

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002961.D
 Acq On : 20 Jun 2020 00:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 2:07:18 PM

Quant Time: Jun 20 05:26:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	326187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	500773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	472028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	253790	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	150663	55.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.84%	
35) Dibromofluoromethane	7.72	113	153835	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
50) Toluene-d8	10.18	98	605608	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
62) 4-Bromofluorobenzene	12.48	95	209645	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	99610	47.901	ug/l	99
3) Chloromethane	2.12	50	119474	50.601	ug/l	100
4) Vinyl Chloride	2.26	62	126359	49.844	ug/l	99
5) Bromomethane	2.65	94	102831	54.971	ug/l	98
6) Chloroethane	2.80	64	86103	52.512	ug/l	95
7) Trichlorofluoromethane	3.13	101	222384	48.851	ug/l	98
8) Diethyl Ether	3.54	74	89935	54.753	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	134994	49.238	ug/l	99
10) Methyl Iodide	4.10	142	187197	49.318	ug/l	100
11) Tert butyl alcohol	4.97	59	70777	242.301	ug/l	99
12) 1,1-Dichloroethene	3.88	96	138202	50.833	ug/l	97
13) Acrolein	3.74	56	68887	254.510	ug/l	99
14) Allyl chloride	4.49	41	206139	52.568	ug/l	99
15) Acrylonitrile	5.18	53	213072	270.476	ug/l	99
16) Acetone	3.96	43	151011	226.300	ug/l	99
17) Carbon Disulfide	4.20	76	434091	54.006	ug/l	100
18) Methyl Acetate	4.49	43	88454	52.522	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	403276	54.461	ug/l	98
20) Methylene Chloride	4.72	84	170616	53.131	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	161043	53.351	ug/l	96
22) Diisopropyl ether	6.13	45	433230	54.114	ug/l	99
23) Vinyl Acetate	6.07	43	1467383	283.353	ug/l	98
24) 1,1-Dichloroethane	6.03	63	253082	53.361	ug/l	100
25) 2-Butanone	7.00	43	255174	255.189	ug/l	99
26) 2,2-Dichloropropane	6.99	77	201301	45.444	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	178008	52.764	ug/l	99
28) Bromochloromethane	7.34	49	109156	55.046	ug/l	96
29) Tetrahydrofuran	7.35	42	174788	270.607	ug/l	99
30) Chloroform	7.52	83	265965	53.542	ug/l	99
31) Cyclohexane	7.79	56	224066	48.433	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	235058	51.354	ug/l	99
36) 1,1-Dichloropropene	7.93	75	200934	49.406	ug/l	100
37) Ethyl Acetate	7.08	43	113679	50.339	ug/l	100
38) Carbon Tetrachloride	7.91	117	217897	48.616	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	256948	47.928	ug/l	98
40) Benzene	8.17	78	616939	50.953	ug/l	100
41) Methacrylonitrile	7.32	41	58272m	51.541	ug/l	
42) 1,2-Dichloroethane	8.24	62	173511	51.631	ug/l	100
43) Isopropyl Acetate	8.28	43	220401	52.411	ug/l	99
44) Trichloroethene	8.94	130	187491	49.990	ug/l	99
45) 1,2-Dichloropropane	9.22	63	148584	51.028	ug/l	99
46) Dibromomethane	9.31	93	89825	51.666	ug/l	98
47) Bromodichloromethane	9.50	83	213271	52.542	ug/l	100
48) Methyl methacrylate	9.30	41	98296	52.093	ug/l	97
49) 1,4-Dioxane	9.30	88	25442	998.462	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	580917	260.681	ug/l	99
52) Toluene	10.25	92	397678	50.748	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	223407	50.642	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	254534	50.973	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	133388	51.447	ug/l	98
56) Ethyl methacrylate	10.51	69	188278	53.870	ug/l	99
57) 1,3-Dichloropropane	10.79	76	223173	51.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	490187	281.595	ug/l	100
59) 2-Hexanone	10.83	43	408998	261.053	ug/l	99
60) Dibromochloromethane	10.99	129	173546	52.486	ug/l	99
61) 1,2-Dibromoethane	11.09	107	135181	52.554	ug/l	99
64) Tetrachloroethene	10.72	164	194191	49.370	ug/l	99
65) Chlorobenzene	11.52	112	446456	49.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	171724	50.846	ug/l	100
67) Ethyl Benzene	11.59	91	772362	50.114	ug/l	99
68) m/p-Xylenes	11.70	106	598623	99.954	ug/l	100
69) o-Xylene	12.03	106	287113	50.859	ug/l	100
70) Styrene	12.04	104	504762	51.749	ug/l	99
71) Bromoform	12.20	173	116084	51.351	ug/l #	99
73) Isopropylbenzene	12.33	105	760539	48.896	ug/l	99
74) N-amyl acetate	12.14	43	207391	51.774	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	145214	50.355	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	109866m	49.707	ug/l	
77) Bromobenzene	12.61	156	201748	49.541	ug/l	98
78) n-propylbenzene	12.67	91	879700	48.749	ug/l	100
79) 2-Chlorotoluene	12.75	91	498236	49.295	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	640016	49.358	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	55924	48.307	ug/l	99
82) 4-Chlorotoluene	12.85	91	523123	49.215	ug/l	100
83) tert-Butylbenzene	13.08	119	563488	48.516	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	647010	49.588	ug/l	99
85) sec-Butylbenzene	13.25	105	760322	48.123	ug/l	100
86) p-Isopropyltoluene	13.37	119	717958	48.446	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	377878	49.228	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	379477	49.367	ug/l	100
89) n-Butylbenzene	13.69	91	640510	47.809	ug/l	100
90) Hexachloroethane	13.96	117	135103	48.944	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	348543	49.889	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26311	48.836	ug/l	98

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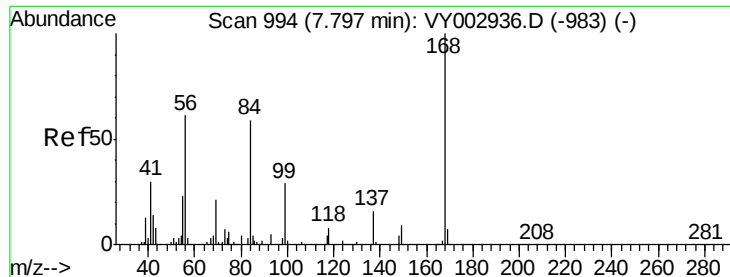
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	259091	49.421	ug/l	99
94) Hexachlorobutadiene	15.11	225	141480	46.821	ug/l	100
95) Naphthalene	15.23	128	530067	50.730	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	232966	49.807	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: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 326187

Ion Ratio Lower Upper

168 100

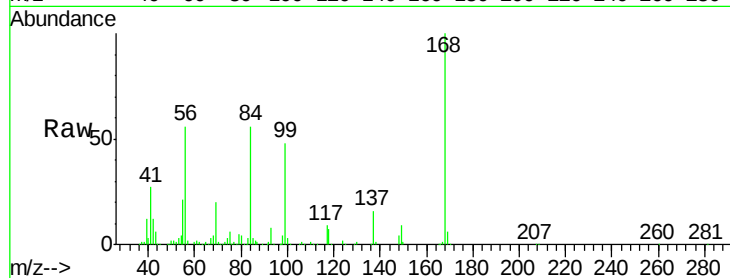
99 48.2 39.5 59.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

7.80

150000

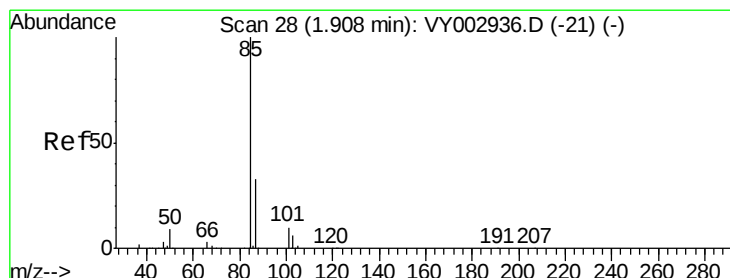
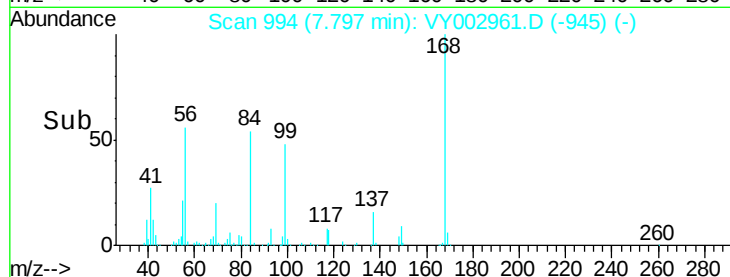
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.901 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002961.D

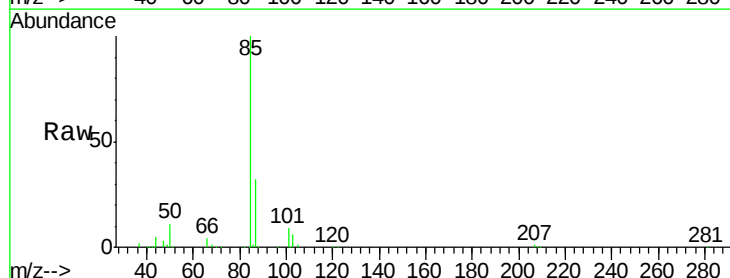
Acq: 20 Jun 2020 00:33

Tgt Ion: 85 Resp: 99610

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY002936.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002936.D (-21) (-)

1.91

80000

60000

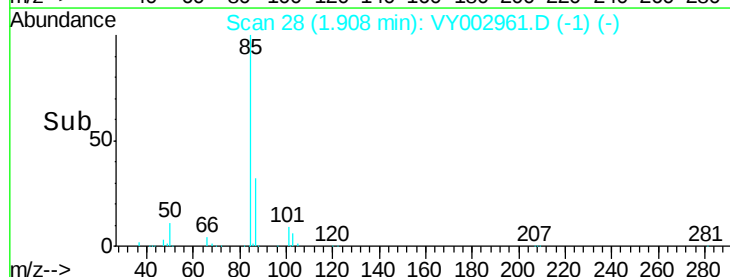
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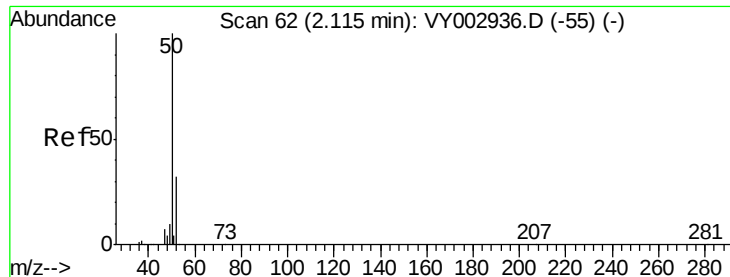
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 50.601 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 119474

Ion Ratio Lower Upper

50 100

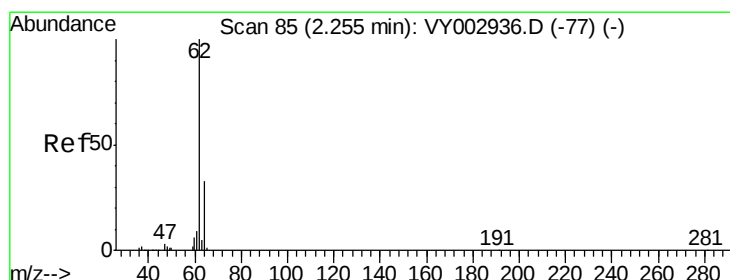
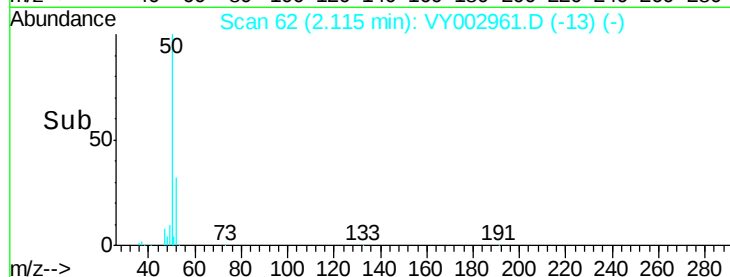
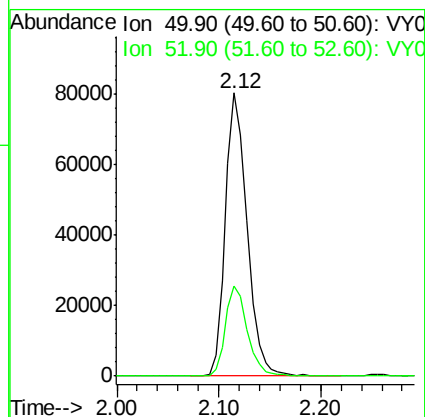
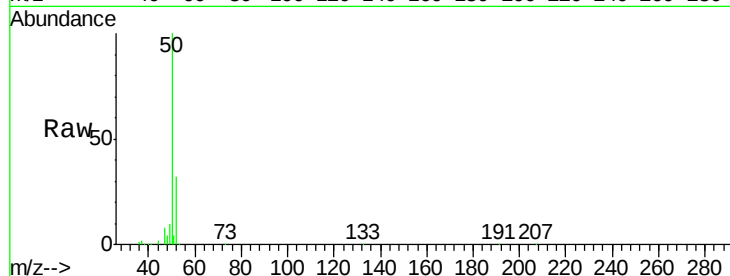
52 31.9 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.844 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002961.D

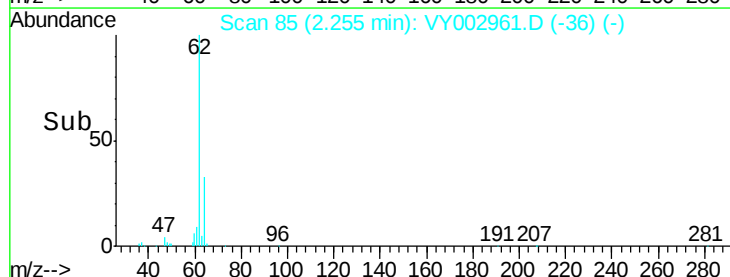
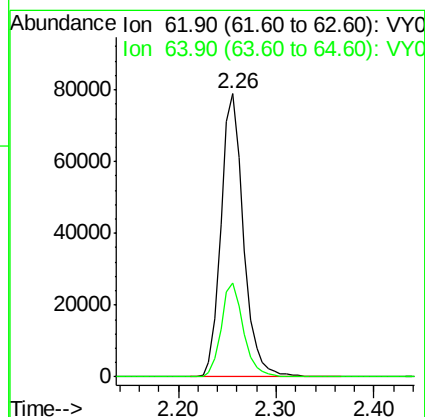
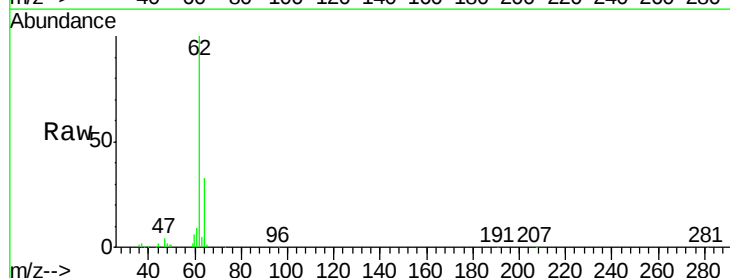
Acq: 20 Jun 2020 00:33

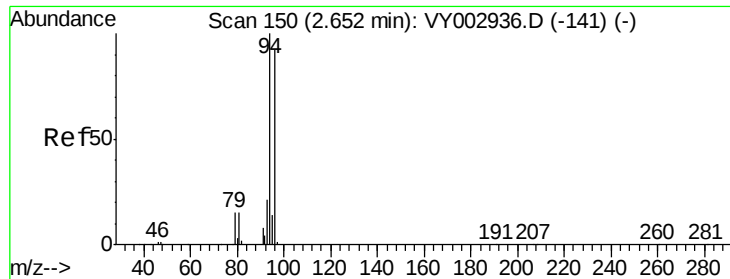
Tgt Ion: 62 Resp: 126359

Ion Ratio Lower Upper

62 100

64 33.2 26.3 39.5





#5

Bromomethane

Concen: 54.971 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 102831

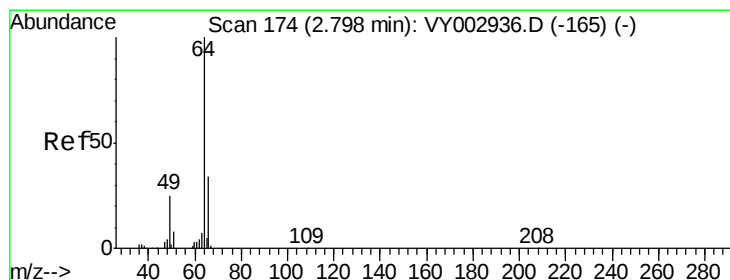
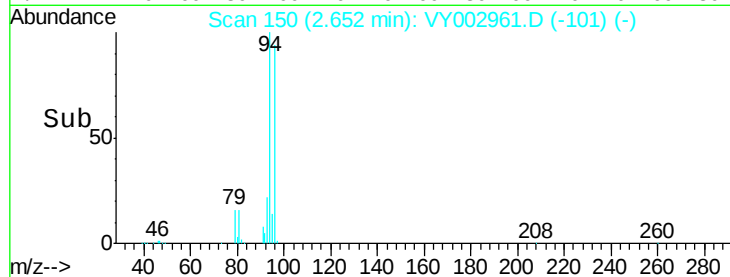
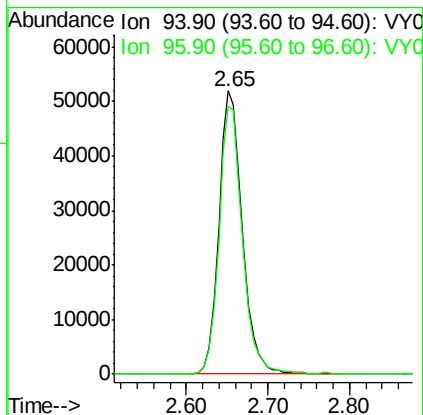
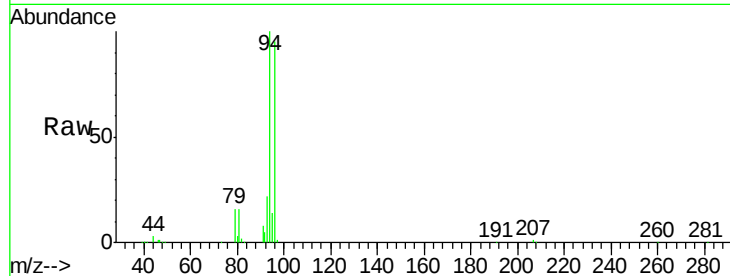
Ion Ratio Lower Upper

94 100

96 94.4 73.7 110.5

Manual Integrations
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#6

Chloroethane

Concen: 52.512 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002961.D

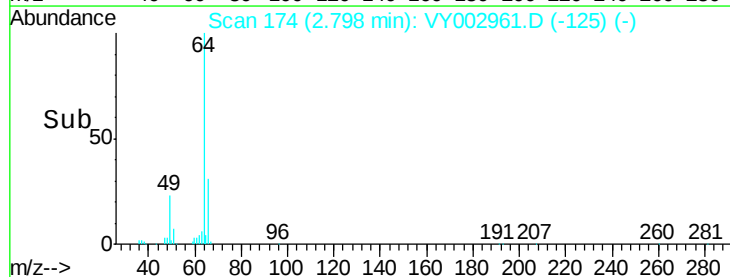
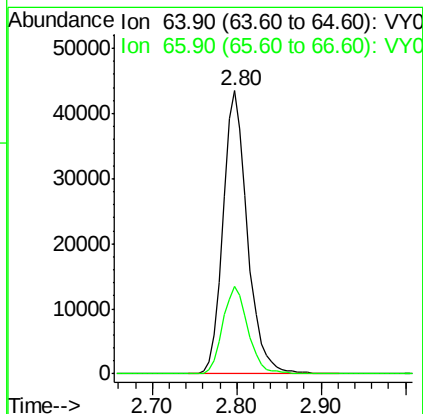
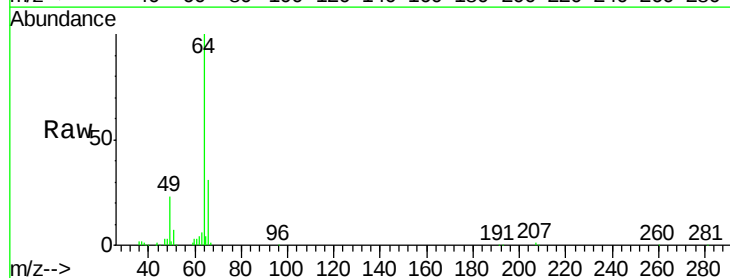
Acq: 20 Jun 2020 00:33

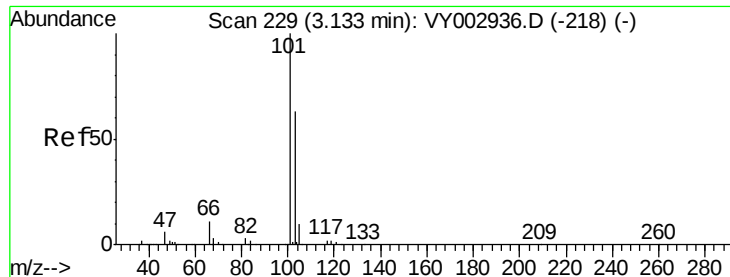
Tgt Ion: 64 Resp: 86103

Ion Ratio Lower Upper

64 100

66 30.9 27.0 40.6





#7

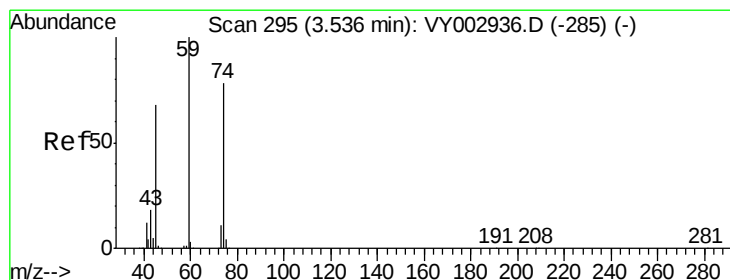
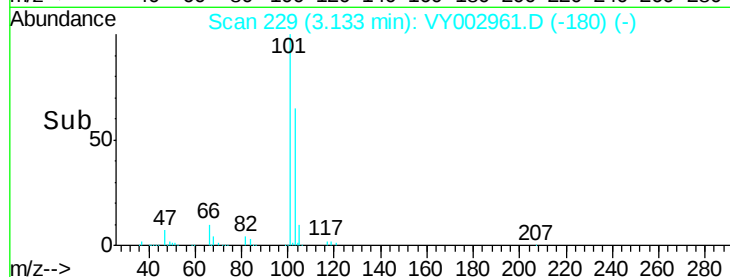
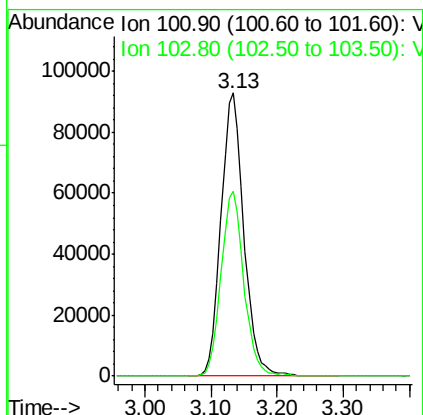
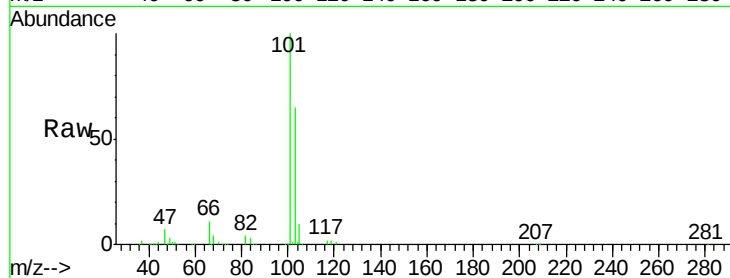
Trichlorofluoromethane
Concen: 48.851 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.00 min
Lab File: VY002961.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		222384		
103	65.1	50.6	76.0		

Manual Integrations
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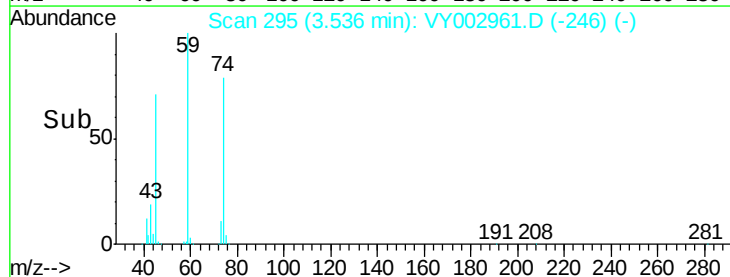
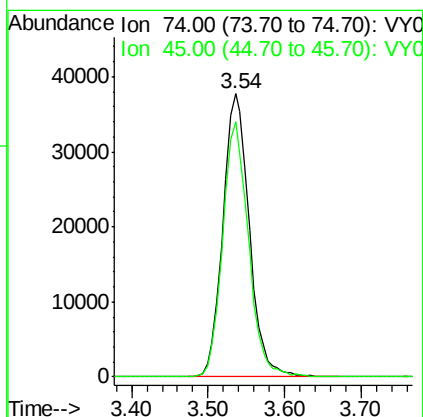
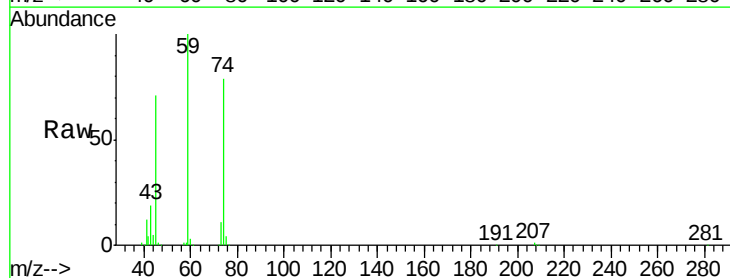
MMDadoda
6/22/2020 2:07:18 PM

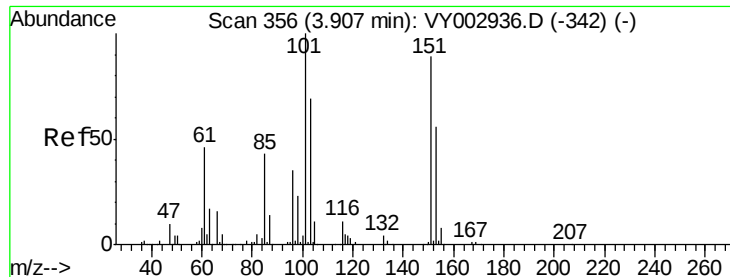


#8

Diethyl Ether
Concen: 54.753 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		89935		
45	88.6	43.7	131.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.238 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

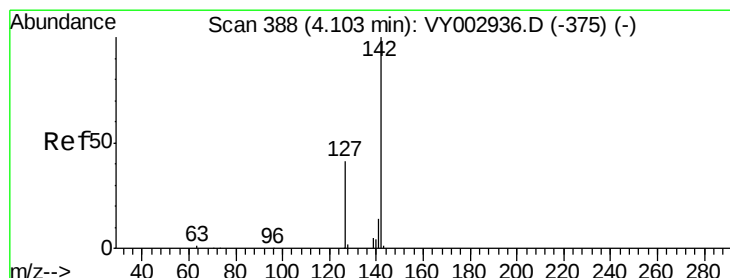
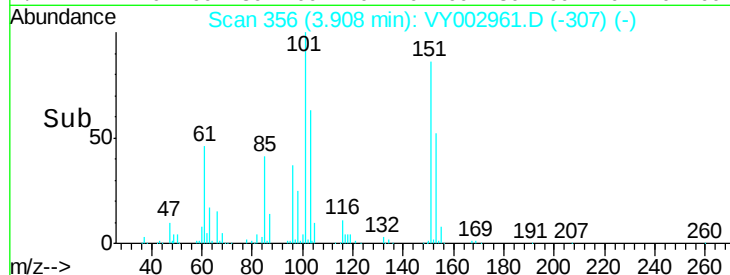
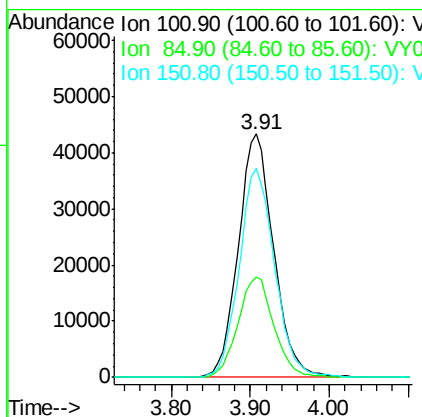
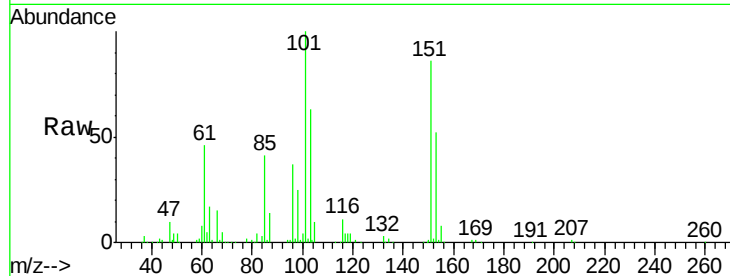
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	134994
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.6	50.4
151	86.6	70.4	105.6

Manual Integrations
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#10

Methyl Iodide

Concen: 49.318 ug/l

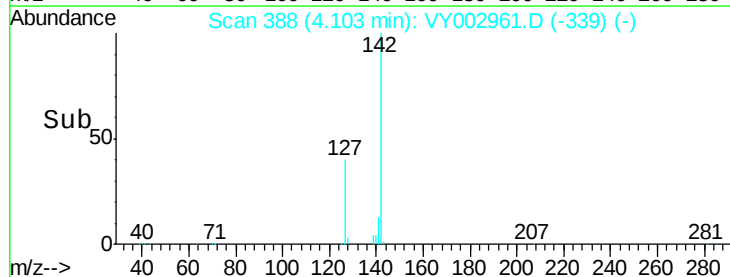
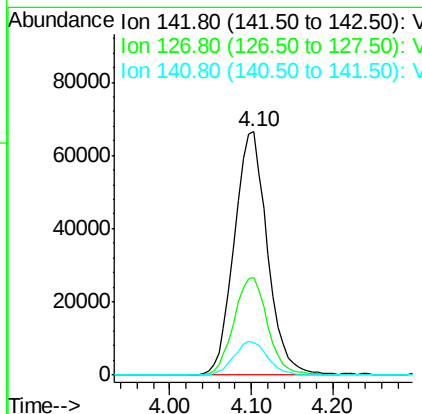
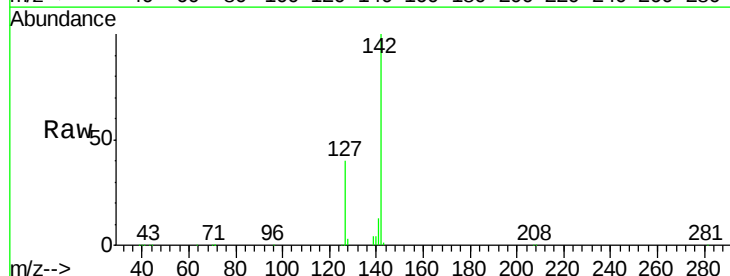
RT: 4.10 min Scan# 388

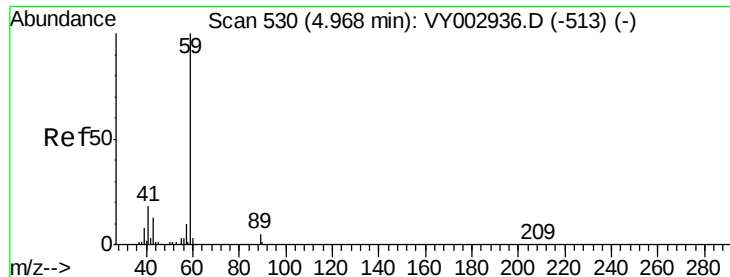
Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Tgt Ion:	142	Resp:	187197
Ion Ratio	Lower	Upper	
142	100		
127	41.0	32.9	49.3
141	14.1	11.3	16.9





