

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
 Data File : VY000140.D
 Acq On : 23 Sep 2019 18:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:39:36 AM

Quant Time: Sep 24 05:53:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 05:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	246186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	451042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	390663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175860	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	146078	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	7.72	113	136470	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
50) Toluene-d8	10.18	98	565932	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	
62) 4-Bromofluorobenzene	12.48	95	211864	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	108123	44.273	ug/l	98
3) Chloromethane	2.11	50	138111	37.135	ug/l	98
4) Vinyl Chloride	2.25	62	149254	39.433	ug/l	100
5) Bromomethane	2.64	94	92807	39.585	ug/l	99
6) Chloroethane	2.78	64	94668	40.485	ug/l	94
7) Trichlorofluoromethane	3.12	101	209751	48.516	ug/l	99
8) Diethyl Ether	3.53	74	97551	52.638	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.89	101	143936	50.211	ug/l	96
10) Methyl Iodide	4.09	142	223942	60.895	ug/l	94
11) Tert butyl alcohol	4.96	59	76066	260.348	ug/l	99
12) 1,1-Dichloroethene	3.87	96	150746	50.915	ug/l	93
13) Acrolein	3.73	56	18197	153.291	ug/l	87
14) Allyl chloride	4.48	41	226689	54.241	ug/l	93
15) Acrylonitrile	5.17	53	232757	259.091	ug/l	99
16) Acetone	3.95	43	136337	247.827	ug/l	96
17) Carbon Disulfide	4.18	76	499884	49.003	ug/l	99
18) Methyl Acetate	4.48	43	104475	51.840	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	410126	53.308	ug/l	99
20) Methylene Chloride	4.71	84	195550	52.895	ug/l	94
21) trans-1,2-Dichloroethene	5.21	96	168945	50.599	ug/l	98
22) Diisopropyl ether	6.12	45	472554	53.033	ug/l	95
23) Vinyl Acetate	6.06	43	1530638	257.759	ug/l	99
24) 1,1-Dichloroethane	6.02	63	273259	51.479	ug/l	98
25) 2-Butanone	6.99	43	261880	256.578	ug/l	96
26) 2,2-Dichloropropane	6.98	77	216821	45.073	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	184632	49.683	ug/l	95
28) Bromochloromethane	7.34	49	114574	55.235	ug/l	99
29) Tetrahydrofuran	7.35	42	186376	269.647	ug/l	95
30) Chloroform	7.51	83	258069	48.292	ug/l	97
31) Cyclohexane	7.78	56	269242	48.915	ug/l	100
32) 1,1,1-Trichloroethane	7.70	97	213924	48.658	ug/l	99
36) 1,1-Dichloropropene	7.92	75	211324	50.601	ug/l	98
37) Ethyl Acetate	7.08	43	121880	55.261	ug/l	98
38) Carbon Tetrachloride	7.90	117	178070	49.680	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	302686	52.697	ug/l	95
40) Benzene	8.16	78	657355	51.000	ug/l	100
41) Methacrylonitrile	7.32	41	60453m	55.672	ug/l	
42) 1,2-Dichloroethane	8.24	62	173296	52.723	ug/l	99
43) Isopropyl Acetate	8.27	43	232803	52.772	ug/l	99
44) Trichloroethene	8.94	130	161643	50.507	ug/l	97
45) 1,2-Dichloropropane	9.22	63	161309	51.814	ug/l	99
46) Dibromomethane	9.31	93	85148	49.179	ug/l	95
47) Bromodichloromethane	9.49	83	201919	50.935	ug/l	97
48) Methyl methacrylate	9.29	41	101243	53.704	ug/l #	93
49) 1,4-Dioxane	9.29	88	27053	989.729	ug/l #	84
51) 4-Methyl-2-Pentanone	10.07	43	599670	266.761	ug/l	98
52) Toluene	10.24	92	396256	49.751	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	217523	50.319	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	259502	51.777	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	153302	61.829	ug/l	99
56) Ethyl methacrylate	10.51	69	216404	61.962	ug/l	93
57) 1,3-Dichloropropane	10.79	76	221577	51.403	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	463101	268.579	ug/l	98
59) 2-Hexanone	10.83	43	510691	324.328	ug/l	89
60) Dibromochloromethane	10.98	129	131382	50.700	ug/l	94
61) 1,2-Dibromoethane	11.09	107	120714	51.804	ug/l	95
64) Tetrachloroethene	10.71	164	153000	51.452	ug/l	92
65) Chlorobenzene	11.51	112	408909	51.562	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	133933	52.559	ug/l	98
67) Ethyl Benzene	11.59	91	740027	51.336	ug/l	98
68) m/p-Xylenes	11.70	106	563012	101.280	ug/l	96
69) o-Xylene	12.02	106	270839	50.966	ug/l	96
70) Styrene	12.04	104	470576	52.409	ug/l	98
71) Bromoform	12.21	173	77493	53.860	ug/l #	99
73) Isopropylbenzene	12.32	105	731791	52.263	ug/l	100
74) N-amyl acetate	12.14	43	302754	77.581	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.58	83	159525	57.061	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	113736m	61.713	ug/l	
77) Bromobenzene	12.60	156	167247	57.121	ug/l	94
78) n-propylbenzene	12.66	91	964089	55.673	ug/l	99
79) 2-Chlorotoluene	12.75	91	485075	51.026	ug/l	98
80) 1,3,5-Trimethylbenzene	12.80	105	577724	49.303	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	58891	52.524	ug/l #	84
82) 4-Chlorotoluene	12.85	91	506255	51.633	ug/l	99
83) tert-Butylbenzene	13.07	119	484043	50.428	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	584284	49.965	ug/l	100
85) sec-Butylbenzene	13.25	105	737749	51.416	ug/l	100
86) p-Isopropyltoluene	13.37	119	603060	49.293	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	290506	50.709	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	297432	50.864	ug/l	99
89) n-Butylbenzene	13.69	91	660649	52.645	ug/l	99
90) Hexachloroethane	13.96	117	124064	51.207	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	268678	49.713	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.35	75	25489	49.604	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	178173	51.274	ug/l	97
94) Hexachlorobutadiene	15.10	225	83681	54.181	ug/l	99
95) Naphthalene	15.23	128	446445	50.823	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	161356	52.063	ug/l	98

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

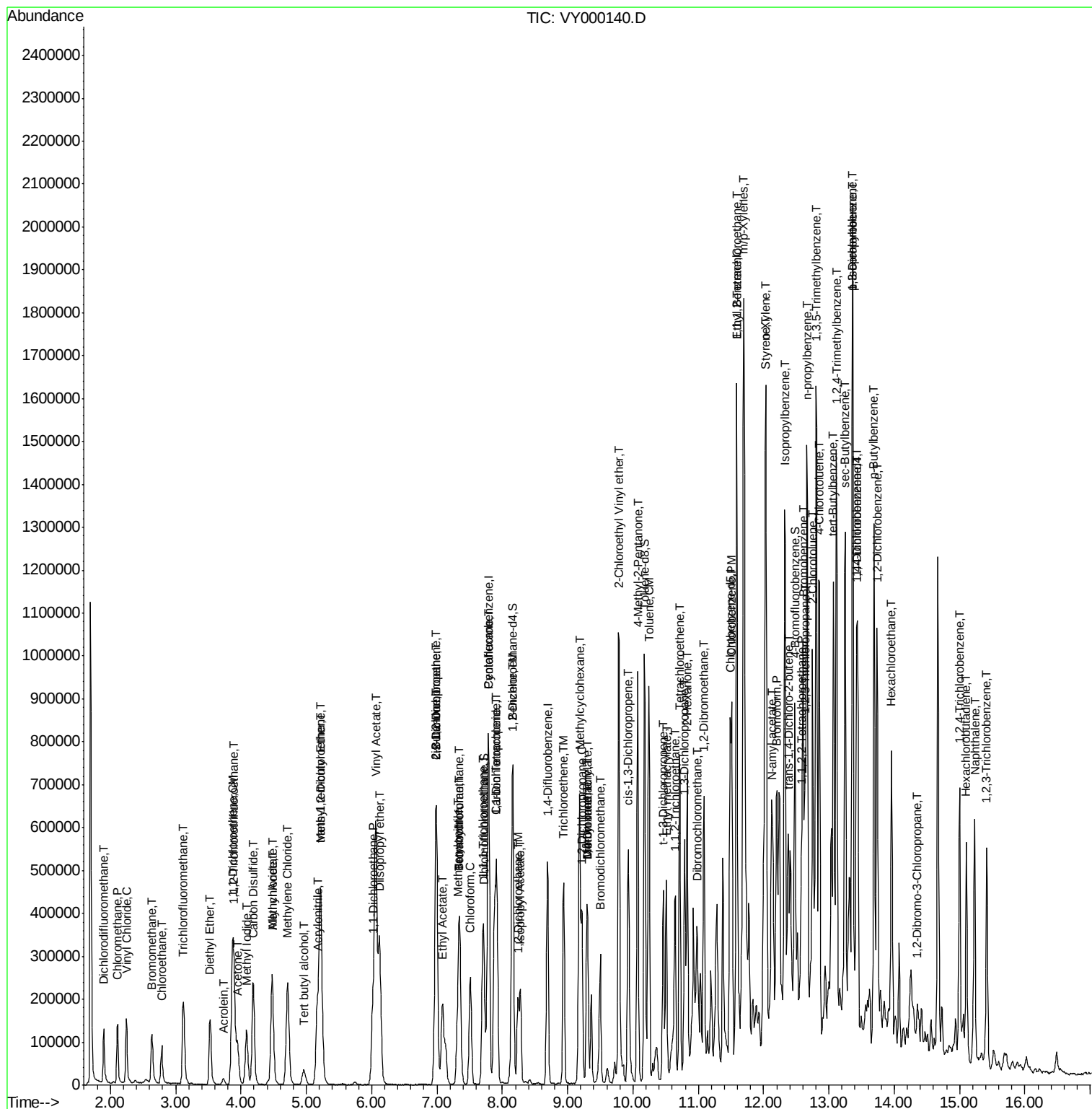
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
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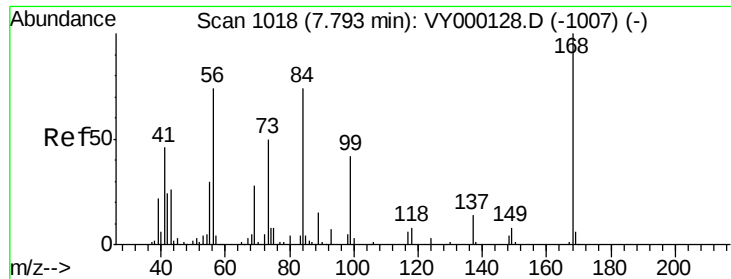
Instrument :
 MSVOA_Y
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 246186

Ion Ratio Lower Upper

168 100

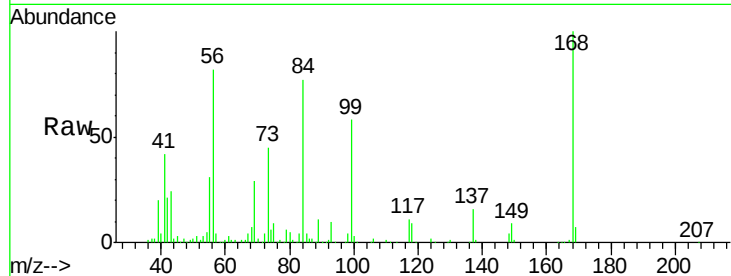
99 58.4 49.9 74.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000140.D (-969) (-)

Ion 98.90 (98.60 to 99.60): VY000140.D (-969) (-)

120000

100000

80000

60000

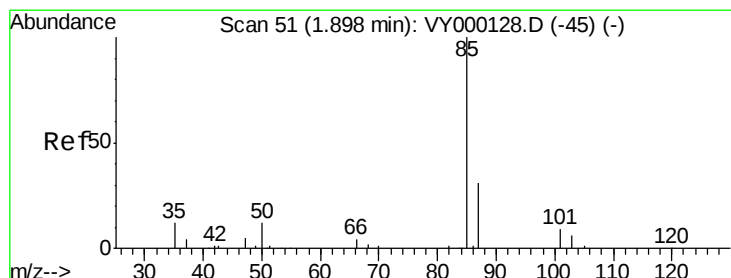
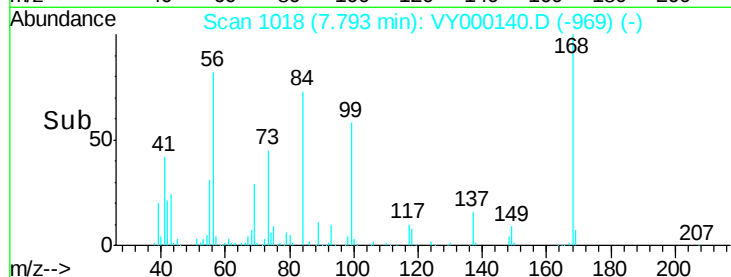
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.273 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000140.D

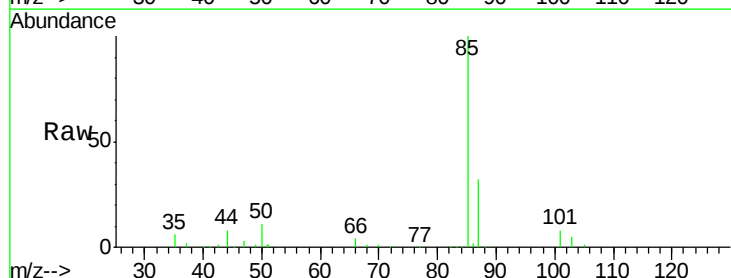
Acq: 23 Sep 2019 18:53

Tgt Ion: 85 Resp: 108123

Ion Ratio Lower Upper

85 100

87 32.2 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VY000140.D (-2) (-)

Ion 86.90 (86.60 to 87.60): VY000140.D (-2) (-)

80000

60000

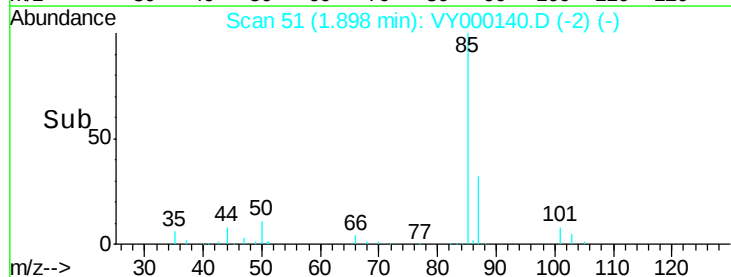
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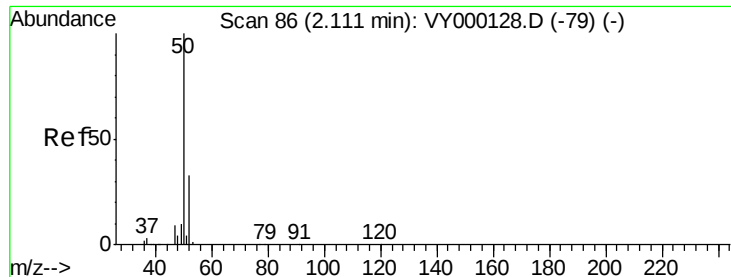
20000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 37.135 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 138111

Ion Ratio Lower Upper

50 100

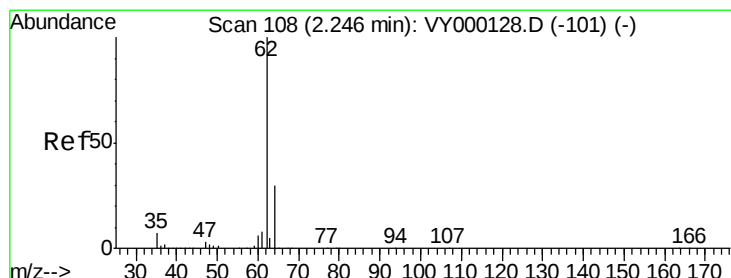
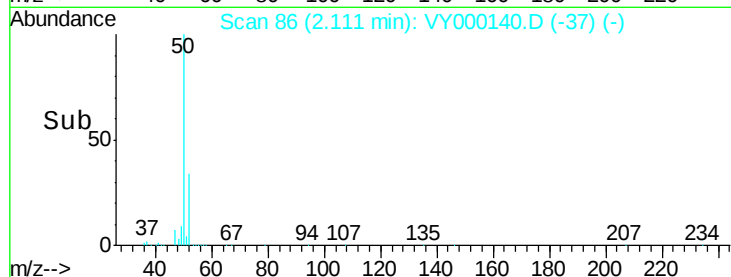
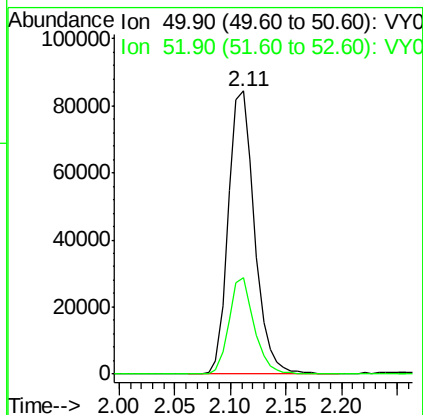
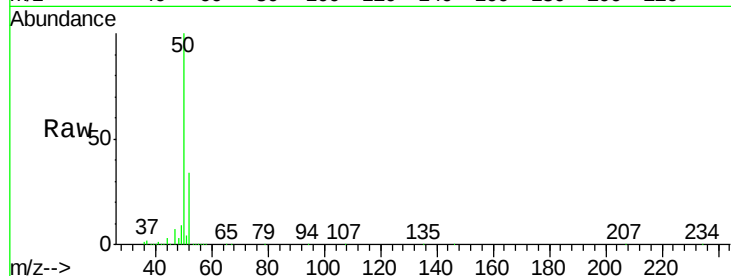
52 34.1 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 39.433 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000140.D

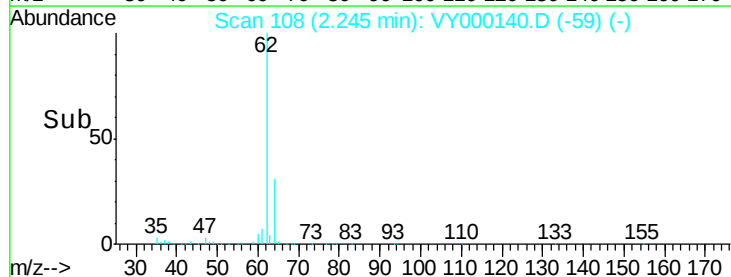
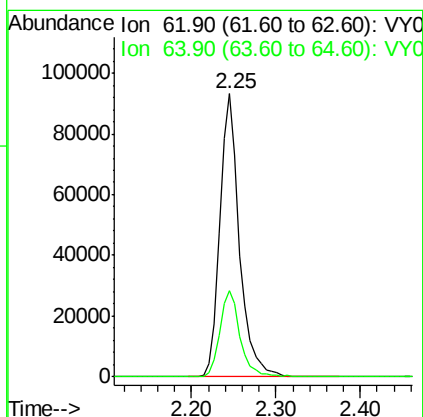
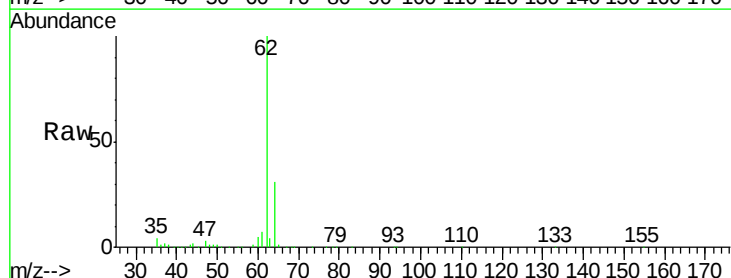
Acq: 23 Sep 2019 18:53

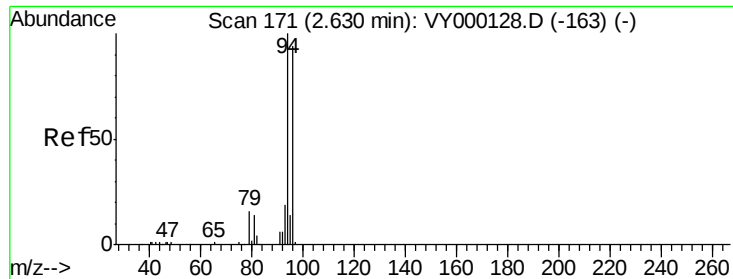
Tgt Ion: 62 Resp: 149254

Ion Ratio Lower Upper

62 100

64 30.6 24.4 36.6





#5

Bromomethane

Concen: 39.585 ug/l

RT: 2.64 min Scan# 172

Delta R.T. 0.01 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 92807

Ion Ratio Lower Upper

94 100

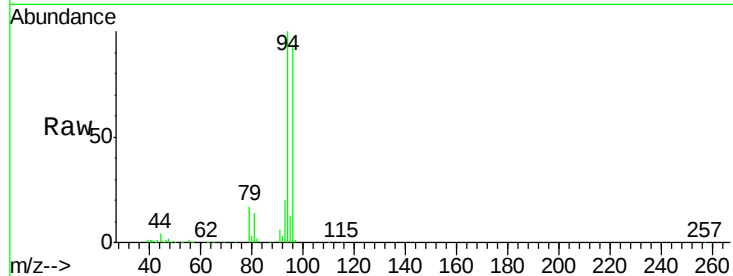
96 92.7 75.1 112.7

Manual Integrations

APPROVED

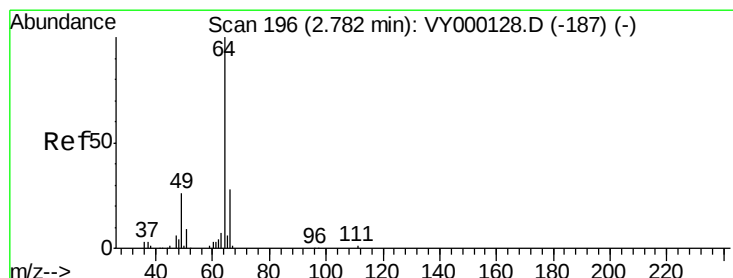
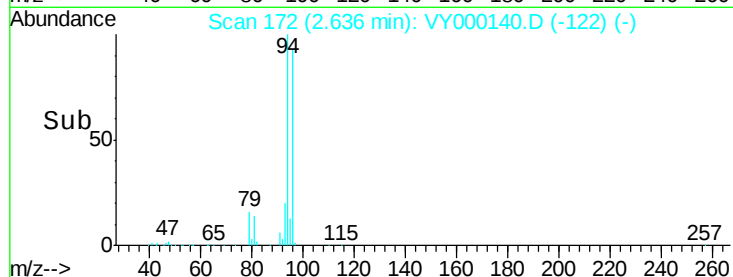
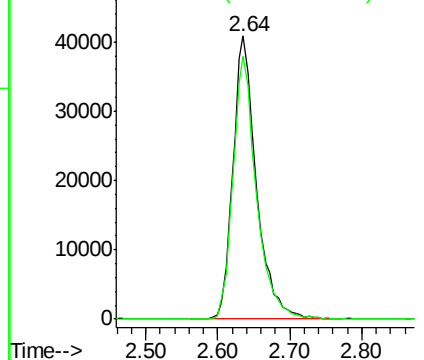
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 40.485 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VY000140.D

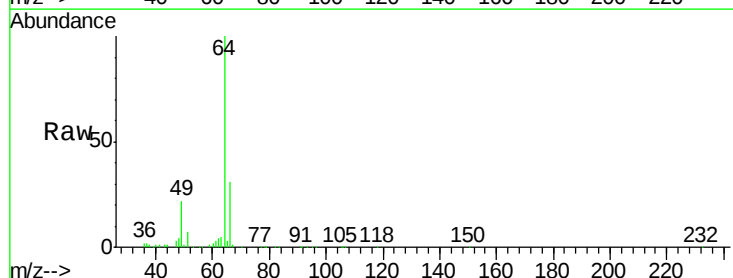
Acq: 23 Sep 2019 18:53

Tgt Ion: 64 Resp: 94668

Ion Ratio Lower Upper

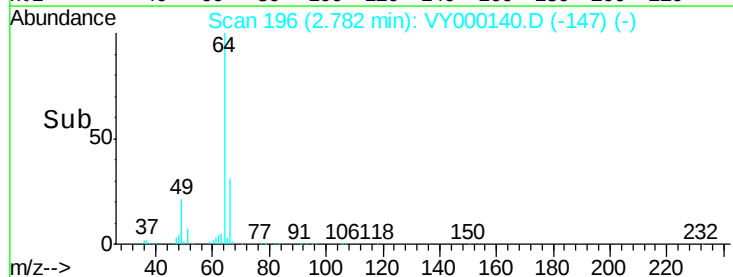
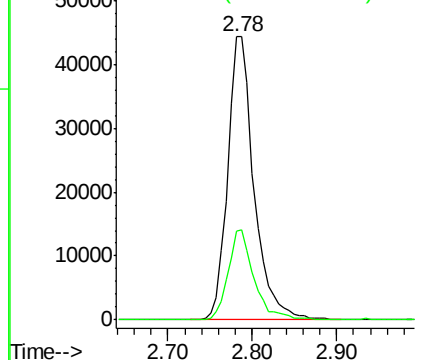
64 100

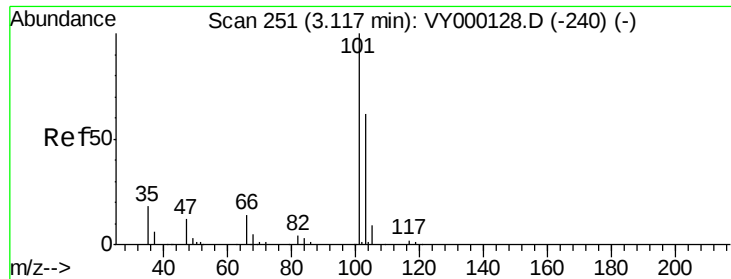
66 31.2 22.4 33.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

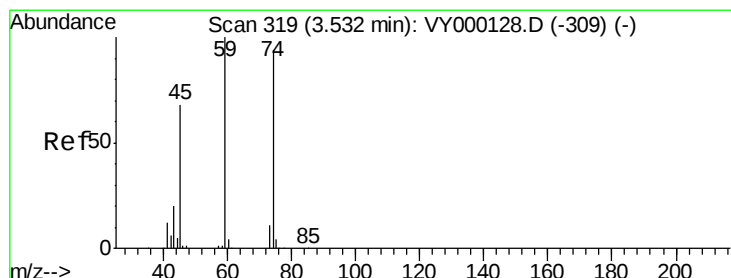
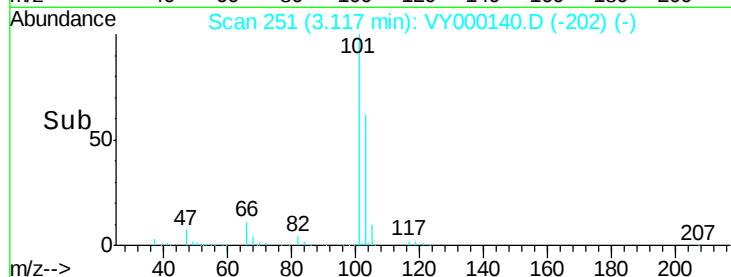
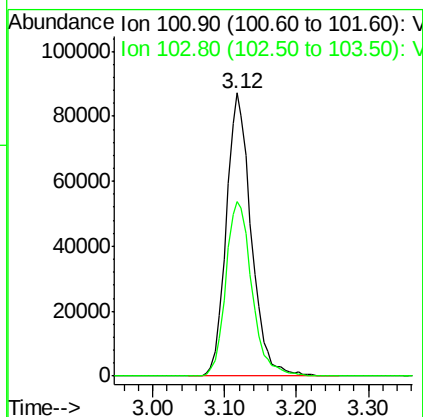
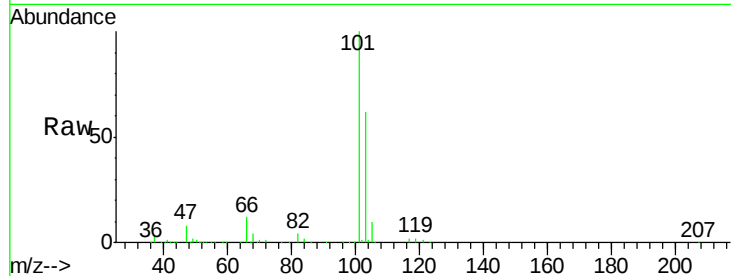
Trichlorofluoromethane
 Concen: 48.516 ug/l
 RT: 3.12 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VY000140.D
 Acq: 23 Sep 2019 18:53

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	209751		
103	61.5	49.9	74.9	

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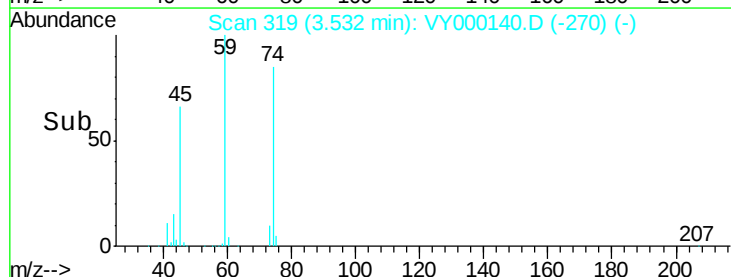
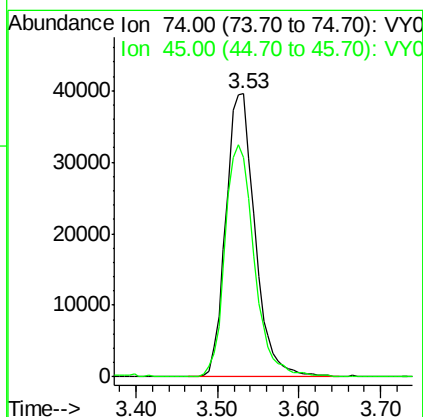
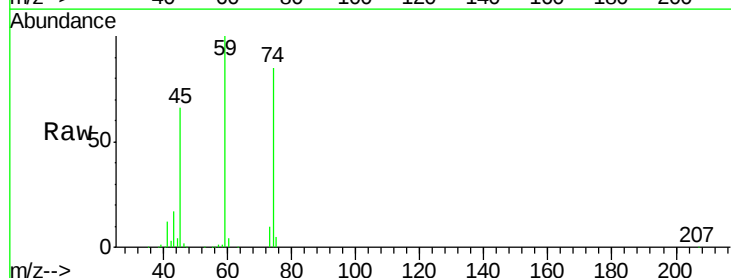
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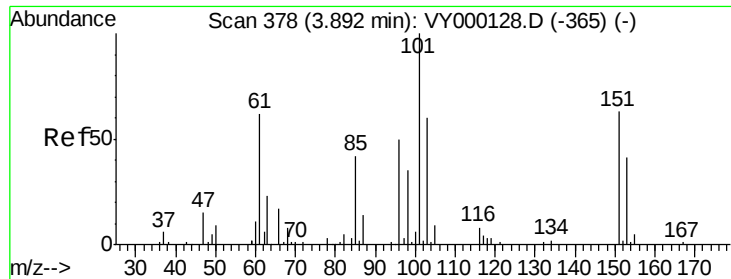


#8

Diethyl Ether
 Concen: 52.638 ug/l
 RT: 3.53 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VY000140.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	97551		
45	82.7	40.1	120.2	





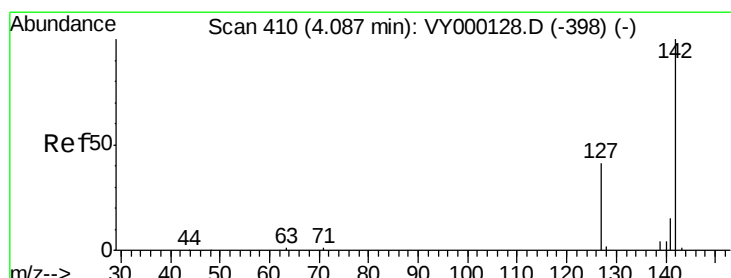
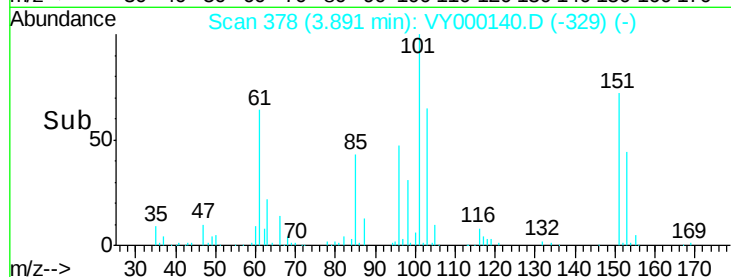
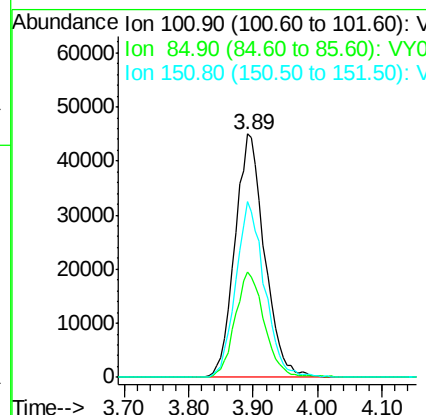
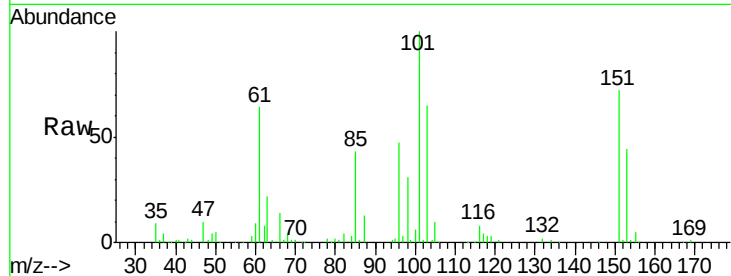
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.211 ug/l
RT: 3.89 min Scan# 378
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	143936		
85	43.0	36.7	55.1	
151	70.3	53.9	80.9	

