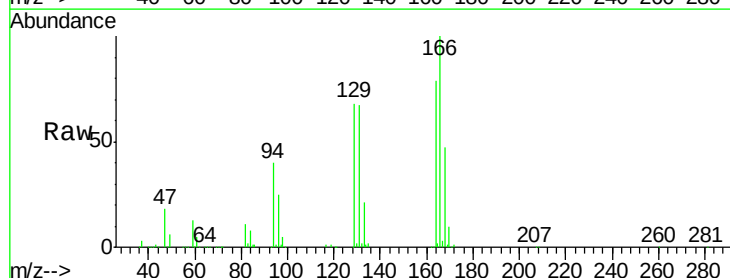
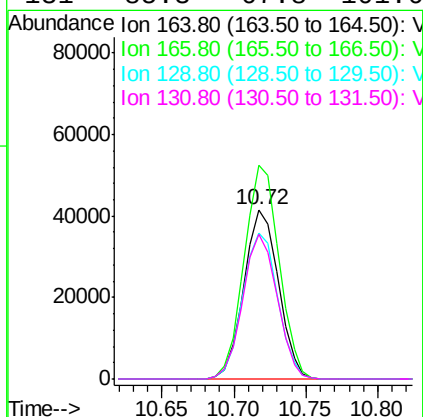
Manual Integrations
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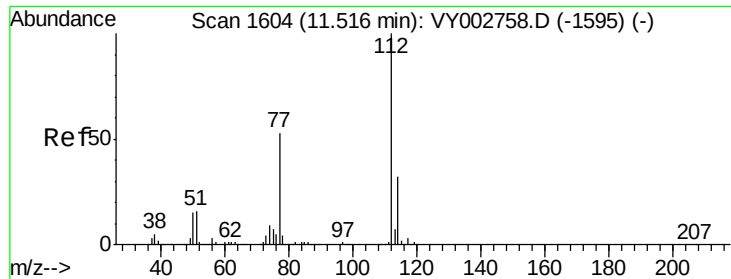
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#64
Tetrachloroethene
Concen: 20.797 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	102.3	153.5
129	86.3	69.4	104.2
131	85.3	67.8	101.6





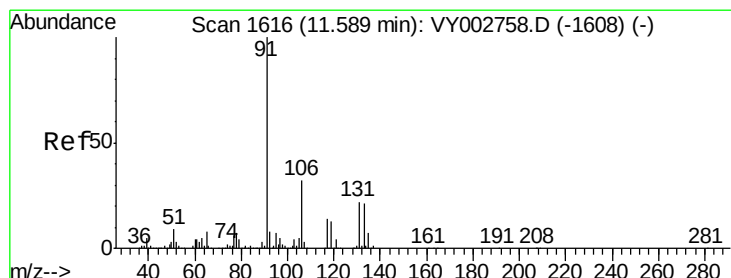
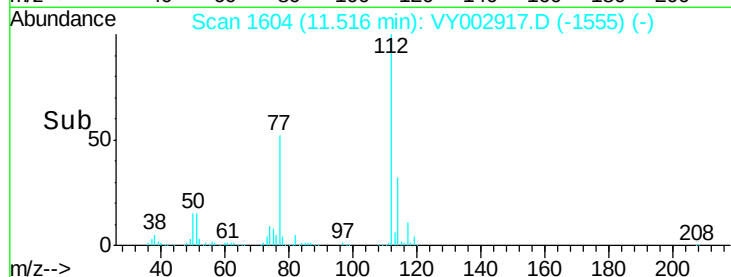
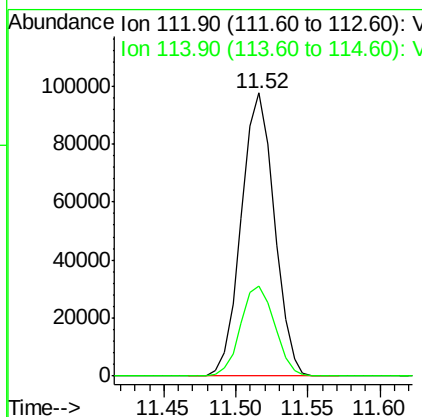
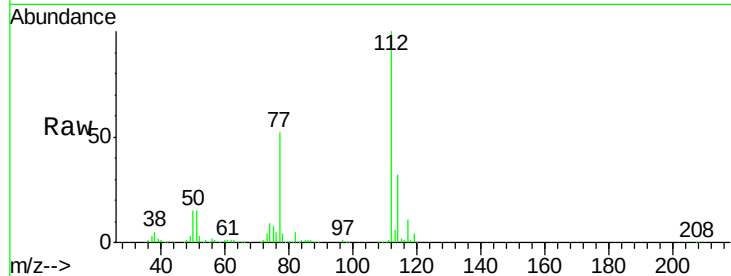
#65
Chlorobenzene
Concen: 21.621 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion:112 Resp: 155864
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

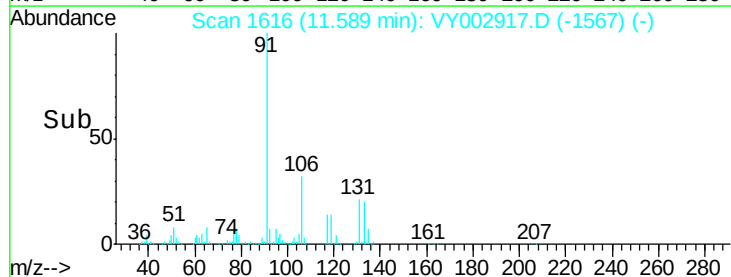
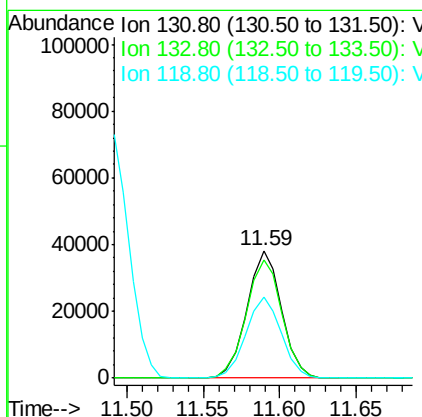
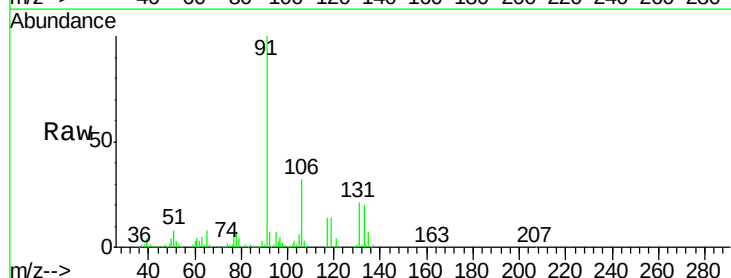
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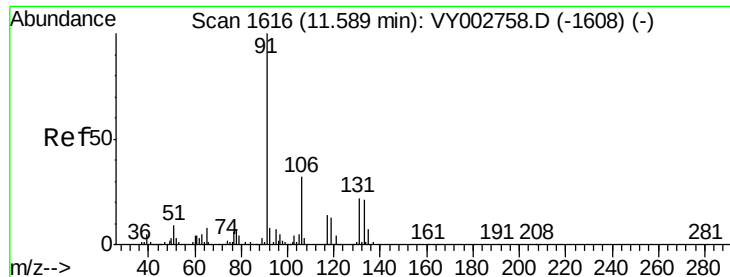
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.971 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion:131 Resp: 59651
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.8
119 65.1 31.7 95.1





#67

Ethyl Benzene

Concen: 21.777 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 91 Resp: 272155

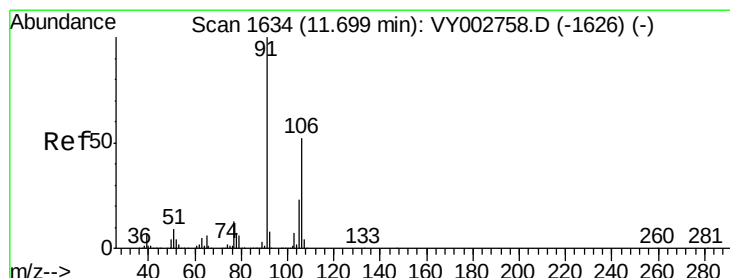
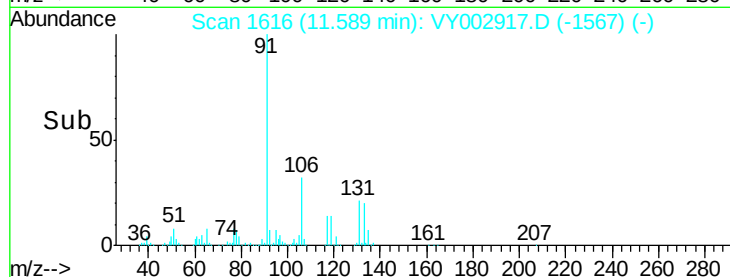
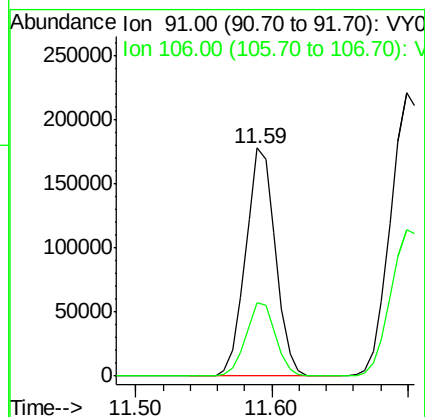
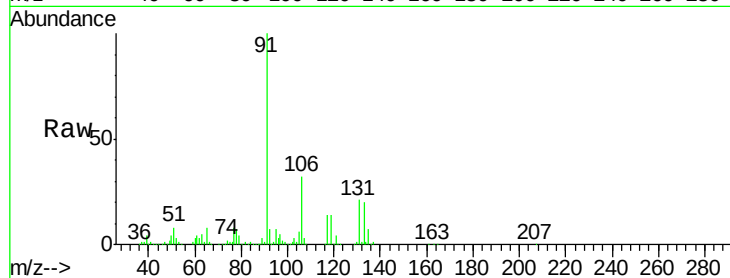
Ion Ratio Lower Upper