#11

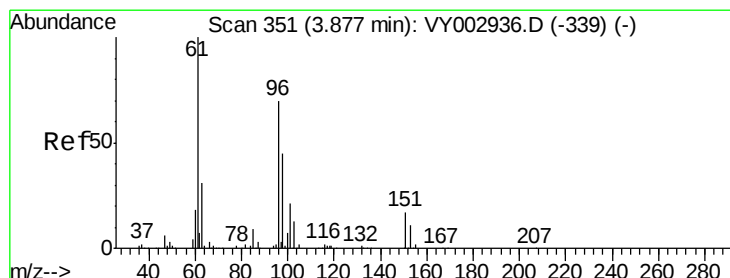
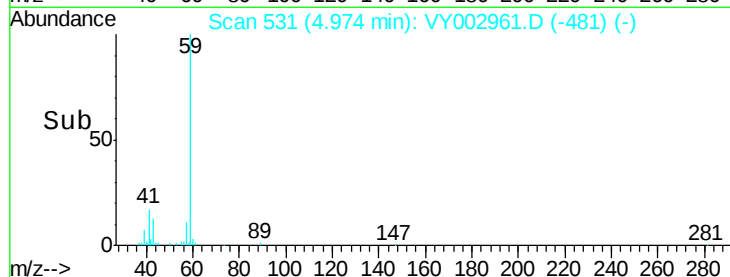
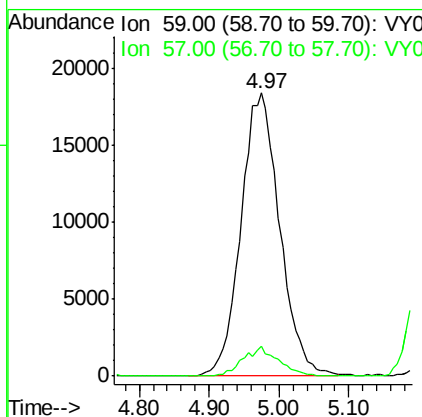
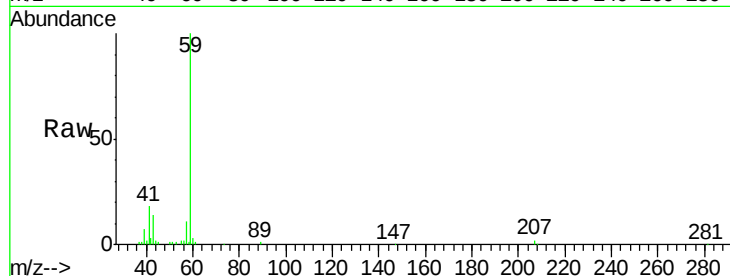
Tert butyl alcohol
 Concen: 242.301 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	70777
Ion Ratio	100	Lower	Upper
57	9.5	7.4	11.2

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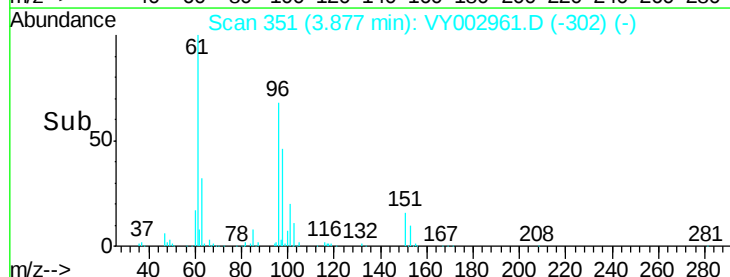
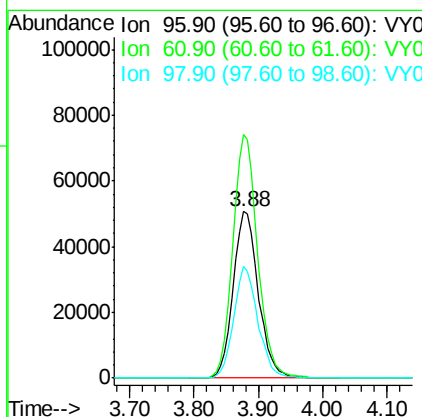
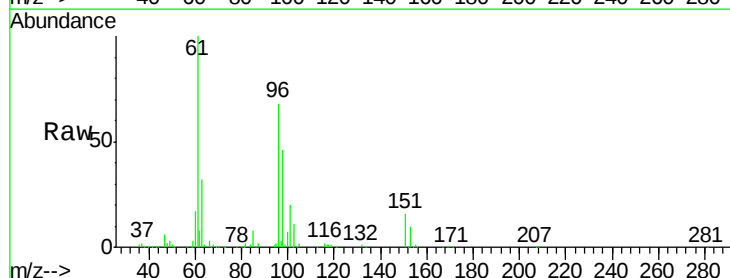
MMDadoda
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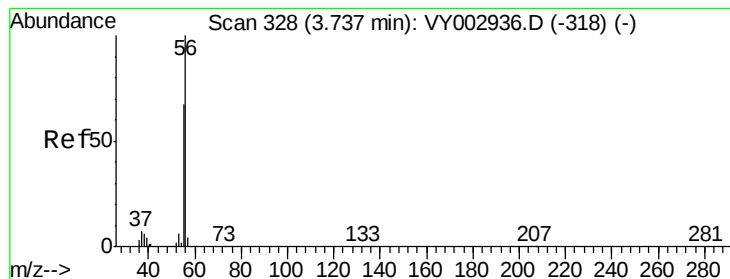


#12

1,1-Dichloroethene
 Concen: 50.833 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion	96	Resp	138202
Ion Ratio	100	Lower	Upper
61	146.1	114.6	172.0
98	67.4	51.4	77.0





#13

Acrolein

Concen: 254.510 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 68887

Ion Ratio Lower Upper

56 100

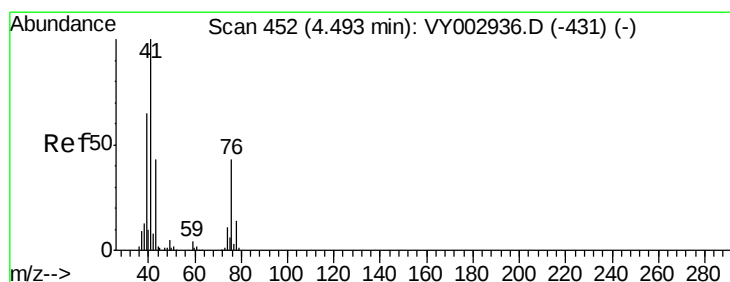
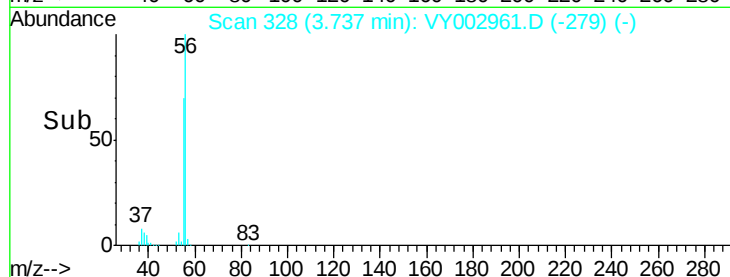
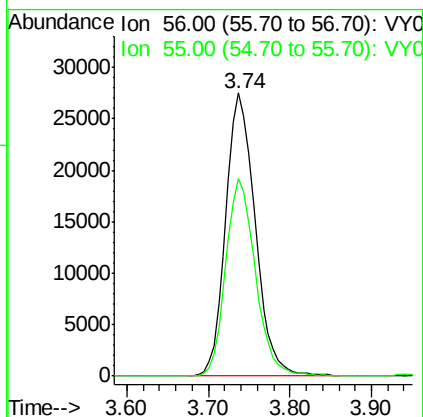
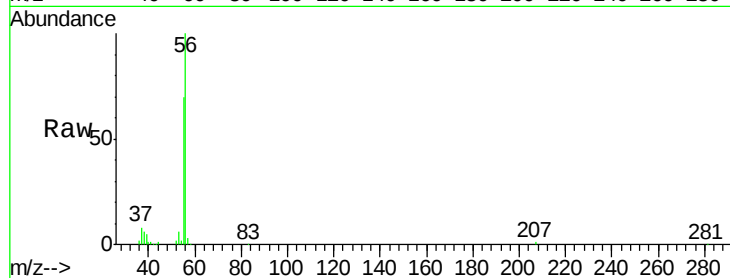
55 70.1 55.3 82.9

Manual Integrations

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#14

Allyl chloride

Concen: 52.568 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

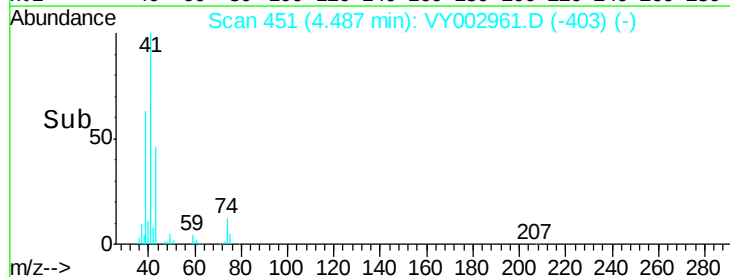
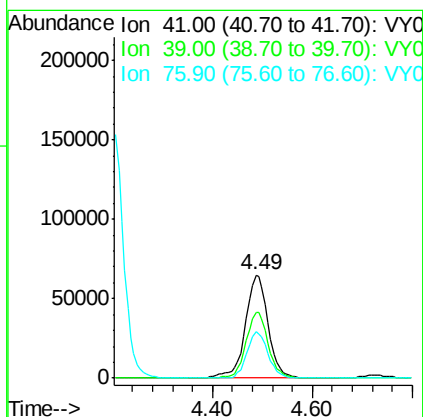
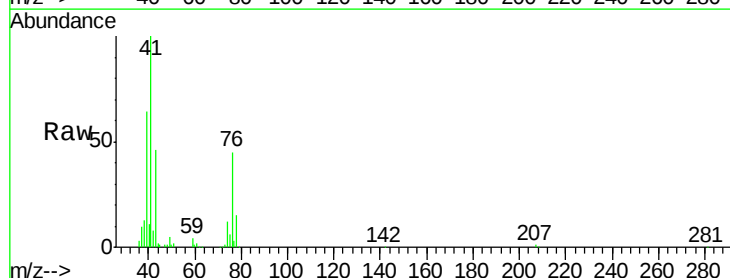
Tgt Ion: 41 Resp: 206139

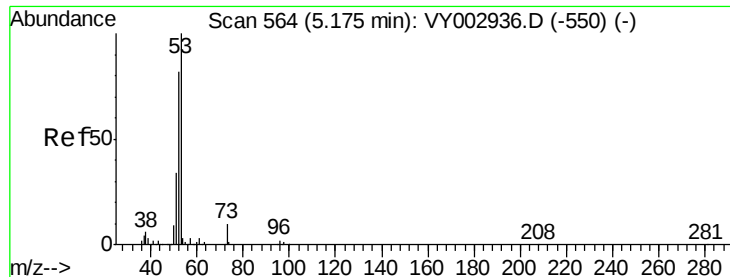
Ion Ratio Lower Upper

41 100

39 61.9 50.0 75.0

76 41.3 33.3 49.9





#15

Acrylonitrile

Concen: 270.476 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

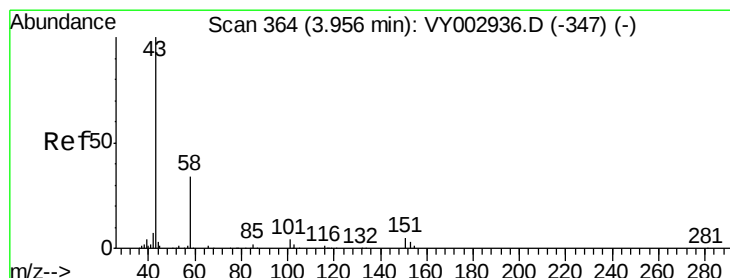
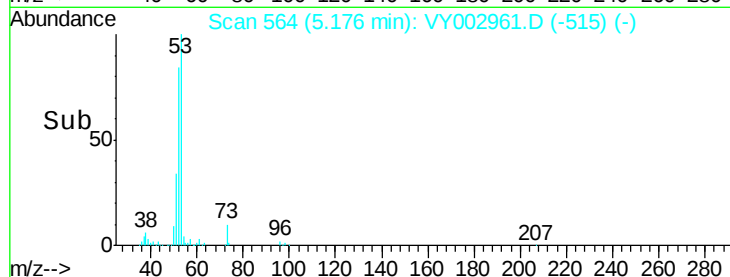
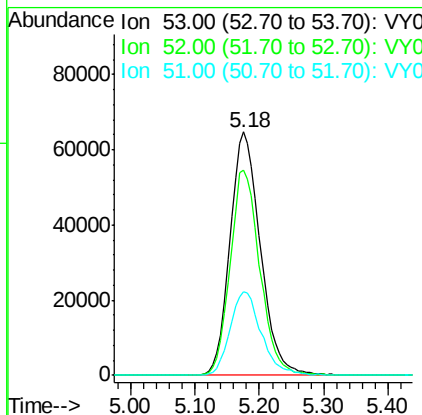
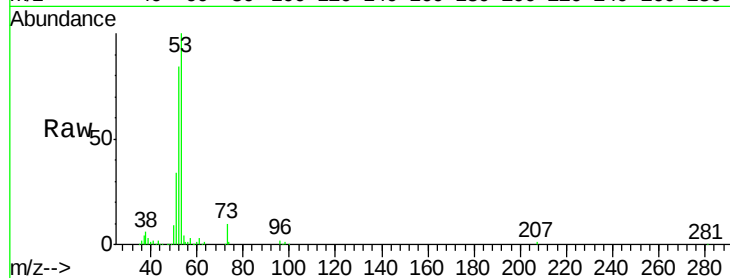
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	213072
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.7	98.5
51	35.5	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 226.300 ug/l

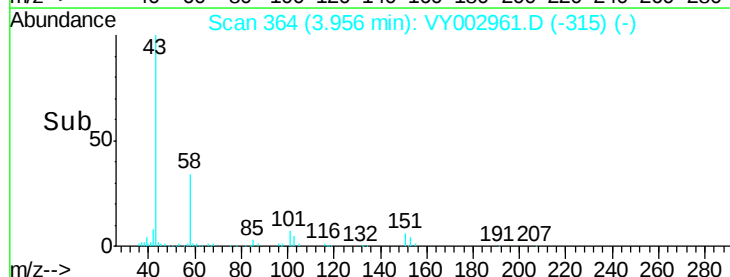
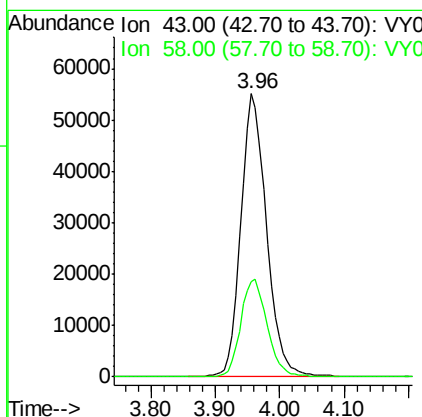
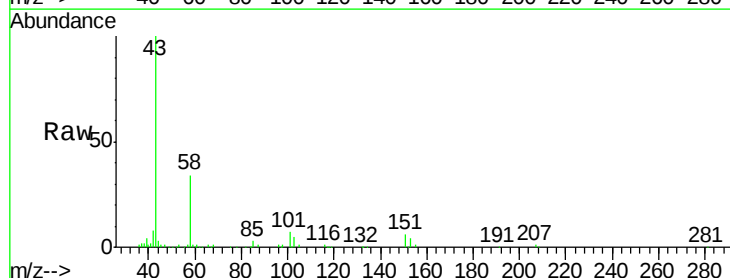
RT: 3.96 min Scan# 364

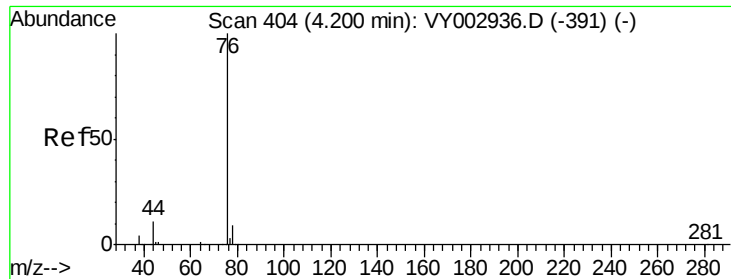
Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Tgt Ion:	43	Resp:	151011
Ion	Ratio	Lower	Upper
43	100		
58	33.4	27.3	40.9





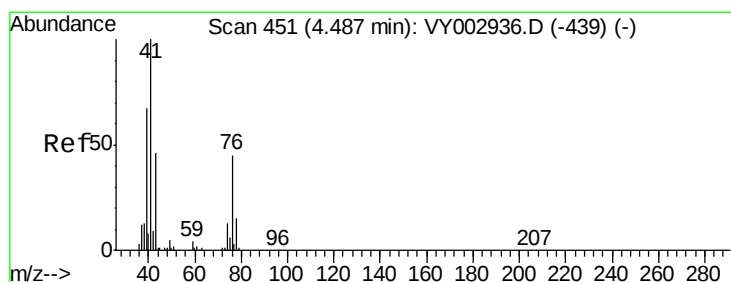
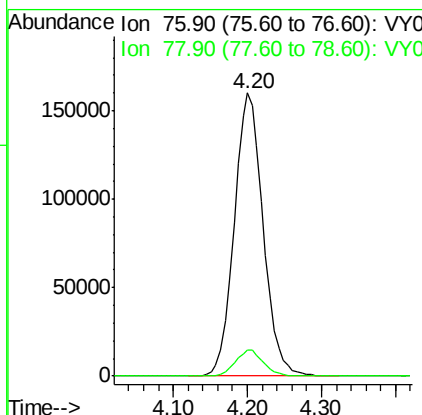
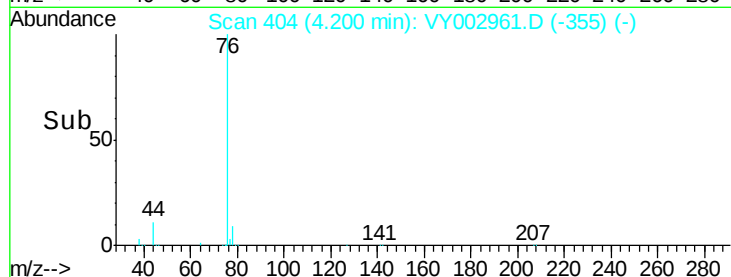
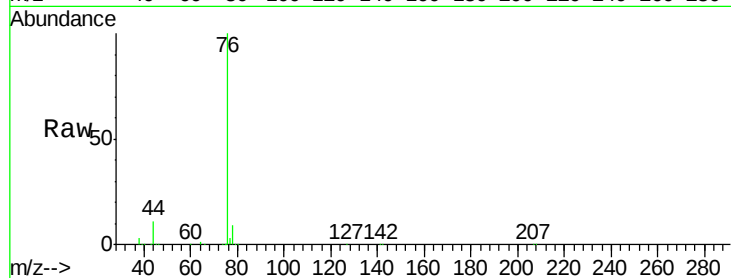
#17
Carbon Disulfide
Concen: 54.006 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

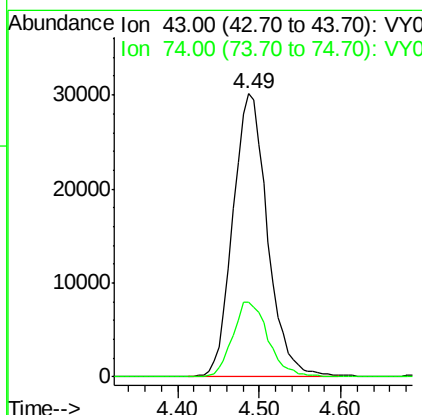
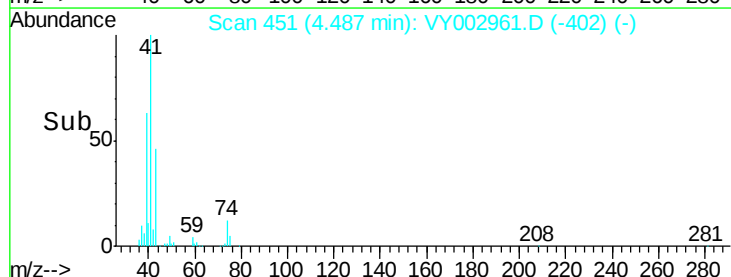
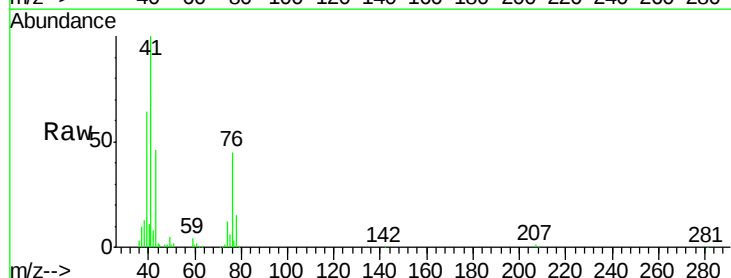
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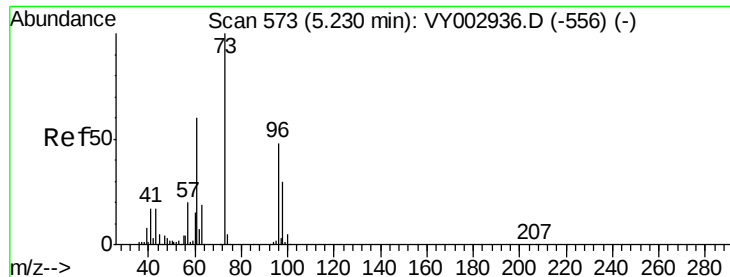
MMDadoda
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#18
Methyl Acetate
Concen: 52.522 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.2	21.1	31.7





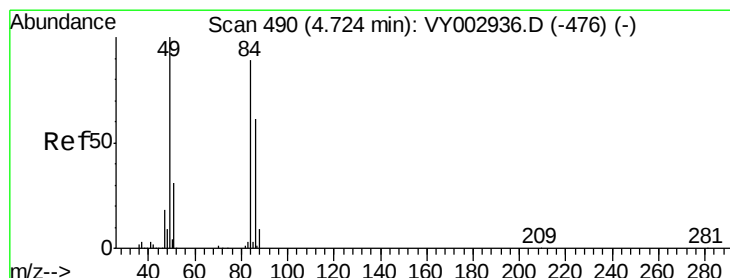
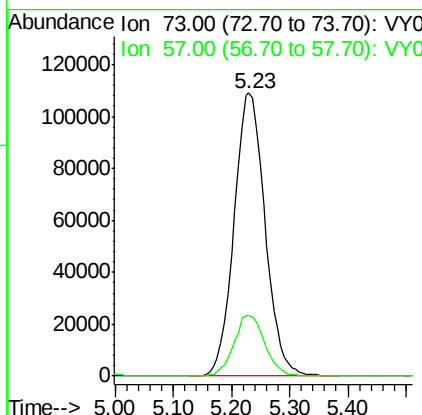
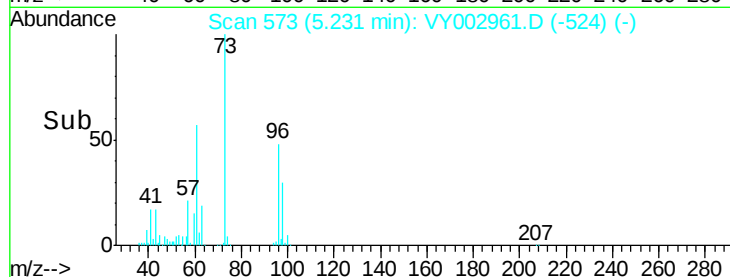
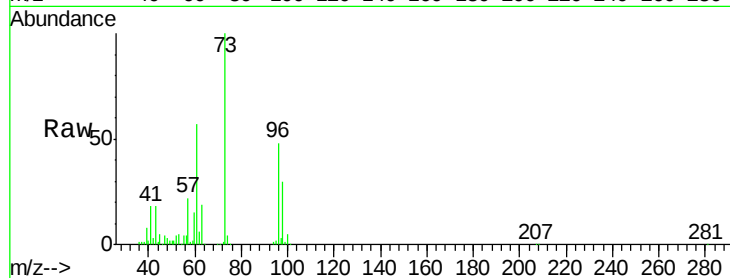
#19
Methvl tert-butvl Ether
Concen: 54.461 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 403276
Ion Ratio Lower Upper
73 100
57 21.6 16.4 24.6

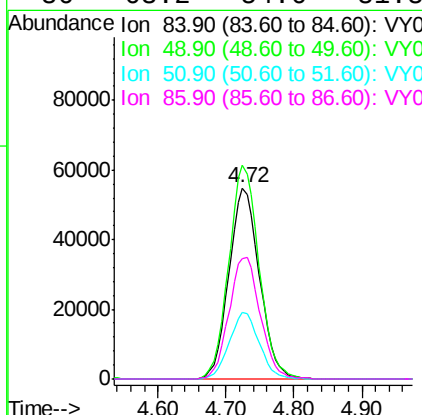
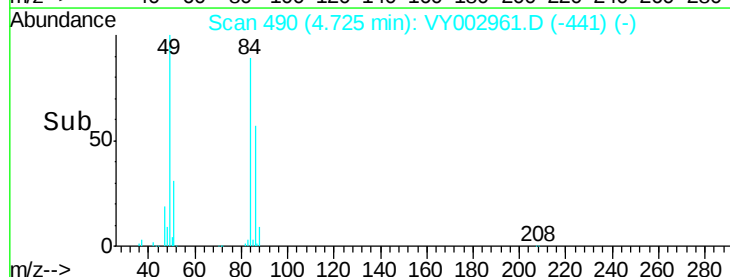
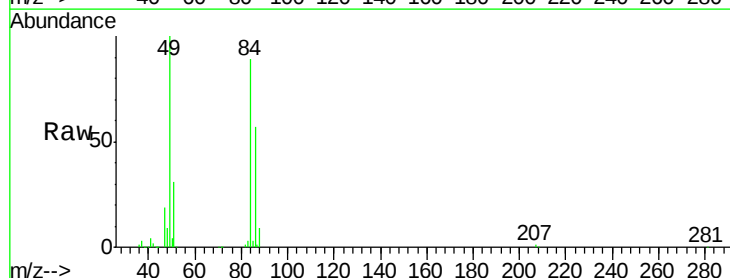
Manual Integrations
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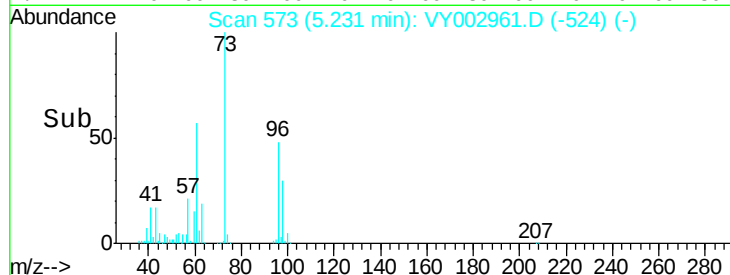
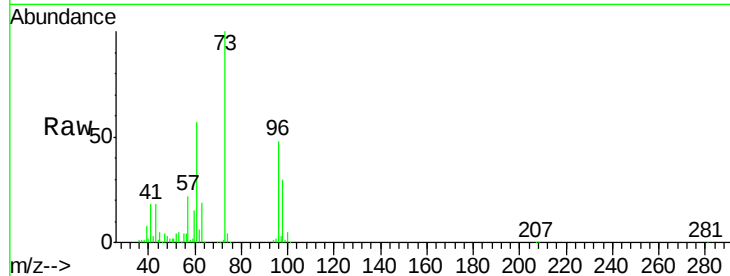
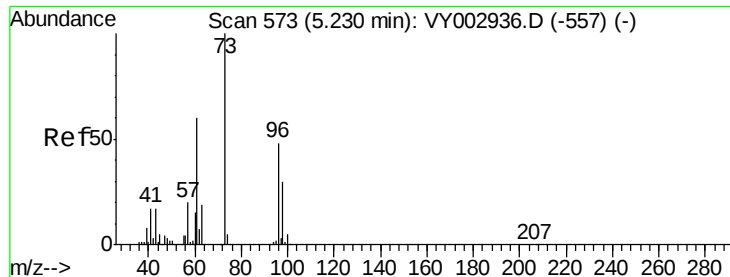
MMDadoda
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#20
Methylene Chloride
Concen: 53.131 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion: 84 Resp: 170616
Ion Ratio Lower Upper
84 100
49 111.8 90.0 135.0
51 34.5 27.9 41.9
86 63.2 54.6 81.8





#21

trans-1,2-Dichloroethene

Concen: 53.351 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Tot Ion:	96	Resp:	161043
Ion	Ratio	Lower	Upper
96	100		
61	118.4	100.6	150.8
98	62.7	49.8	74.8

Instrument :

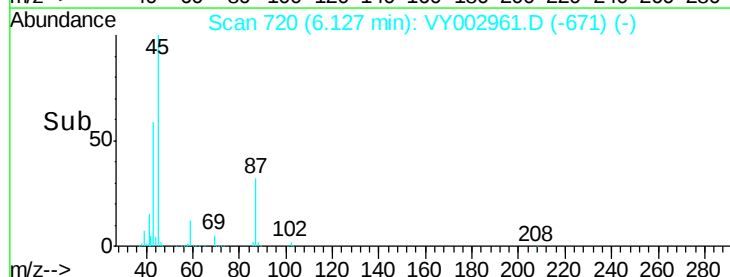
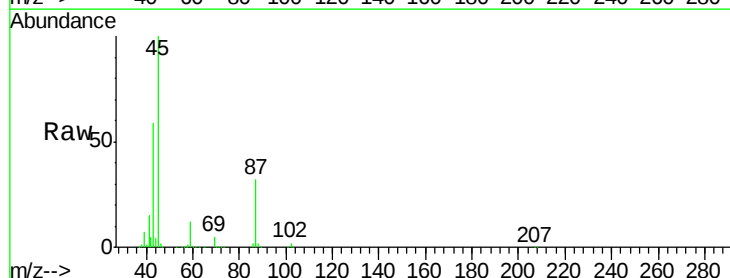
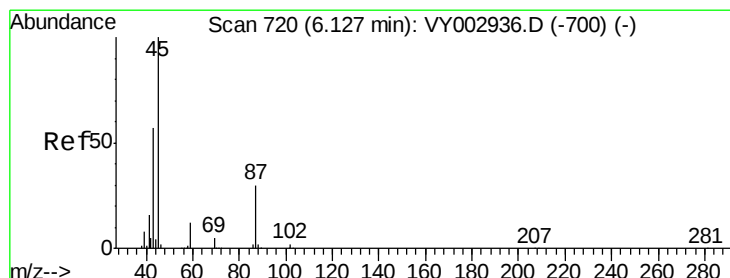
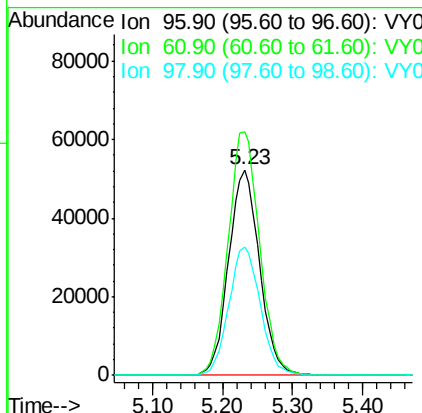
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