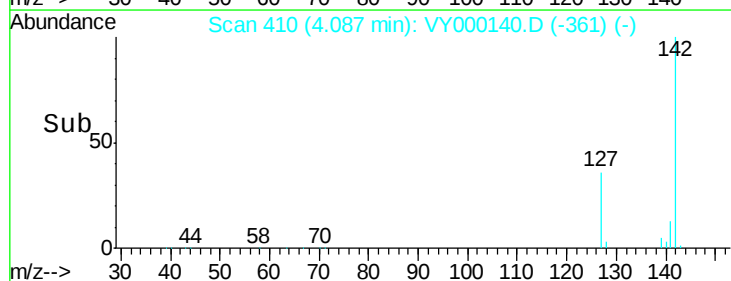
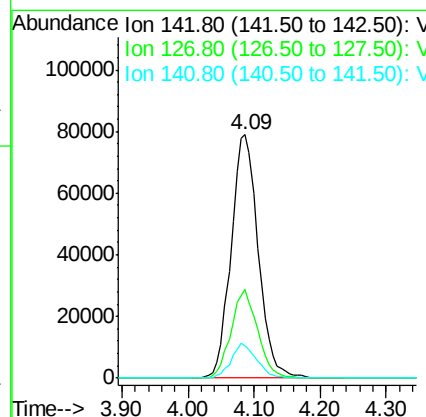
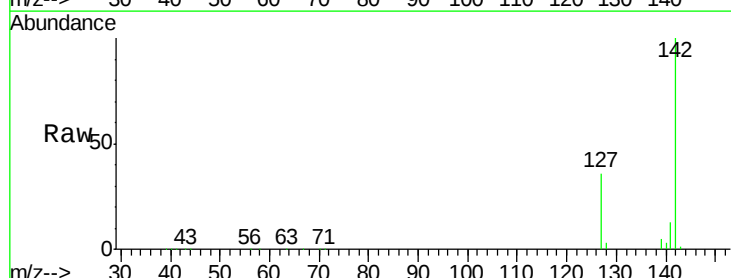
Manual Integrations
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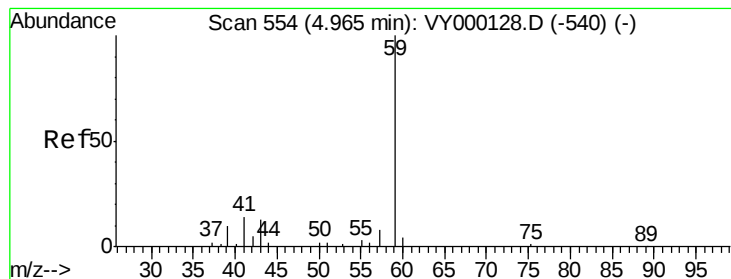
MMDadoda
9/25/2019 12:39:36 AM



#10
Methyl Iodide
Concen: 60.895 ug/l
RT: 4.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	223942		
127	35.7	32.8	49.2	
141	13.4	10.8	16.2	





#11

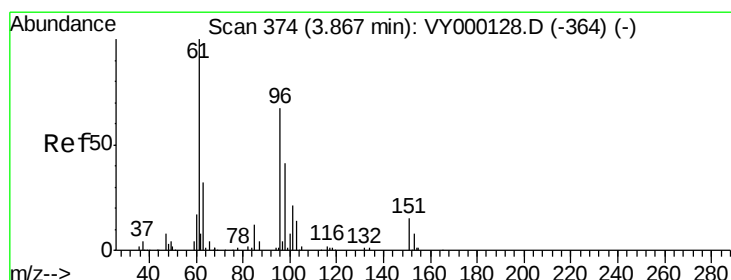
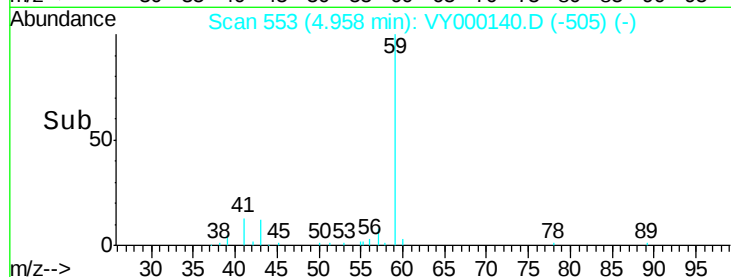
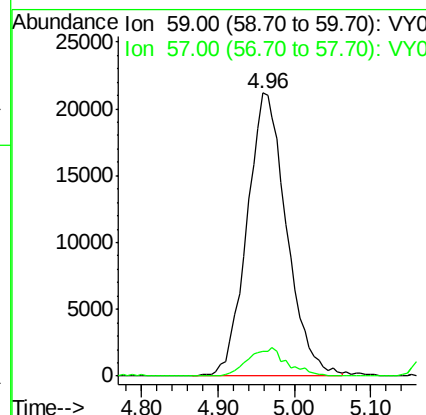
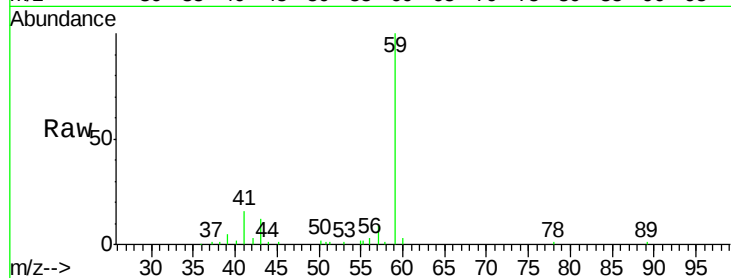
Tert butyl alcohol
Concen: 260.348 ug/l
RT: 4.96 min Scan# 553
Delta R.T. -0.01 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	76066		
57	9.9		8.2	12.4

Manual Integrations
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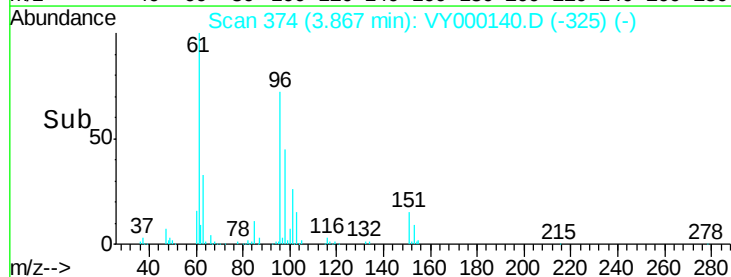
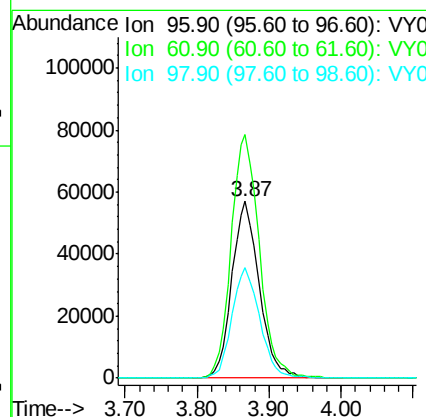
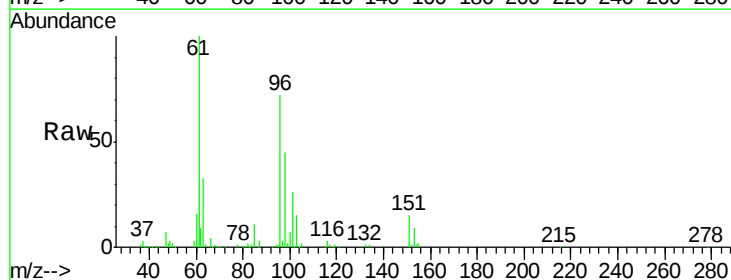
MMDadoda
9/25/2019 12:39:36 AM

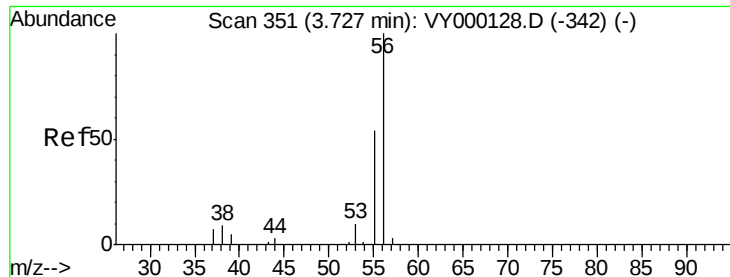


#12

1,1-Dichloroethene
Concen: 50.915 ug/l
RT: 3.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	150746		
61	138.0		119.8	179.6
98	62.3		48.8	73.2





#13

Acrolein

Concen: 153.291 ug/l

RT: 3.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 18197

Ion Ratio Lower Upper

56 100

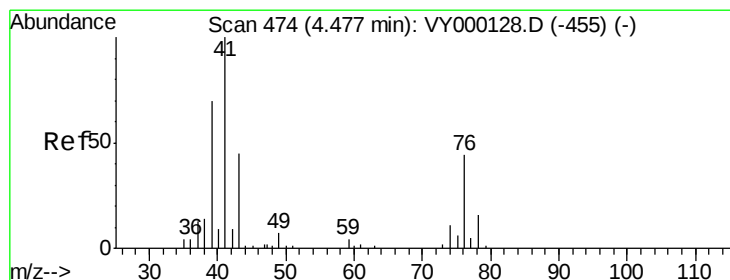
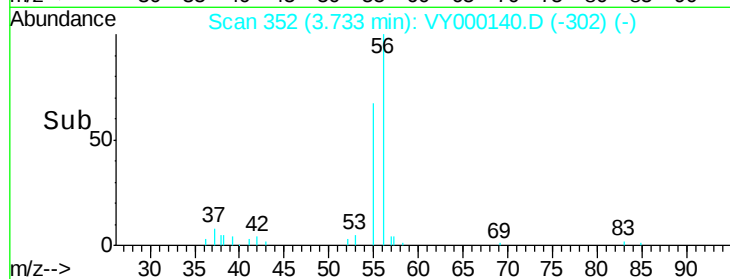
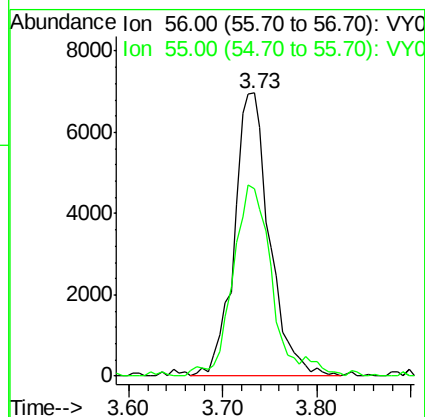
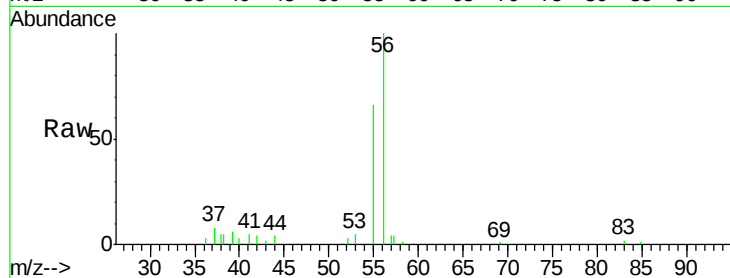
55 71.7 49.4 74.0

Manual Integrations

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#14

Allyl chloride

Concen: 54.241 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

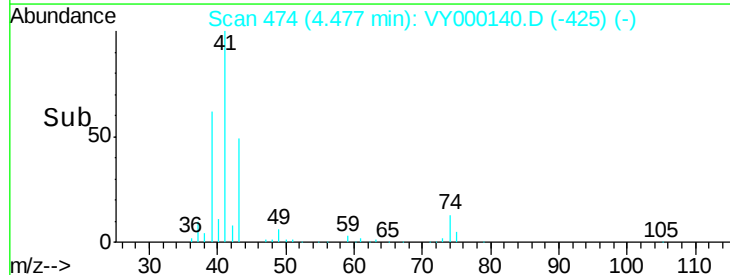
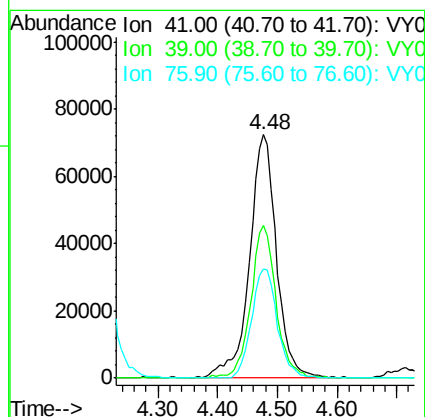
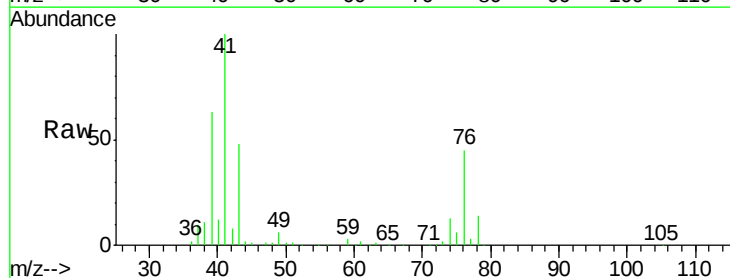
Tgt Ion: 41 Resp: 226689

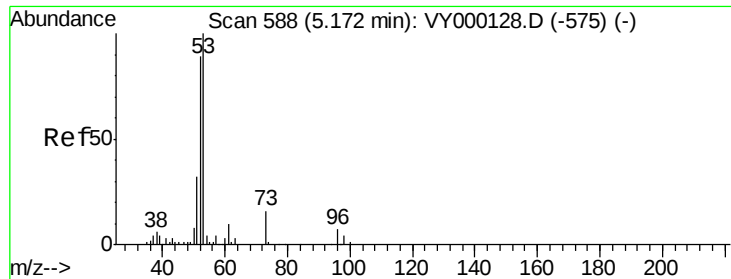
Ion Ratio Lower Upper

41 100

39 58.4 52.7 79.1

76 43.0 36.6 55.0





#15

Acrylonitrile

Concen: 259.091 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.01 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

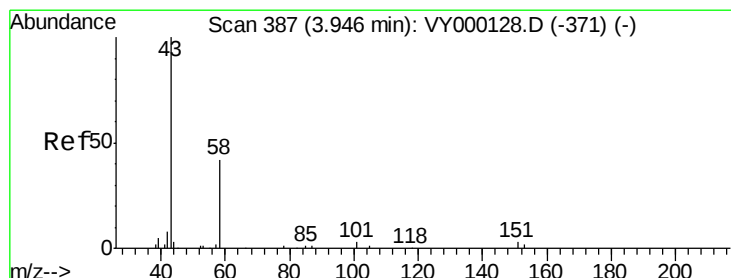
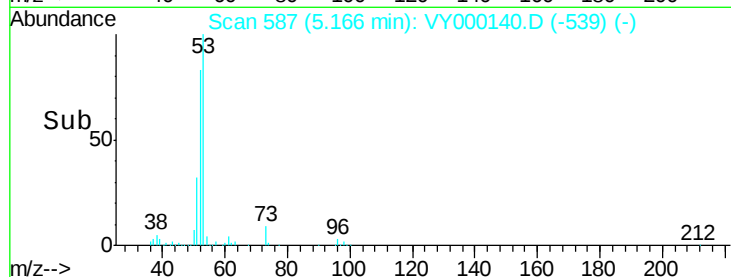
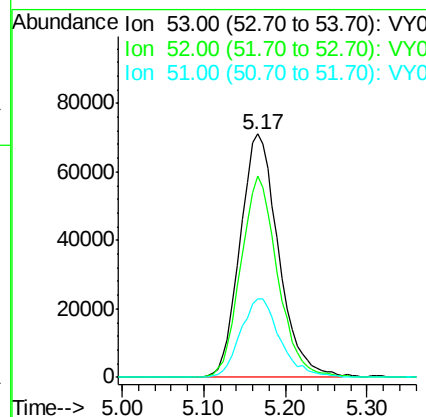
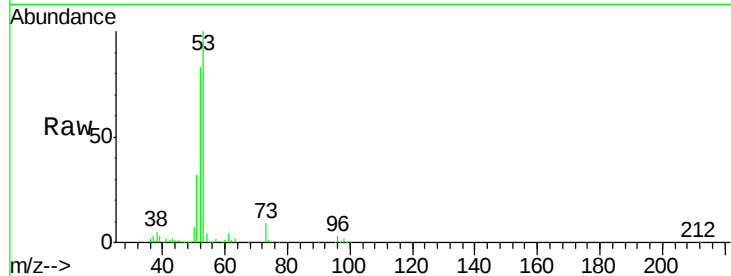
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	232757
Ion Ratio		Lower	Upper
53	100		
52	79.2	63.8	95.8
51	33.5	26.6	40.0

Manual Integrations
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#16

Acetone

Concen: 247.827 ug/l

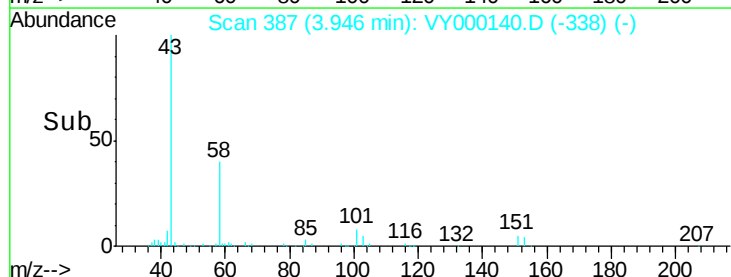
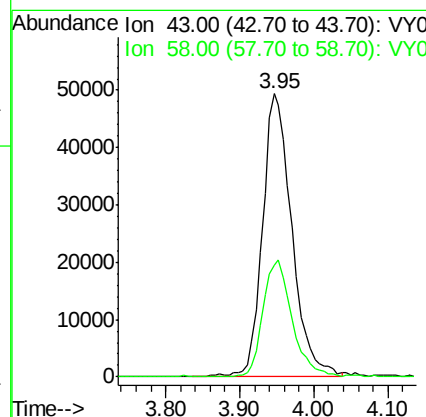
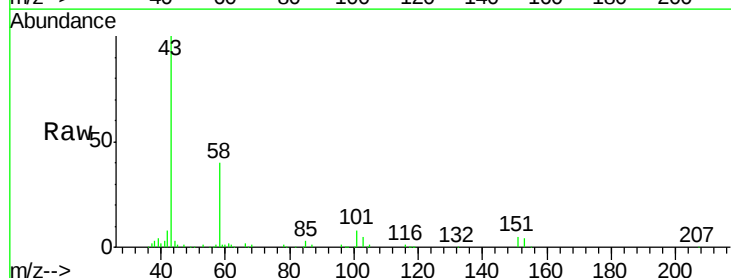
RT: 3.95 min Scan# 387

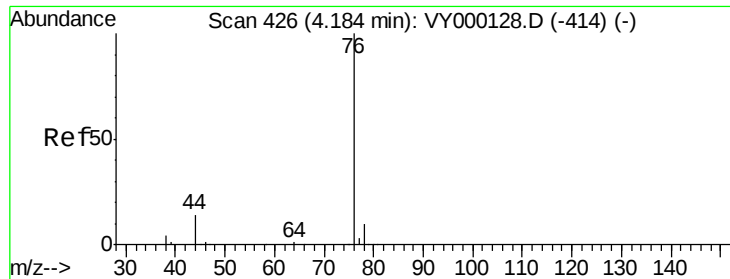
Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Tgt Ion:	43	Resp:	136337
Ion Ratio		Lower	Upper
43	100		
58	39.5	33.5	50.3





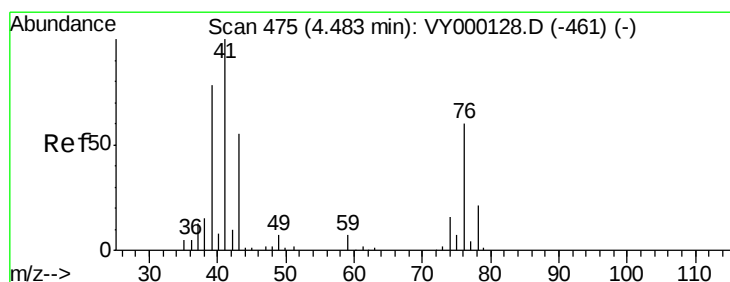
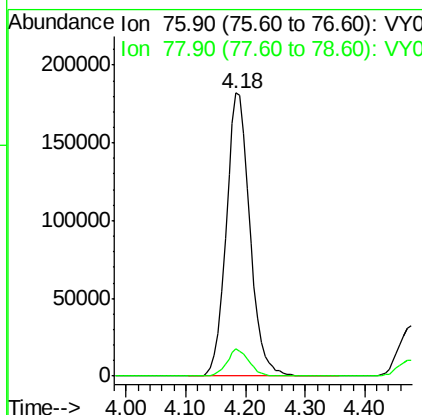
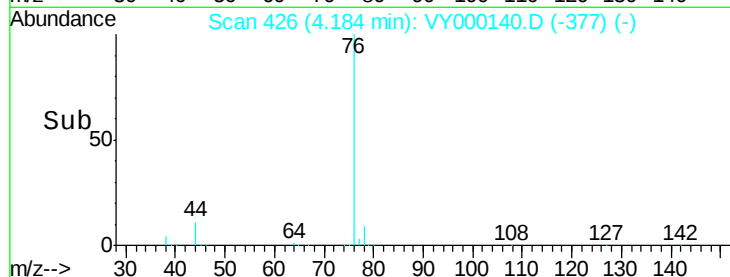
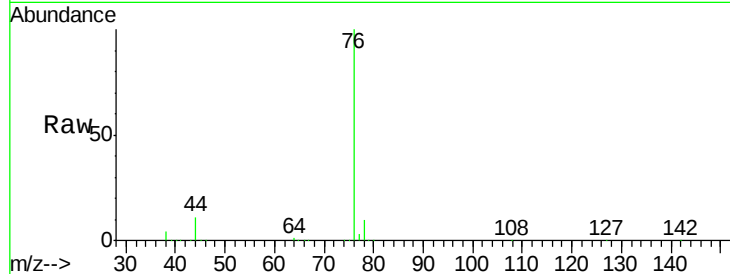
#17
Carbon Disulfide
Concen: 49.003 ug/l
RT: 4.18 min Scan# 426
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.9	11.9

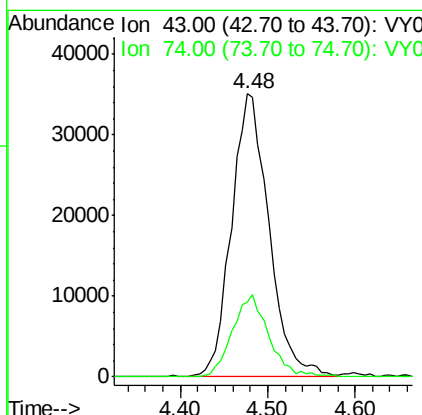
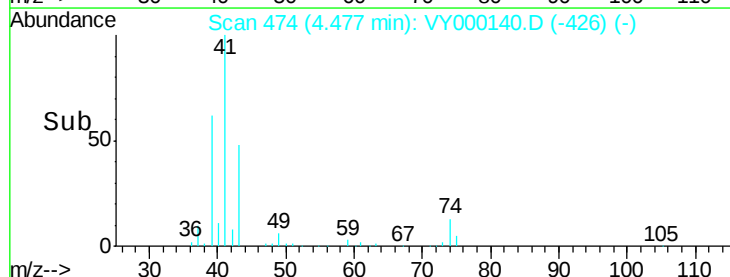
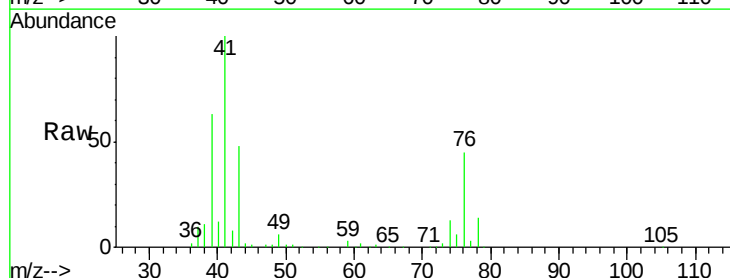
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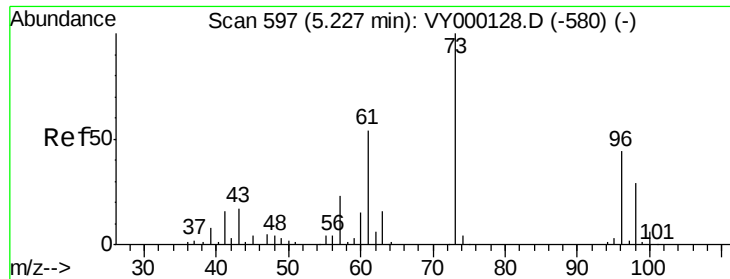
MMDadoda
9/25/2019 12:39:36 AM



#18
Methyl Acetate
Concen: 51.840 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.01 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.3	22.7	34.1





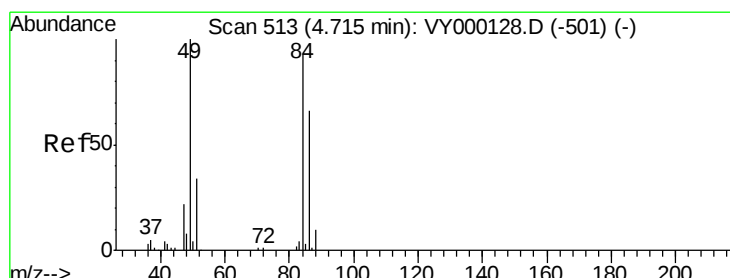
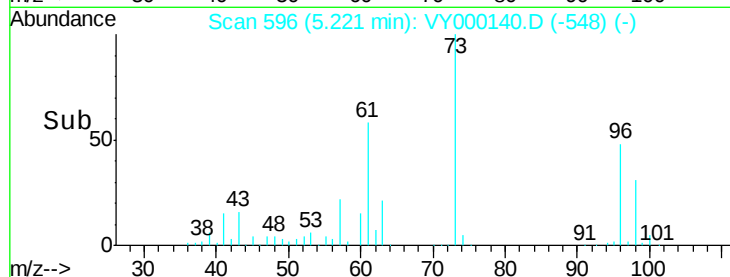
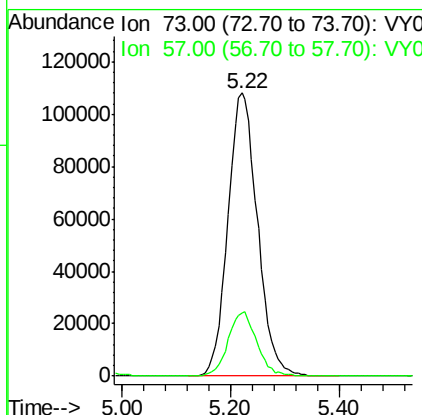
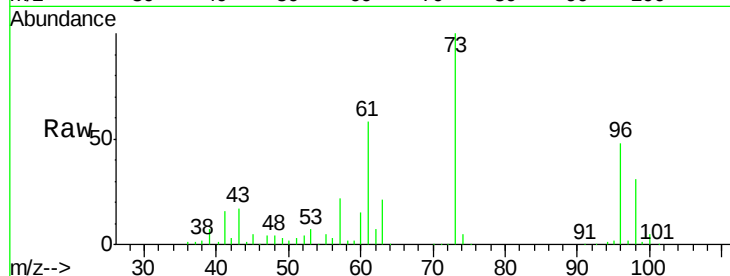
#19
Methvl tert-butvl Ether
Concen: 53.308 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.01 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 410126
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5

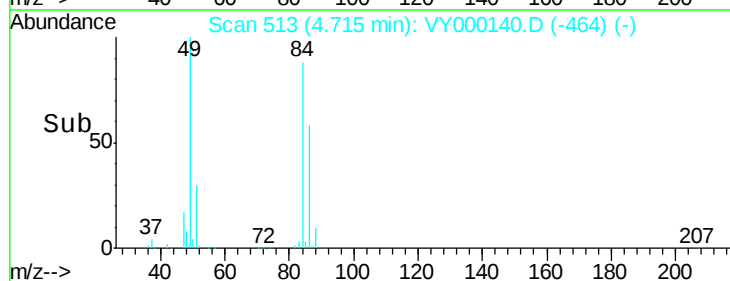
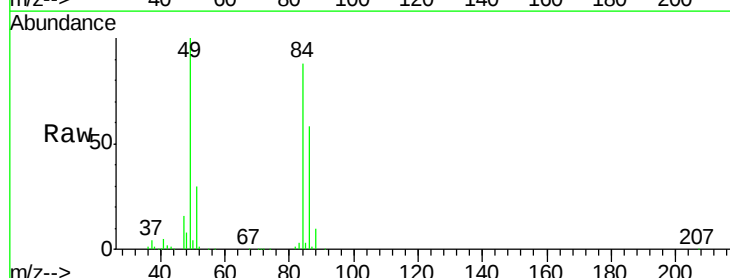
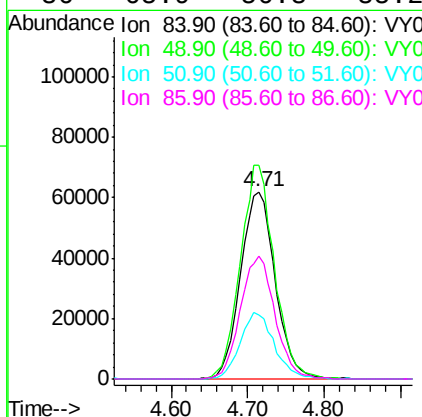
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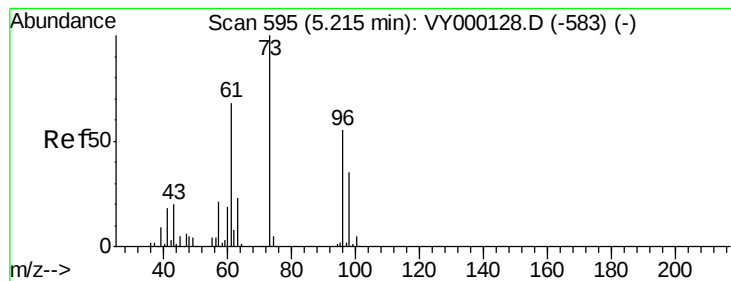
MMDadoda
9/25/2019 12:39:36 AM



#20
Methylene Chloride
Concen: 52.895 ug/l
RT: 4.71 min Scan# 513
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion: 84 Resp: 195550
Ion Ratio Lower Upper
84 100
49 114.0 85.8 128.6
51 34.0 29.2 43.8
86 65.9 56.8 85.2





#21

trans-1,2-Dichloroethene

Concen: 50.599 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

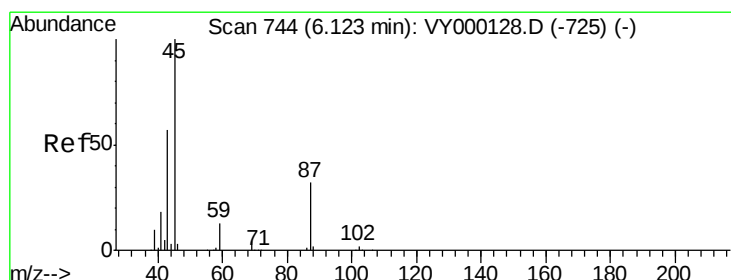
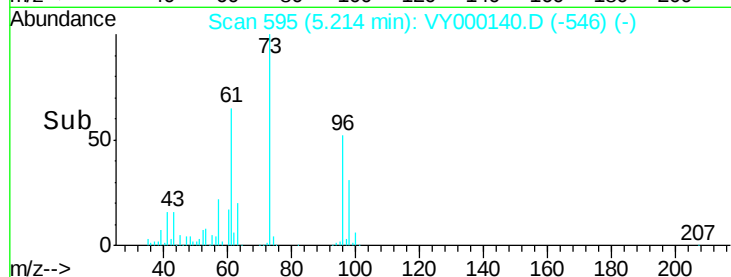
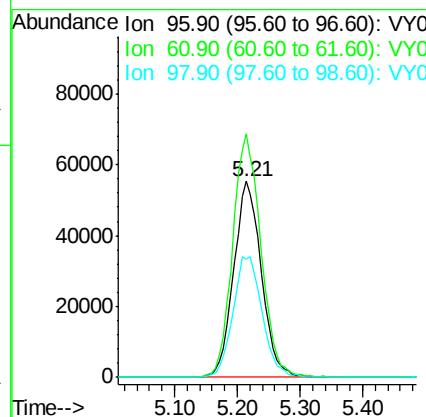
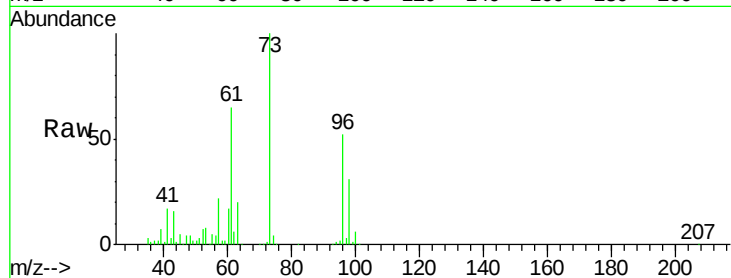
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	168945
Ion	Ratio	Lower	Upper
96	100		
61	124.3	99.0	148.6
98	60.5	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.033 ug/l

