

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002965.D
 Acq On : 22 Jun 2020 11:48
 Operator : SY/MD
 Sample : VY0622SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Manual Integrations
 APPROVED

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 6/23/2020 8:13:12 PM

Quant Time: Jun 22 14:35:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	329226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	482386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	451888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	246779	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	136218	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
35) Dibromofluoromethane	7.72	113	138335	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
50) Toluene-d8	10.18	98	551412	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.48	95	190129	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	39785	18.955	ug/l	96
3) Chloromethane	2.12	50	48111	20.189	ug/l	98
4) Vinyl Chloride	2.26	62	48331	18.889	ug/l	98
5) Bromomethane	2.65	94	34712	18.385	ug/l	99
6) Chloroethane	2.80	64	30690	18.544	ug/l	94
7) Trichlorofluoromethane	3.13	101	87397	19.021	ug/l	98
8) Diethyl Ether	3.54	74	31752	19.153	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	52854	19.100	ug/l	99
10) Methyl Iodide	4.10	142	63589	16.598	ug/l	99
11) Tert butyl alcohol	4.97	59	32110	99.537	ug/l	98
12) 1,1-Dichloroethene	3.88	96	51005	18.587	ug/l	92
13) Acrolein	3.74	56	24134	88.342	ug/l	98
14) Allyl chloride	4.49	41	73762	18.637	ug/l	99
15) Acrylonitrile	5.18	53	77720	97.748	ug/l	100
16) Acetone	3.96	43	65123	96.690	ug/l	99
17) Carbon Disulfide	4.20	76	135065	16.649	ug/l	100
18) Methyl Acetate	4.49	43	37528	19.850	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	146607	19.616	ug/l	98
20) Methylene Chloride	4.72	84	63164	14.657	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	56814	18.648	ug/l	99
22) Diisopropyl ether	6.12	45	155506	19.245	ug/l	95
23) Vinyl Acetate	6.07	43	495501	94.799	ug/l	98
24) 1,1-Dichloroethane	6.03	63	90771	18.962	ug/l	100
25) 2-Butanone	6.99	43	96110	95.228	ug/l	98
26) 2,2-Dichloropropane	6.99	77	88789	19.859	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	65250	19.162	ug/l	99
28) Bromochloromethane	7.34	49	37615	18.794	ug/l	98
29) Tetrahydrofuran	7.35	42	62395	95.708	ug/l	99
30) Chloroform	7.51	83	97554	19.457	ug/l	98
31) Cyclohexane	7.78	56	83536	17.890	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	90912	19.678	ug/l	98
36) 1,1-Dichloropropene	7.92	75	74383	18.987	ug/l	99
37) Ethyl Acetate	7.08	43	41871	19.248	ug/l	99
38) Carbon Tetrachloride	7.91	117	84160	19.493	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	94688	18.335	ug/l	97
40) Benzene	8.16	78	222079	19.041	ug/l	98
41) Methacrylonitrile	7.32	41	22158m	20.346	ug/l	
42) 1,2-Dichloroethane	8.24	62	63371	19.576	ug/l	99
43) Isopropyl Acetate	8.28	43	77081	19.028	ug/l	99
44) Trichloroethene	8.94	130	69563	19.254	ug/l	99
45) 1,2-Dichloropropane	9.22	63	54792	19.534	ug/l	96
46) Dibromomethane	9.31	93	32074	19.152	ug/l	97
47) Bromodichloromethane	9.50	83	77793	19.896	ug/l	99
48) Methyl methacrylate	9.30	41	35289	19.415	ug/l	98
49) 1,4-Dioxane	9.30	88	9045	368.498	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	209690	97.683	ug/l	100
52) Toluene	10.24	92	145919	19.331	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	82879	19.503	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	95360	19.825	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	49731	19.912	ug/l	97
56) Ethyl methacrylate	10.51	69	66096	19.632	ug/l	99
57) 1,3-Dichloropropane	10.79	76	81217	19.501	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	157835	94.127	ug/l	99
59) 2-Hexanone	10.83	43	149075	98.778	ug/l	99
60) Dibromochloromethane	10.99	129	63808	20.033	ug/l	100
61) 1,2-Dibromoethane	11.09	107	48540	19.590	ug/l	99
64) Tetrachloroethene	10.72	164	73473	19.512	ug/l	97
65) Chlorobenzene	11.52	112	166369	19.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	64228	19.865	ug/l	98
67) Ethyl Benzene	11.59	91	287913	19.514	ug/l	100
68) m/p-Xylenes	11.70	106	223435	38.971	ug/l	99
69) o-Xylene	12.03	106	107093	19.816	ug/l	100
70) Styrene	12.05	104	184732	19.783	ug/l	100
71) Bromoform	12.20	173	44705	20.657	ug/l #	99
73) Isopropylbenzene	12.33	105	294342	19.461	ug/l	100
74) N-amyl acetate	12.14	43	73932	18.981	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	55134	19.661	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	42950m	19.984	ug/l	
77) Bromobenzene	12.61	156	77443	19.557	ug/l	100
78) n-propylbenzene	12.67	91	340252	19.391	ug/l	100
79) 2-Chlorotoluene	12.75	91	189744	19.306	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	247667	19.643	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	22145	19.672	ug/l	95
82) 4-Chlorotoluene	12.86	91	200027	19.353	ug/l	99
83) tert-Butylbenzene	13.08	119	219162	19.406	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	249257	19.646	ug/l	100
85) sec-Butylbenzene	13.25	105	301496	19.625	ug/l	100
86) p-Isopropyltoluene	13.37	119	287230	19.932	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	148066	19.837	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	147162	19.688	ug/l	99
89) n-Butylbenzene	13.70	91	255556	19.617	ug/l	100
90) Hexachloroethane	13.96	117	52550	19.578	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	135904	20.005	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10647	20.324	ug/l	95

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ClientSampleId :
VY0622SBS01

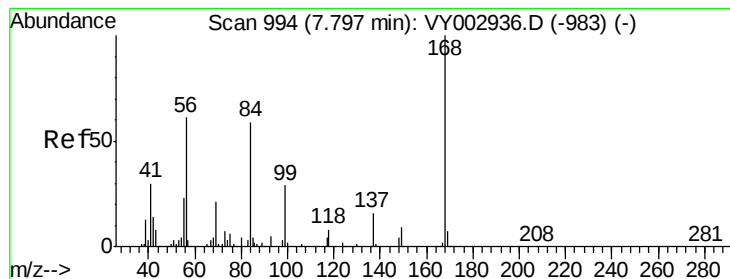
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	104067	20.415	ug/l	99
94) Hexachlorobutadiene	15.11	225	59806	20.354	ug/l	99
95) Naphthalene	15.23	128	201301	19.813	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	92120	20.255	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: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion:168 Resp: 329226

Ion Ratio Lower Upper

168 100

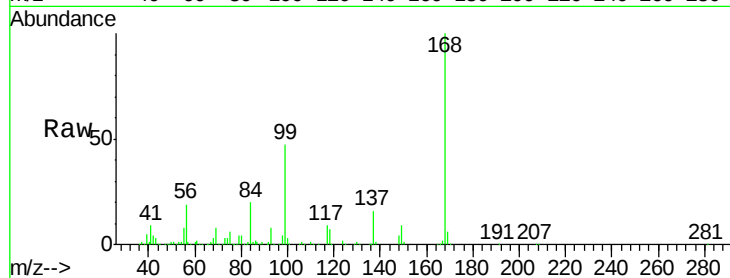
99 47.1 39.5 59.3

Manual Integrations

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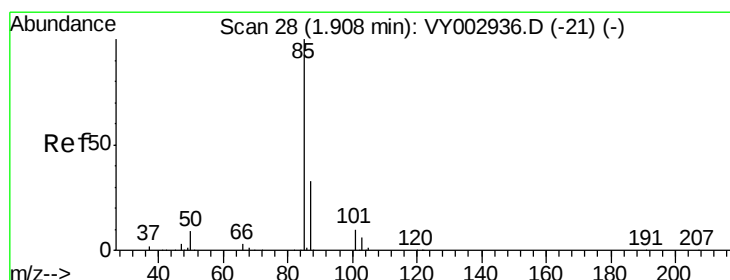
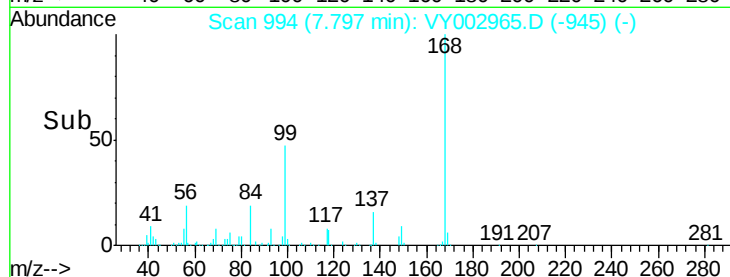
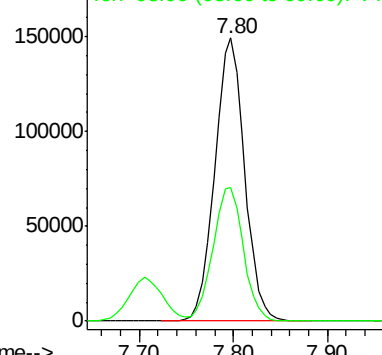
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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 18.955 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002965.D

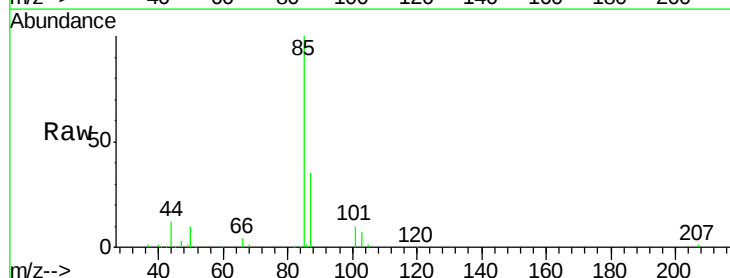
Acq: 22 Jun 2020 11:48

Tgt Ion: 85 Resp: 39785

Ion Ratio Lower Upper

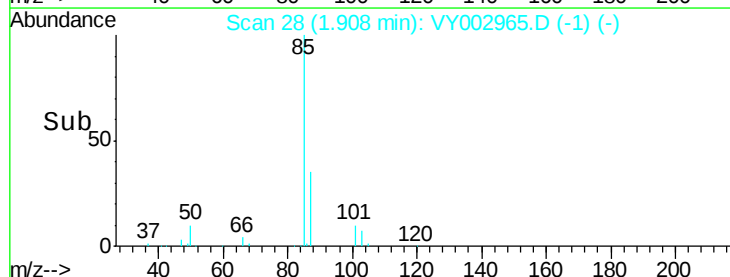
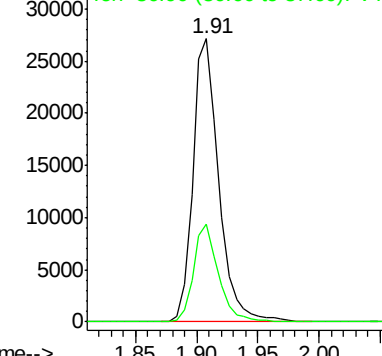
85 100

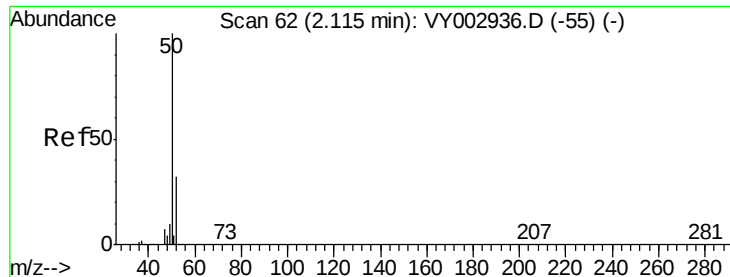
87 34.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 20.189 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 50 Resp: 48111

Ion Ratio Lower Upper

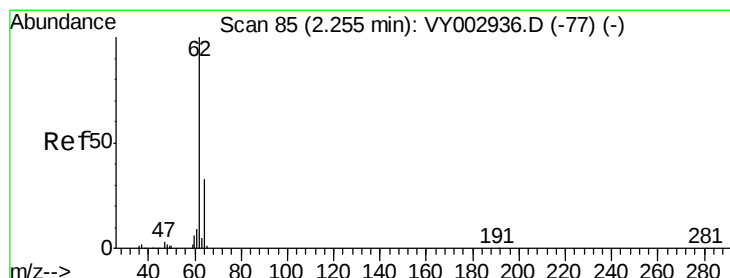
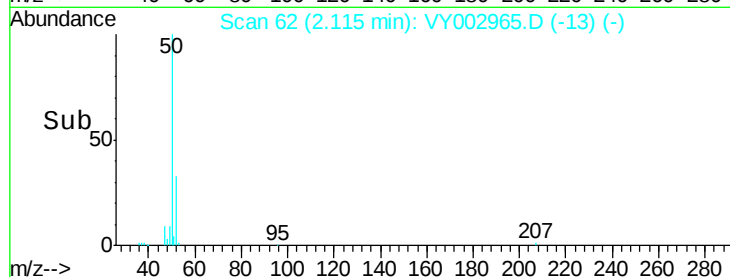
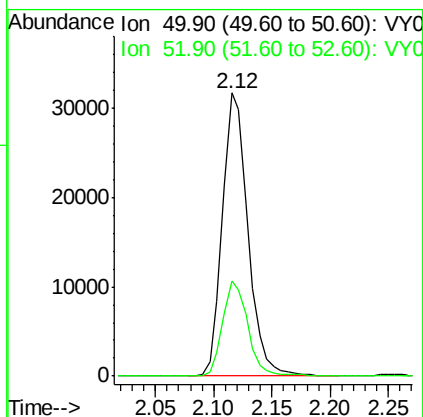
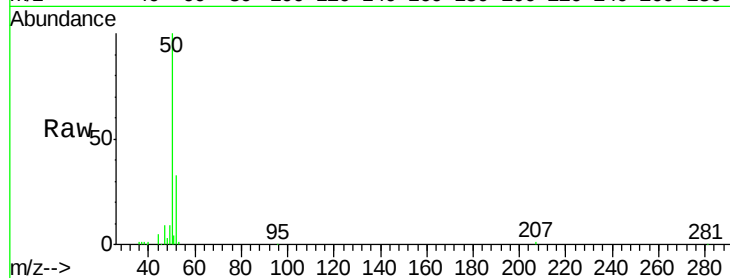
50 100

52 33.4 25.8 38.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.889 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002965.D

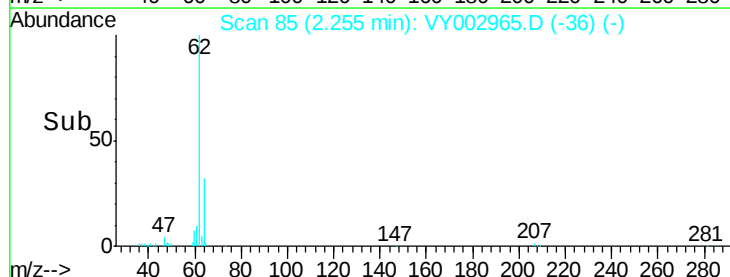
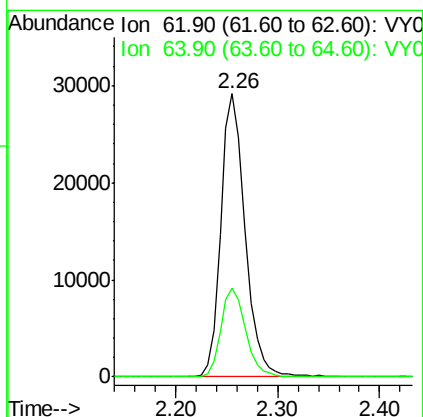
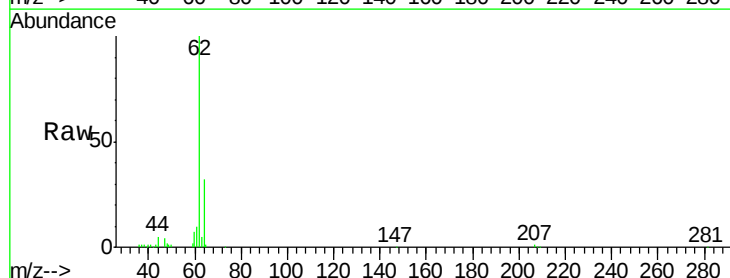
Acq: 22 Jun 2020 11:48

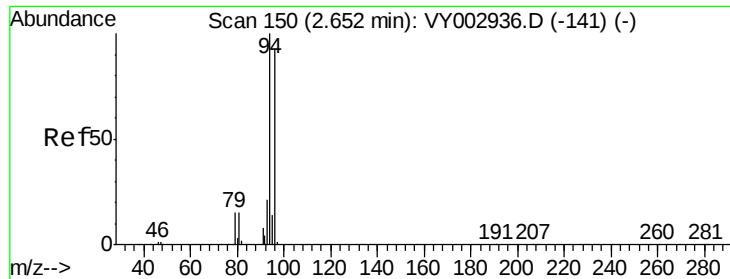
Tgt Ion: 62 Resp: 48331

Ion Ratio Lower Upper

62 100

64 31.5 26.3 39.5





#5

Bromomethane

Concen: 18.385 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 94 Resp: 34712

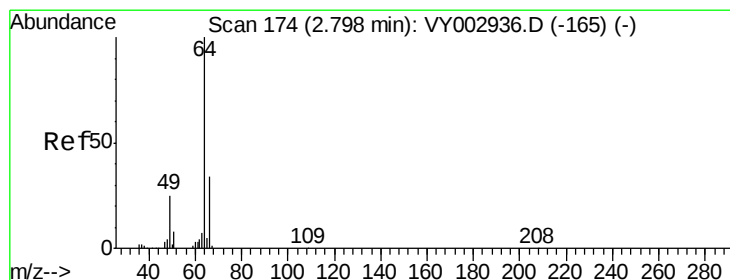
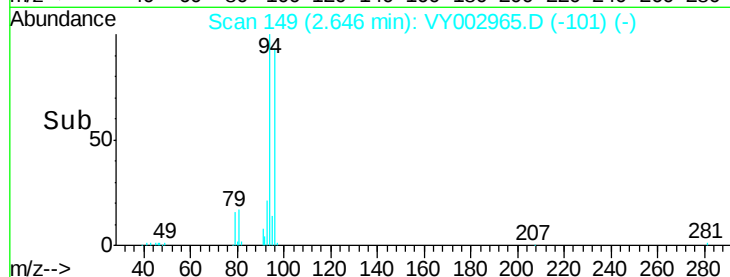
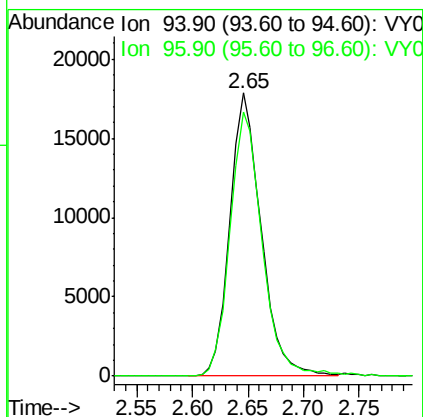
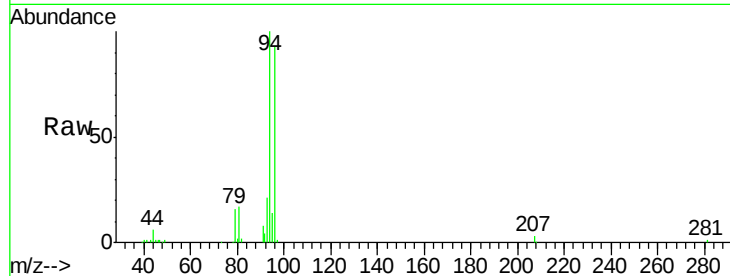
Ion Ratio Lower Upper

94 100

96 93.5 73.7 110.5

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#6

Chloroethane

Concen: 18.544 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002965.D

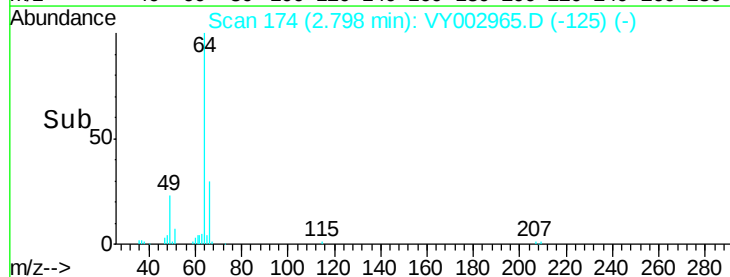
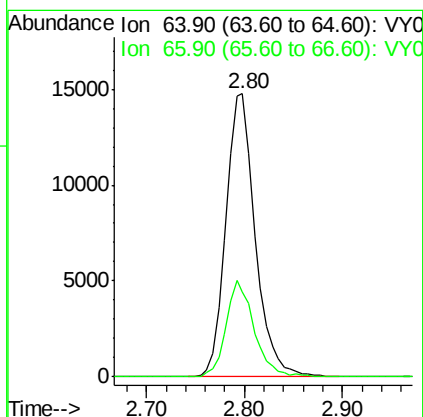
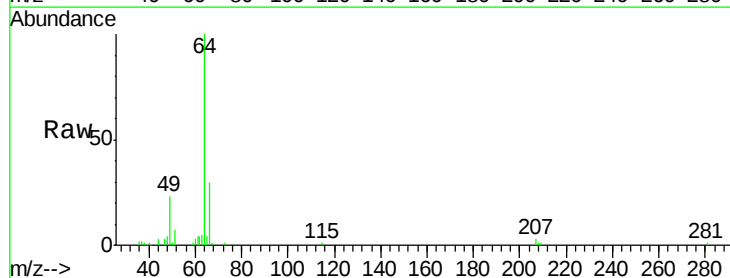
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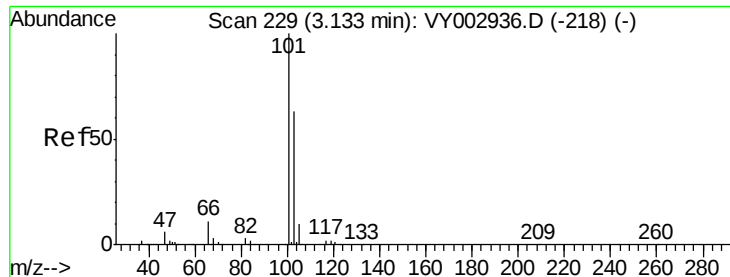
Tgt Ion: 64 Resp: 30690

Ion Ratio Lower Upper

64 100

66 30.1 27.0 40.6





#7

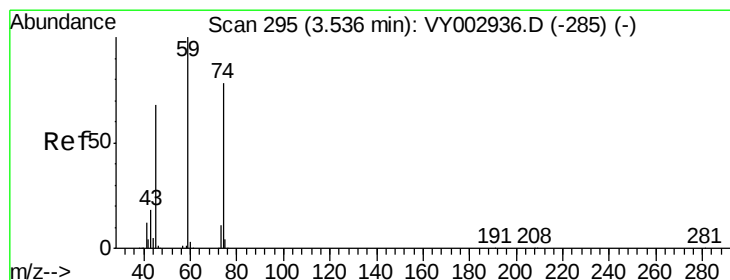
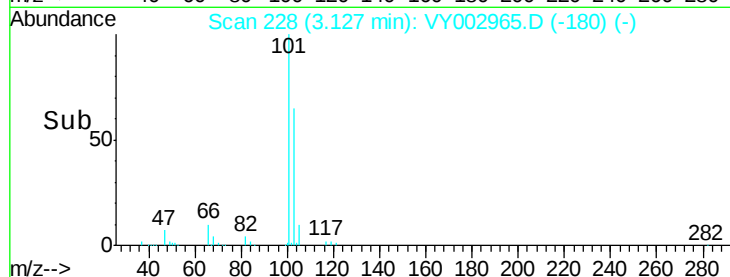
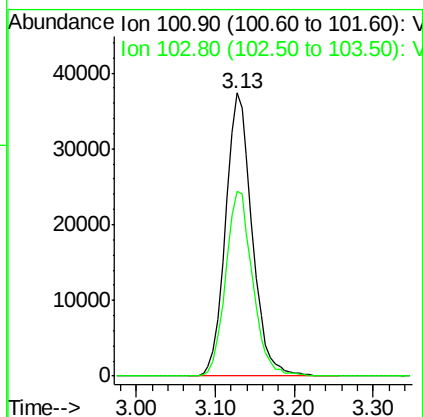
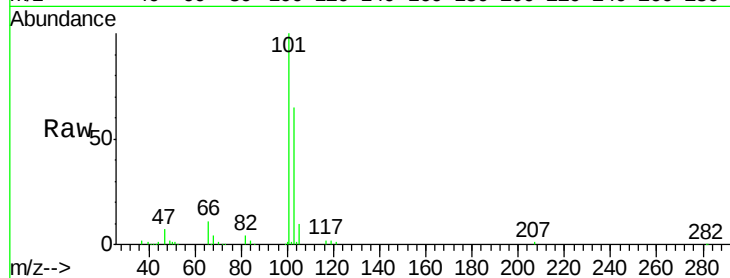
Trichlorofluoromethane
Concen: 19.021 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

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ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	50.6	76.0

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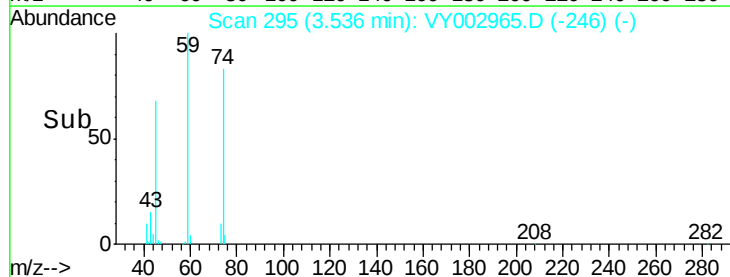
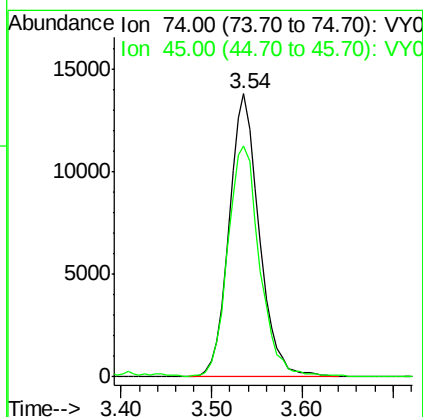
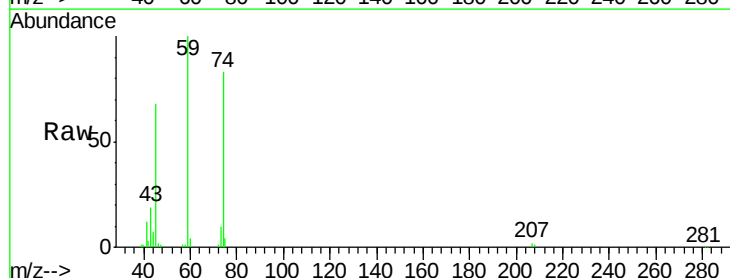
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6/23/2020 8:13:12 PM

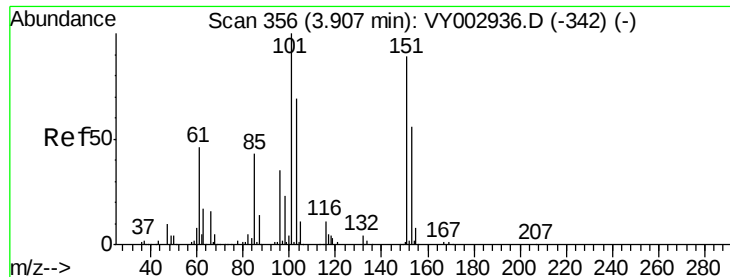


#8

Diethyl Ether
Concen: 19.153 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.3	43.7	131.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.100 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

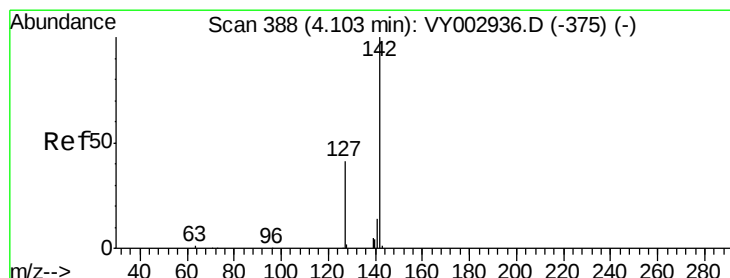
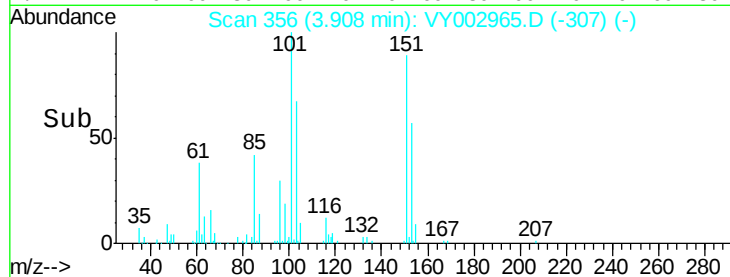
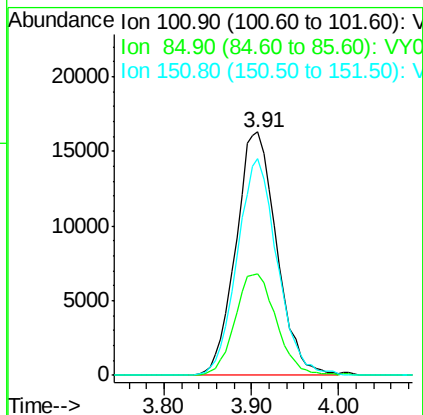
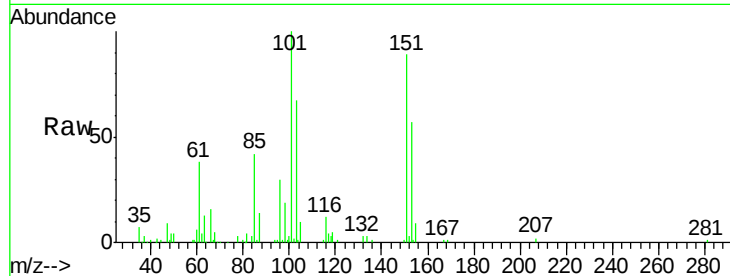
ClientSampleId :

VY0622SBS01

Tot Ion:	101	Resp:	52854
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.6	50.4
151	87.3	70.4	105.6

Manual Integrations
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#10

Methyl Iodide

Concen: 16.598 ug/l

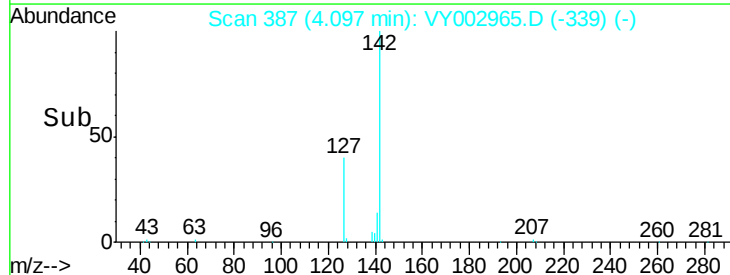
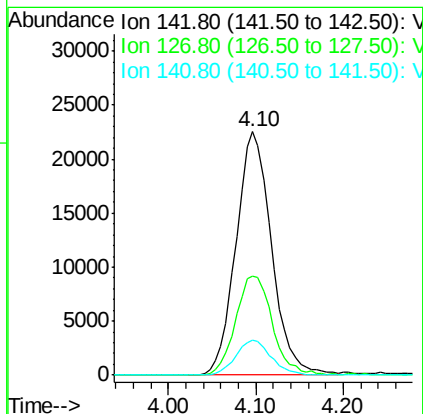
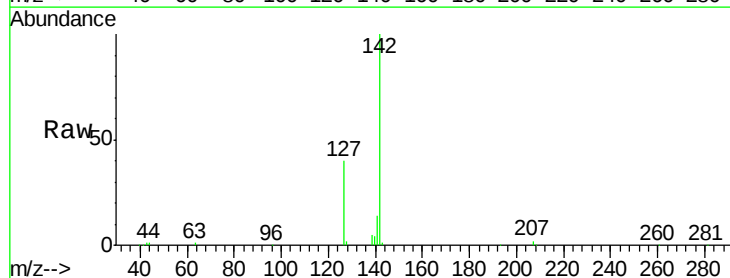
RT: 4.10 min Scan# 387