91 100

106 32.5 25.7 38.5

Manual Integrations
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#68

m/p-Xylenes

Concen: 43.864 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002917.D

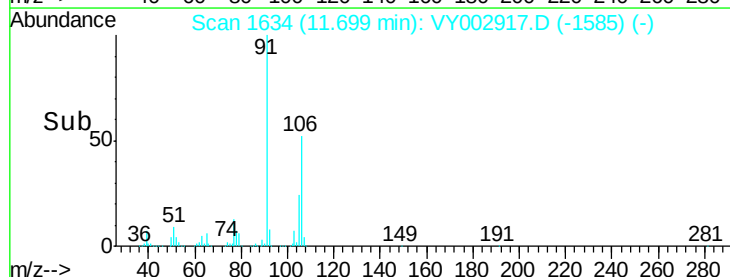
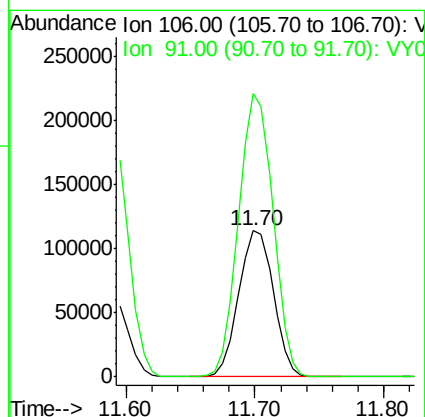
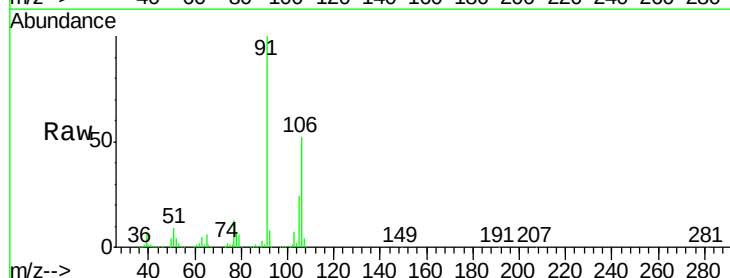
Acq: 18 Jun 2020 14:01

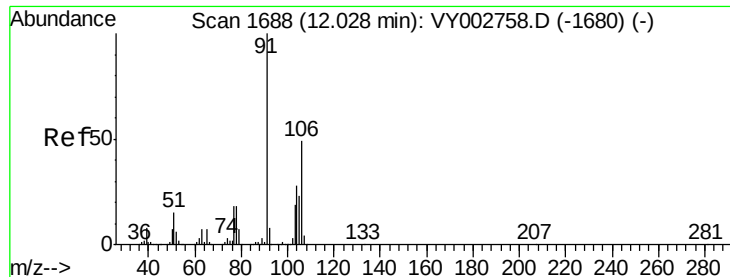
Tgt Ion: 106 Resp: 212543

Ion Ratio Lower Upper

106 100

91 192.7 156.0 234.0





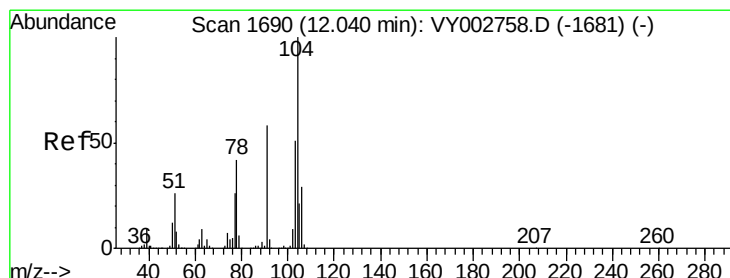
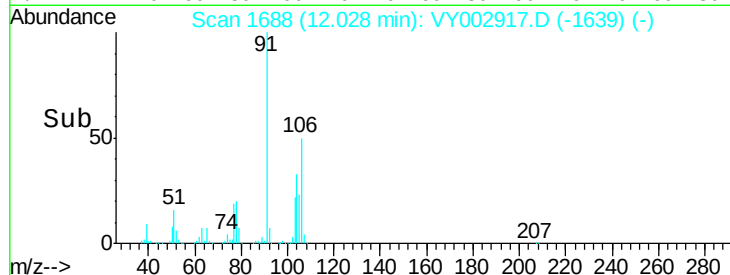
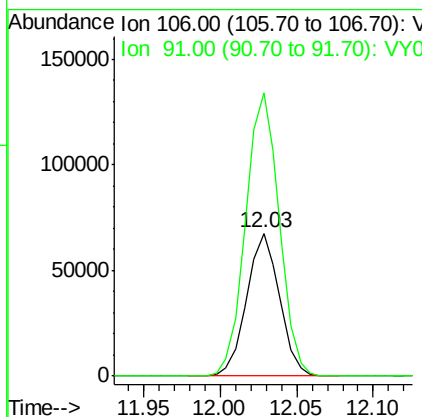
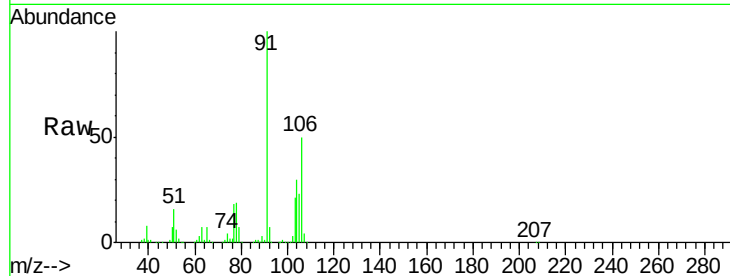
#69
o-Xylene
Concen: 22.078 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion:106 Resp: 100993
Ion Ratio Lower Upper
106 100
91 202.7 102.4 307.1

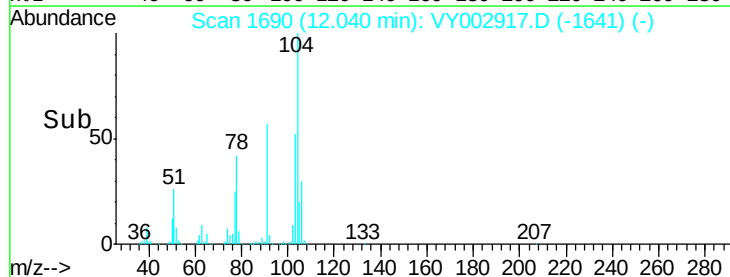
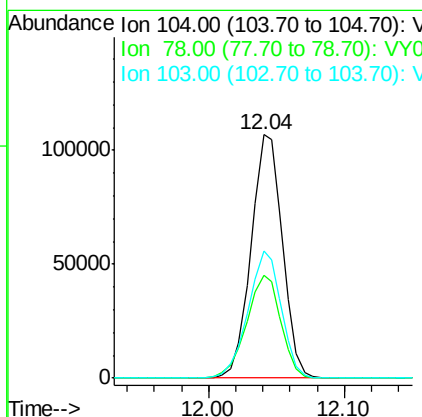
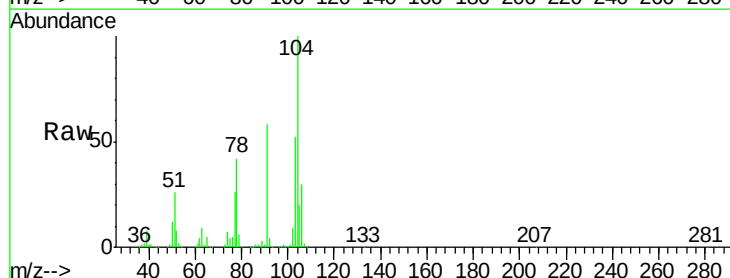
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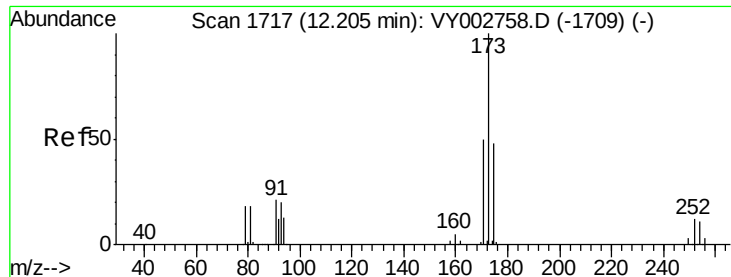
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#70
Styrene
Concen: 21.820 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion:104 Resp: 173022
Ion Ratio Lower Upper
104 100
78 46.1 36.2 54.4
103 55.2 43.6 65.4





#71

Bromoform

Concen: 22.510 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion:173 Resp: 40894

Ion Ratio Lower Upper

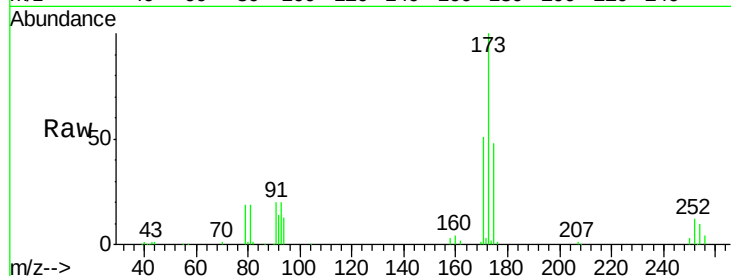
173 100

175 47.9 24.3 72.8

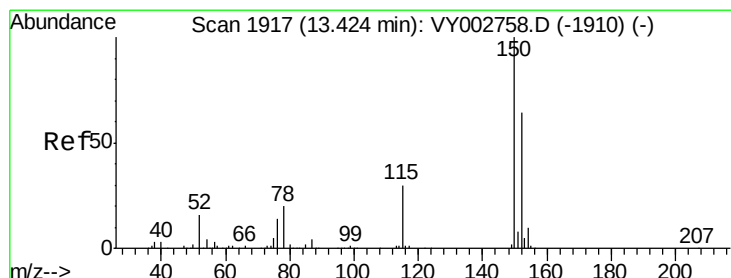
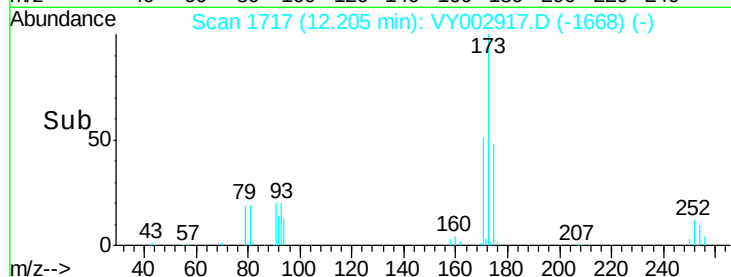
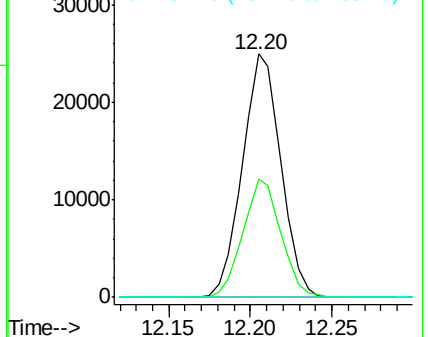
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