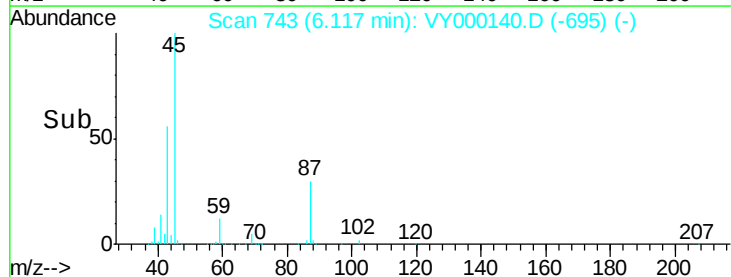
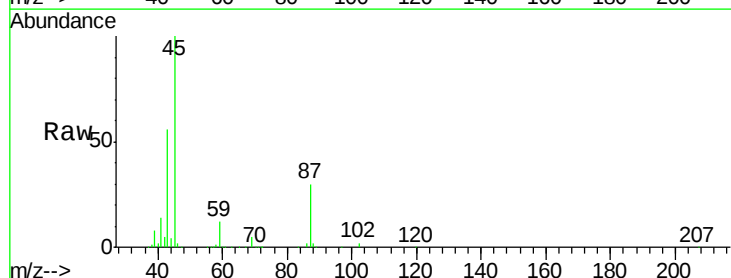
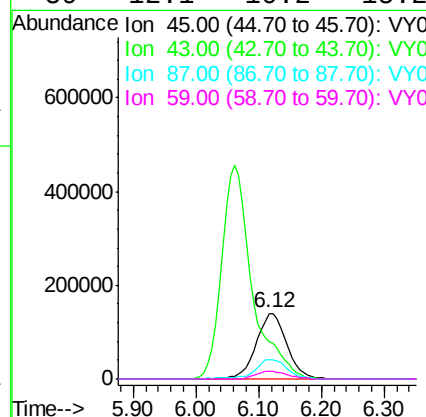
RT: 6.12 min Scan# 743

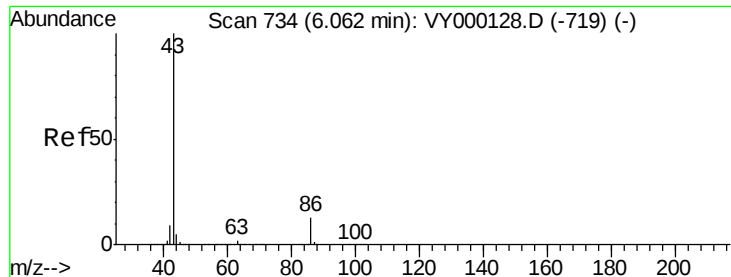
Delta R.T. -0.01 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Tgt Ion:	45	Resp:	472554
Ion	Ratio	Lower	Upper
45	100		
43	55.5	48.2	72.4
87	29.5	25.9	38.9
59	12.1	10.2	15.2





#23

Vinyl Acetate

Concen: 257.759 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1530638

Ion Ratio Lower Upper

43 100

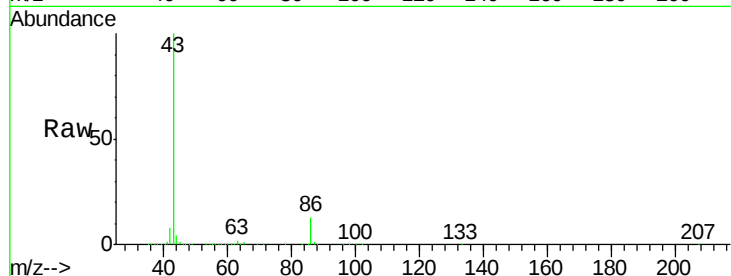
86 12.9 10.6 16.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.06

500000

400000

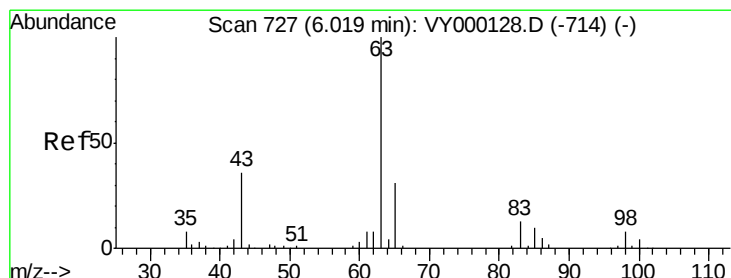
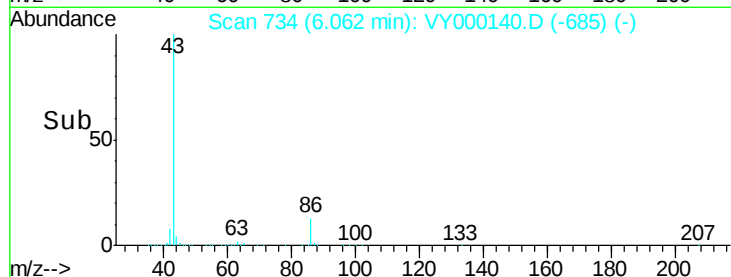
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.479 ug/l

RT: 6.02 min Scan# 727

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

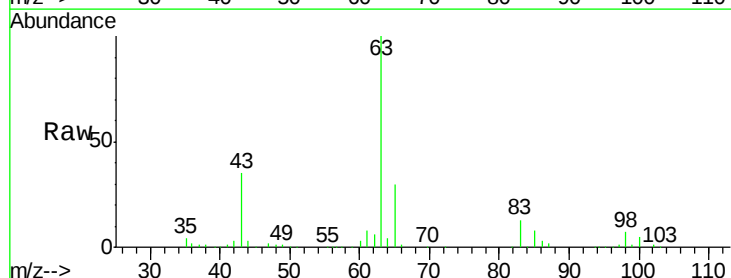
Tgt Ion: 63 Resp: 273259

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

100 4.7 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

120000

100000

80000

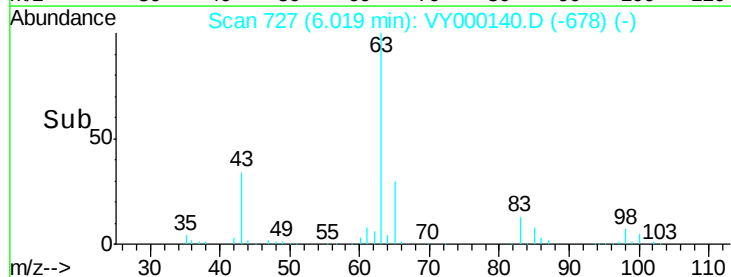
60000

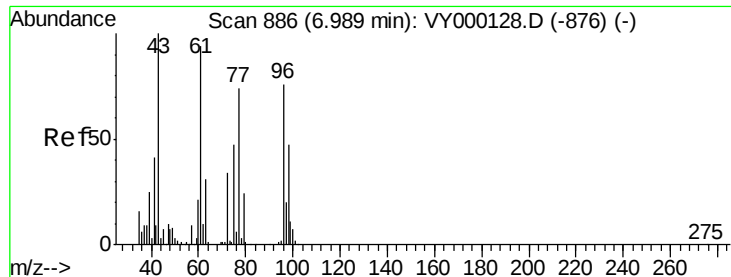
40000

20000

0

Time-->





#25

2-Butanone

Concen: 256.578 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 261880

Ion Ratio Lower Upper

43 100

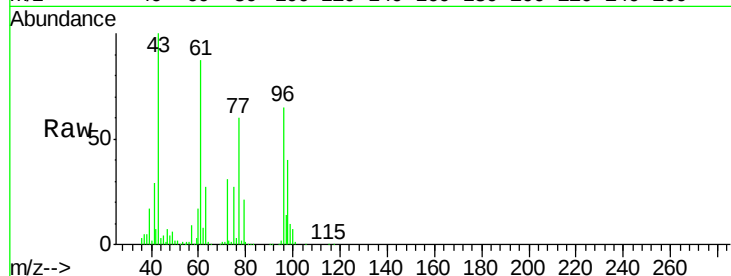
72 31.3 27.0 40.6

Manual Integrations

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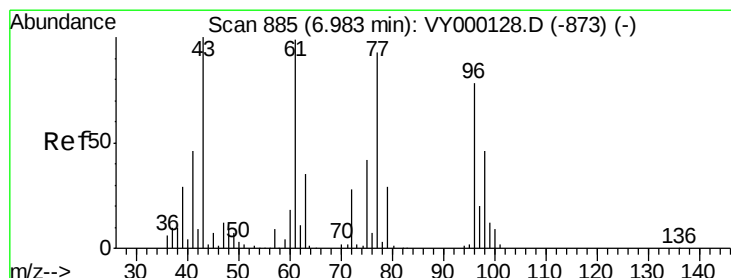
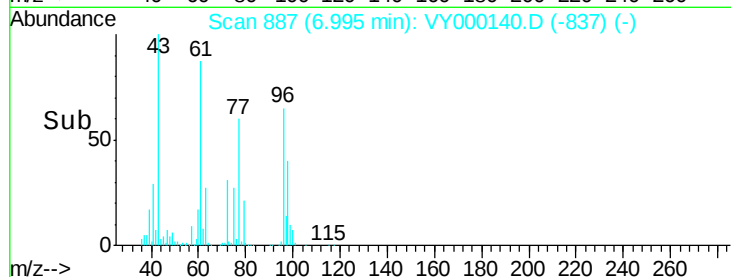
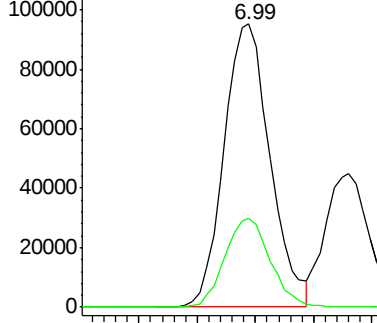
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 45.073 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000140.D

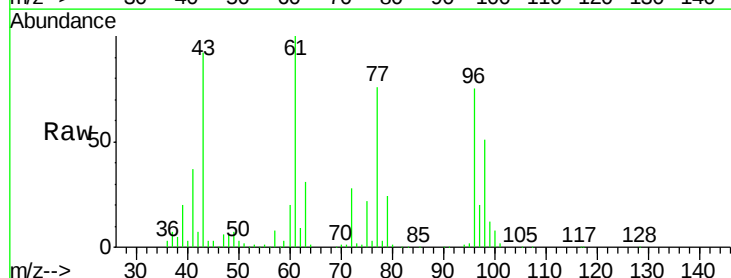
Acq: 23 Sep 2019 18:53

Tgt Ion: 77 Resp: 216821

Ion Ratio Lower Upper

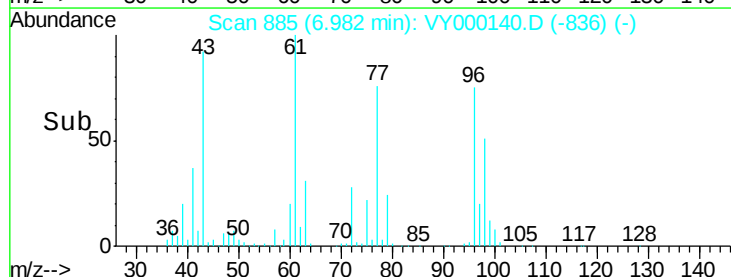
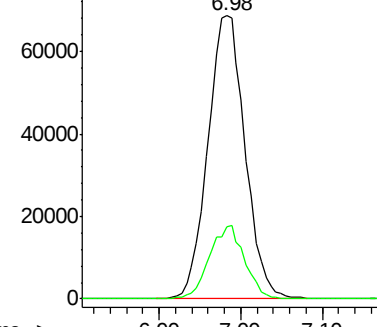
77 100

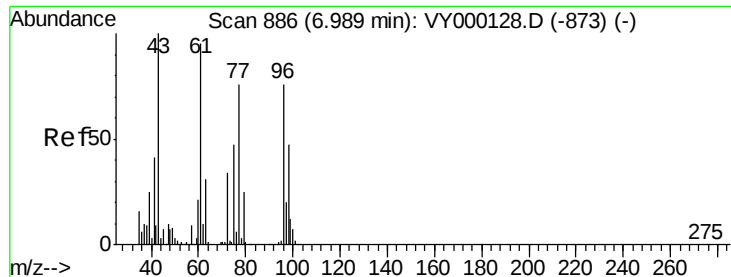
97 24.5 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

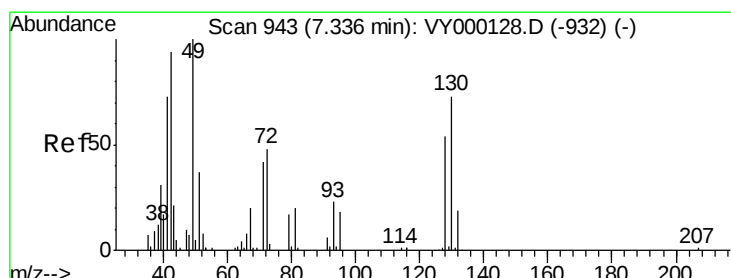
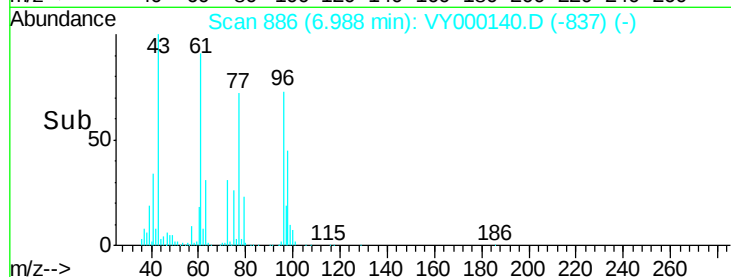
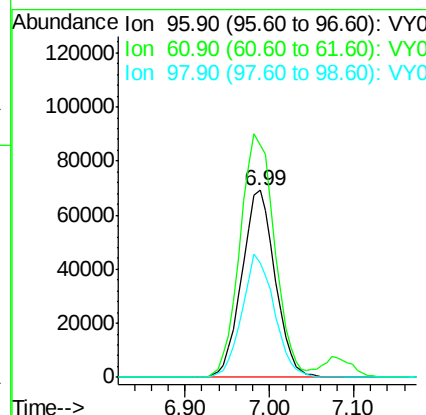
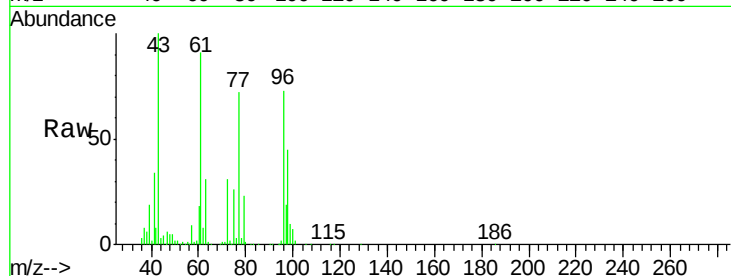
cis-1,2-Dichloroethene
 Concen: 49.683 ug/l
 RT: 6.99 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: VY000140.D
 Acq: 23 Sep 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.7	0.0	254.8
98	63.8	0.0	127.8

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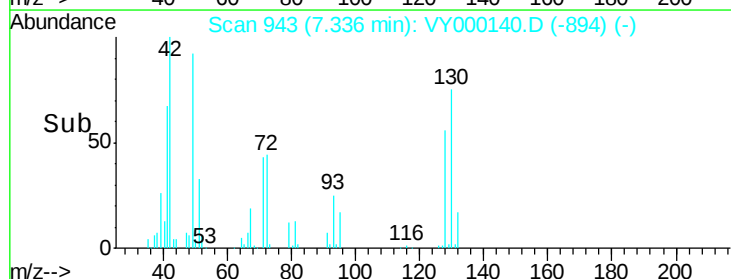
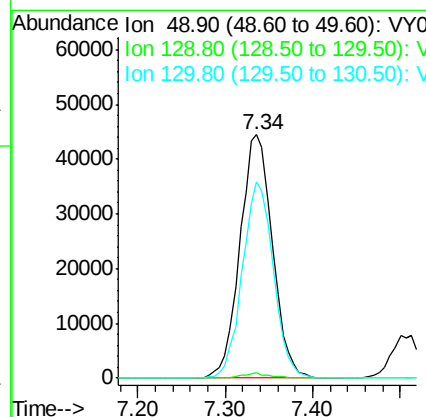
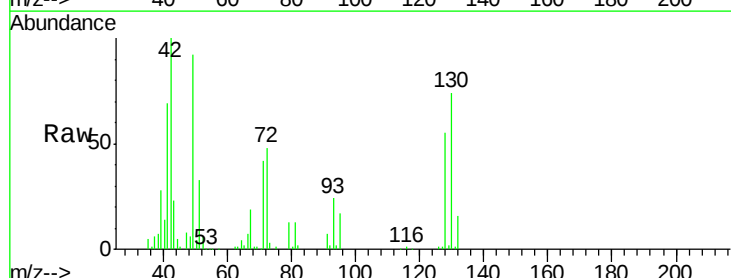
MMDadoda
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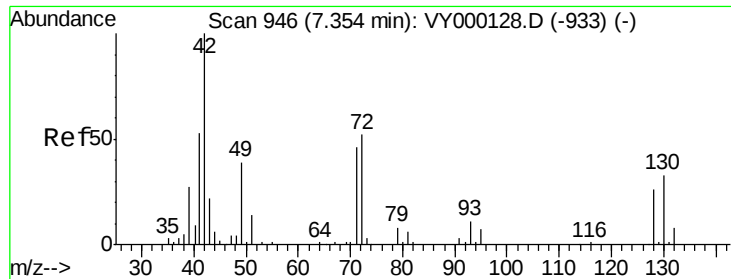


#28

Bromochloromethane
 Concen: 55.235 ug/l
 RT: 7.34 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VY000140.D
 Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	77.0	62.0	93.0





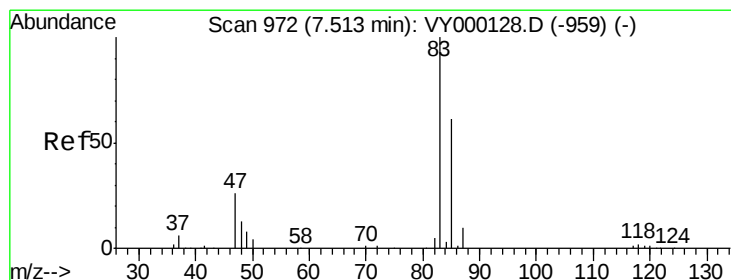
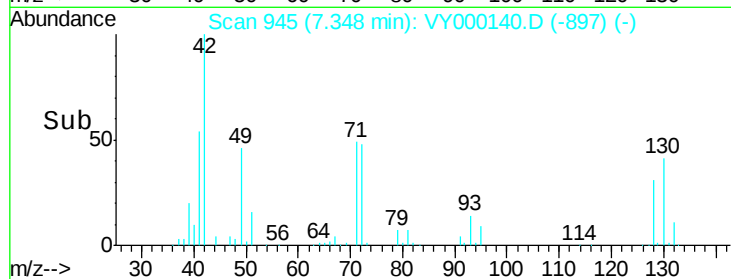
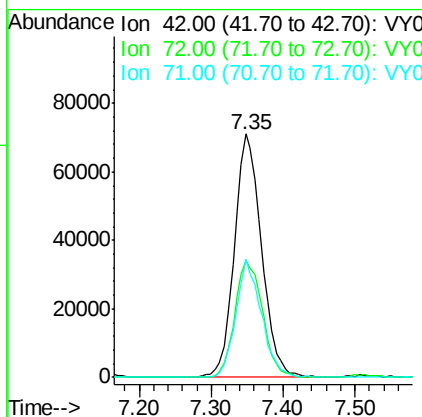
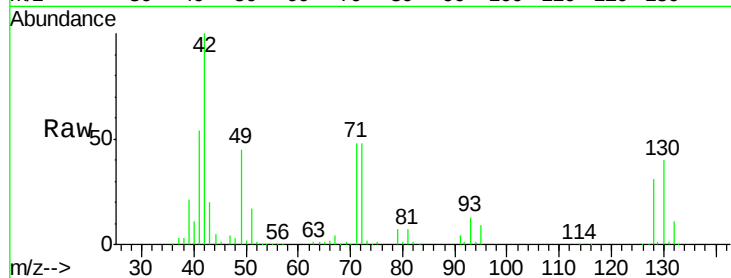
#29
Tetrahydrofuran
Concen: 269.647 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.8	41.8	62.8
71	45.4	38.6	58.0

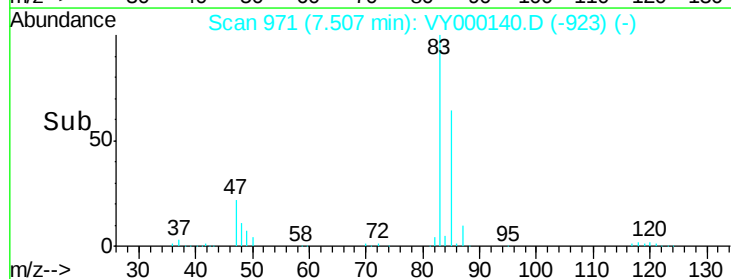
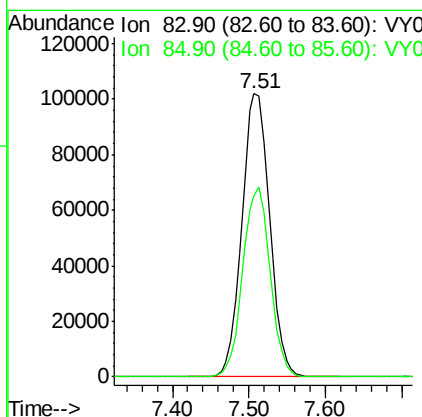
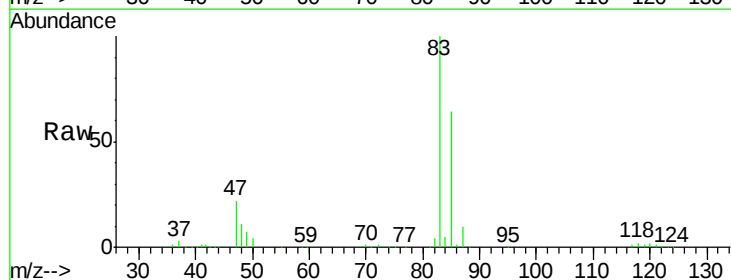
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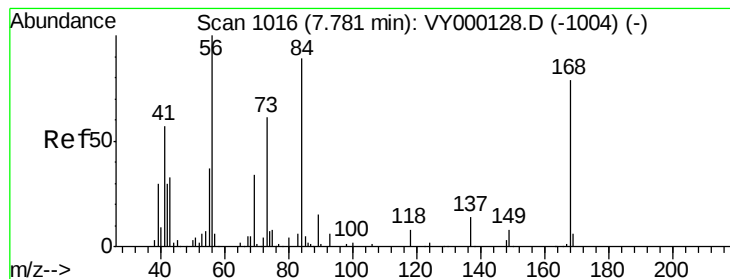
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#30
Chloroform
Concen: 48.292 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.0	73.6





#31

Cyclohexane

Concen: 48.915 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 269242

Ion Ratio Lower Upper

56 100

69 34.1 27.1 40.7

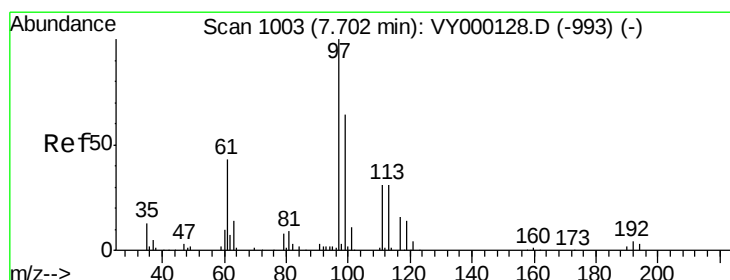
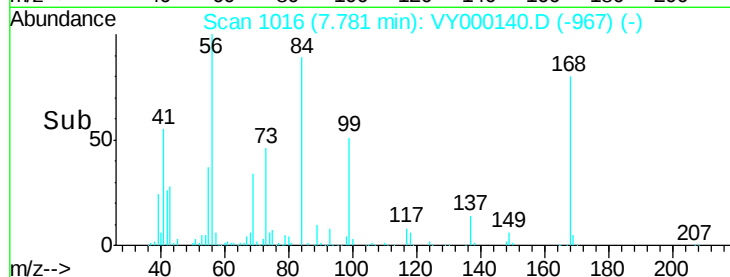
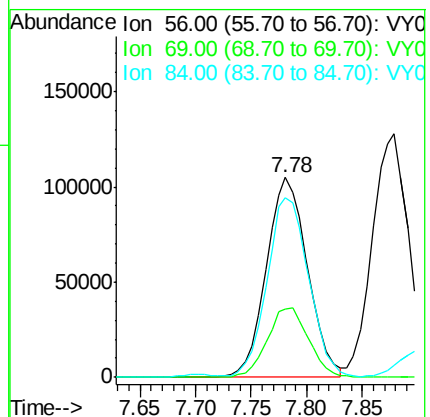
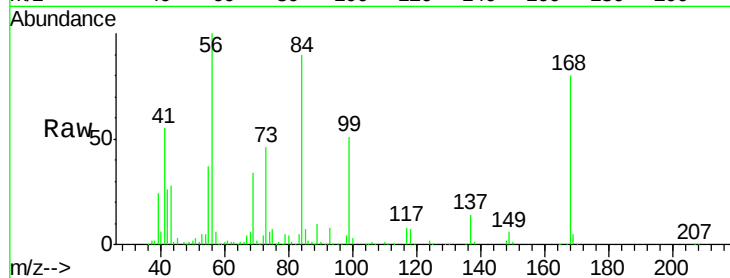
84 88.8 71.3 106.9

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#32

1,1,1-Trichloroethane

Concen: 48.658 ug/l

RT: 7.70 min Scan# 1003

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

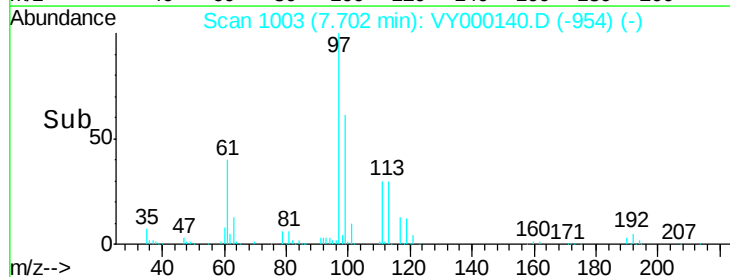
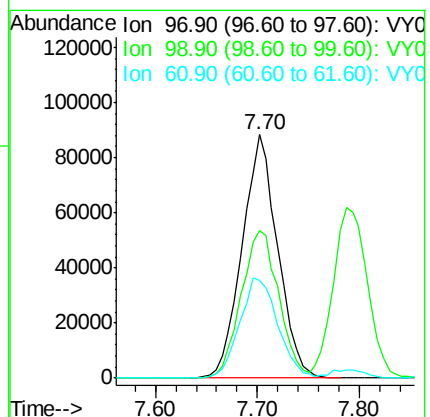
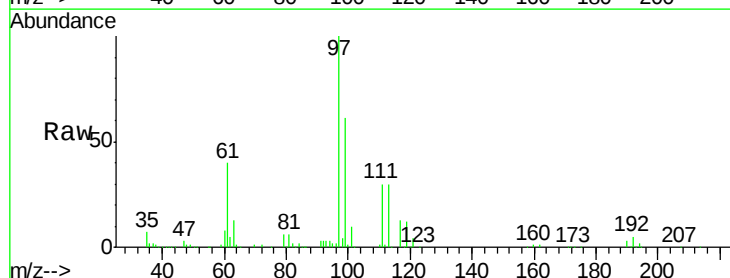
Tgt Ion: 97 Resp: 213924

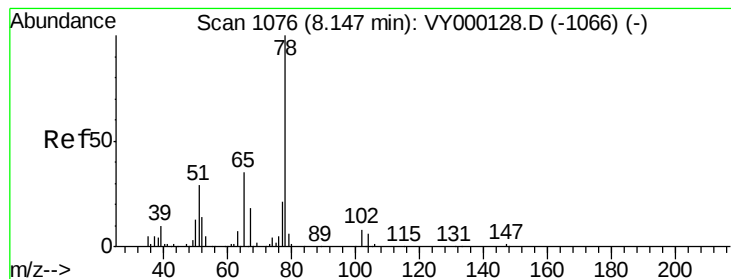
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 44.1 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.619 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 146078

Ion Ratio Lower Upper

65 100

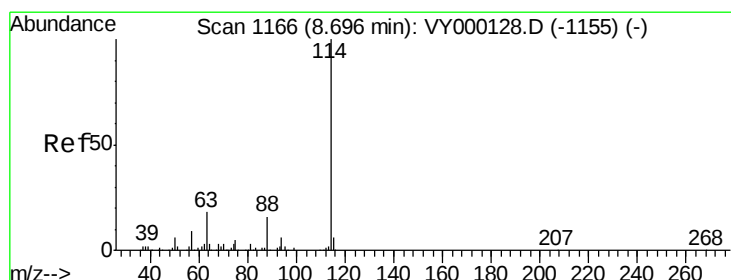
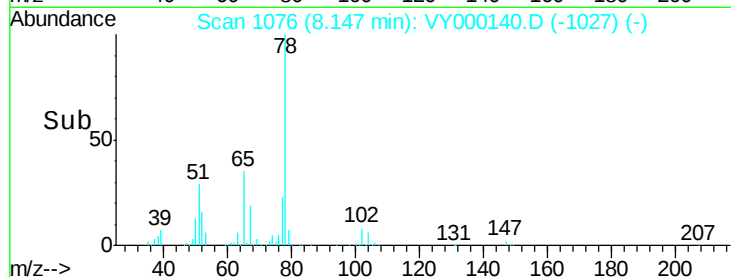
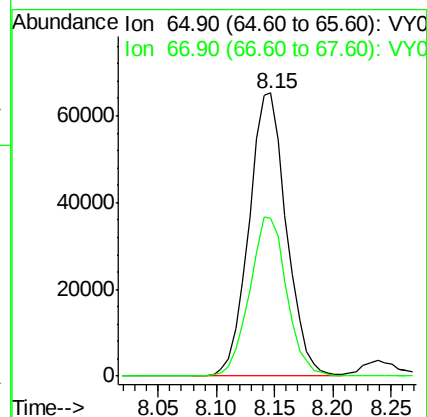
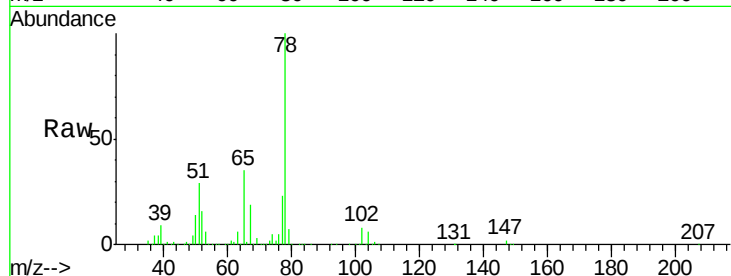
67 55.7 0.0 109.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.01 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

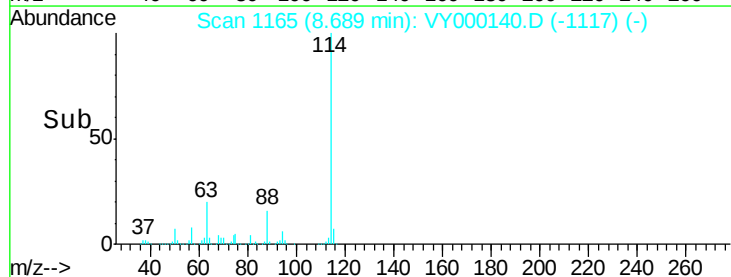
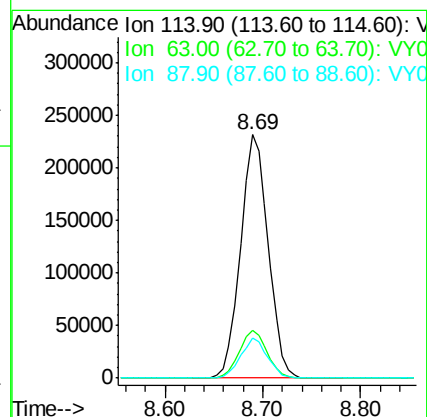
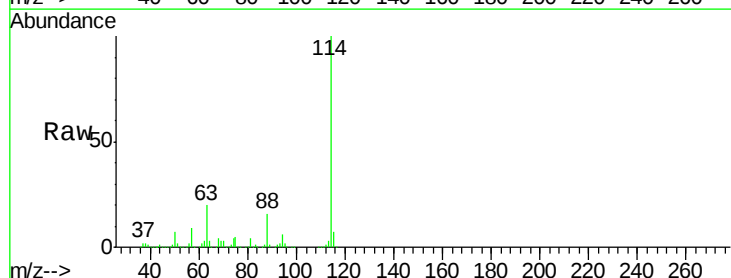
Tgt Ion: 114 Resp: 451042