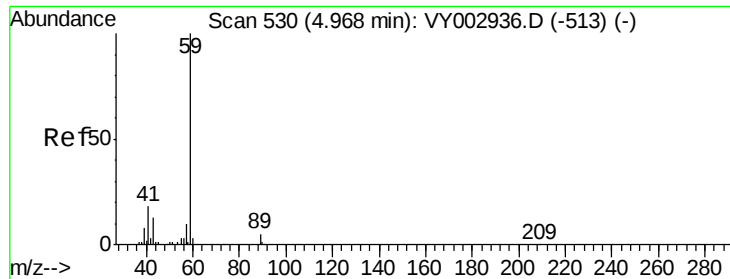
Delta R.T. -0.01 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Tgt Ion:	142	Resp:	63589
Ion Ratio	Lower	Upper	
142	100		
127	42.0	32.9	49.3
141	14.2	11.3	16.9





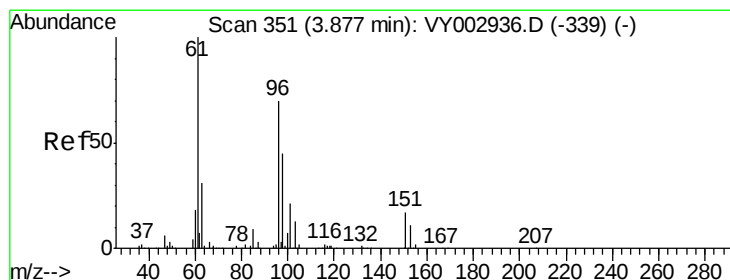
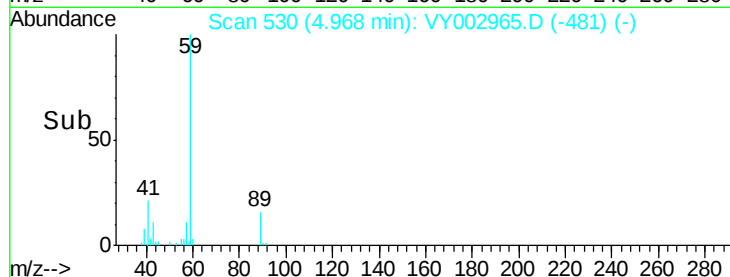
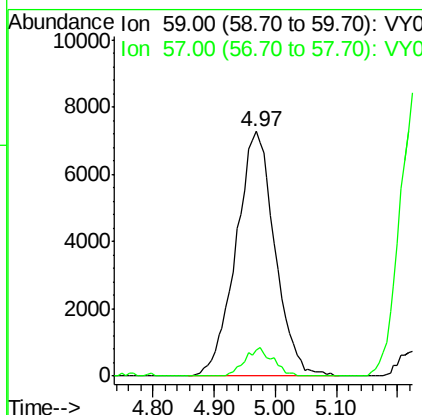
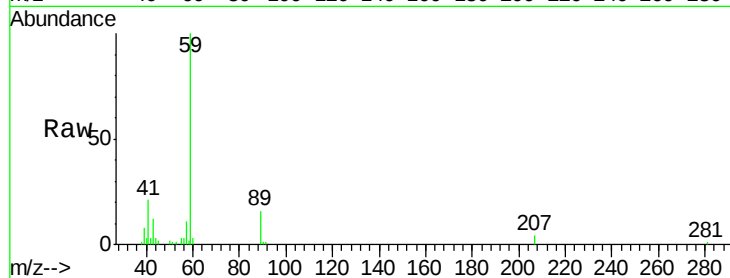
#11
Tert butyl alcohol
Concen: 99.537 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.5	7.4	11.2

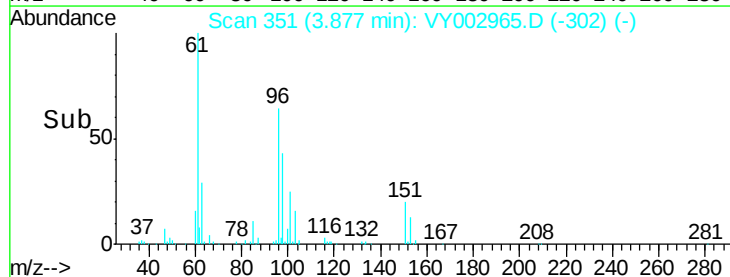
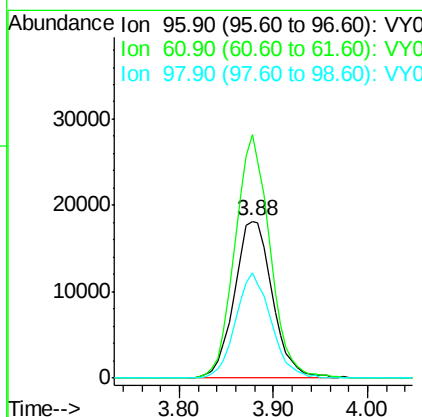
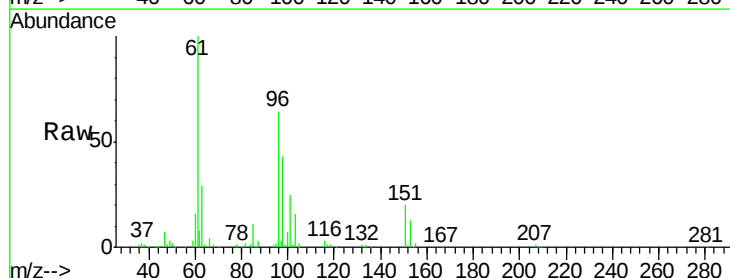
Manual Integrations
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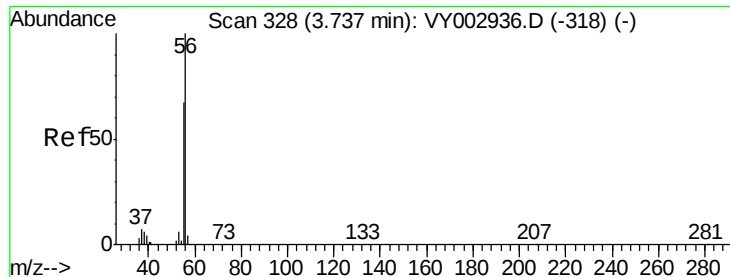
MMDadoda
6/23/2020 8:13:12 PM



#12
1,1-Dichloroethene
Concen: 18.587 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.3	114.6	172.0
98	67.2	51.4	77.0





#13

Acrolein

Concen: 88.342 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 56 Resp: 24134

Ion Ratio Lower Upper

56 100

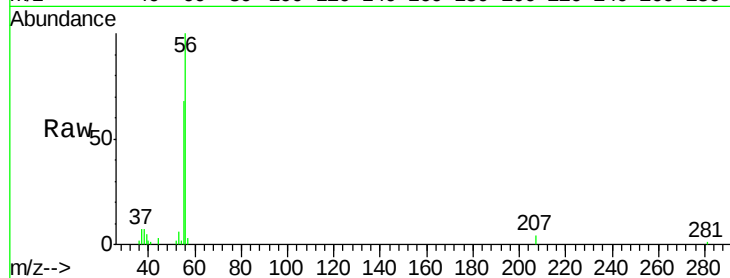
55 70.5 55.3 82.9

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

10000

8000

6000

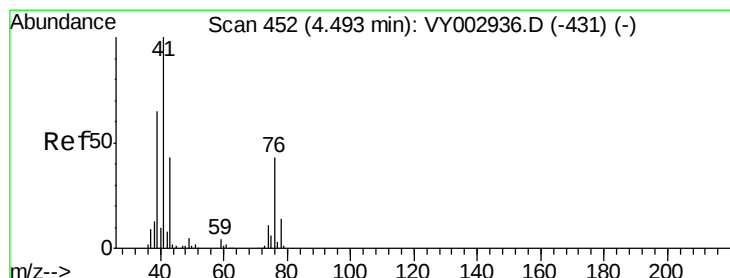
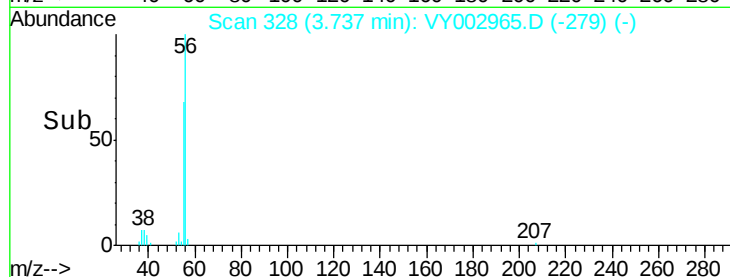
4000

2000

0

3.70 3.80

Time-->



#14

Allyl chloride

Concen: 18.637 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

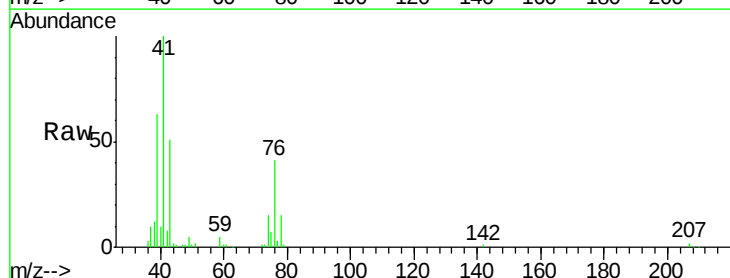
Tgt Ion: 41 Resp: 73762

Ion Ratio Lower Upper

41 100

39 61.7 50.0 75.0

76 41.8 33.3 49.9



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

30000

25000

20000

15000

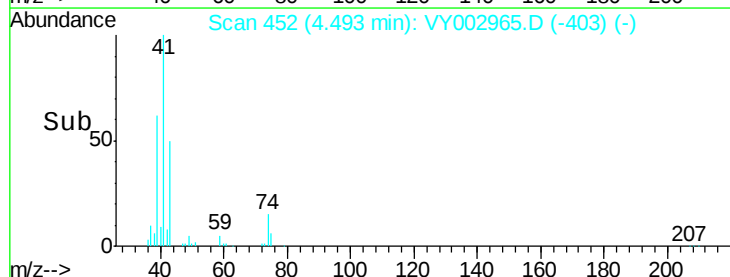
10000

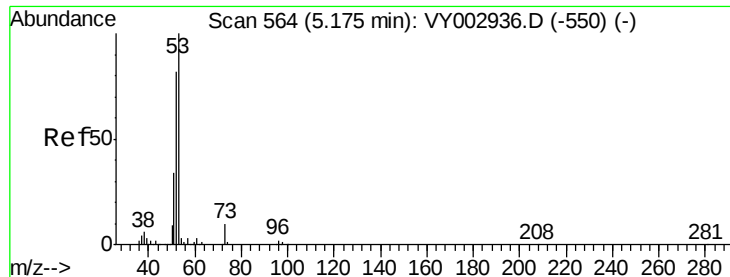
5000

0

4.30 4.40 4.50 4.60 4.70

Time-->





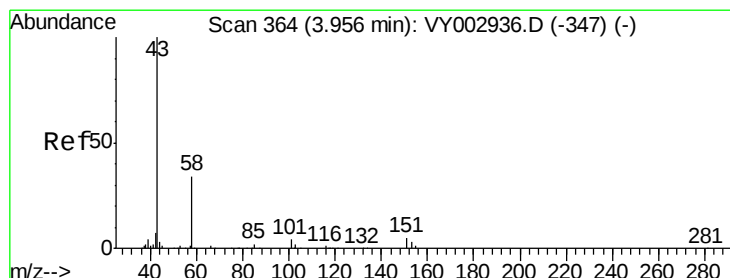
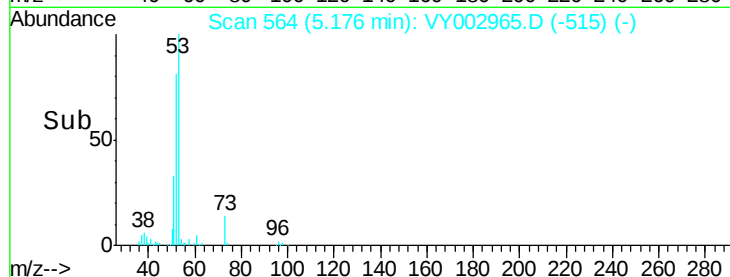
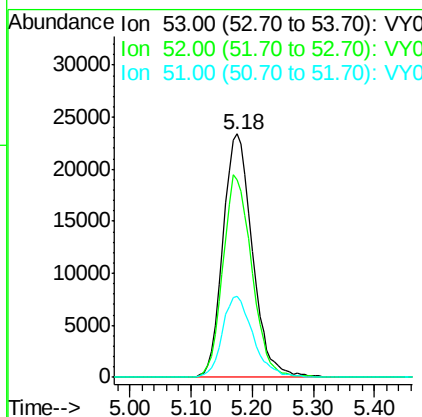
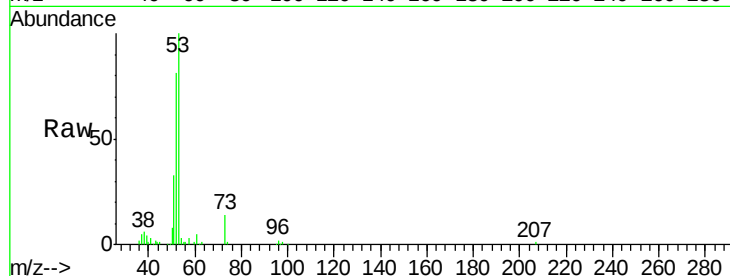
#15
 Acrylonitrile
 Concen: 97.748 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	81.8	65.7	98.5	
51	34.7	28.1	42.1	

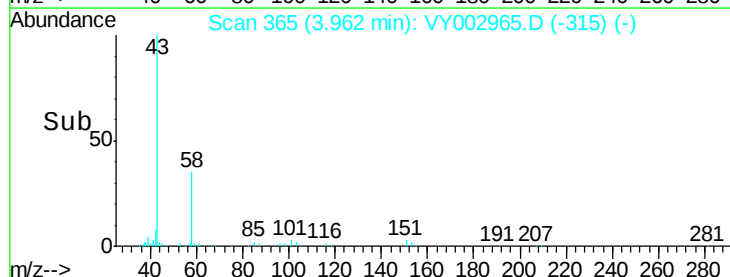
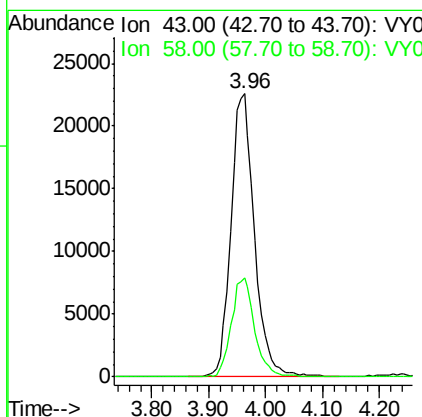
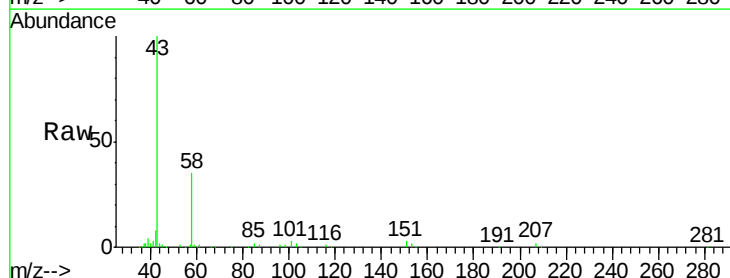
Manual Integrations
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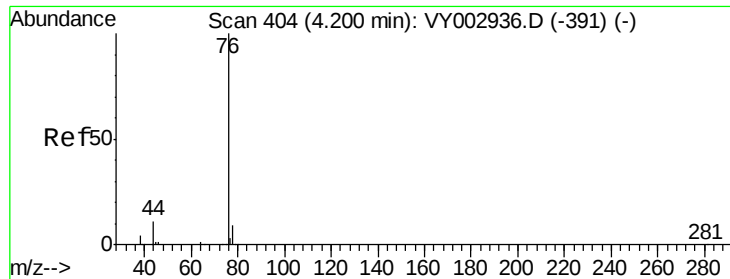
MMDadoda
 6/23/2020 8:13:12 PM



#16
 Acetone
 Concen: 96.690 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	34.8	27.3	40.9	





#17

Carbon Disulfide

Concen: 16.649 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 76 Resp: 135065

Ion Ratio Lower Upper

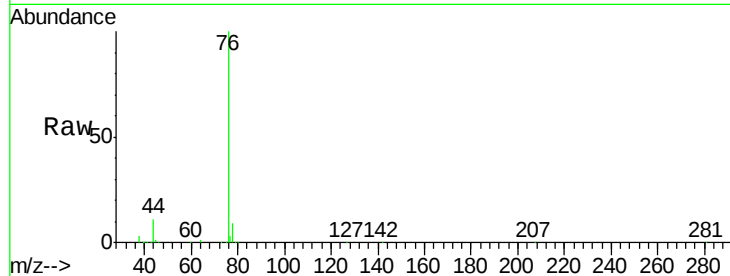
76 100

78 9.2 7.4 11.2

Manual Integrations
APPROVED

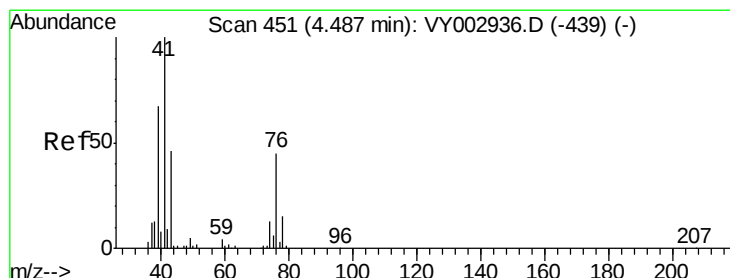
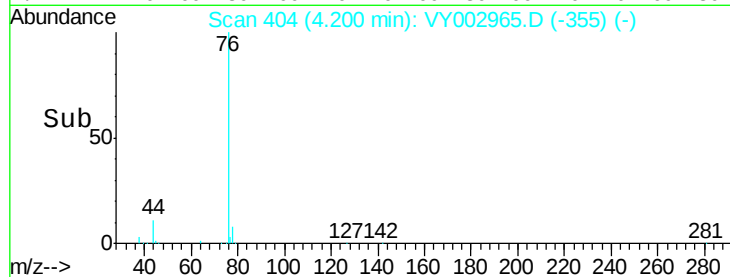
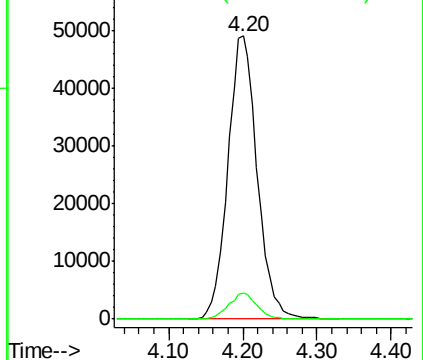
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.850 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002965.D

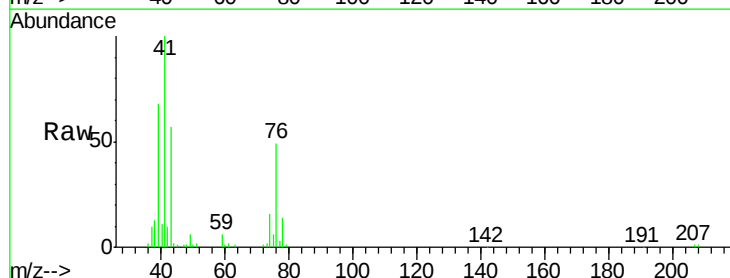
Acq: 22 Jun 2020 11:48

Tgt Ion: 43 Resp: 37528

Ion Ratio Lower Upper

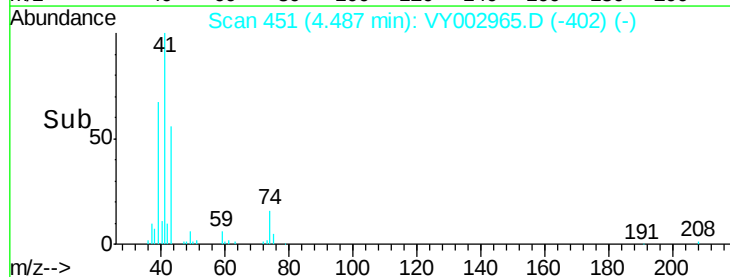
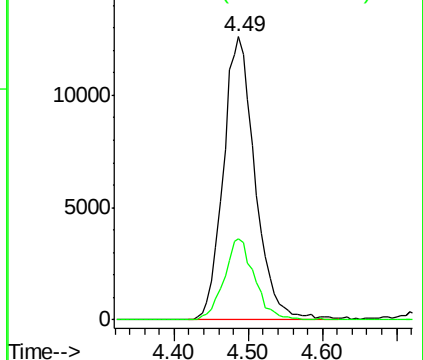
43 100

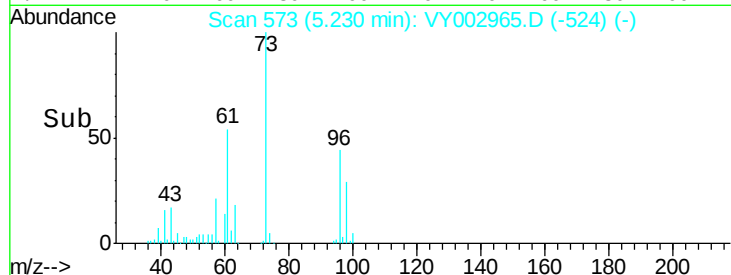
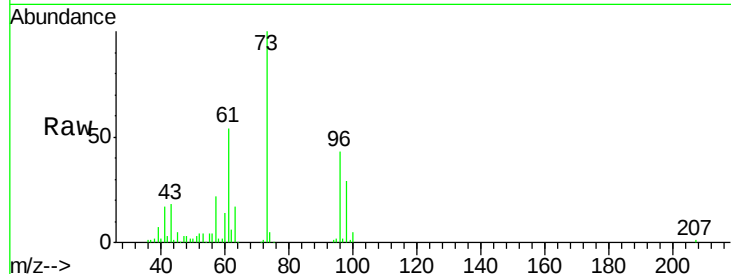
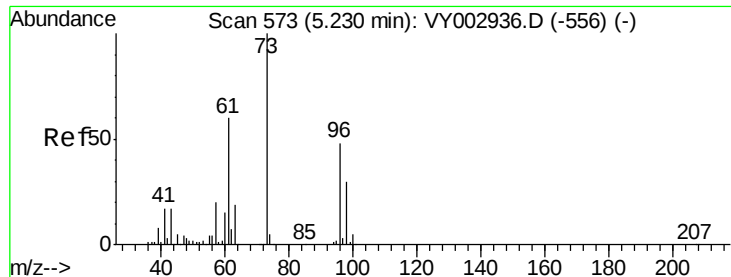
74 27.4 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





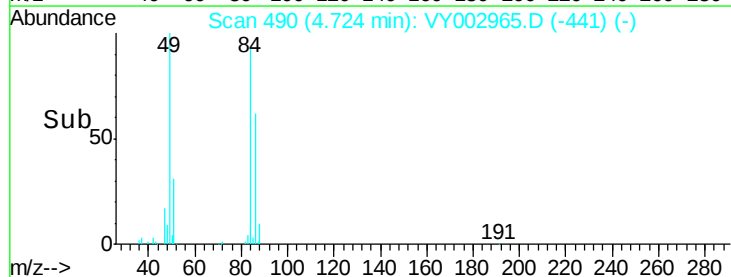
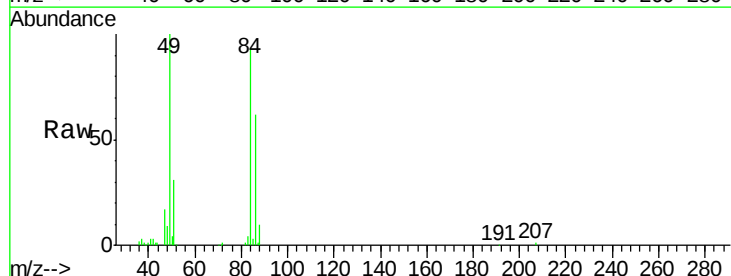
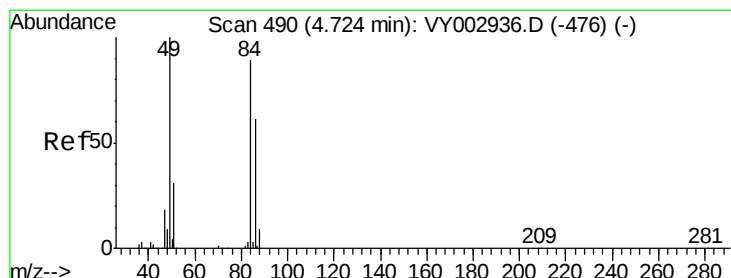
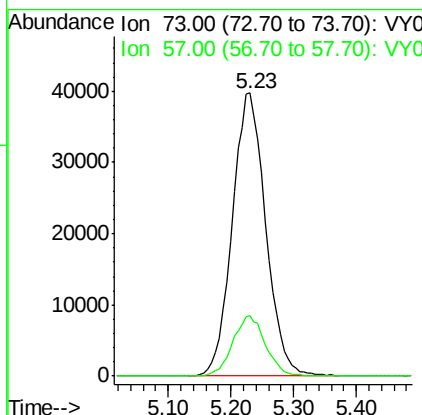
#19
Methvl tert-butvl Ether
Concen: 19.616 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tot Ion: 73 Resp: 146607
Ion Ratio Lower Upper
73 100
57 21.6 16.4 24.6

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

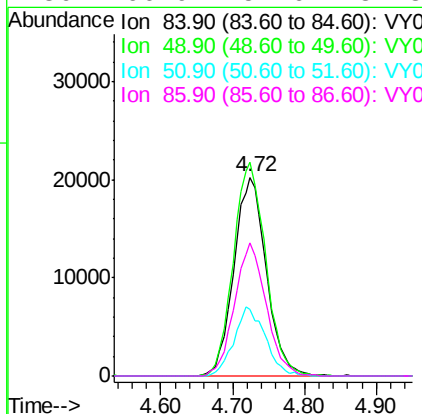
Manual Integrations
APPROVED

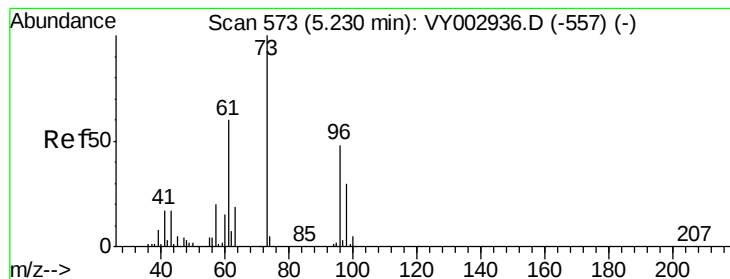
MMDadoda
6/23/2020 8:13:12 PM



#20
Methylene Chloride
Concen: 14.657 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion: 84 Resp: 63164
Ion Ratio Lower Upper
84 100
49 107.5 90.0 135.0
51 33.4 27.9 41.9
86 66.9 54.6 81.8





#21

trans-1,2-Dichloroethene

Concen: 18.648 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 96 Resp: 56814

Ion Ratio Lower Upper

96 100

61 125.7 100.6 150.8

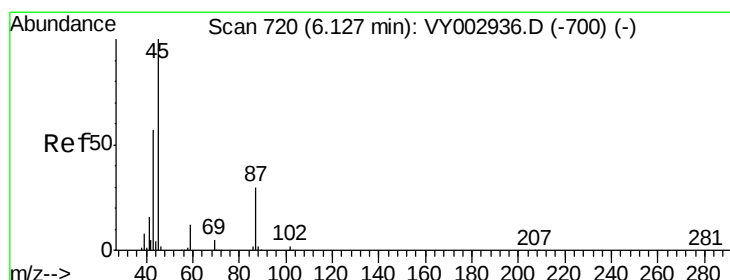
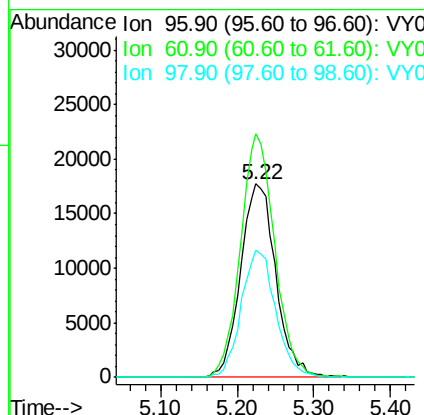
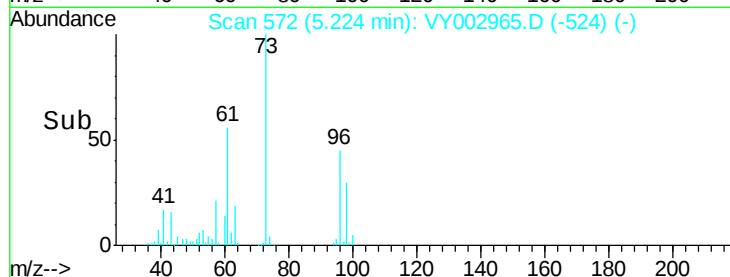
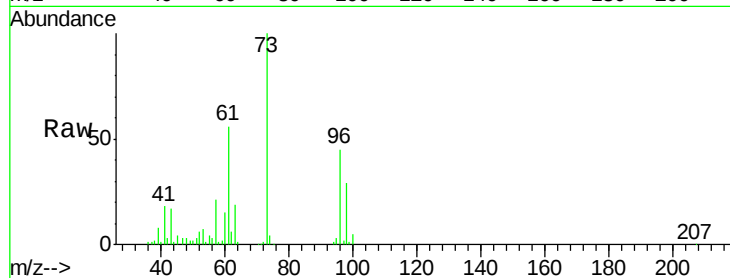
98 65.7 49.8 74.8

Manual Integrations

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6/23/2020 8:13:12 PM



#22

Diisopropyl ether

Concen: 19.245 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Tgt Ion: 45 Resp: 155506

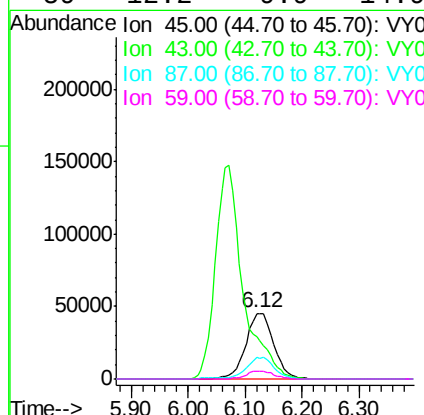
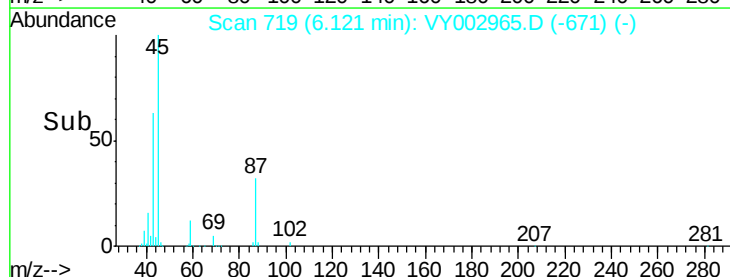
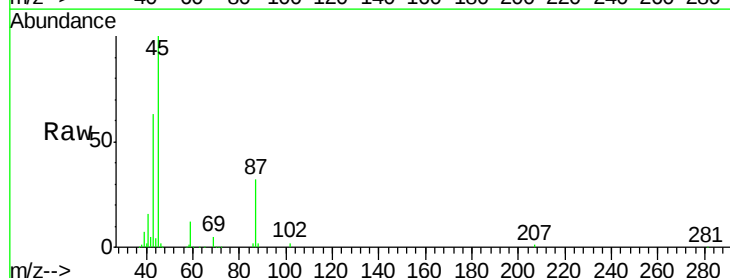
Ion Ratio Lower Upper

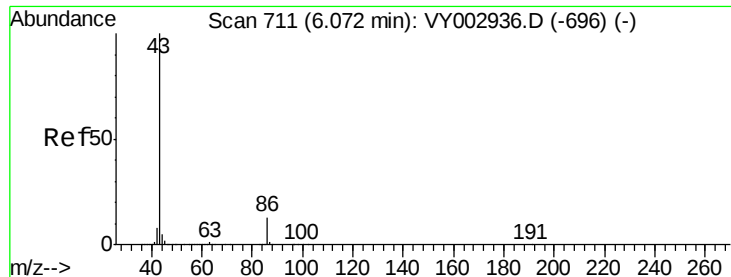
45 100

43 63.0 46.2 69.2

87 32.2 24.9 37.3

59 12.2 9.9 14.9





#23

Vinyl Acetate

Concen: 94.799 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 43 Resp: 495501