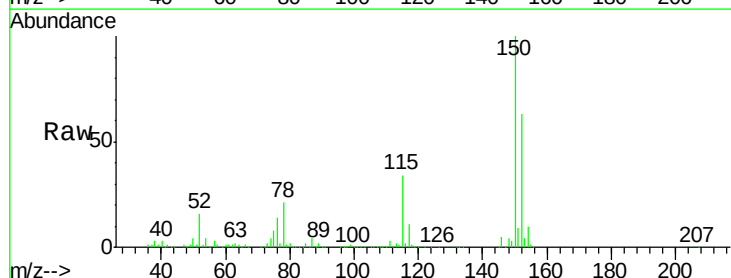
Tgt Ion:152 Resp: 201907

Ion Ratio Lower Upper

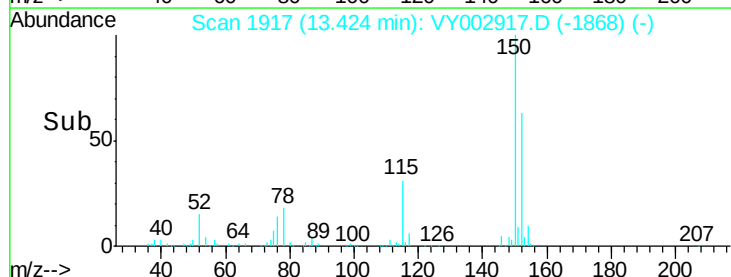
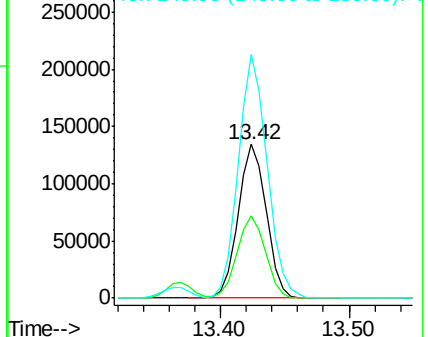
152 100

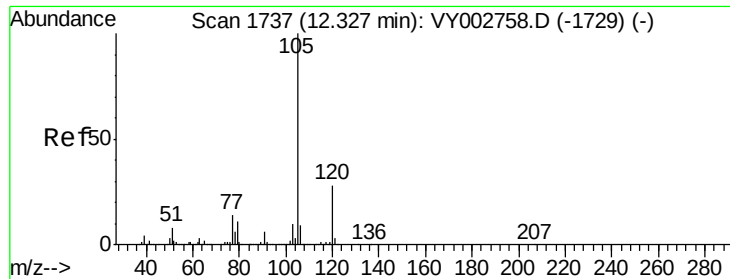
115 53.9 27.0 81.0

150 163.9 0.0 344.8



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





#73

Isopropylbenzene

Concen: 21.118 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 105 Resp: 273247

Ion Ratio Lower Upper

105 100

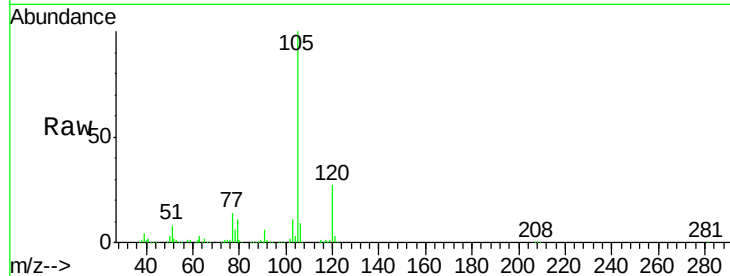
120 27.8 13.7 41.1

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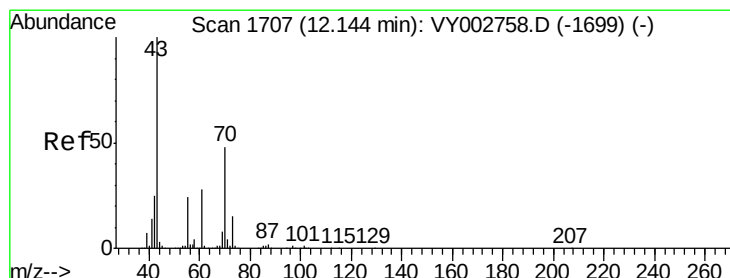
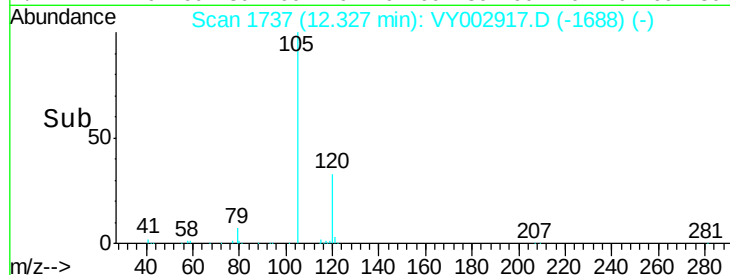
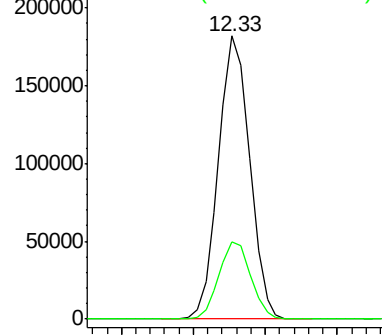
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.833 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Tgt Ion: 43 Resp: 69163

Ion Ratio Lower Upper

43 100

70 48.2 37.7 56.5

55 25.2 19.8 29.6

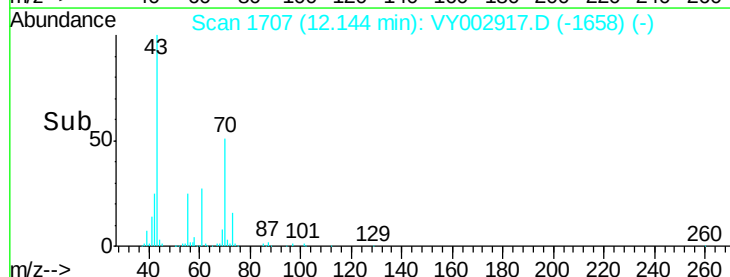
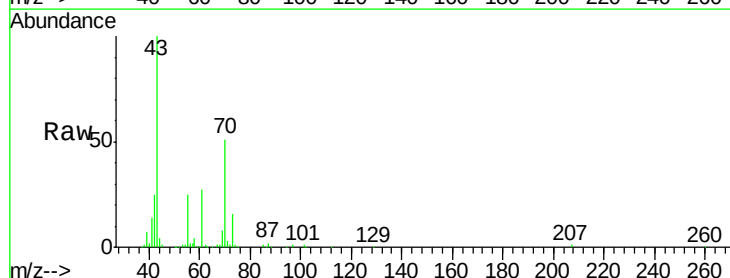
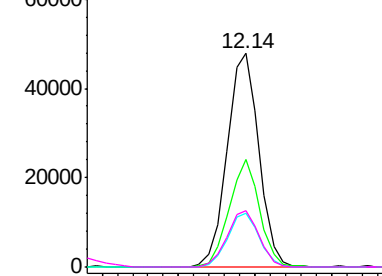
61 26.6 21.7 32.5

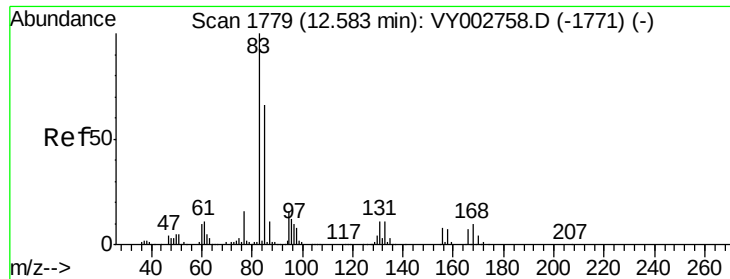
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.275 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

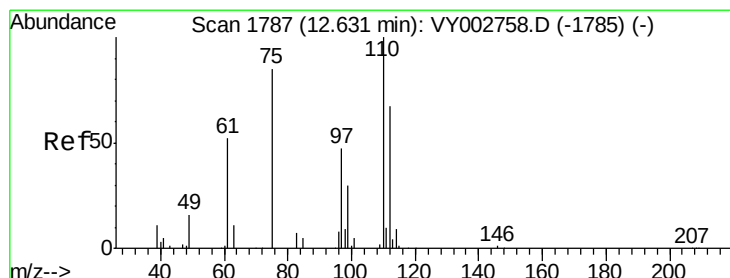
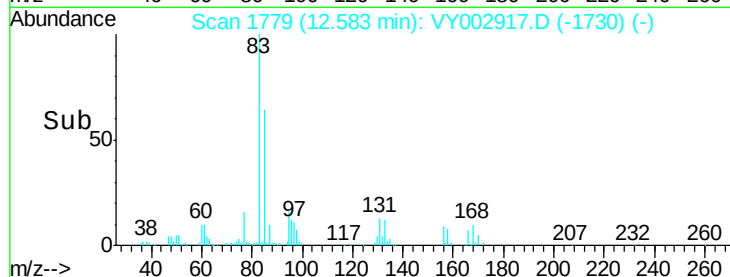
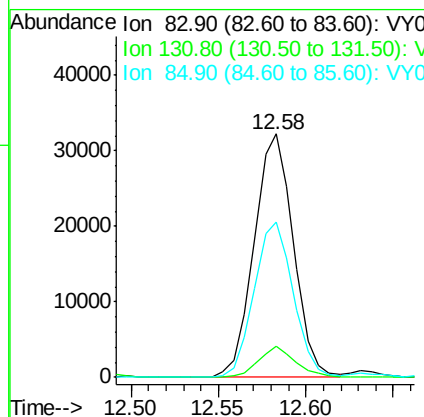
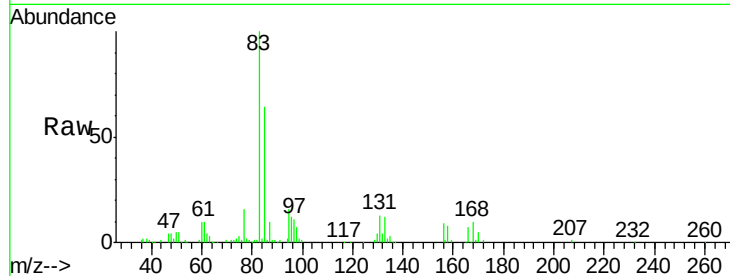
ClientSampleId :

VY0618SBS01

Tot Ion:	83	Resp:	50570
Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.8	17.4
85	63.8	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 21.196 ug/l m