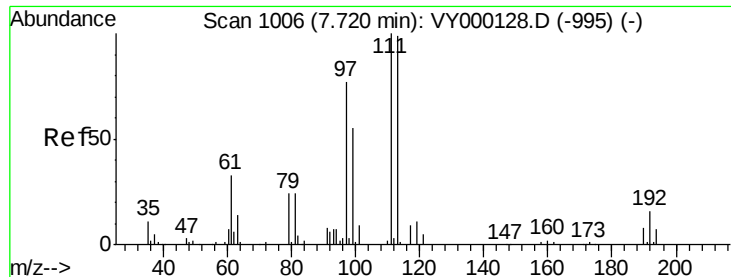
Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.6

88 16.2 0.0 31.8





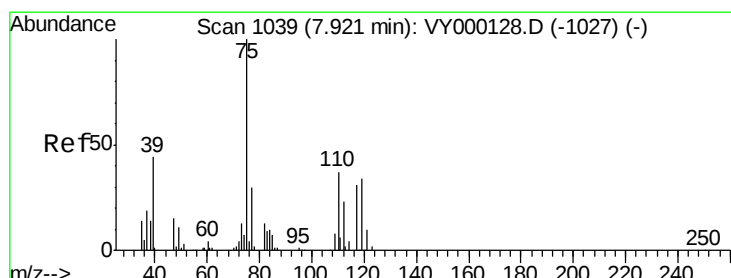
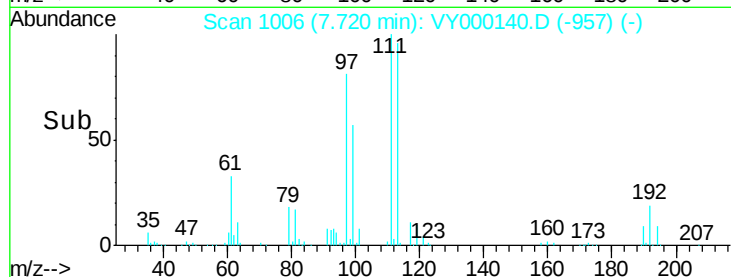
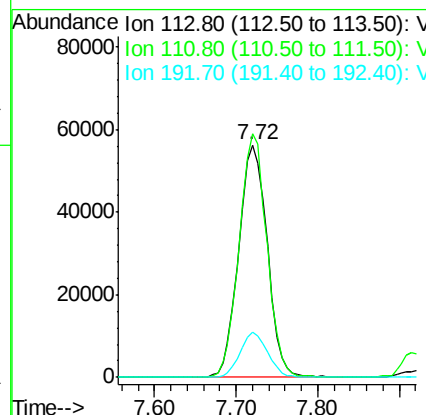
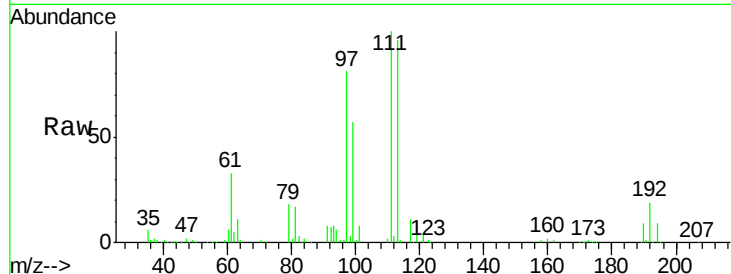
#35
 Dibromofluoromethane
 Concen: 52.694 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: VY000140.D
 Acq: 23 Sep 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136470		
111	101.2	83.0	124.4	
192	18.7	13.5	20.3	

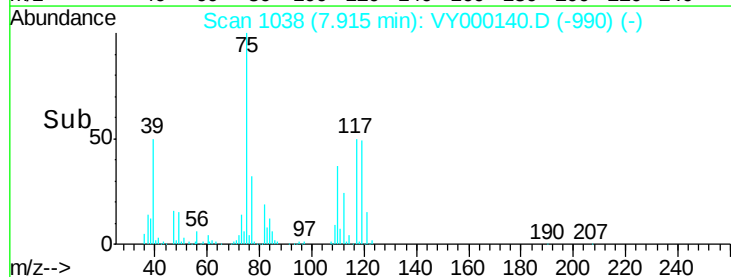
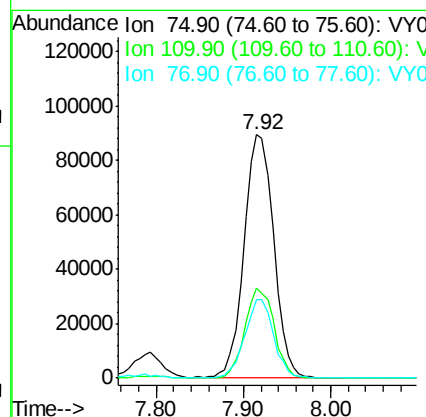
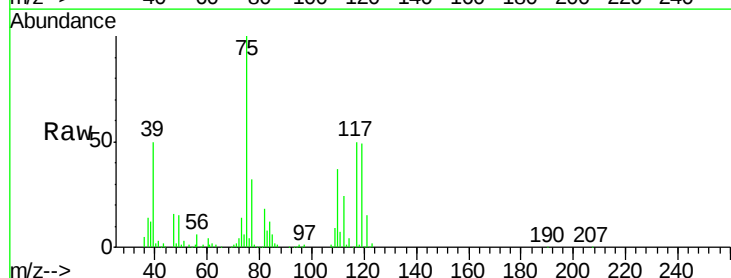
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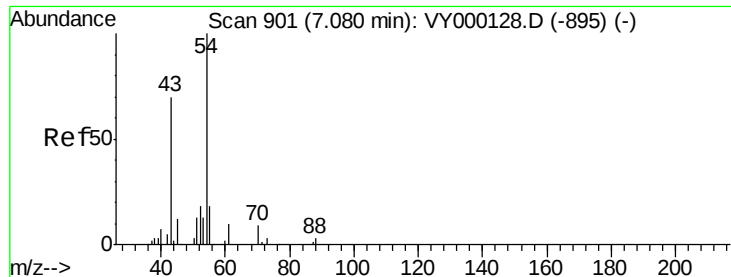
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#36
 1,1-Dichloropropene
 Concen: 50.601 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: VY000140.D
 Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	211324		
110	36.2	19.1	57.3	
77	31.4	24.7	37.1	





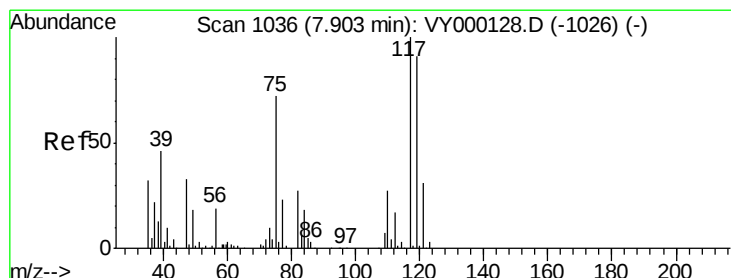
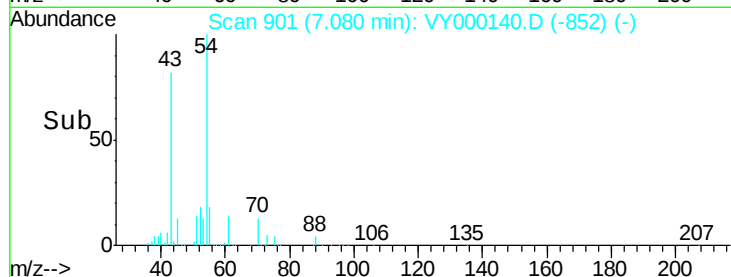
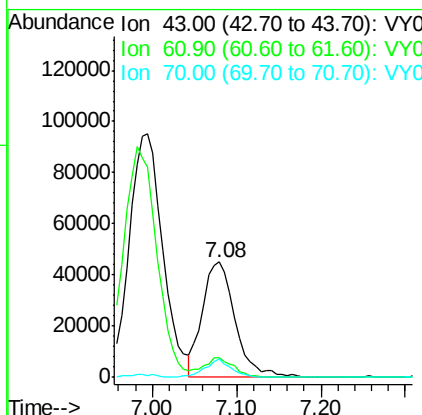
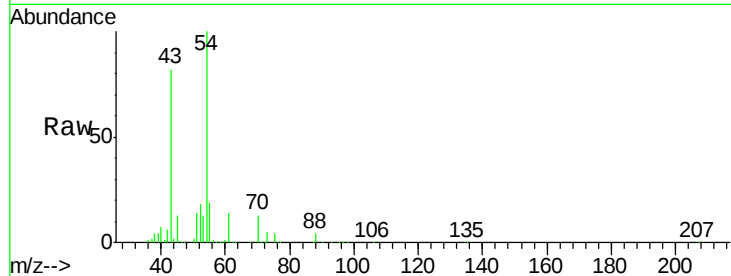
#37
Ethyl Acetate
Concen: 55.261 ug/l
RT: 7.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	121880
Ion	Ratio	Lower	Upper
43	100		
61	16.2	12.1	18.1
70	12.4	10.0	15.0

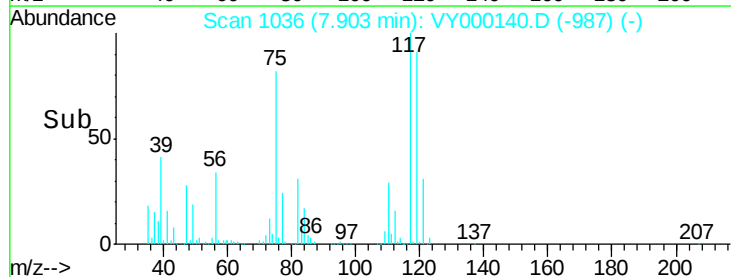
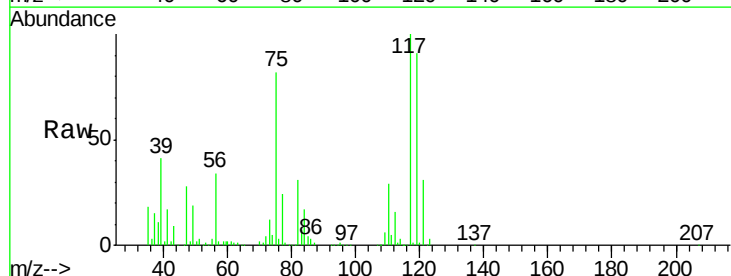
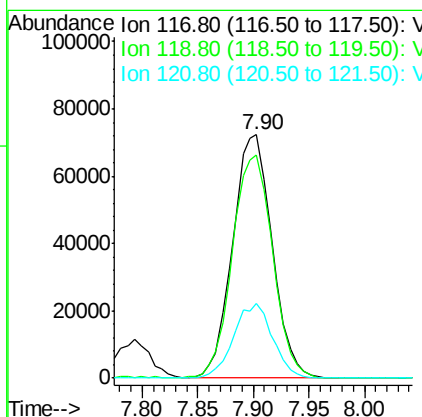
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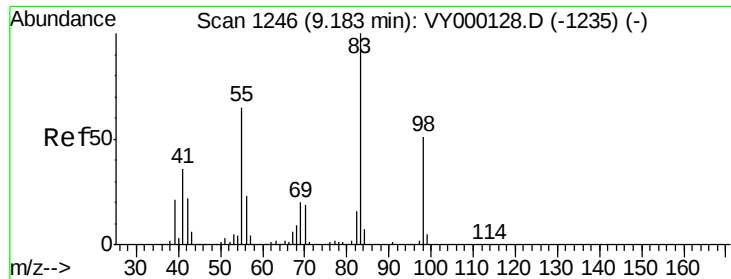
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#38
Carbon Tetrachloride
Concen: 49.680 ug/l
RT: 7.90 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion	117	Resp	178070
Ion	Ratio	Lower	Upper
117	100		
119	91.4	72.6	108.8
121	30.7	24.3	36.5





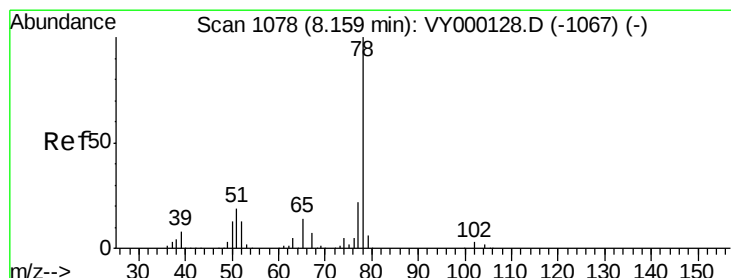
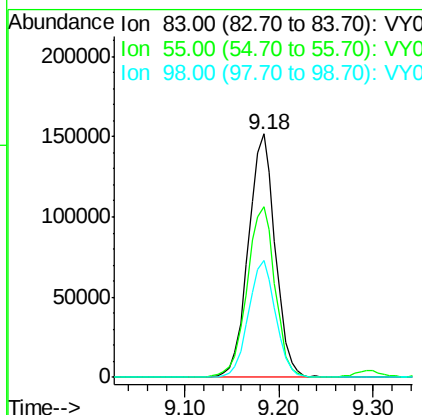
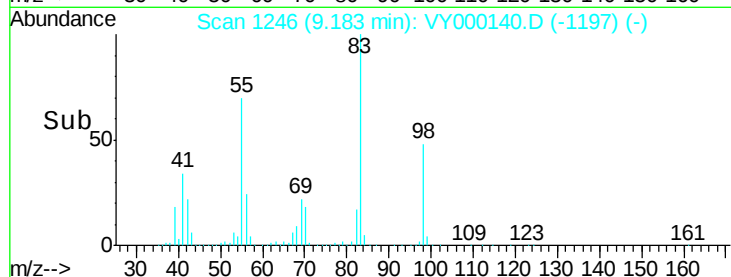
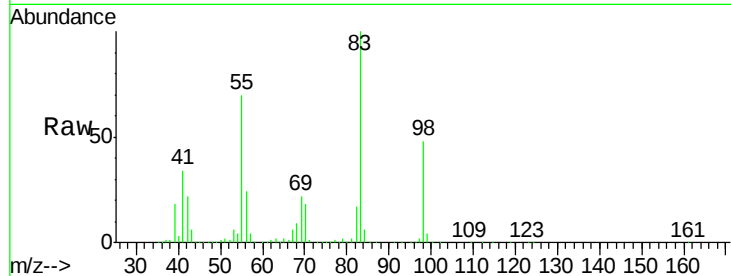
#39
Methvlcvclohexane
Concen: 52.697 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.1	52.3	78.5
98	48.1	40.6	61.0

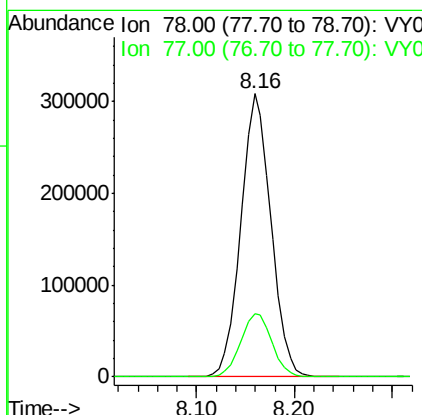
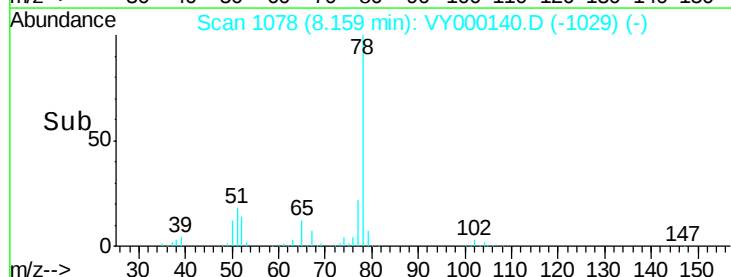
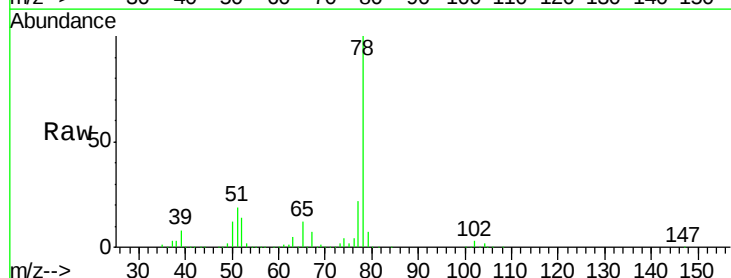
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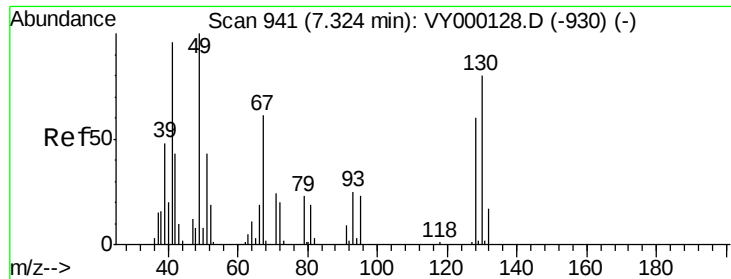
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#40
Benzene
Concen: 51.000 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	17.9	26.9





#41

Methacrylonitrile

Concen: 55.672 ug/l m

RT: 7.32 min Scan# 941

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 60453

Ion Ratio Lower Upper

41 100

39 0.0 53.4 80.0#

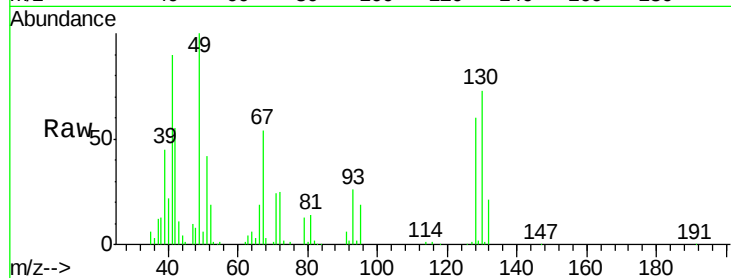
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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9/25/2019 12:39:36 AM

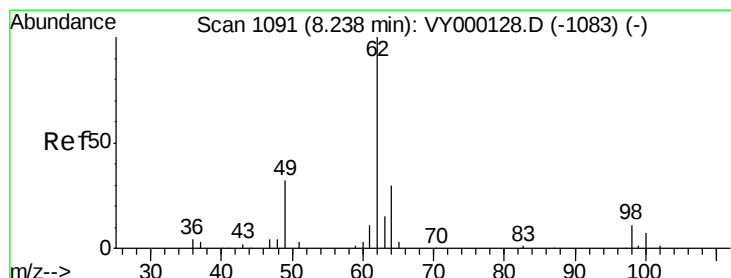
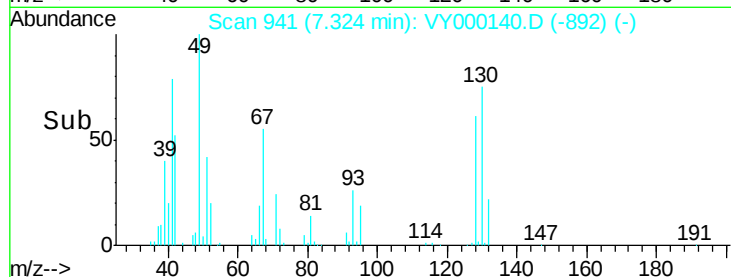
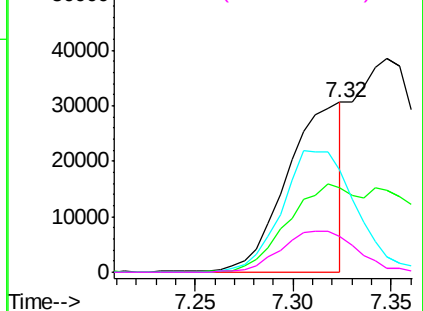


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 52.723 ug/l

RT: 8.24 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VY000140.D

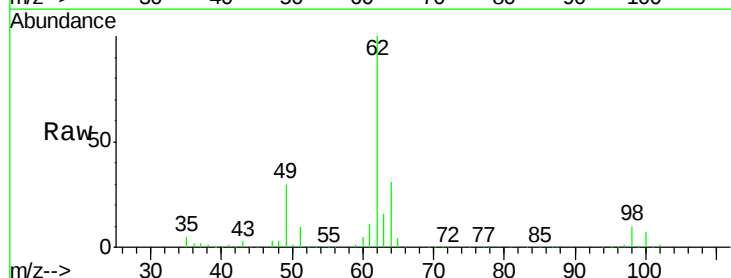
Acq: 23 Sep 2019 18:53

Tgt Ion: 62 Resp: 173296

Ion Ratio Lower Upper

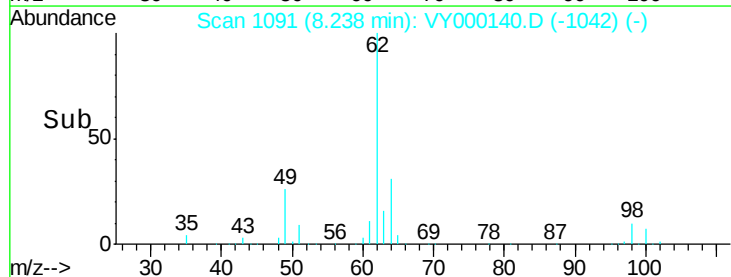
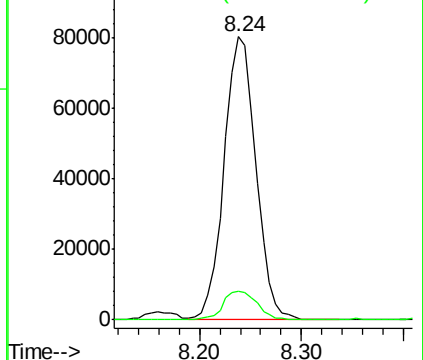
62 100

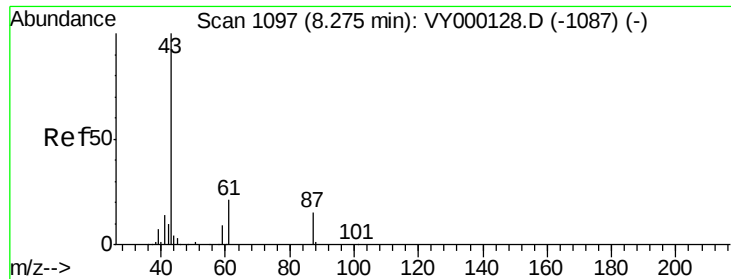
98 10.9 0.0 22.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





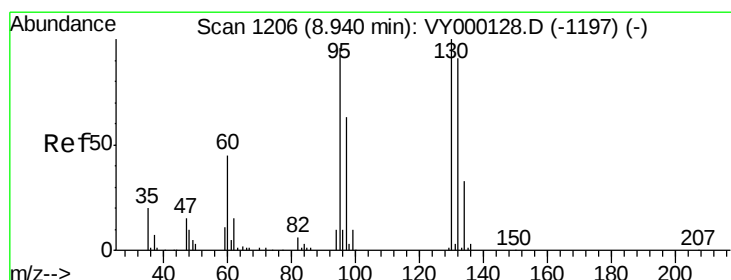
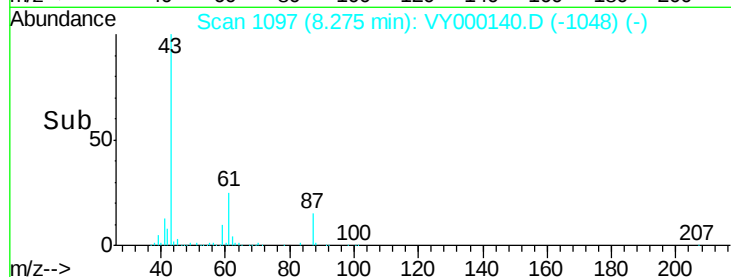
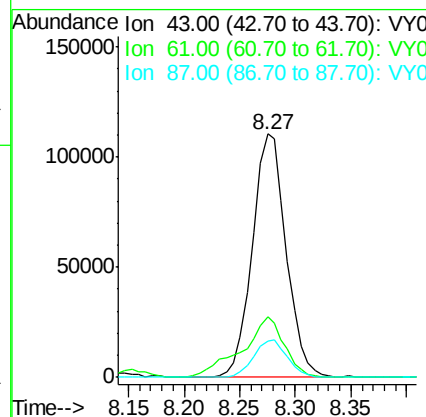
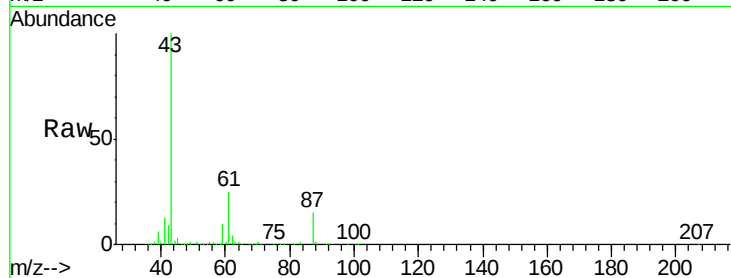
#43
Isopropyl Acetate
Concen: 52.772 ug/l
RT: 8.27 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.3	24.6	37.0
87	15.4	12.5	18.7

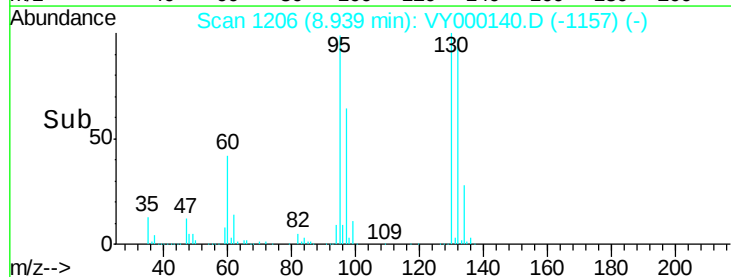
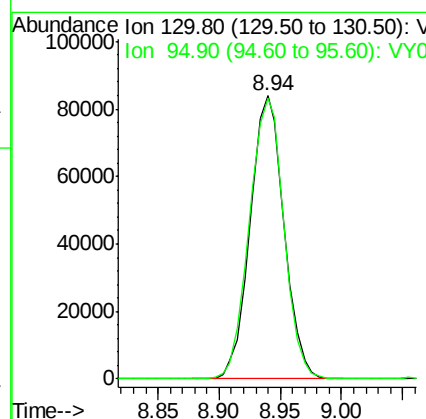
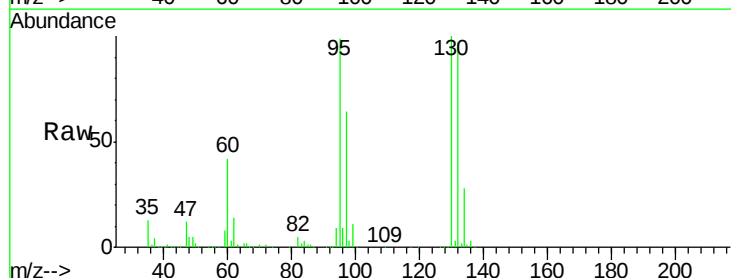
Manual Integrations
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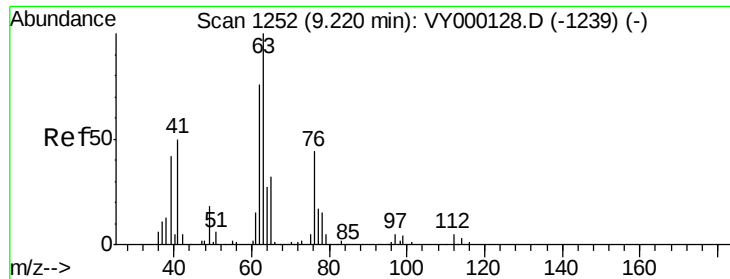
MMDadoda
9/25/2019 12:39:36 AM



#44
Trichloroethene
Concen: 50.507 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	192.0





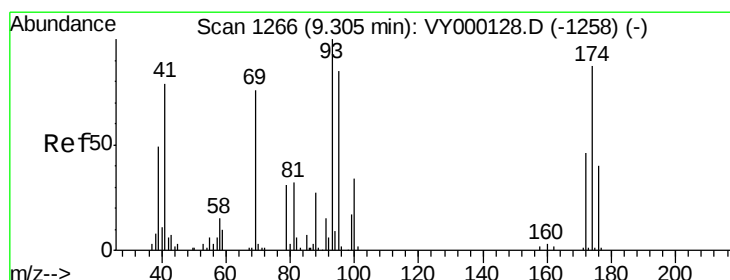
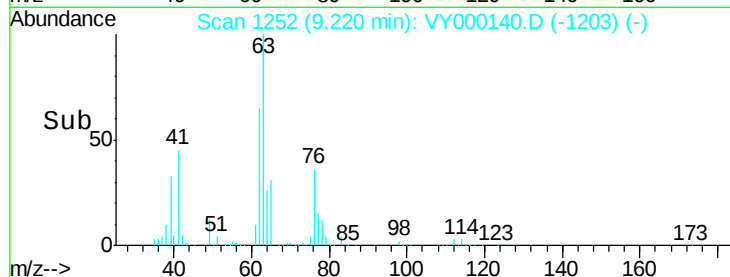
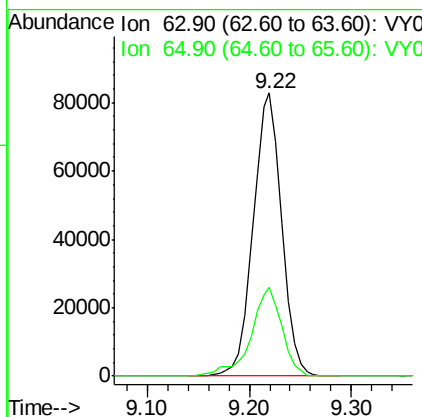
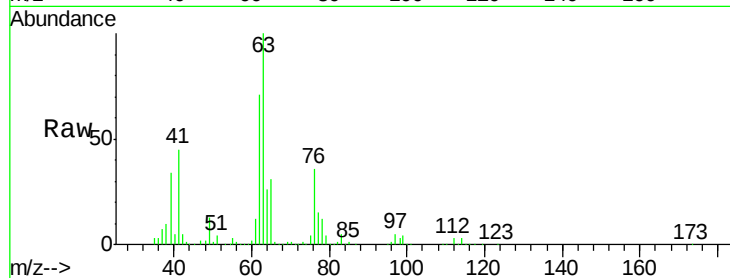
#45
 1,2-Dichloropropane
 Concen: 51.814 ug/l
 RT: 9.22 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VY000140.D
 Acq: 23 Sep 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.4	38.2

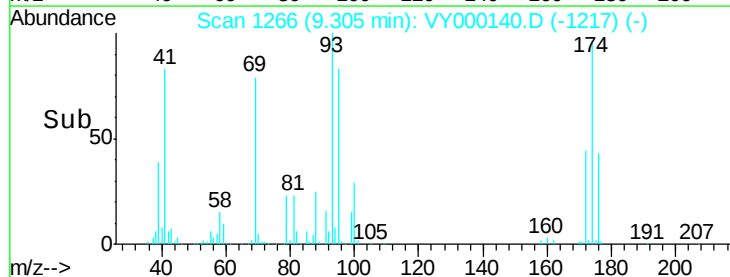
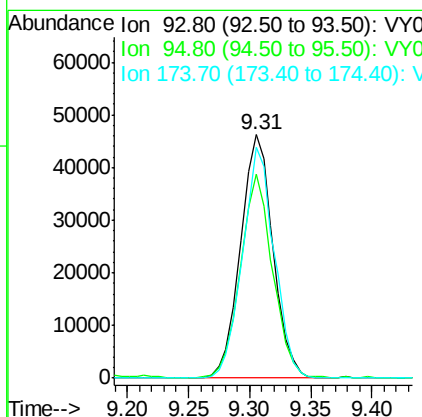
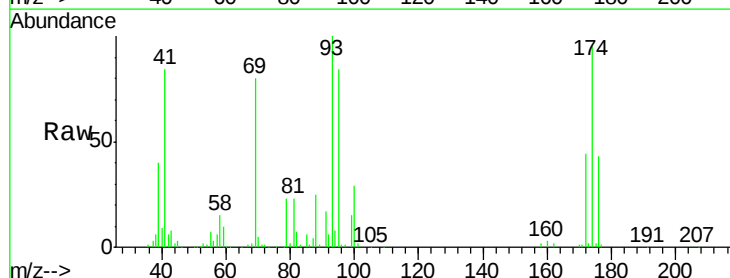
Manual Integrations
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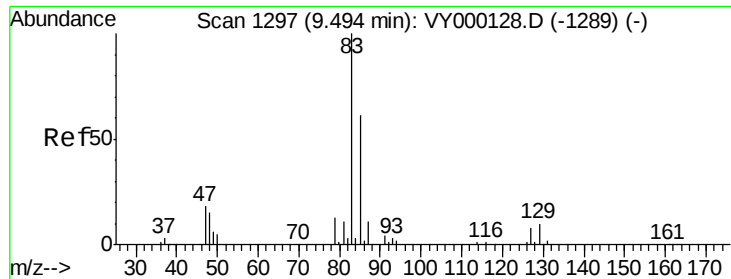
MMDadoda
 9/25/2019 12:39:36 AM