Ion Ratio Lower Upper

43 100

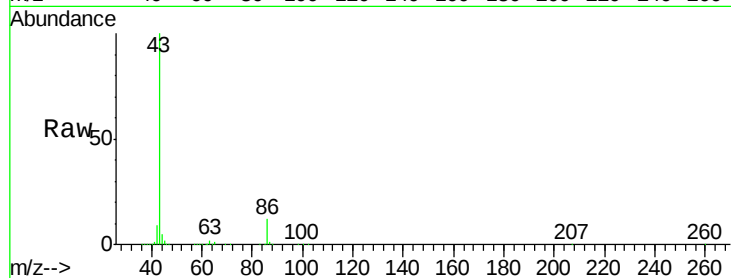
86 12.5 10.6 15.8

Manual Integrations

APPROVED

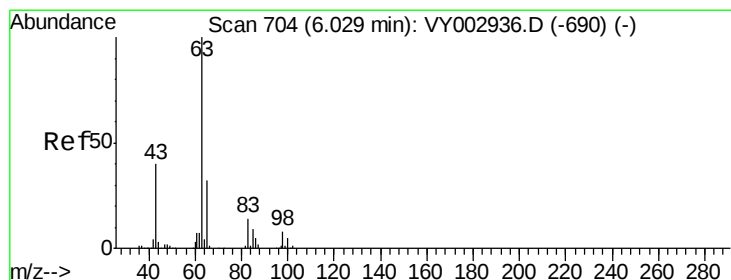
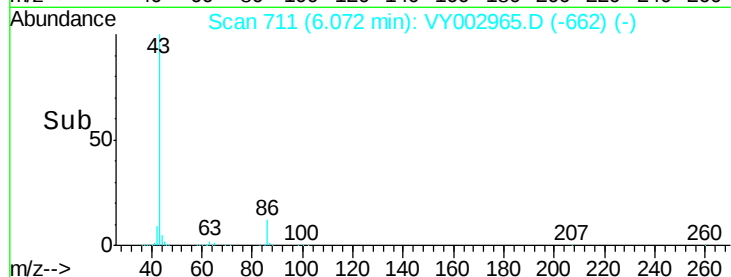
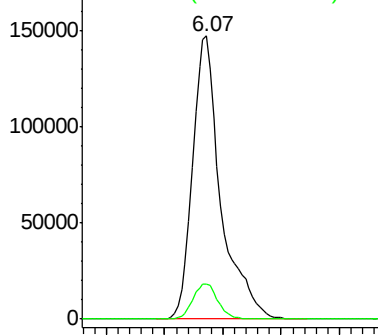
MMDadoda

6/23/2020 8:13:12 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 18.962 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

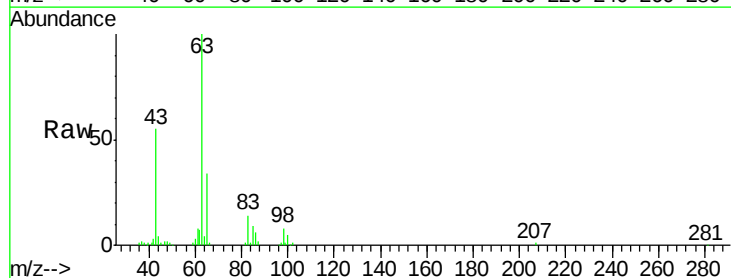
Tgt Ion: 63 Resp: 90771

Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.0

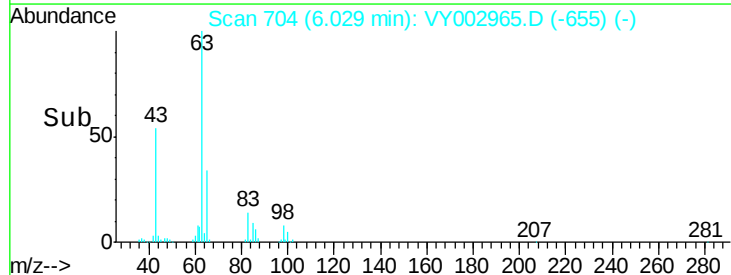
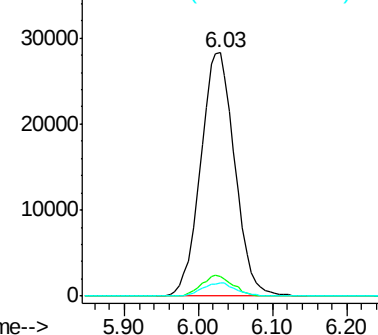
100 5.3 2.5 7.6

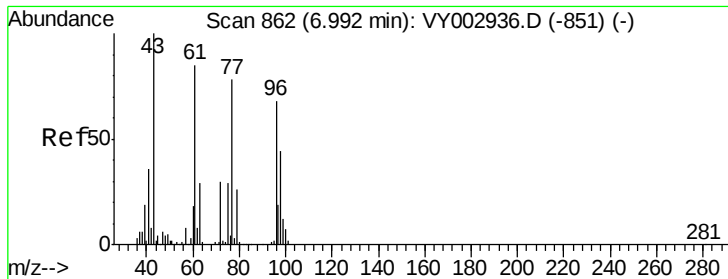


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





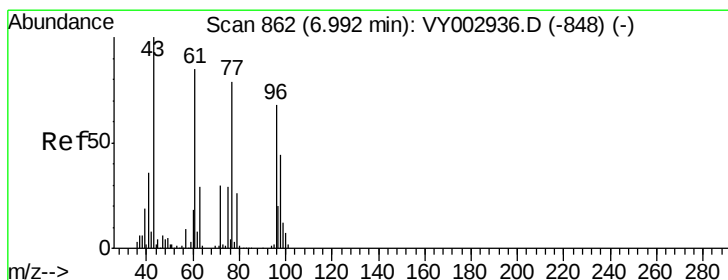
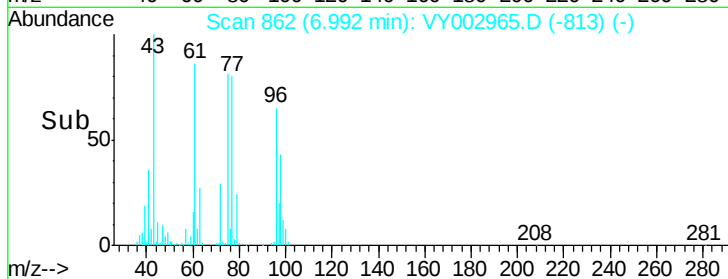
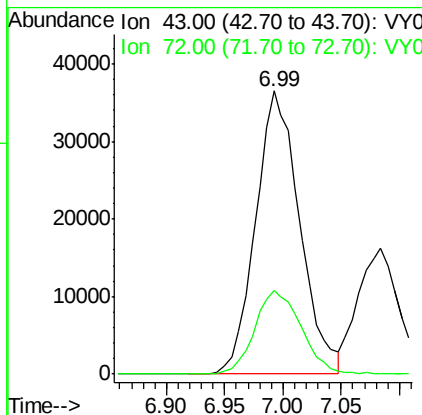
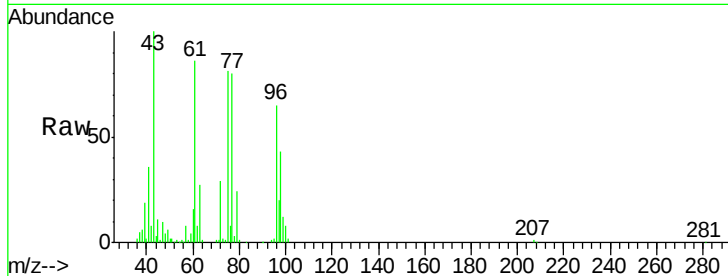
#25
2-Butanone
Concen: 95.228 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
72	29.4	24.2	36.4

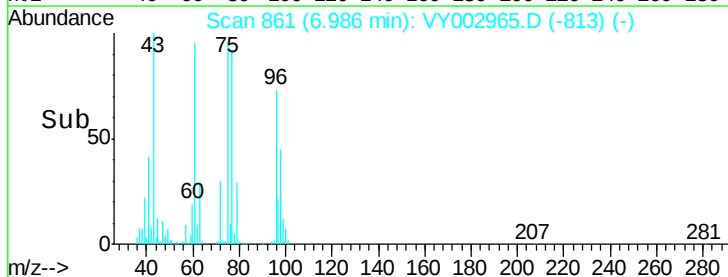
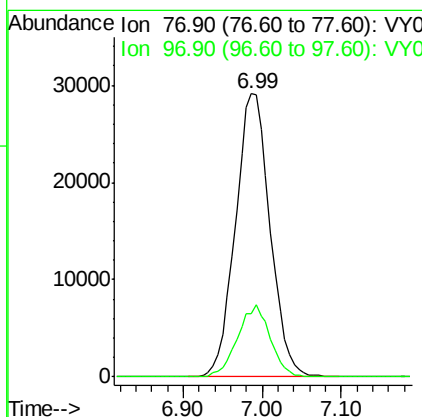
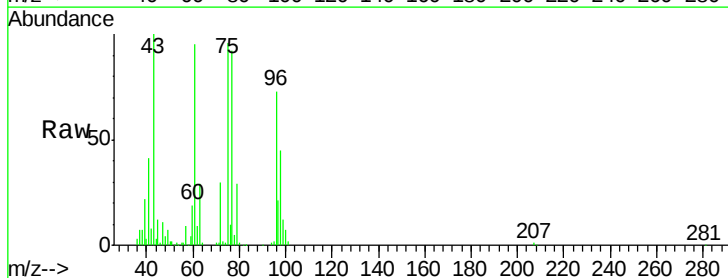
Manual Integrations
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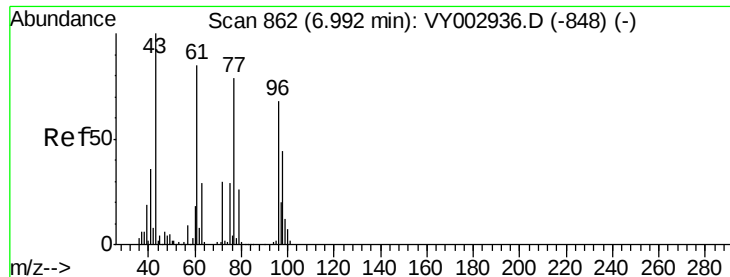
MMDadoda
6/23/2020 8:13:12 PM



#26
2,2-Dichloropropane
Concen: 19.859 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
77	100		
97	24.0	12.3	36.9





#27

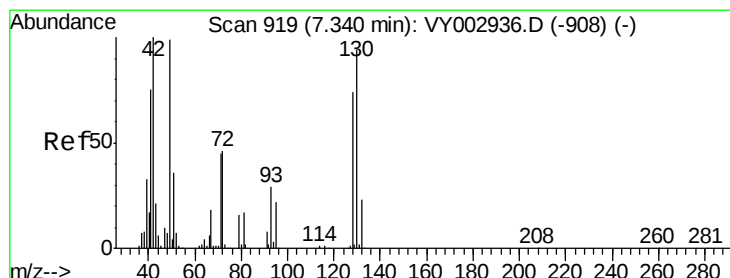
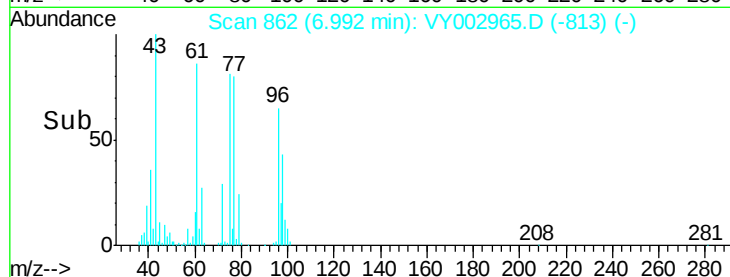
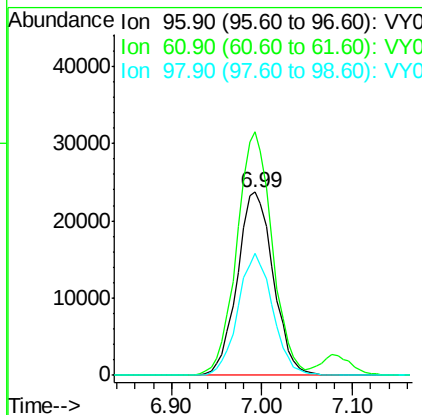
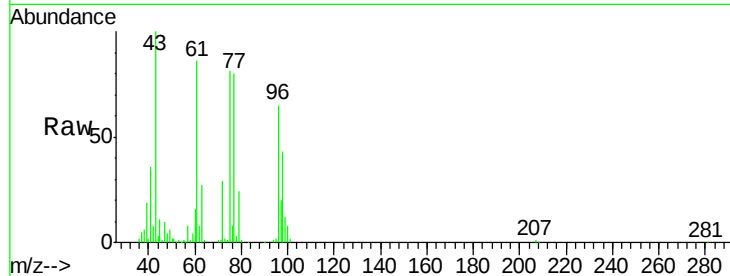
cis-1,2-Dichloroethene
Concen: 19.162 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	257.0
98	63.9	0.0	129.8

Manual Integrations
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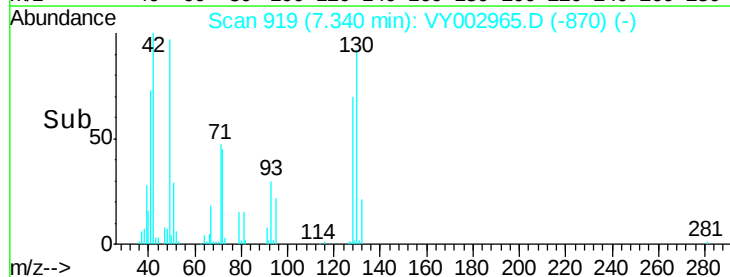
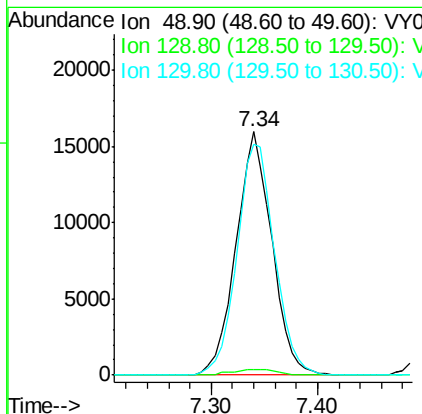
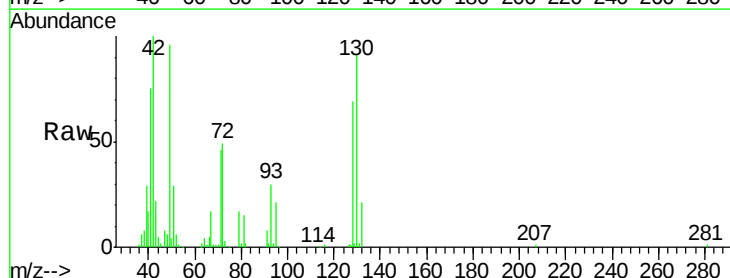
MMDadoda
6/23/2020 8:13:12 PM

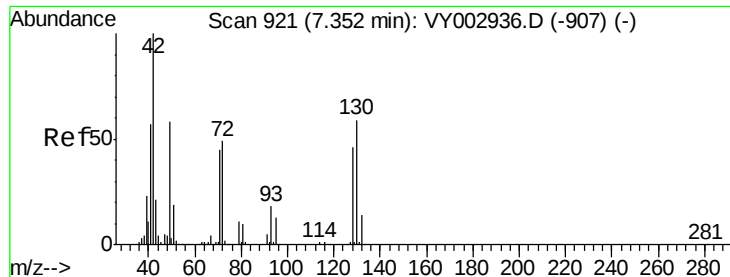


#28

Bromochloromethane
Concen: 18.794 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	99.7	78.4	117.6





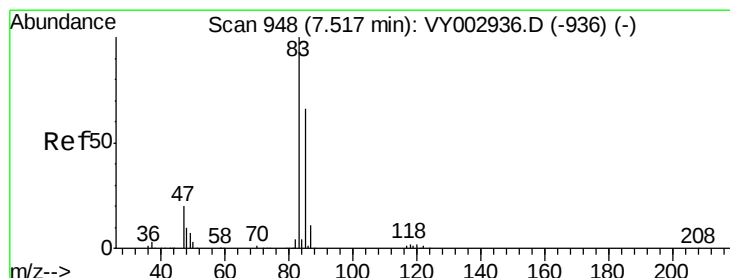
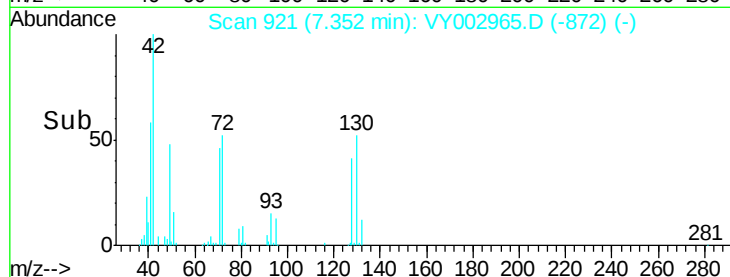
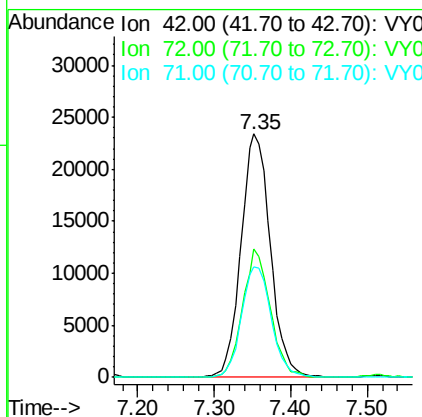
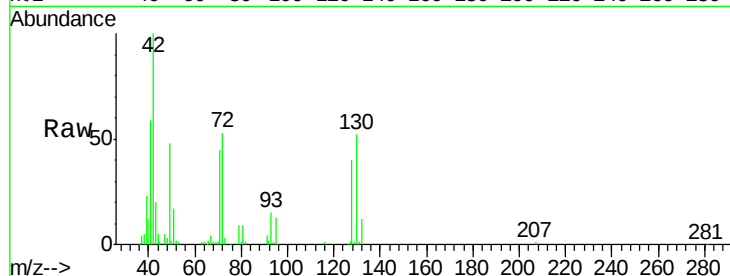
#29
Tetrahydrofuran
Concen: 95.708 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.7	39.1	58.7
71	46.1	36.4	54.6

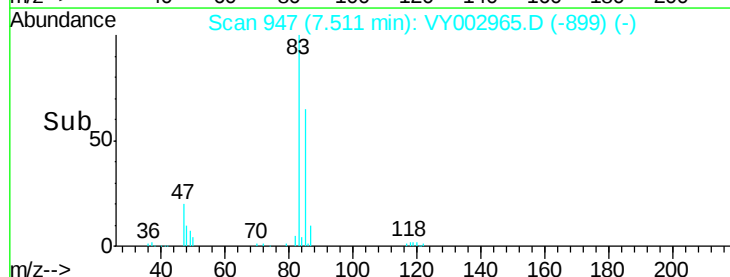
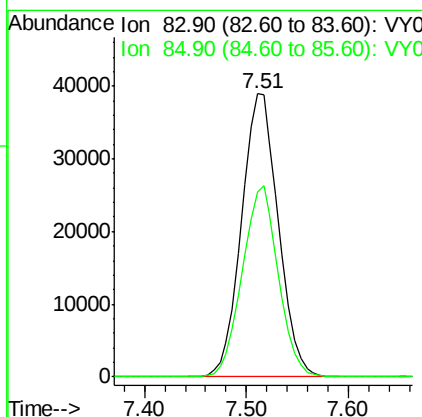
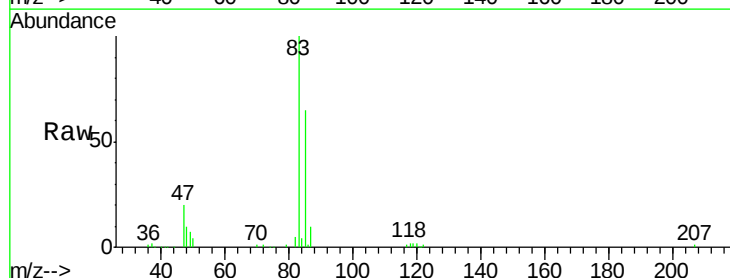
Manual Integrations
APPROVED

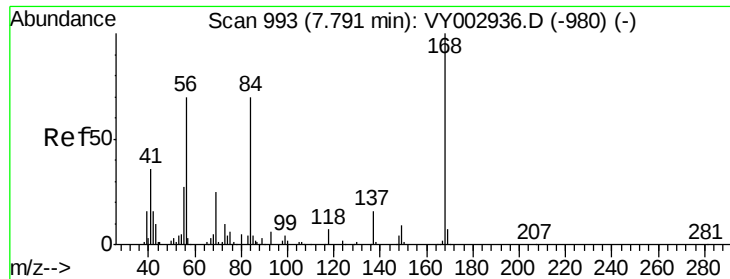
MMDadoda
6/23/2020 8:13:12 PM



#30
Chloroform
Concen: 19.457 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	53.1	79.7





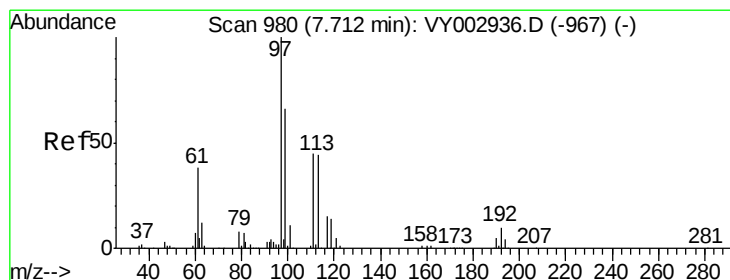
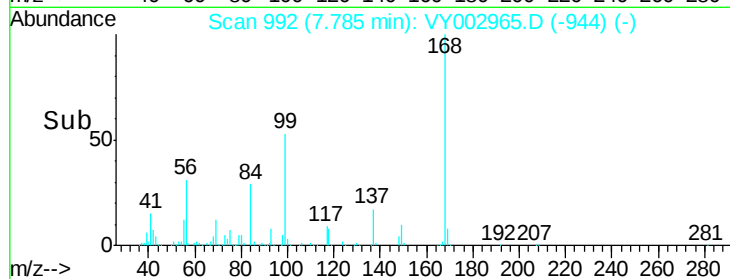
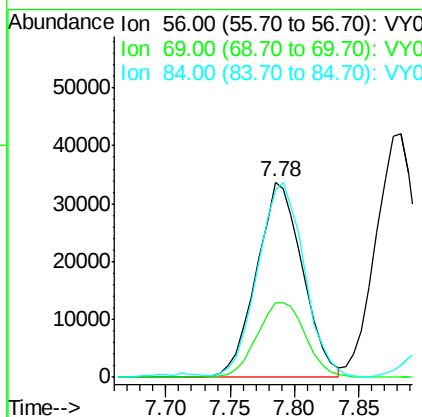
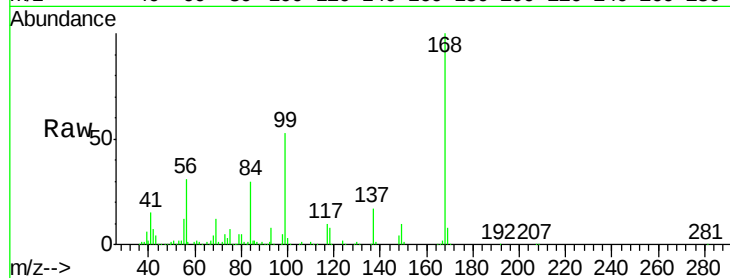
#31
Cyclohexane
Concen: 17.890 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.1	28.9	43.3
84	94.3	80.1	120.1

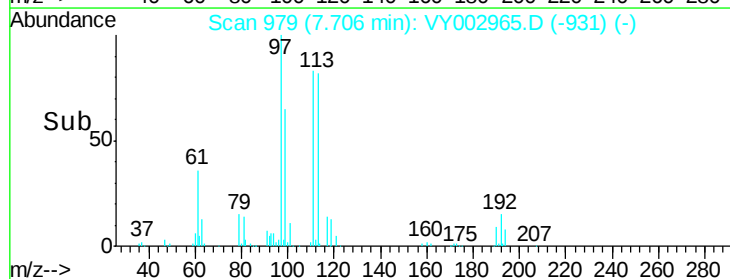
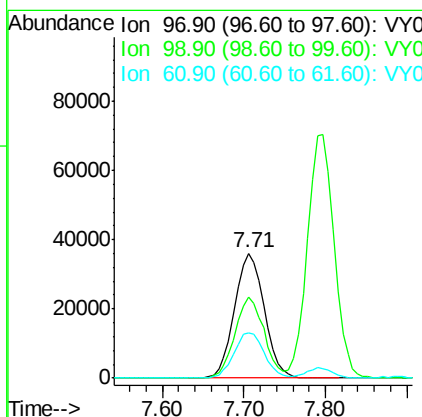
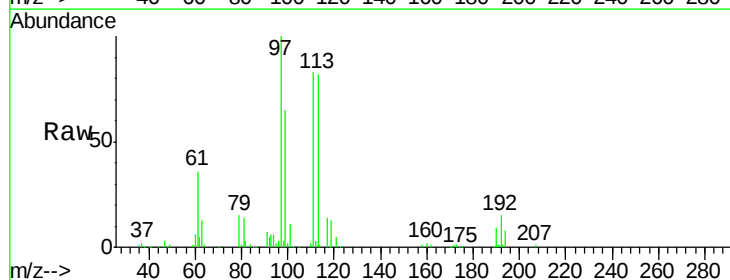
Manual Integrations
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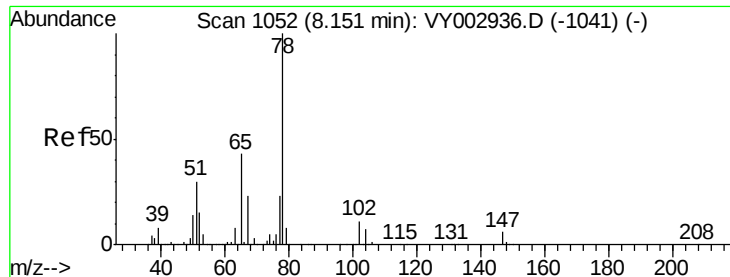
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#32
1,1,1-Trichloroethane
Concen: 19.678 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.2	78.2
61	36.8	30.3	45.5





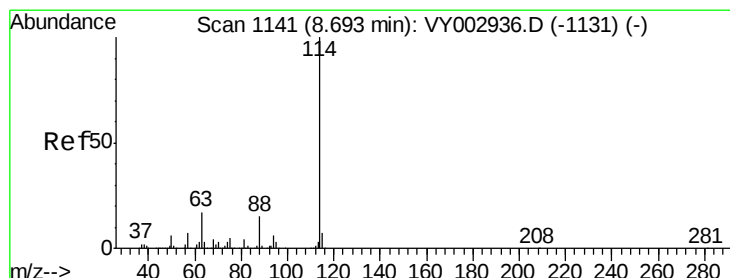
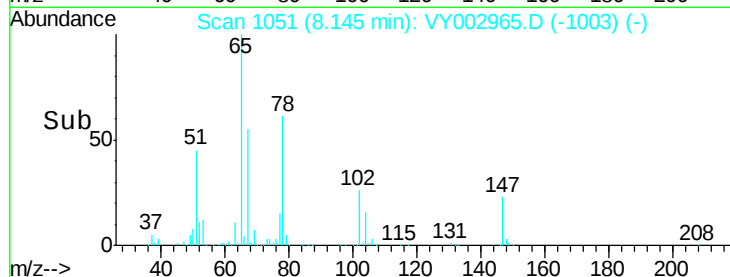
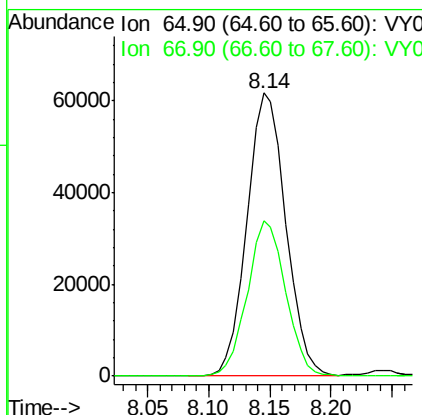
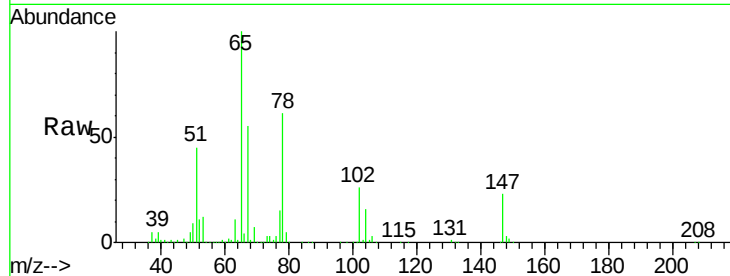
#33
 1,2-Dichloroethane-d4
 Concen: 50.092 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	136218		
67	54.3	0.0	109.4	

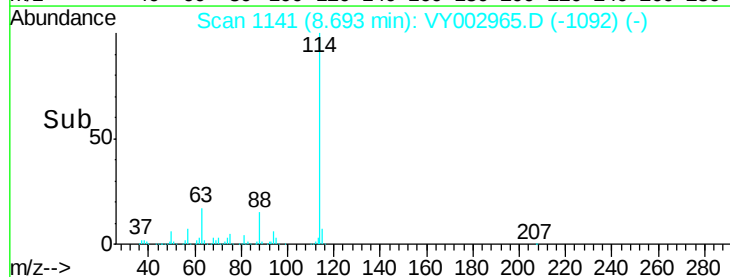
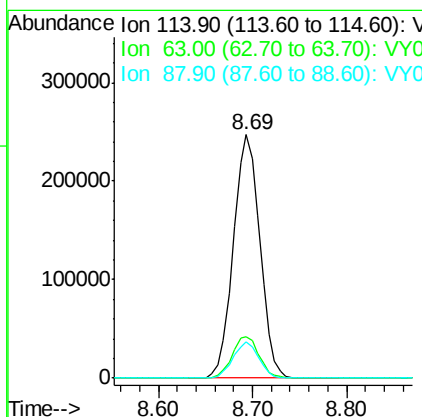
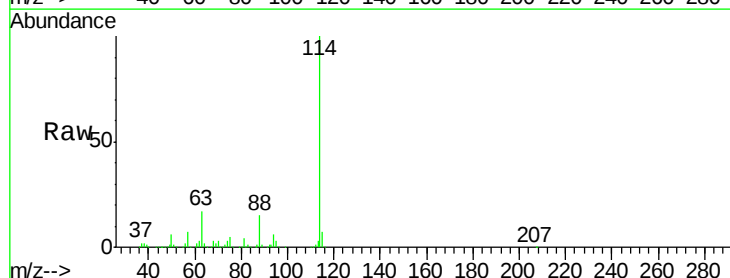
Manual Integrations
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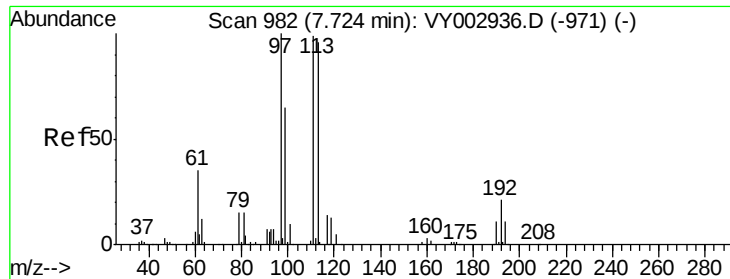
MMDadoda
 6/23/2020 8:13:12 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	482386		
63	16.9	0.0	34.6	
88	14.7	0.0	29.2	