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#22

Diisopropyl ether

Concen: 54.114 ug/l

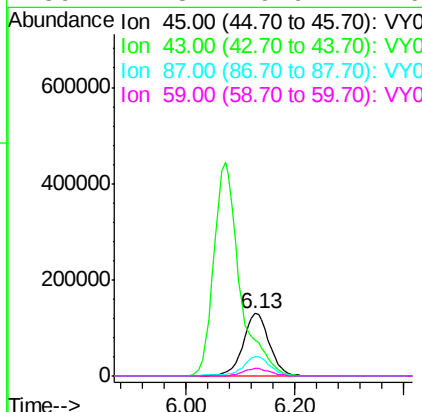
RT: 6.13 min Scan# 720

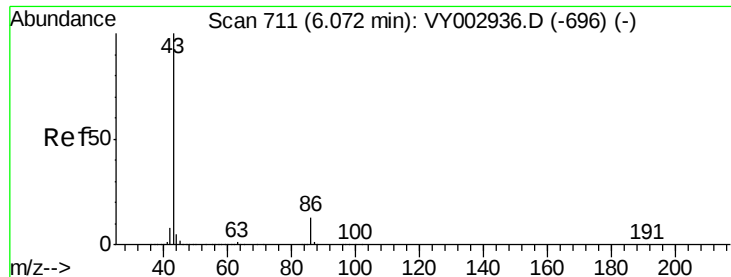
Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Tgt Ion:	45	Resp:	433230
Ion	Ratio	Lower	Upper
45	100		
43	58.4	46.2	69.2
87	31.8	24.9	37.3
59	11.8	9.9	14.9





#23

Vinyl Acetate

Concen: 283.353 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1467383

Ion Ratio Lower Upper

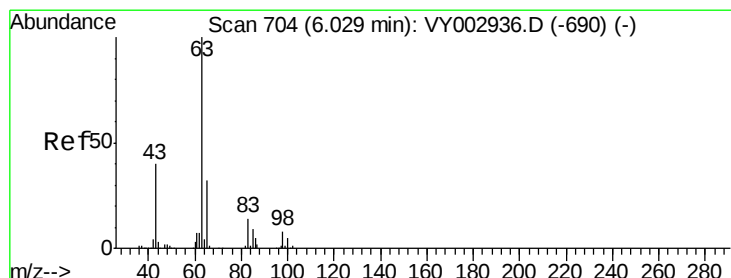
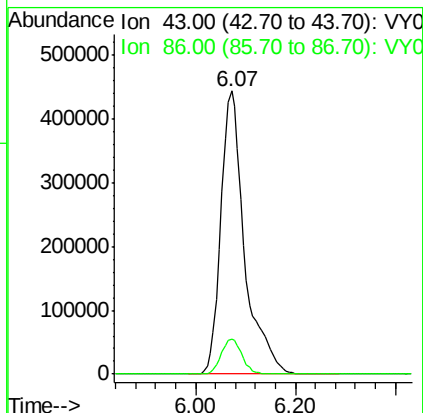
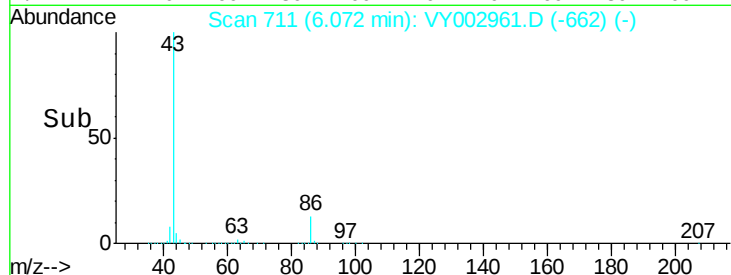
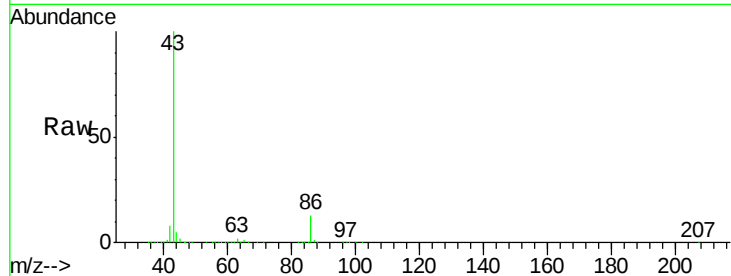
43 100

86 12.6 10.6 15.8

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 53.361 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

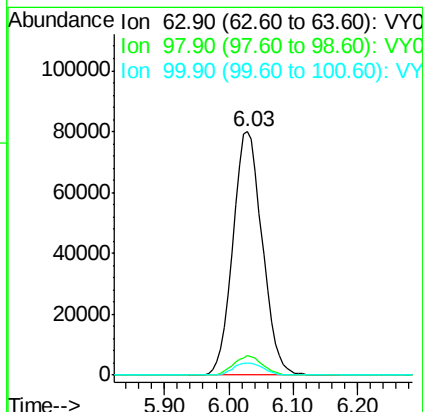
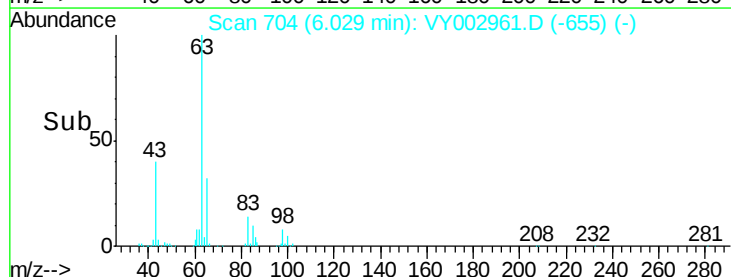
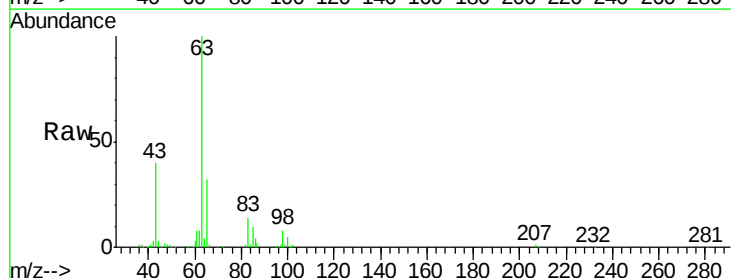
Tgt Ion: 63 Resp: 253082

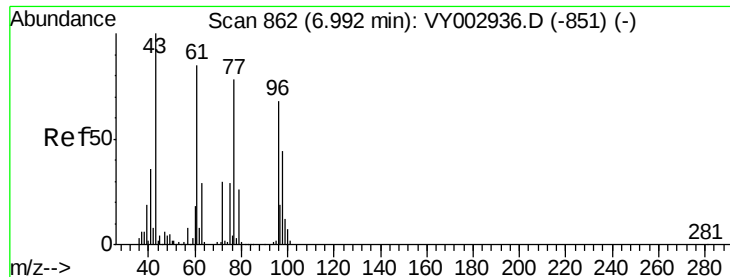
Ion Ratio Lower Upper

63 100

98 8.0 4.0 12.0

100 5.1 2.5 7.6





#25

2-Butanone

Concen: 255.189 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 255174

Ion Ratio Lower Upper

43 100

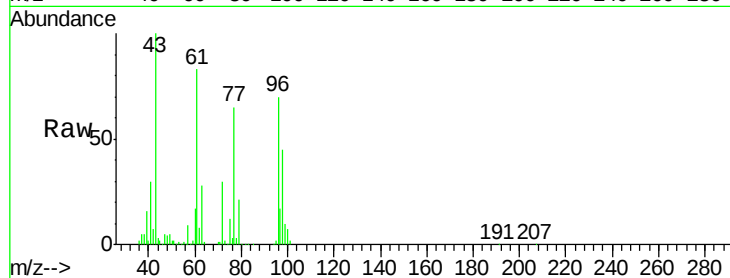
72 30.0 24.2 36.4

Manual Integrations

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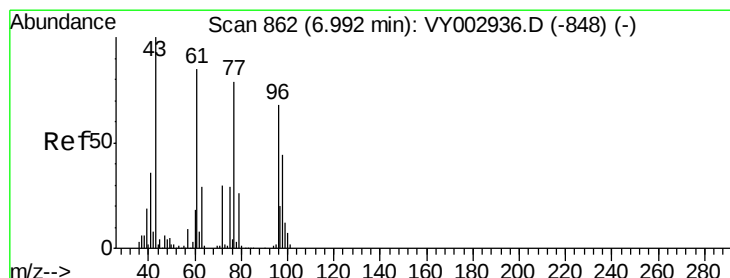
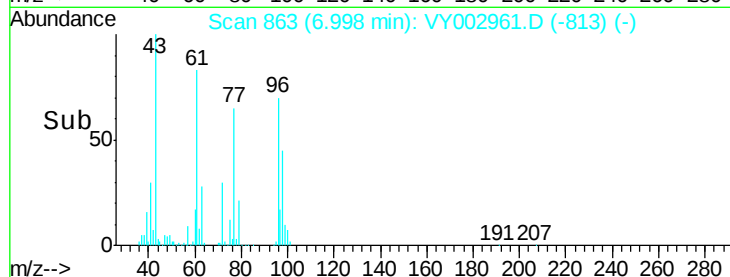
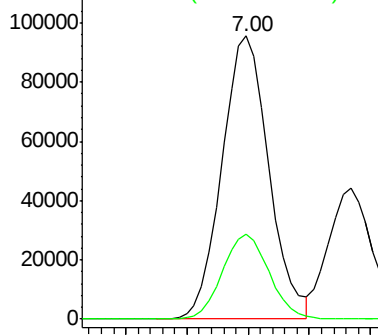
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 45.444 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002961.D

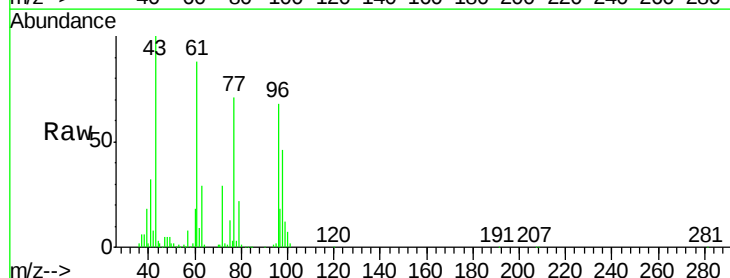
Acq: 20 Jun 2020 00:33

Tgt Ion: 77 Resp: 201301

Ion Ratio Lower Upper

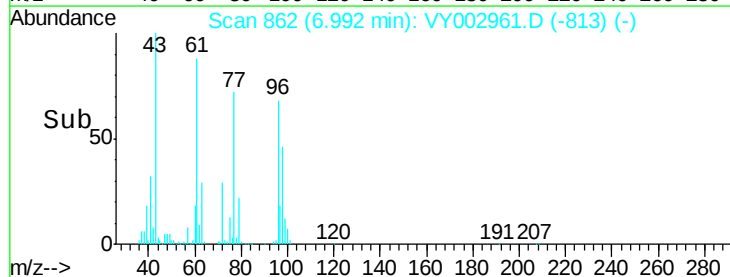
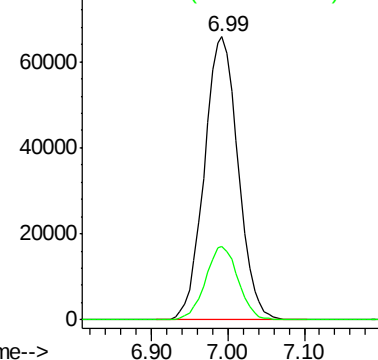
77 100

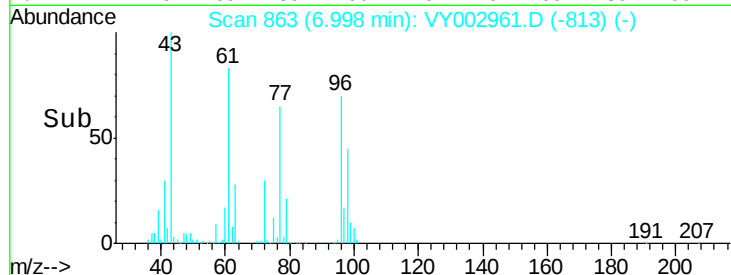
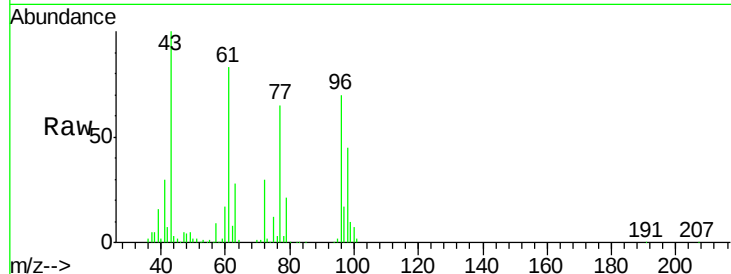
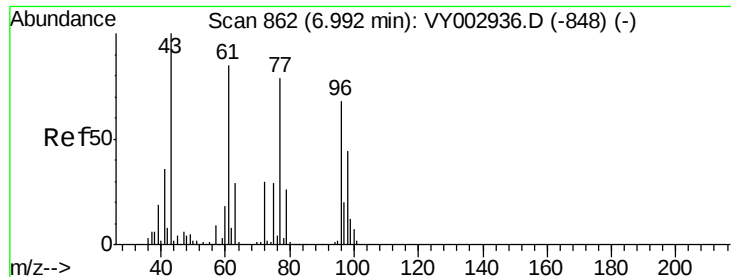
97 25.1 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





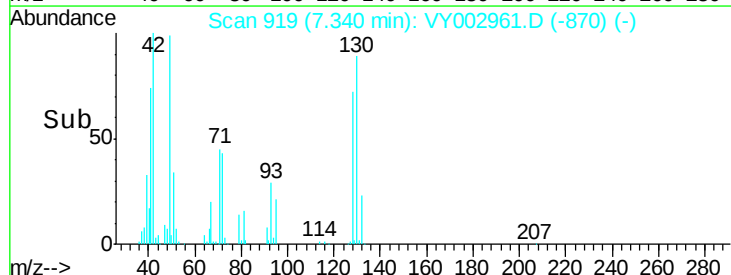
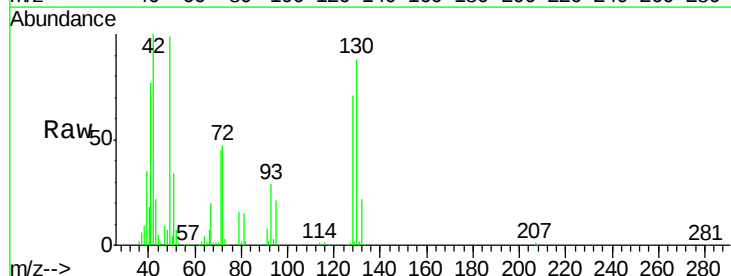
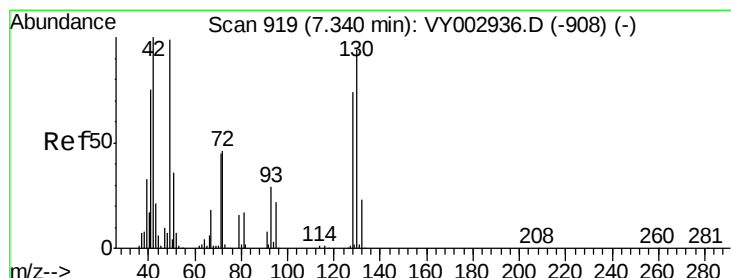
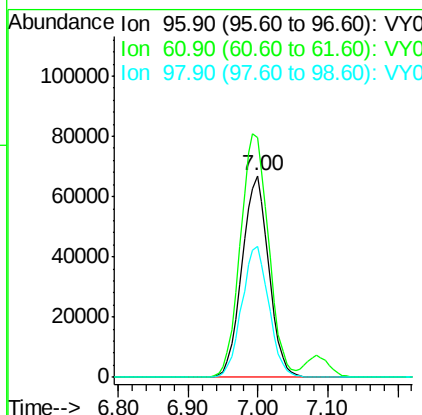
#27
 cis-1,2-Dichloroethene
 Concen: 52.764 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	127.2	0.0	257.0	
98	65.6	0.0	129.8	

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

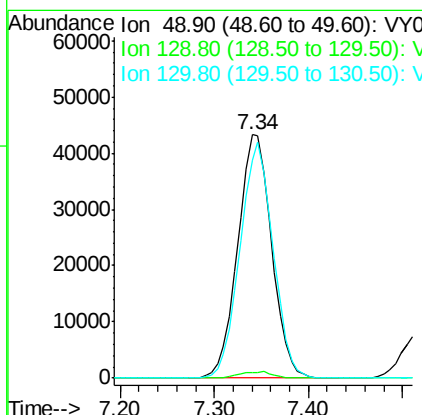
Manual Integrations
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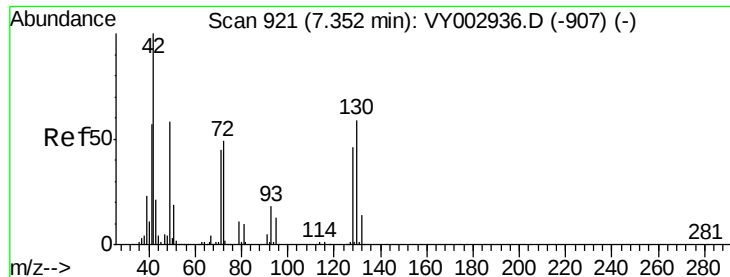
MMDadoda
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#28
 Bromochloromethane
 Concen: 55.046 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	5.0	
130	94.4	78.4	117.6	





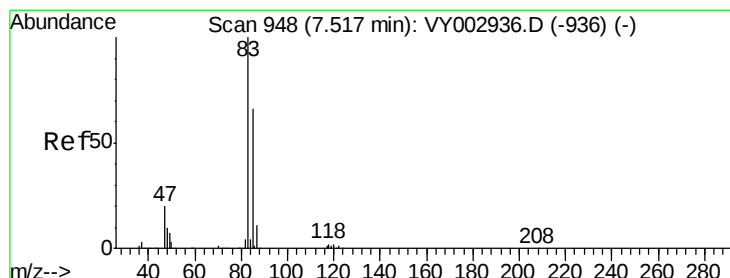
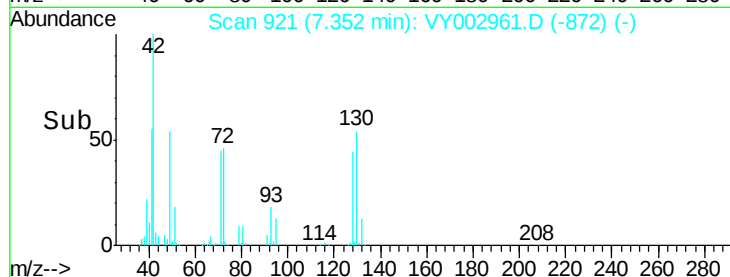
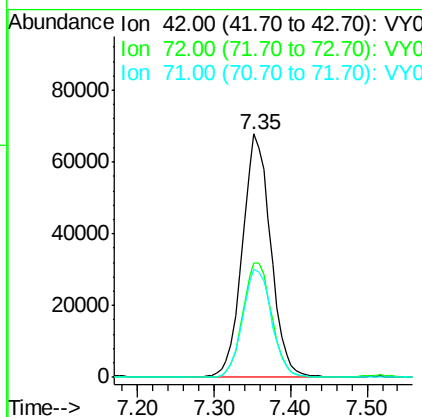
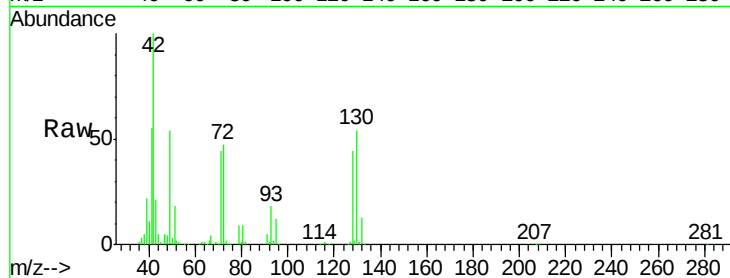
#29
Tetrahydrofuran
Concen: 270.607 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.9	39.1	58.7
71	45.6	36.4	54.6

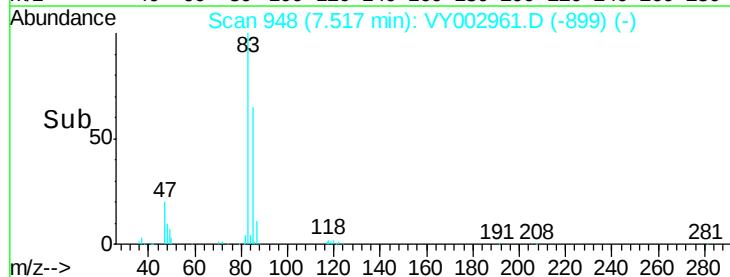
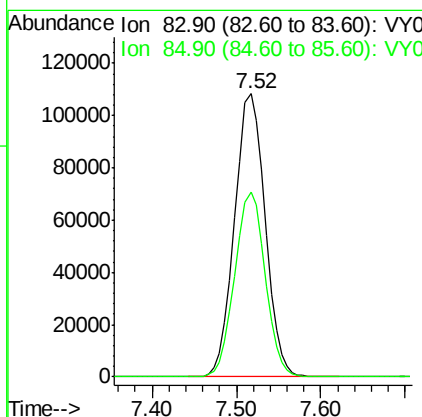
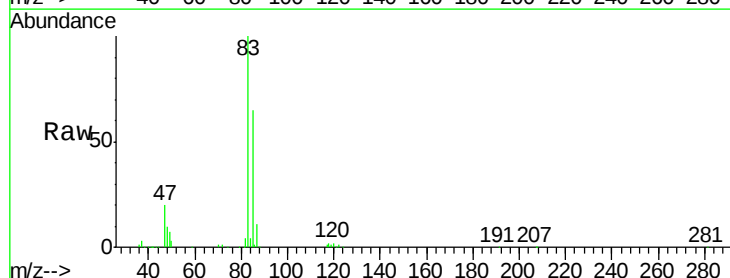
Manual Integrations
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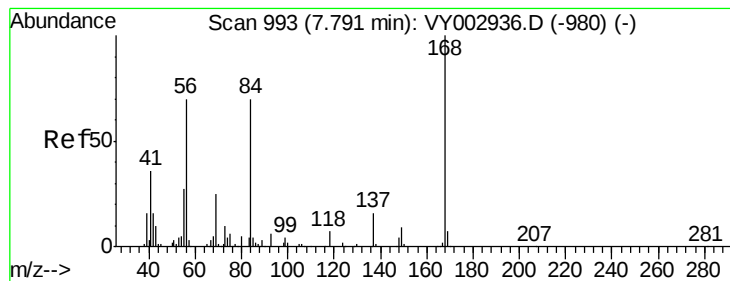
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#30
Chloroform
Concen: 53.542 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	53.1	79.7





#31

Cyclohexane

Concen: 48.433 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

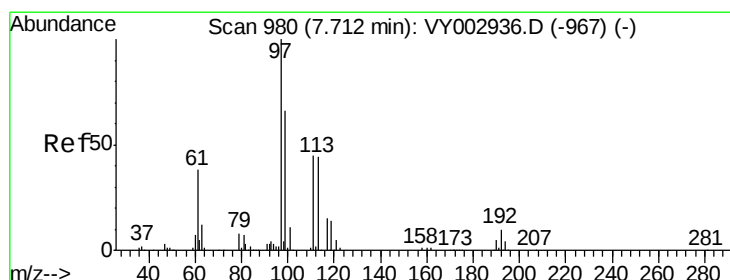
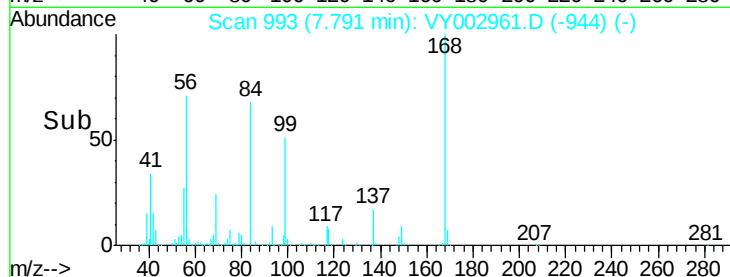
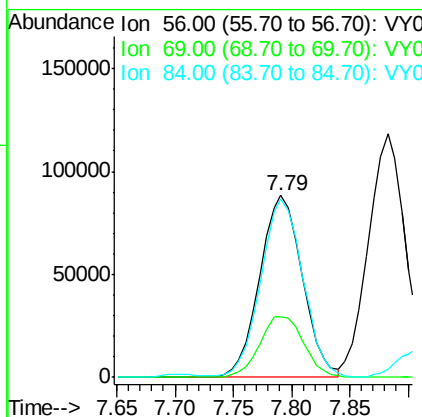
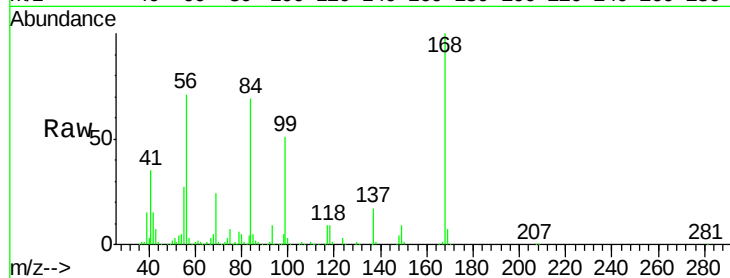
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	224066
Ion	Ratio	Lower	Upper
56	100		
69	33.6	28.9	43.3
84	96.7	80.1	120.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.354 ug/l

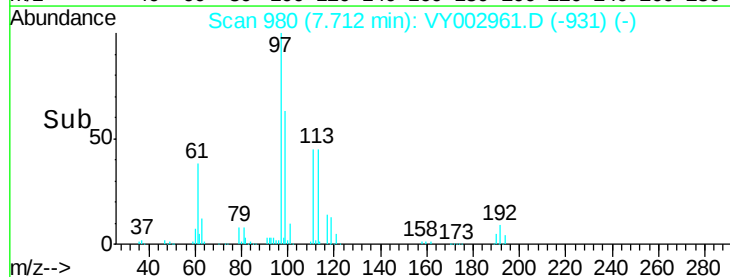
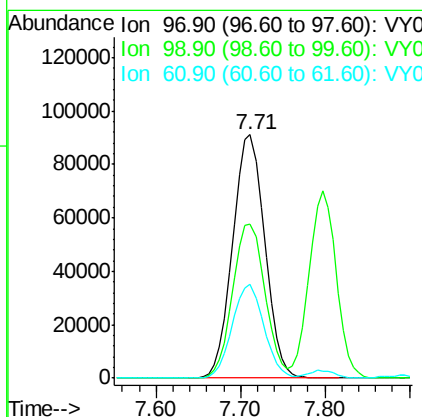
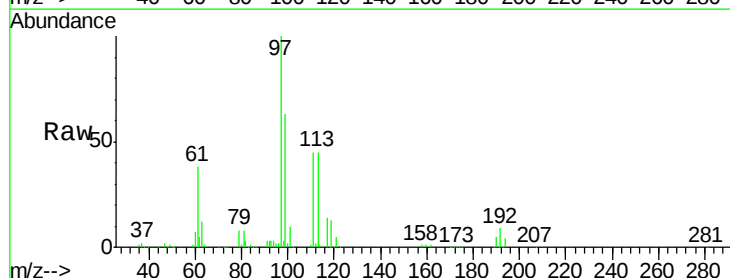
RT: 7.71 min Scan# 980

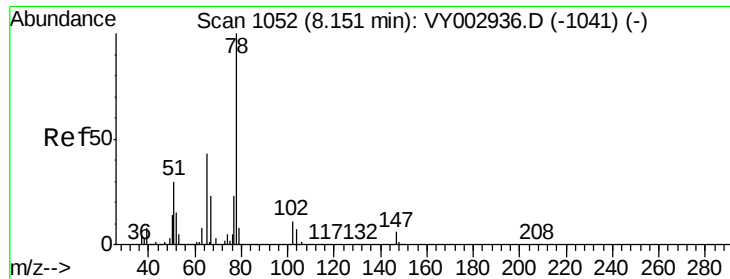
Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Tgt Ion:	97	Resp:	235058
Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.2	78.2
61	38.1	30.3	45.5





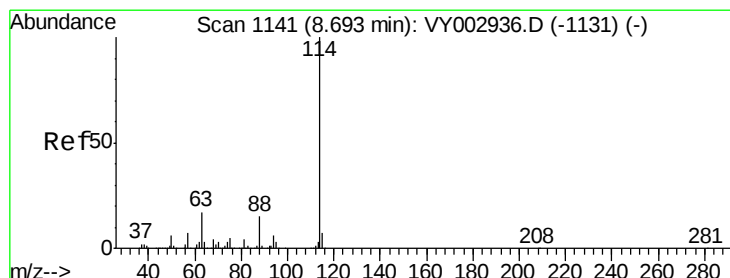
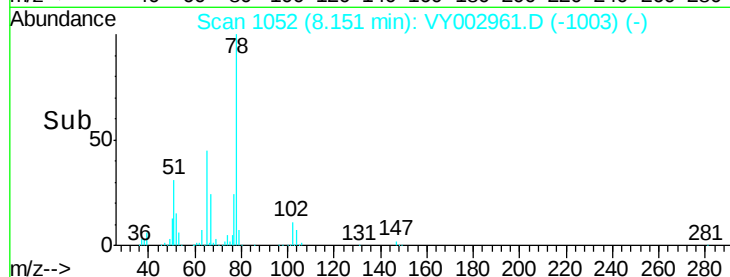
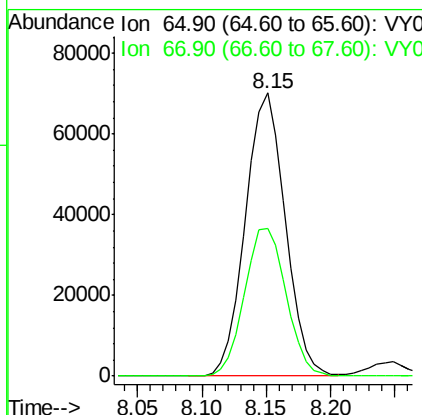
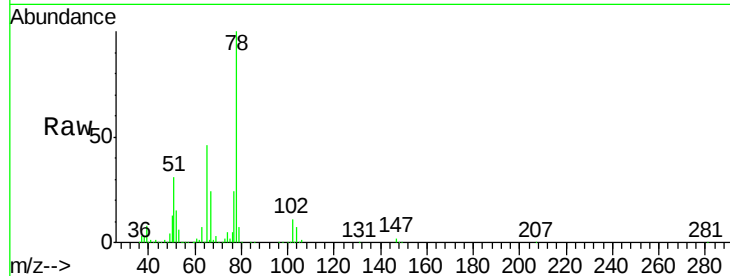
#33
 1,2-Dichloroethane-d4
 Concen: 55.920 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	109.4

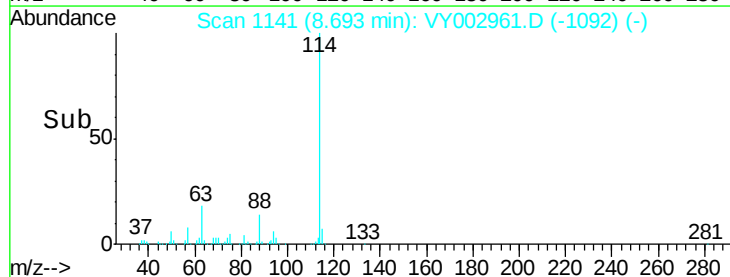
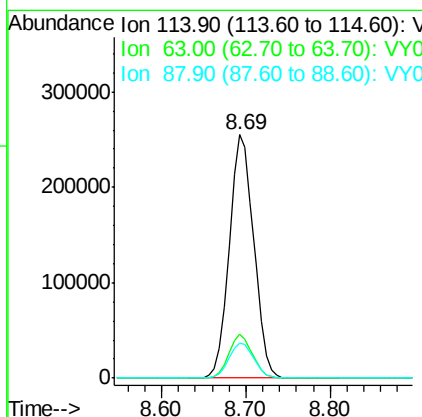
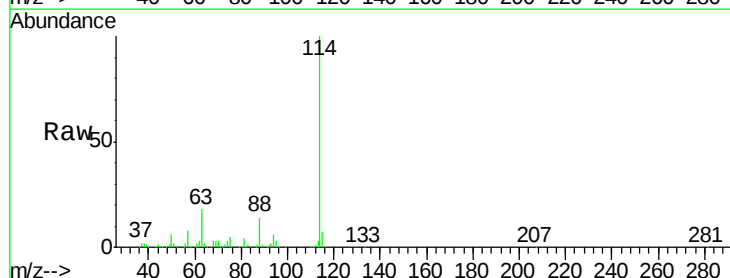
Manual Integrations
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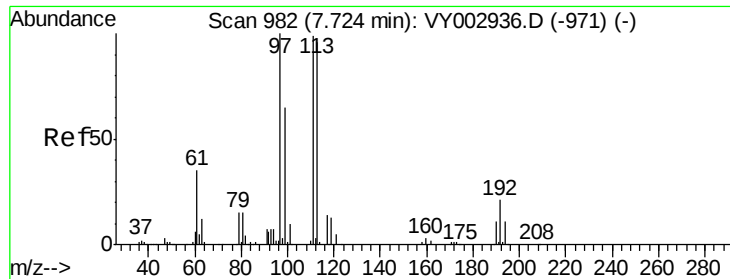
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	34.6
88	14.5	0.0	29.2