#46
 Dibromomethane
 Concen: 49.179 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000140.D
 Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	68.6	103.0
174	92.7	69.4	104.0





#47

Bromodichloromethane

Concen: 50.935 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

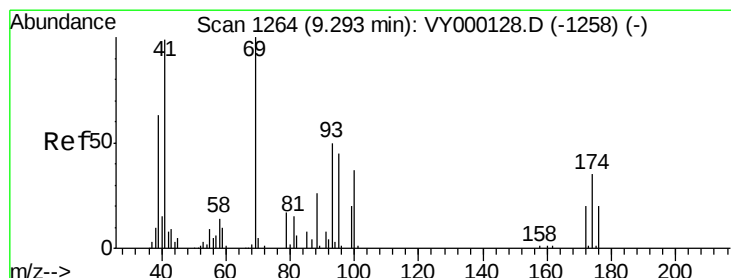
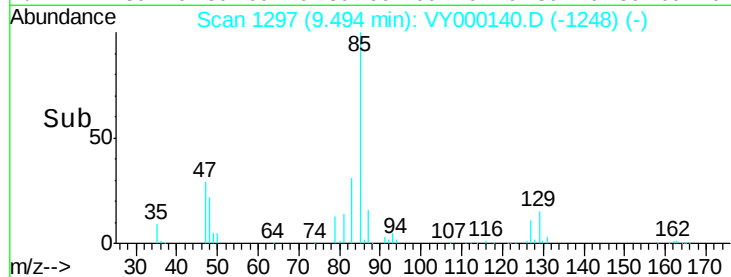
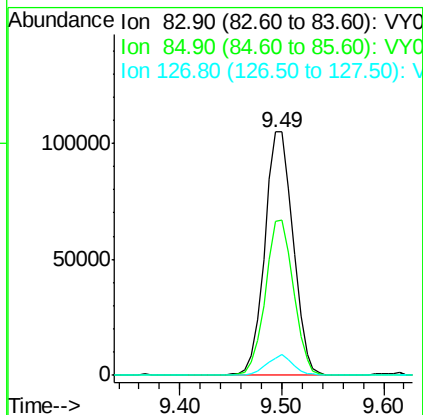
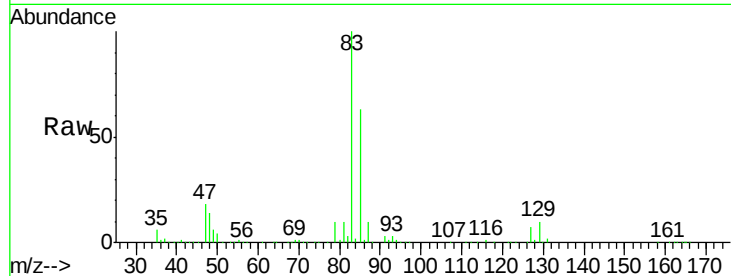
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	201919
Ion Ratio	Lower	Upper	
83	100		
85	63.1	48.6	73.0
127	6.8	6.2	9.4

Manual Integrations
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MMDadoda
9/25/2019 12:39:36 AM



#48

Methyl methacrylate

Concen: 53.704 ug/l

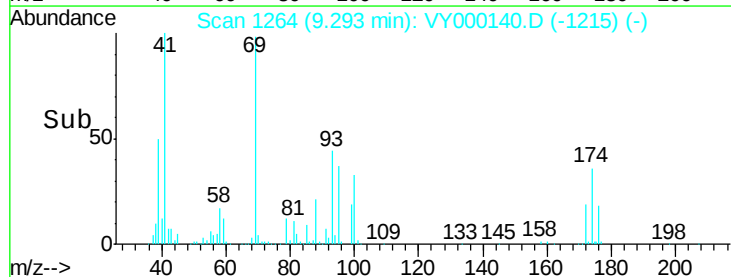
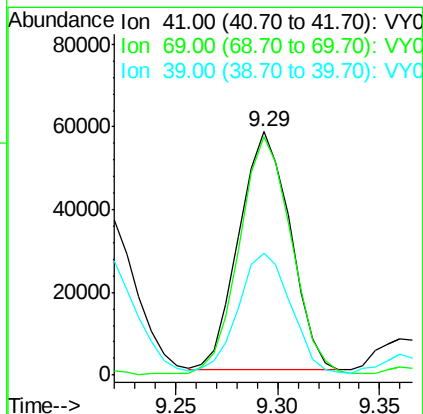
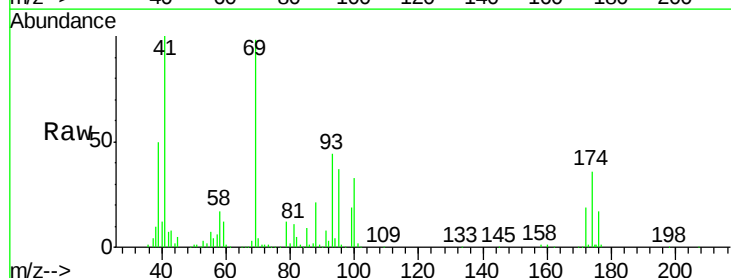
RT: 9.29 min Scan# 1264

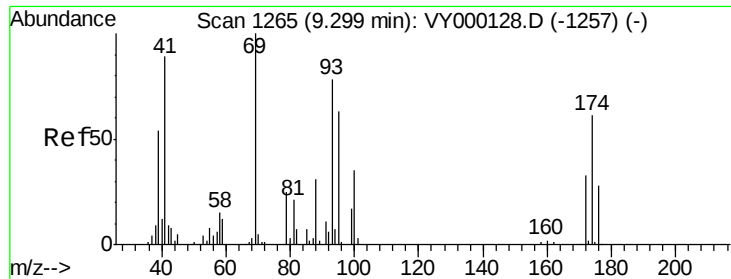
Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Tgt Ion:	41	Resp:	101243
Ion Ratio	Lower	Upper	
41	100		
69	100.8	81.0	121.6
39	52.6	53.2	79.8#





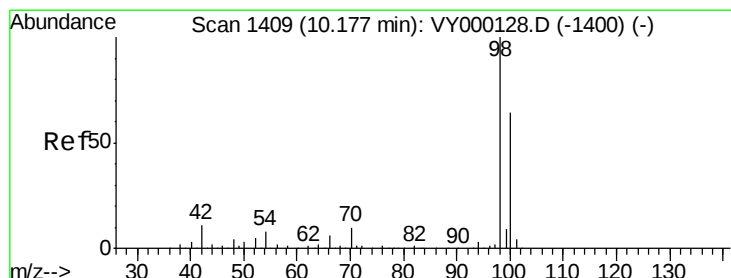
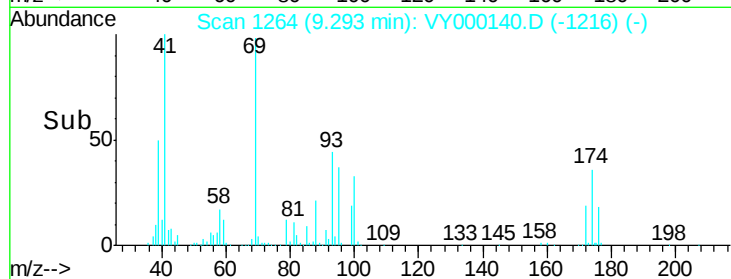
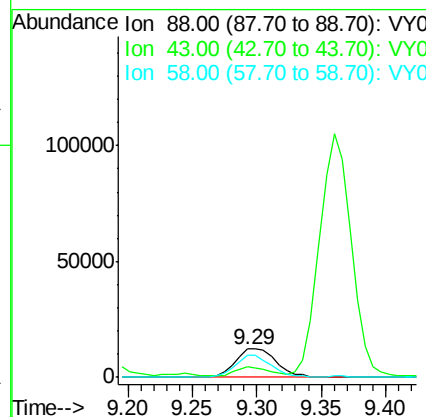
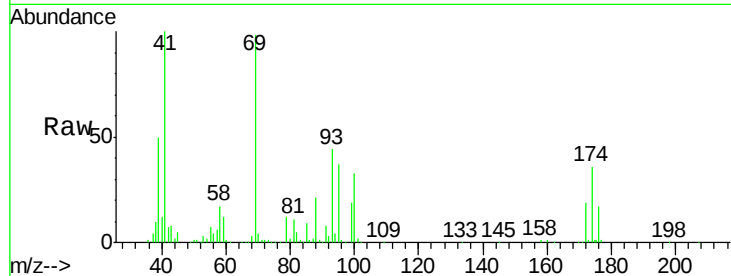
#49
1,4-Dioxane
Concen: 989.729 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	27053
Ion	Ratio	Lower	Upper
88	100		
43	27.0	22.6	33.8
58	69.4	42.5	63.7#

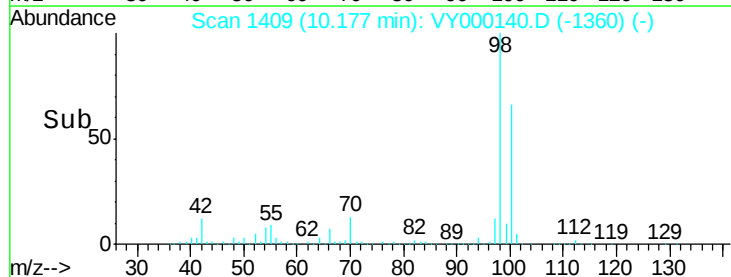
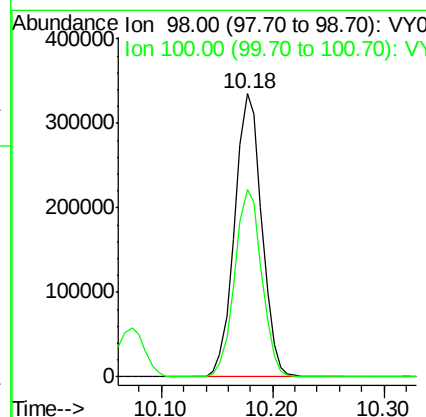
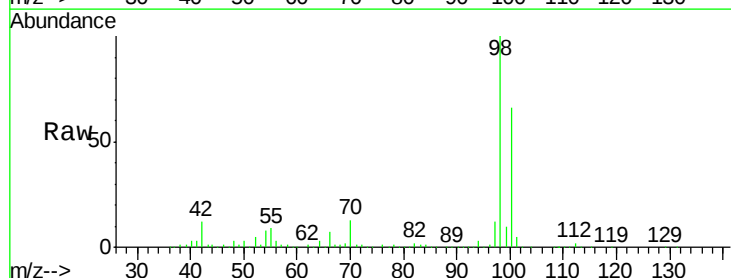
Manual Integrations
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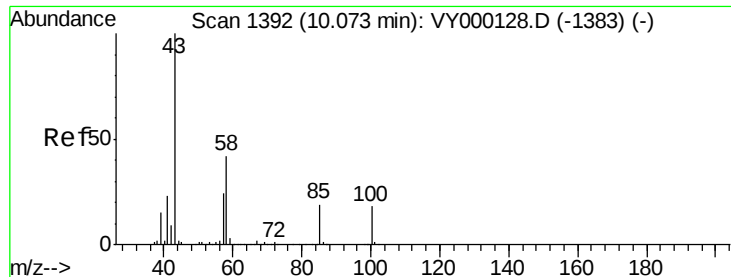
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#50
Toluene-d8
Concen: 54.281 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion	98	Resp	565932
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.7	79.1





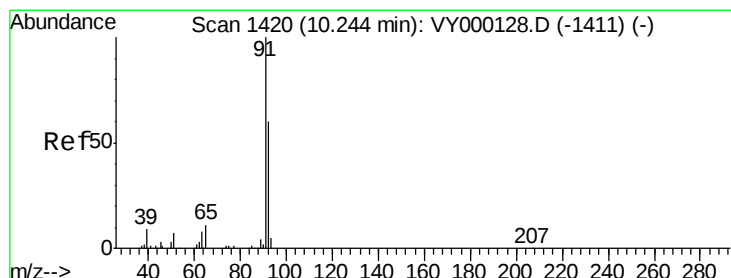
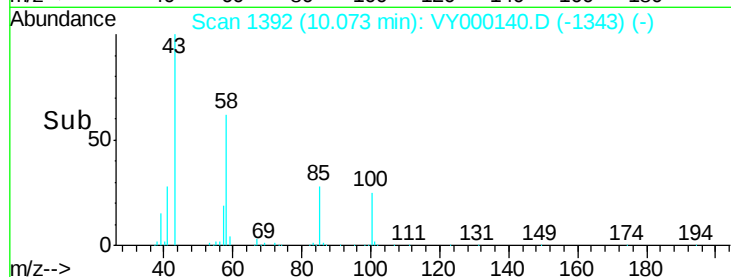
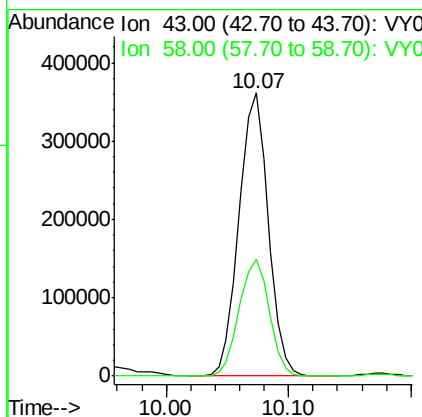
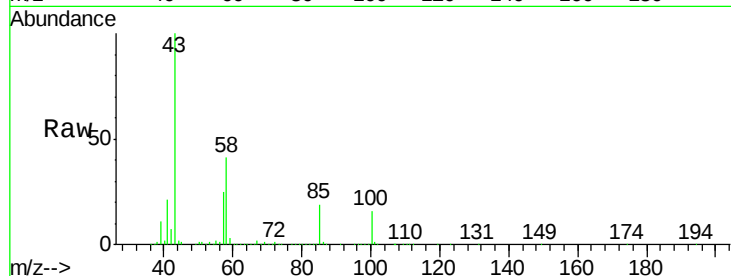
#51
4-Methyl-2-Pentanone
Concen: 266.761 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	599670
Ion Ratio	100	Lower	Upper
43	100		
58	42.7	33.0	49.6

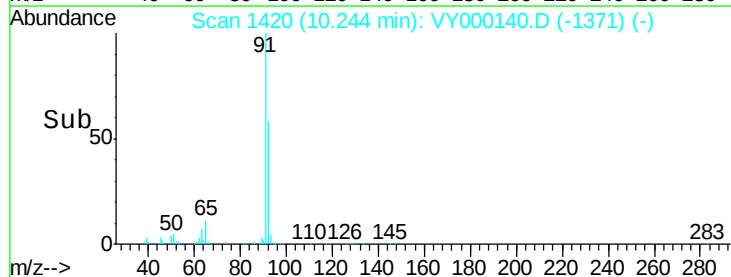
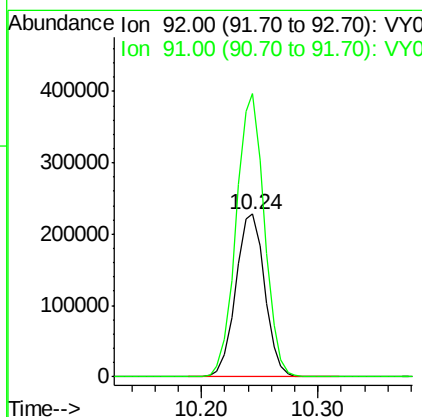
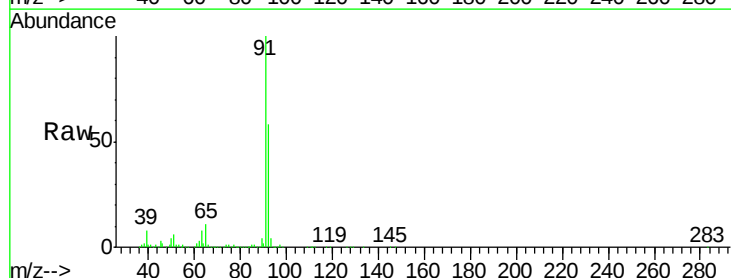
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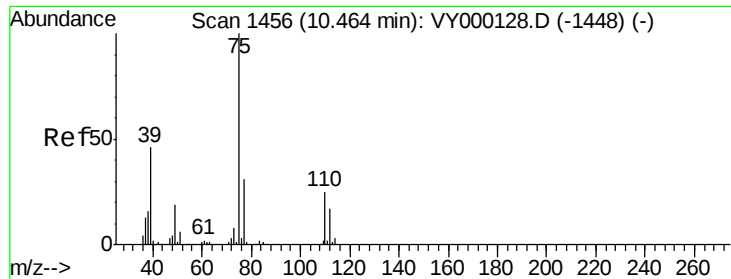
MMDadoda
9/25/2019 12:39:36 AM



#52
Toluene
Concen: 49.751 ug/l
RT: 10.24 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion	92	Resp	396256
Ion Ratio	100	Lower	Upper
92	100		
91	168.2	135.7	203.5





#53

t-1,3-Dichloropropene

Concen: 50.319 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 217523

Ion Ratio Lower Upper

75 100

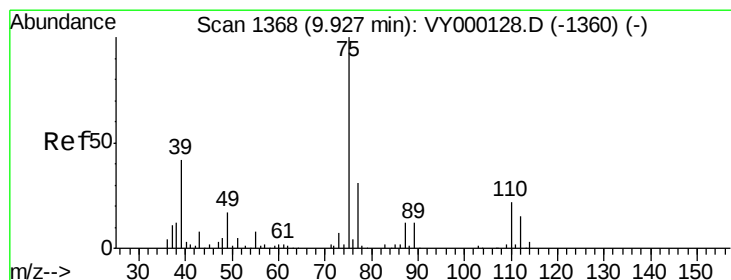
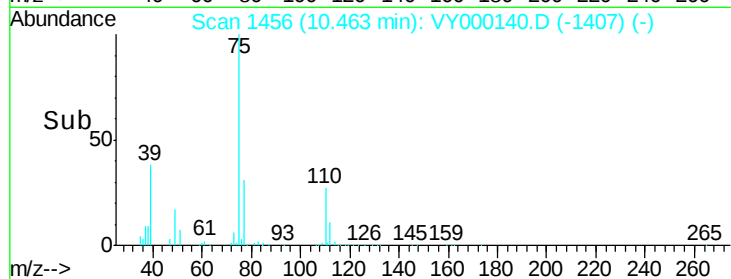
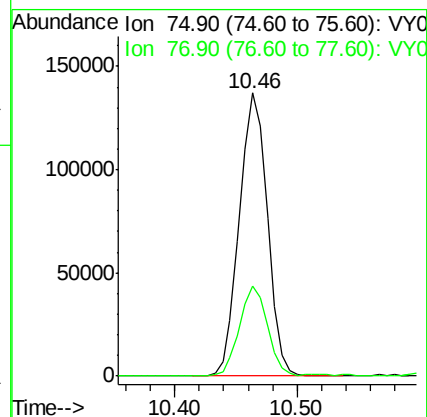
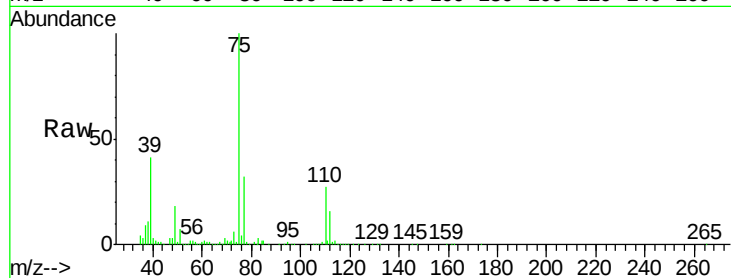
77 31.8 24.9 37.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.777 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

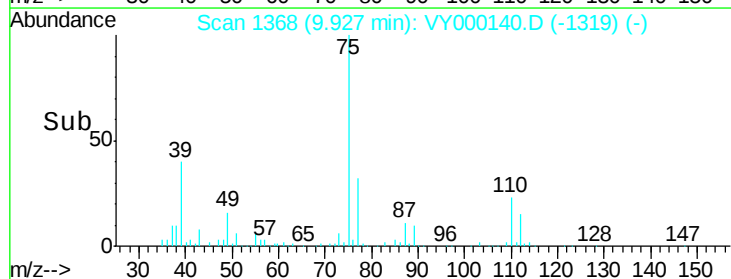
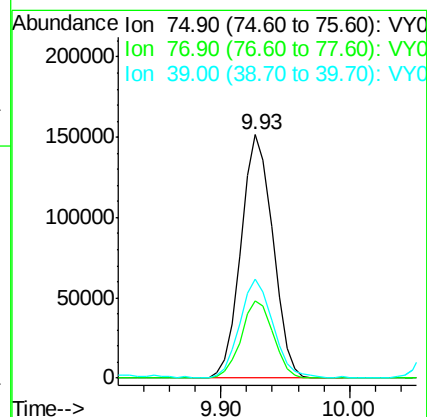
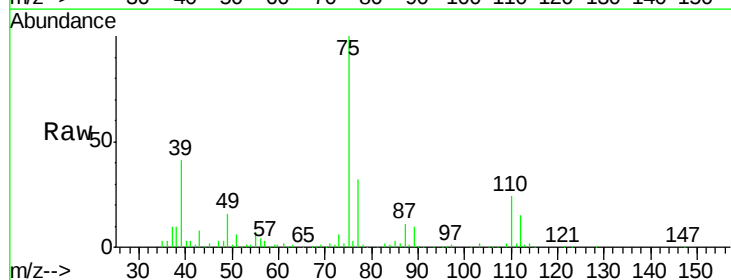
Tgt Ion: 75 Resp: 259502

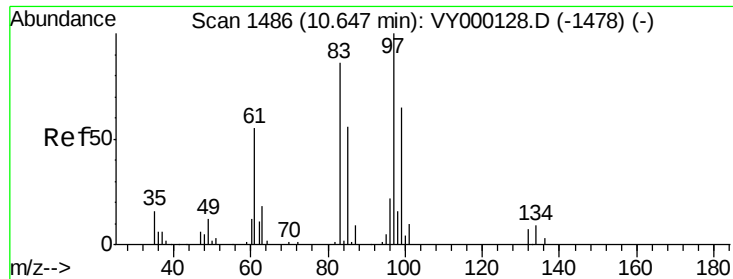
Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0

39 40.5 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 61.829 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

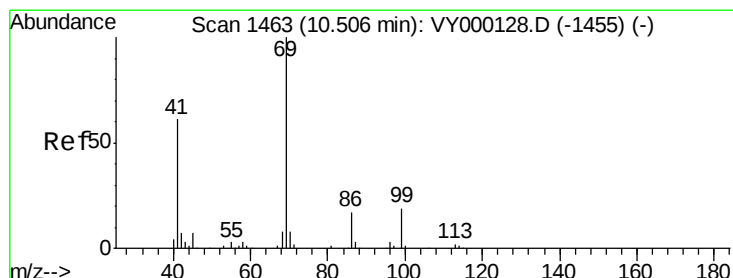
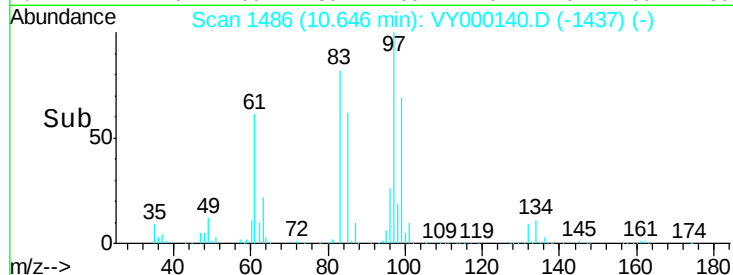
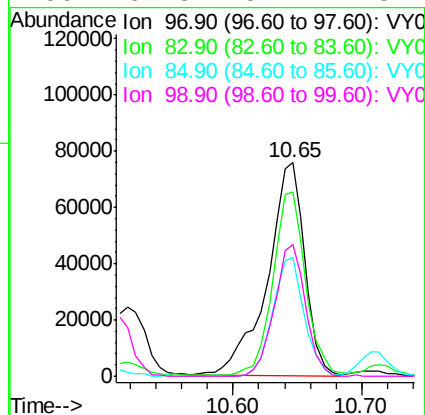
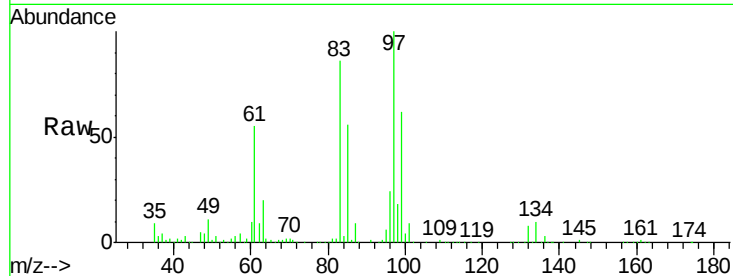
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	153302
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.8	103.2
85	56.2	44.9	67.3
99	62.3	52.1	78.1

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#56

Ethyl methacrylate

Concen: 61.962 ug/l

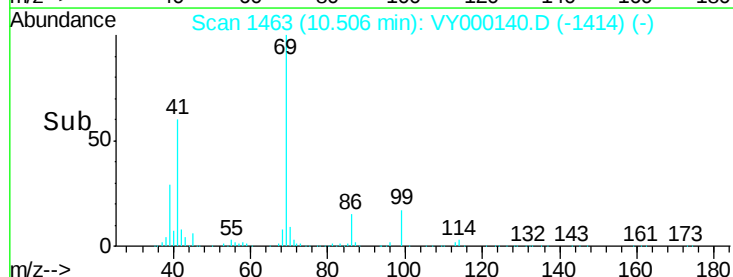
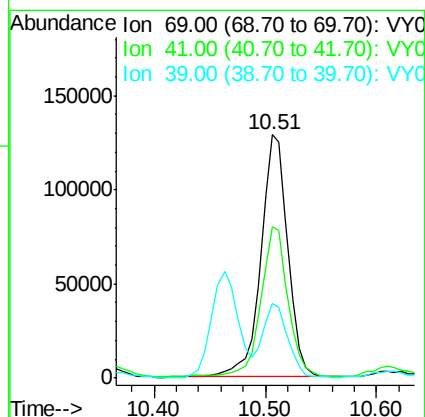
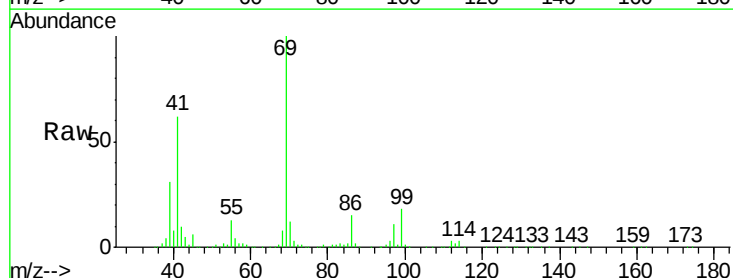
RT: 10.51 min Scan# 1463

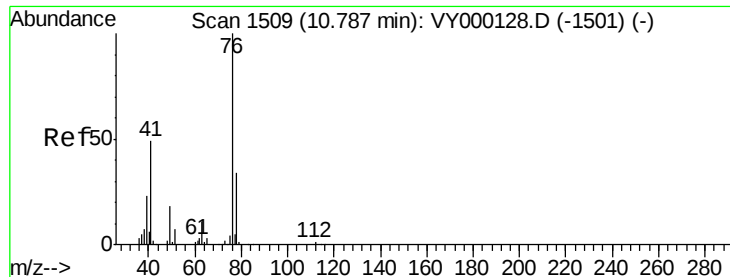
Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Tgt Ion:	69	Resp:	216404
Ion	Ratio	Lower	Upper
69	100		
41	63.4	47.9	71.9
39	28.5	27.4	41.0





#57

1,3-Dichloropropane

Concen: 51.403 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 221577

Ion Ratio Lower Upper

76 100

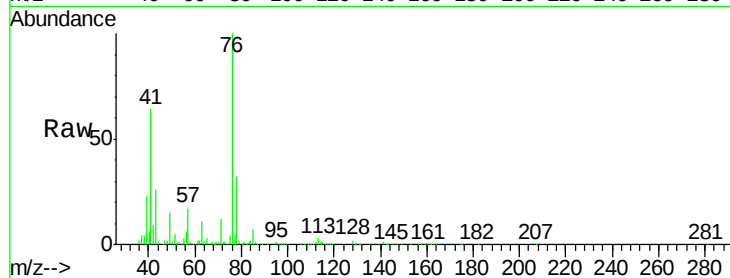
78 32.3 26.5 39.7

Manual Integrations

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MMDadoda

9/25/2019 12:39:36 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

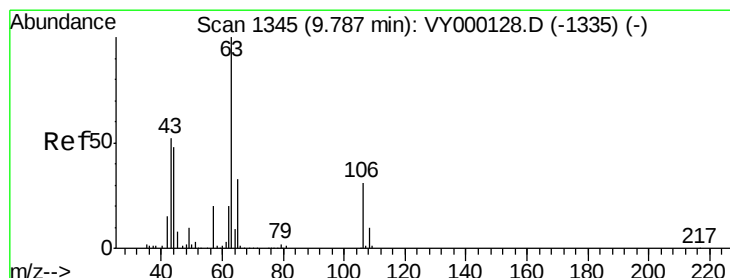
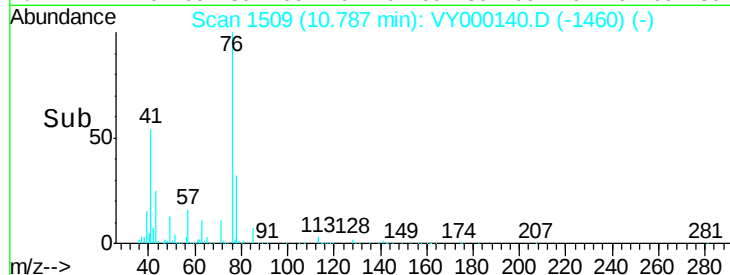
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 268.579 ug/l

RT: 9.78 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000140.D

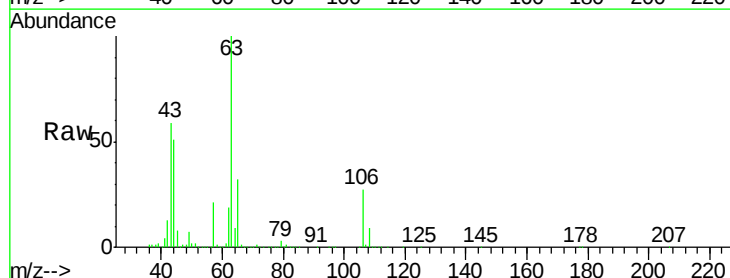
Acq: 23 Sep 2019 18:53

Tgt Ion: 63 Resp: 463101

Ion Ratio Lower Upper

63 100

106 27.8 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

300000

250000

200000

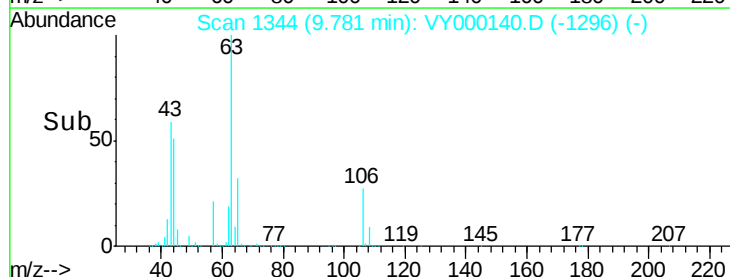
150000

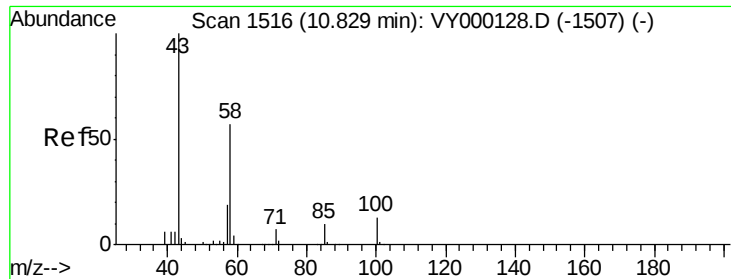
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50000