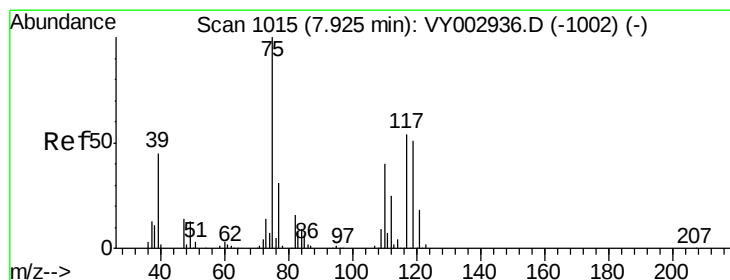
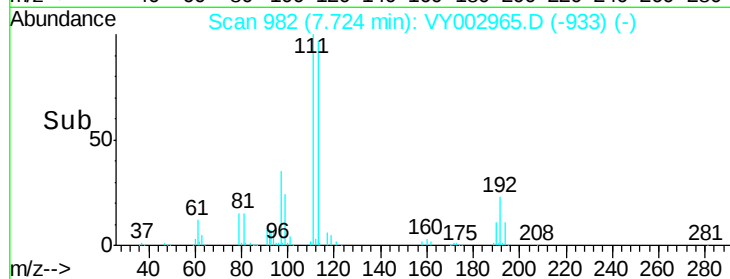
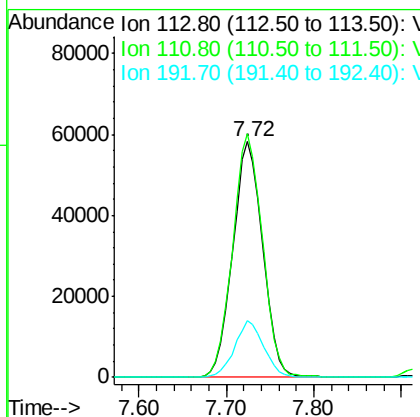
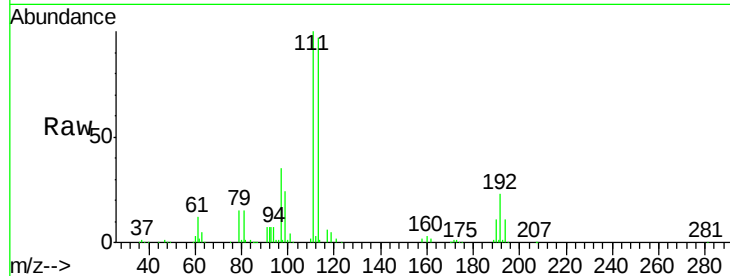
#35
 Dibromofluoromethane
 Concen: 50.682 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.3	81.5	122.3	
192	23.2	19.2	28.8	

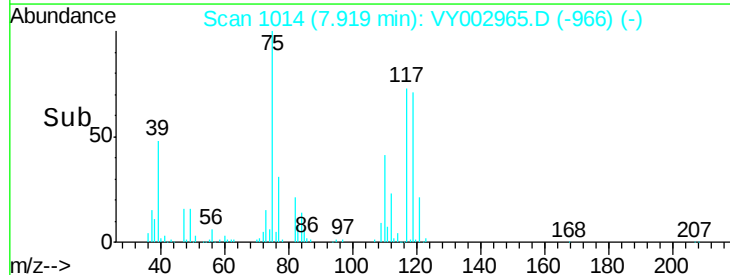
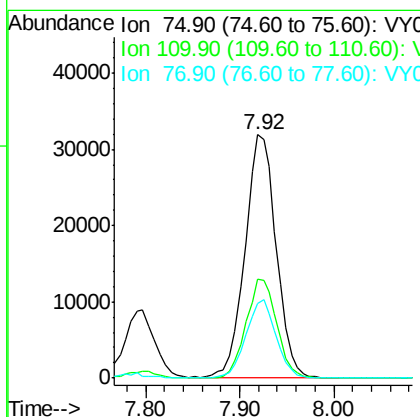
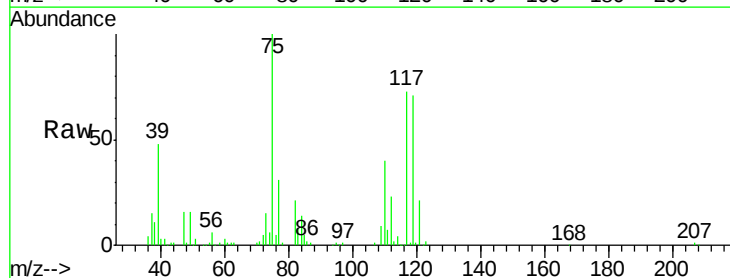
Manual Integrations
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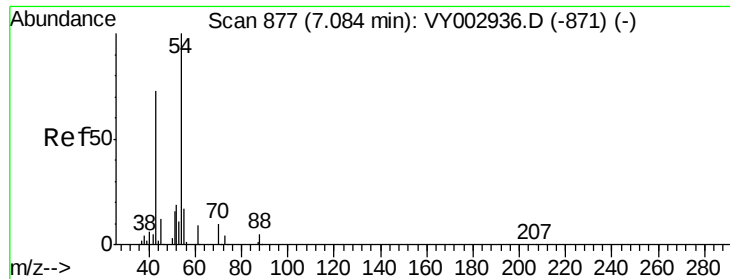
MMDadoda
 6/23/2020 8:13:12 PM



#36
 1,1-Dichloropropene
 Concen: 18.987 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	39.8	19.7	59.0	
77	31.1	25.0	37.4	





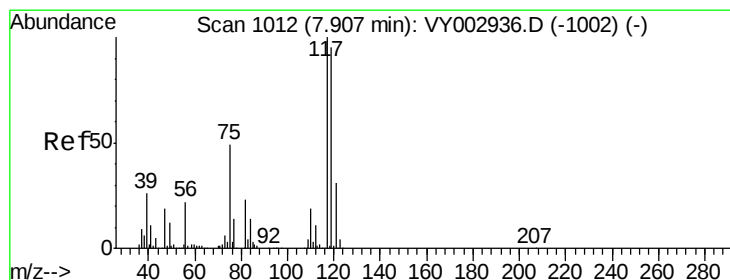
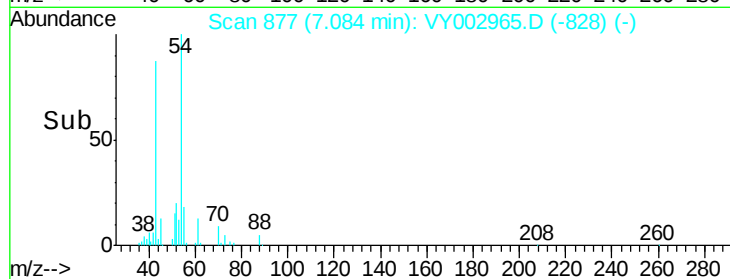
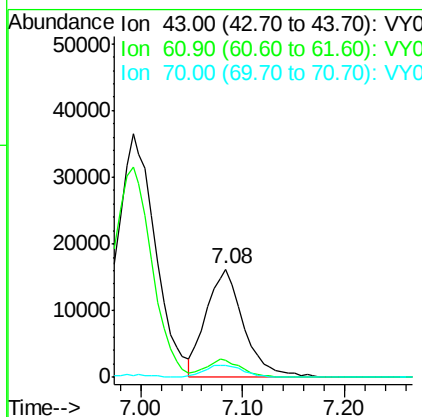
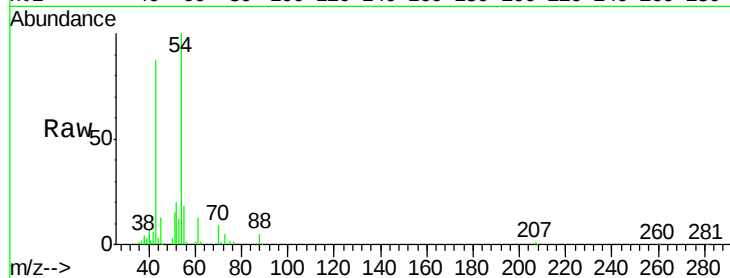
#37
Ethyl Acetate
Concen: 19.248 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.3	18.5
70	11.7	9.7	14.5

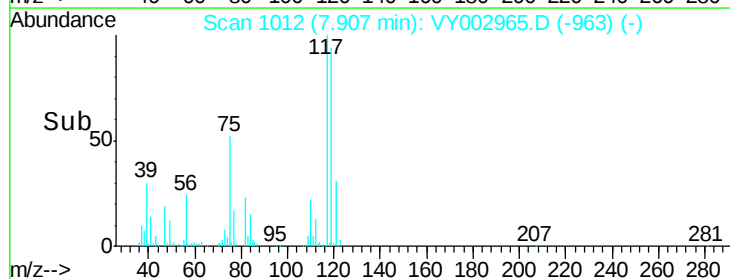
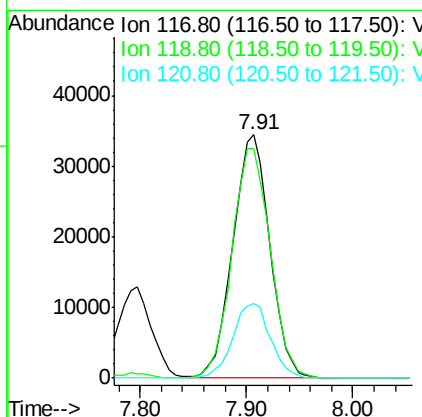
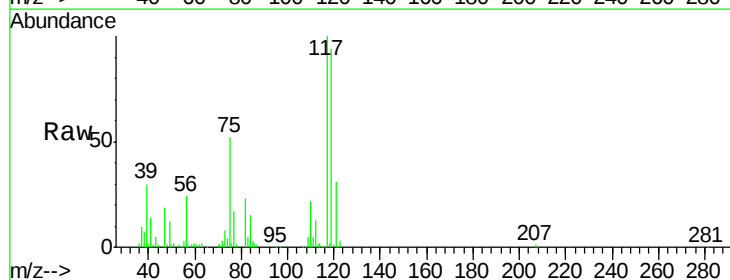
Manual Integrations
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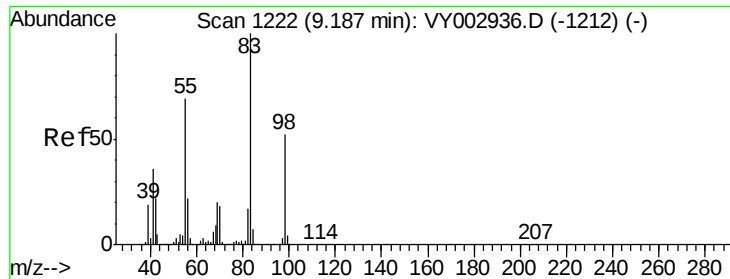
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.493 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.1	114.1
121	30.7	24.8	37.2





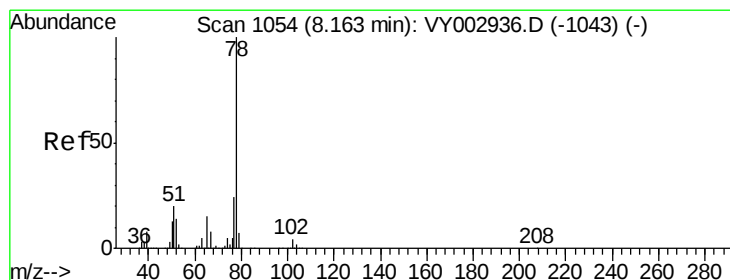
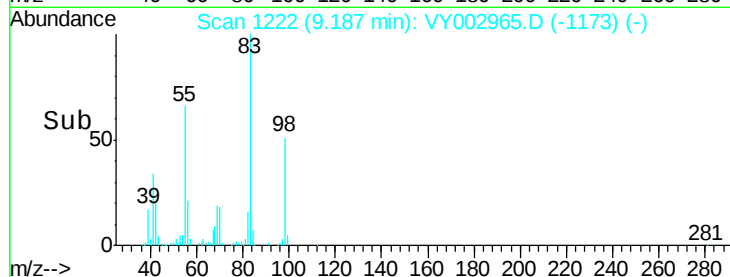
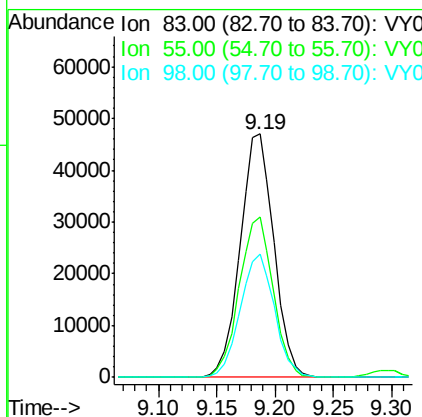
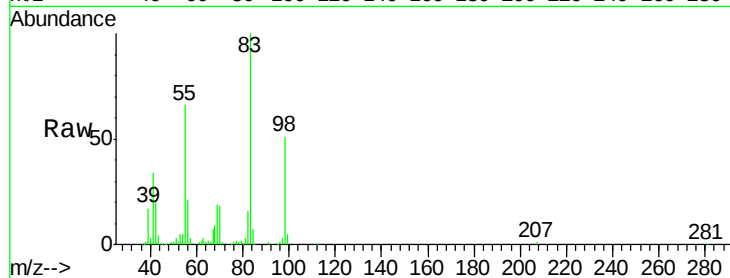
#39
Methvlcvclohexane
Concen: 18.335 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	83	Resp	94688
Ion Ratio	Lower	Upper	
83	100		
55	65.8	55.0	82.4
98	50.6	41.4	62.2

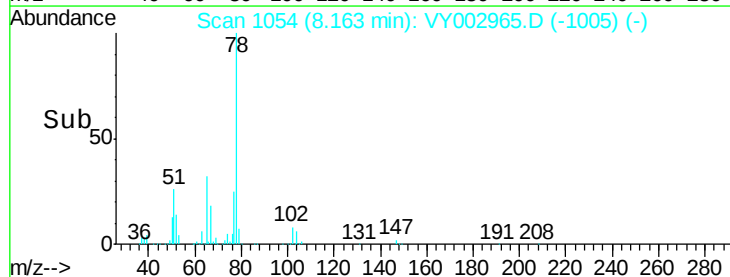
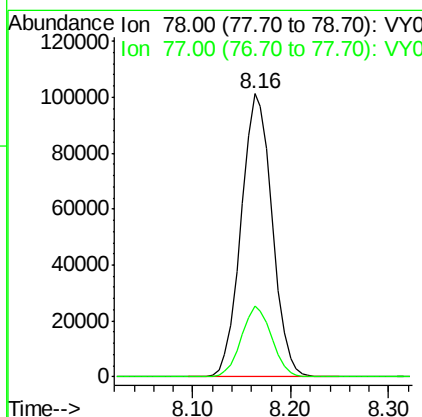
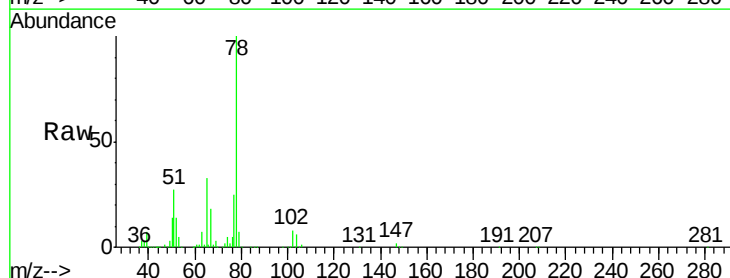
Manual Integrations
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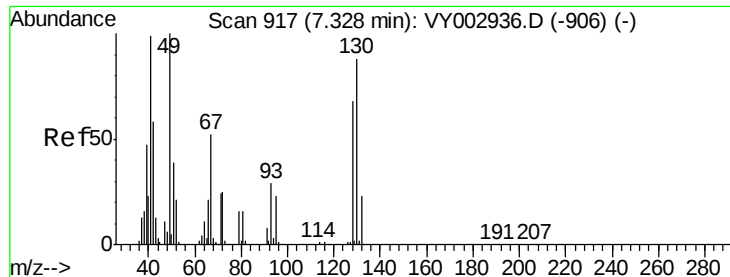
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6/23/2020 8:13:12 PM



#40
Benzene
Concen: 19.041 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion	78	Resp	222079
Ion Ratio	Lower	Upper	
78	100		
77	25.2	19.3	28.9





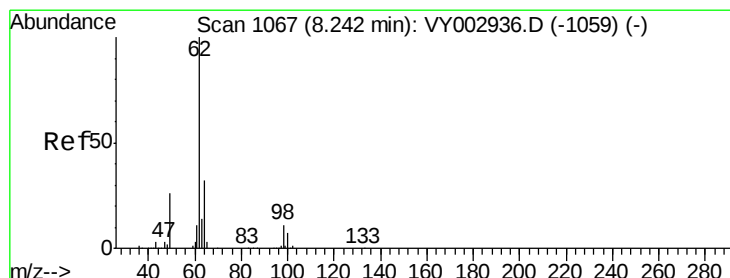
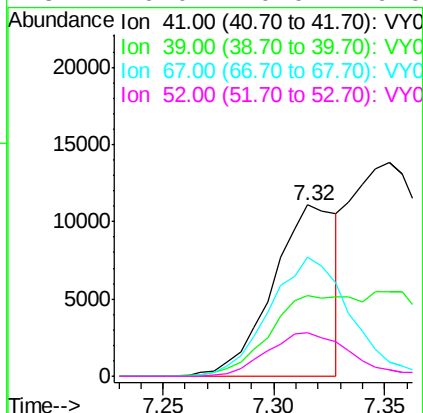
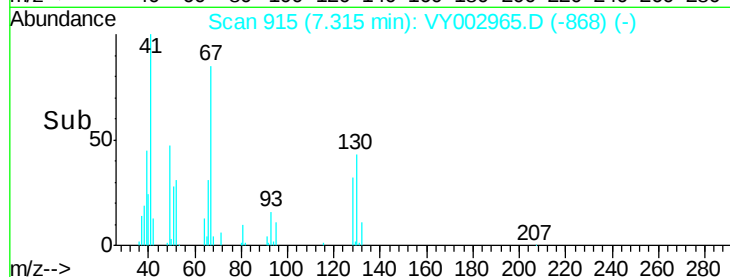
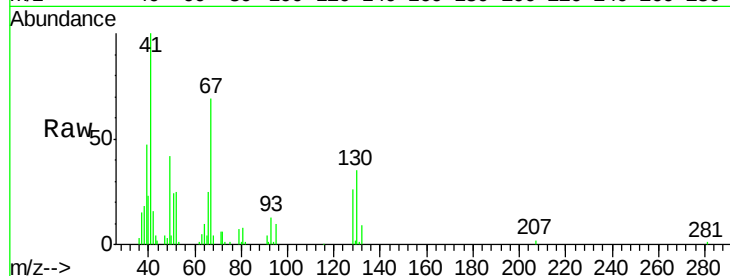
#41
Methacrylonitrile
Concen: 20.346 ug/l m
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	41	Resp	22158
Ion	Ratio	Lower	Upper
41	100		
39	0.0	96.6	144.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

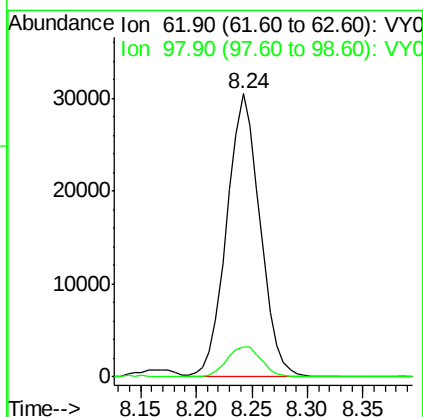
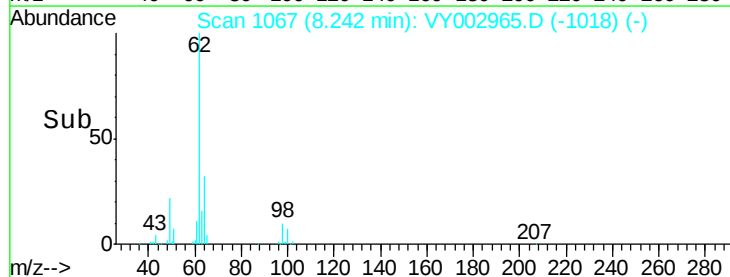
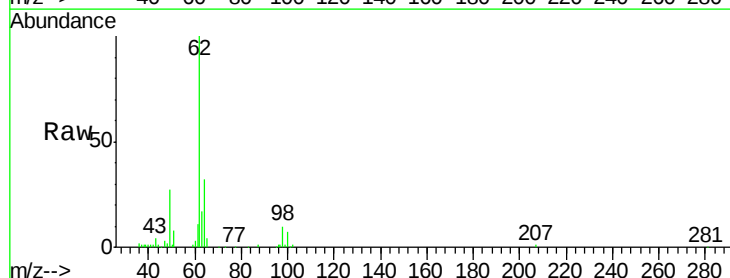
Manual Integrations
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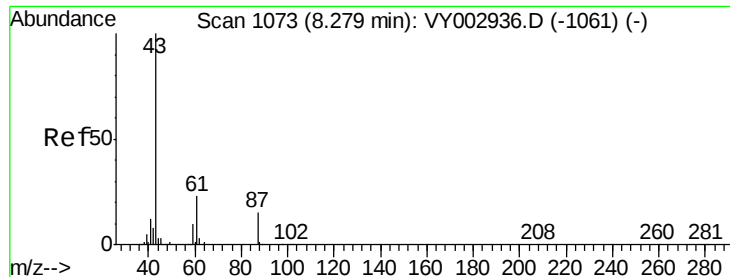
MMDadoda
6/23/2020 8:13:12 PM



#42
1,2-Dichloroethane
Concen: 19.576 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion	62	Resp	63371
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.6





#43

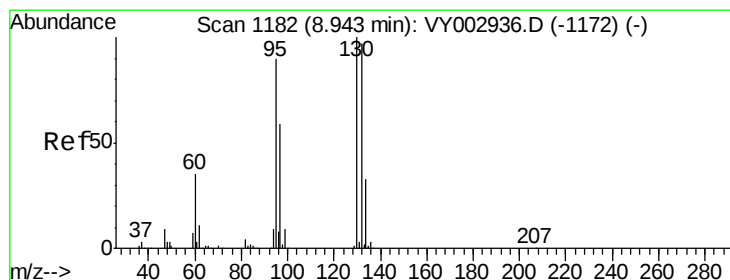
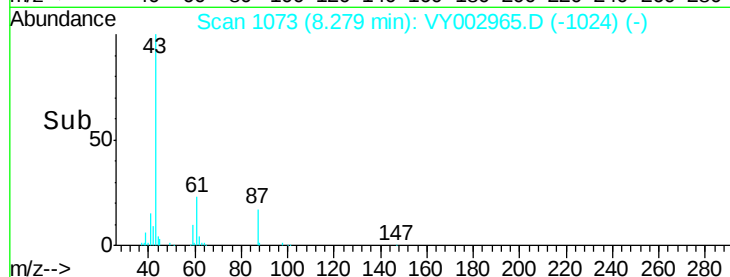
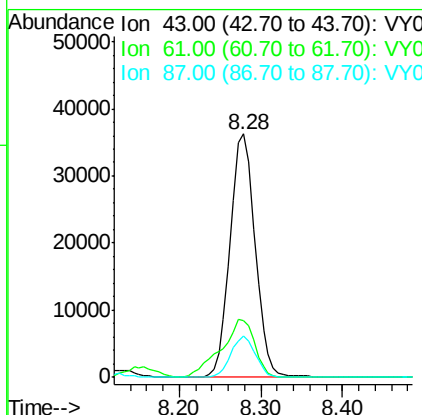
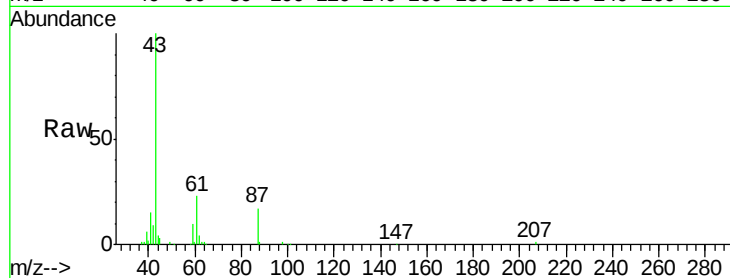
Isopropyl Acetate
 Concen: 19.028 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.8	25.0	37.4
87	16.5	12.6	18.8

Manual Integrations
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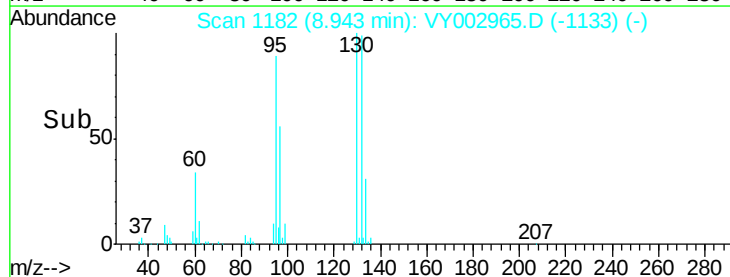
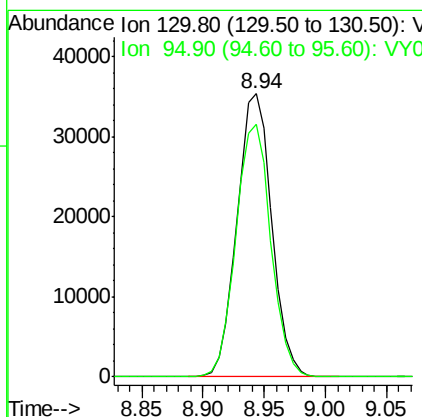
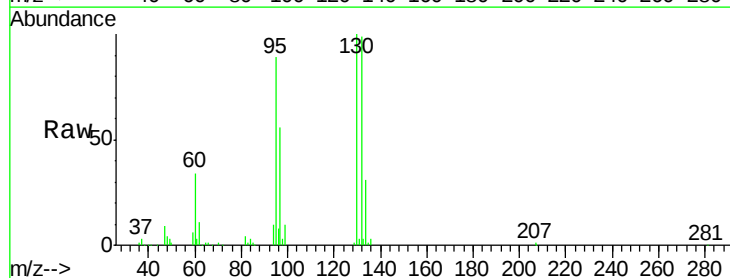
MMDadoda
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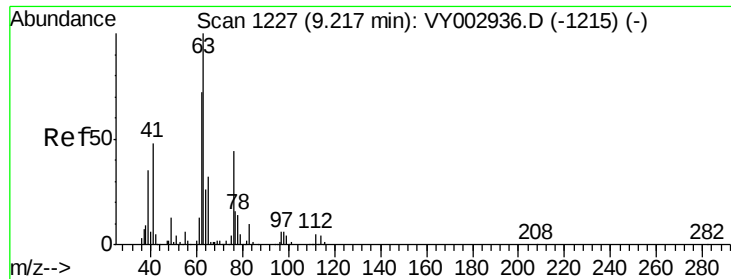


#44

Trichloroethene
 Concen: 19.254 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	179.6





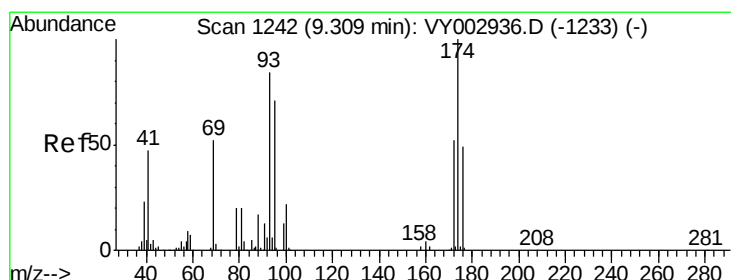
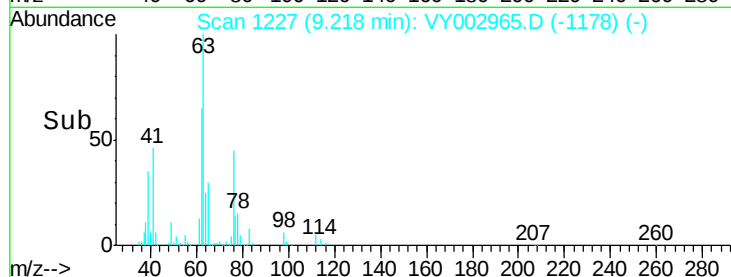
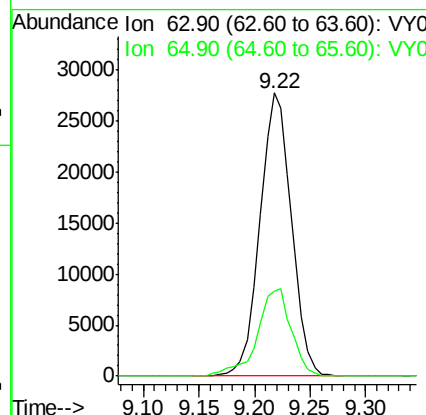
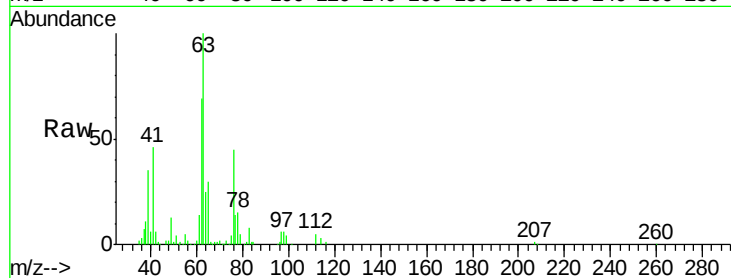
#45
 1,2-Dichloropropane
 Concen: 19.534 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	25.5	38.3

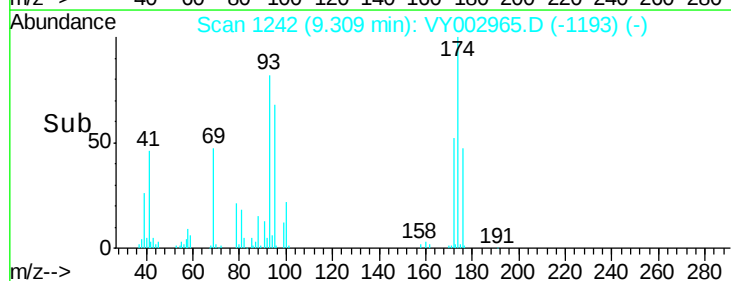
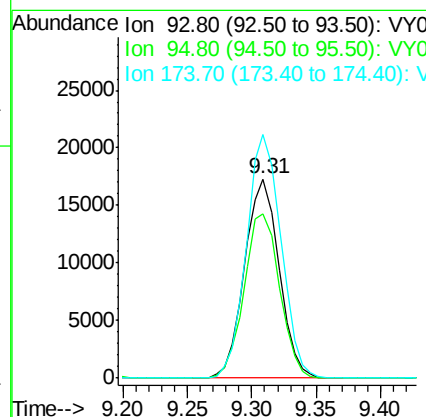
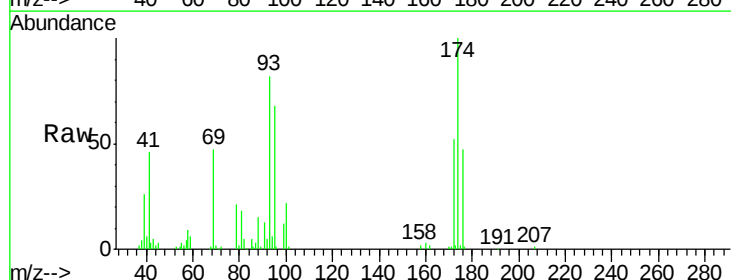
Manual Integrations
 APPROVED

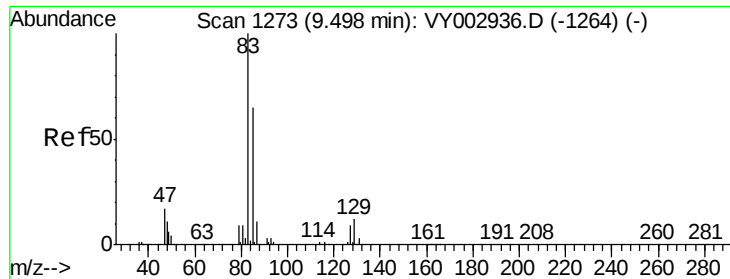
MMDadoda
 6/23/2020 8:13:12 PM



#46
 Dibromomethane
 Concen: 19.152 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.7	66.4	99.6
174	122.5	95.1	142.7