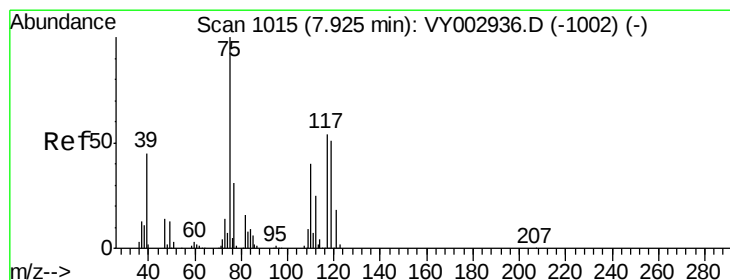
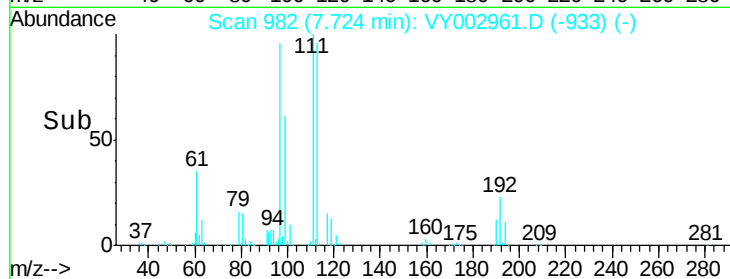
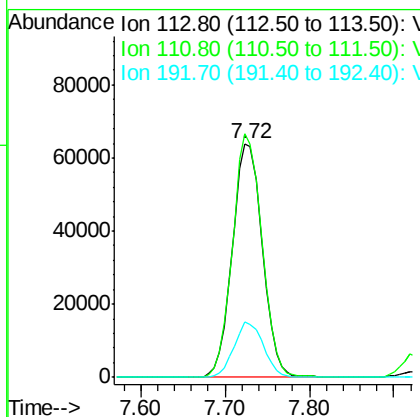
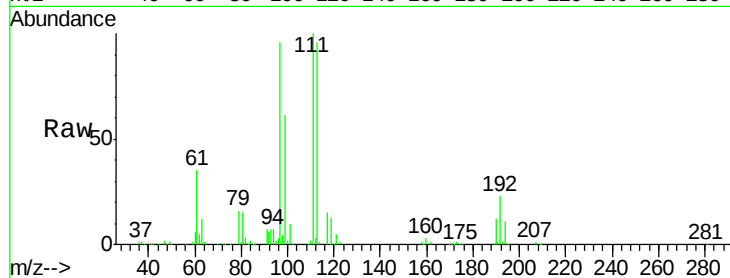
#35
 Dibromofluoromethane
 Concen: 54.292 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.0	81.5	122.3	
192	23.1	19.2	28.8	

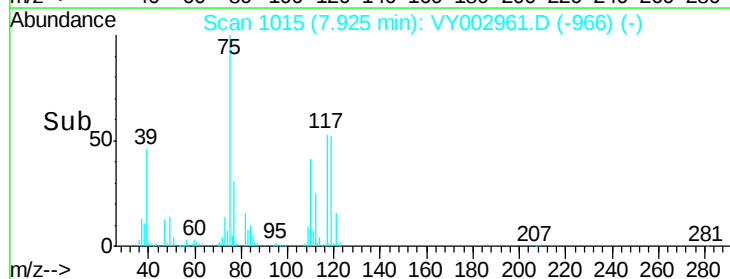
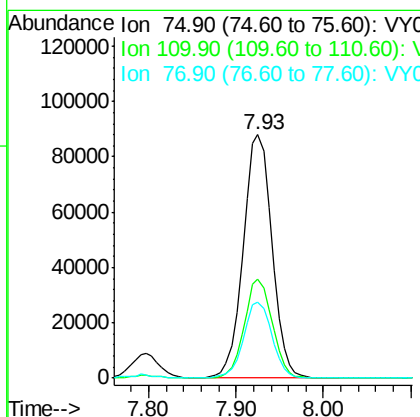
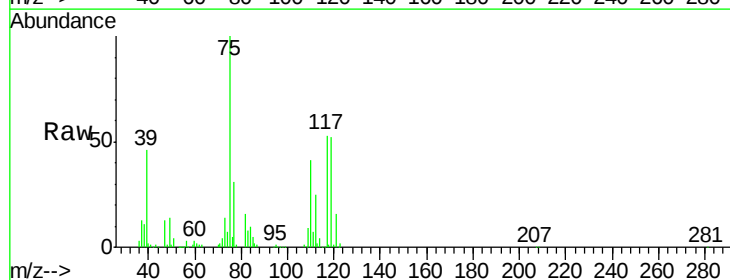
Manual Integrations
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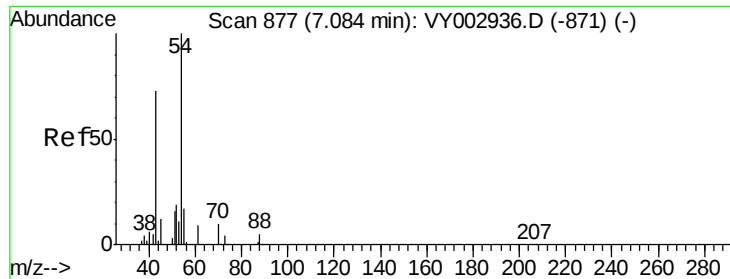
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#36
 1,1-Dichloropropene
 Concen: 49.406 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	39.4	19.7	59.0	
77	30.9	25.0	37.4	





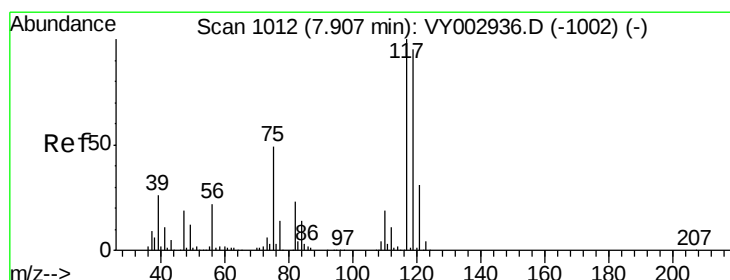
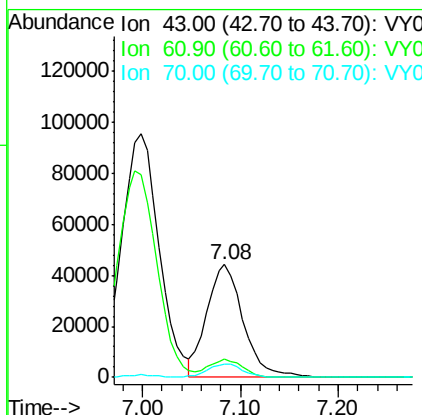
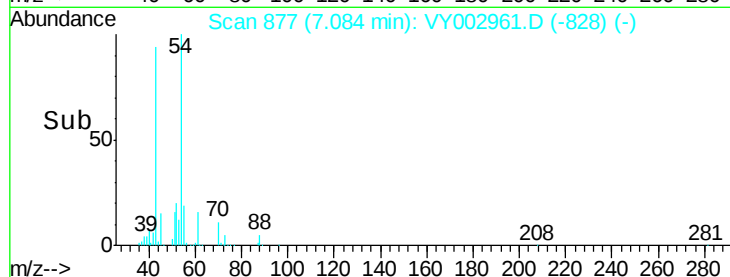
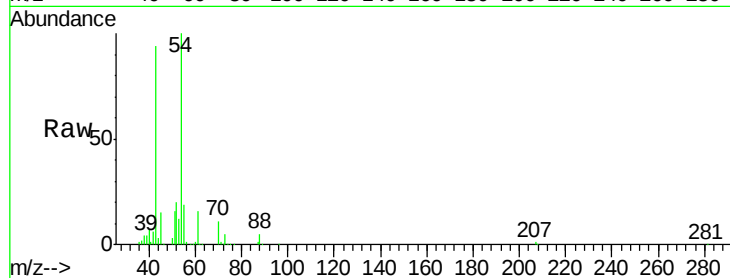
#37
Ethyl Acetate
Concen: 50.339 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.3	18.5
70	12.0	9.7	14.5

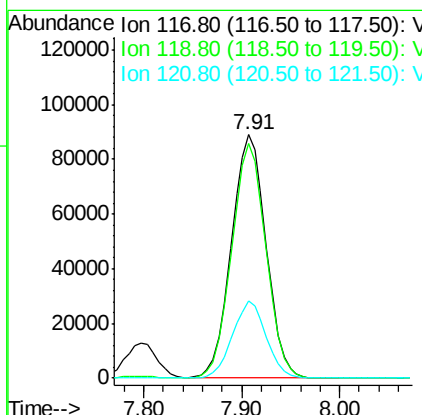
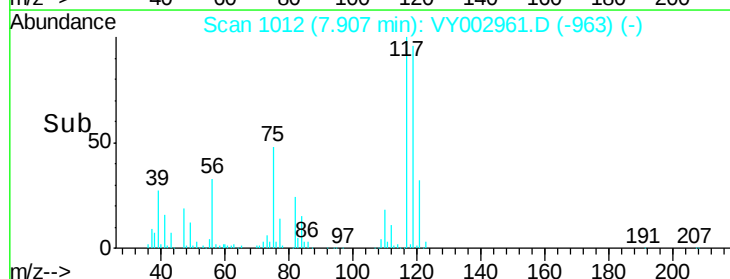
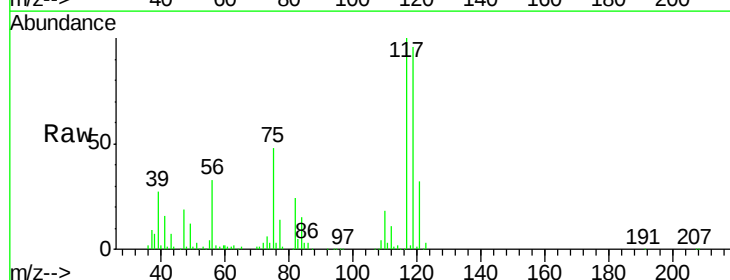
Manual Integrations
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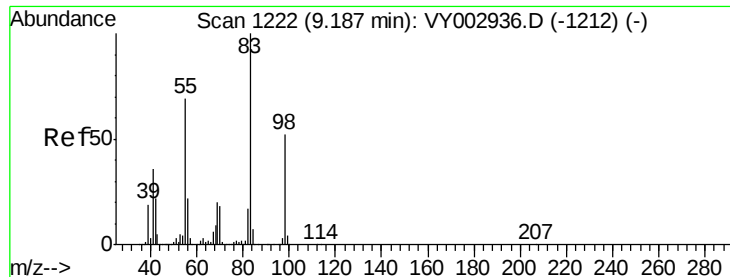
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#38
Carbon Tetrachloride
Concen: 48.616 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.1	114.1
121	31.5	24.8	37.2





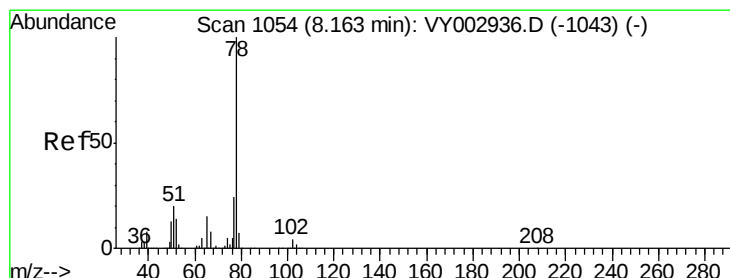
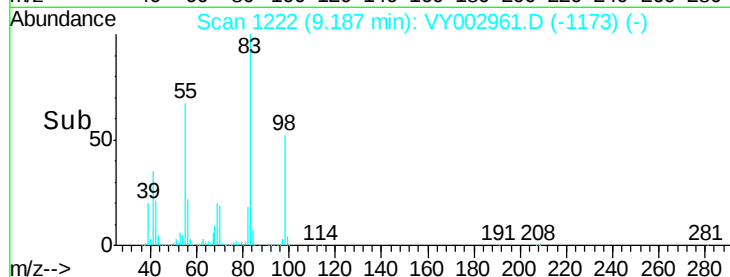
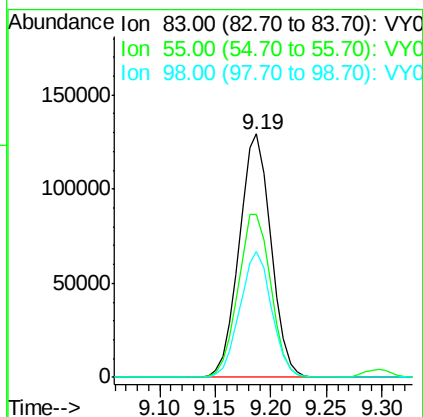
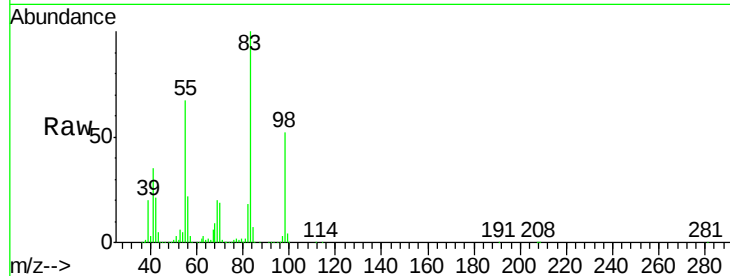
#39
Methvlcvclohexane
Concen: 47.928 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.7	55.0	82.4
98	51.5	41.4	62.2

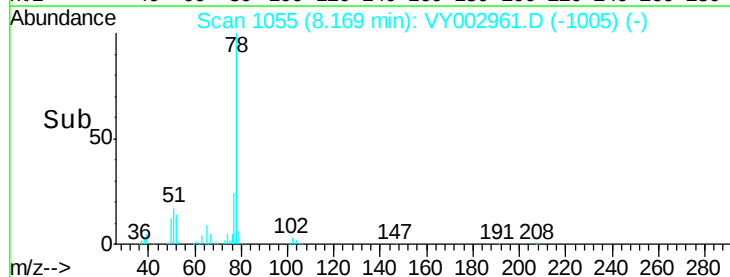
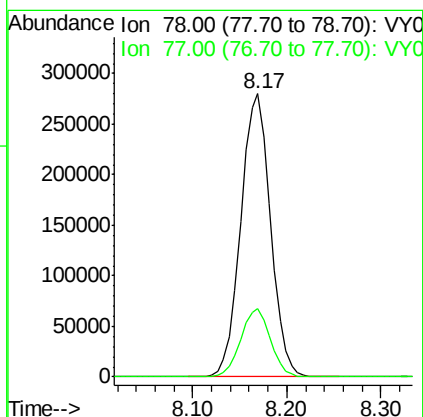
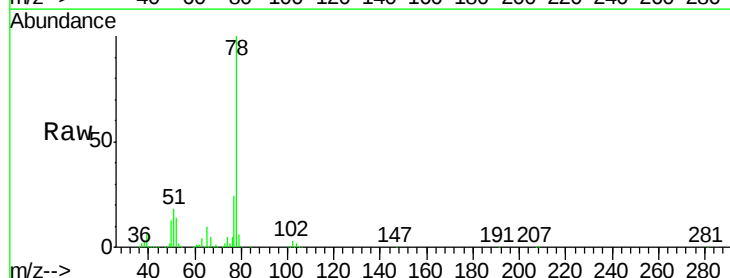
Manual Integrations
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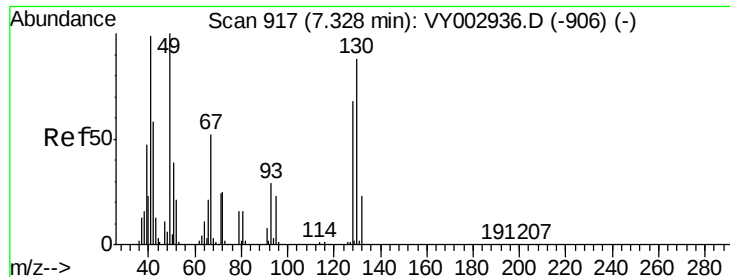
MMDadoda
6/22/2020 2:07:18 PM



#40
Benzene
Concen: 50.953 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9





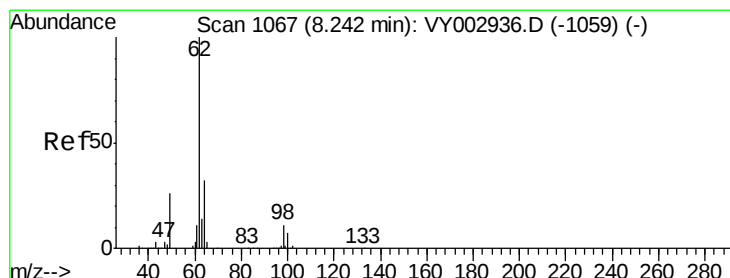
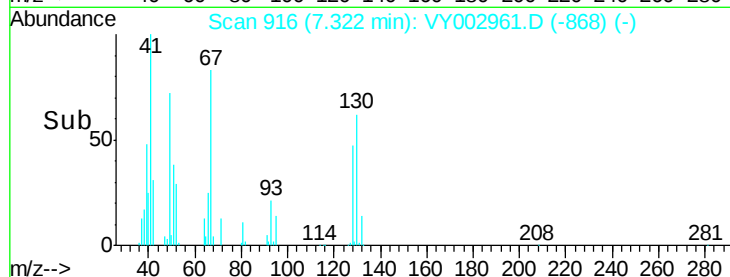
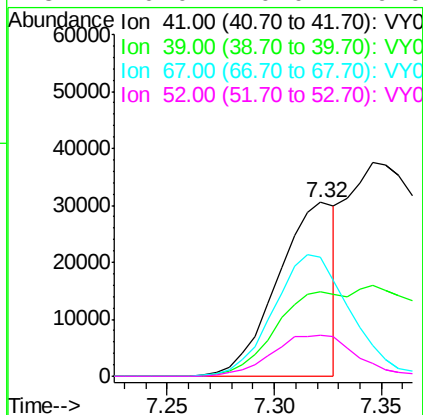
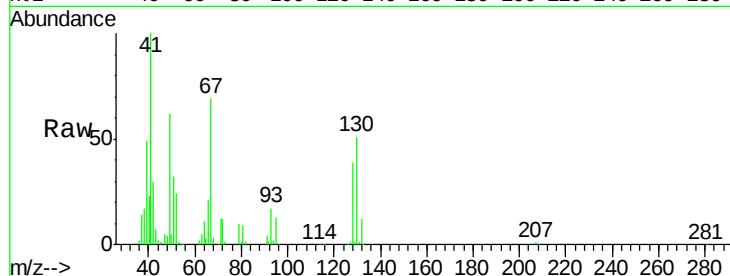
#41
Methacrylonitrile
Concen: 51.541 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	58272
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

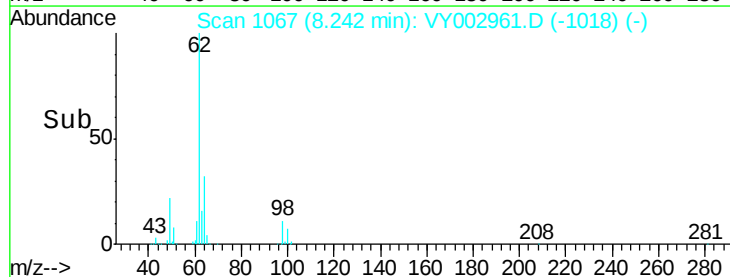
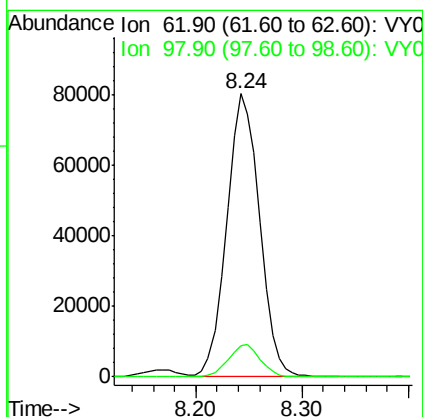
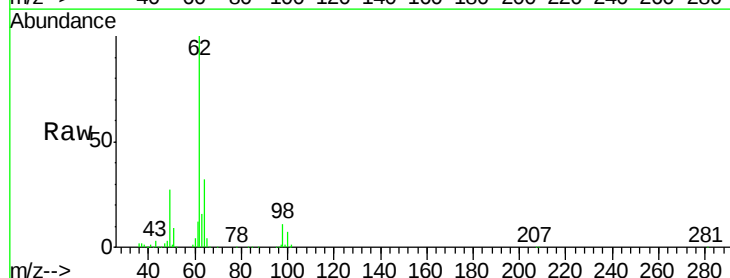
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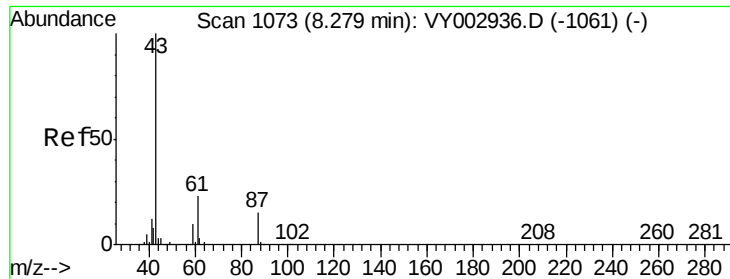
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#42
1,2-Dichloroethane
Concen: 51.631 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion	62	Resp	173511
Ion Ratio	Lower	Upper	
62	100		
98	11.1	0.0	22.6





#43

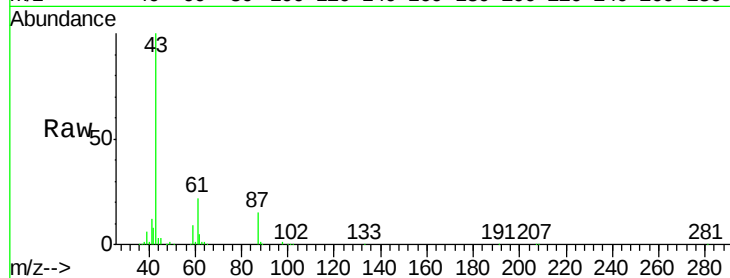
Isopropyl Acetate
 Concen: 52.411 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

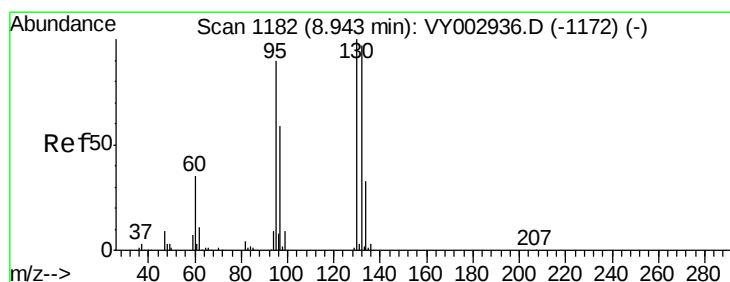
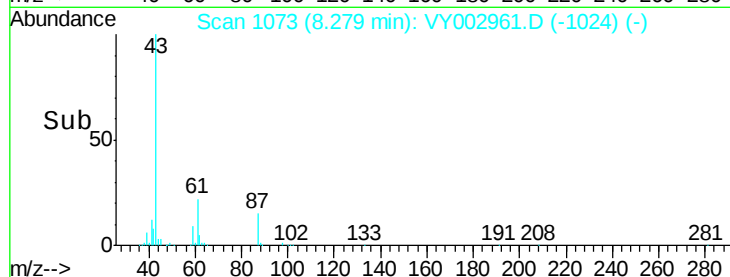
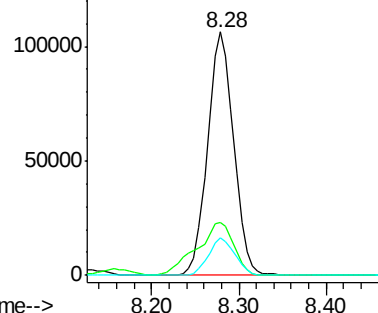
Tot Ion	Ratio	Lower	Upper
43	100		
61	30.7	25.0	37.4
87	15.4	12.6	18.8

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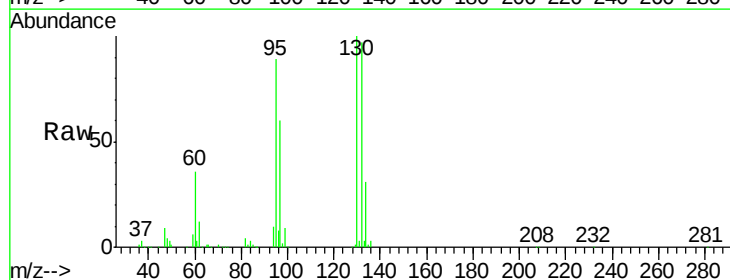
Abundance Ion 43.00 (42.70 to 43.70): VY002961.D (-1061) (-)
 Ion 61.00 (60.70 to 61.70): VY002961.D (-1061) (-)
 Ion 87.00 (86.70 to 87.70): VY002961.D (-1061) (-)



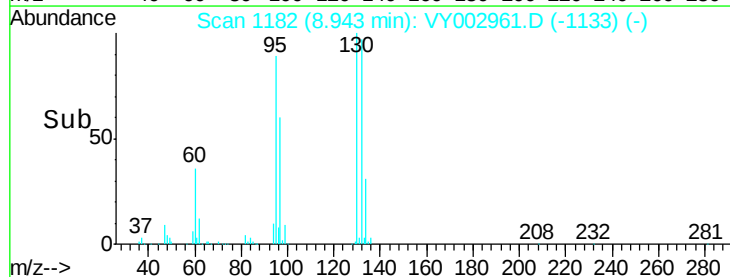
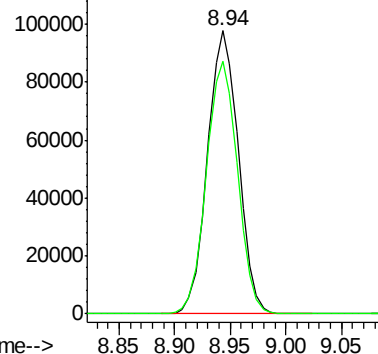
#44

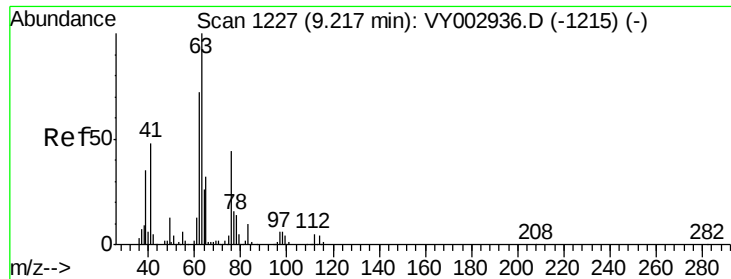
Trichloroethene
 Concen: 49.990 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	179.6



Abundance Ion 129.80 (129.50 to 130.50): VY002961.D (-1172) (-)
 Ion 94.90 (94.60 to 95.60): VY002961.D (-1172) (-)





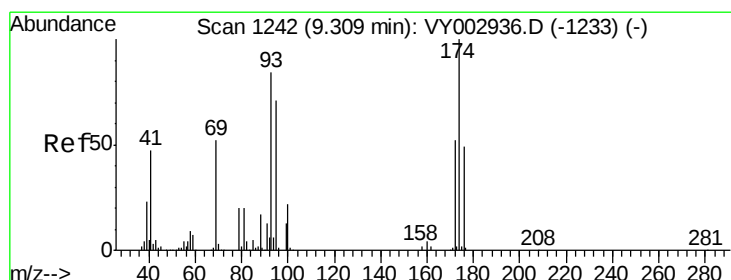
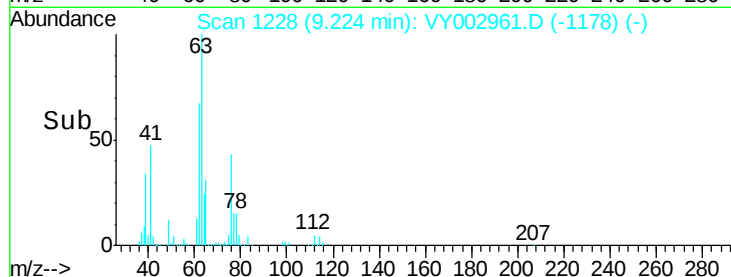
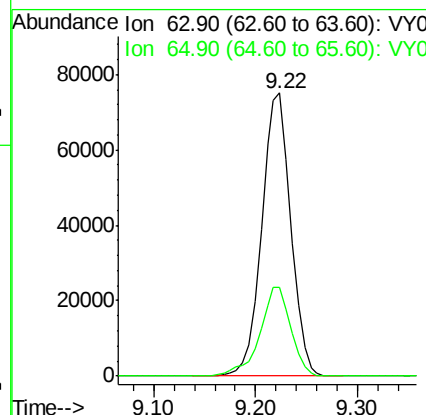
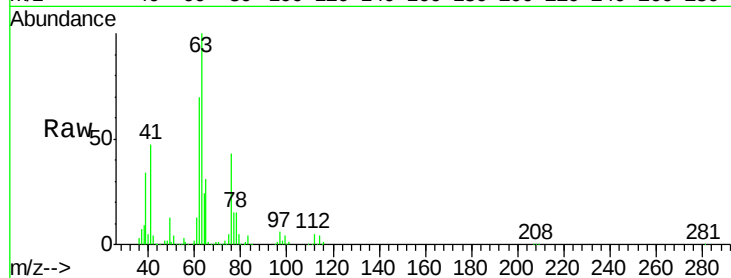
#45
 1,2-Dichloropropane
 Concen: 51.028 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.5	38.3

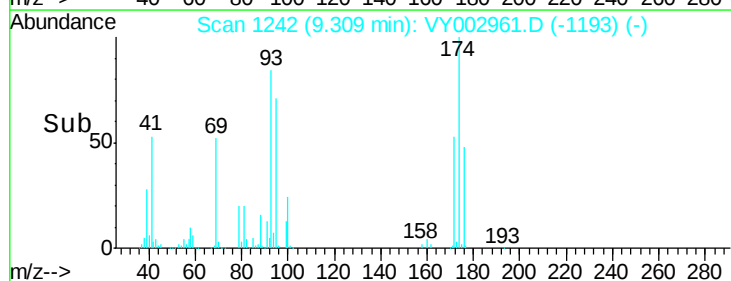
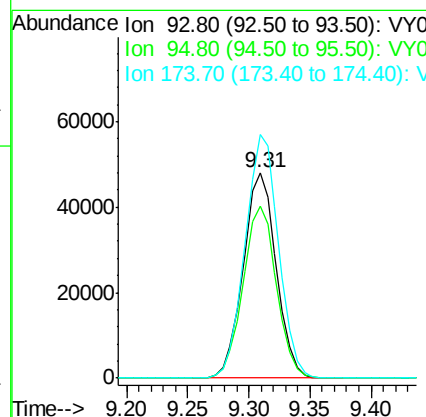
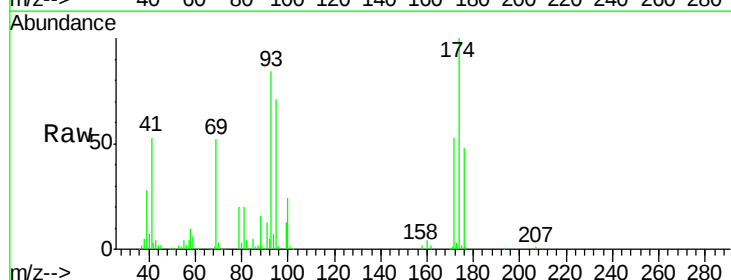
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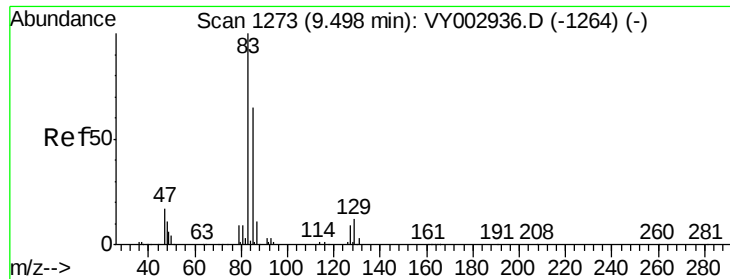
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#46
 Dibromomethane
 Concen: 51.666 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	66.4	99.6
174	120.4	95.1	142.7