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Time-->





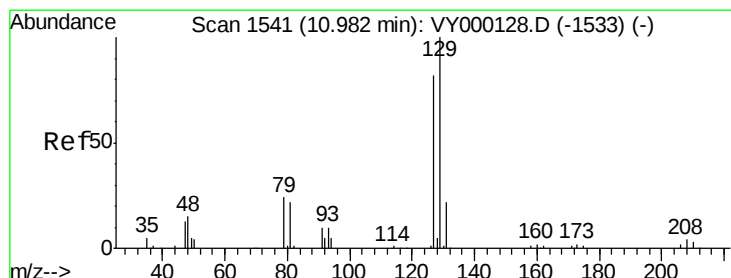
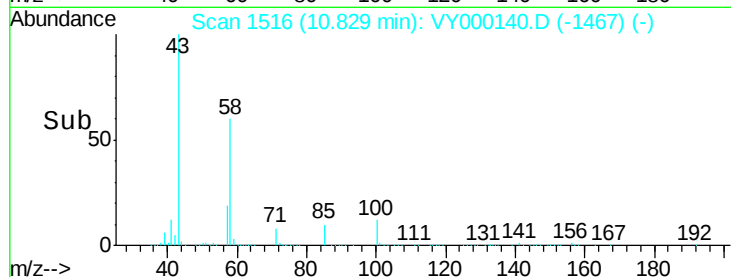
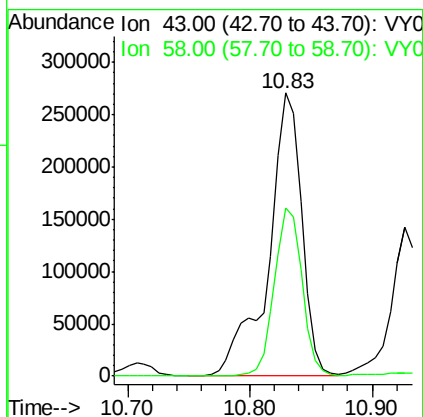
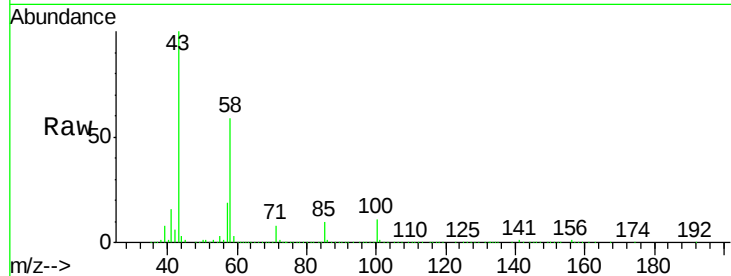
#59
2-Hexanone
Concen: 324.328 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 510691
Ion Ratio Lower Upper
43 100
58 49.8 29.1 87.3

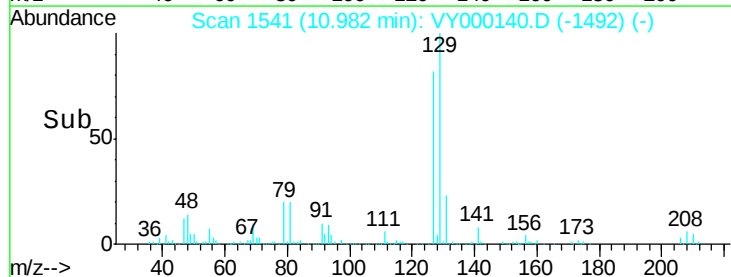
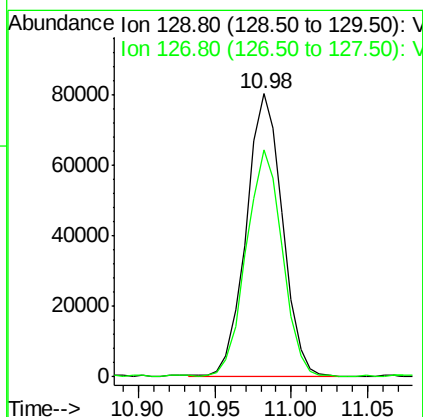
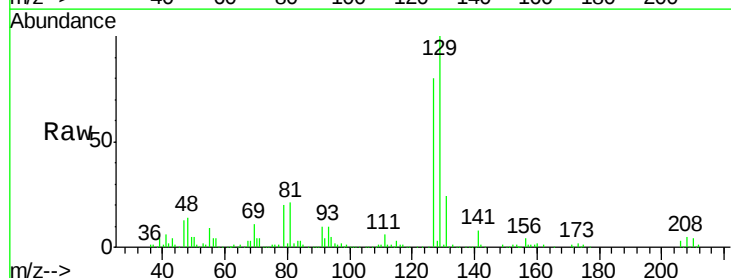
Manual Integrations
APPROVED

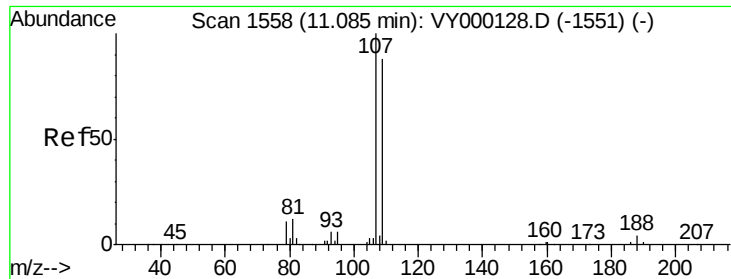
MMDadoda
9/25/2019 12:39:36 AM



#60
Dibromochloromethane
Concen: 50.700 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion: 129 Resp: 131382
Ion Ratio Lower Upper
129 100
127 80.4 37.5 112.3





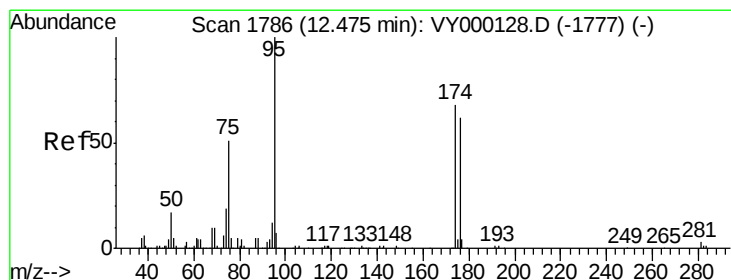
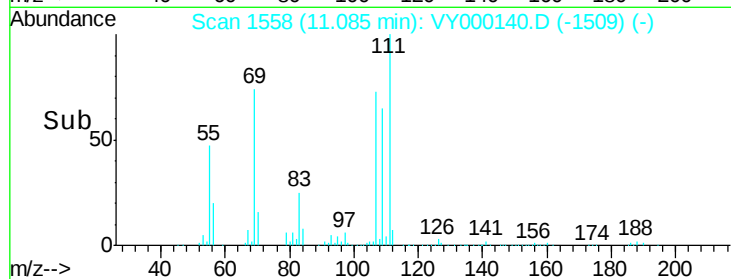
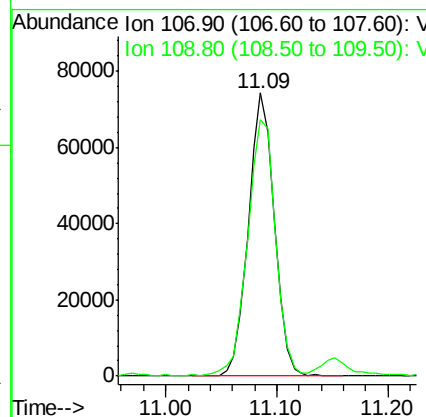
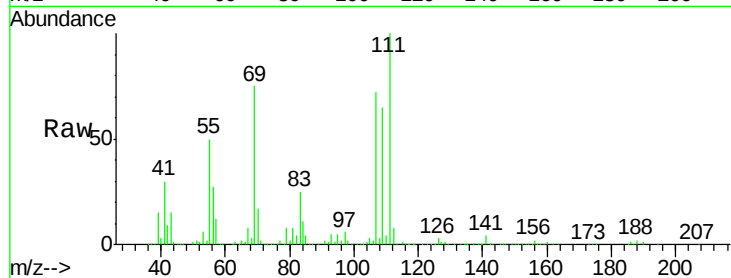
#61
 1,2-Dibromoethane
 Concen: 51.804 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VY000140.D
 Acq: 23 Sep 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.1	74.0	111.0

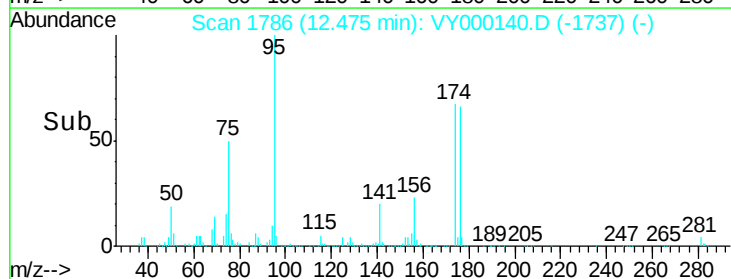
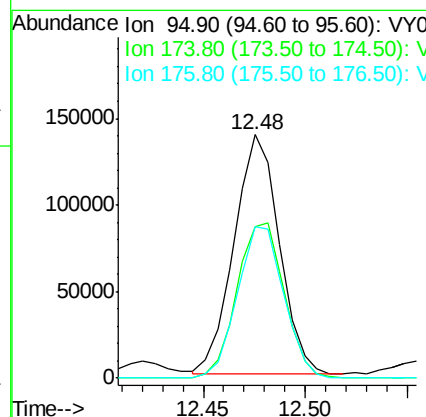
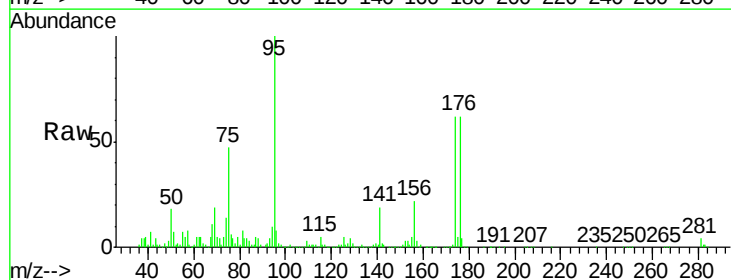
Manual Integrations
 APPROVED

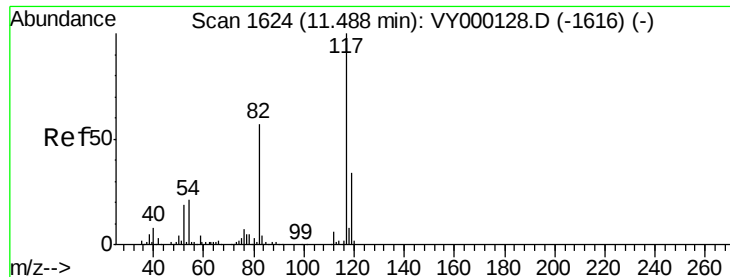
MMDadoda
 9/25/2019 12:39:36 AM



#62
 4-Bromofluorobenzene
 Concen: 55.252 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: VY000140.D
 Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.1	0.0	140.8
176	65.2	0.0	135.0





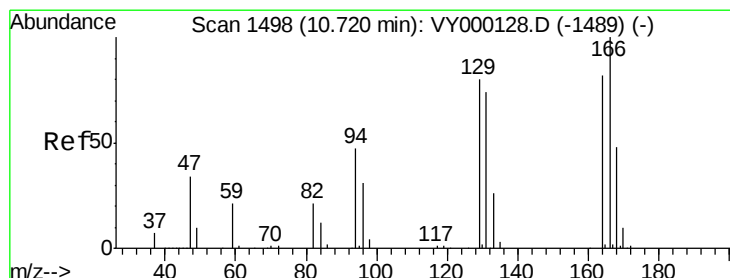
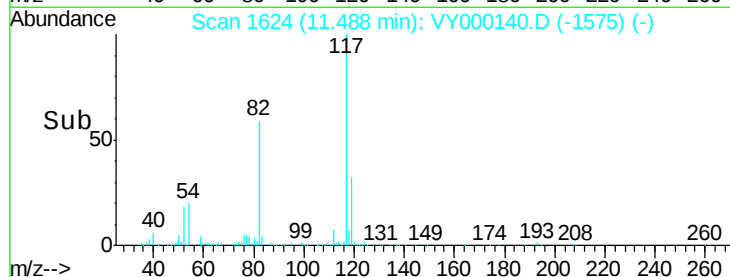
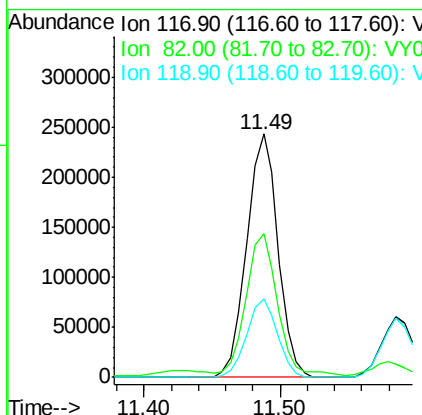
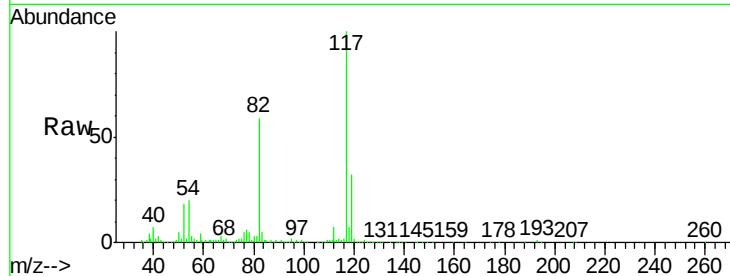
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	390663		
82	57.9	45.5	68.3	
119	32.2	27.3	40.9	

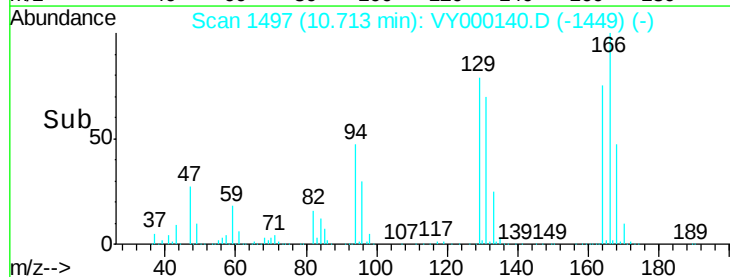
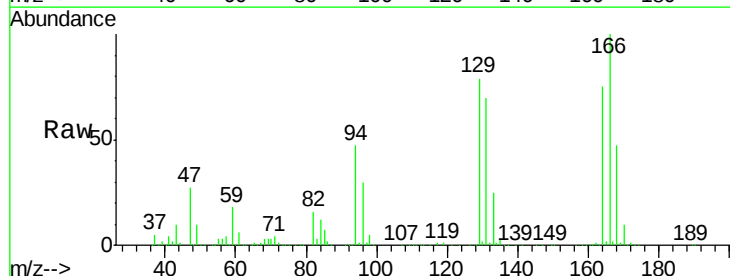
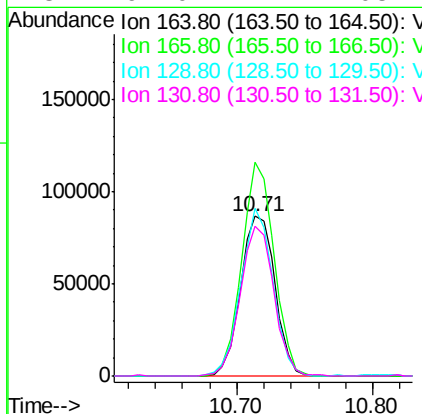
Manual Integrations
APPROVED

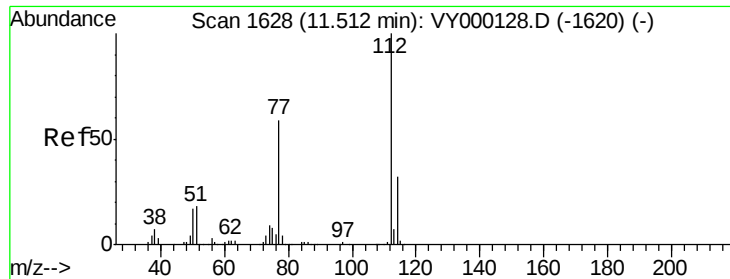
MMDadoda
9/25/2019 12:39:36 AM



#64
Tetrachloroethene
Concen: 51.452 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.01 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	153000		
166	133.9	97.0	145.6	
129	105.1	77.6	116.4	
131	94.0	72.1	108.1	





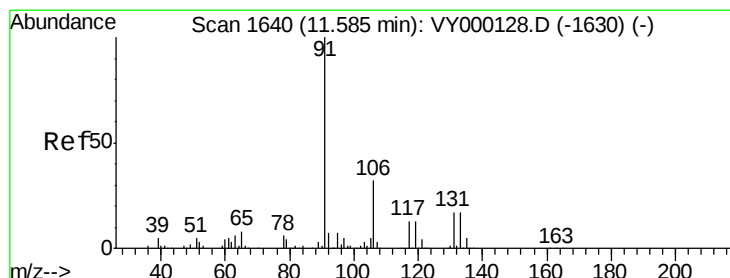
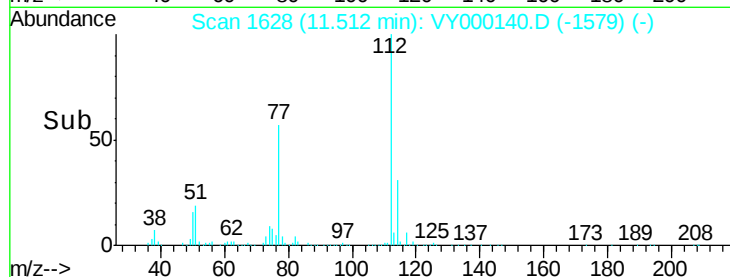
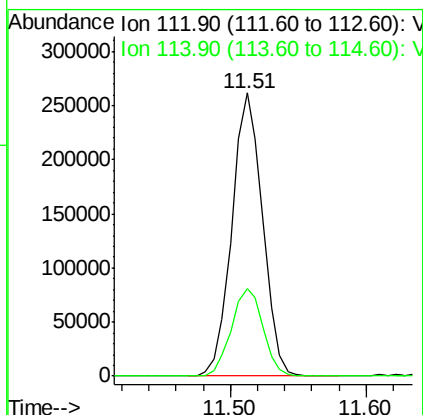
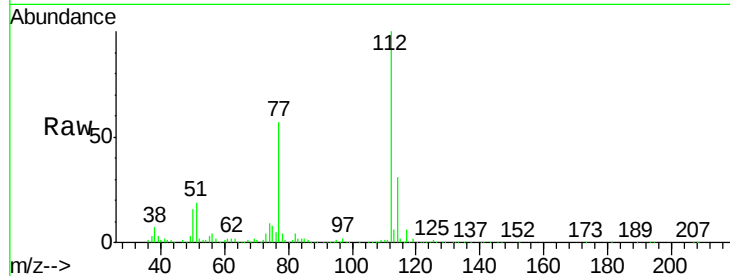
#65
Chlorobenzene
Concen: 51.562 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 408909
Ion Ratio Lower Upper
112 100
114 31.0 25.6 38.4

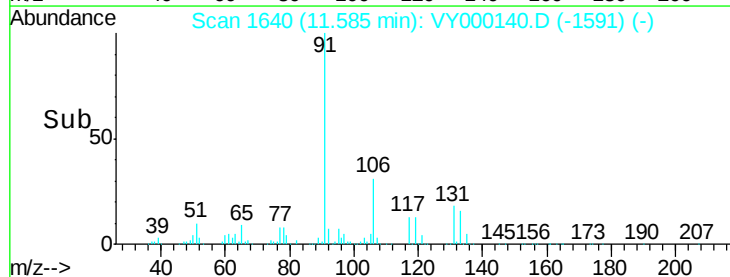
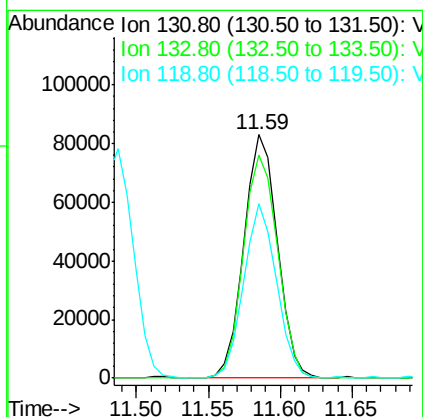
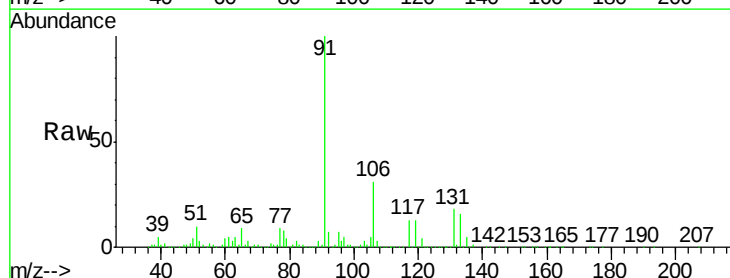
Manual Integrations
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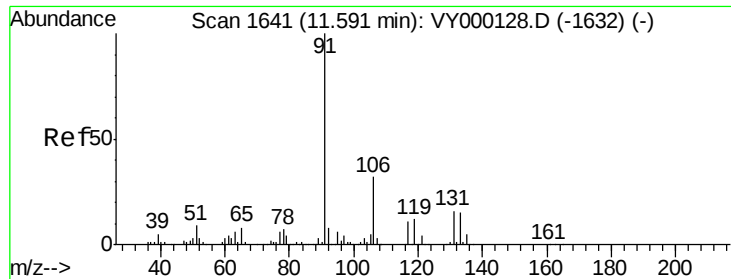
MMDadoda
9/25/2019 12:39:36 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.559 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion:131 Resp: 133933
Ion Ratio Lower Upper
131 100
133 93.5 47.5 142.5
119 69.6 35.4 106.2





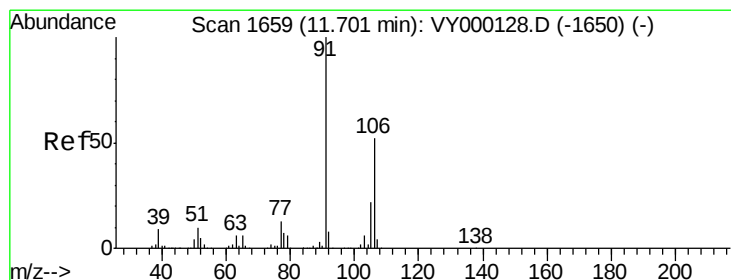
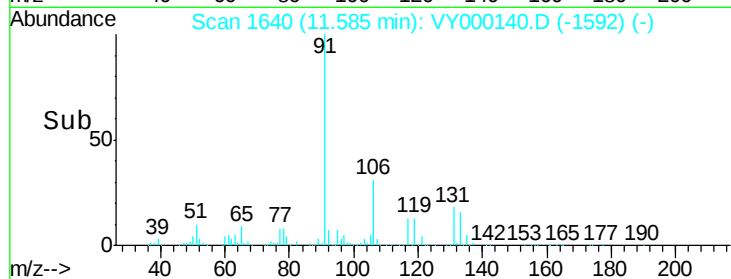
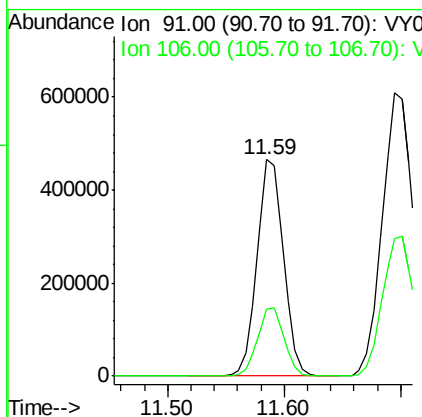
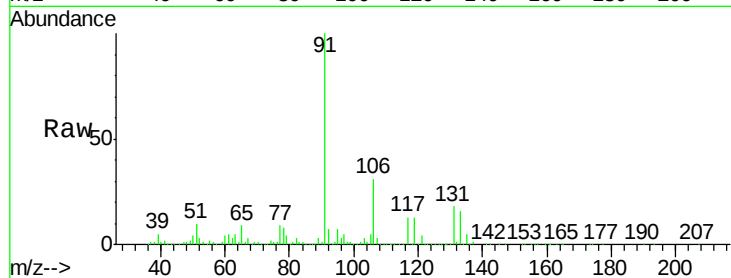
#67
Ethyl Benzene
Concen: 51.336 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. -0.01 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 740027
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

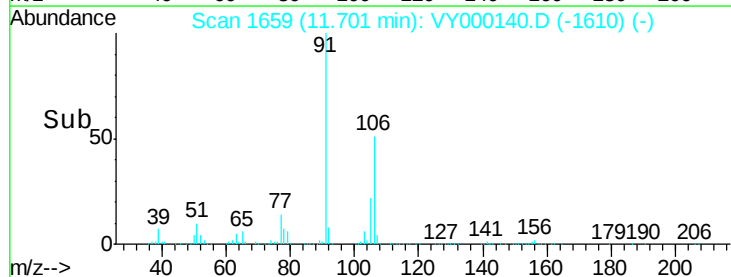
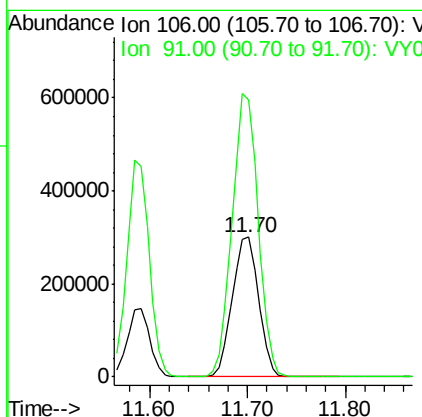
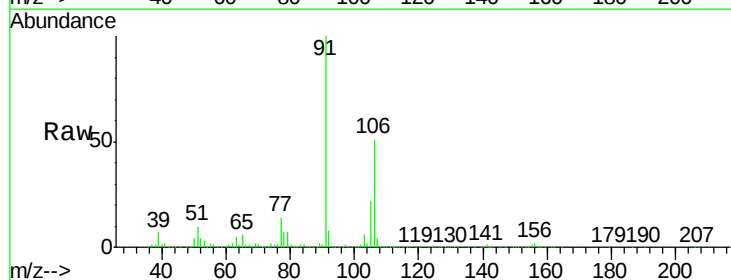
Manual Integrations
APPROVED

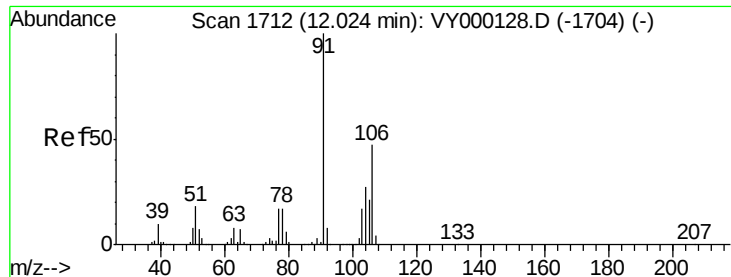
MMDadoda
9/25/2019 12:39:36 AM



#68
m/p-Xylenes
Concen: 101.280 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion: 106 Resp: 563012
Ion Ratio Lower Upper
106 100
91 199.6 154.6 232.0





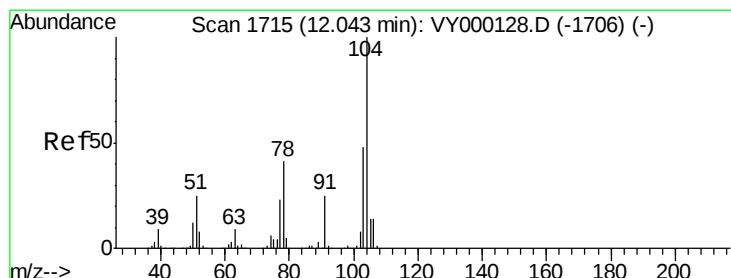
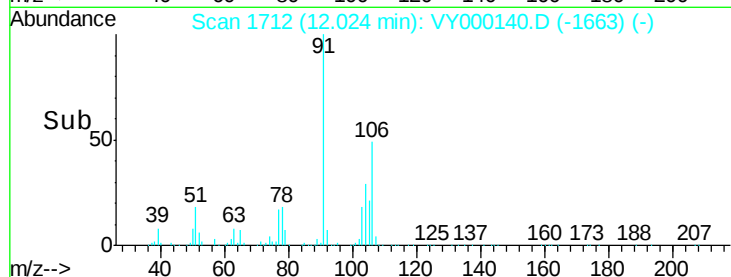
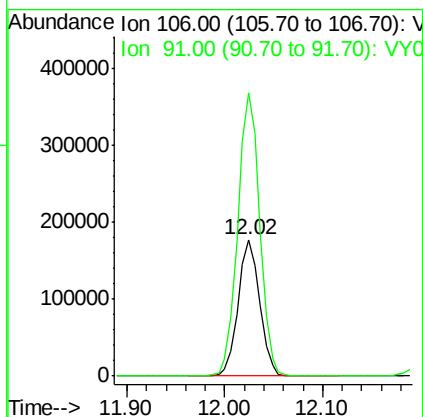
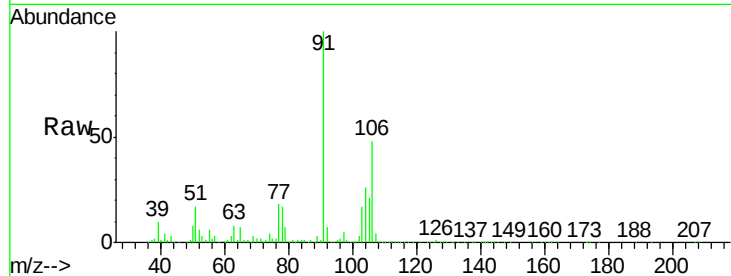
#69
o-Xylene
Concen: 50.966 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	270839		
91	91	209.8	102.1	306.1	

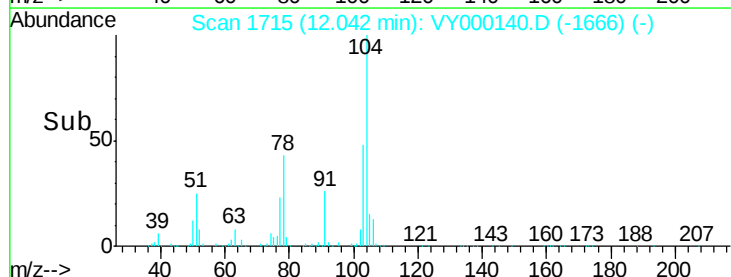
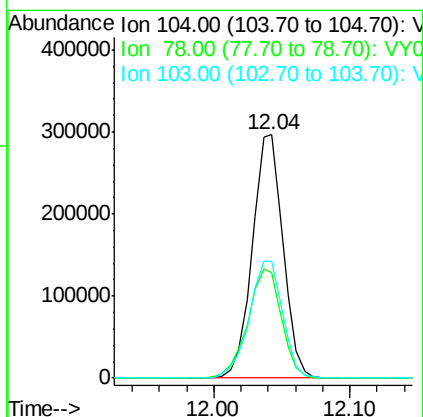
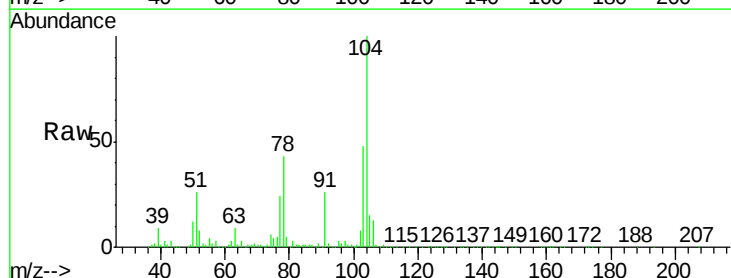
Manual Integrations
APPROVED

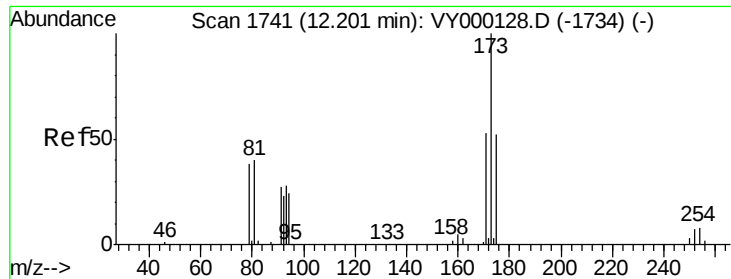
MMDadoda
9/25/2019 12:39:36 AM



#70
Styrene
Concen: 52.409 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	470576		
78	78	49.0	37.3	55.9	
103	103	52.2	42.2	63.2	





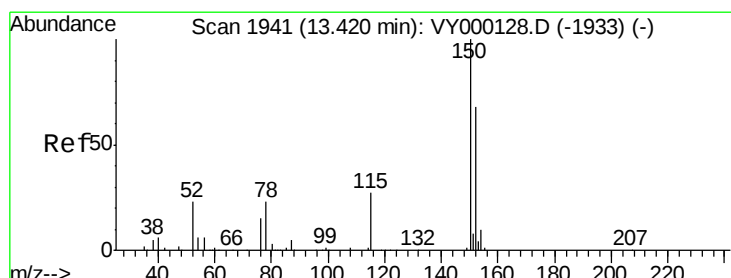
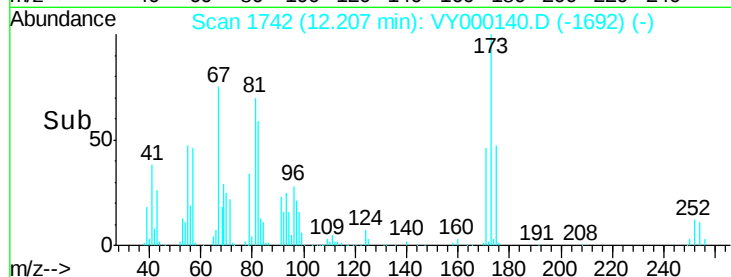
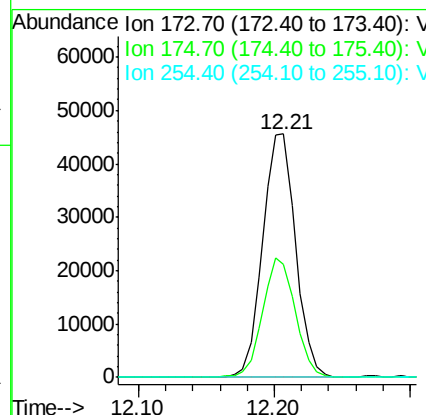
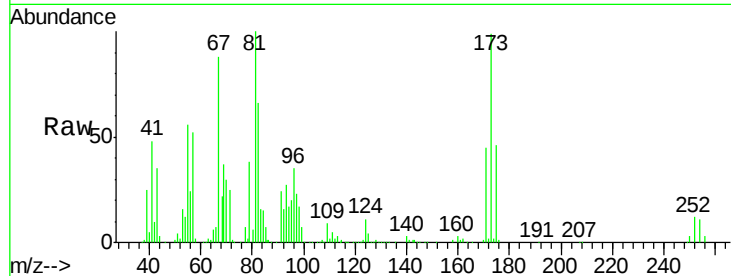
#71
Bromoform
Concen: 53.860 ug/l
RT: 12.21 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.9	71.8
254	0.0	0.0	0.0