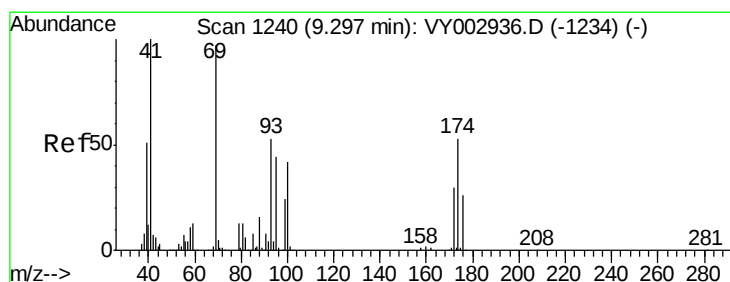
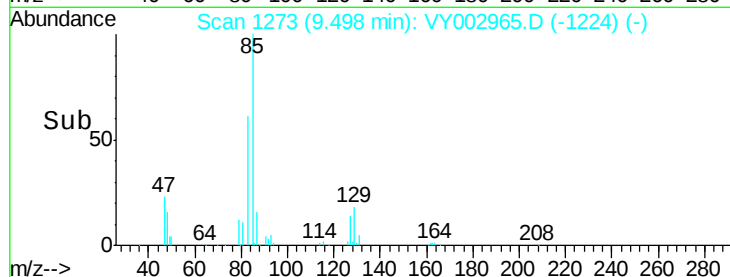
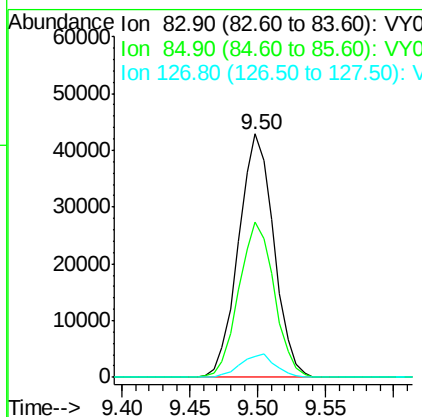
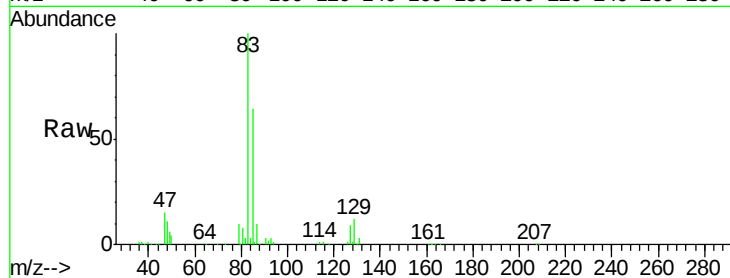
#47
Bromodichloromethane
Concen: 19.896 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.9	77.9
127	8.8	7.4	11.0

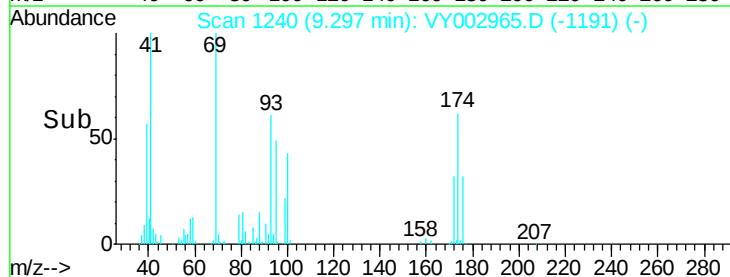
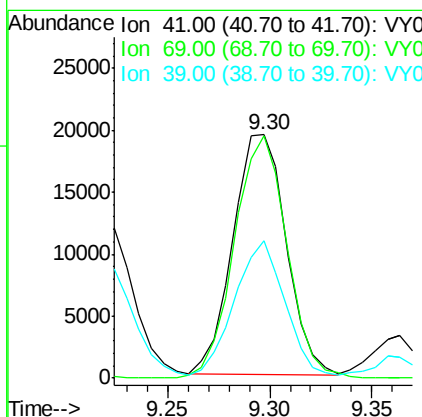
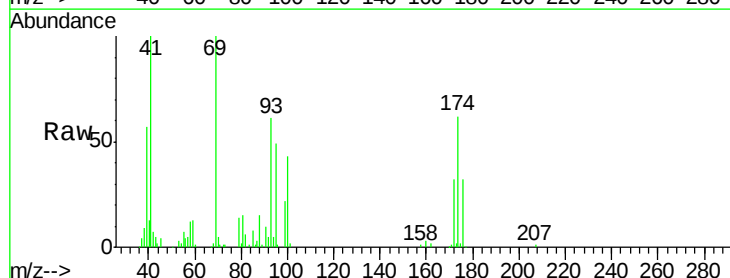
Manual Integrations
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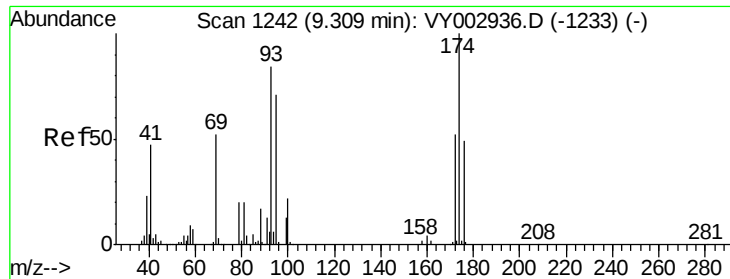
MMDadoda
6/23/2020 8:13:12 PM



#48
Methyl methacrylate
Concen: 19.415 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
41	100		
69	98.9	79.4	119.0
39	54.7	41.1	61.7





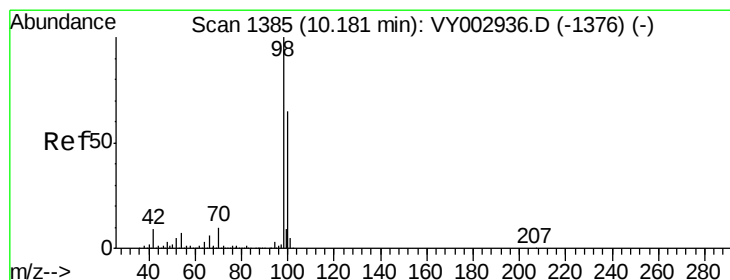
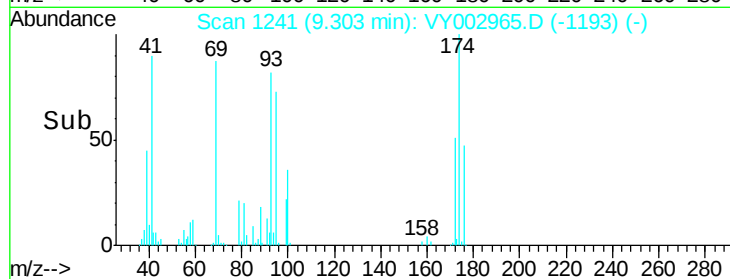
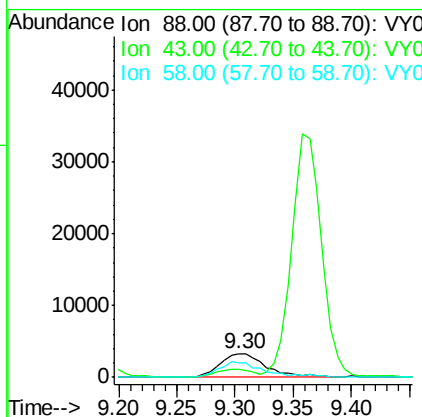
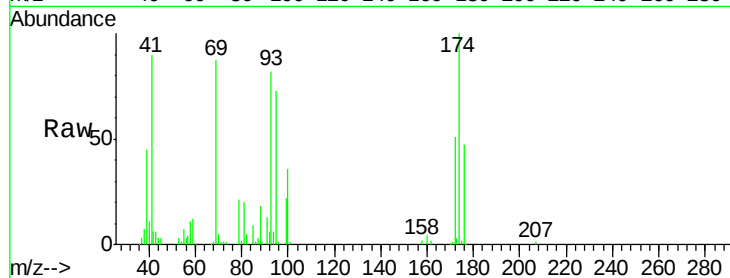
#49
1,4-Dioxane
Concen: 368.498 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	88	Resp	9045
Ion Ratio	100	Lower	Upper
88	100		
43	27.8	21.0	31.6
58	66.8	51.5	77.3

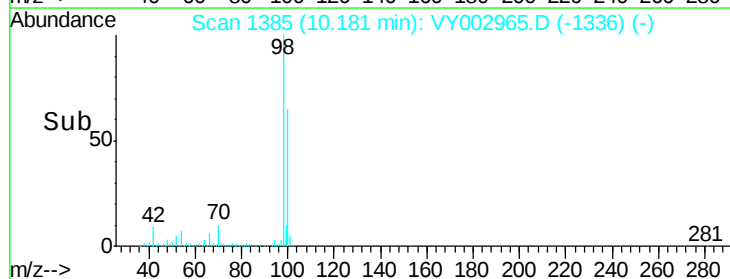
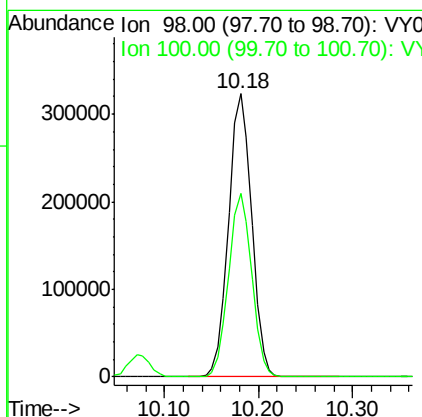
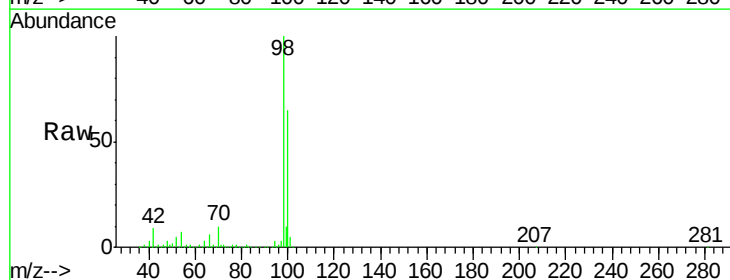
Manual Integrations
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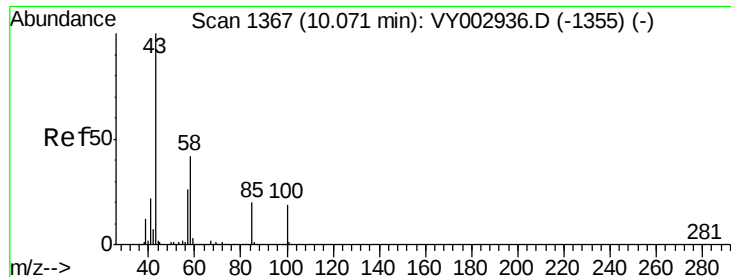
MMDadoda
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#50
Toluene-d8
Concen: 51.237 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion	98	Resp	551412
Ion Ratio	100	Lower	Upper
98	100		
100	64.9	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 97.683 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 43 Resp: 209690

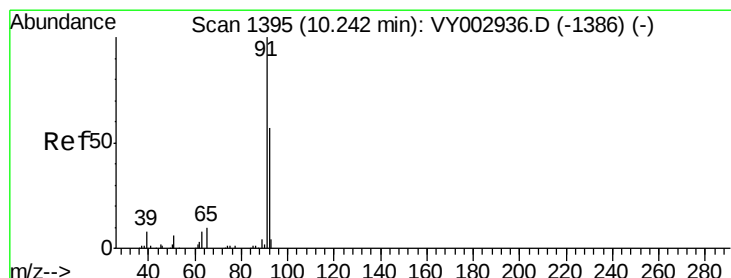
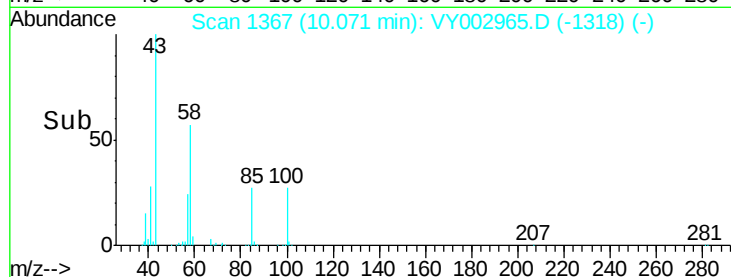
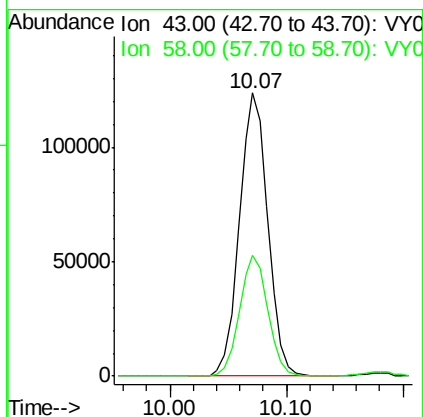
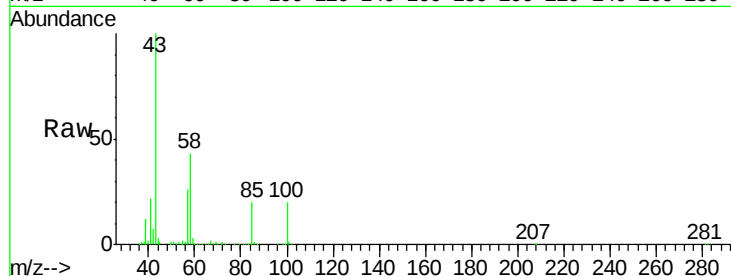
Ion Ratio Lower Upper

43 100

58 42.5 33.9 50.9

Manual Integrations
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#52

Toluene

Concen: 19.331 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002965.D

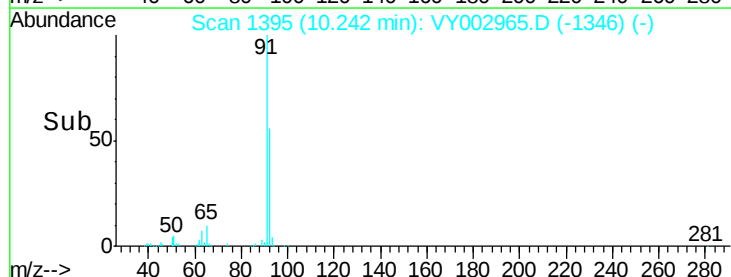
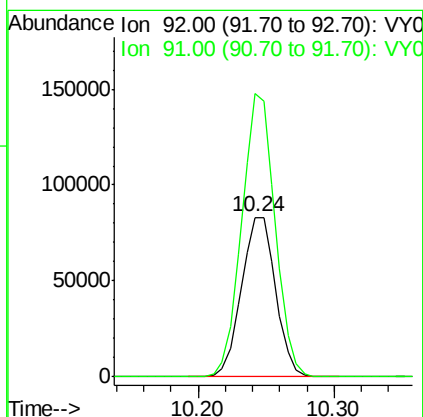
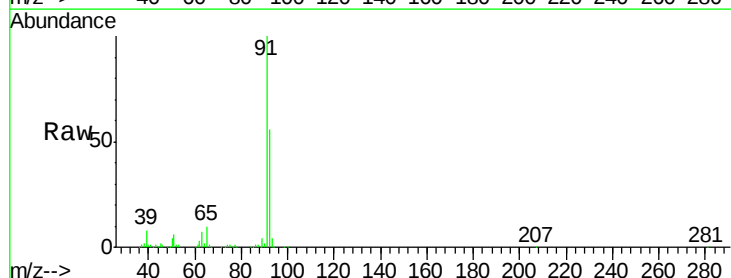
Acq: 22 Jun 2020 11:48

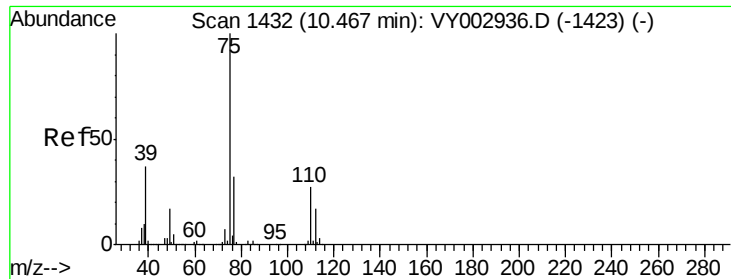
Tgt Ion: 92 Resp: 145919

Ion Ratio Lower Upper

92 100

91 173.1 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 19.503 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 75 Resp: 82879

Ion Ratio Lower Upper

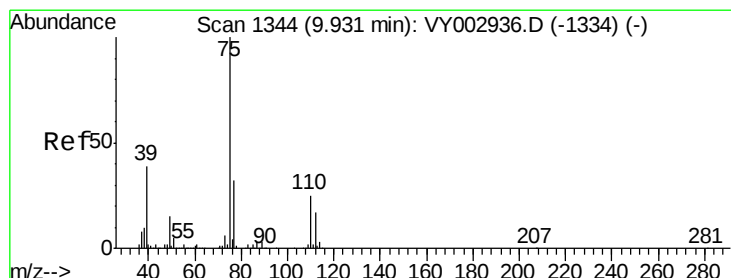
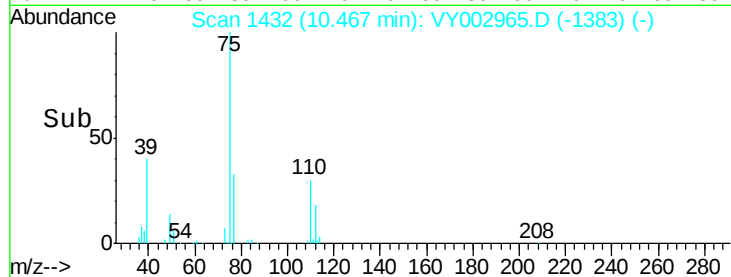
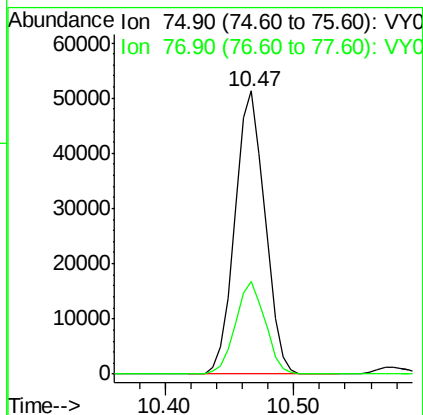
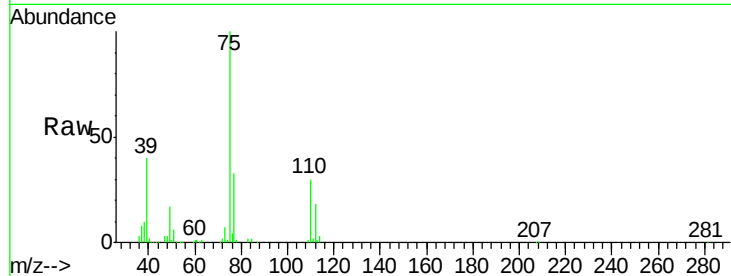
75 100

77 32.9 25.3 37.9

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 19.825 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

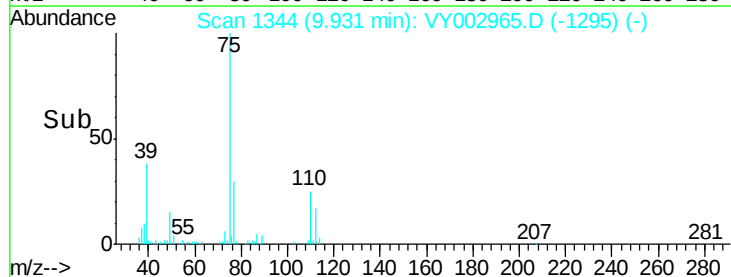
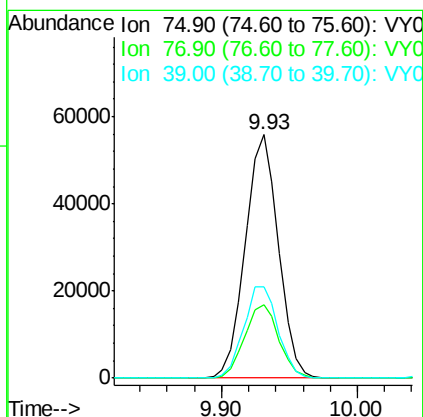
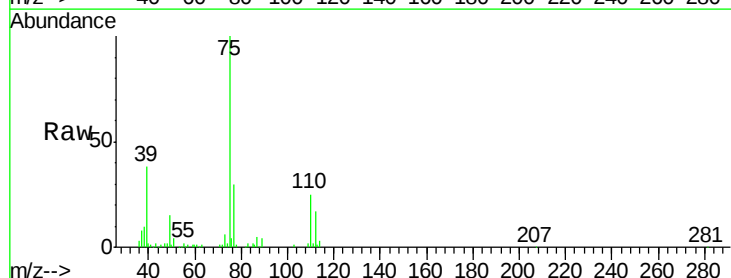
Tgt Ion: 75 Resp: 95360

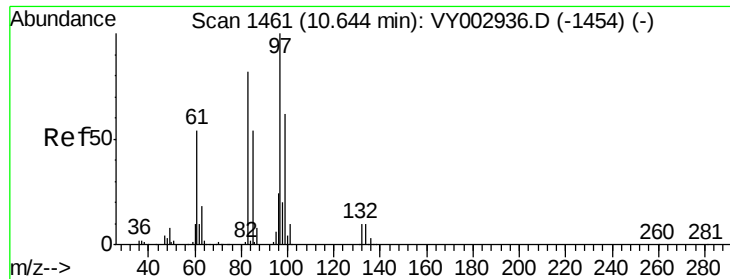
Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.2

39 37.7 31.4 47.0





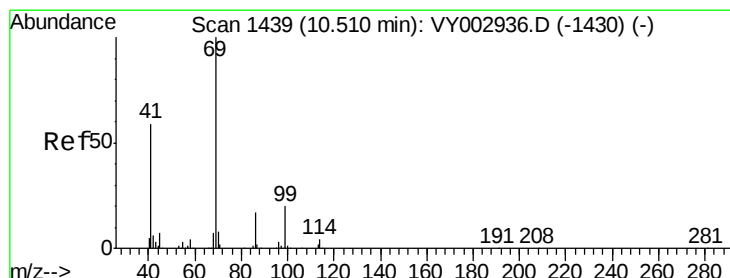
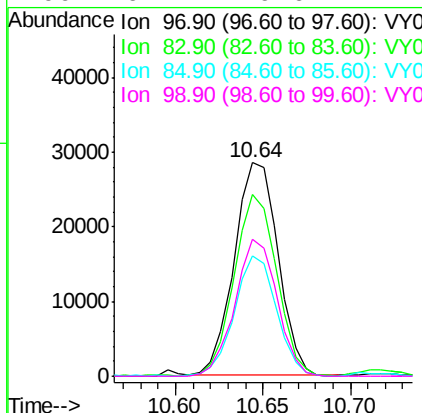
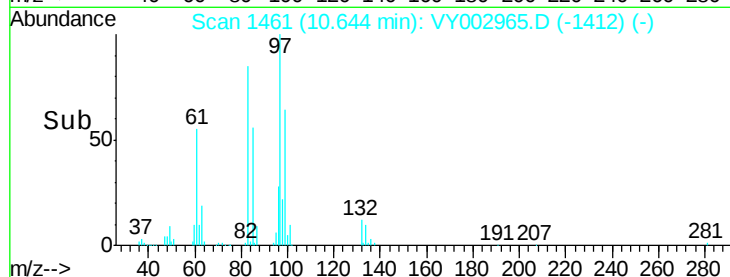
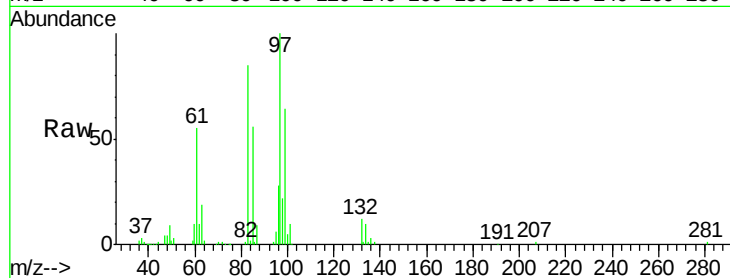
#55
 1,1,2-Trichloroethane
 Concen: 19.912 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion:	97	Resp:	49731
Ion	Ratio	Lower	Upper
97	100		
83	85.0	65.9	98.9
85	56.3	43.1	64.7
99	64.1	49.6	74.4

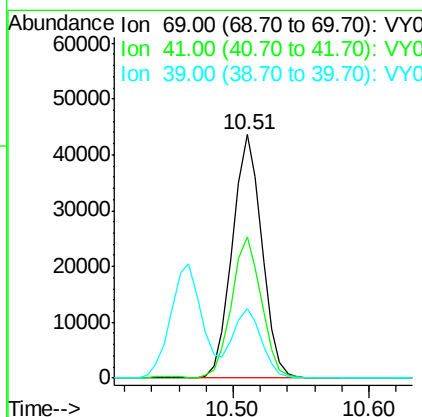
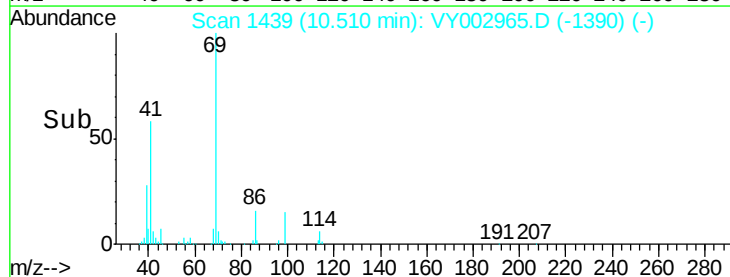
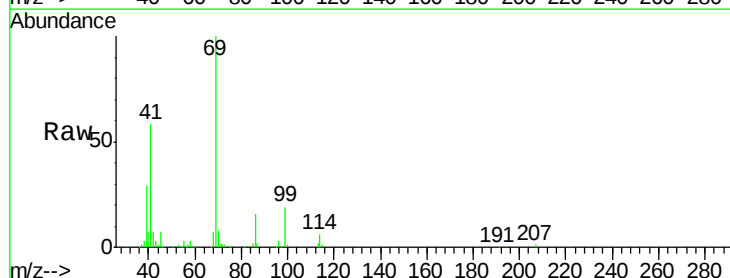
Manual Integrations
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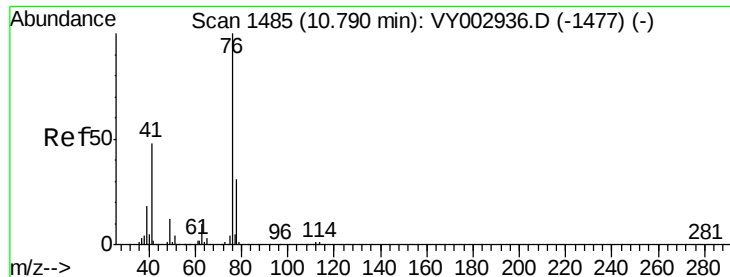
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#56
 Ethyl methacrylate
 Concen: 19.632 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Tgt Ion:	69	Resp:	66096
Ion	Ratio	Lower	Upper
69	100		
41	58.2	46.4	69.6
39	27.3	21.4	32.0





#57

1,3-Dichloropropane

Concen: 19.501 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 76 Resp: 81217

Ion Ratio Lower Upper

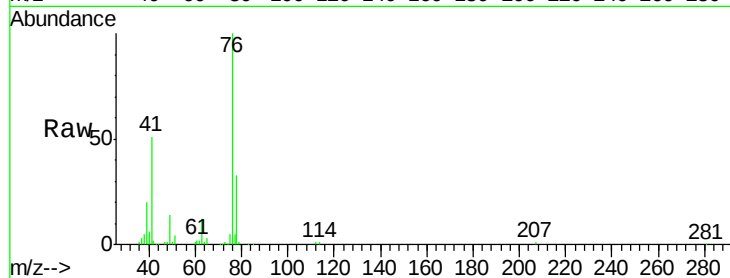
76 100

78 32.7 25.4 38.2

Manual Integrations
APPROVED

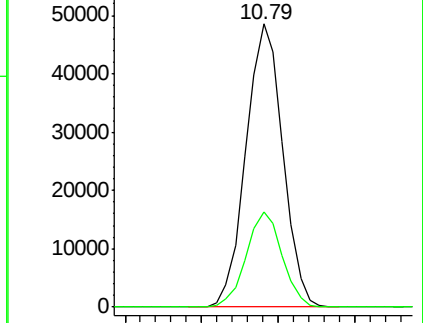
MMDadoda

6/23/2020 8:13:12 PM

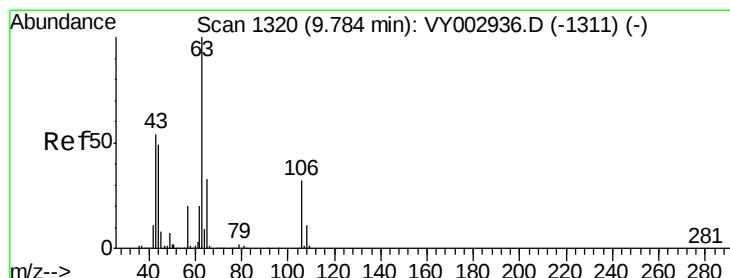
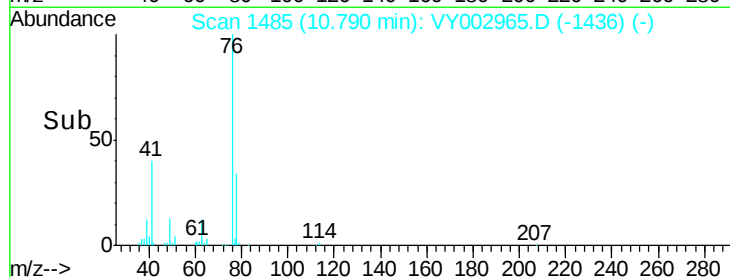


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 94.127 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002965.D

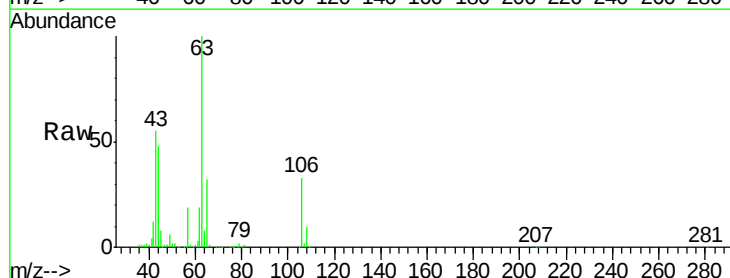
Acq: 22 Jun 2020 11:48

Tgt Ion: 63 Resp: 157835

Ion Ratio Lower Upper

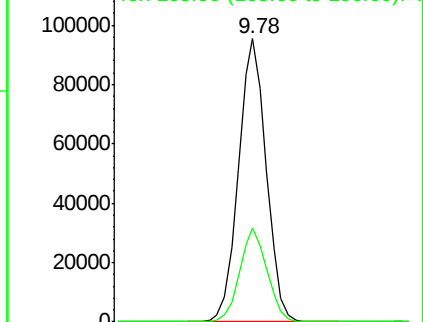
63 100

106 32.6 25.6 38.4

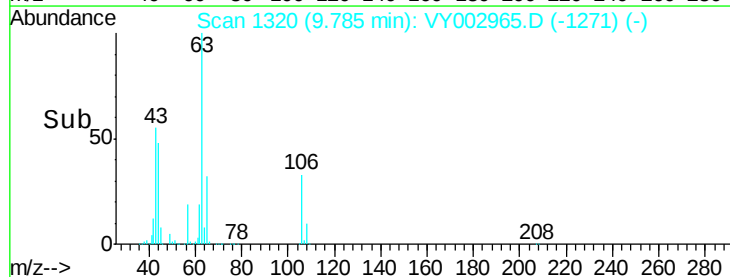


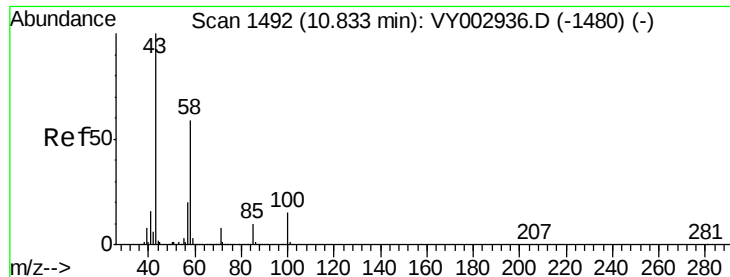
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->