#47

Bromodichloromethane

Concen: 52.542 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

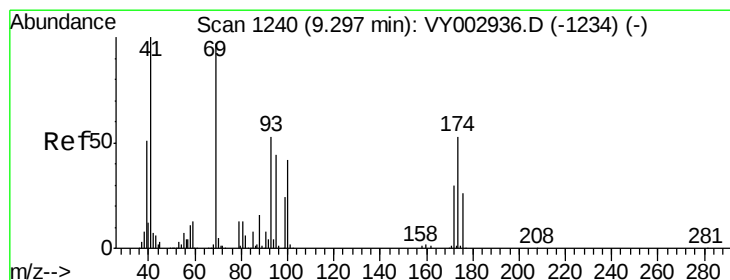
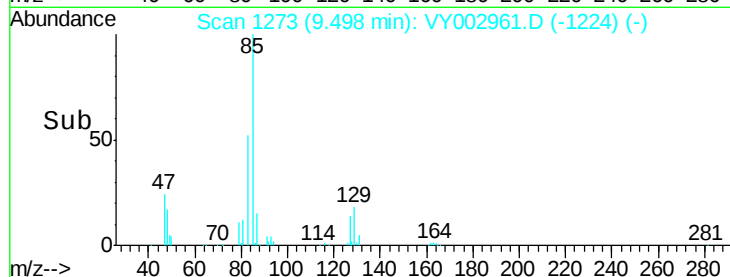
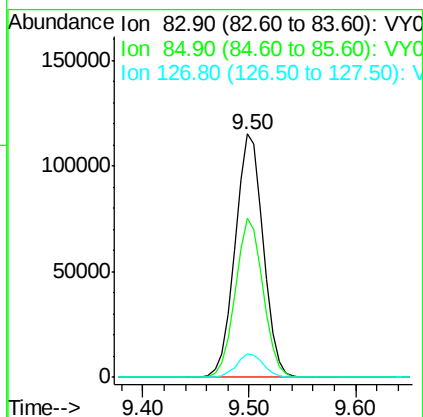
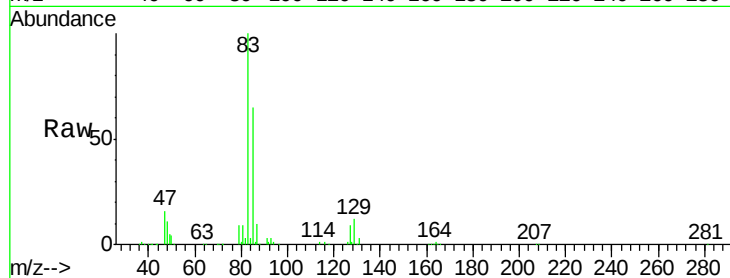
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	213271
Ion Ratio	Lower	Upper	
83	100		
85	65.2	51.9	77.9
127	9.4	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.093 ug/l

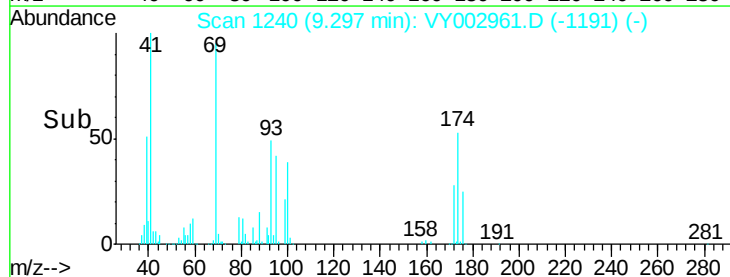
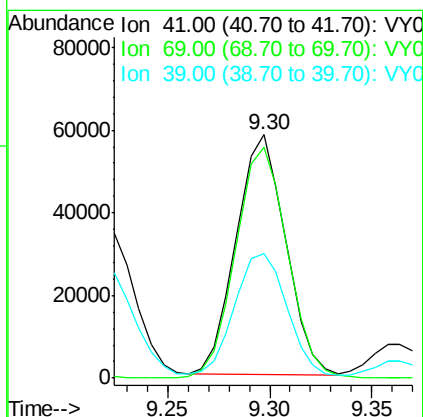
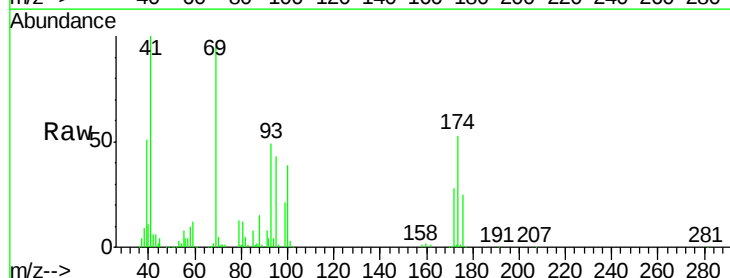
RT: 9.30 min Scan# 1240

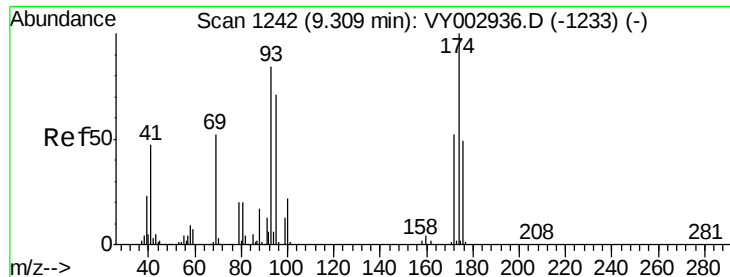
Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Tgt Ion:	41	Resp:	98296
Ion Ratio	Lower	Upper	
41	100		
69	100.5	79.4	119.0
39	56.2	41.1	61.7





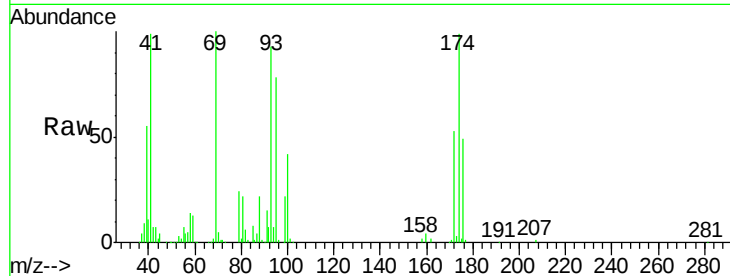
#49
1,4-Dioxane
Concen: 998.462 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

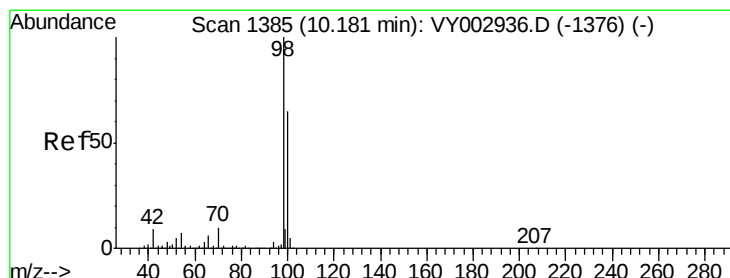
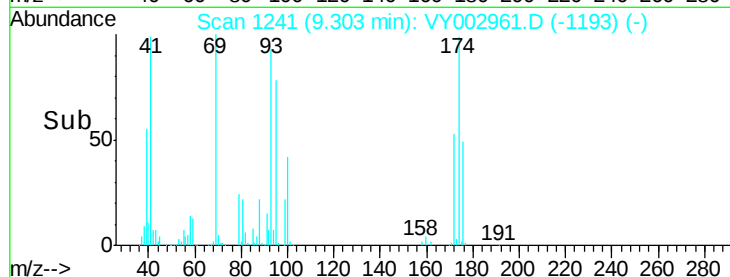
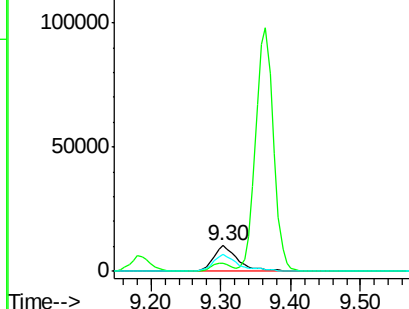
Tot Ion	88	Resp	25442
Ion Ratio	Lower	Upper	
88	100		
43	25.2	21.0	31.6
58	66.9	51.5	77.3

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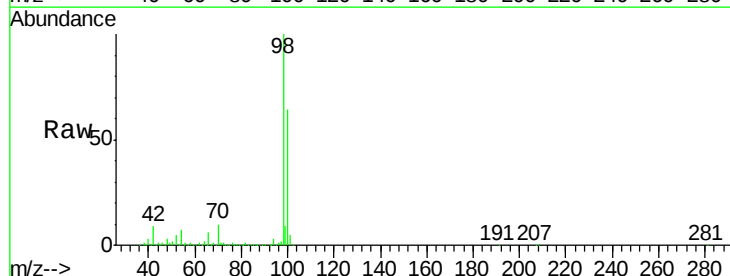


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

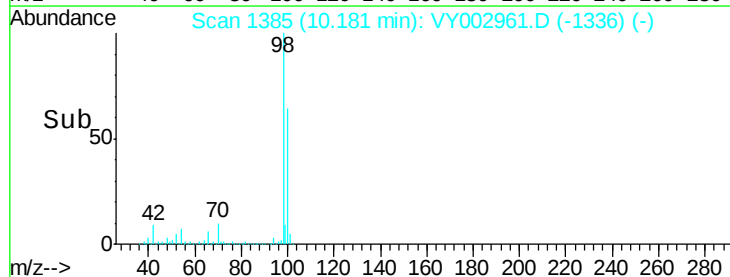
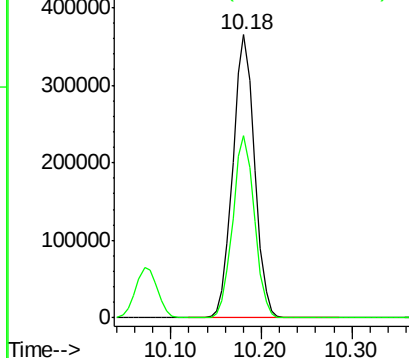


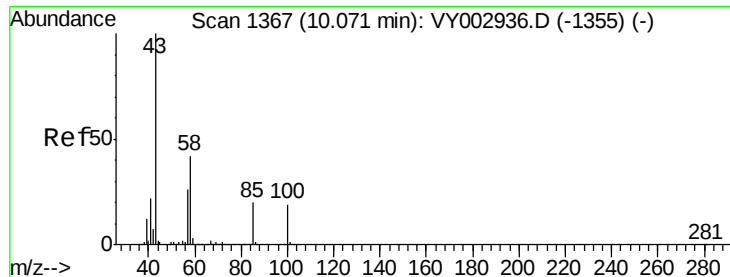
#50
Toluene-d8
Concen: 54.206 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion	98	Resp	605608
Ion Ratio	Lower	Upper	
98	100		
100	64.4	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





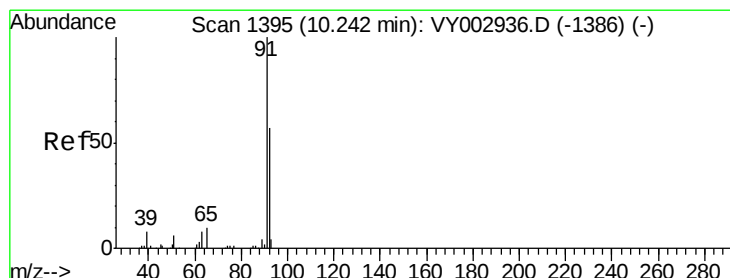
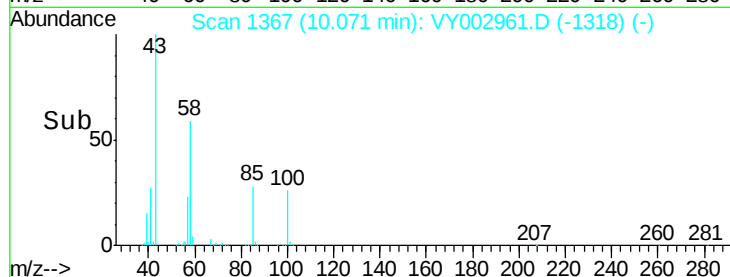
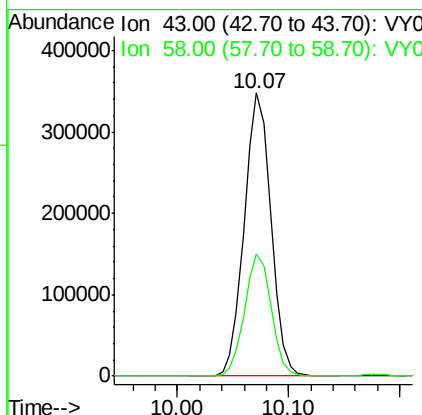
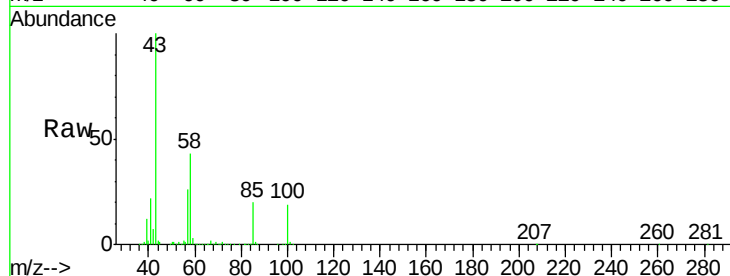
#51
4-Methyl-2-Pentanone
Concen: 260.681 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 580917
Ion Ratio Lower Upper
43 100
58 42.9 33.9 50.9

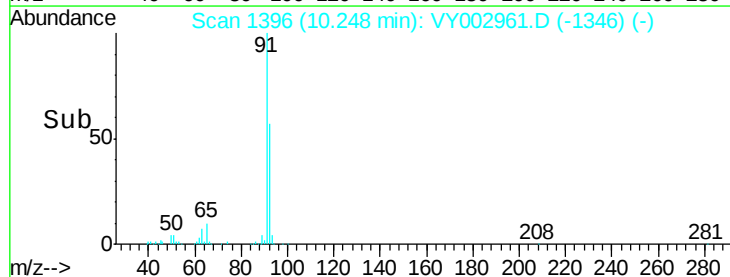
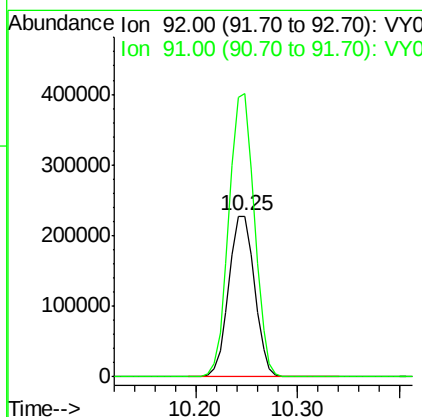
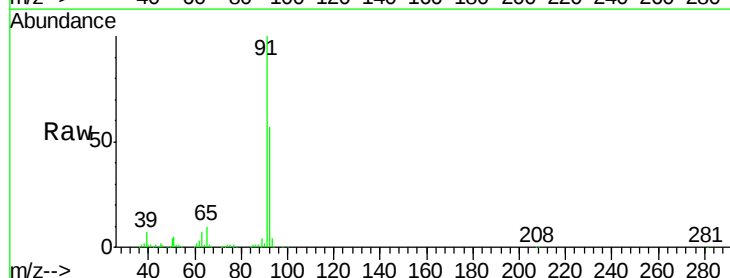
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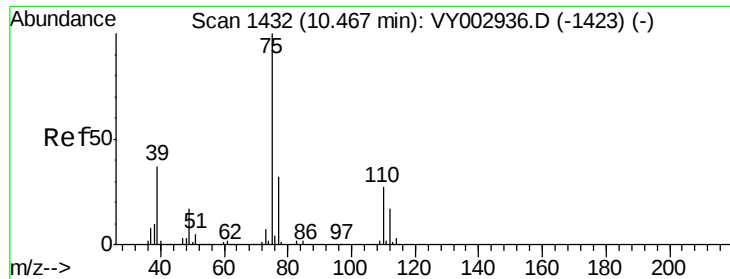
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#52
Toluene
Concen: 50.748 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion: 92 Resp: 397678
Ion Ratio Lower Upper
92 100
91 173.8 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 50.642 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 223407

Ion Ratio Lower Upper

75 100

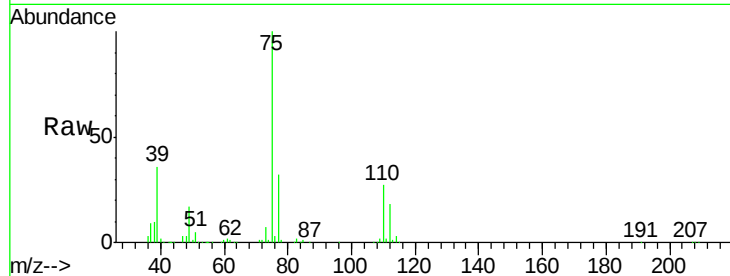
77 32.0 25.3 37.9

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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

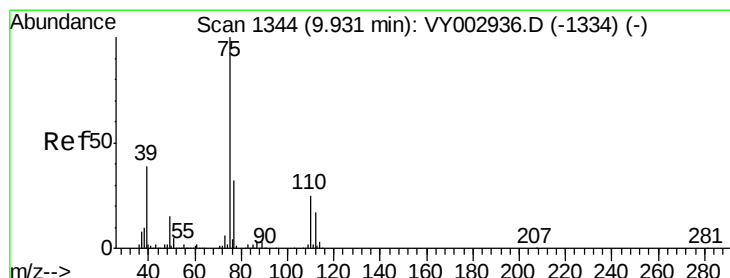
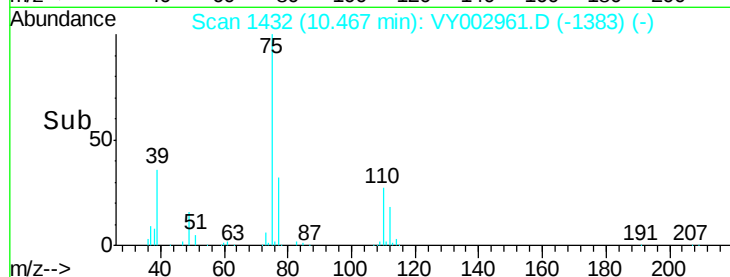
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.973 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

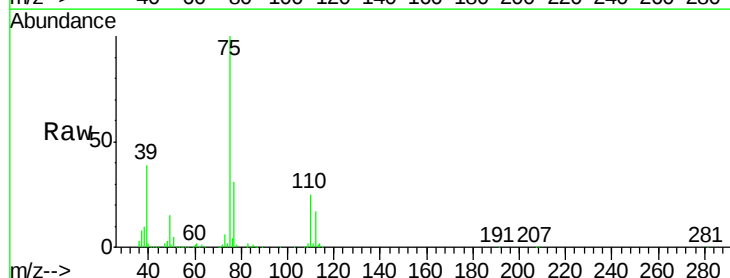
Tgt Ion: 75 Resp: 254534

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2

39 38.7 31.4 47.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

200000

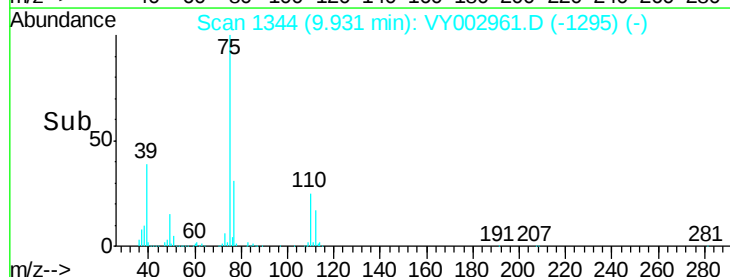
150000

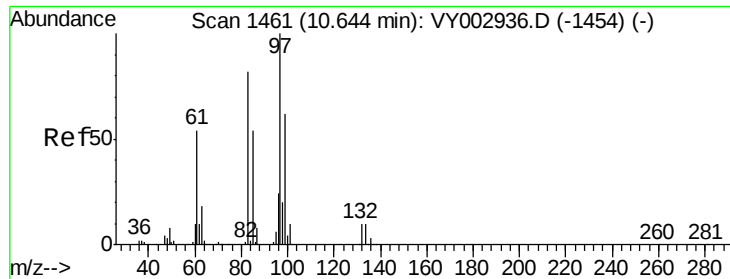
100000

50000

0

Time-->





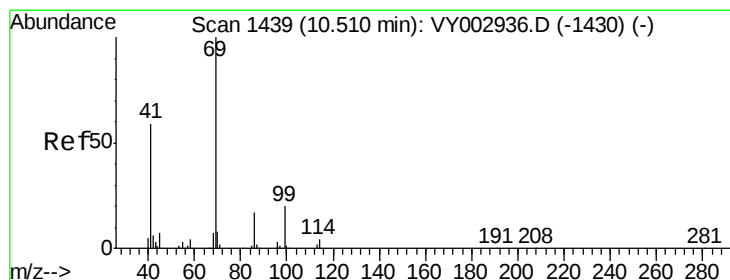
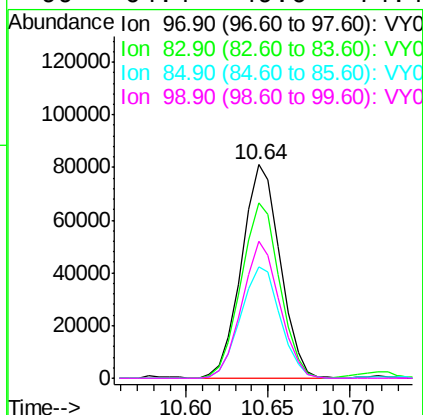
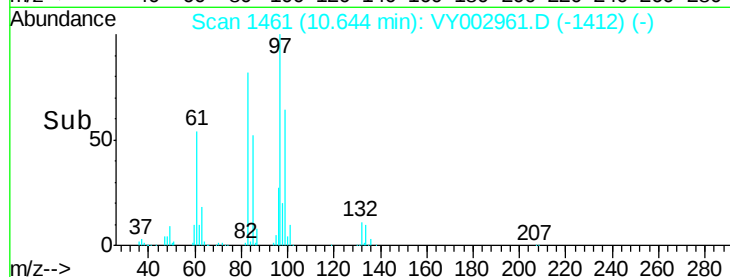
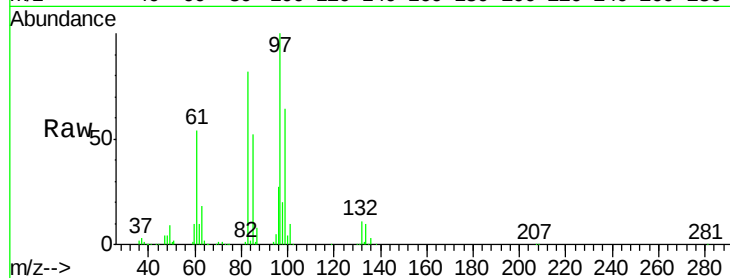
#55
 1,1,2-Trichloroethane
 Concen: 51.447 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	133388
Ion	Ratio	Lower	Upper
97	100		
83	82.2	65.9	98.9
85	52.0	43.1	64.7
99	64.4	49.6	74.4

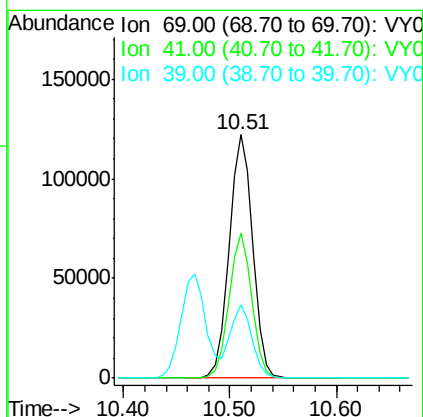
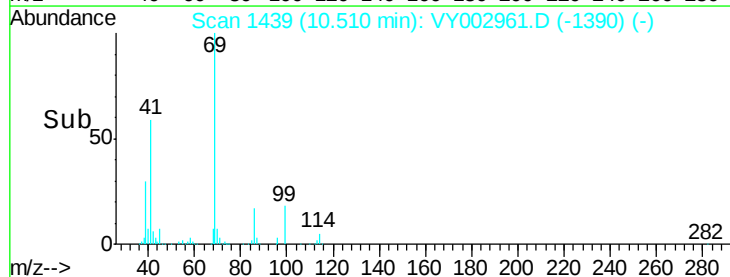
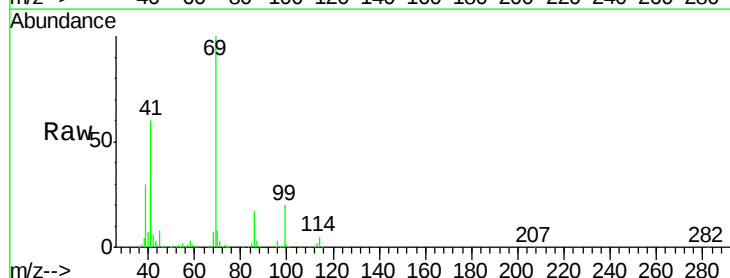
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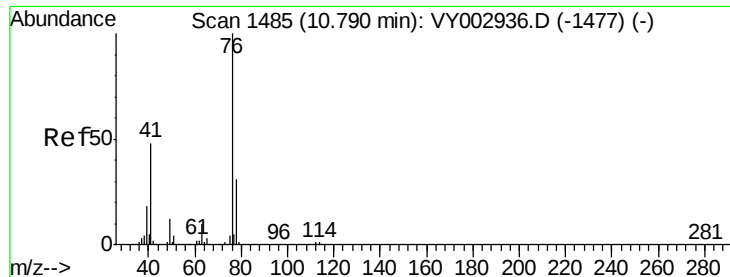
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#56
 Ethyl methacrylate
 Concen: 53.870 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion:	69	Resp:	188278
Ion	Ratio	Lower	Upper
69	100		
41	57.6	46.4	69.6
39	27.4	21.4	32.0





#57

1,3-Dichloropropane

Concen: 51.618 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 223173

Ion Ratio Lower Upper

76 100

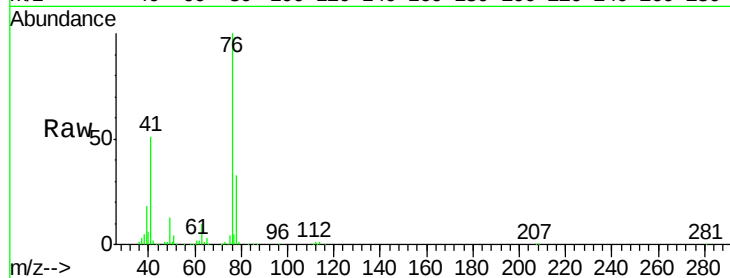
78 32.5 25.4 38.2

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

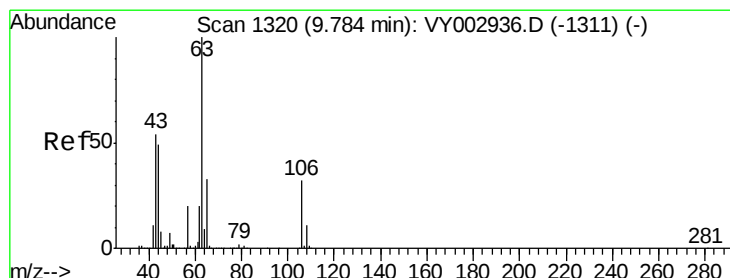
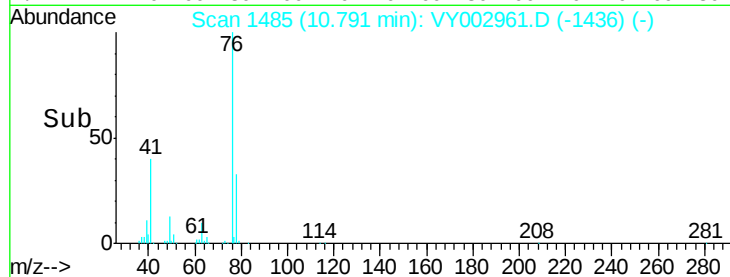
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 281.595 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002961.D

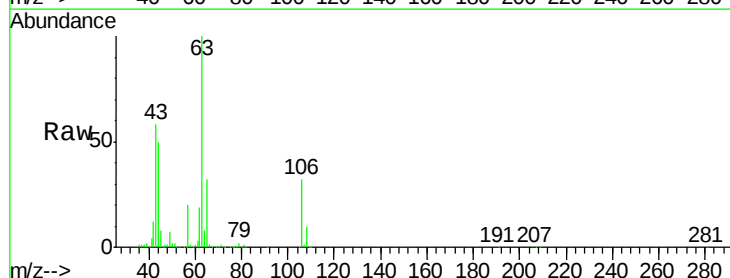
Acq: 20 Jun 2020 00:33

Tgt Ion: 63 Resp: 490187

Ion Ratio Lower Upper

63 100

106 32.0 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

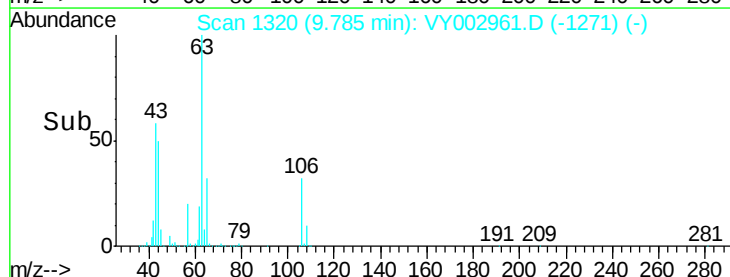
300000

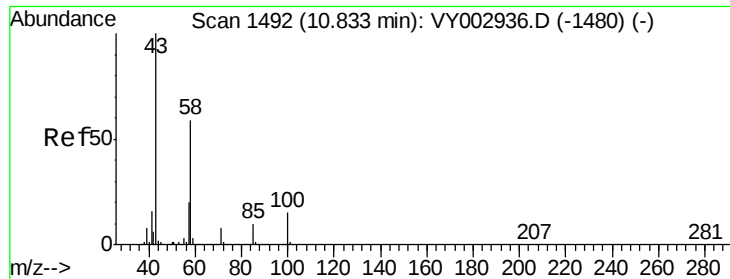
200000

100000

0

Time-->





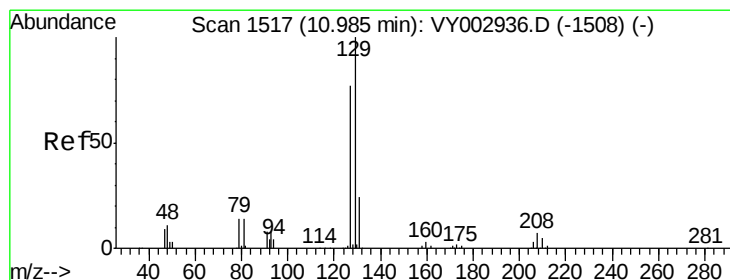
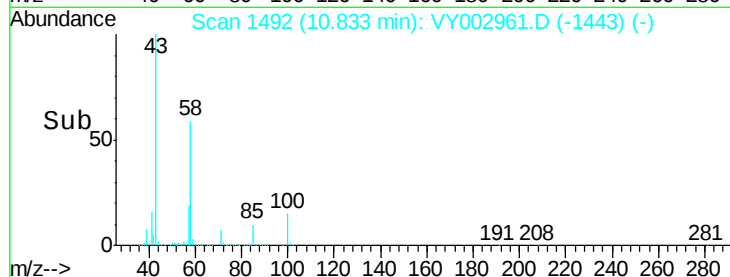
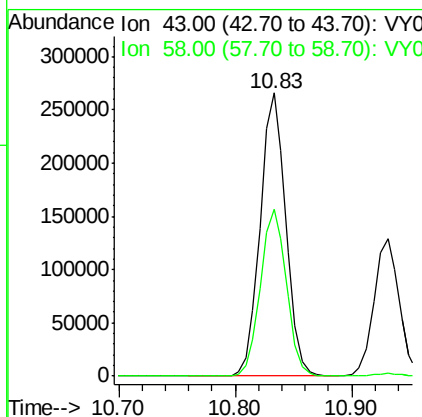
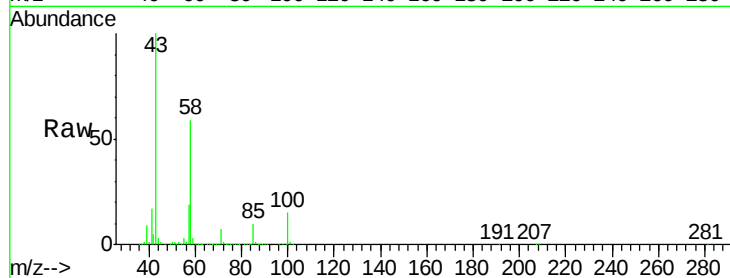
#59
2-Hexanone
Concen: 261.053 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 408998
Ion Ratio Lower Upper
43 100
58 59.8 29.7 89.1