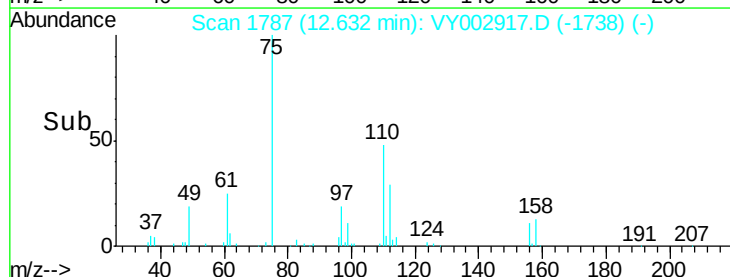
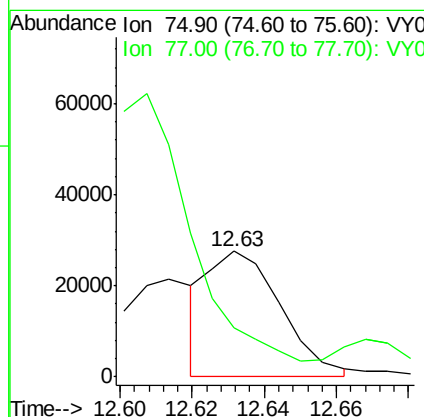
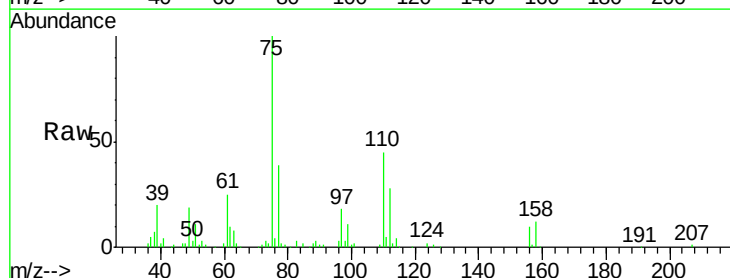
RT: 12.63 min Scan# 1787

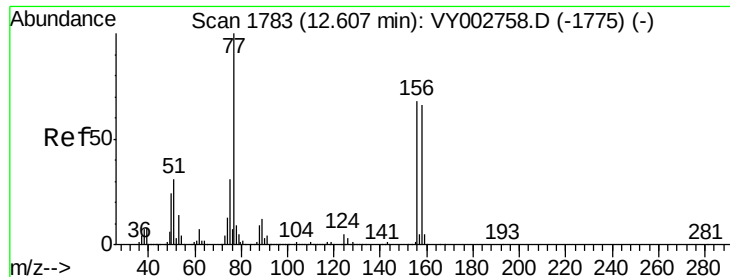
Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Tgt Ion:	75	Resp:	38563
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.366 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

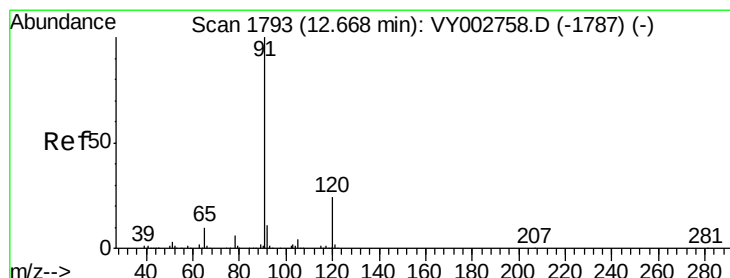
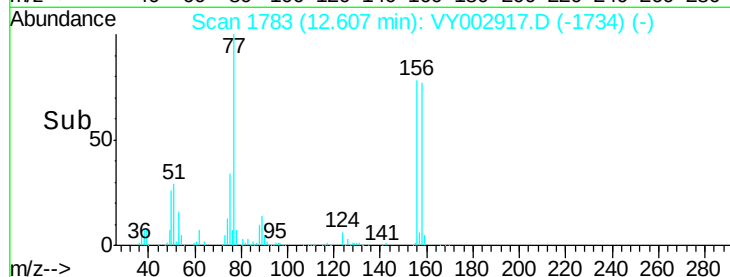
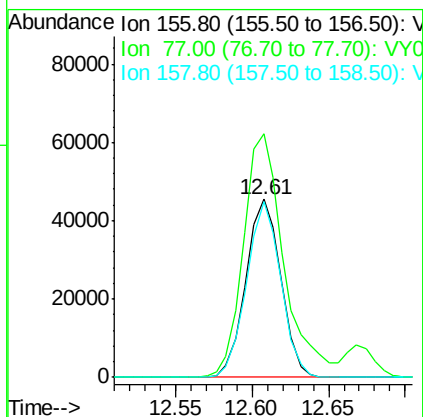
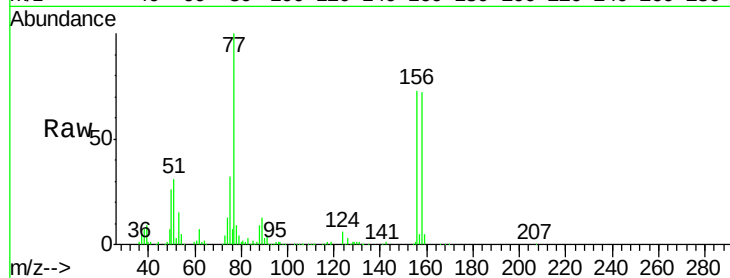
ClientSampleId :

VY0618SBS01

Tot Ion:	156	Resp:	71985
Ion Ratio	Lower	Upper	
156	100		
77	157.6	81.4	244.2
158	96.4	48.5	145.6

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#78

n-propylbenzene

Concen: 21.427 ug/l

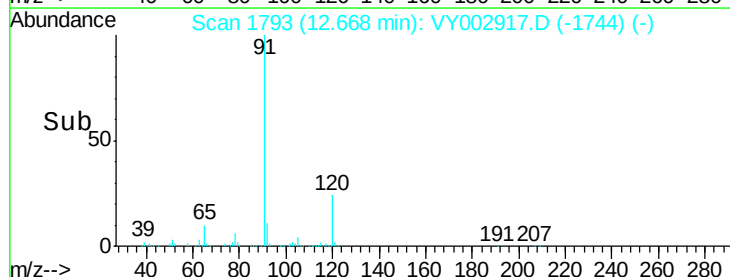
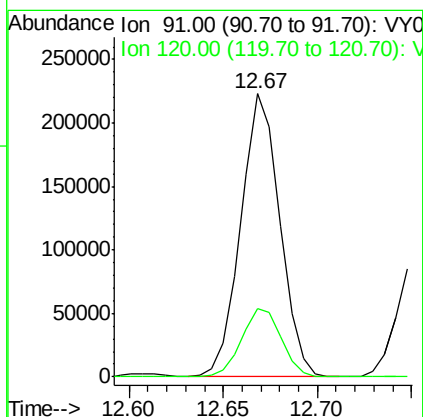
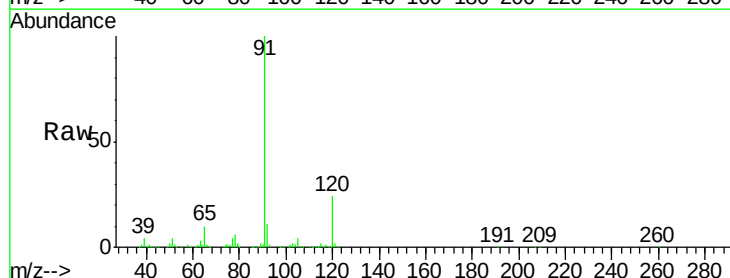
RT: 12.67 min Scan# 1793

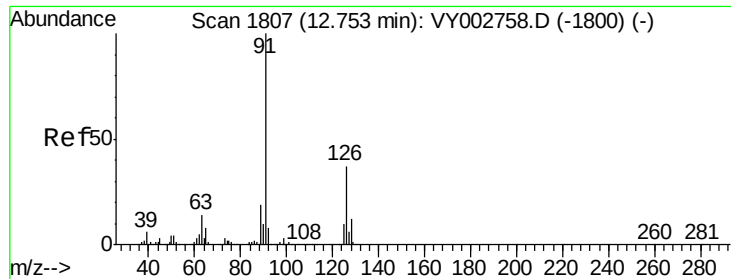
Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Tgt Ion:	91	Resp:	320247
Ion Ratio	Lower	Upper	
91	100		
120	24.6	12.3	36.9





#79

2-Chlorotoluene

Concen: 21.232 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion: 91 Resp: 178005

Ion Ratio Lower Upper

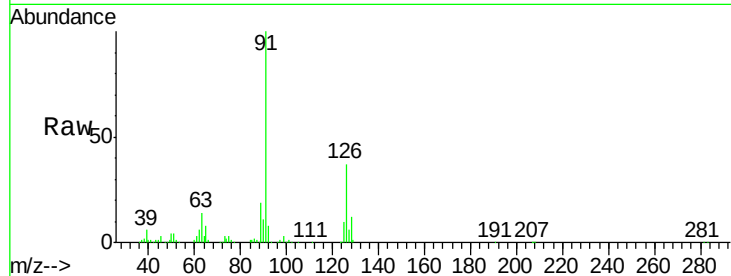
91 100

126 37.4 18.4 55.4

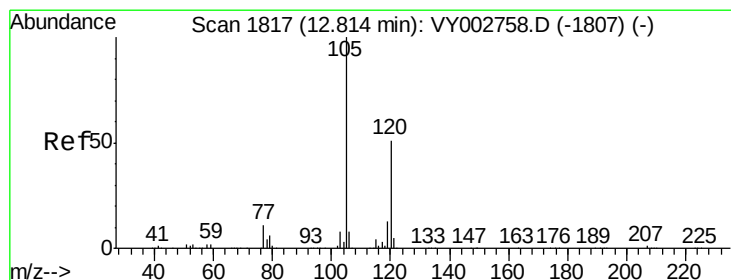
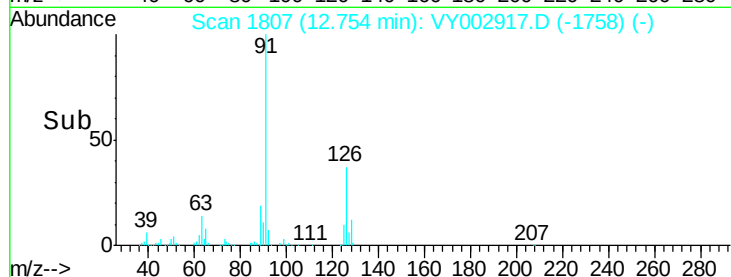
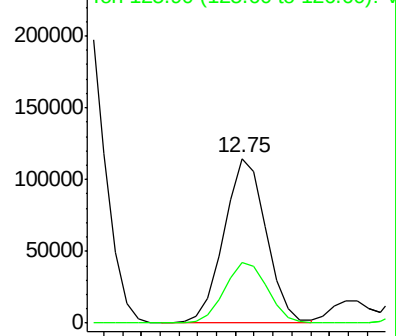
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Abundance Ion 91.00 (90.70 to 91.70): VY002917.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.555 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002917.D