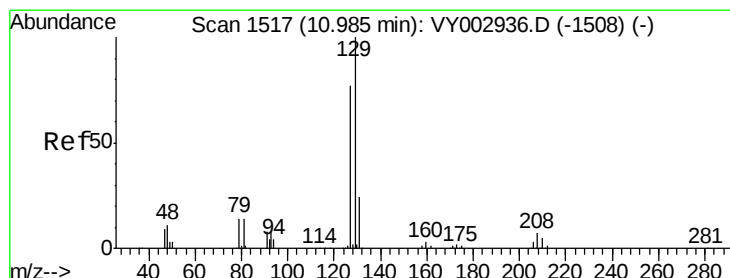
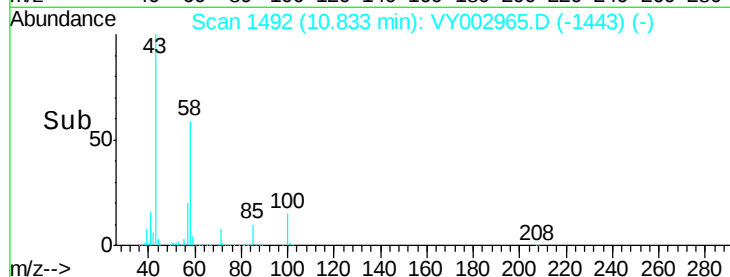
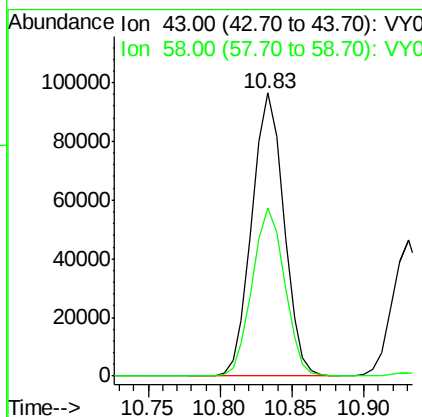
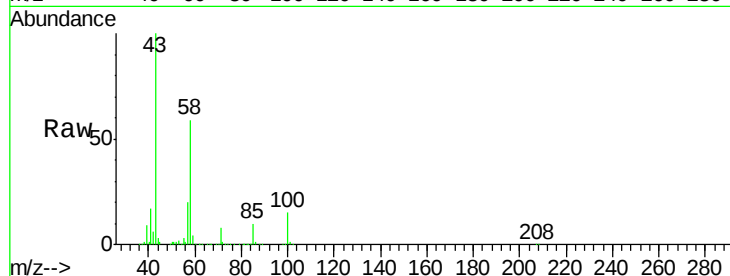
#59
2-Hexanone
Concen: 98.778 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion: 43 Resp: 149075
Ion Ratio Lower Upper
43 100
58 59.8 29.7 89.1

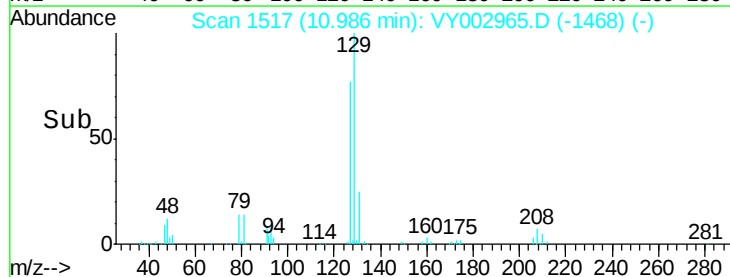
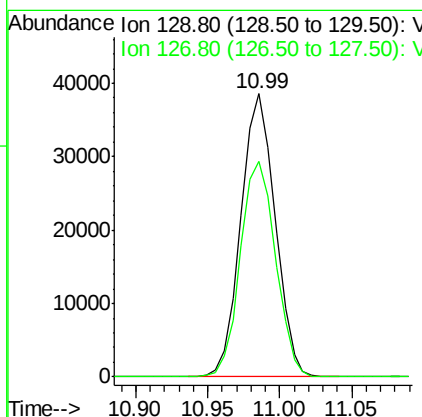
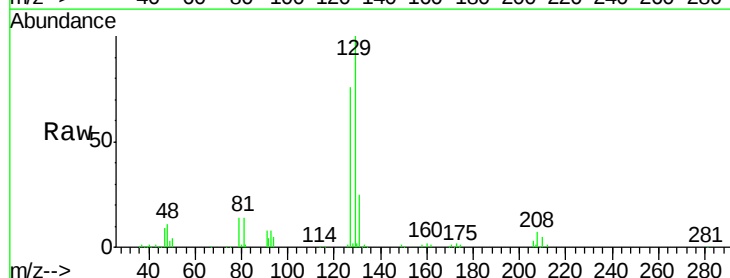
Manual Integrations
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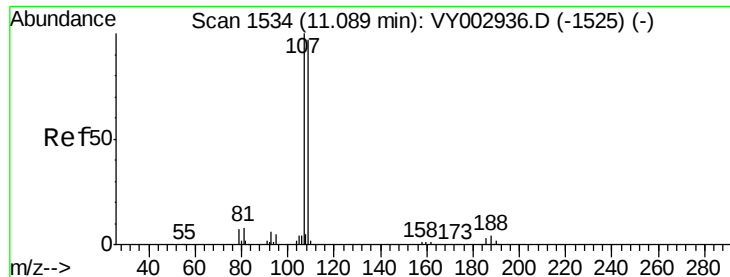
MMDadoda
6/23/2020 8:13:12 PM



#60
Dibromochloromethane
Concen: 20.033 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion: 129 Resp: 63808
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.6





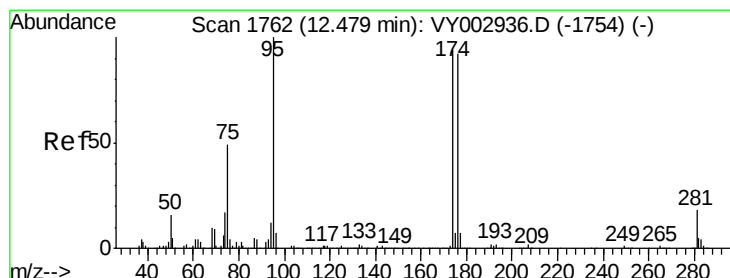
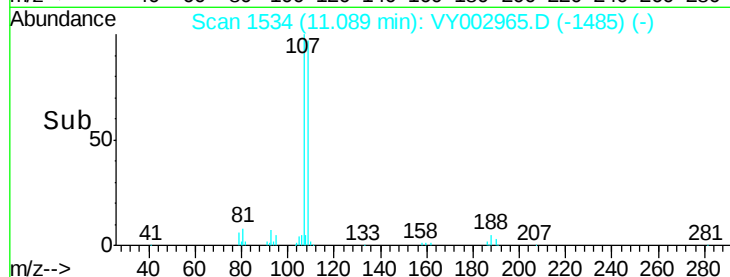
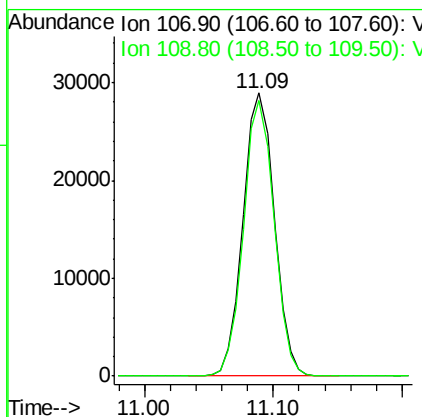
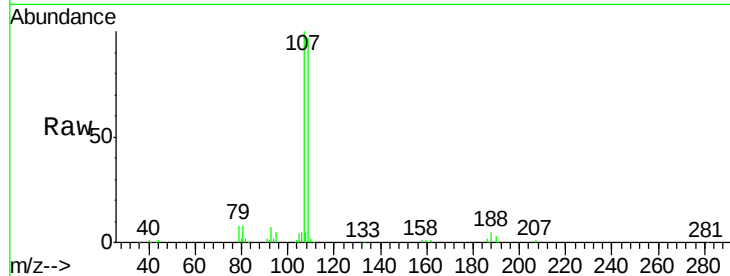
#61
 1,2-Dibromoethane
 Concen: 19.590 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.6	114.8

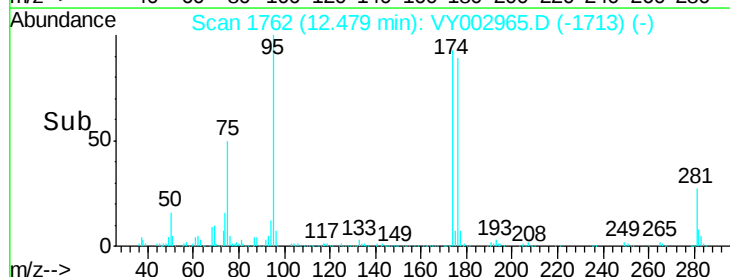
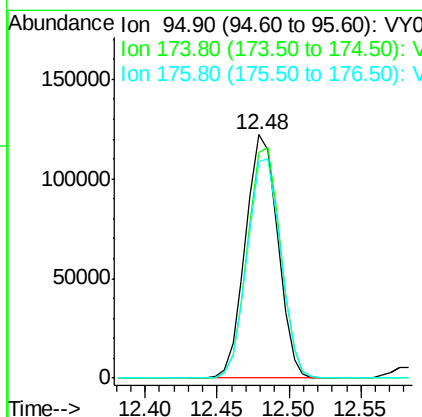
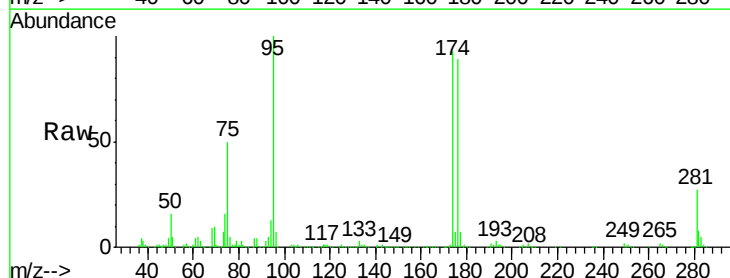
Manual Integrations
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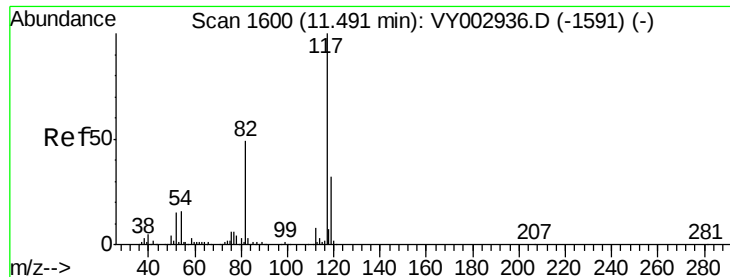
MMDadoda
 6/23/2020 8:13:12 PM



#62
 4-Bromofluorobenzene
 Concen: 50.930 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	191.2
176	93.2	0.0	186.0





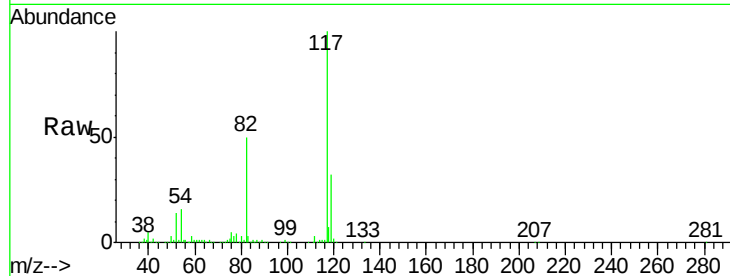
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	451888		
82	50.0		39.4	59.0
119	31.7		25.4	38.0

Manual Integrations
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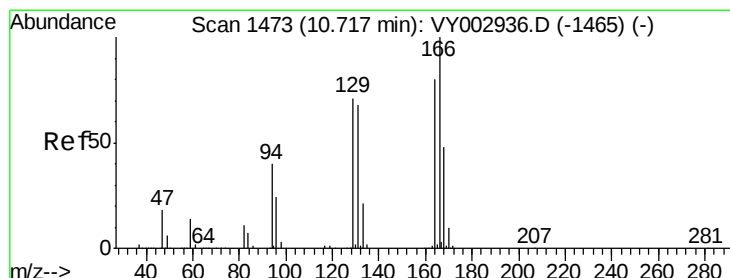
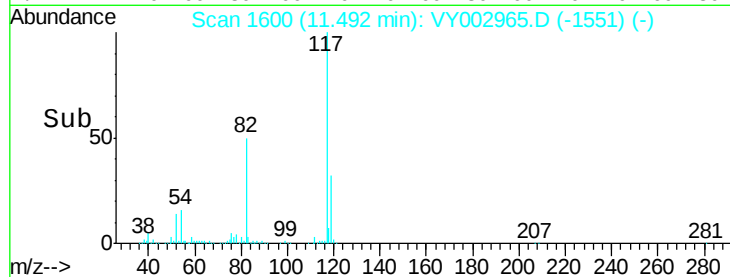
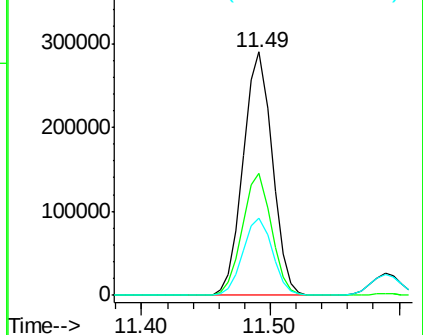


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.512 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	73473		
166	132.8		100.5	150.7
129	90.7		71.1	106.7
131	86.4		68.7	103.1

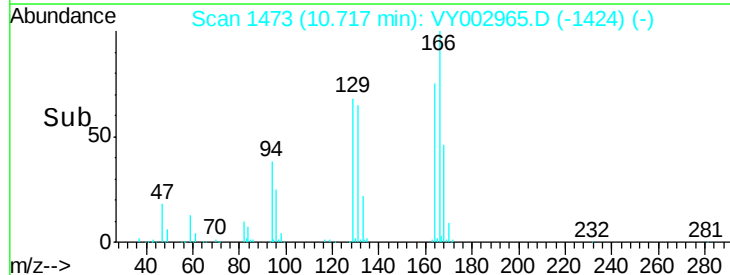
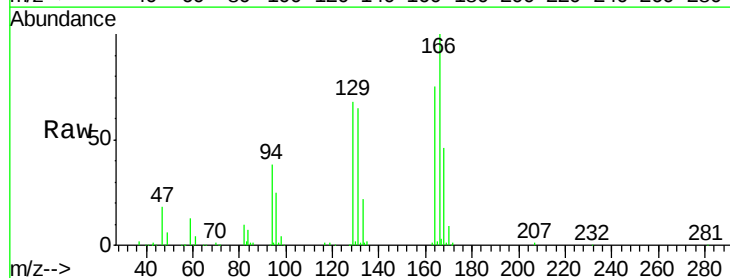
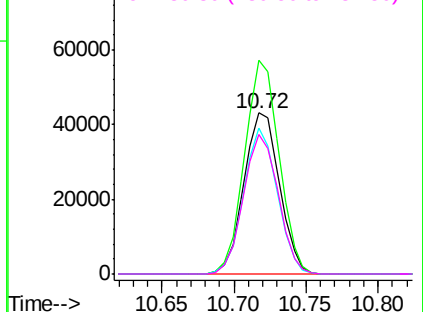
Abundance

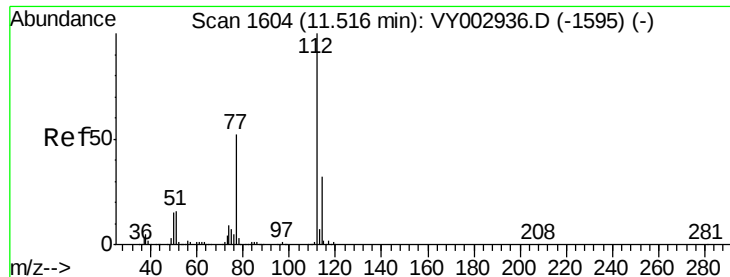
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.450 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion:112 Resp: 166369

Ion Ratio Lower Upper

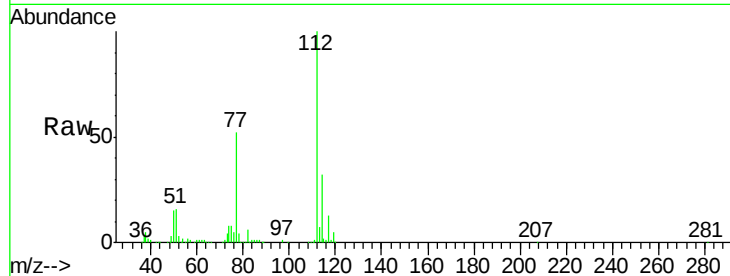
112 100

114 31.8 26.0 39.0

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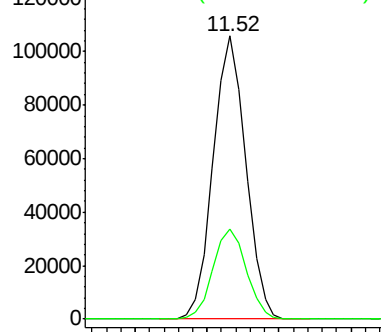
MMDadoda

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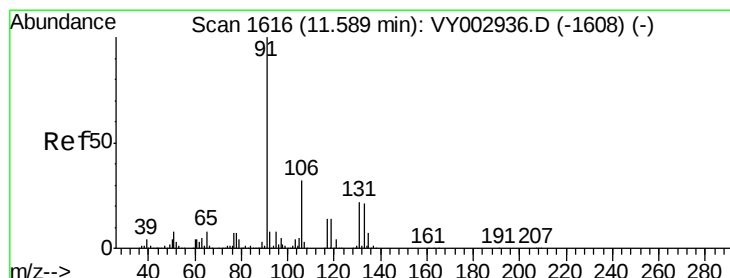
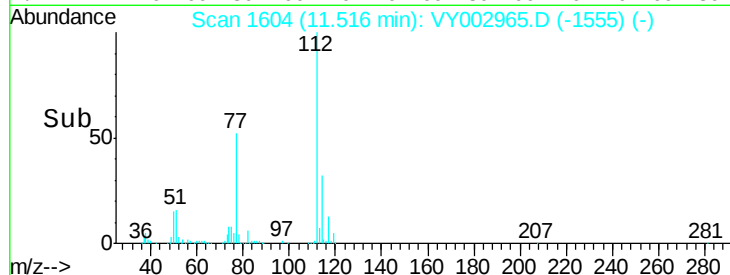


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.865 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

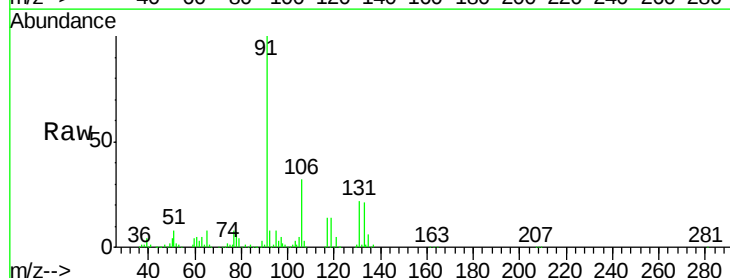
Tgt Ion:131 Resp: 64228

Ion Ratio Lower Upper

131 100

133 97.4 47.7 143.1

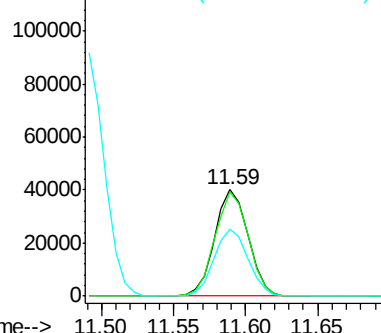
119 64.0 31.5 94.5



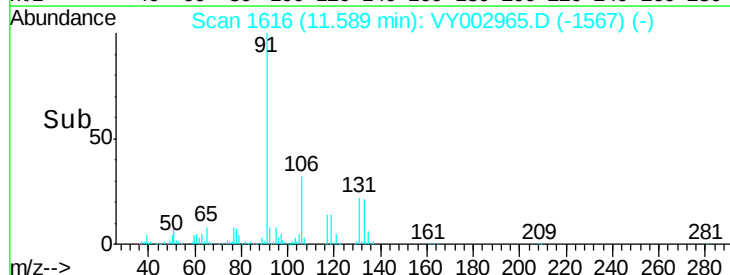
Abundance Ion 130.80 (130.50 to 131.50): V

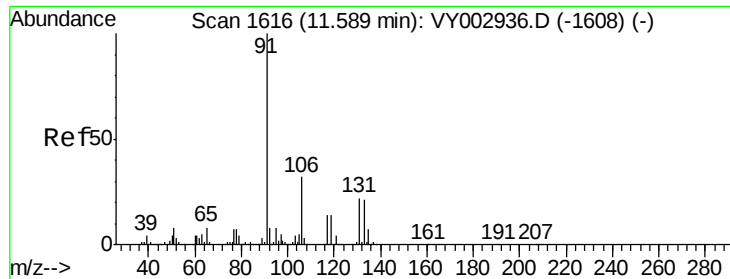
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 19.514 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 91 Resp: 287913

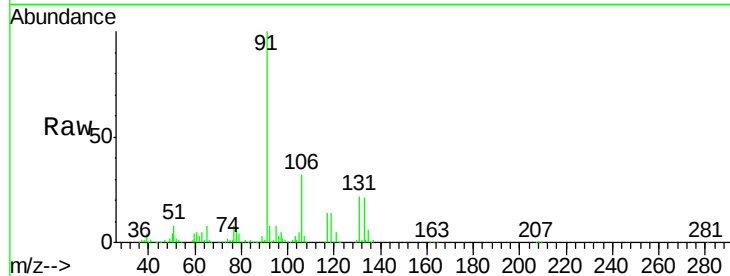
Ion Ratio Lower Upper

91 100

106 32.1 25.8 38.8

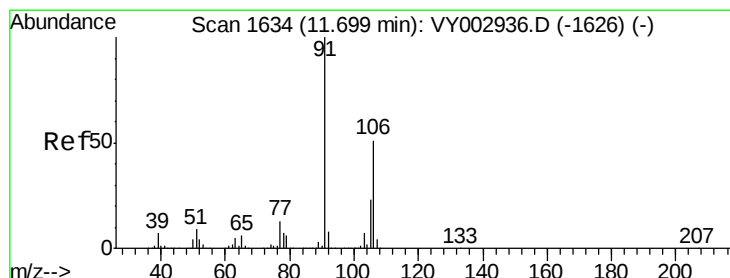
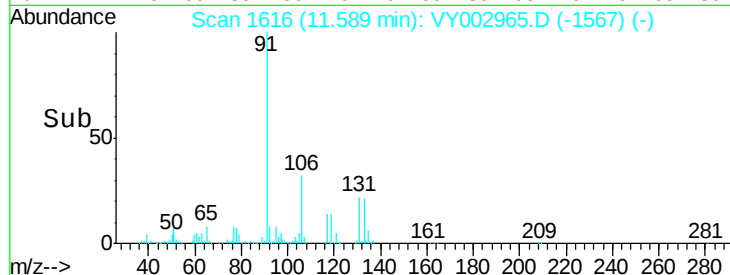
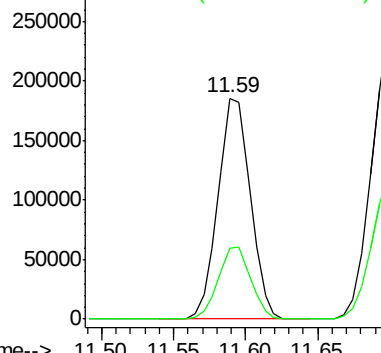
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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.971 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002965.D

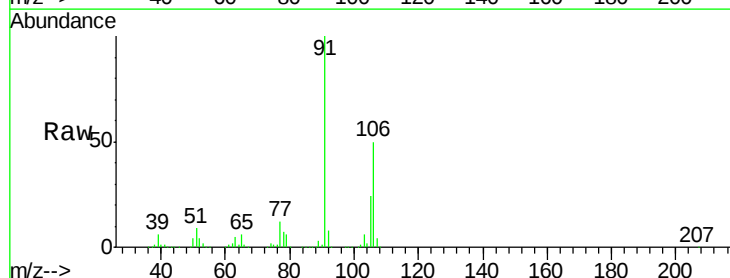
Acq: 22 Jun 2020 11:48

Tgt Ion: 106 Resp: 223435

Ion Ratio Lower Upper

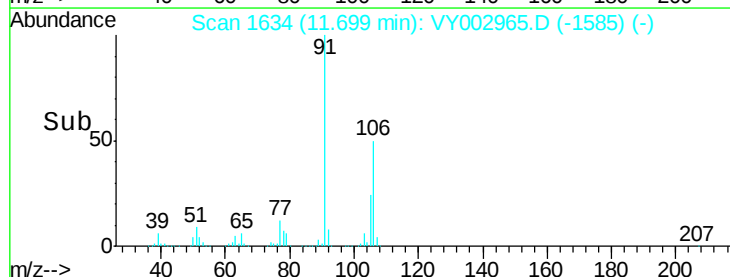
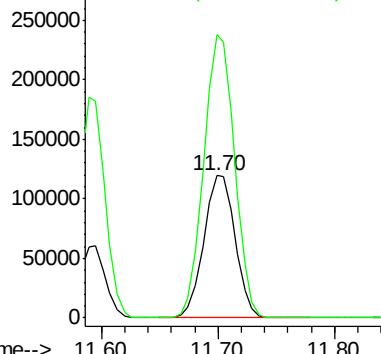
106 100

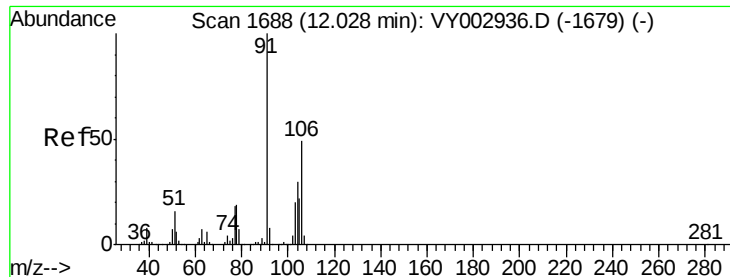
91 195.9 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





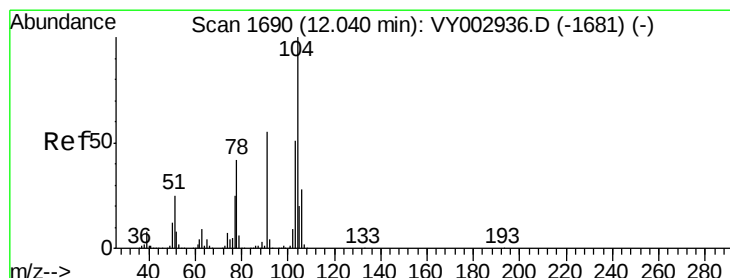
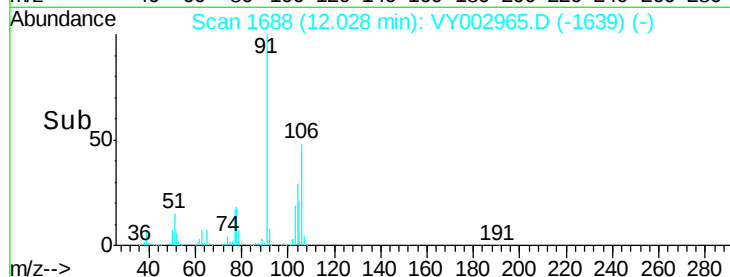
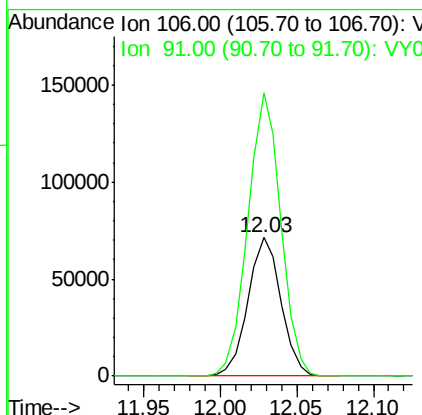
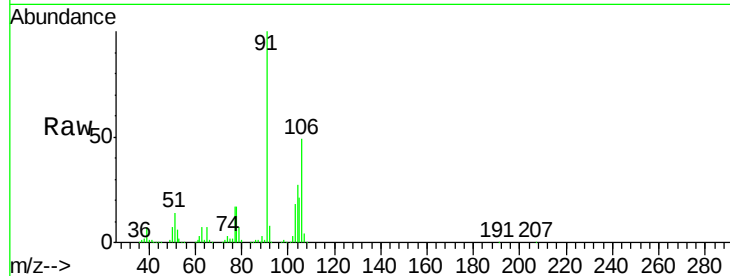
#69
o-Xylene
Concen: 19.816 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion:106 Resp: 107093
Ion Ratio Lower Upper
106 100
91 204.4 102.1 306.1

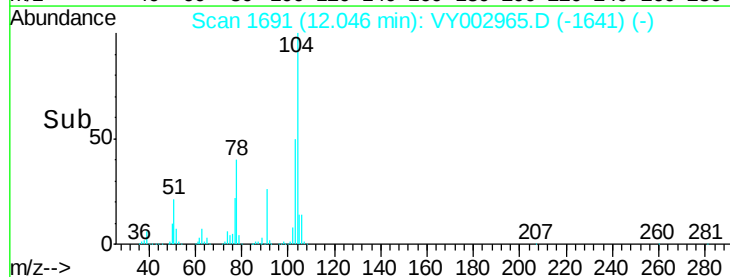
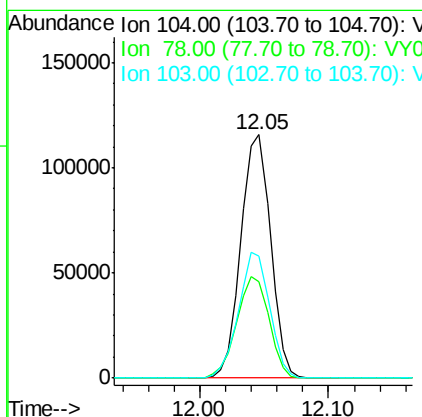
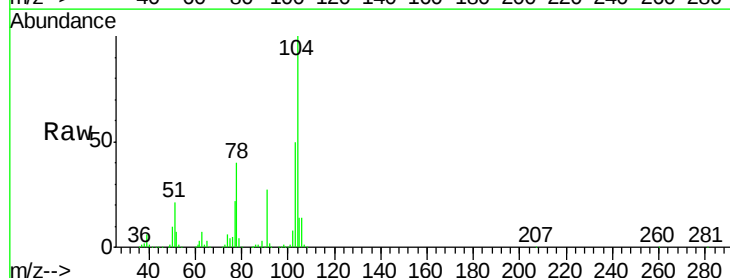
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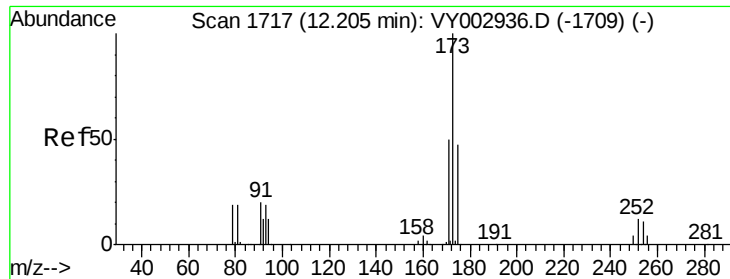
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#70
Styrene
Concen: 19.783 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion:104 Resp: 184732
Ion Ratio Lower Upper
104 100
78 45.7 36.9 55.3
103 54.3 43.7 65.5





#71

Bromoform

Concen: 20.657 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion:173 Resp: 44705

Ion Ratio Lower Upper

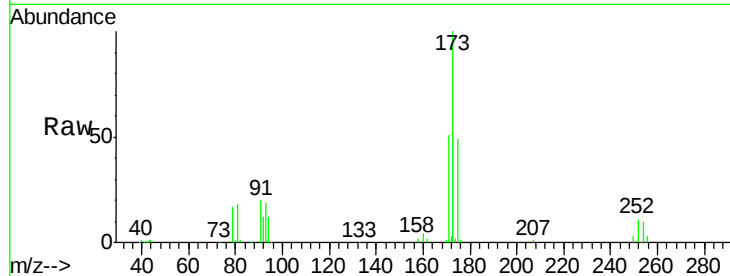
173 100

175 47.3 23.9 71.8

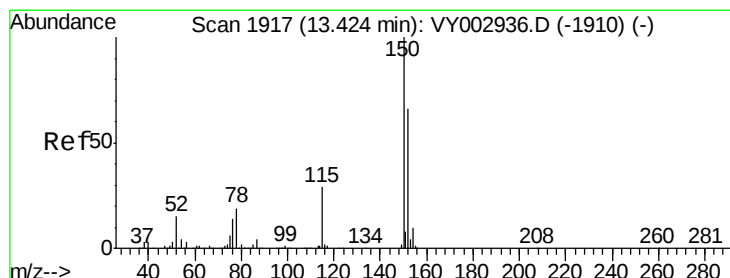
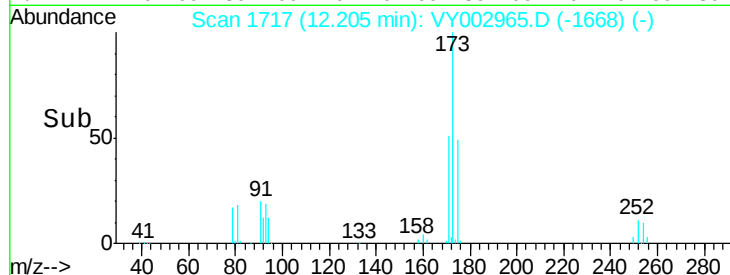
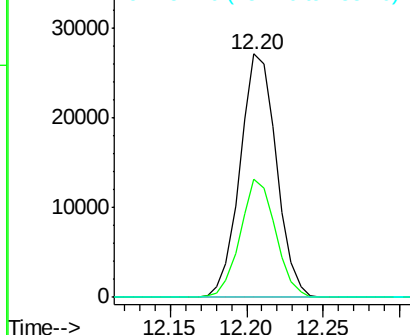
254 0.0 0.1 0.1#