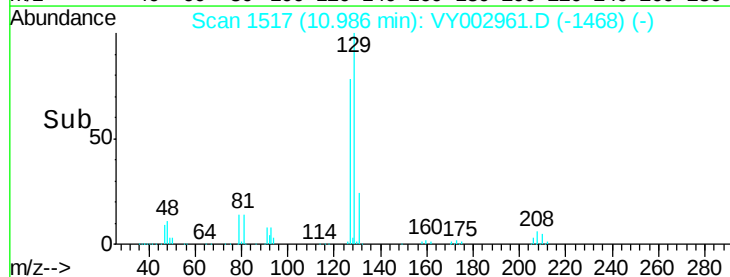
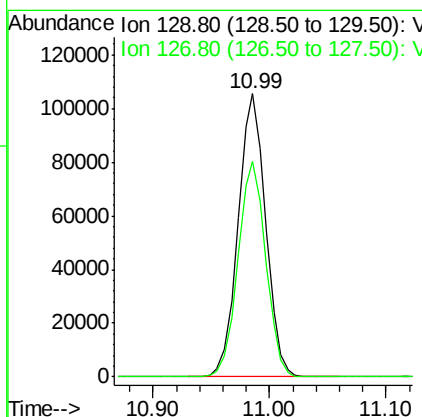
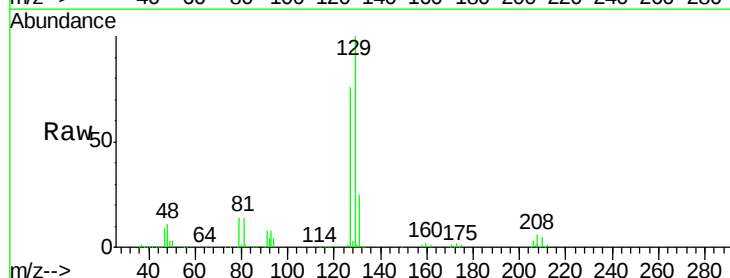
Manual Integrations
APPROVED

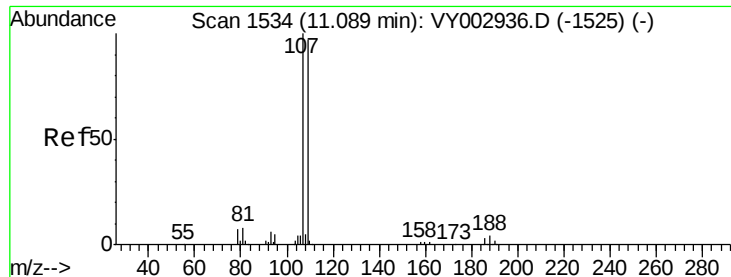
MMDadoda
6/22/2020 2:07:18 PM



#60
Dibromochloromethane
Concen: 52.486 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion: 129 Resp: 173546
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6





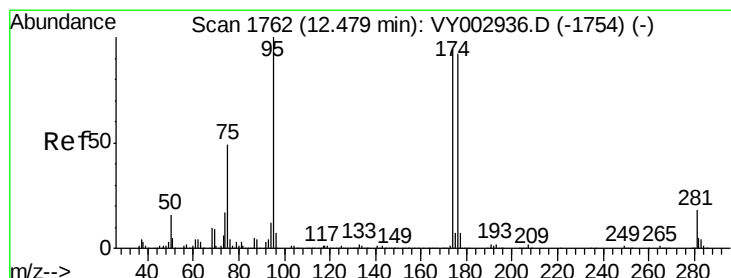
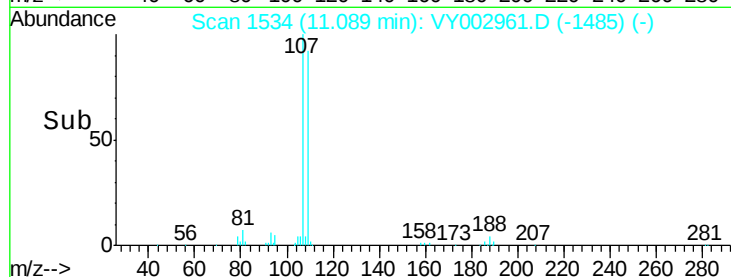
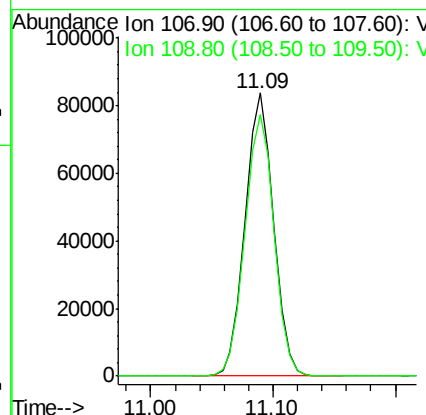
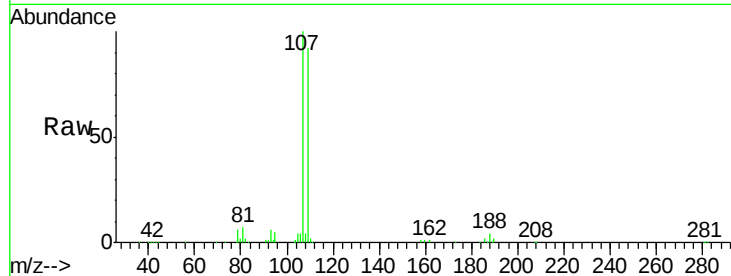
#61
 1,2-Dibromoethane
 Concen: 52.554 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.6	114.8

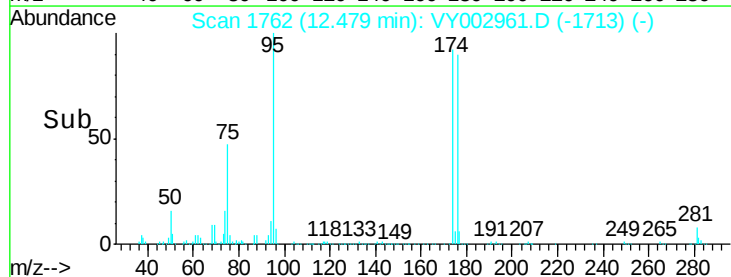
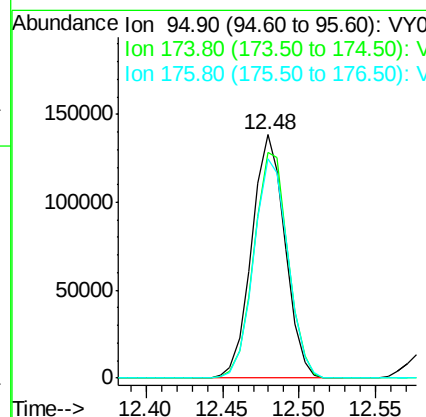
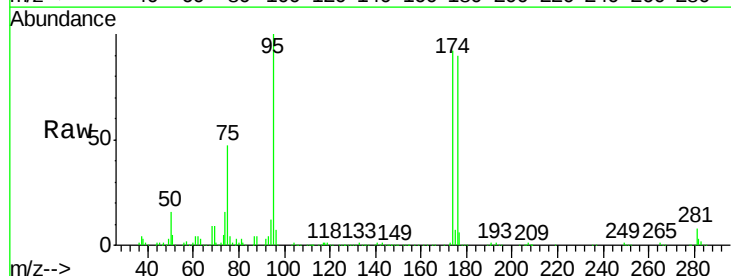
Manual Integrations
 APPROVED

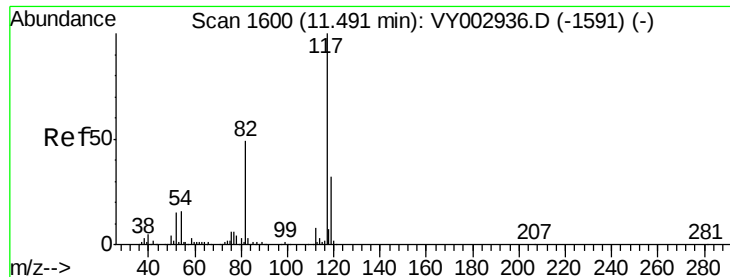
MMDadoda
 6/22/2020 2:07:18 PM



#62
 4-Bromofluorobenzene
 Concen: 54.096 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	191.2
176	92.6	0.0	186.0





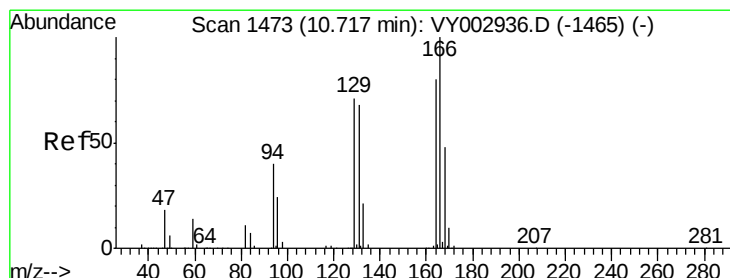
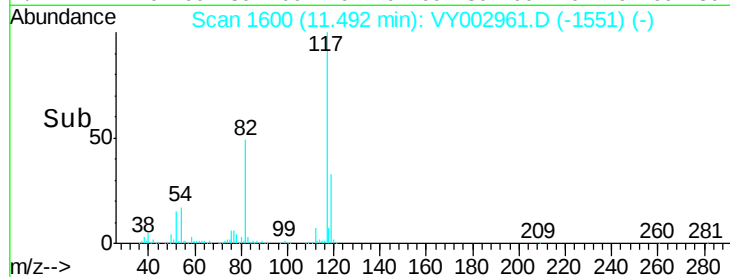
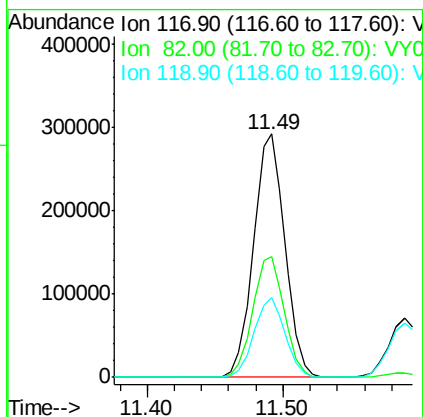
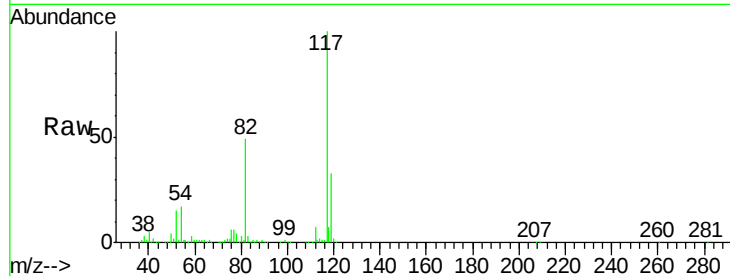
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	39.4	59.0
119	32.6	25.4	38.0

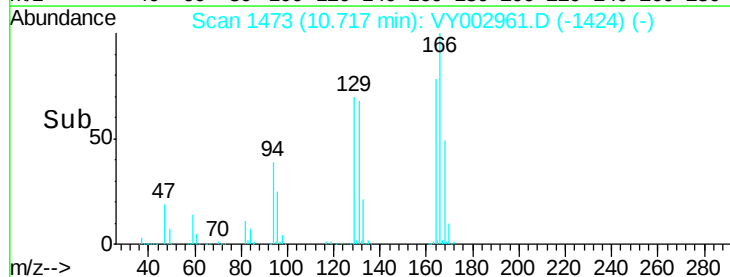
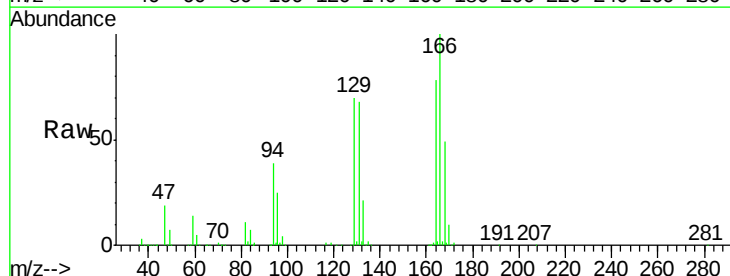
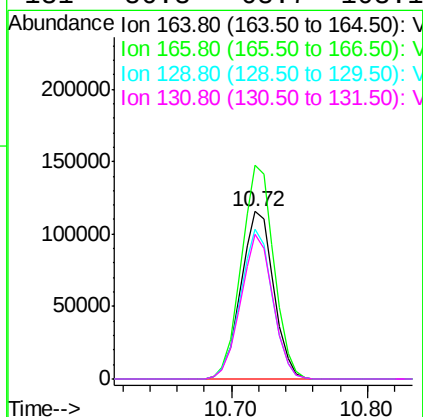
Manual Integrations
APPROVED

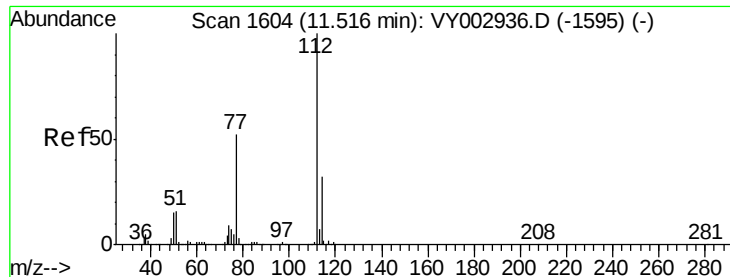
MMDadoda
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#64
Tetrachloroethene
Concen: 49.370 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	100.5	150.7
129	89.6	71.1	106.7
131	86.3	68.7	103.1





#65

Chlorobenzene

Concen: 49.967 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 446456

Ion Ratio Lower Upper

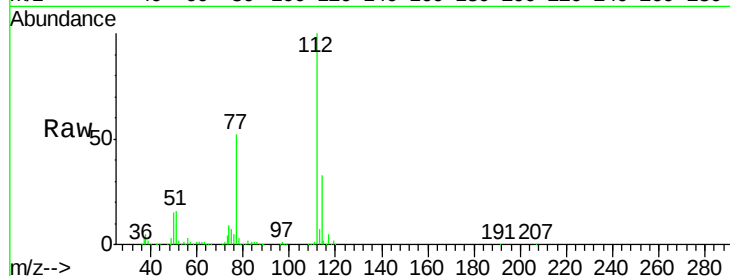
112 100

114 32.7 26.0 39.0

Manual Integrations
APPROVED

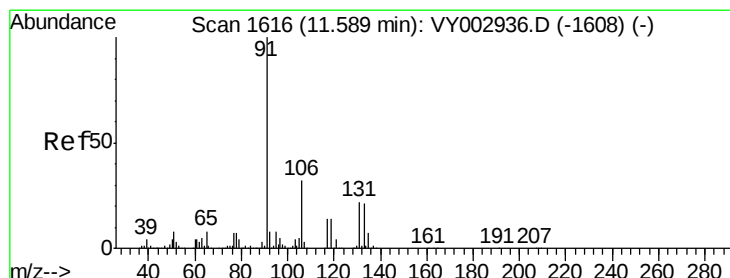
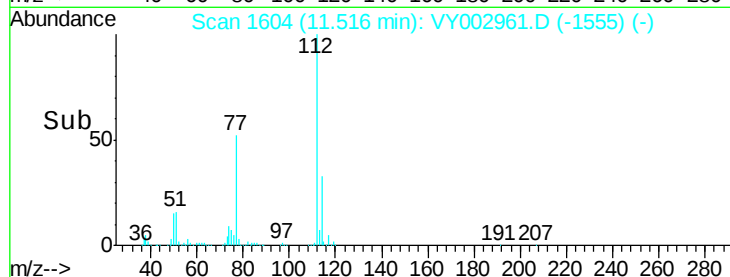
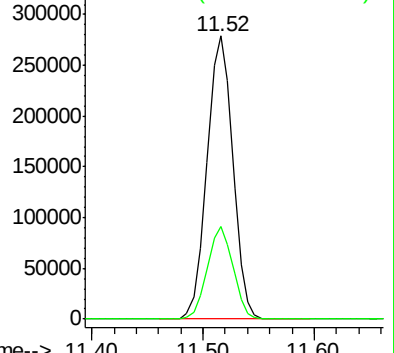
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.846 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

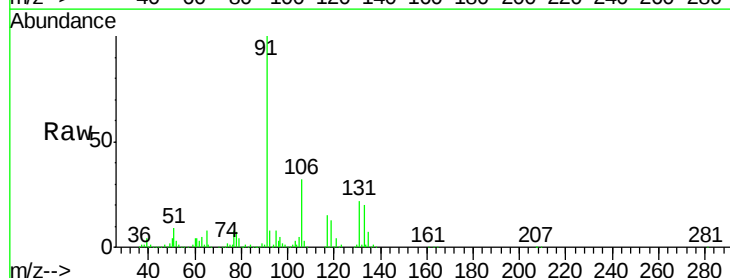
Tgt Ion:131 Resp: 171724

Ion Ratio Lower Upper

131 100

133 95.7 47.7 143.1

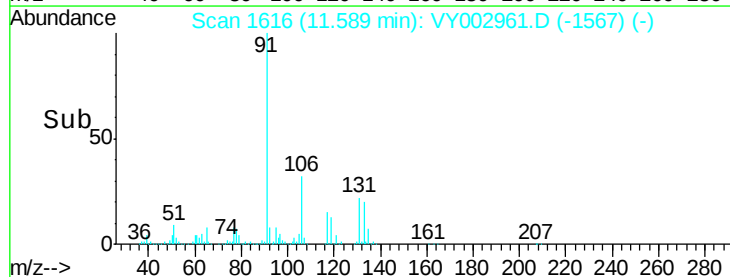
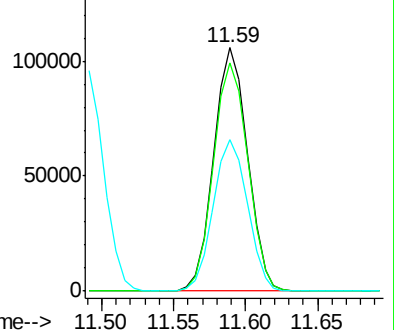
119 63.3 31.5 94.5

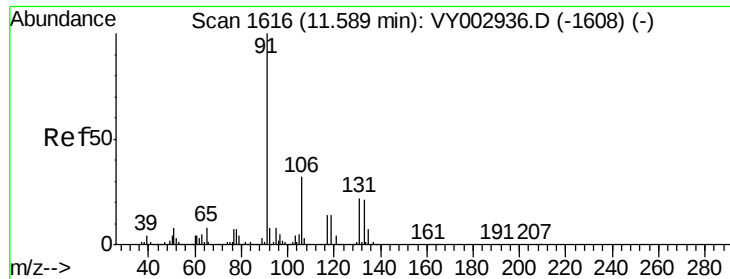


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





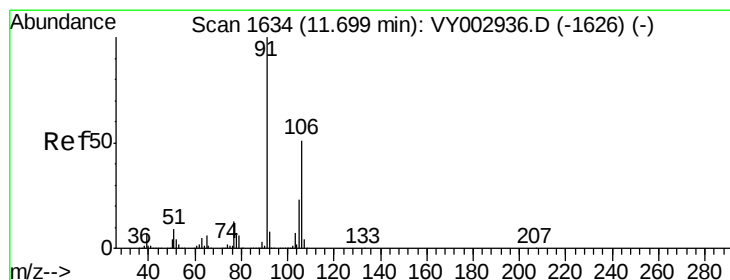
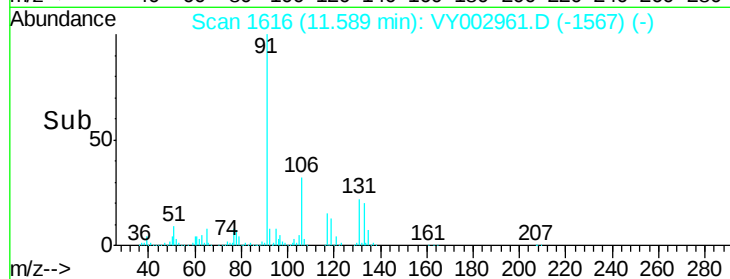
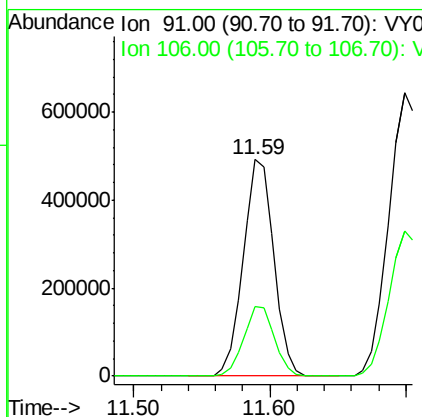
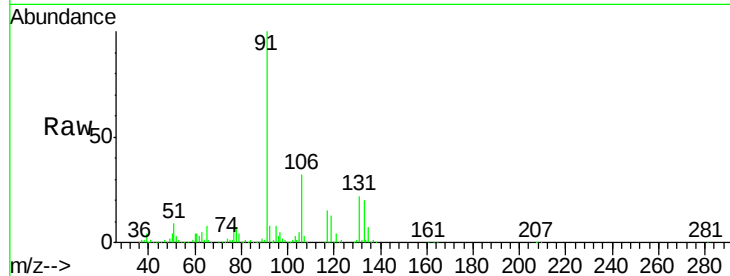
#67
Ethyl Benzene
Concen: 50.114 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 772362
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.8

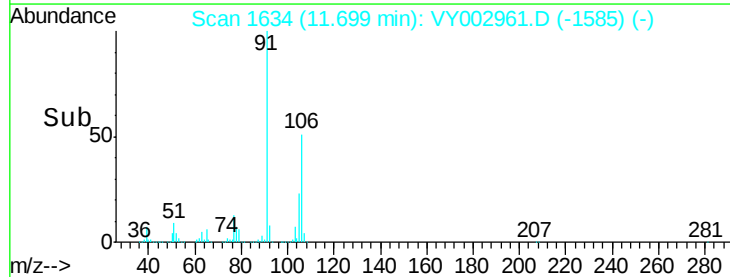
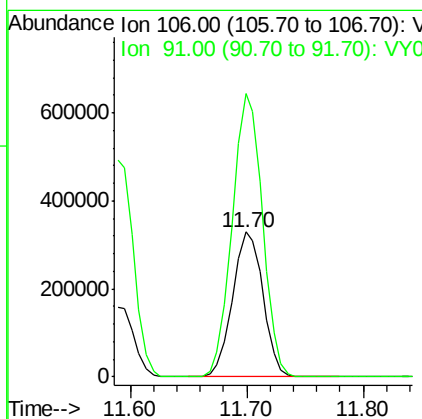
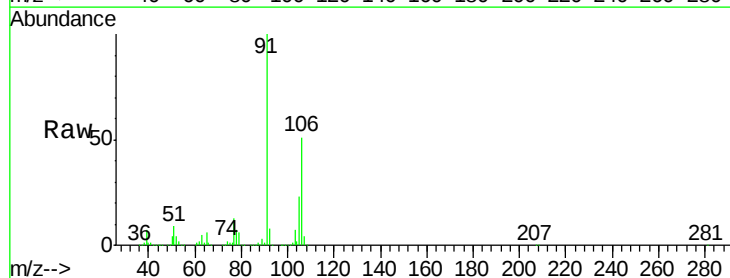
Manual Integrations
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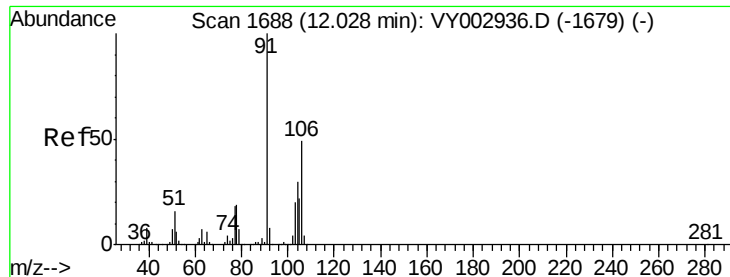
MMDadoda
6/22/2020 2:07:18 PM



#68
m/p-Xylenes
Concen: 99.954 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion: 106 Resp: 598623
Ion Ratio Lower Upper
106 100
91 194.2 155.9 233.9





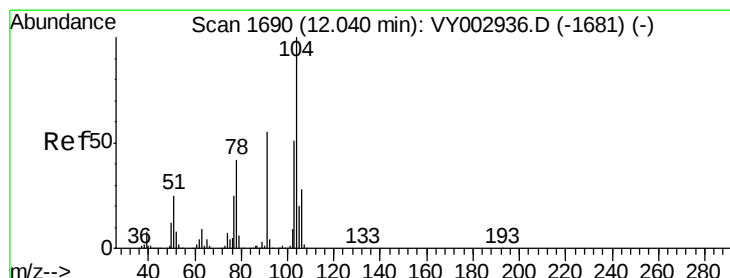
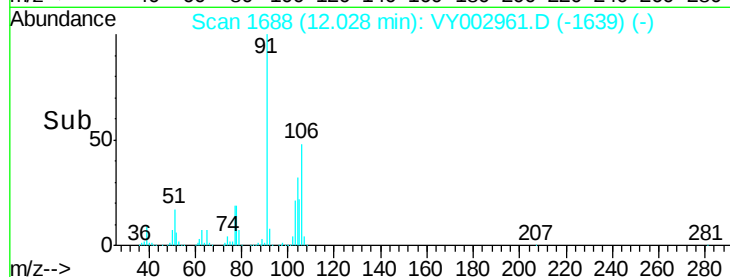
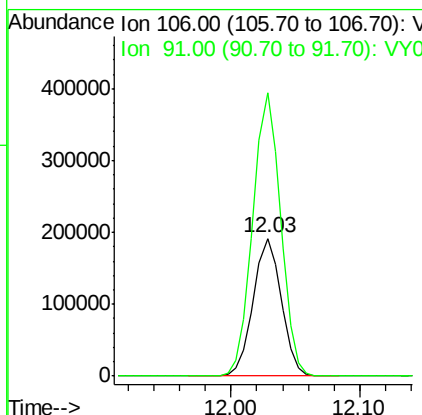
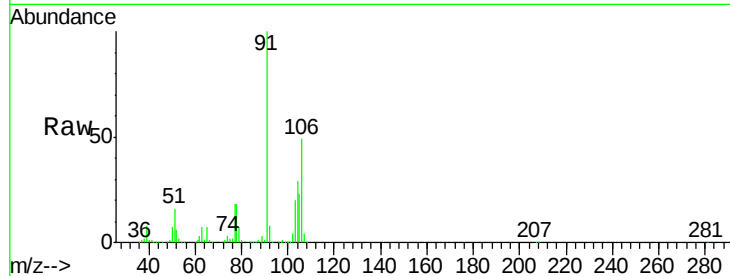
#69
o-Xylene
Concen: 50.859 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
287113	106			
106	100			
91	204.4	102.1	306.1	

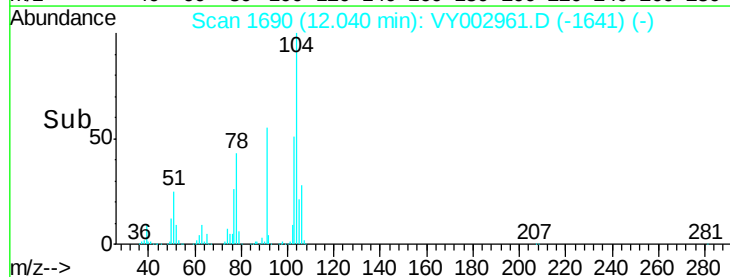
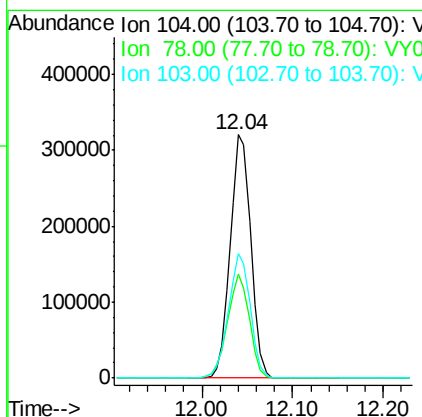
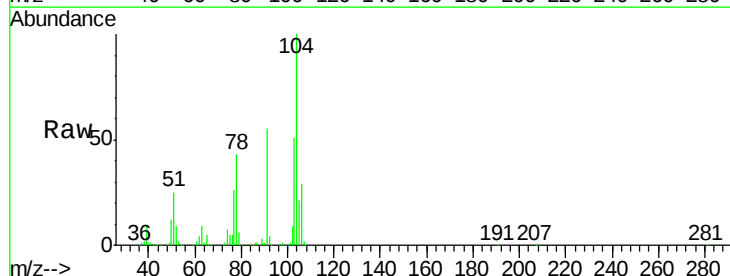
Manual Integrations
APPROVED

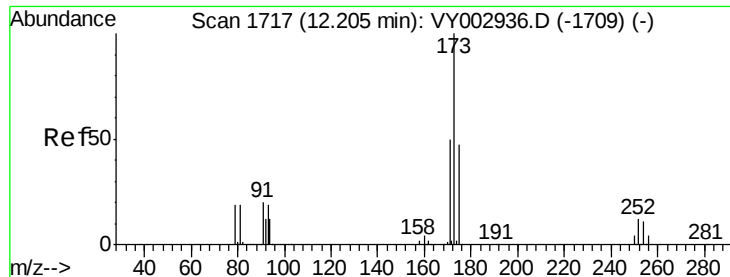
MMDadoda
6/22/2020 2:07:18 PM



#70
Styrene
Concen: 51.749 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion	Ion	Ratio	Lower	Upper
504762	104			
104	100			
78	45.4	36.9	55.3	
103	54.2	43.7	65.5	





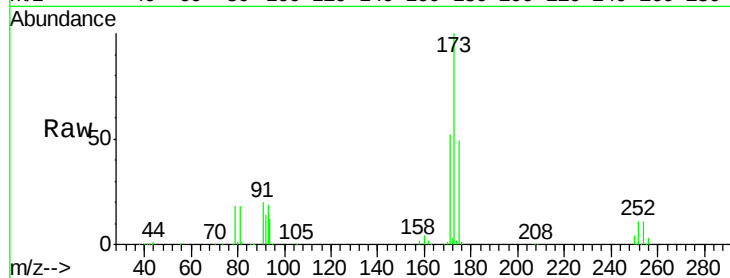
#71
Bromoform
Concen: 51.351 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