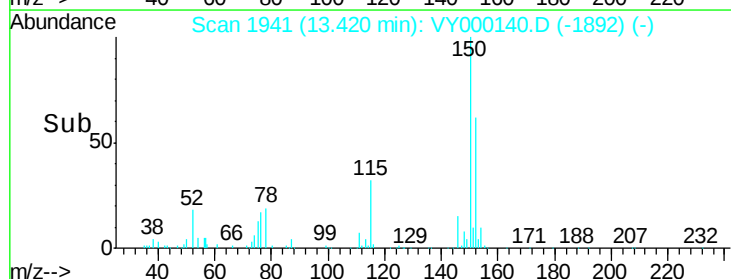
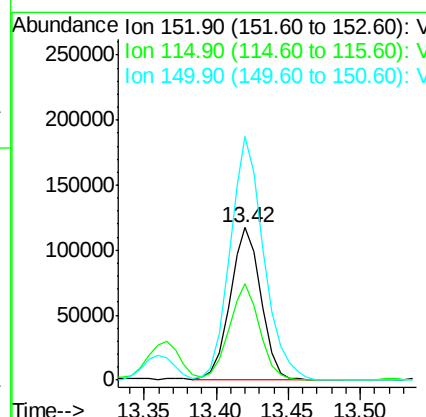
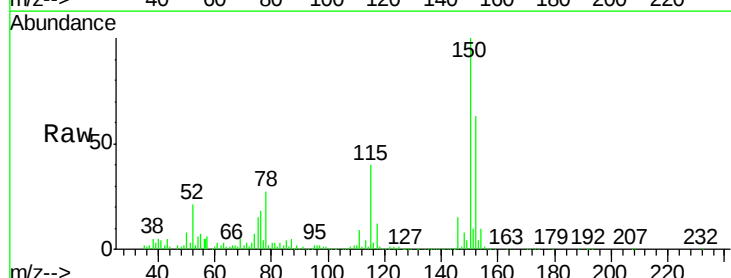
Manual Integrations
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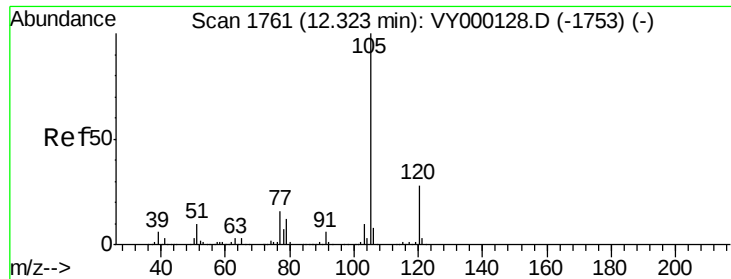
MMDadoda
9/25/2019 12:39:36 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	30.8	92.3
150	173.6	0.0	354.6





#73

Isopropylbenzene

Concen: 52.263 ug/l

RT: 12.32 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 731791

Ion Ratio Lower Upper

105 100

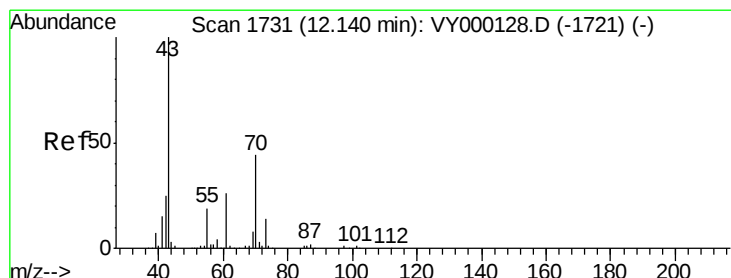
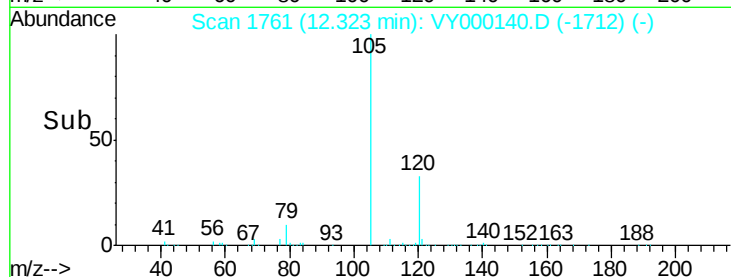
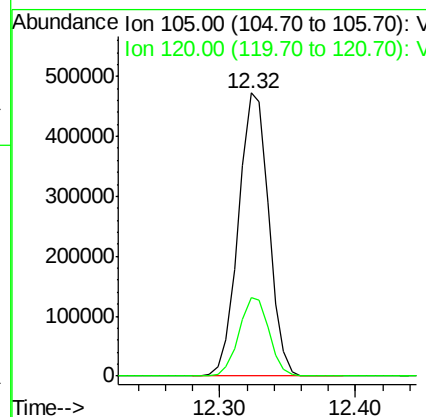
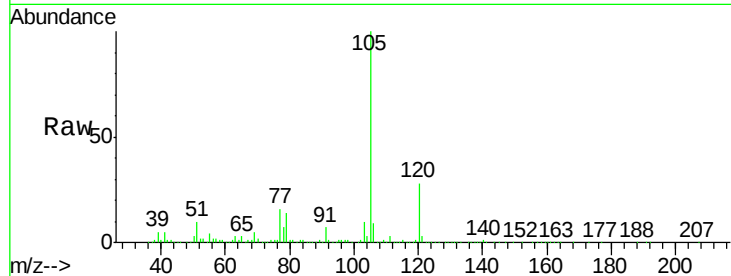
120 27.4 13.8 41.3

Manual Integrations

APPROVED

MMDadoda

9/25/2019 12:39:36 AM



#74

N-ethyl acetate

Concen: 77.581 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Tgt Ion: 43 Resp: 302754

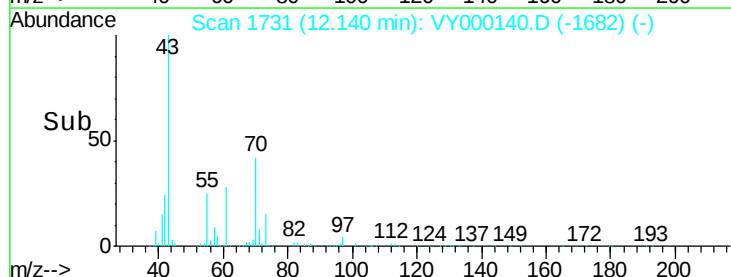
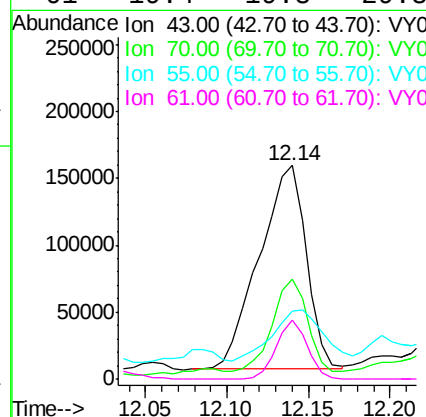
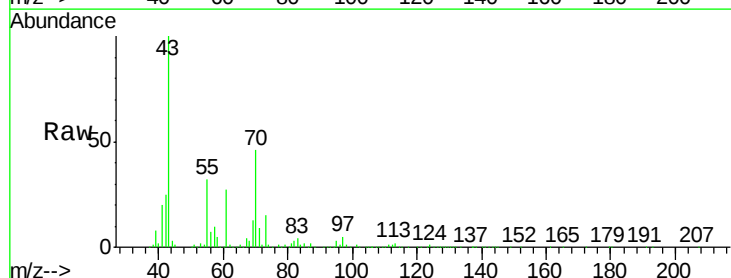
Ion Ratio Lower Upper

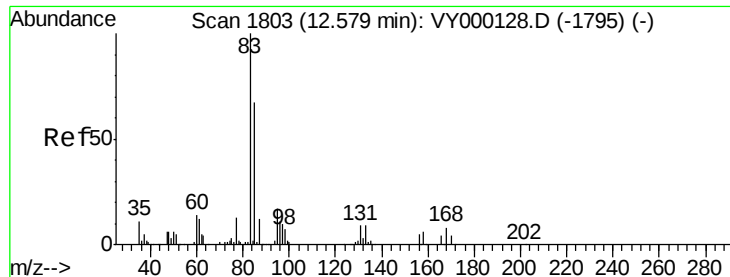
43 100

70 33.6 35.7 53.5#

55 28.1 17.2 25.8#

61 19.4 19.8 29.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 57.061 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

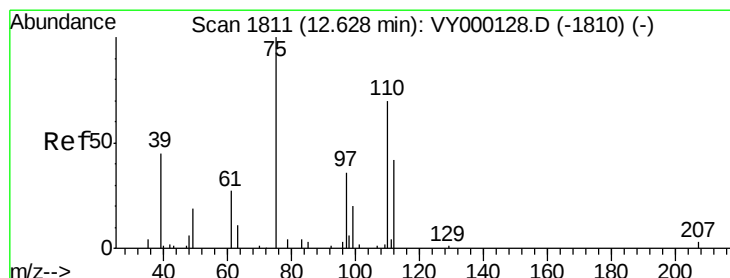
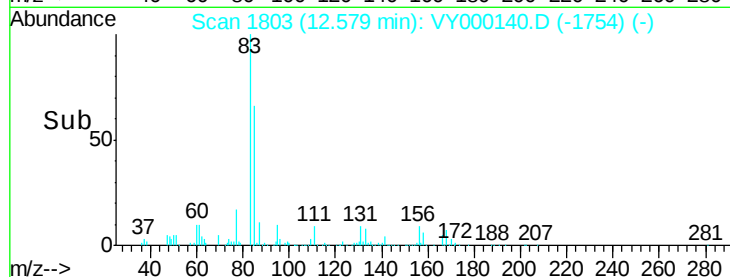
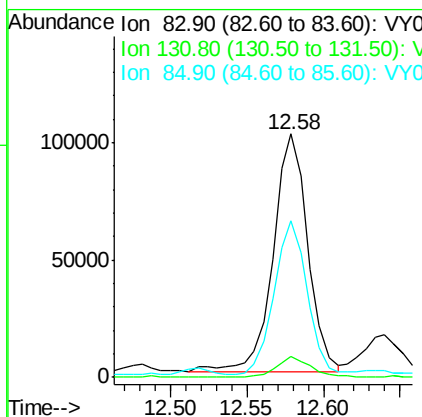
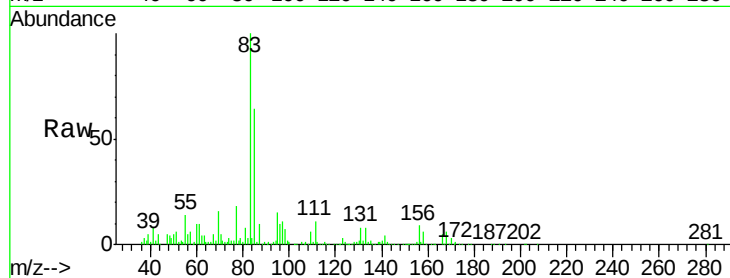
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	159525
Ion Ratio	Lower	Upper	
83	100		
131	8.8	4.9	14.6
85	62.0	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 61.713 ug/l m

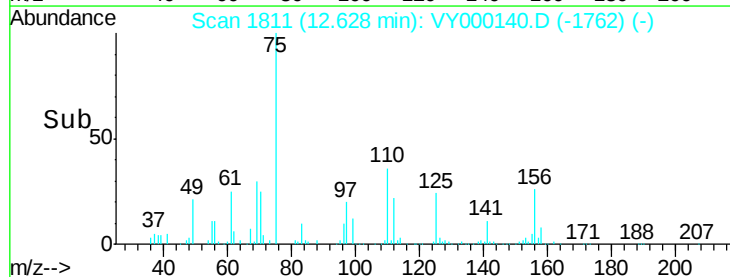
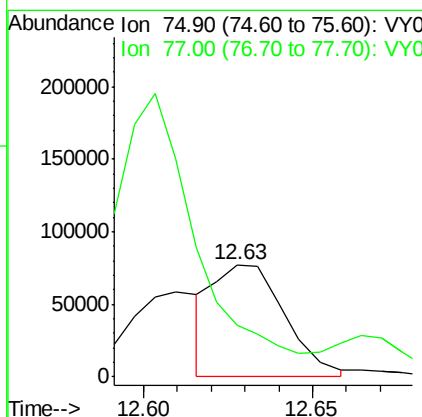
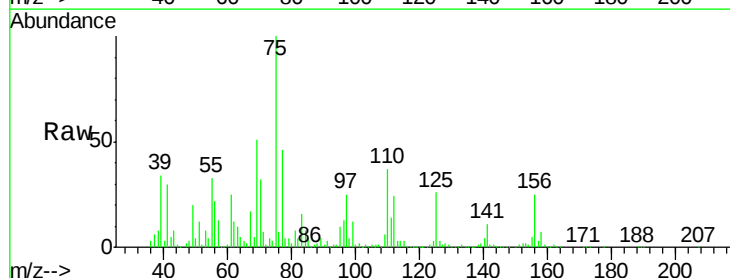
RT: 12.63 min Scan# 1811

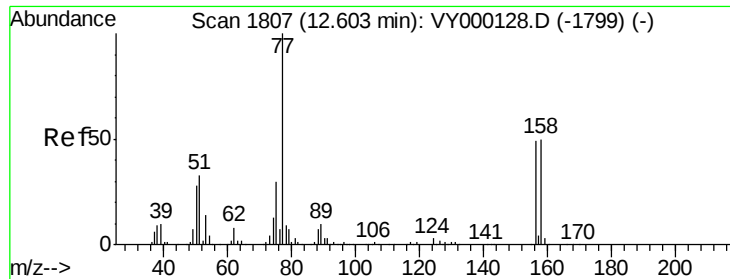
Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Tgt Ion:	75	Resp:	113736
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





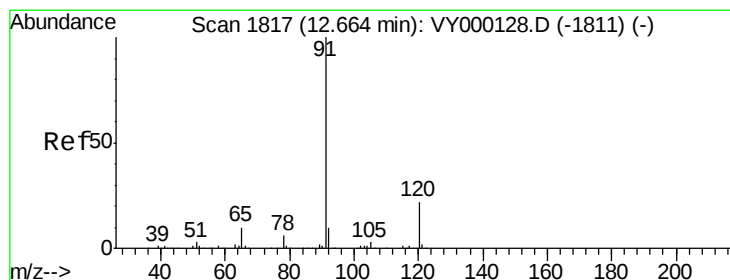
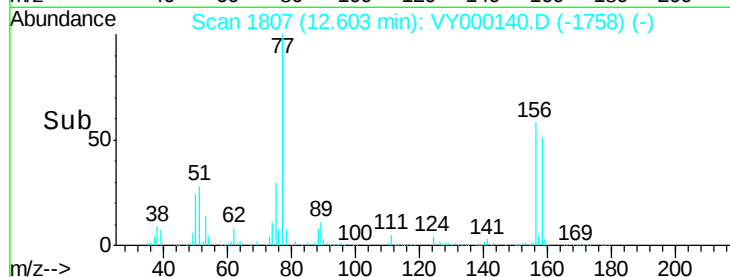
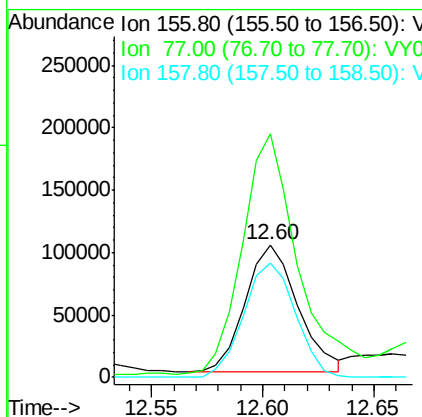
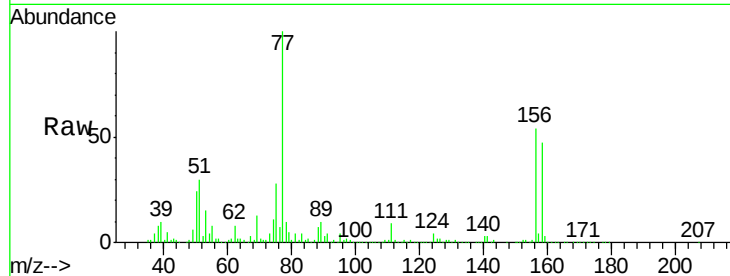
#77
Bromobenzene
Concen: 57.121 ug/l
RT: 12.60 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	201.0	105.0	314.9
158	88.7	48.4	145.2

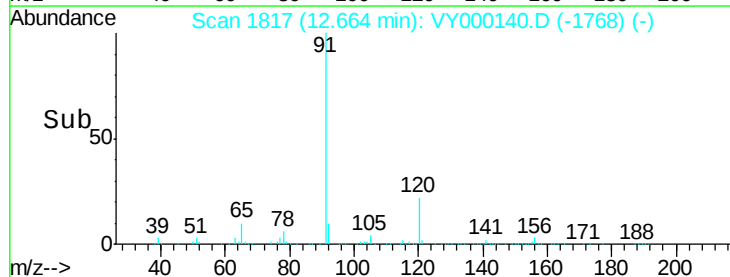
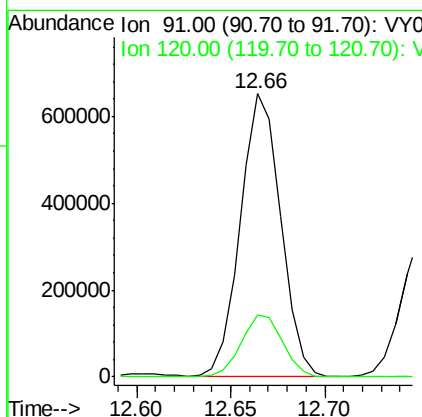
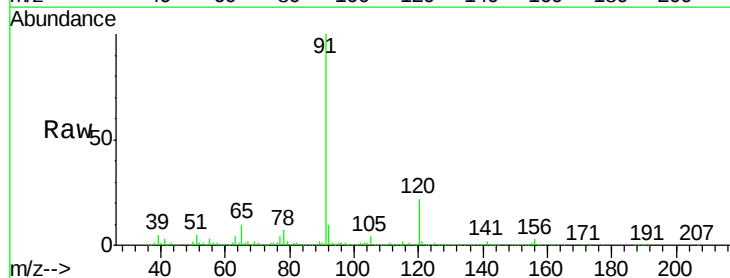
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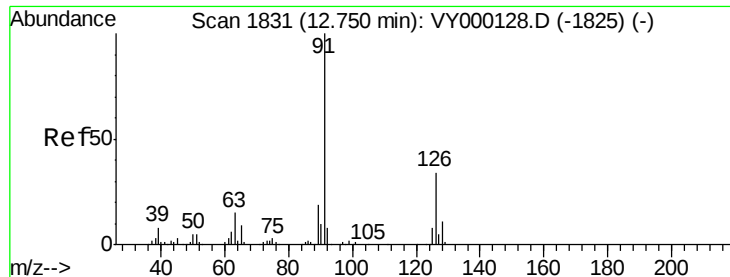
MMDadoda
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#78
n-propylbenzene
Concen: 55.673 ug/l
RT: 12.66 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.6	34.7





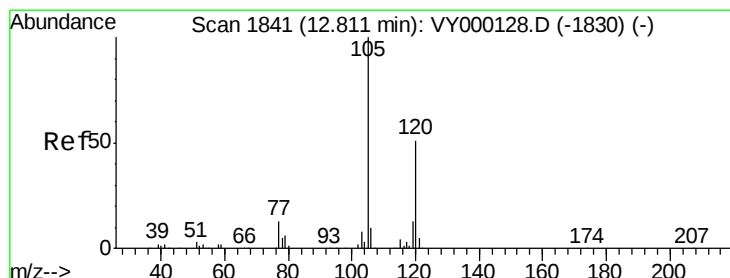
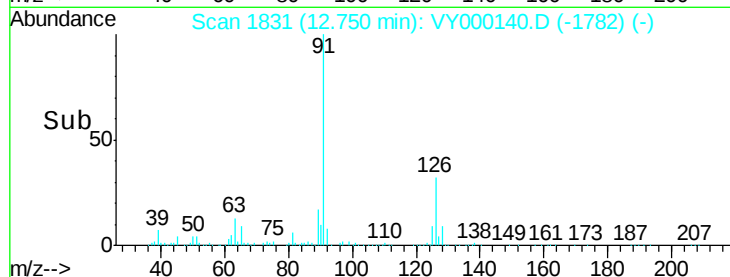
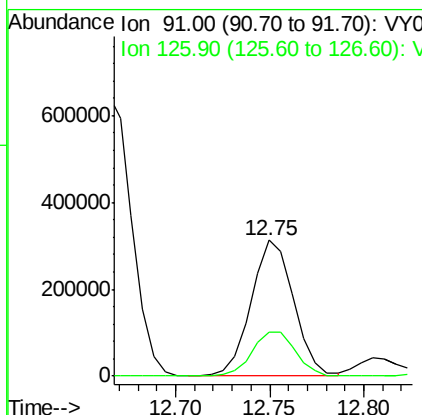
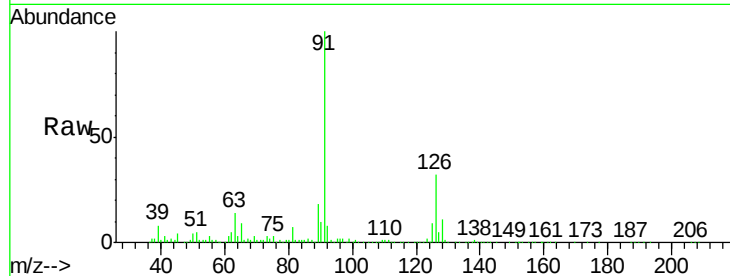
#79
 2-Chlorotoluene
 Concen: 51.026 ug/l
 RT: 12.75 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VY000140.D
 Acq: 23 Sep 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 485075
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.5 52.5

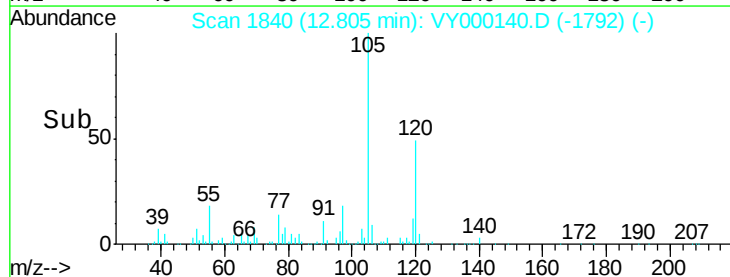
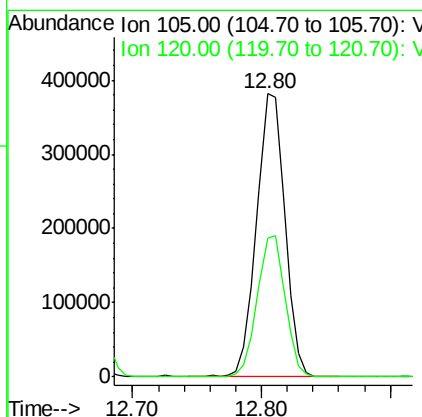
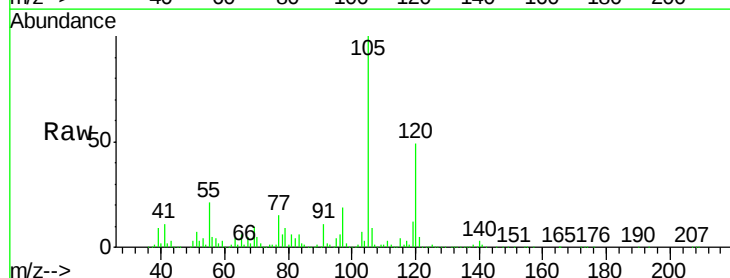
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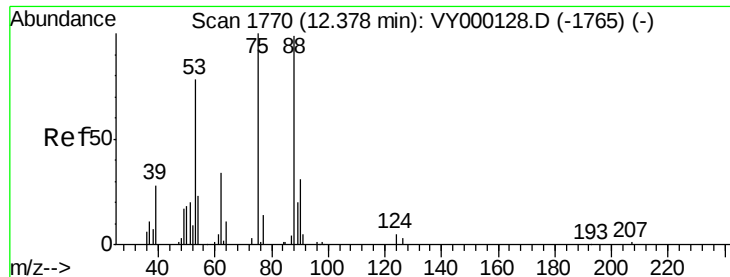
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.303 ug/l
 RT: 12.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VY000140.D
 Acq: 23 Sep 2019 18:53

Tgt Ion: 105 Resp: 577724
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.524 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

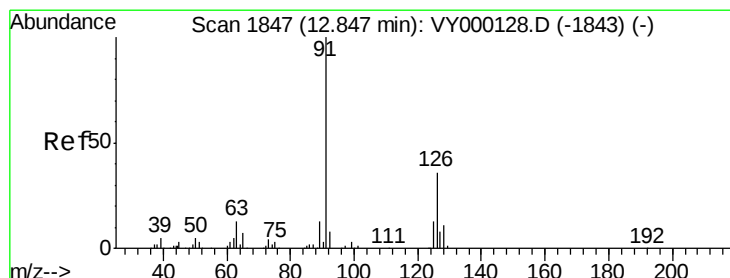
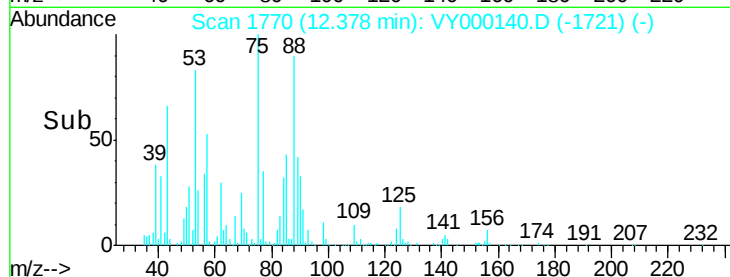
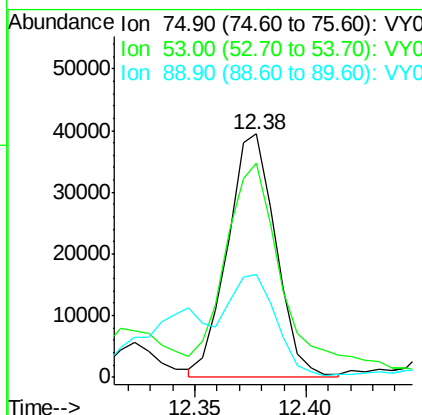
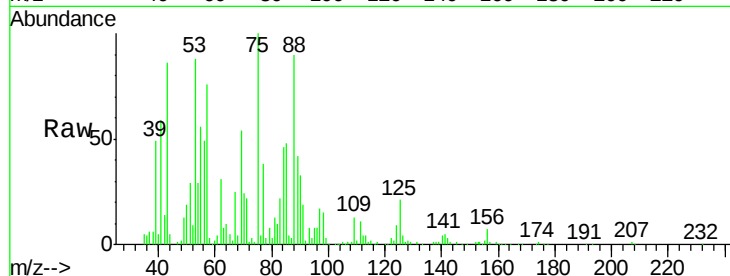
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	58891
Ion Ratio	Lower	Upper	
75	100		
53	98.8	62.5	93.7#
89	40.1	31.4	47.2

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#82

4-Chlorotoluene

Concen: 51.633 ug/l

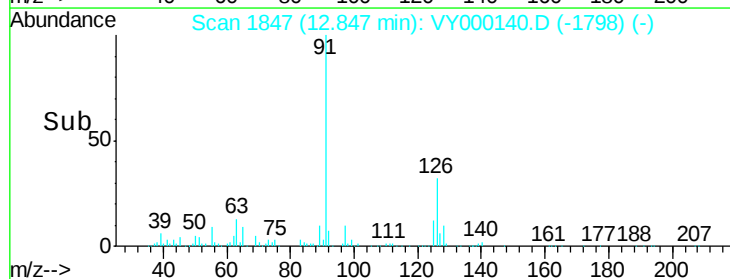
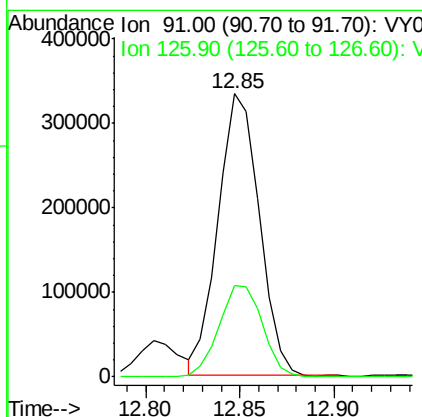
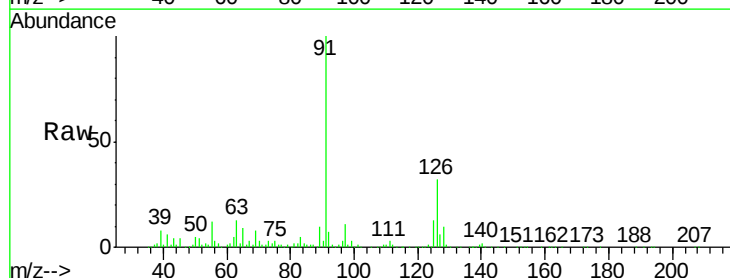
RT: 12.85 min Scan# 1847

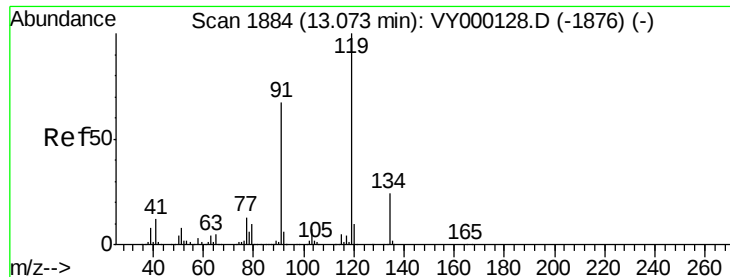
Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Tgt Ion:	91	Resp:	506255
Ion Ratio	Lower	Upper	
91	100		
126	34.2	17.3	51.9





#83

tert-Butylbenzene

Concen: 50.428 ug/l

RT: 13.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

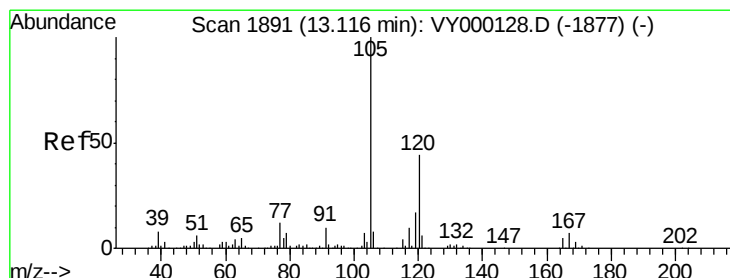
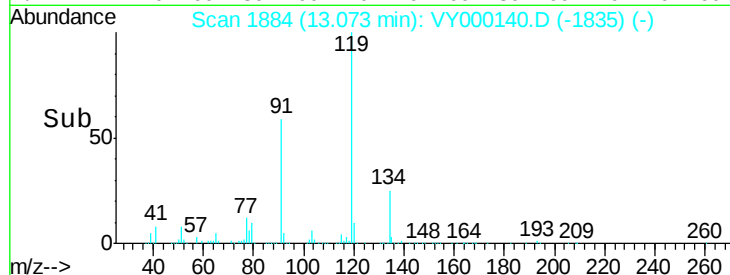
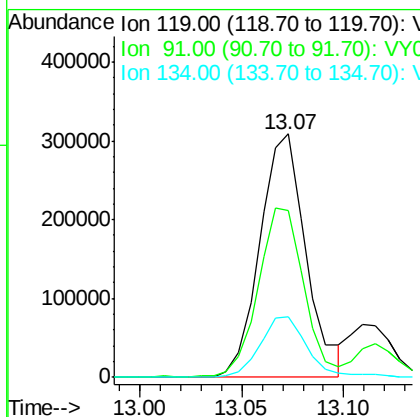
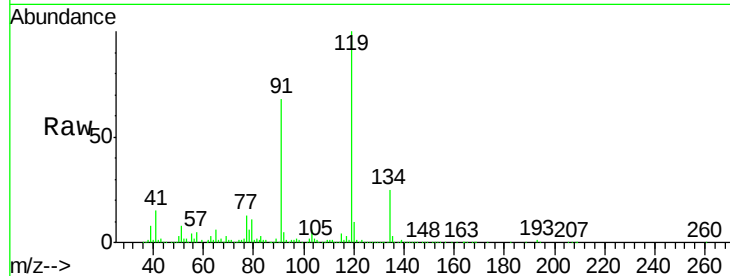
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	484043
Ion Ratio	Lower	Upper	
119	100		
91	68.5	33.6	100.8
134	26.0	12.6	37.6