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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: VY002965.D

Acq: 22 Jun 2020 11:48

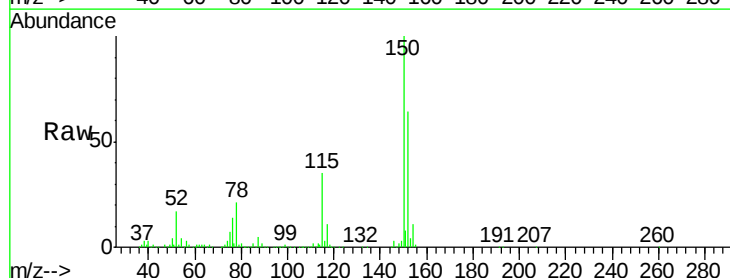
Tgt Ion:152 Resp: 246779

Ion Ratio Lower Upper

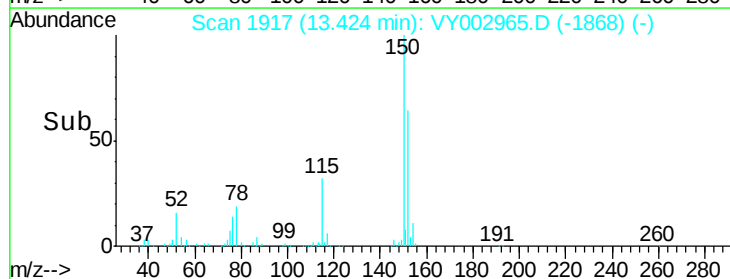
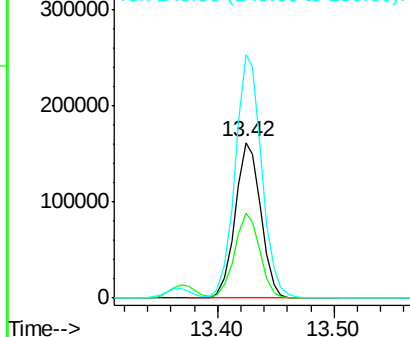
152 100

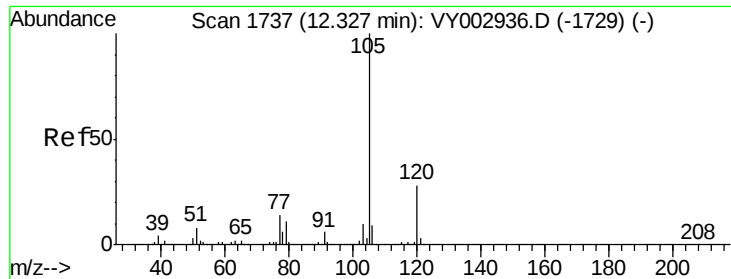
115 53.6 26.9 80.6

150 161.9 0.0 341.8



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: 19.461 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 105 Resp: 294342

Ion Ratio Lower Upper

105 100

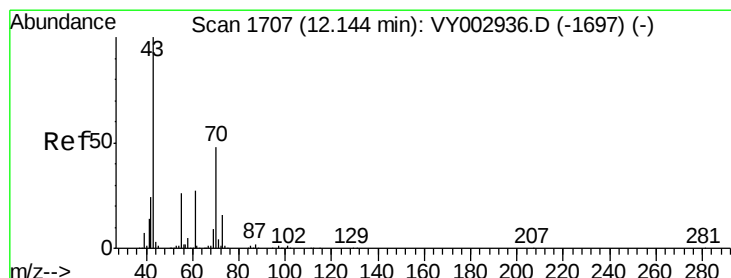
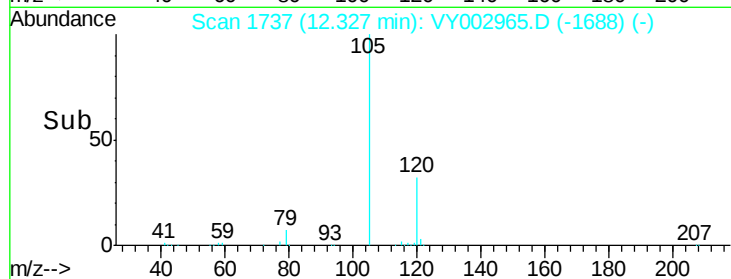
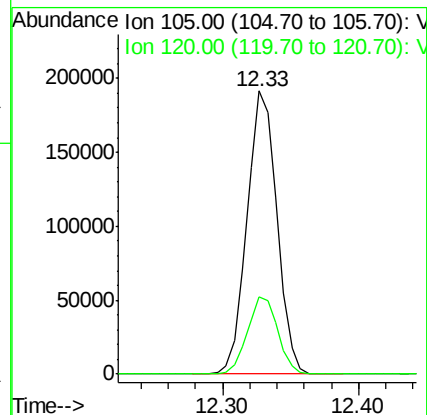
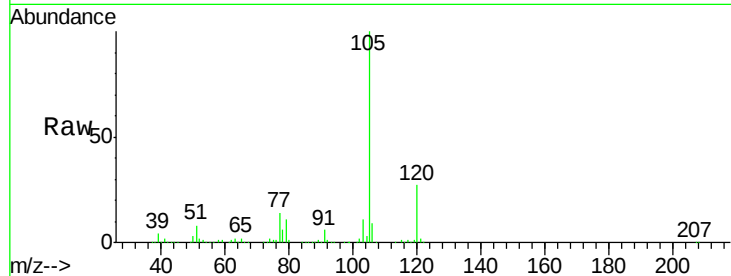
120 27.7 14.0 41.9

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.981 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Tgt Ion: 43 Resp: 73932

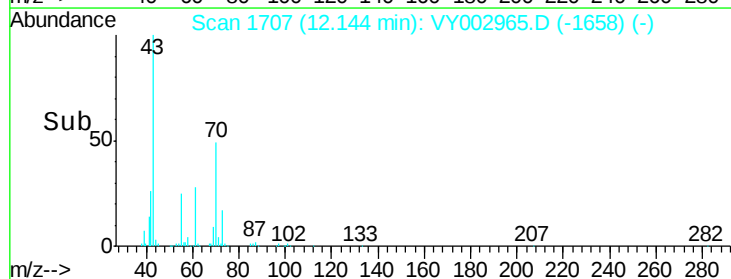
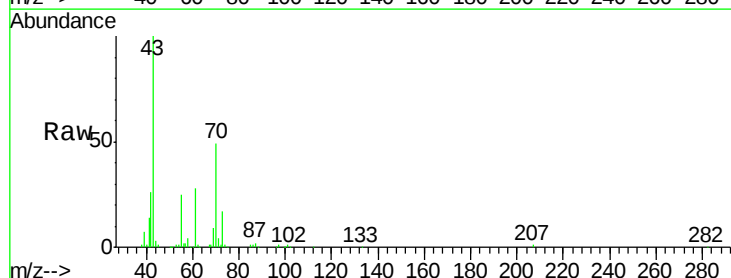
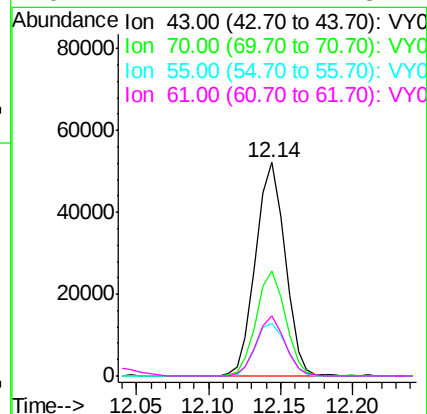
Ion Ratio Lower Upper

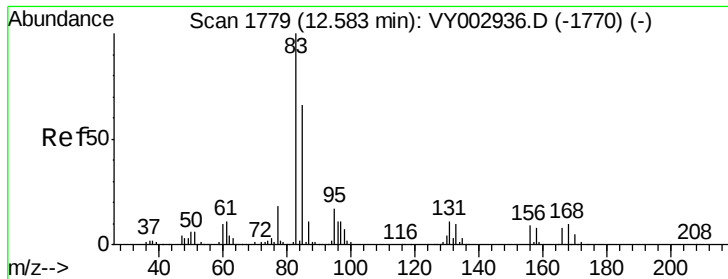
43 100

70 48.8 38.0 57.0

55 25.9 20.3 30.5

61 27.2 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.661 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

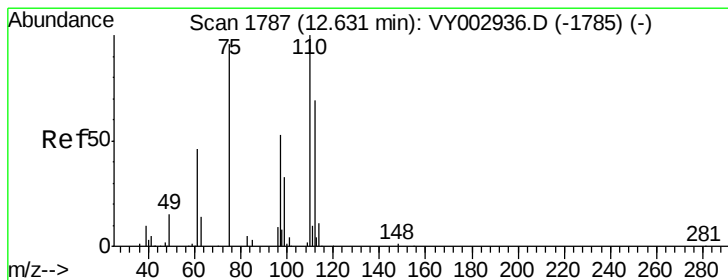
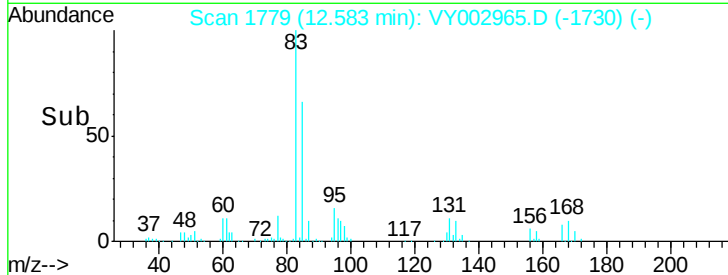
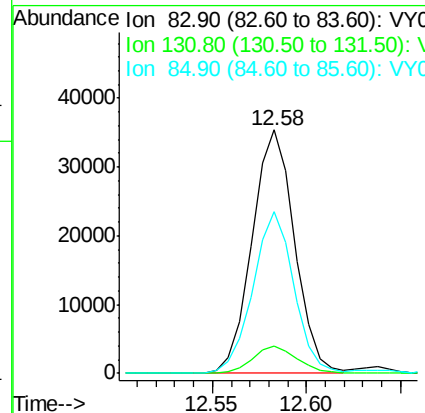
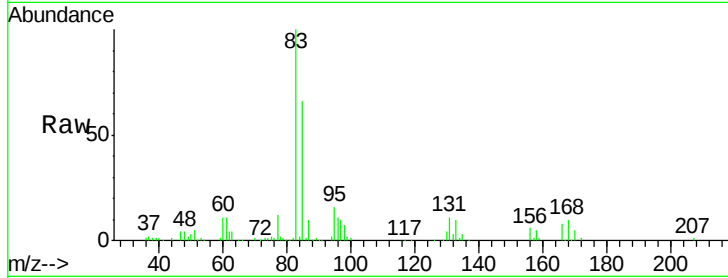
ClientSampleId :

VY0622SBS01

Tot Ion:	83	Resp:	55134
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.9	17.7
85	64.3	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.984 ug/l m

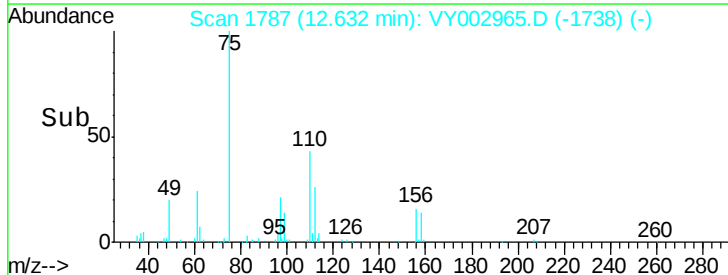
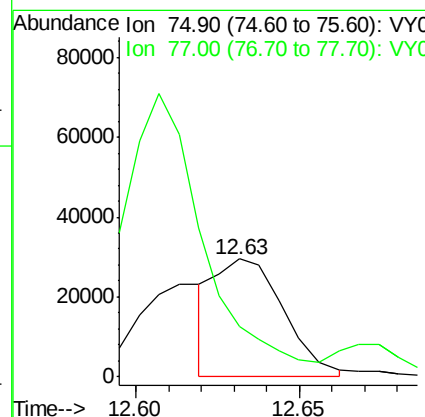
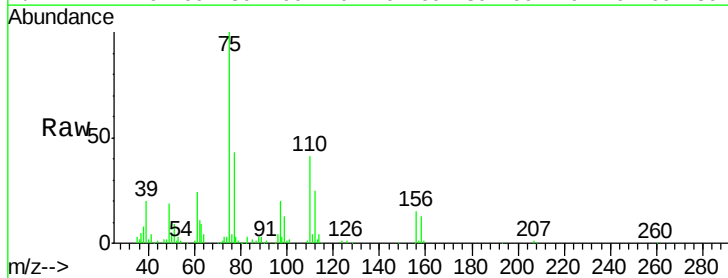
RT: 12.63 min Scan# 1787

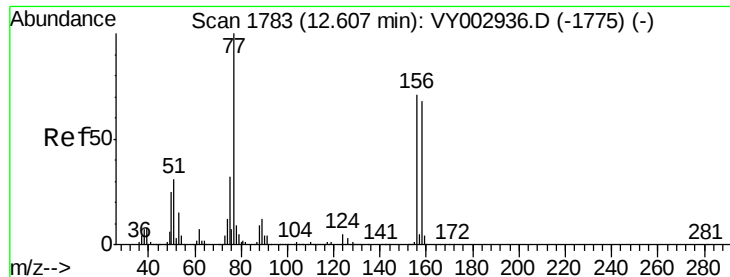
Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Tgt Ion:	75	Resp:	42950
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.557 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion:156 Resp: 77443

Ion Ratio Lower Upper

156 100

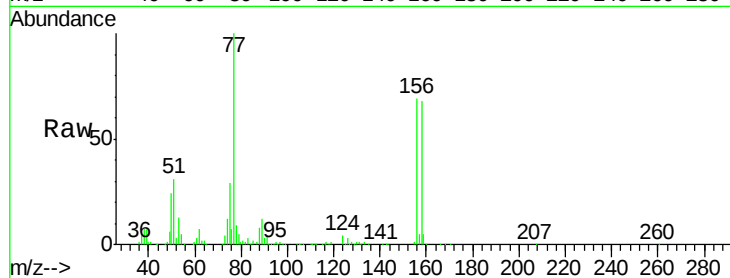
77 161.0 80.5 241.5

158 96.4 48.2 144.6

Manual Integrations
APPROVED

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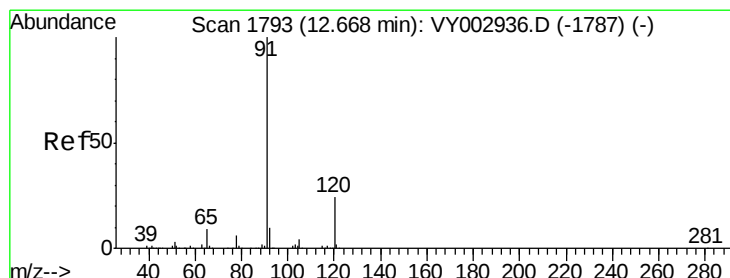
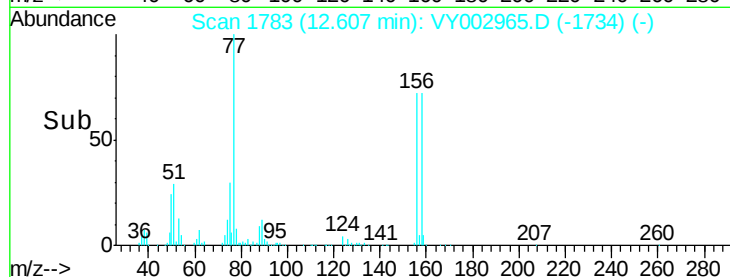
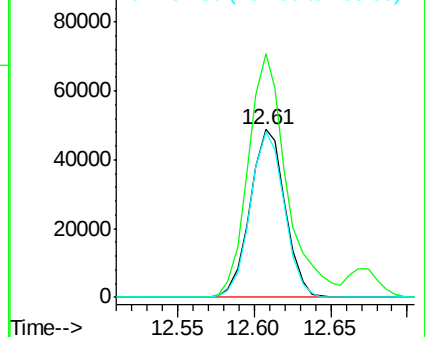
6/23/2020 8:13:12 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.391 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002965.D

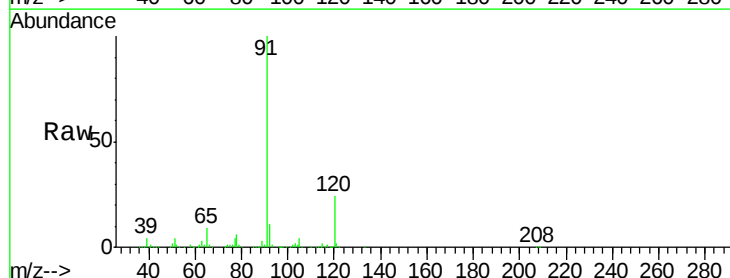
Acq: 22 Jun 2020 11:48

Tgt Ion: 91 Resp: 340252

Ion Ratio Lower Upper

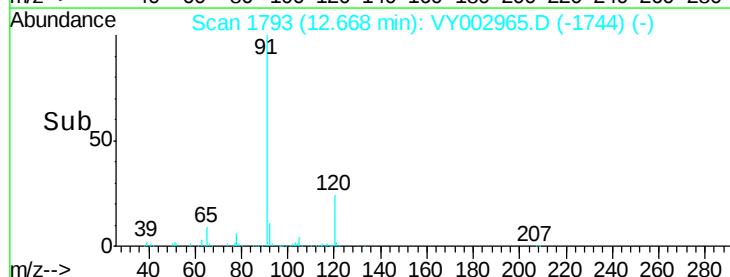
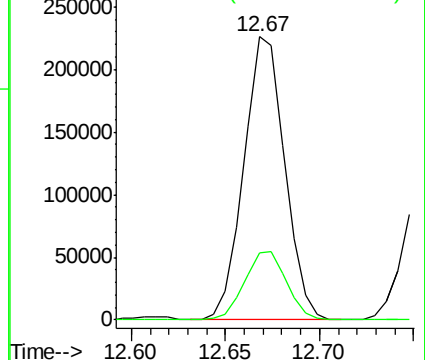
91 100

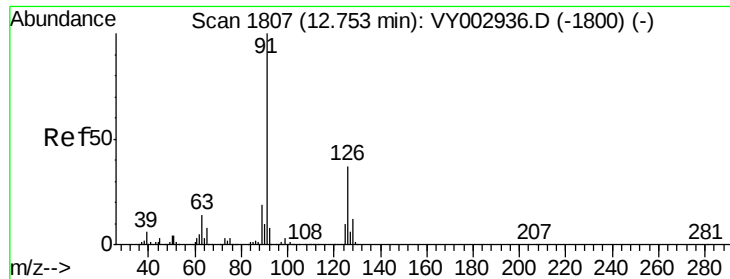
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





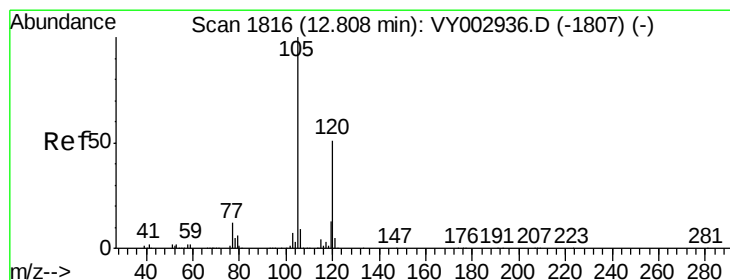
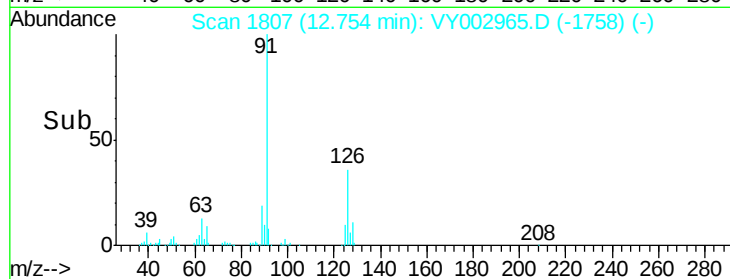
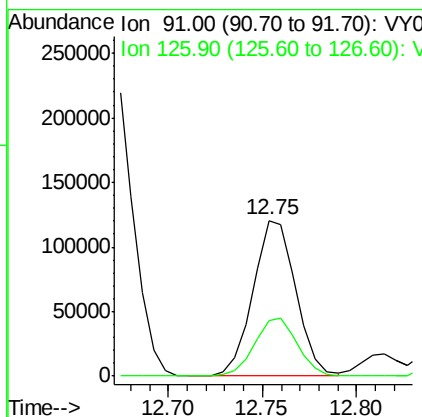
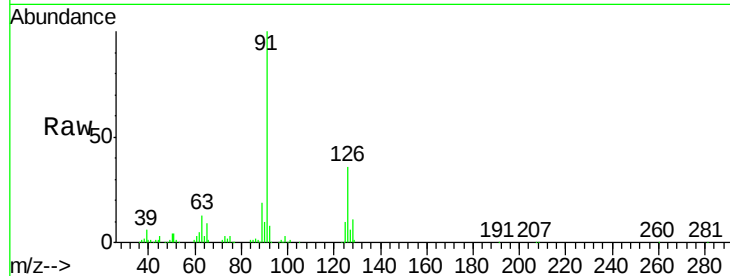
#79
2-Chlorotoluene
Concen: 19.306 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion: 91 Resp: 189744
Ion Ratio Lower Upper
91 100
126 37.2 18.5 55.5

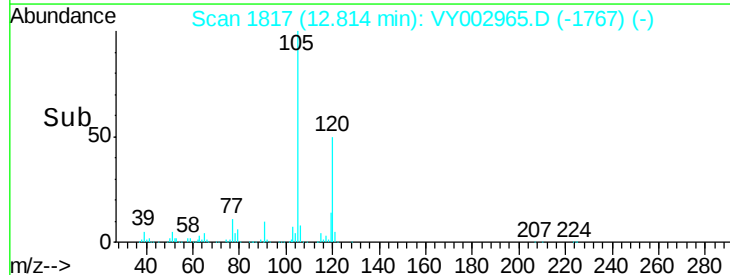
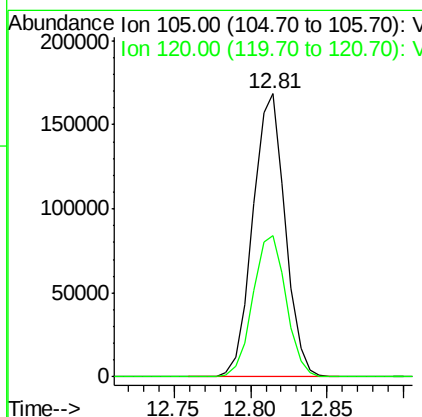
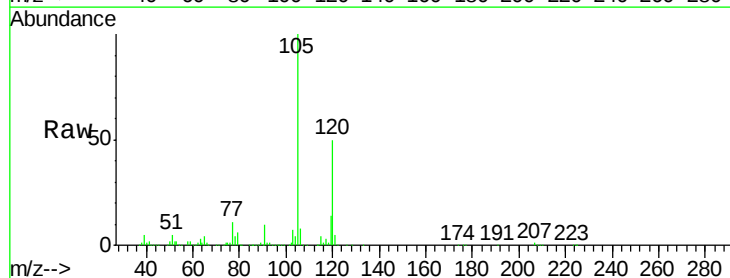
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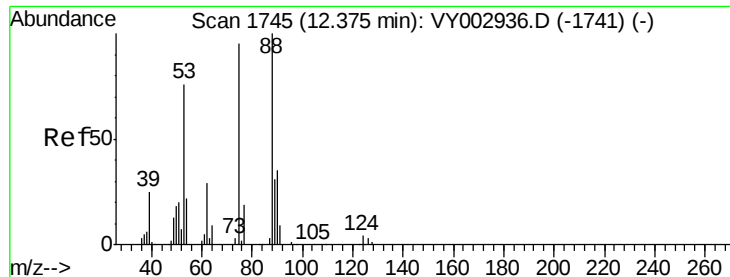
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 19.643 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion: 105 Resp: 247667
Ion Ratio Lower Upper
105 100
120 51.3 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.672 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

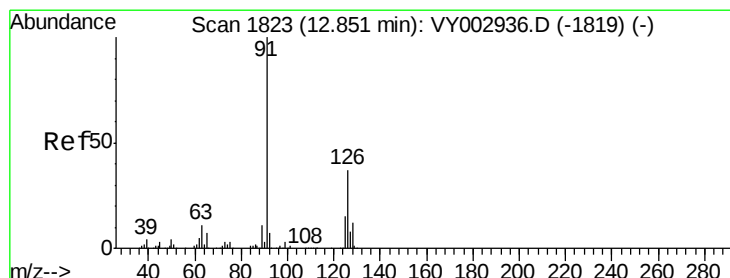
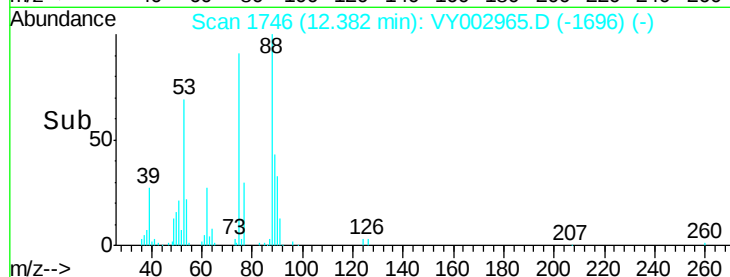
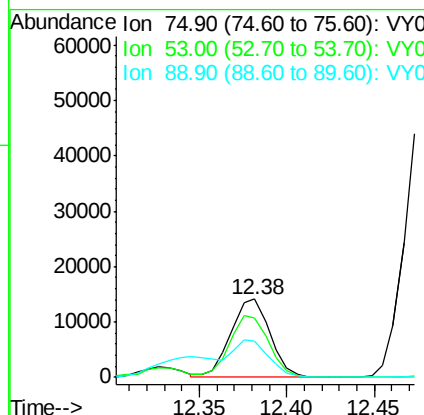
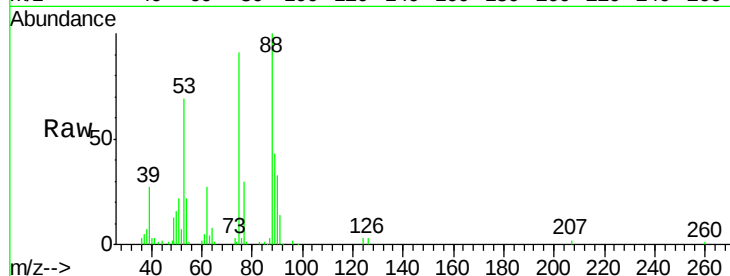
ClientSampleId :

VY0622SBS01

Tot Ion:	75	Resp:	22145
Ion Ratio	Lower	Upper	
75	100		
53	77.6	65.1	97.7
89	43.3	38.4	57.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.353 ug/l

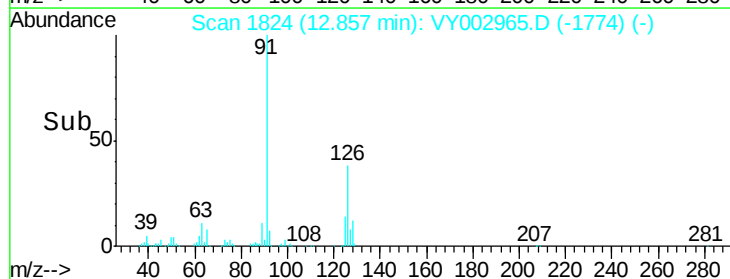
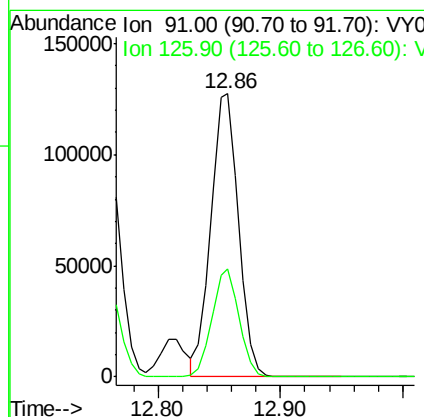
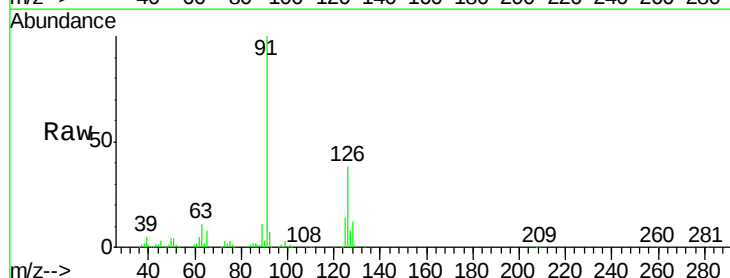
RT: 12.86 min Scan# 1824

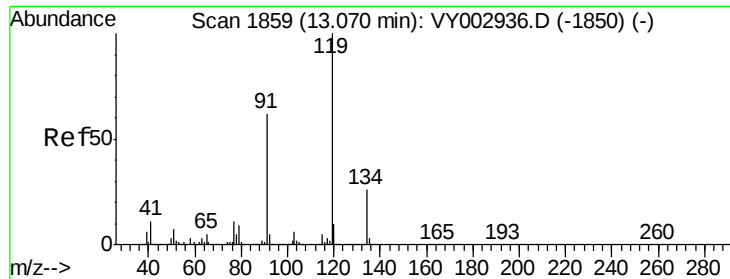
Delta R.T. 0.01 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Tgt Ion:	91	Resp:	200027
Ion Ratio	Lower	Upper	
91	100		
126	37.5	18.6	55.8





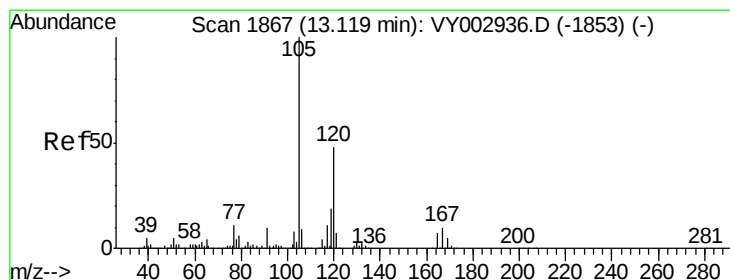
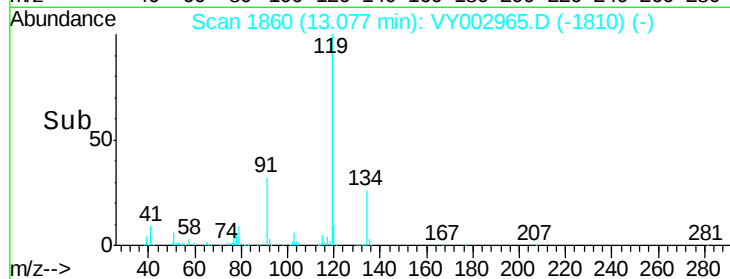
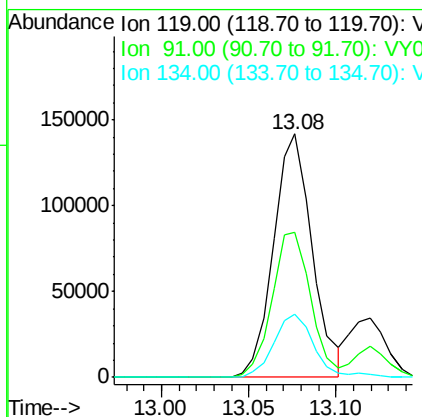
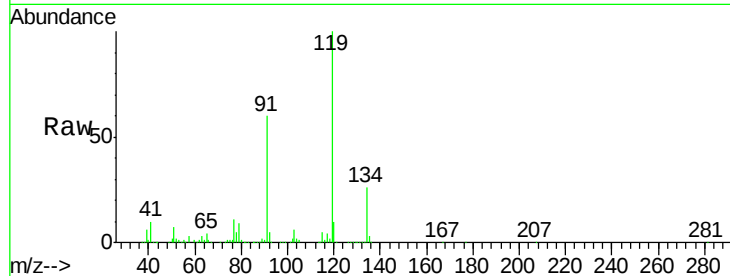
#83
tert-Butylbenzene
Concen: 19.406 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	219162		
91	59.9	29.9	89.7	
134	27.3	13.3	39.8	