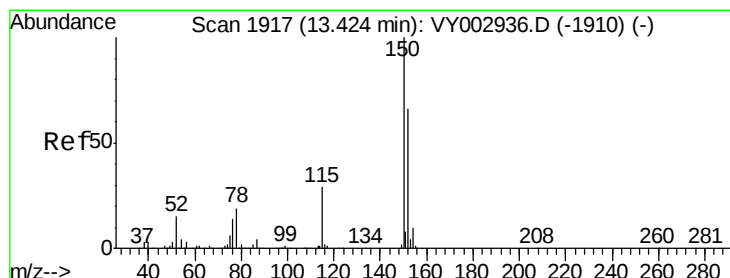
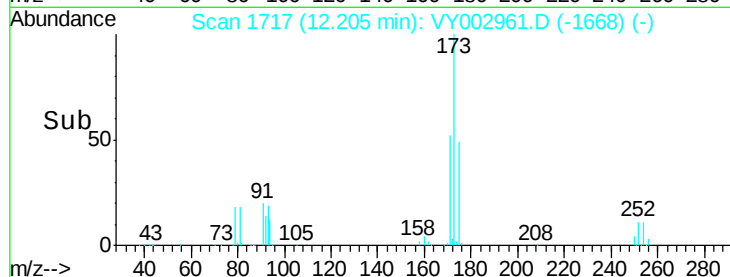
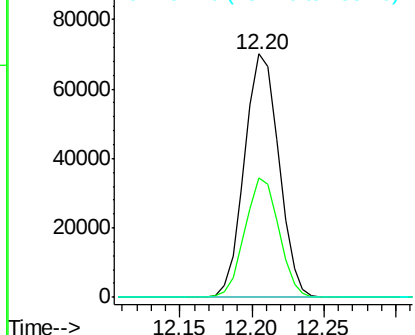
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.9	71.8
254	0.1	0.1	0.1

Manual Integrations
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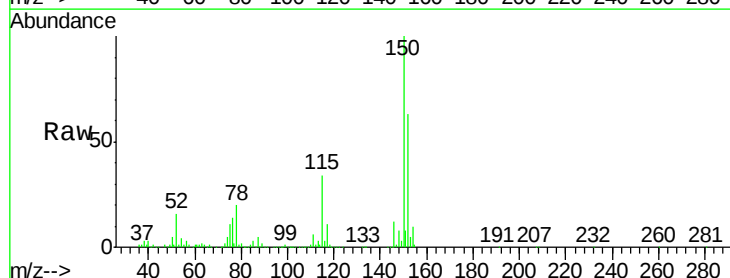


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

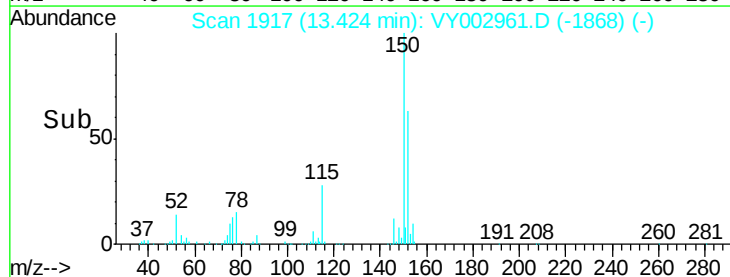
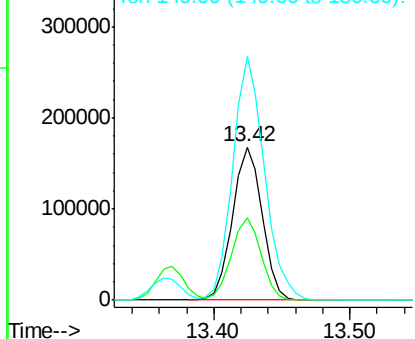


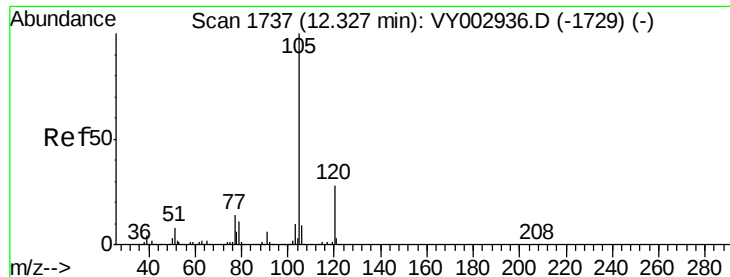
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.4	26.9	80.6
150	170.8	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: 48.896 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 760539

Ion Ratio Lower Upper

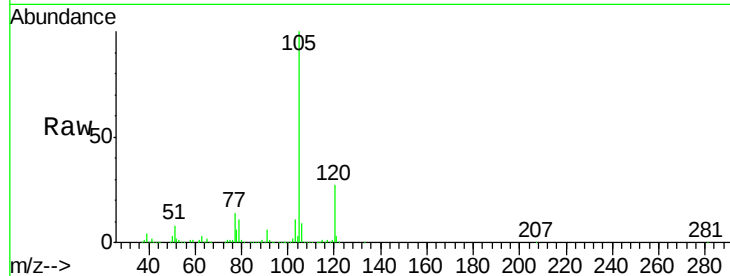
105 100

120 27.4 14.0 41.9

Manual Integrations
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MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

500000

400000

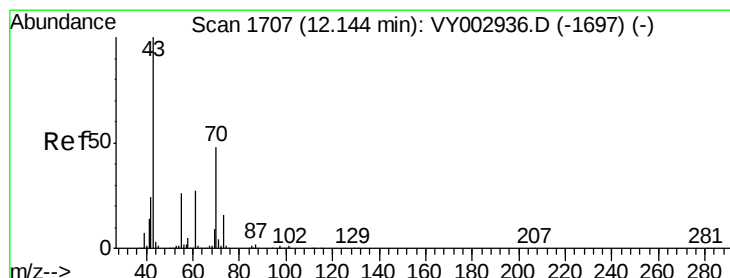
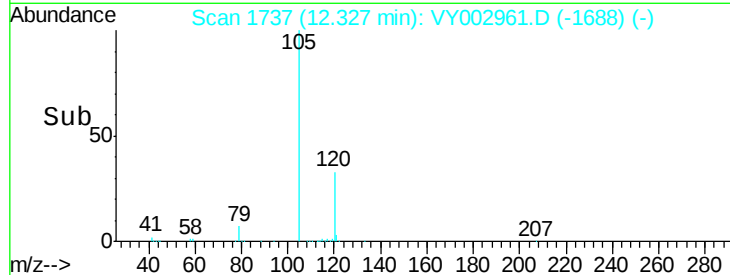
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 51.774 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Tgt Ion: 43 Resp: 207391

Ion Ratio Lower Upper

43 100

70 48.1 38.0 57.0

55 24.9 20.3 30.5

61 27.1 21.4 32.2

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

200000

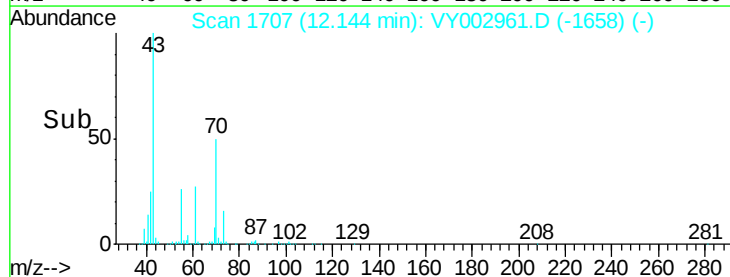
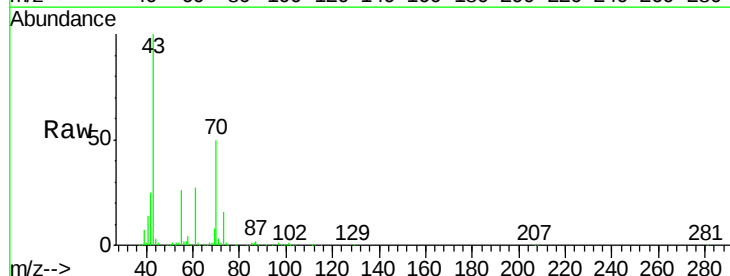
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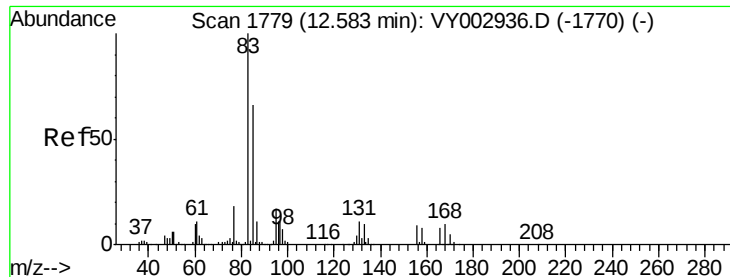
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.355 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

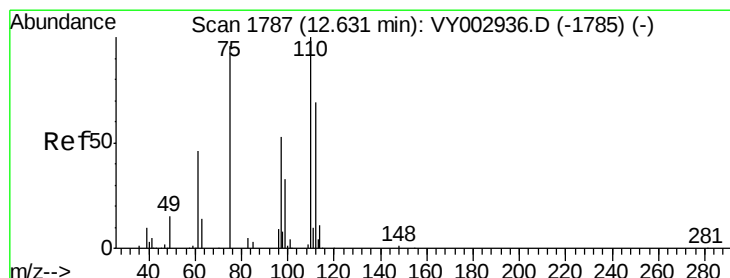
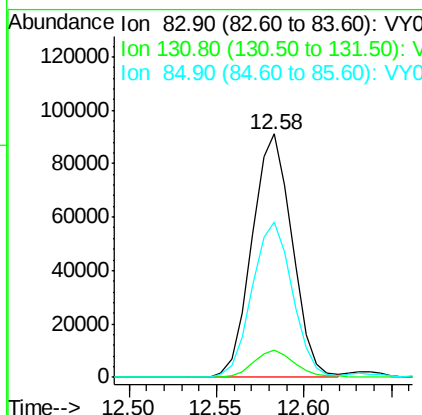
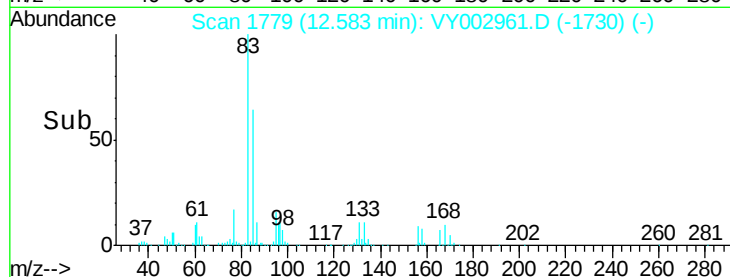
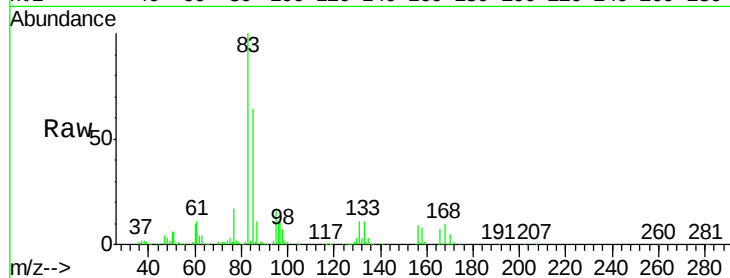
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	145214
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.9	17.7
85	64.1	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.707 ug/l m

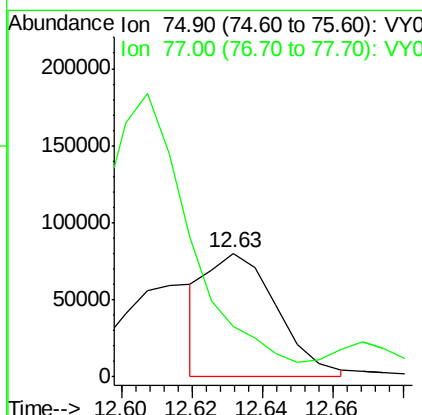
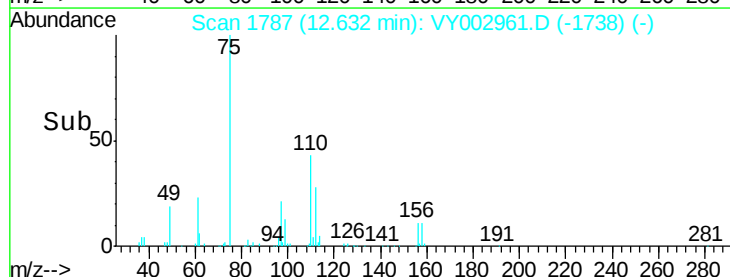
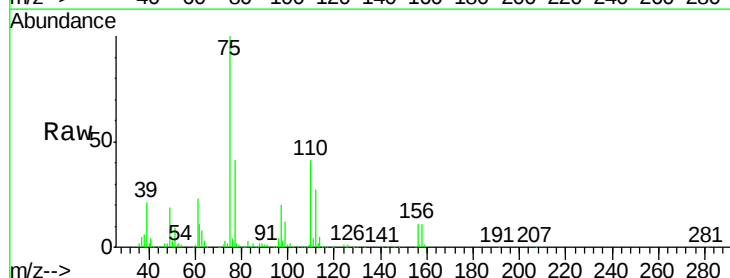
RT: 12.63 min Scan# 1787

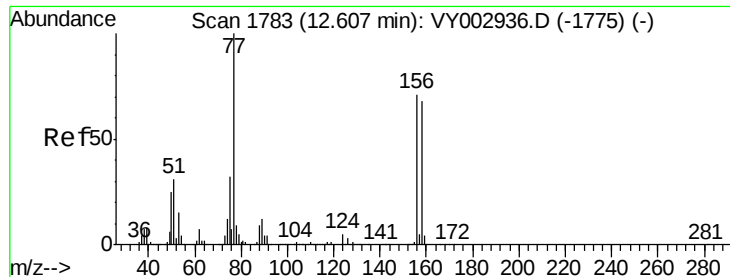
Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Tgt Ion:	75	Resp:	109866
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.541 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Instrument :

MSVOA_Y

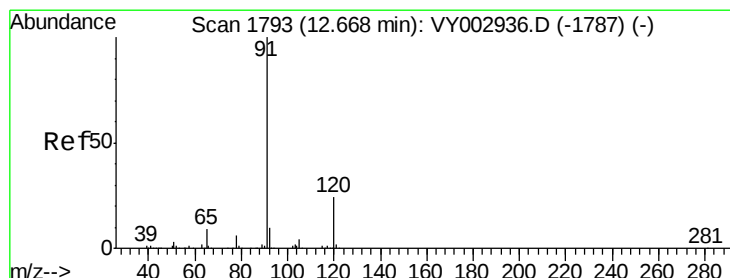
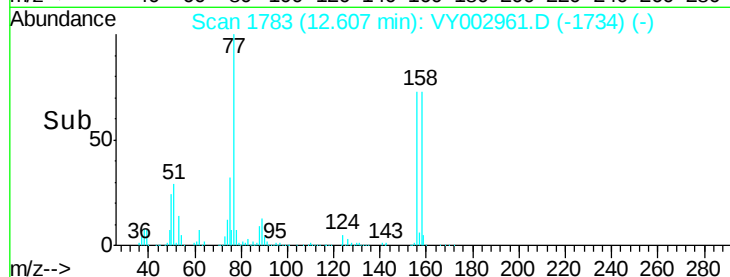
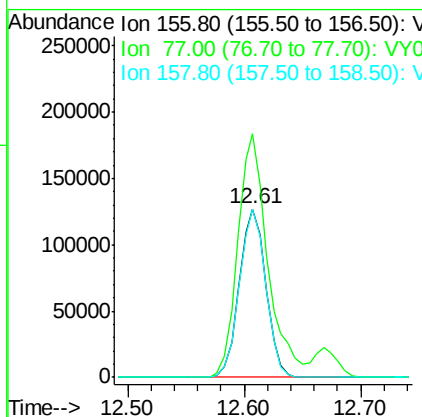
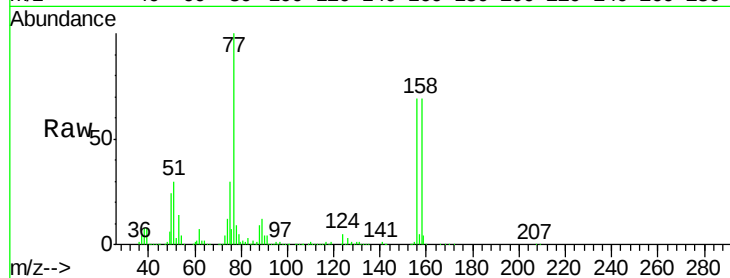
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	201748
Ion Ratio	Lower	Upper	
156	100		
77	162.7	80.5	241.5
158	99.1	48.2	144.6

Manual Integrations
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#78

n-propylbenzene

Concen: 48.749 ug/l

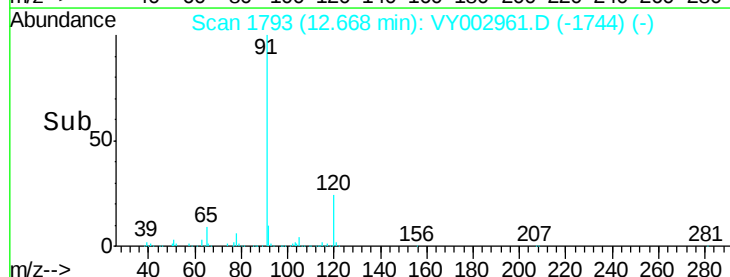
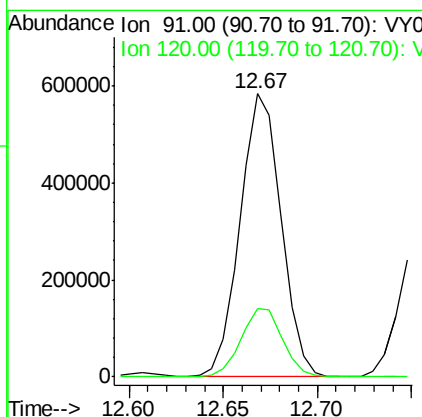
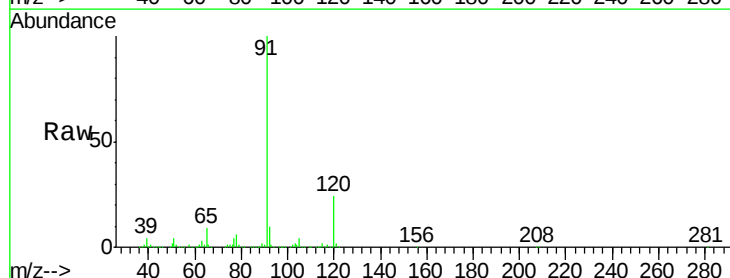
RT: 12.67 min Scan# 1793

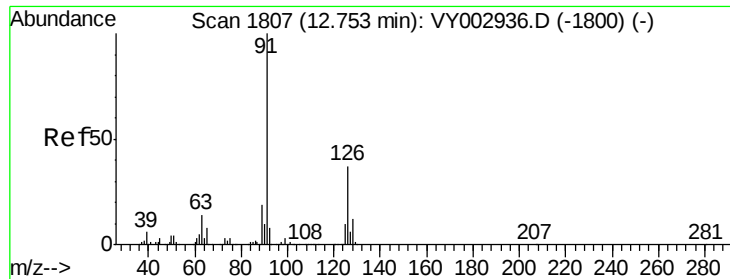
Delta R.T. 0.00 min

Lab File: VY002961.D

Acq: 20 Jun 2020 00:33

Tgt Ion:	91	Resp:	879700
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.3	36.9





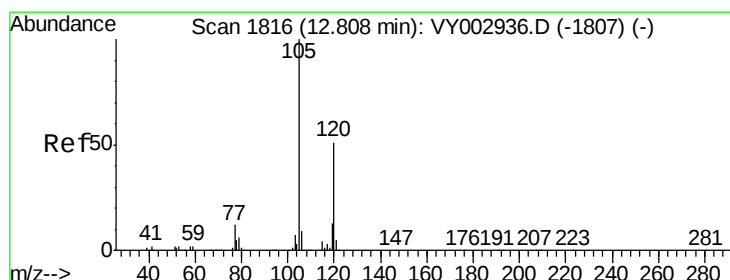
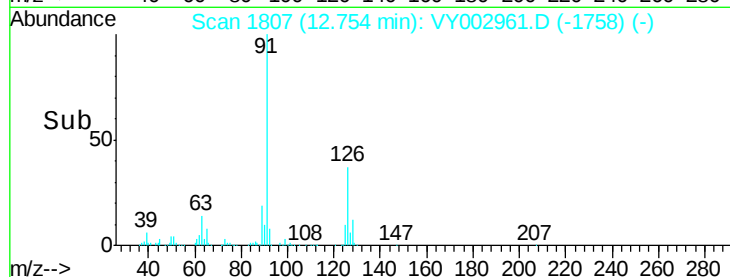
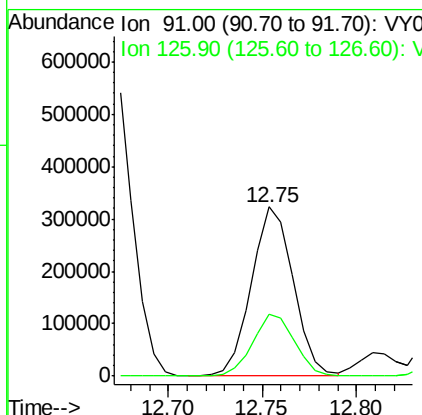
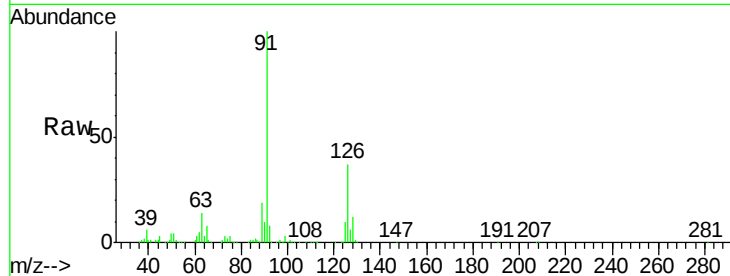
#79
2-Chlorotoluene
Concen: 49.295 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	36.6	18.5	55.5

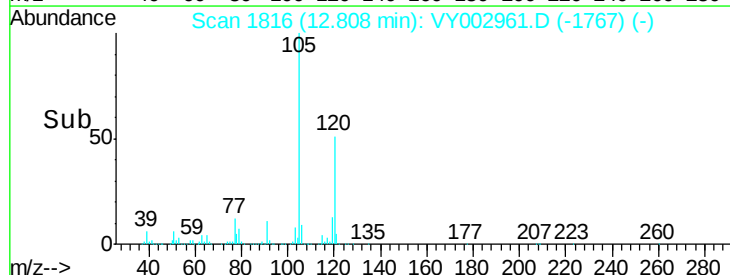
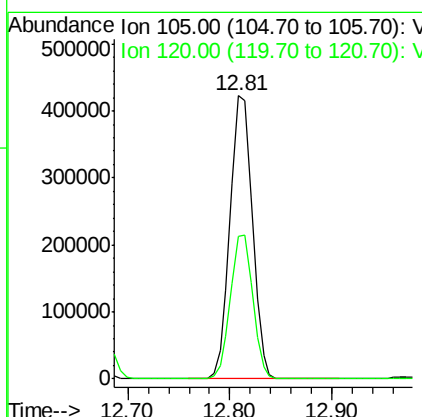
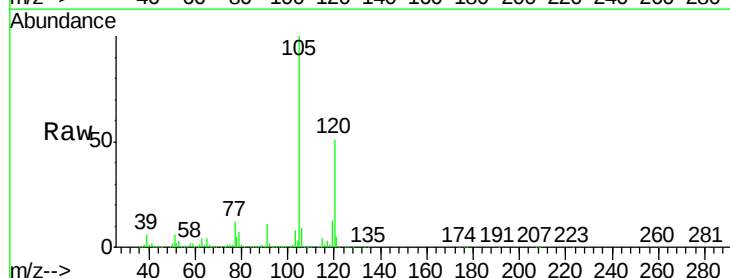
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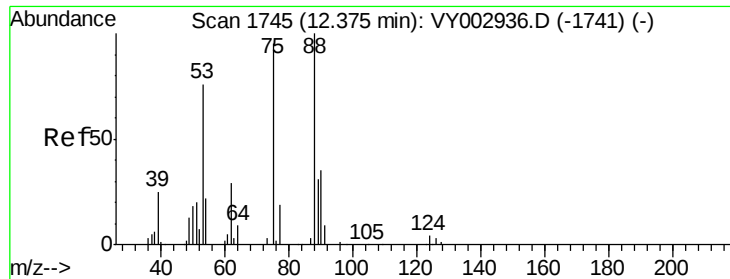
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#80
1,3,5-Trimethylbenzene
Concen: 49.358 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.8	25.6	76.6





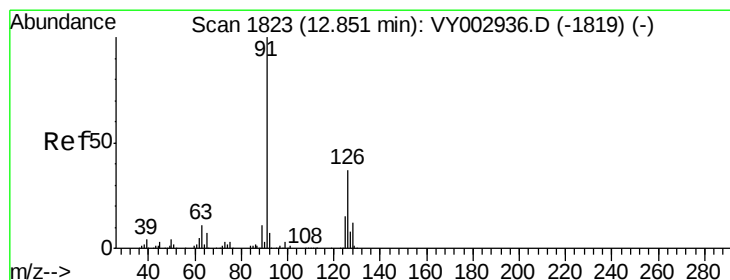
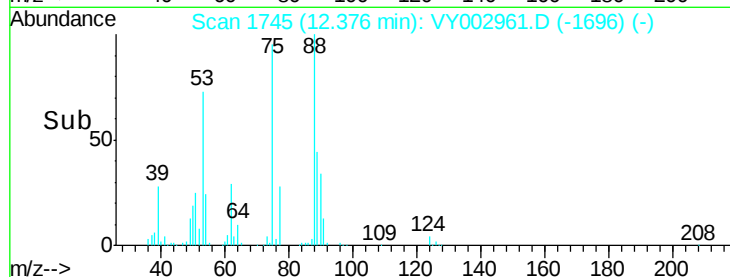
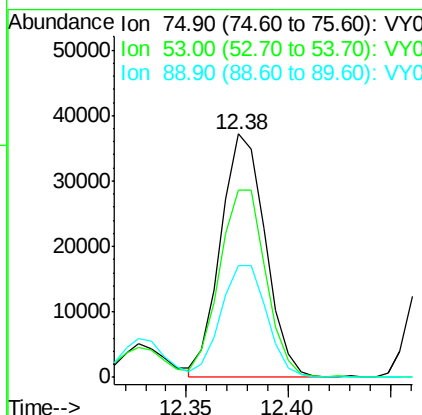
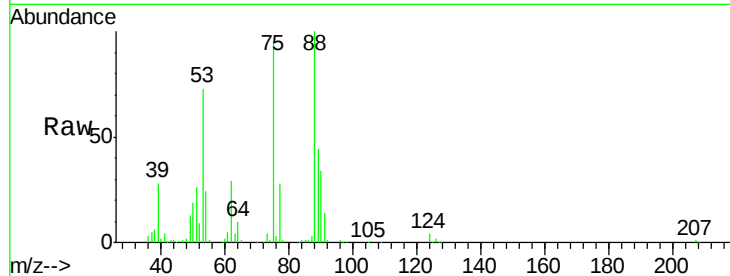
#81
trans-1,4-Dichloro-2-butene
Concen: 48.307 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	80.4	65.1	97.7
89	48.0	38.4	57.6

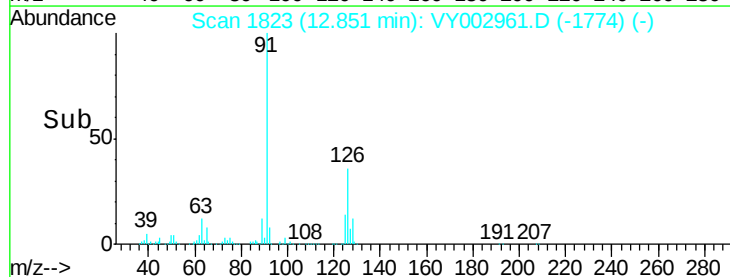
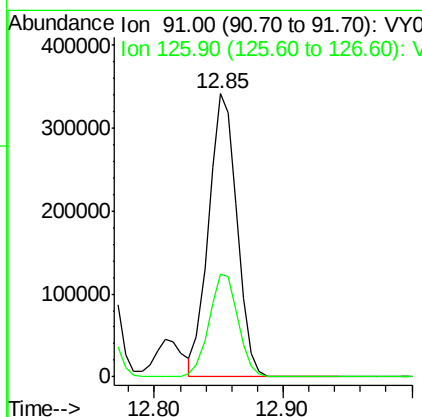
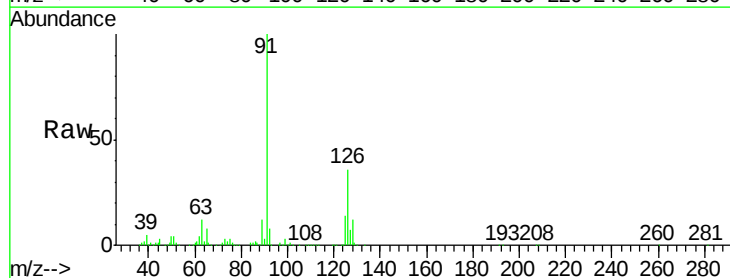
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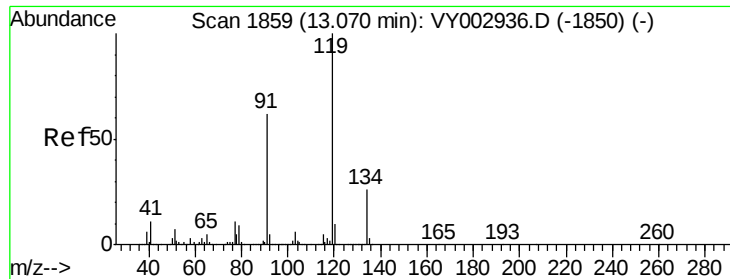
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.215 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.2	18.6	55.8





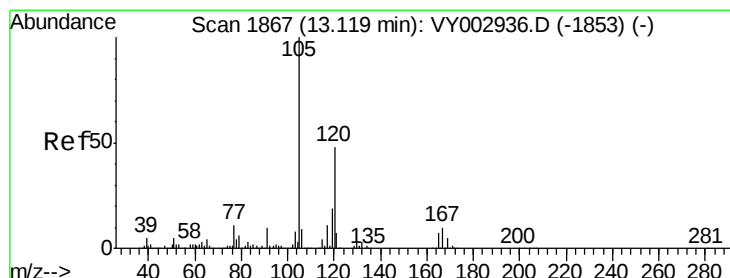
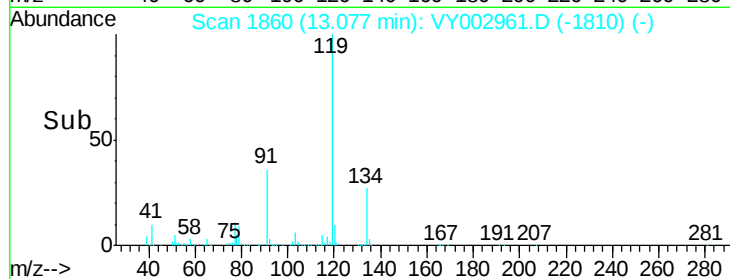
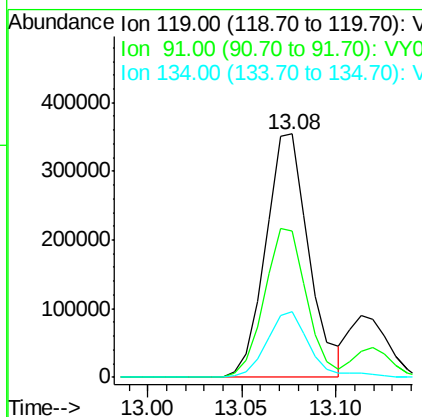
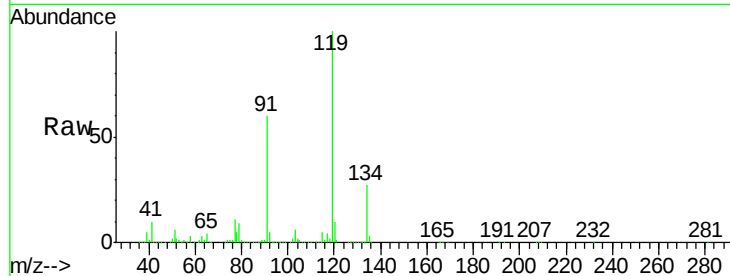
#83
 tert-Butylbenzene
 Concen: 48.516 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.7	29.9	89.7
134	26.8	13.3	39.8