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#84

1,2,4-Trimethylbenzene

Concen: 49.965 ug/l

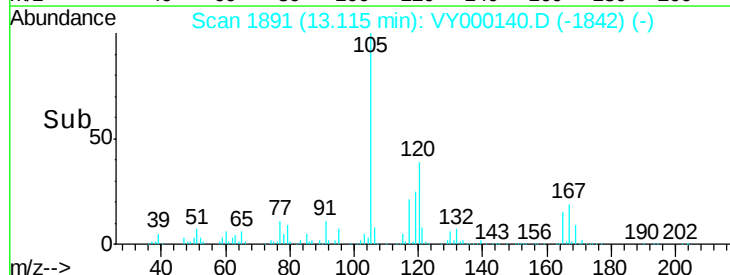
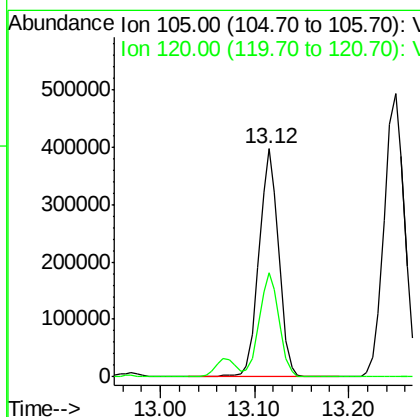
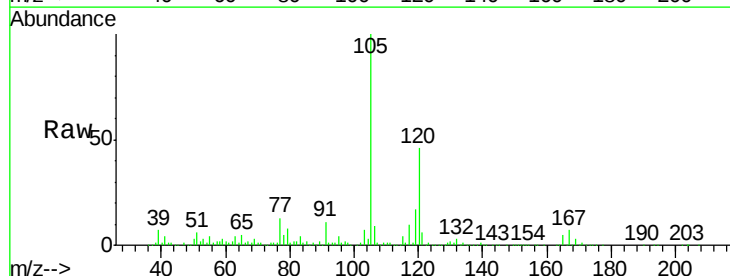
RT: 13.12 min Scan# 1891

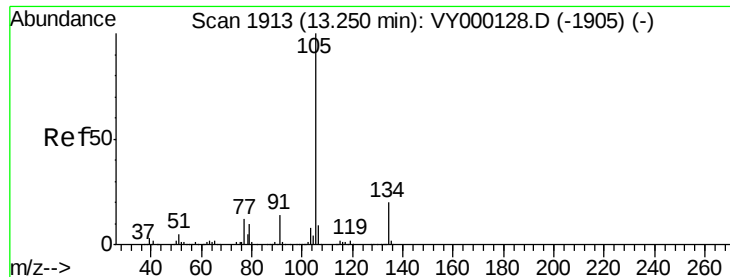
Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Tgt Ion:	105	Resp:	584284
Ion Ratio	Lower	Upper	
105	100		
120	46.0	22.9	68.8





#85

sec-Butylbenzene

Concen: 51.416 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 737749

Ion Ratio Lower Upper

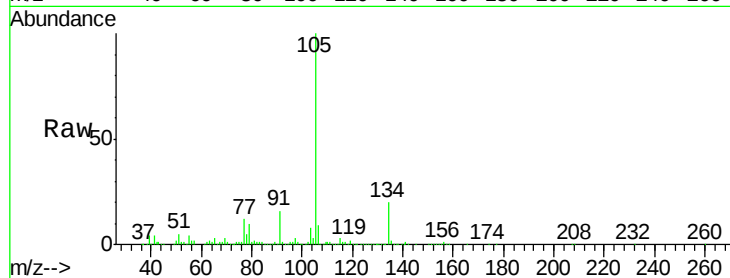
105 100

134 20.2 10.2 30.4

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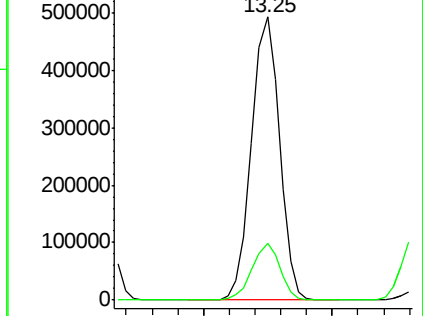
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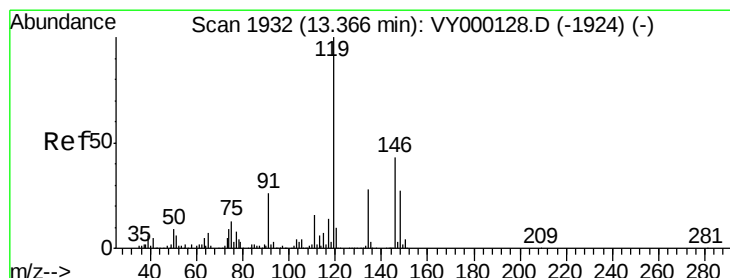
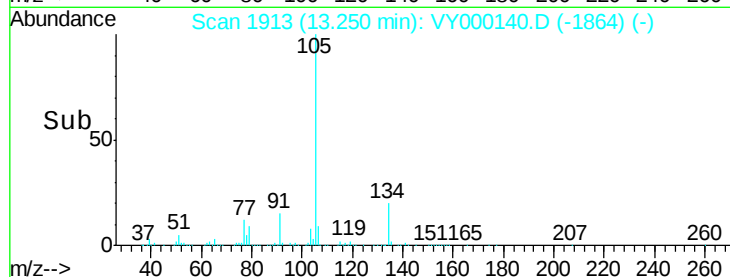


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 49.293 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

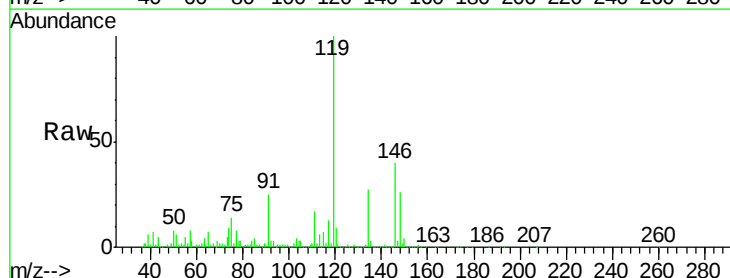
Tgt Ion:119 Resp: 603060

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

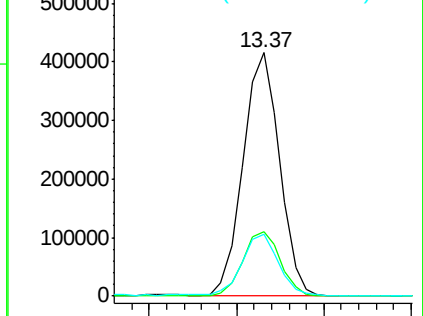
91 25.1 12.8 38.3



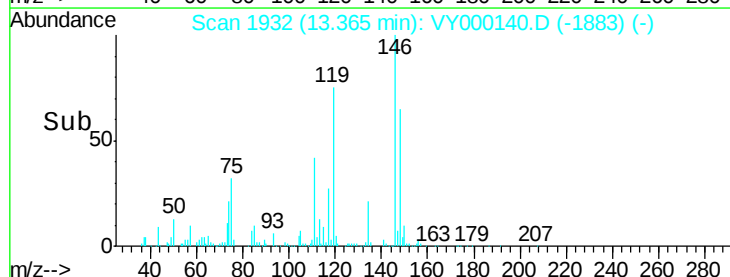
Abundance Ion 119.00 (118.70 to 119.70): V

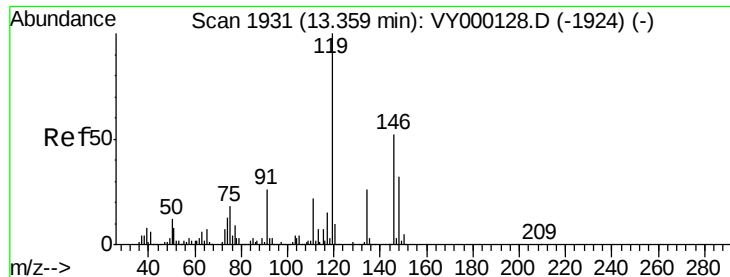
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time-->





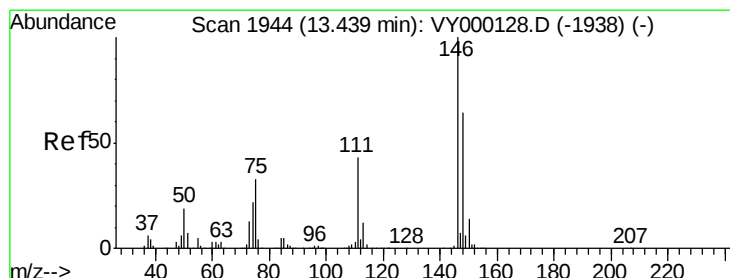
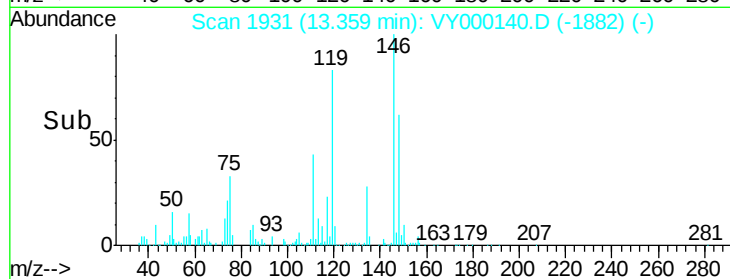
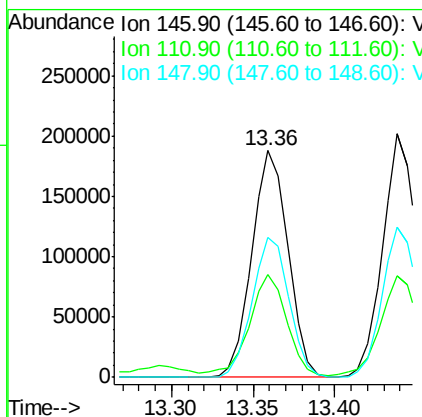
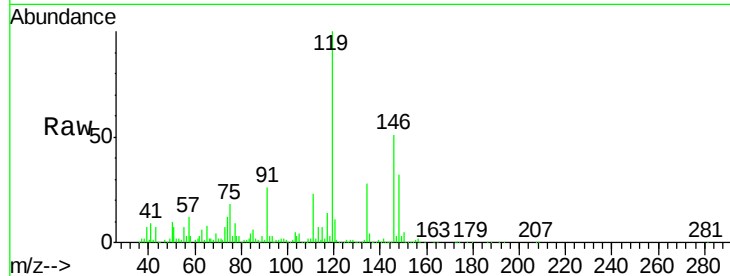
#87
 1,3-Dichlorobenzene
 Concen: 50.709 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VY000140.D
 Acq: 23 Sep 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	290506		
111	45.0	20.4	61.2	
148	62.8	31.9	95.5	

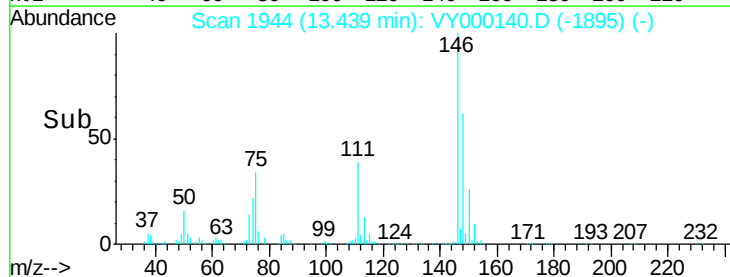
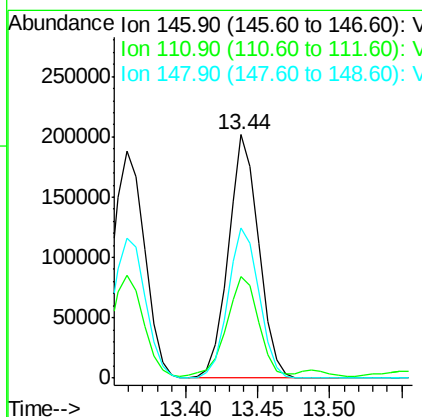
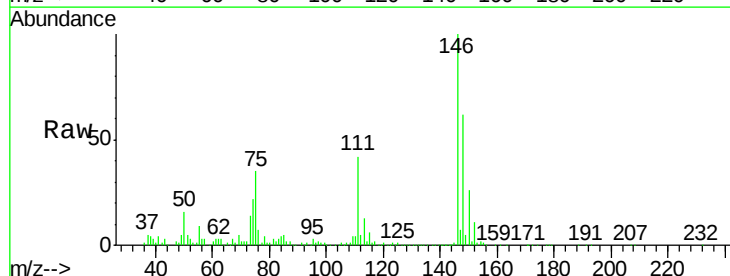
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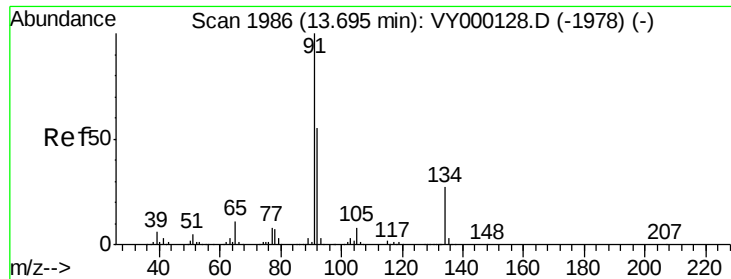
MMDadoda
 9/25/2019 12:39:36 AM



#88
 1,4-Dichlorobenzene
 Concen: 50.864 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VY000140.D
 Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	297432		
111	42.7	20.6	61.8	
148	63.2	31.6	95.0	





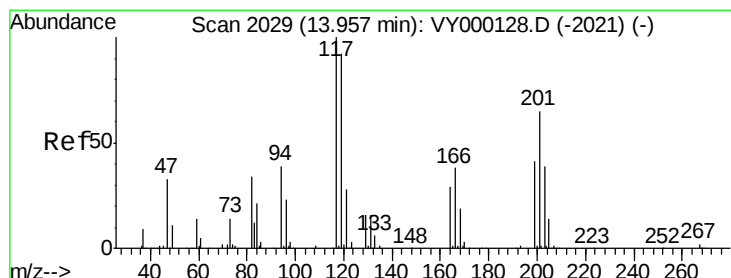
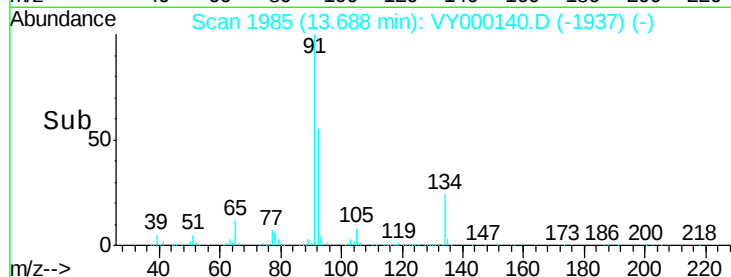
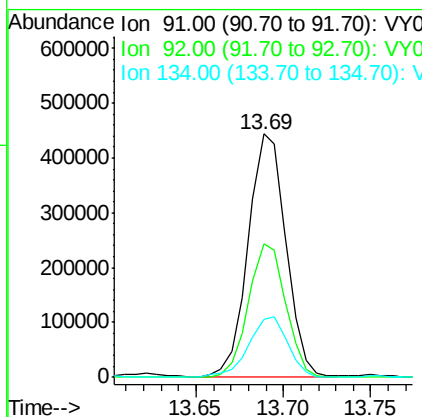
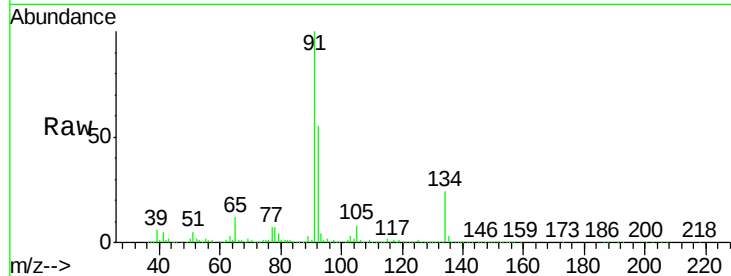
#89
n-Butylbenzene
Concen: 52.645 ug/l
RT: 13.69 min Scan# 1985
Delta R.T. -0.01 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.5
134	26.4	12.9	38.7

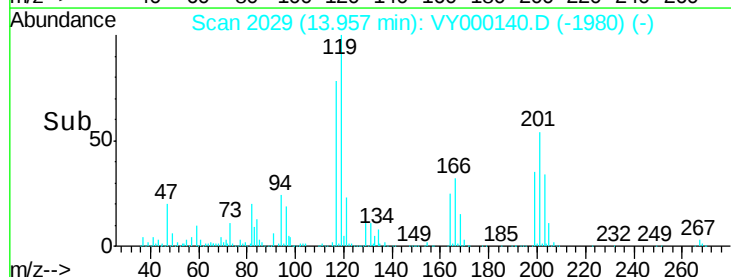
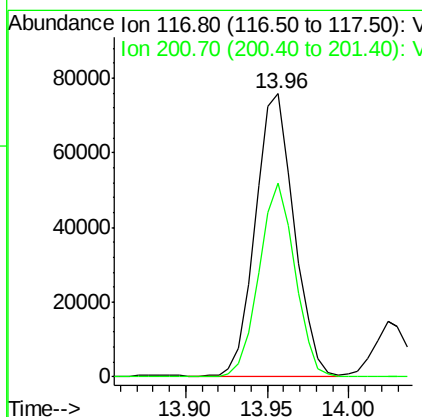
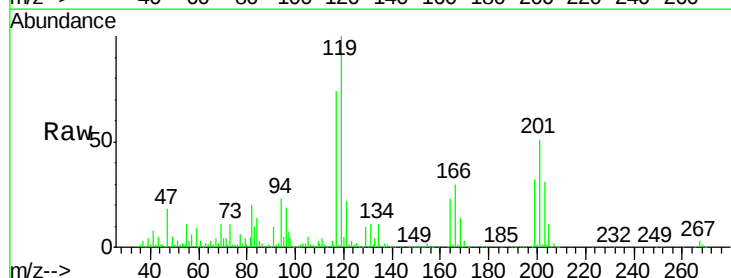
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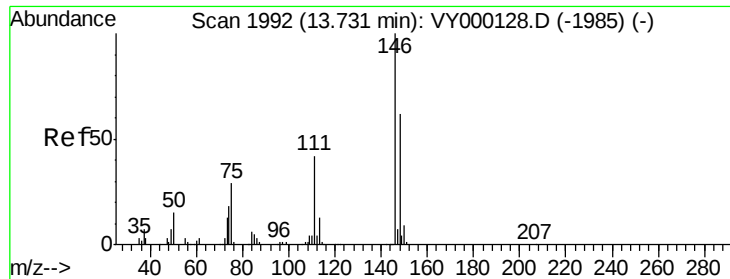
MMDadoda
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#90
Hexachloroethane
Concen: 51.207 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.6	30.1	90.5





#91

1,2-Dichlorobenzene

Concen: 49.713 ug/l

RT: 13.73 min Scan# 1992

Delta R.T. -0.00 min

Lab File: VY000140.D

Acq: 23 Sep 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:146 Resp: 268678
Ion Ratio Lower Upper

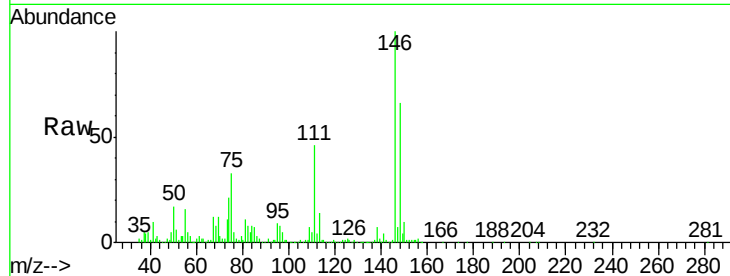
146 100

111 47.4 21.7 65.1

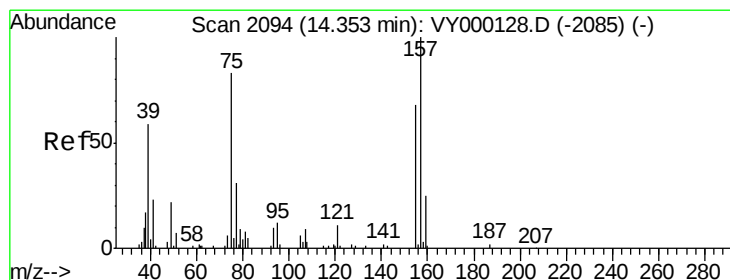
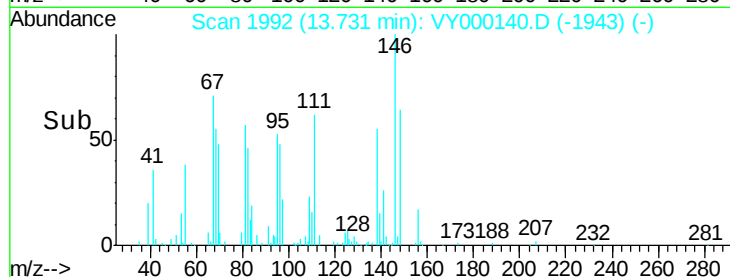
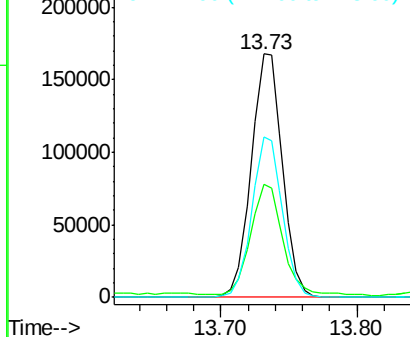
148 64.6 31.5 94.5

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.604 ug/l

RT: 14.35 min Scan# 2094

Delta R.T. -0.00 min

Lab File: VY000140.D

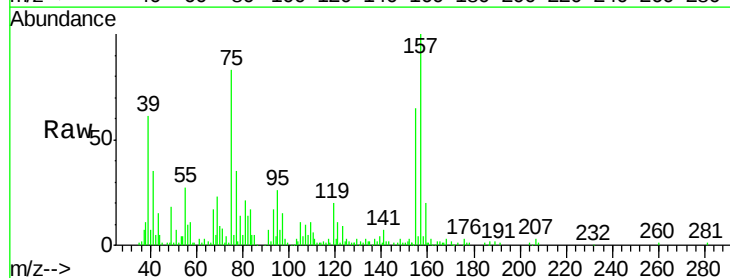
Acq: 23 Sep 2019 18:53

Tgt Ion: 75 Resp: 25489
Ion Ratio Lower Upper

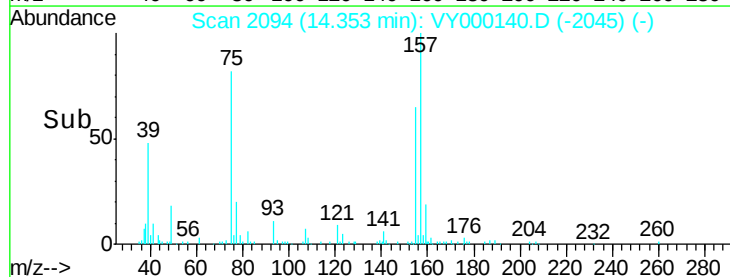
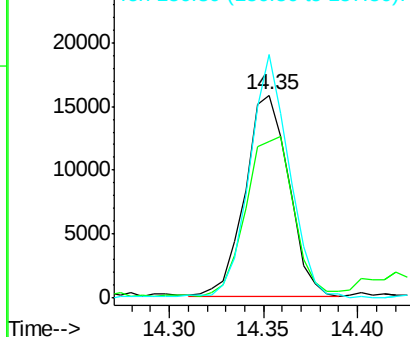
75 100

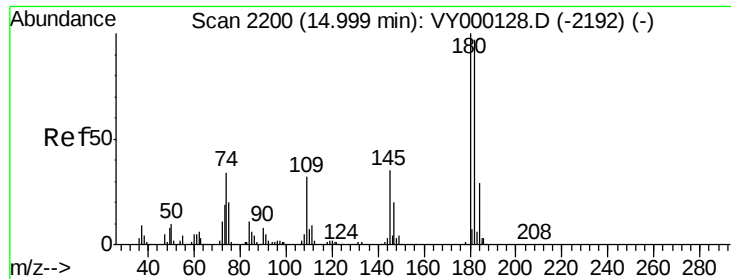
155 89.5 44.7 134.1

157 108.3 55.9 167.7



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





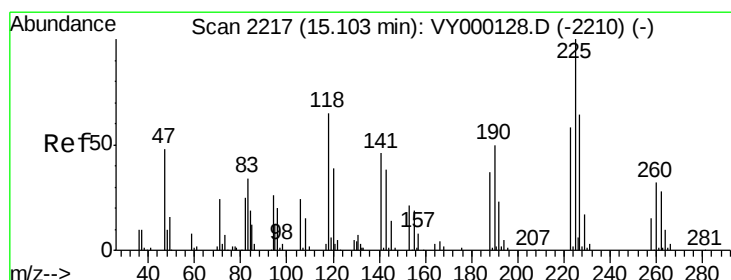
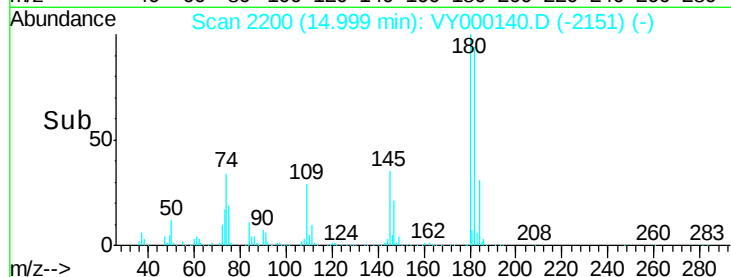
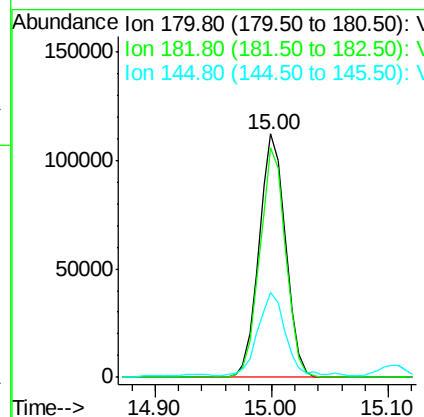
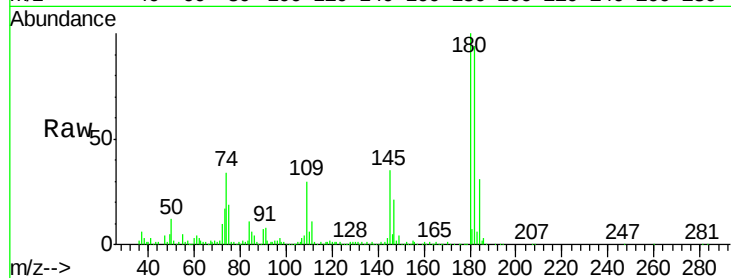
#93
 1,2,4-Trichlorobenzene
 Concen: 51.274 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY000140.D
 Acq: 23 Sep 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	178173		
182	91.9	46.1	138.2	
145	38.6	16.8	50.3	

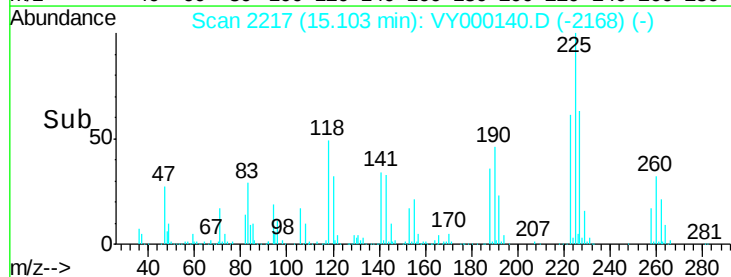
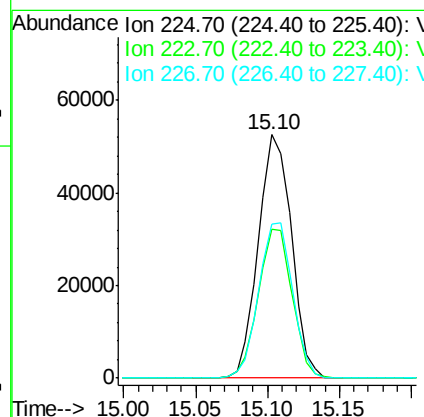
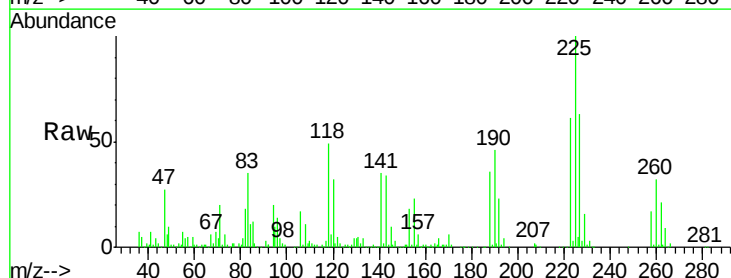
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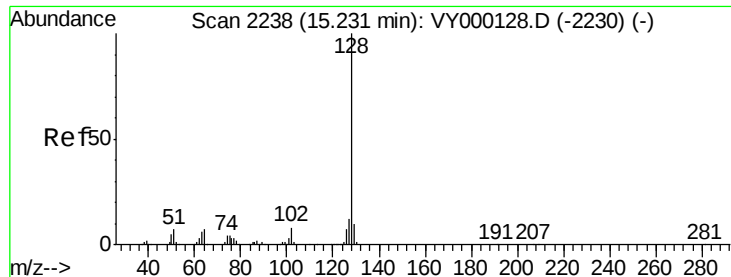
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#94
 Hexachlorobutadiene
 Concen: 54.181 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: VY000140.D
 Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	83681		
223	62.3	31.9	95.5	
227	65.2	32.3	96.8	





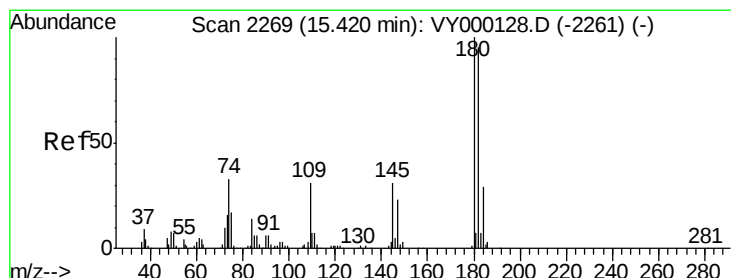
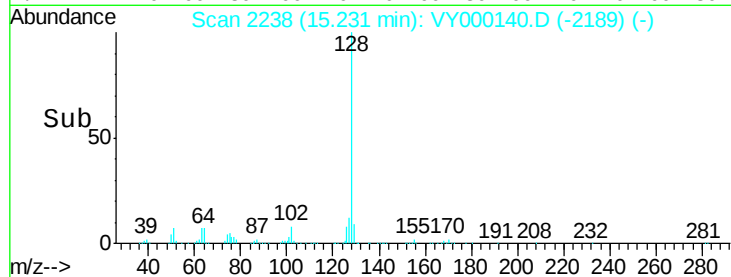
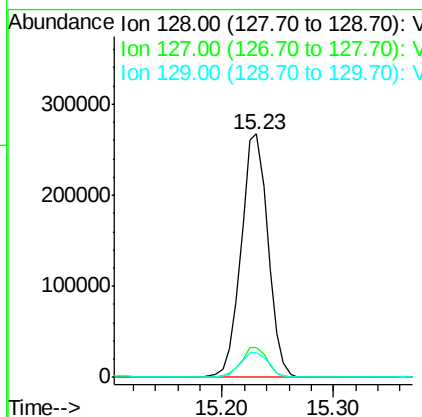
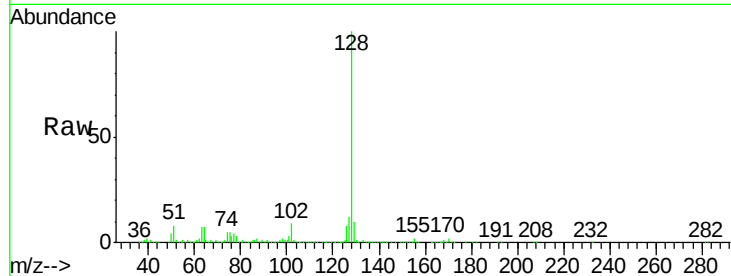
#95
Naphthalene
Concen: 50.823 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.7	14.5
129	10.9	8.3	12.5

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.063 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VY000140.D
Acq: 23 Sep 2019 18:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.4	142.3
145	39.4	17.5	52.6