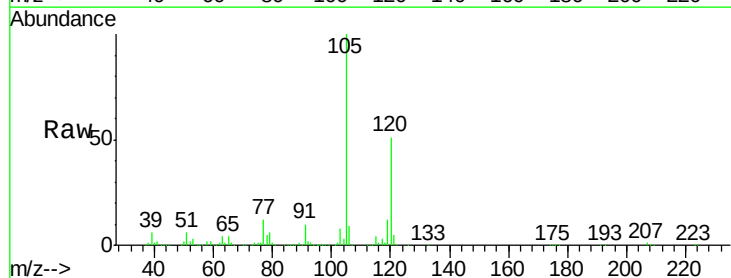
Acq: 18 Jun 2020 14:01

Tgt Ion: 105 Resp: 232875

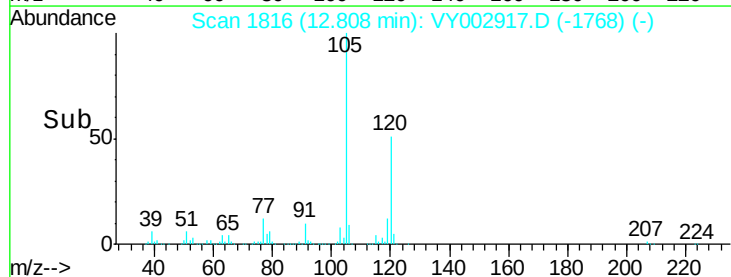
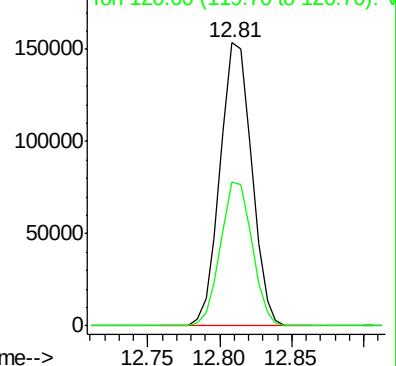
Ion Ratio Lower Upper

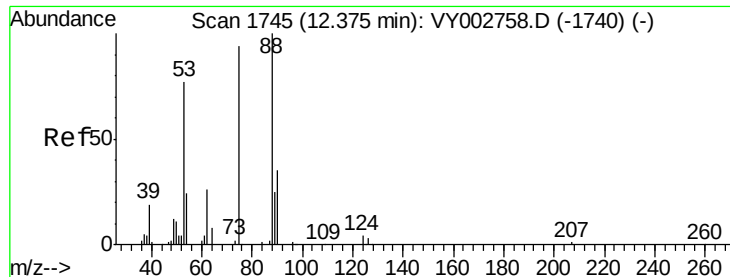
105 100

120 51.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002917.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.092 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

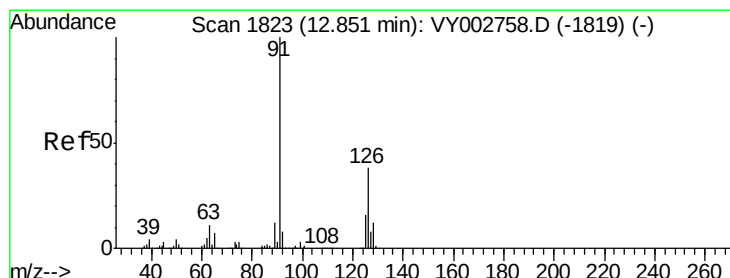
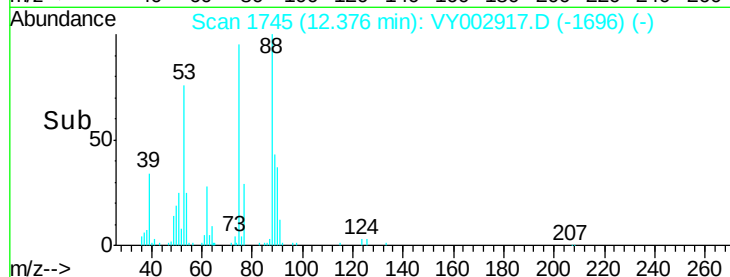
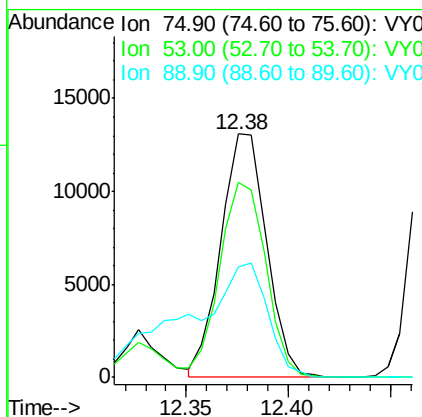
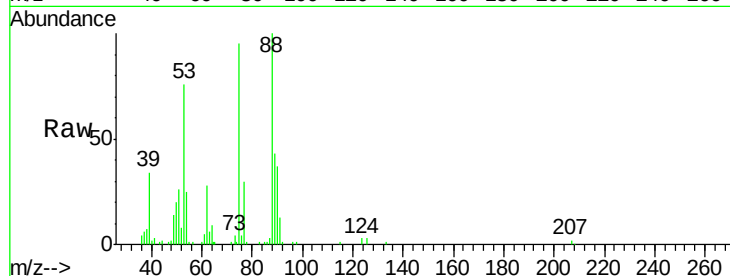
ClientSampleId :

VY0618SBS01

Tot Ion:	75	Resp:	20368
Ion Ratio	Lower	Upper	
75	100		
53	80.5	64.0	96.0
89	86.4	37.4	56.2#

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#82

4-Chlorotoluene

Concen: 21.442 ug/l

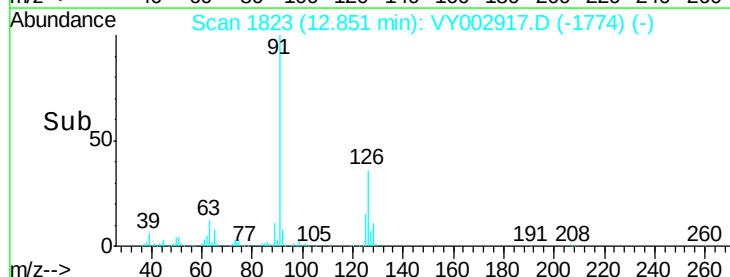
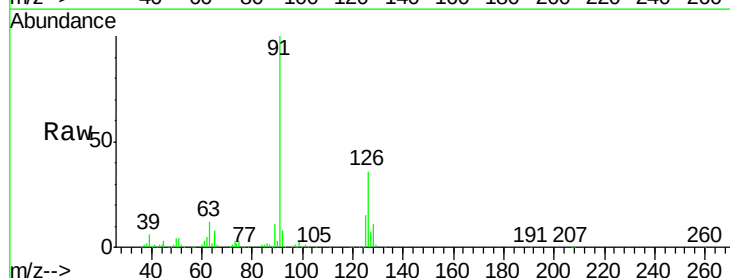
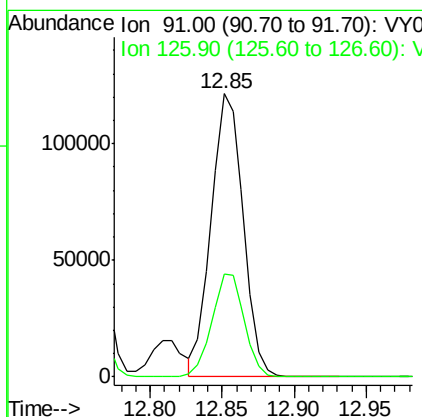
RT: 12.85 min Scan# 1823

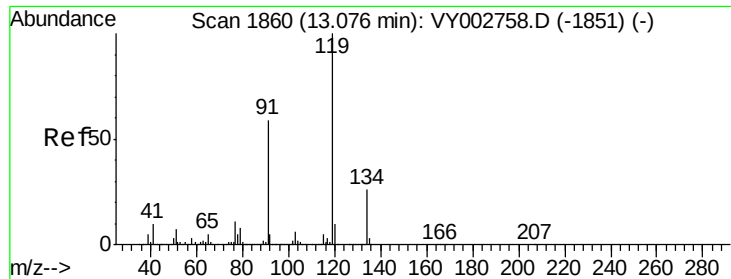
Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Tgt Ion:	91	Resp:	188344
Ion Ratio	Lower	Upper	
91	100		
126	36.8	18.5	55.5





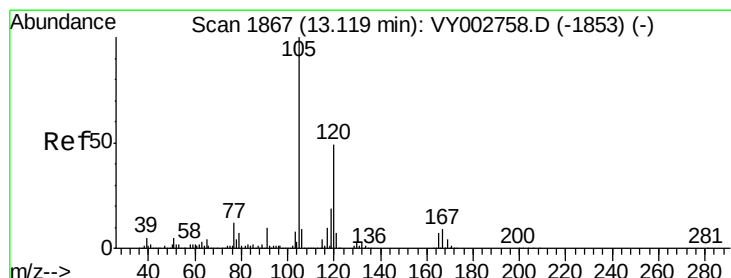
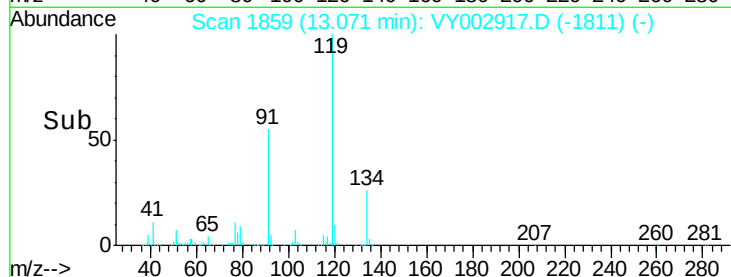
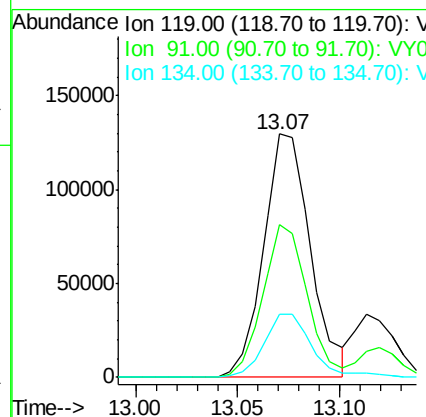
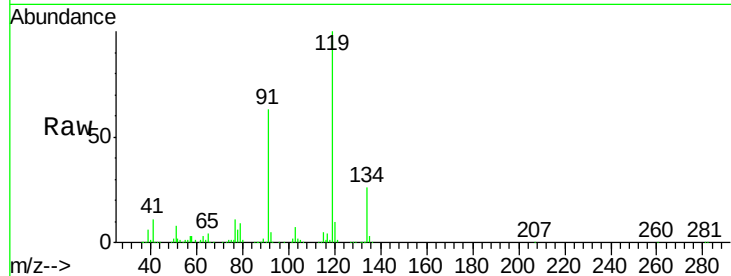
#83
tert-Butylbenzene
Concen: 21.535 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	207526		
91	59.2		29.8	89.4
134	26.7		13.3	39.8