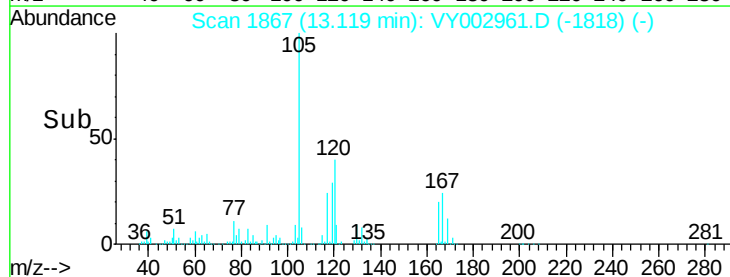
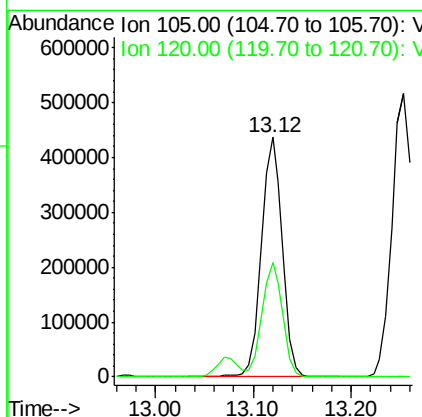
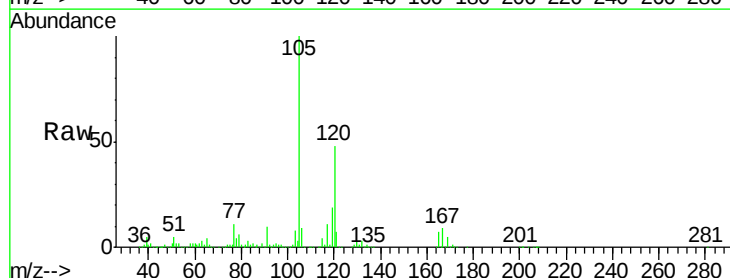
Manual Integrations
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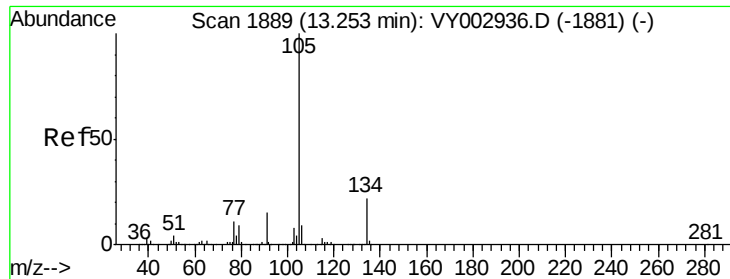
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.588 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.5	70.5





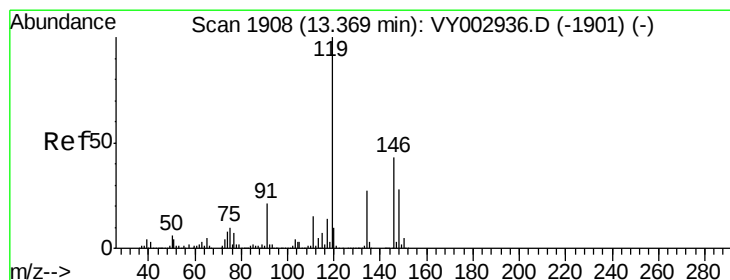
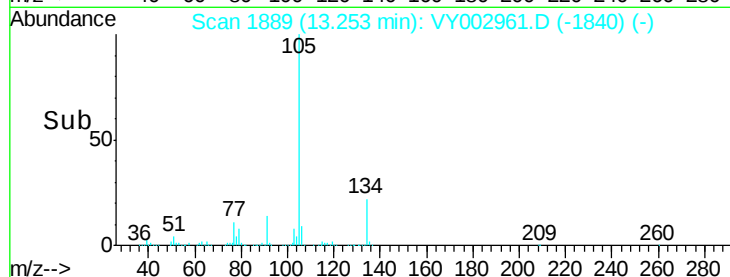
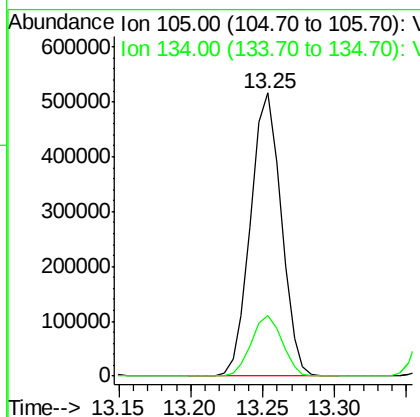
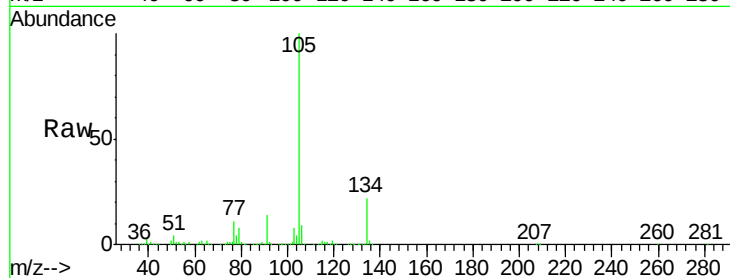
#85
 sec-Butylbenzene
 Concen: 48.123 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.8	32.4

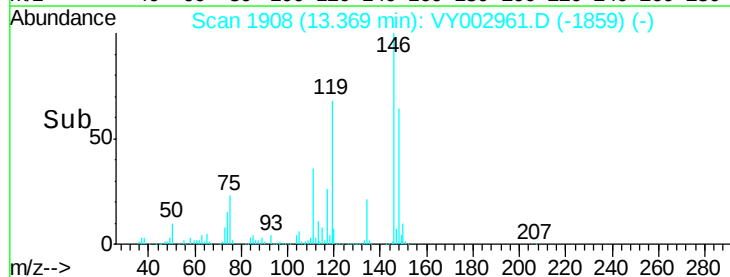
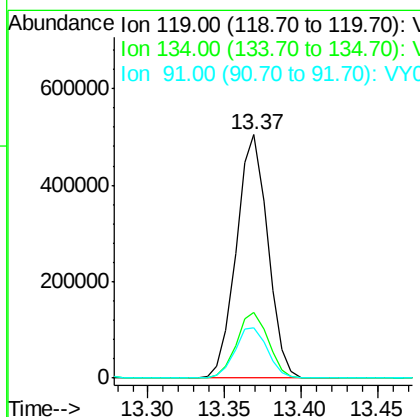
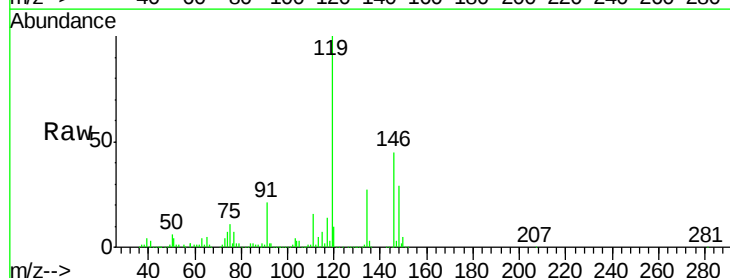
Manual Integrations
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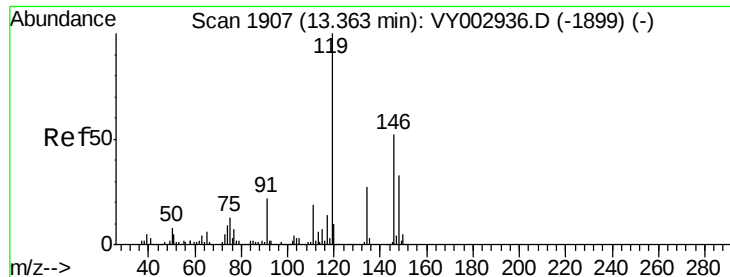
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#86
 p-Isopropyltoluene
 Concen: 48.446 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.6	40.8
91	21.4	10.8	32.4





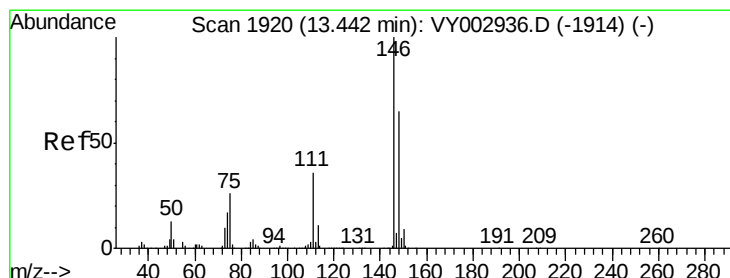
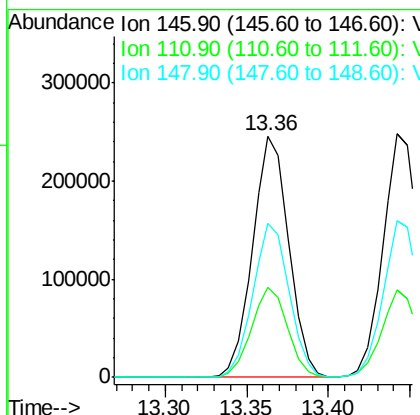
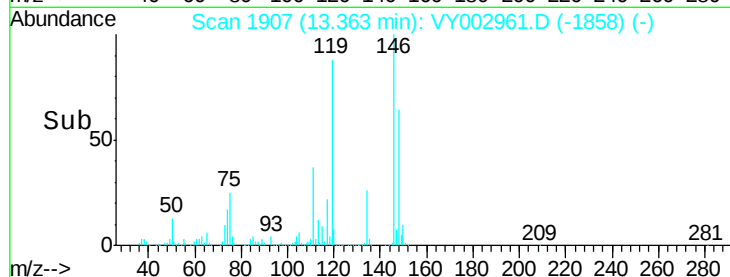
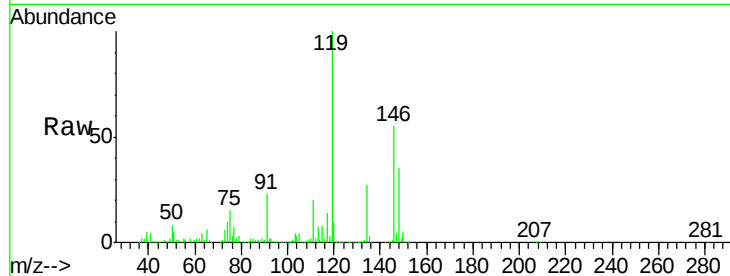
#87
 1,3-Dichlorobenzene
 Concen: 49.228 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.2	54.6
148	64.3	31.9	95.7

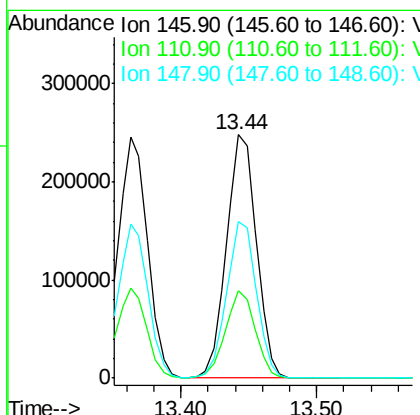
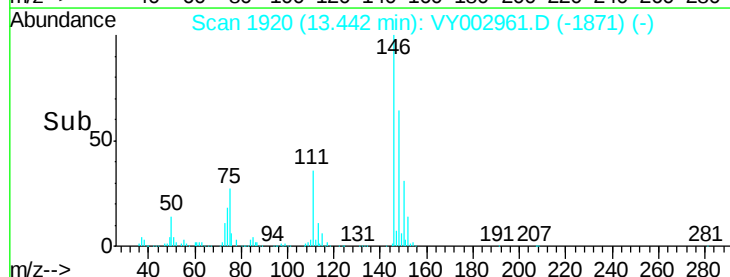
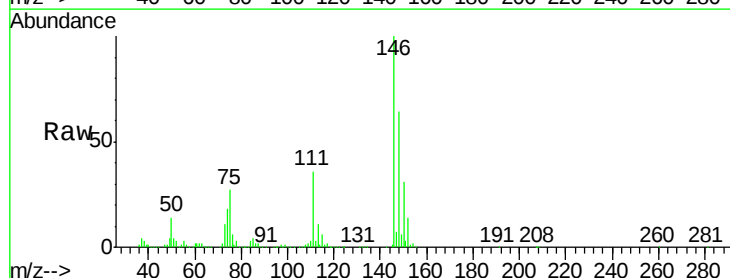
Manual Integrations
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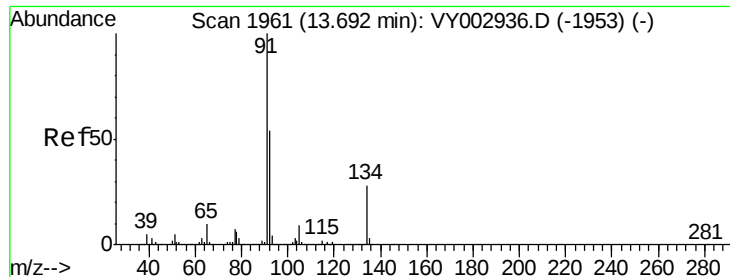
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#88
 1,4-Dichlorobenzene
 Concen: 49.367 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	17.9	53.8
148	64.1	32.1	96.5





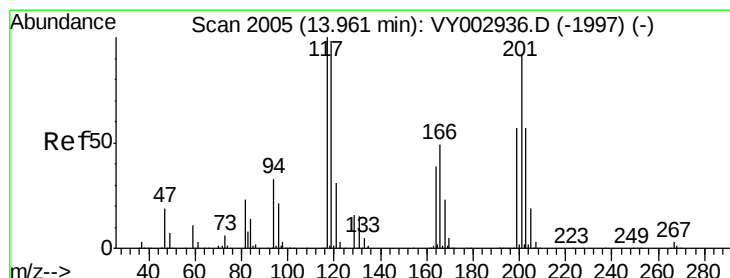
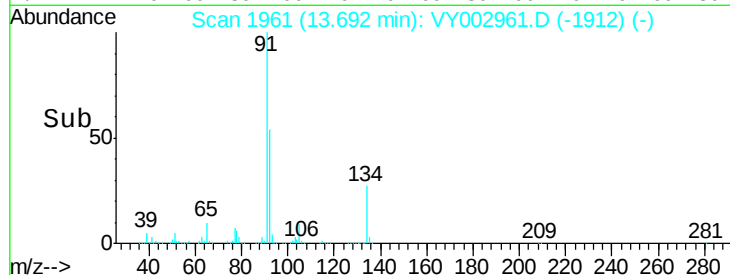
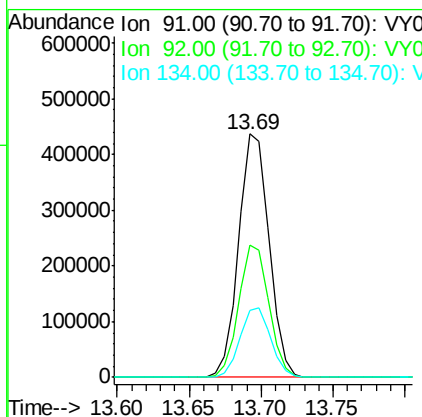
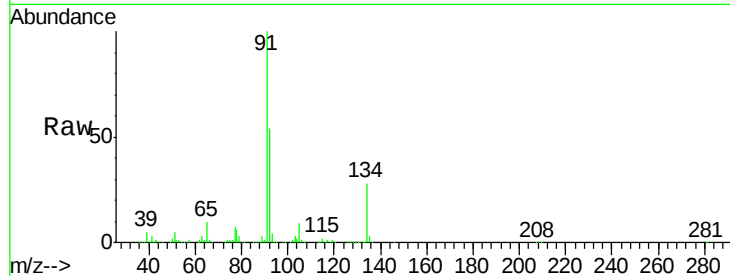
#89
n-Butylbenzene
Concen: 47.809 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.0	80.8
134	28.6	14.5	43.5

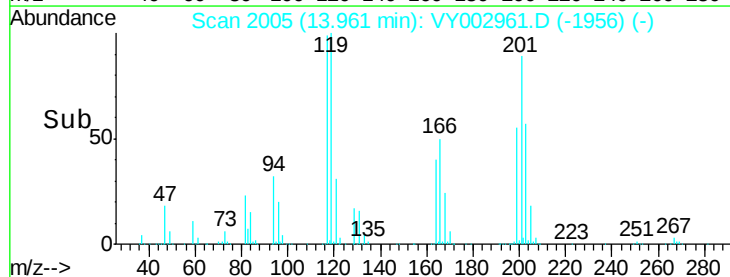
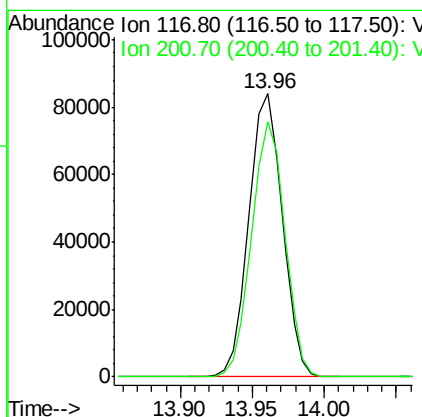
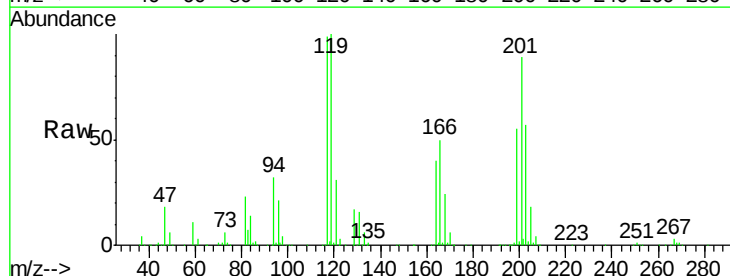
Manual Integrations
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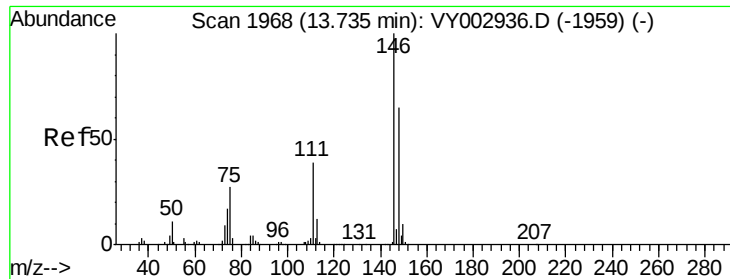
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#90
Hexachloroethane
Concen: 48.944 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.4	45.1	135.5





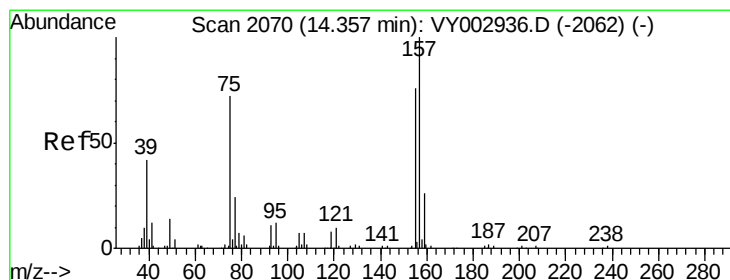
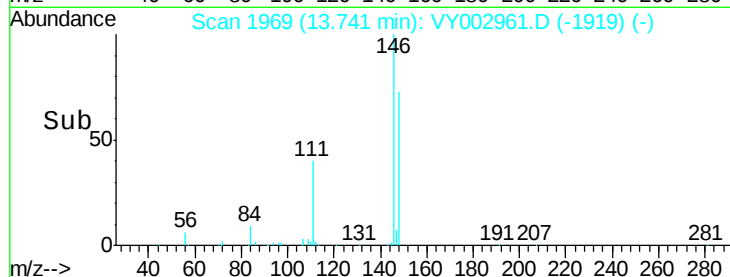
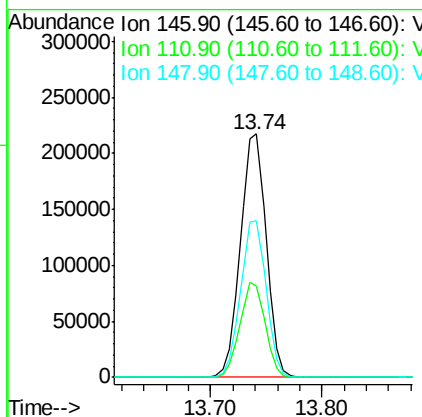
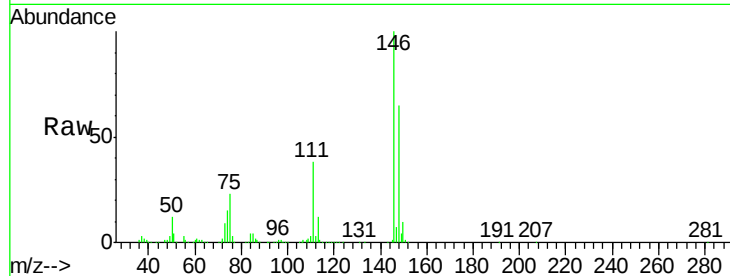
#91
 1,2-Dichlorobenzene
 Concen: 49.889 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	64.3	32.0	96.2

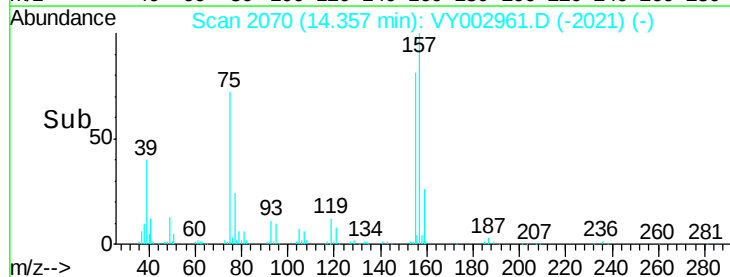
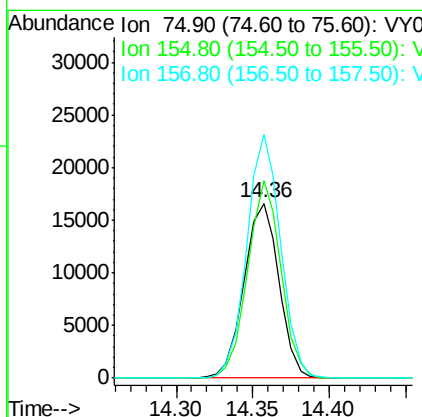
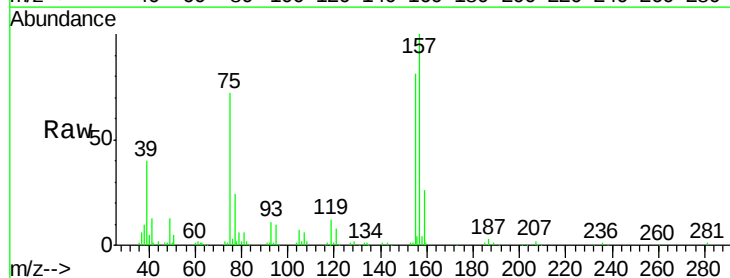
Manual Integrations
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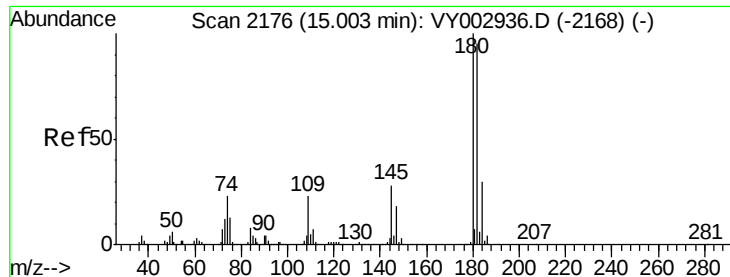
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.836 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.4	53.1	159.4
157	135.0	69.0	206.9





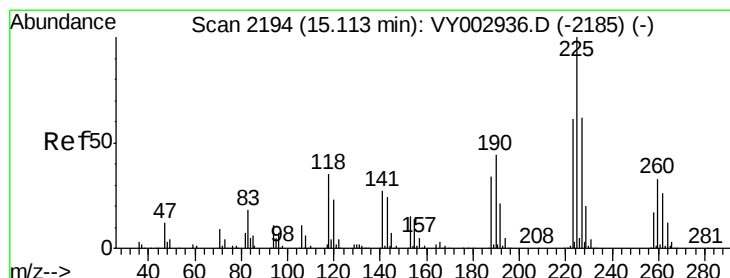
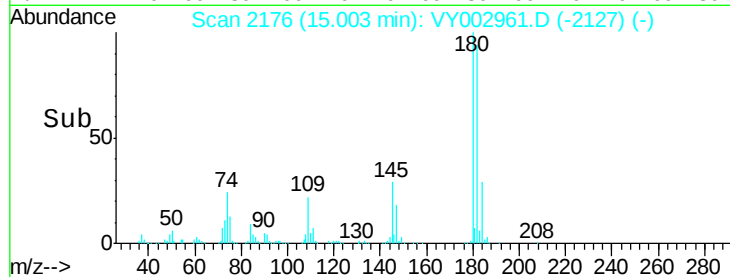
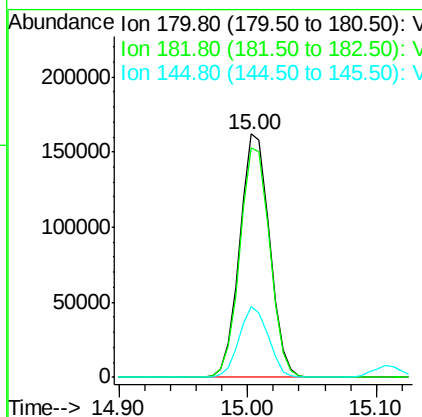
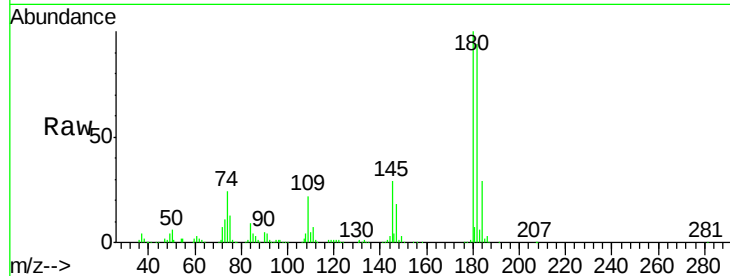
#93
 1,2,4-Trichlorobenzene
 Concen: 49.421 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	259091		
182	94.6	47.9	143.6	
145	28.5	14.1	42.3	

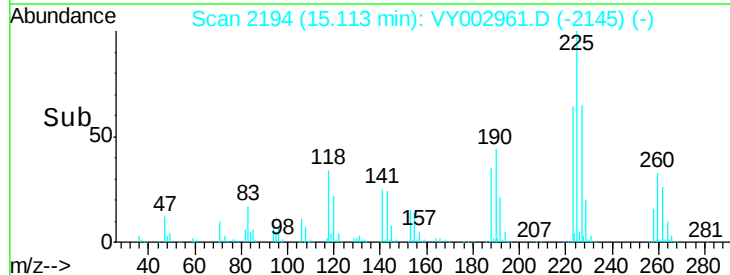
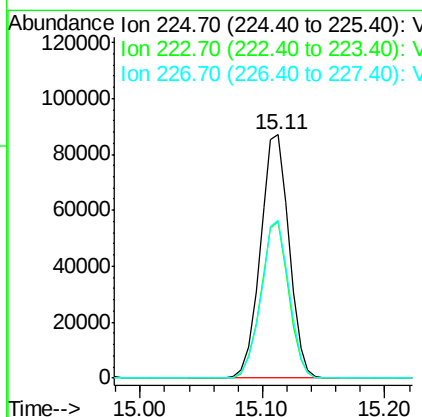
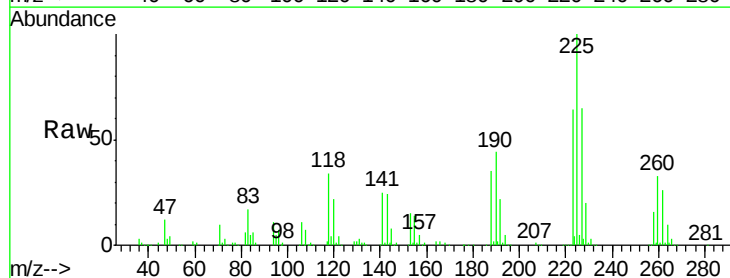
Manual Integrations
 APPROVED

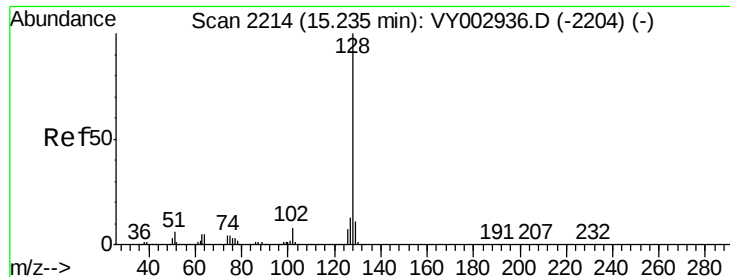
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 46.821 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002961.D
 Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141480		
223	62.7	31.3	93.8	
227	63.4	31.9	95.7	





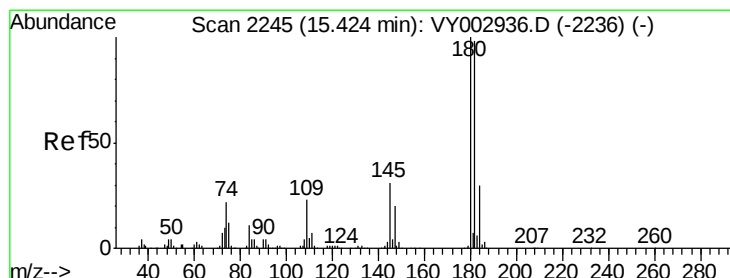
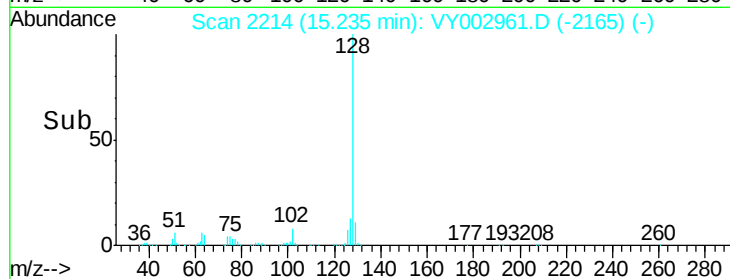
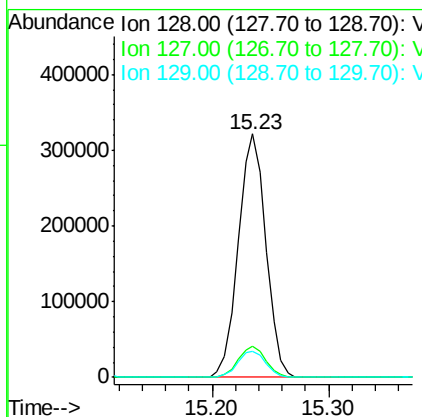
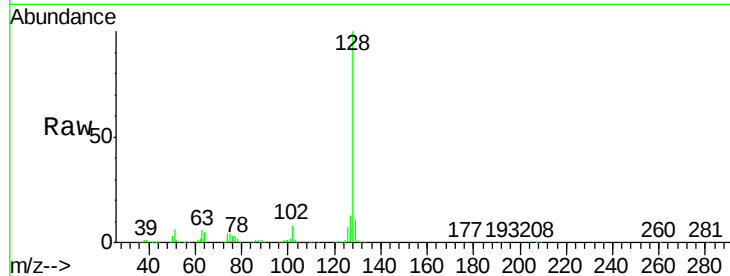
#95
Naphthalene
Concen: 50.730 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.807 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002961.D
Acq: 20 Jun 2020 00:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.8	143.3
145	30.2	15.0	45.0