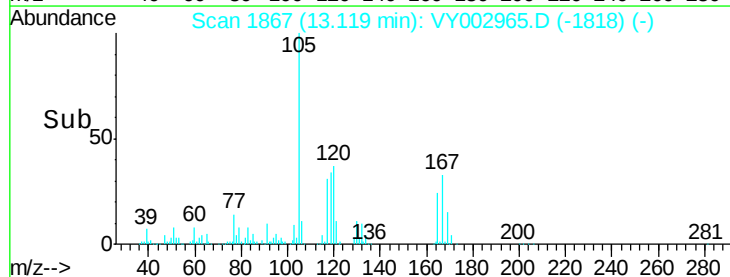
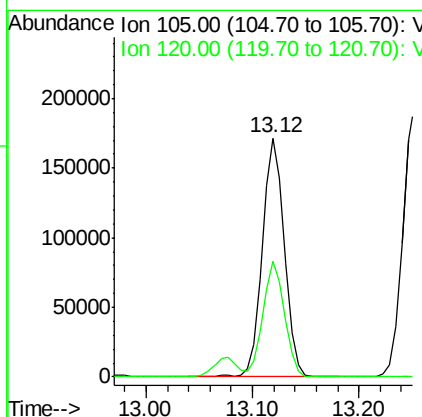
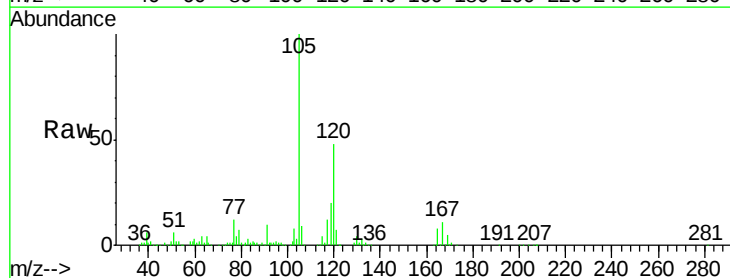
Manual Integrations
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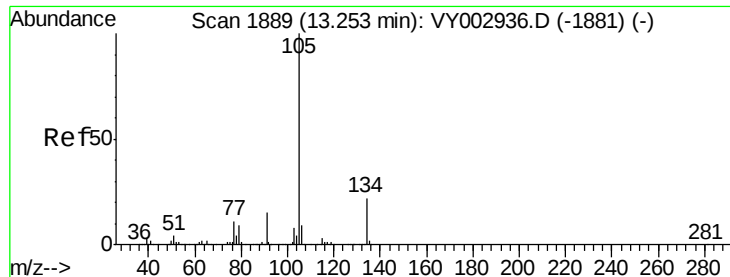
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#84
1,2,4-Trimethylbenzene
Concen: 19.646 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	249257		
120	47.0	23.5	70.5	





#85

sec-Butylbenzene

Concen: 19.625 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion:105 Resp: 301496

Ion Ratio Lower Upper

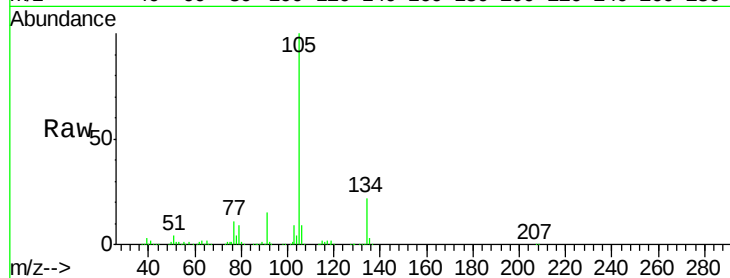
105 100

134 21.8 10.8 32.4

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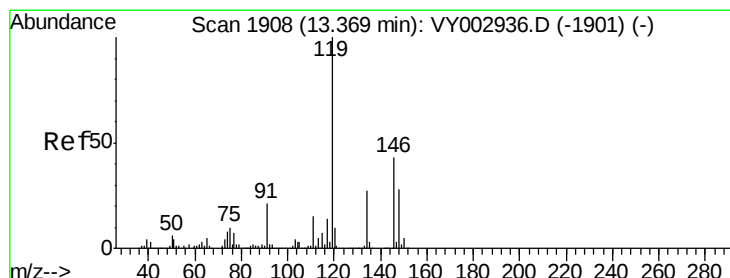
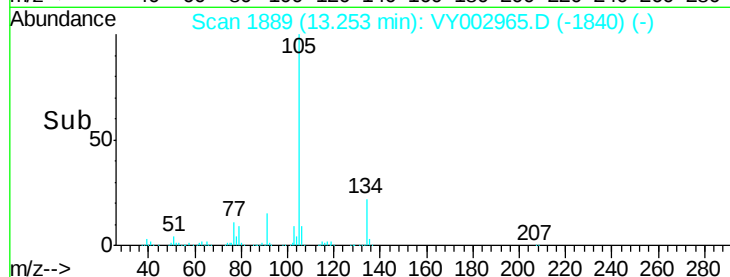
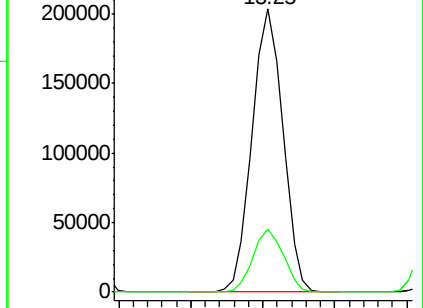
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.932 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002965.D

Acq: 22 Jun 2020 11:48

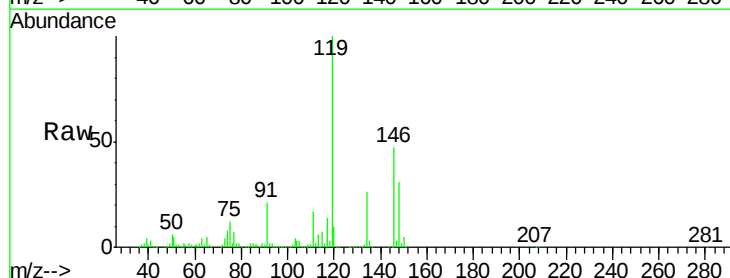
Tgt Ion:119 Resp: 287230

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

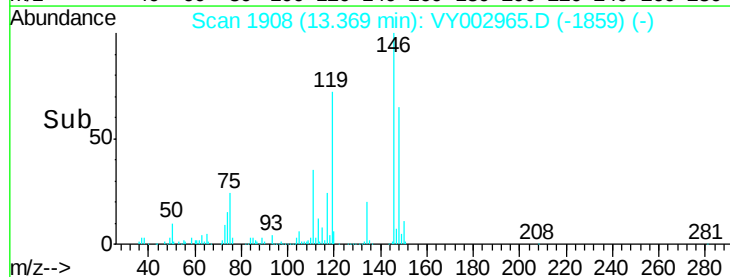
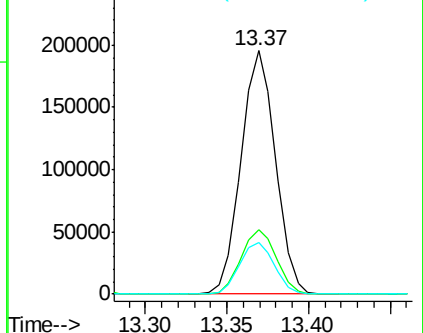
91 21.6 10.8 32.4

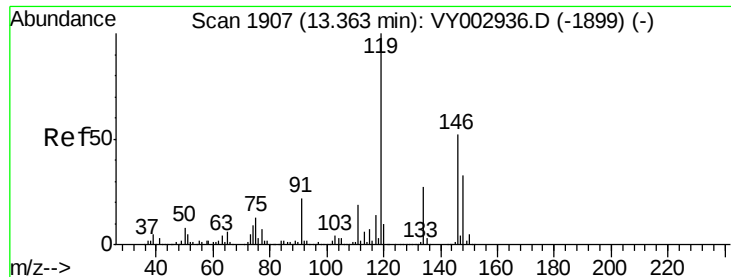


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





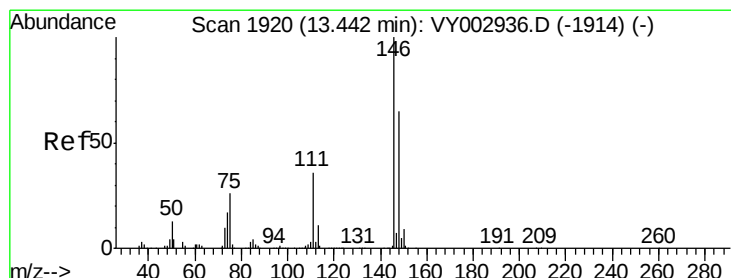
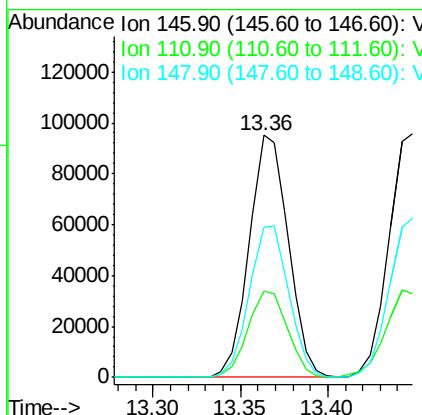
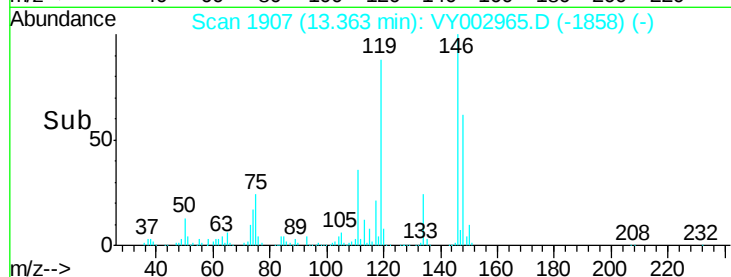
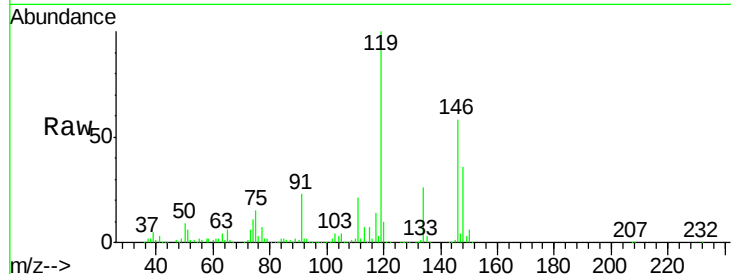
#87
 1,3-Dichlorobenzene
 Concen: 19.837 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.2	54.6
148	63.7	31.9	95.7

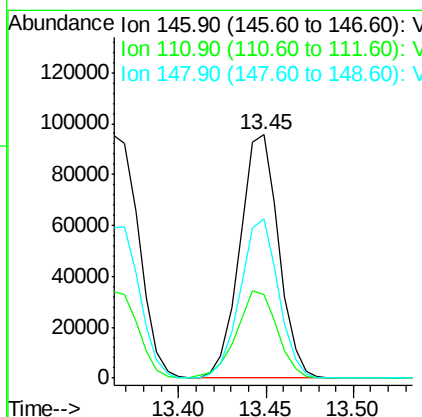
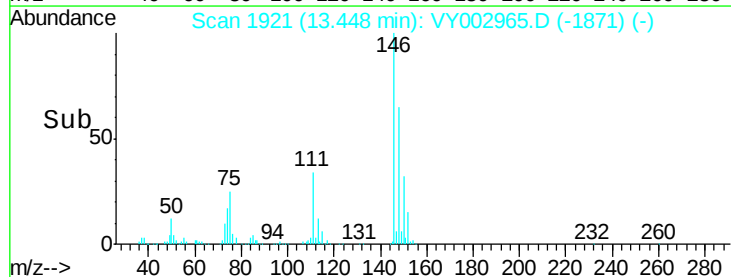
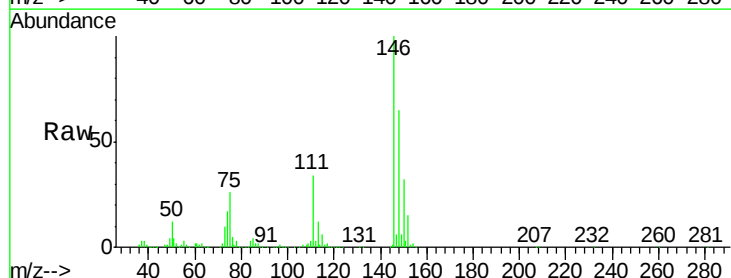
Manual Integrations
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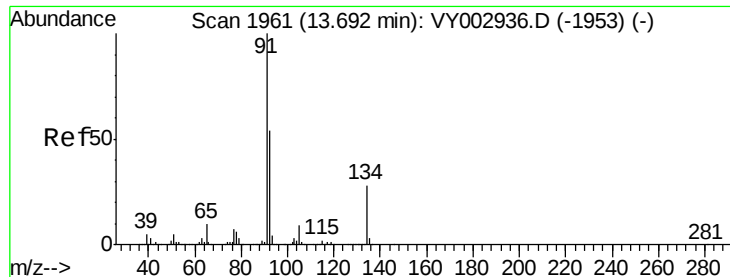
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#88
 1,4-Dichlorobenzene
 Concen: 19.688 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	17.9	53.8
148	64.5	32.1	96.5





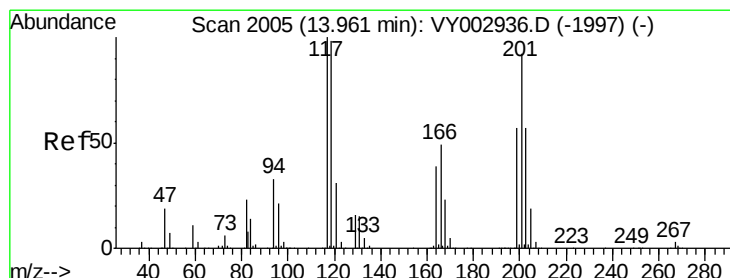
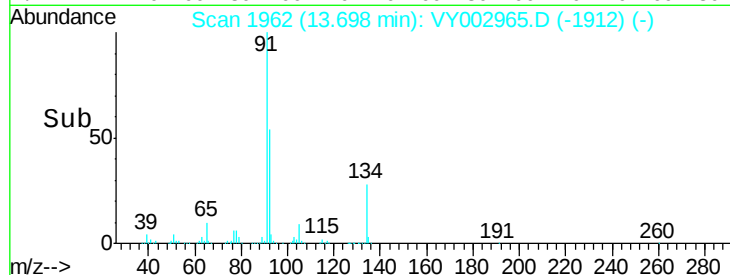
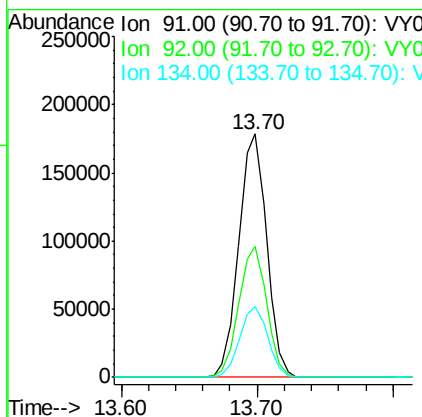
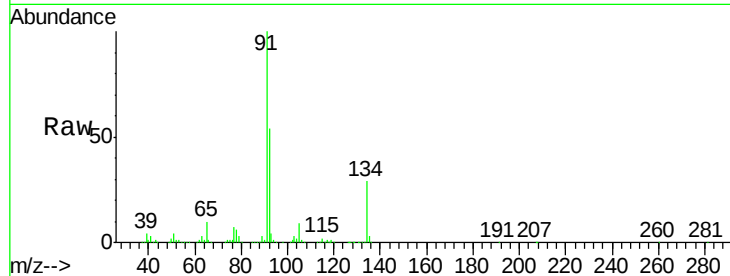
#89
n-Butylbenzene
Concen: 19.617 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	255556		
92	53.7		27.0	80.8
134	29.5		14.5	43.5

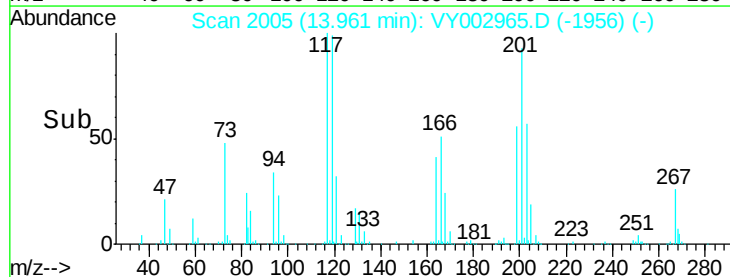
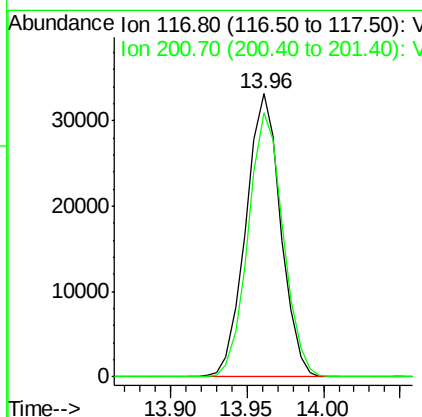
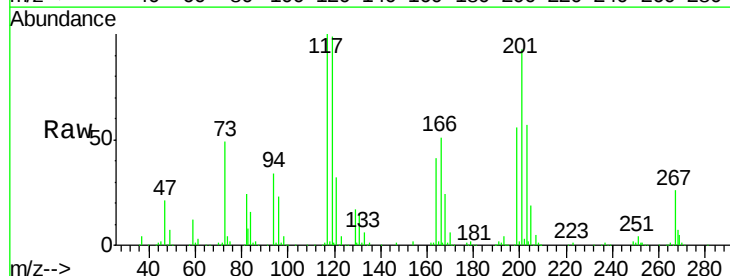
Manual Integrations
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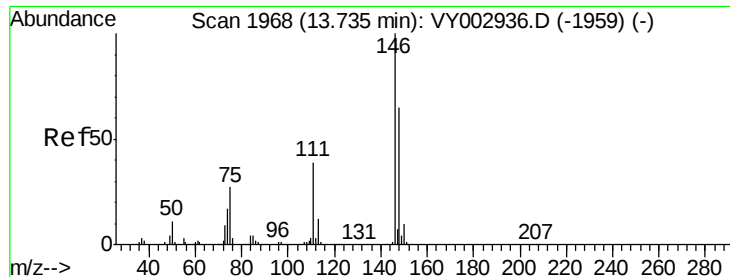
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#90
Hexachloroethane
Concen: 19.578 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	52550		
201	93.4		45.1	135.5





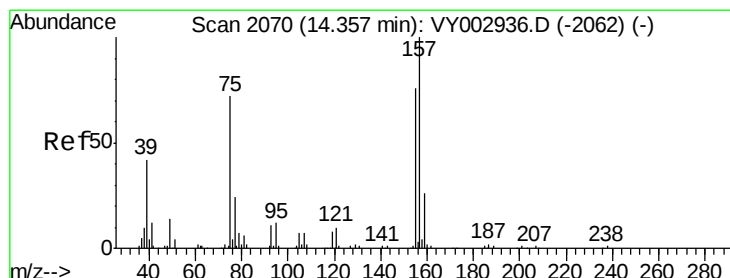
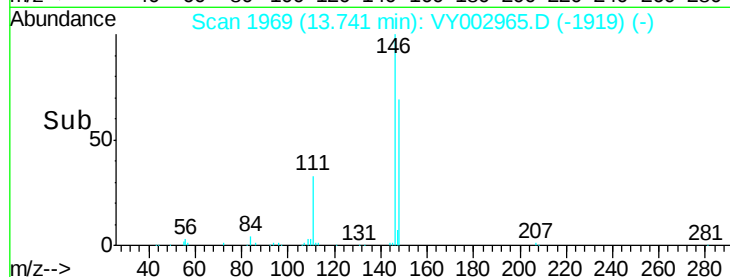
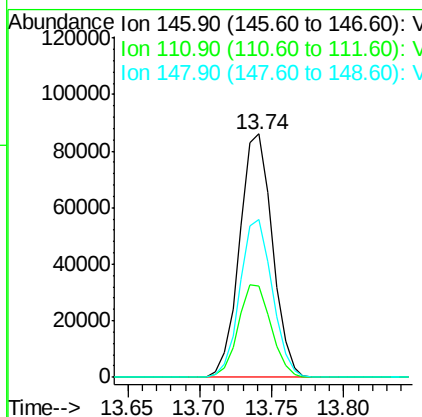
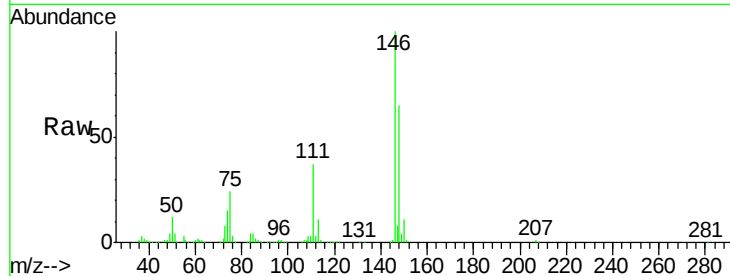
#91
 1,2-Dichlorobenzene
 Concen: 20.005 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	64.0	32.0	96.2

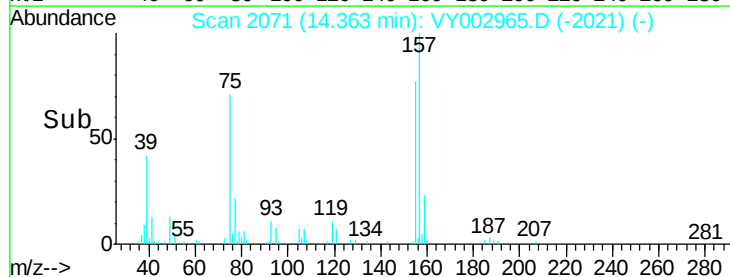
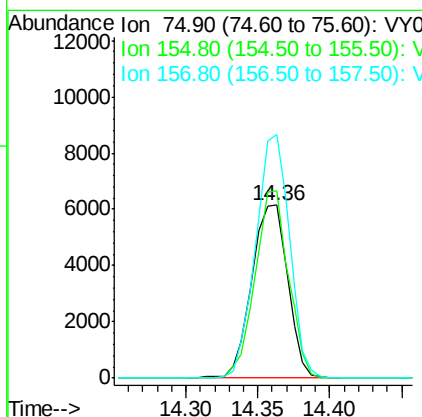
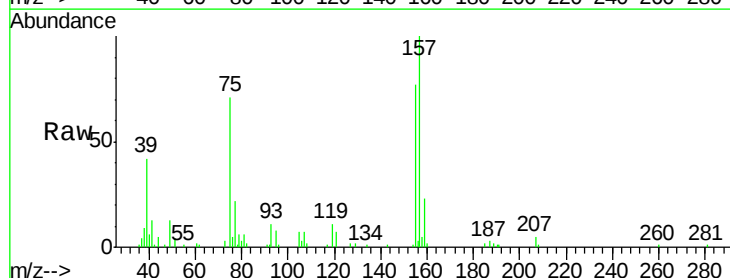
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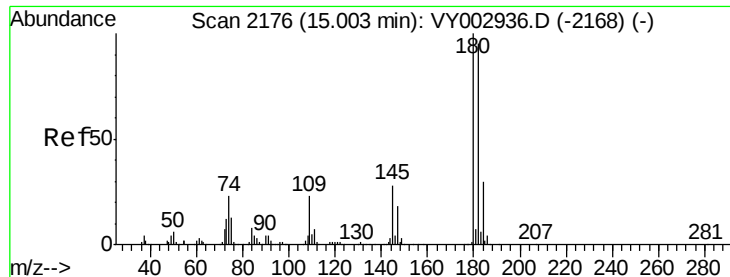
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.324 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.01 min
 Lab File: VY002965.D
 Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.2	53.1	159.4
157	132.0	69.0	206.9





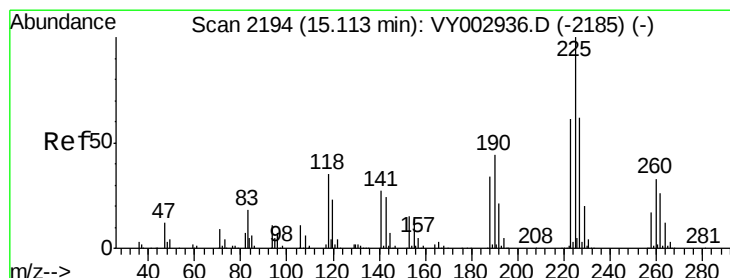
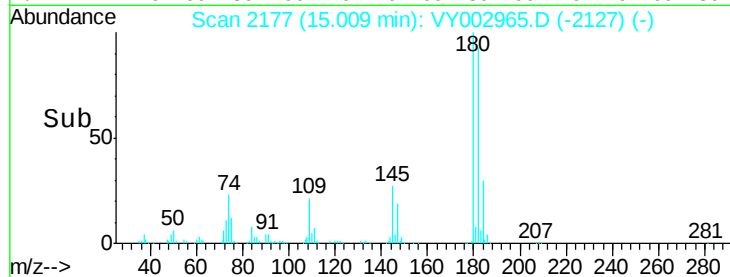
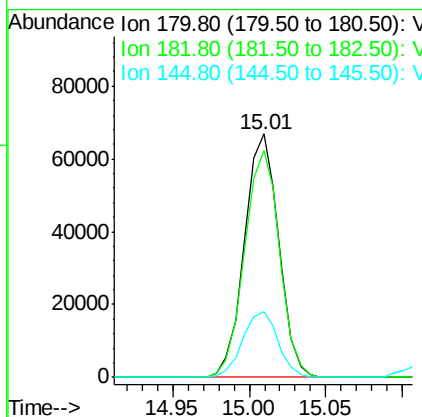
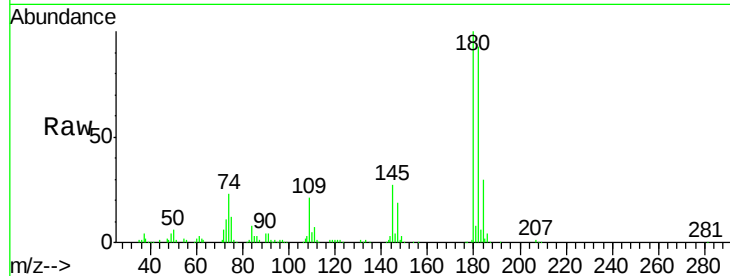
#93
1,2,4-Trichlorobenzene
Concen: 20.415 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. 0.01 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	104067		
182	94.9	47.9	143.6	
145	28.0	14.1	42.3	

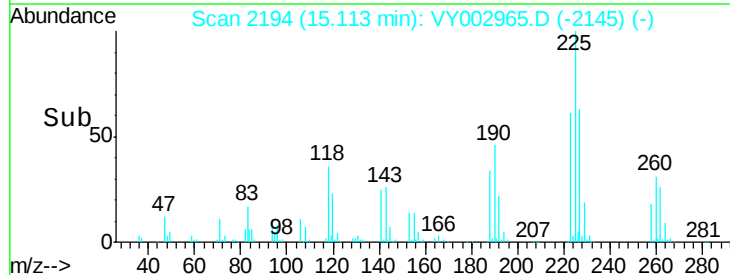
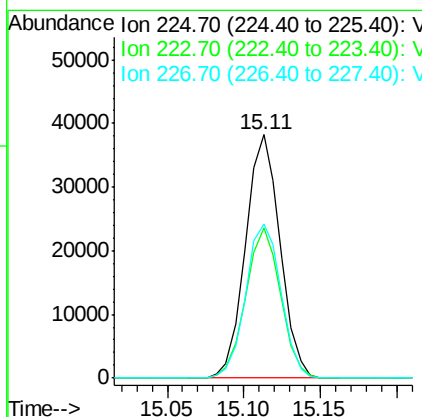
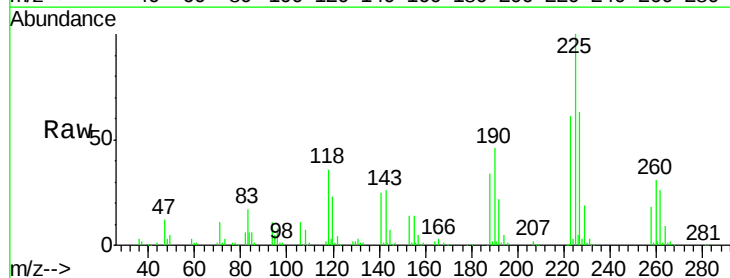
Manual Integrations
APPROVED

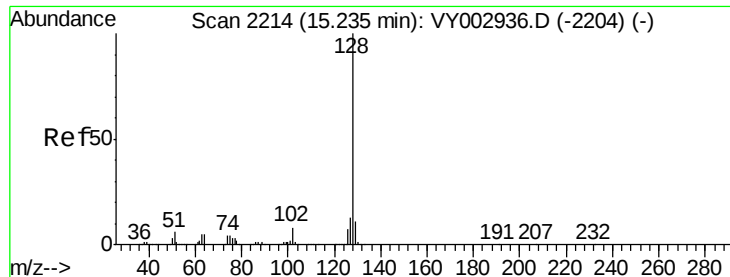
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#94
Hexachlorobutadiene
Concen: 20.354 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59806		
223	62.3	31.3	93.8	
227	64.7	31.9	95.7	





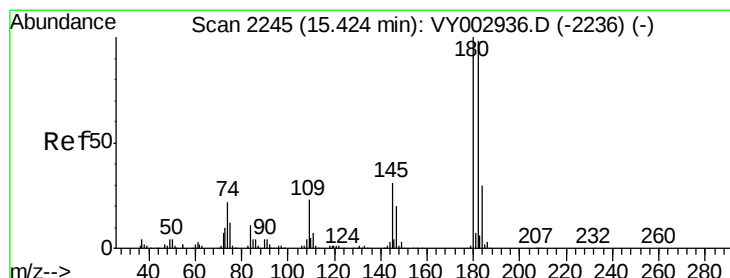
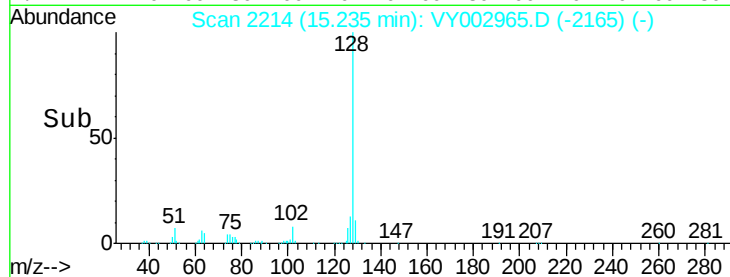
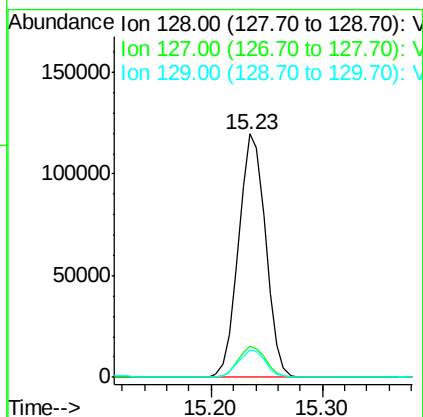
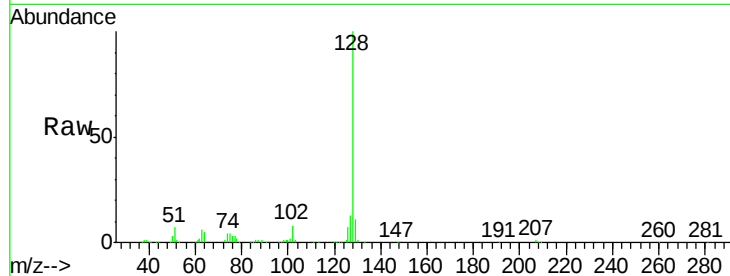
#95
Naphthalene
Concen: 19.813 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.2	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.255 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002965.D
Acq: 22 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.3
145	29.4	15.0	45.0