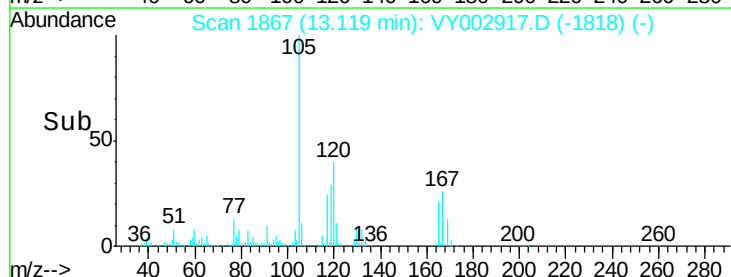
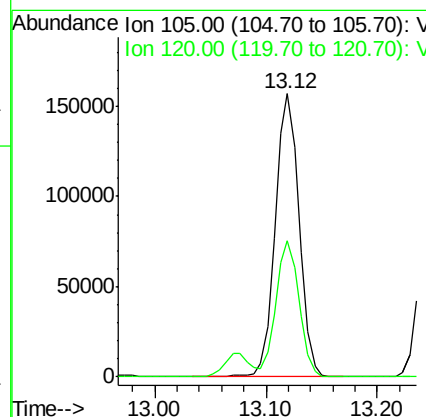
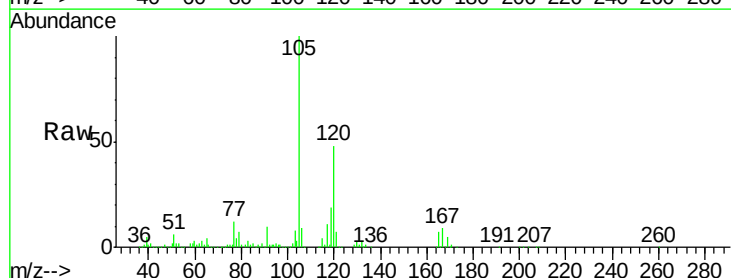
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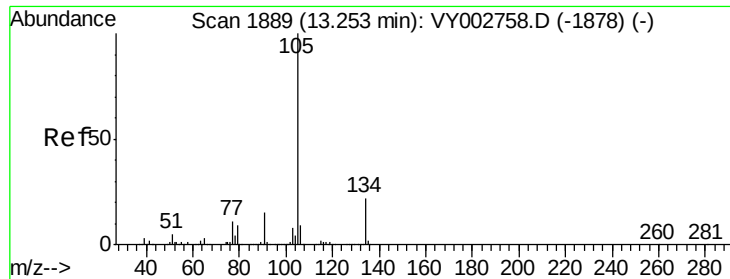
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#84
1,2,4-Trimethylbenzene
Concen: 21.516 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	233729		
120	46.6		23.6	70.8





#85

sec-Butylbenzene

Concen: 21.582 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0618SBS01

Tot Ion:105 Resp: 284377

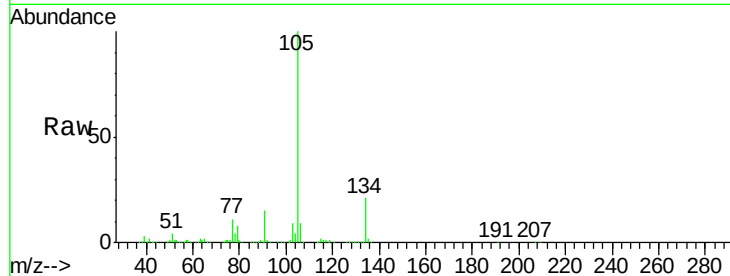
Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4

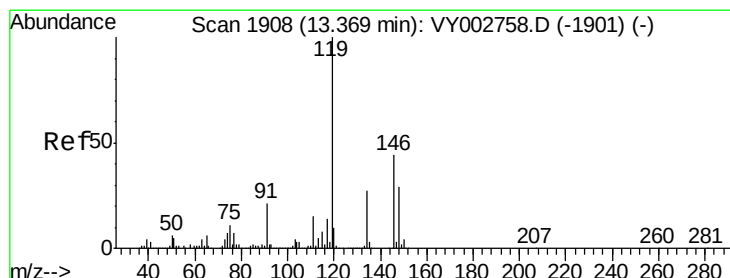
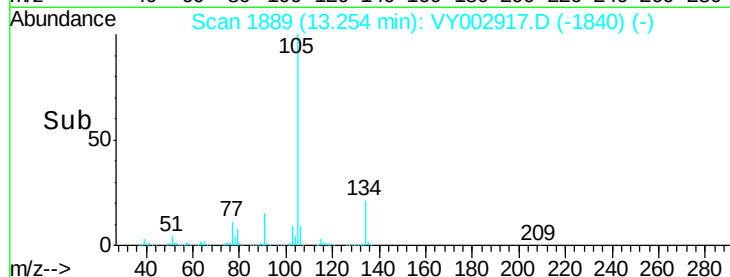
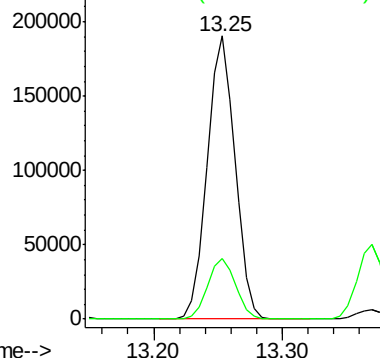
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.717 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

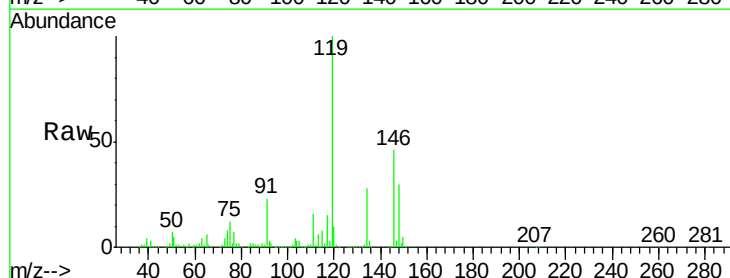
Tgt Ion:119 Resp: 266271

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

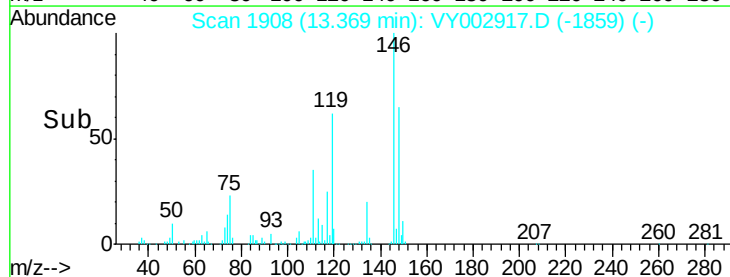
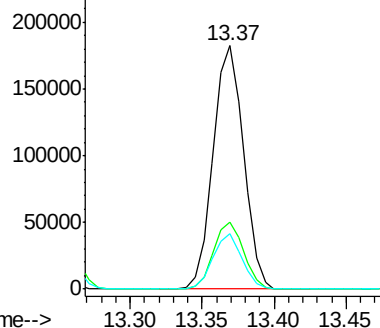
91 21.7 10.8 32.4

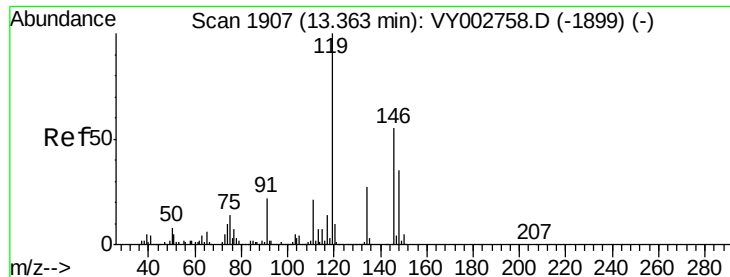


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





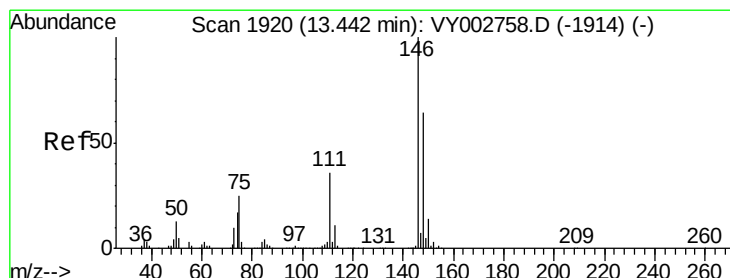
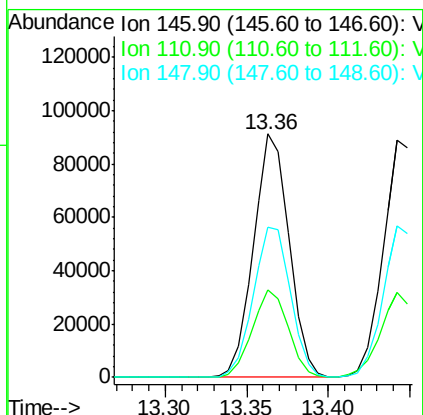
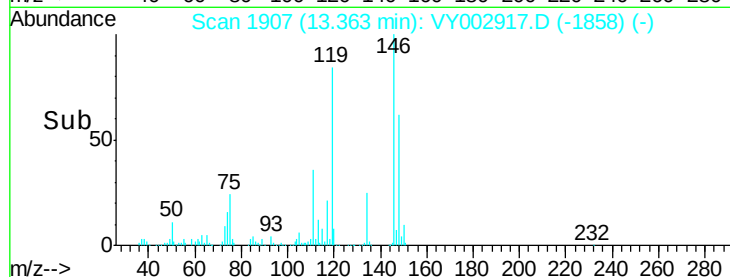
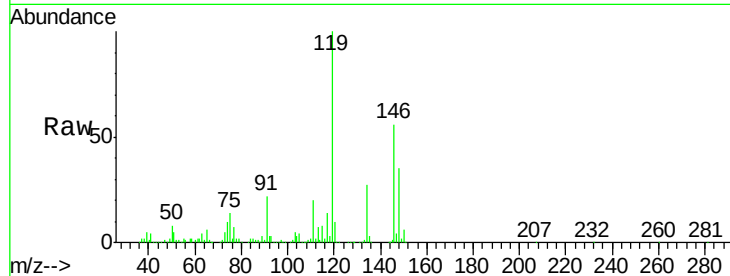
#87
 1,3-Dichlorobenzene
 Concen: 21.689 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.4	55.0
148	64.2	31.9	95.7

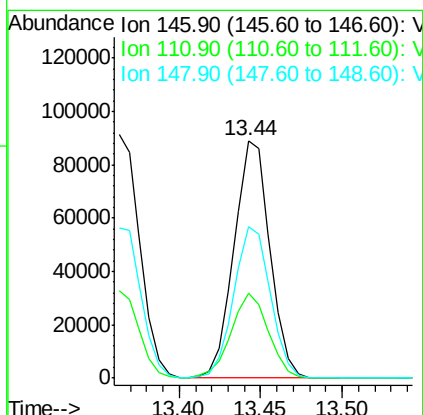
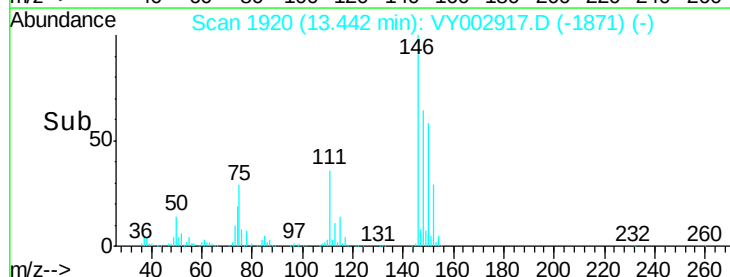
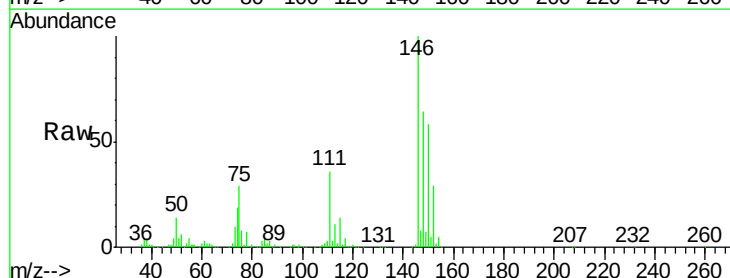
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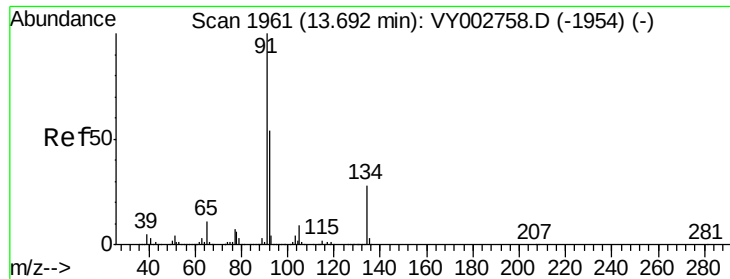
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#88
 1,4-Dichlorobenzene
 Concen: 21.324 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.3
148	65.0	32.1	96.3





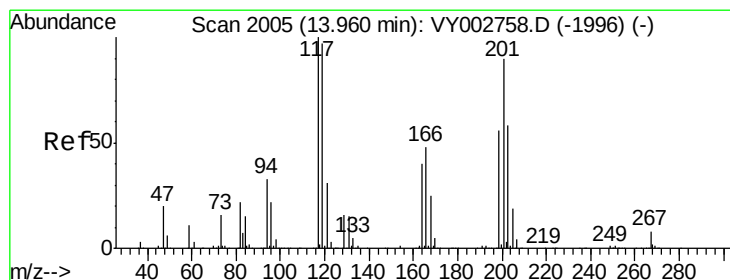
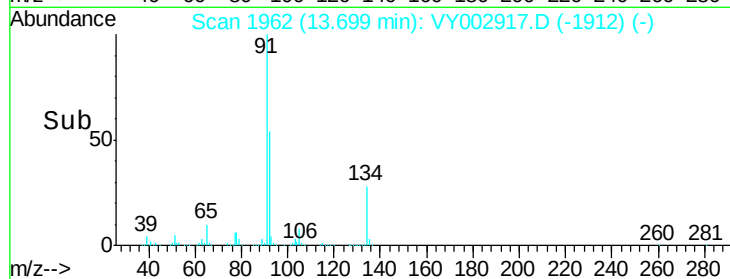
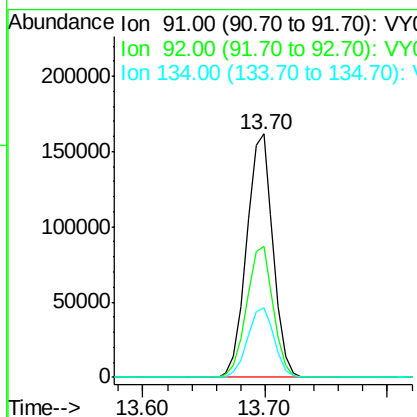
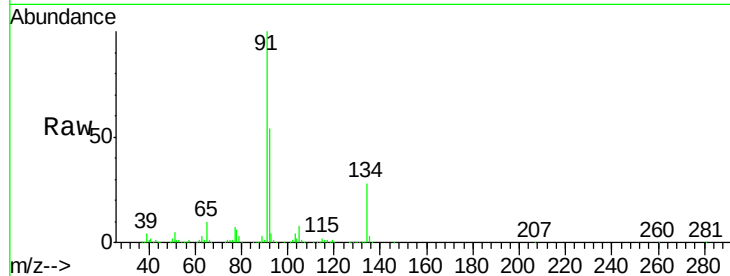
#89
n-Butylbenzene
Concen: 21.669 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	241211		
92	54.1		27.1	81.2
134	29.1		14.3	42.9

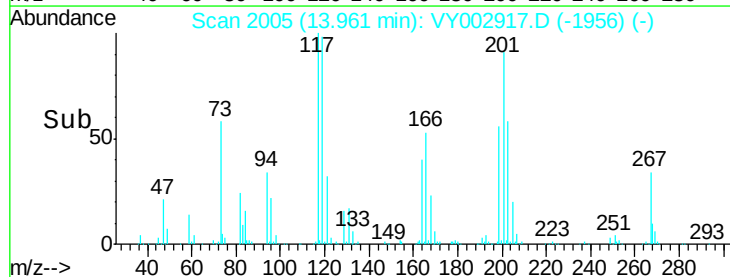
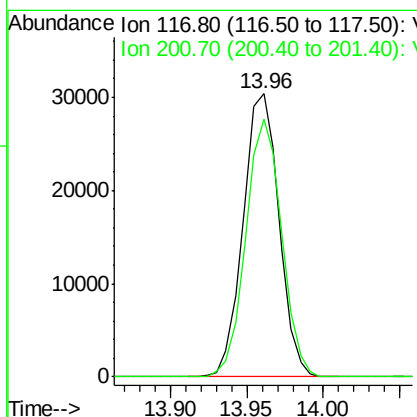
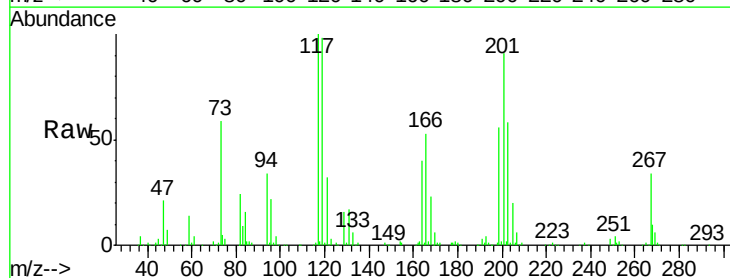
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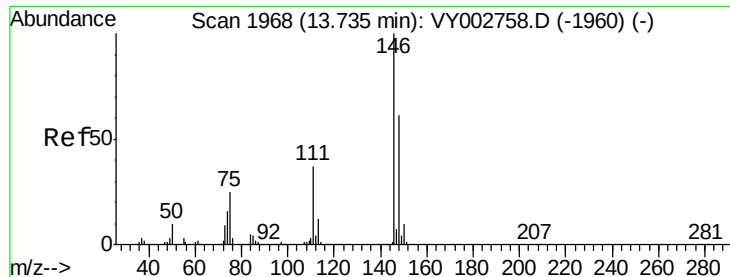
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#90
Hexachloroethane
Concen: 21.570 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	49510		
201	90.7		43.9	131.6





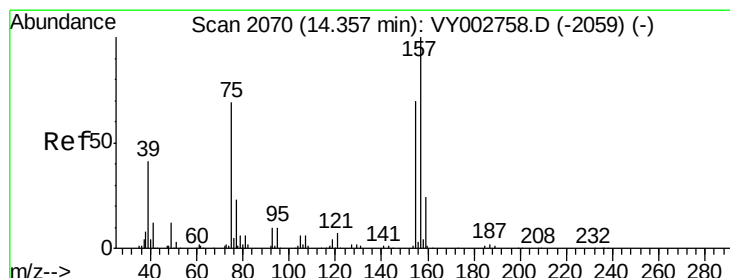
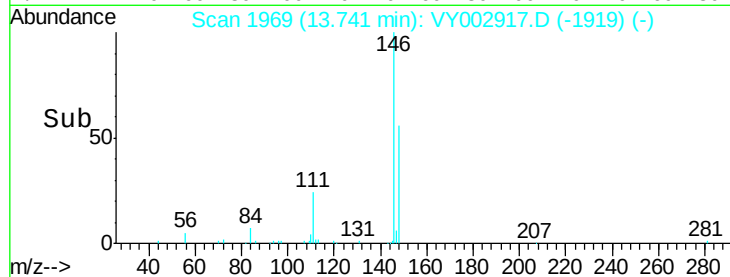
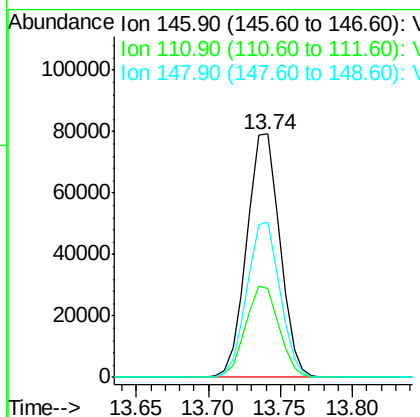
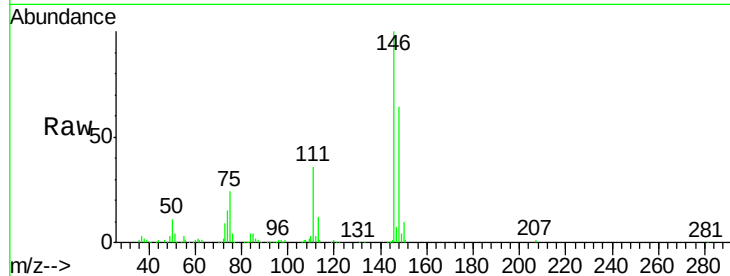
#91
 1,2-Dichlorobenzene
 Concen: 21.790 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	126115		
111	37.7	18.9	56.9	
148	63.8	31.9	95.5	

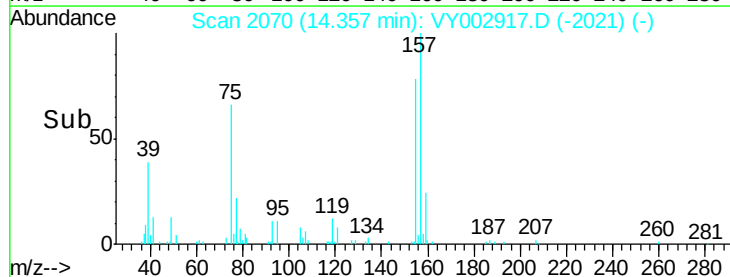
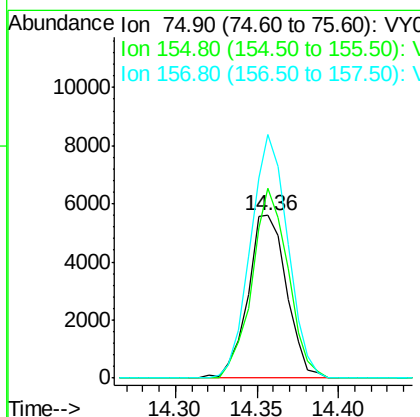
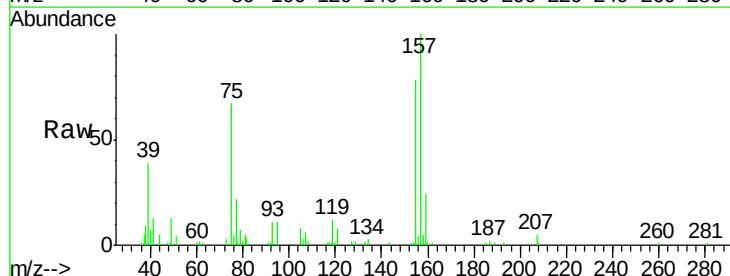
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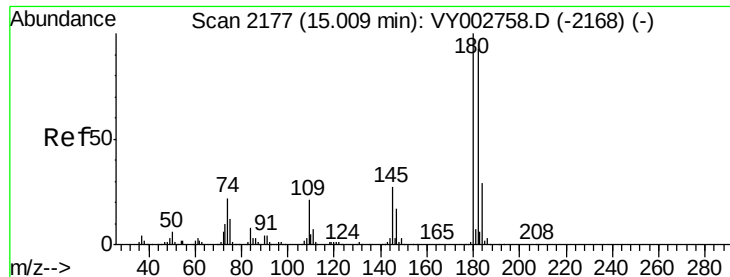
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.274 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	9292		
155	108.3	53.5	160.5	
157	143.8	69.9	209.7	





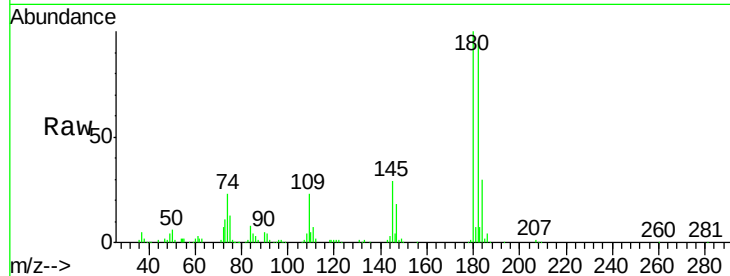
#93
 1,2,4-Trichlorobenzene
 Concen: 21.821 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

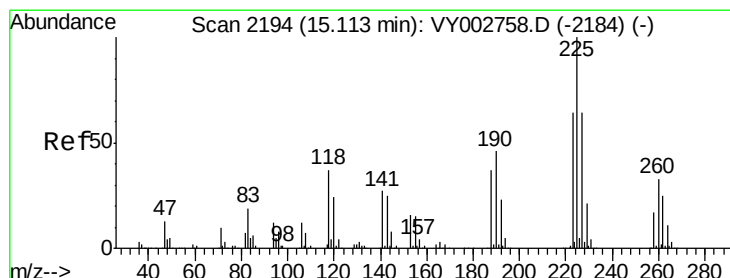
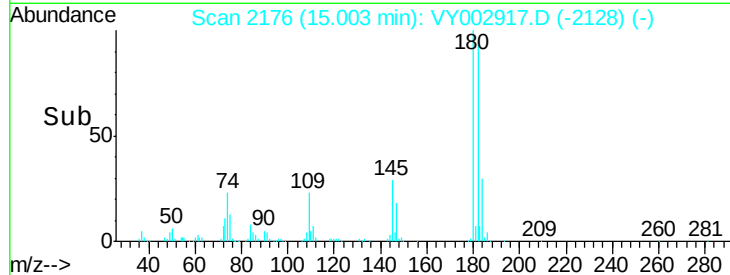
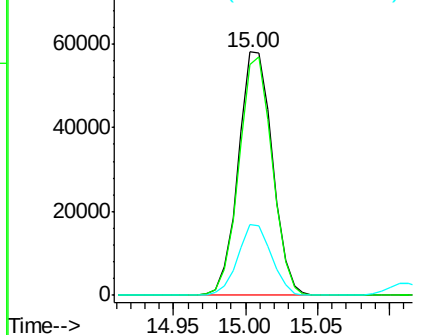
Tot Ion:	180	Resp:	95194
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.3	141.9
145	28.6	14.1	42.3

Manual Integrations
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MMDadoda
 6/19/2020 1:12:14 PM

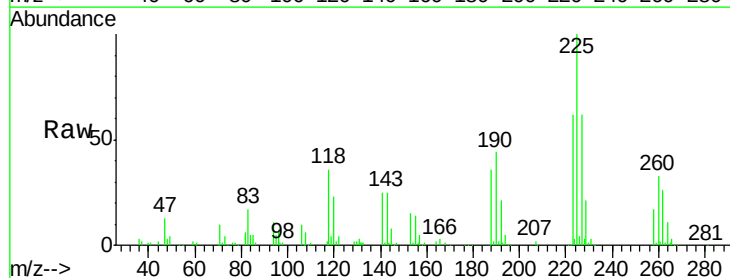


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

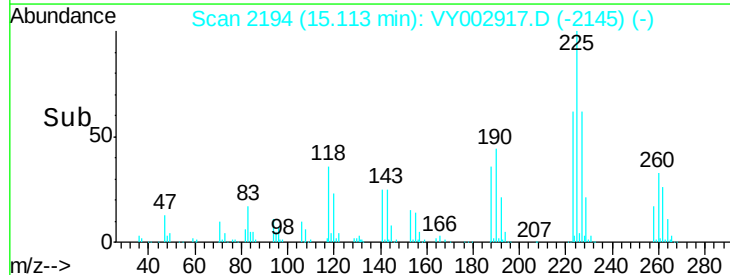
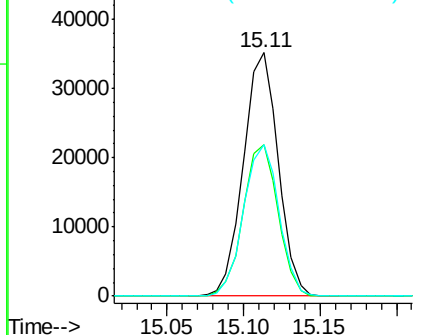


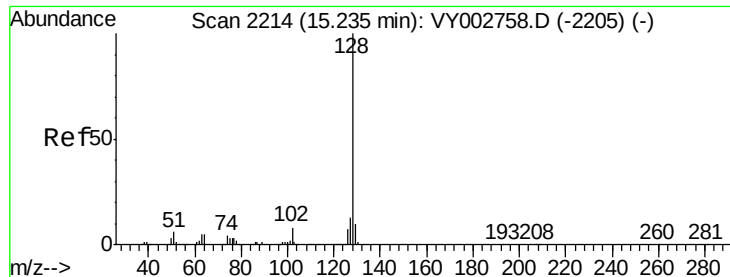
#94
 Hexachlorobutadiene
 Concen: 22.502 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion:	225	Resp:	55676
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.6	95.0
227	63.2	32.3	96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





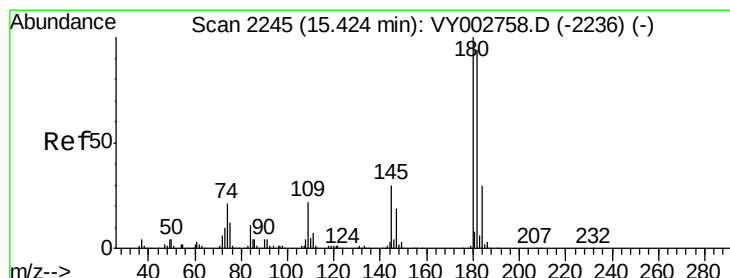
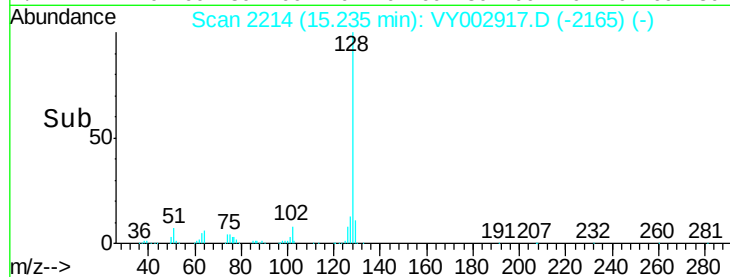
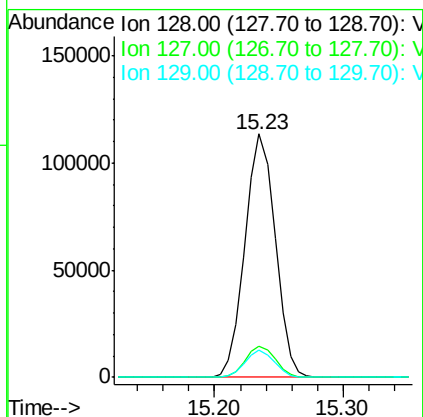
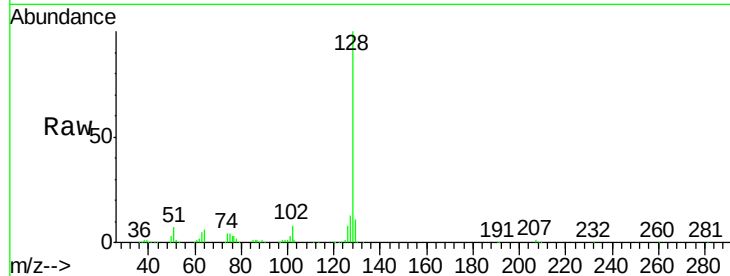
#95
Naphthalene
Concen: 21.116 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0618SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 21.579 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.1	144.4
145	30.3	15.1	45.3

